

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111875.D
 Acq On : 7 Jan 2019 13:54
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 07 14:22:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 13:55:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	181405	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	678571	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	342180	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	643568	20.00	ng	0.00
76) Chrysene-d12	14.06	240	503383	20.00	ng	0.00
87) Perylene-d12	15.54	264	393099	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1153582	108.80	ng	0.00
7) Phenol-d6	6.54	99	1488113	108.87	ng	0.00
23) Nitrobenzene-d5	7.46	82	1479931	116.07	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	505997	114.54	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2606050	111.28	ng	0.00
79) Terphenyl-d14	13.00	244	2944084	101.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	256554	54.746	ng	99
3) Pyridine	3.44	79	706280	58.512	ng	98
4) n-Nitrosodimethylamine	3.40	42	350037	58.064	ng	97
6) Aniline	6.56	93	917088	55.566	ng	89
8) 2-Chlorophenol	6.69	128	671397	57.090	ng	97
9) Benzaldehyde	6.44	77	370395	45.785	ng	99
10) Phenol	6.56	94	825797	55.528	ng	94
11) bis(2-Chloroethyl)ether	6.63	93	649602	56.588	ng	99
12) 1,3-Dichlorobenzene	6.84	146	777848	56.987	ng	97
13) 1,4-Dichlorobenzene	6.91	146	784337	56.662	ng	98
14) 1,2-Dichlorobenzene	7.07	146	722646	54.567	ng	99
15) Benzyl Alcohol	7.04	79	616717	57.043	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1072542	54.975	ng	100
17) 2-Methylphenol	7.16	107	529268	56.054	ng	94
18) Hexachloroethane	7.41	117	277970	57.463	ng	92
19) n-Nitroso-di-n-propylamine	7.32	70	509669	57.447	ng	99
20) 3+4-Methylphenols	7.31	107	654066	55.536	ng	99
22) Acetophenone	7.30	105	982340	56.926	ng	98
24) Nitrobenzene	7.48	77	751228	58.405	ng	99
25) Isophorone	7.72	82	1197695	58.155	ng	100
26) 2-Nitrophenol	7.79	139	374869	59.100	ng	99
27) 2,4-Dimethylphenol	7.83	122	534170	58.460	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	797753	58.135	ng	99
29) 2,4-Dichlorophenol	8.04	162	610813	58.015	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	672085	57.761	ng	100
31) Naphthalene	8.20	128	1848638	57.311	ng	99
32) Benzoic acid	7.98	122	373544	63.054	ng	99
33) 4-Chloroaniline	8.25	127	800065	57.325	ng	95
34) Hexachlorobutadiene	8.32	225	420644	57.963	ng	98
35) Caprolactam	8.64	113	205074	59.974	ng	93
36) 4-Chloro-3-methylphenol	8.74	107	612824	58.600	ng	98
37) 2-Methylnaphthalene	8.89	142	1224301	61.384	ng	99
38) 1-Methylnaphthalene	8.99	142	1171806	61.079	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	657271	60.377	ng	99

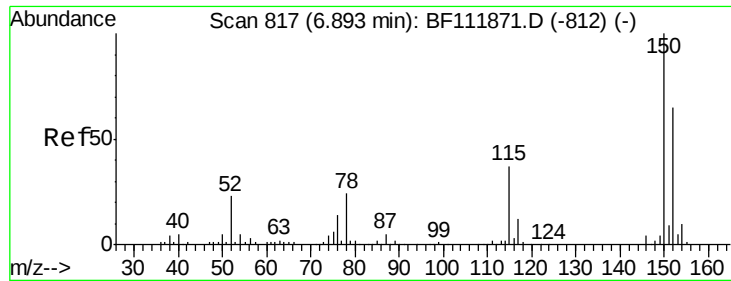
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111875.D
 Acq On : 7 Jan 2019 13:54
 Operator : JU/SJ
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Quant Time: Jan 07 14:22:28 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 13:55:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	405192	64.297	nq	98
43) 2,4,6-Trichlorophenol	9.17	196	451977	61.510	nq	99
44) 2,4,5-Trichlorophenol	9.22	196	469276	61.160	nq	95
46) 1,1'-Biphenyl	9.36	154	1653909	57.973	nq	99
47) 2-Chloronaphthalene	9.38	162	1323392	59.167	nq	96
48) 2-Nitroaniline	9.47	65	419794	61.146	nq	100
49) Acenaphthylene	9.80	152	1914110	57.619	nq	100
50) Dimethylphthalate	9.66	163	1520776	59.177	nq	100
51) 2,6-Dinitrotoluene	9.72	165	348182	60.753	nq	94
52) Acenaphthene	9.97	154	1244456	58.118	nq	100
53) 3-Nitroaniline	9.89	138	373013	60.769	nq	94
54) 2,4-Dinitrophenol	9.99	184	159737	65.600	nq	95
55) Dibenzofuran	10.15	168	1785138	57.417	nq	99
56) 4-Nitrophenol	10.06	139	276178	63.935	nq	96
57) 2,4-Dinitrotoluene	10.12	165	453521	61.424	nq	92
58) Fluorene	10.49	166	1286754	57.043	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	388089	59.559	nq	99
60) Diethylphthalate	10.36	149	1447817	58.374	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	712949	56.295	nq	99
62) 4-Nitroaniline	10.51	138	359496	62.345	nq	97
63) Azobenzene	10.63	77	1404228	59.268	nq	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	246996	61.618	nq	89
66) n-Nitrosodiphenylamine	10.59	169	1243943	56.882	nq	100
67) 4-Bromophenyl-phenylether	10.96	248	472302	55.999	nq	99
68) Hexachlorobenzene	11.04	284	523337	56.342	nq	98
69) Atrazine	11.12	200	423953	56.154	nq	98
70) Pentachlorophenol	11.23	266	323655	61.697	nq	99
71) Phenanthrene	11.45	178	1923258	55.876	nq	98
72) Anthracene	11.50	178	1950242	56.274	nq	99
73) Carbazole	11.65	167	1885335	54.717	nq	99
74) Di-n-butylphthalate	11.97	149	2164766	54.928	nq	99
75) Fluoranthene	12.63	202	1987022	55.833	nq	98
77) Benzidine	12.74	184	764936	50.058	nq	96
78) Pyrene	12.86	202	1999468	52.339	nq	99
80) Butylbenzylphthalate	13.47	149	892403	57.335	nq	99
81) Benzo(a)anthracene	14.05	228	1696232	58.239	nq	99
82) 3,3'-Dichlorobenzidine	14.01	252	588567	54.988	nq	99
83) Chrysene	14.09	228	1591583	57.307	nq	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	1199914	62.015	nq	98
85) Di-n-octyl phthalate	14.64	149	1784361	65.501	nq	100
86) Indeno(1,2,3-cd)pyrene	17.04	276	1216027	59.804	nq	99
88) Benzo(b)fluoranthene	15.11	252	1339903	56.136	nq	99
89) Benzo(k)fluoranthene	15.14	252	1334176	60.756	nq	99
90) Benzo(a)pyrene	15.49	252	1213471	58.371	nq	100
91) Dibenzo(a,h)anthracene	17.06	278	1022232	60.407	nq	98
92) Benzo(g,h,i)perylene	17.50	276	992990	59.928	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

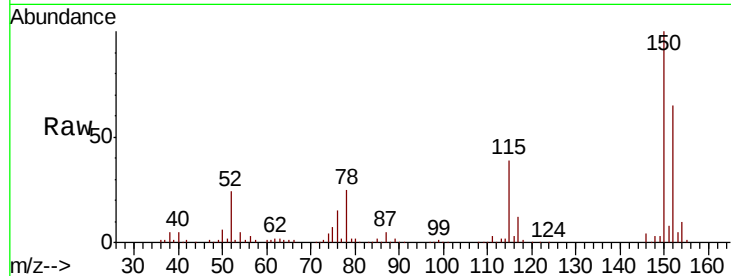


#1

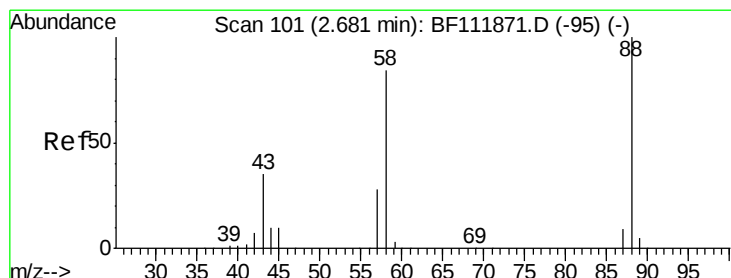
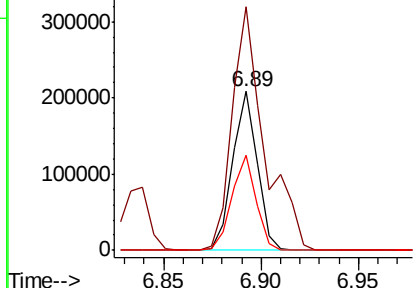
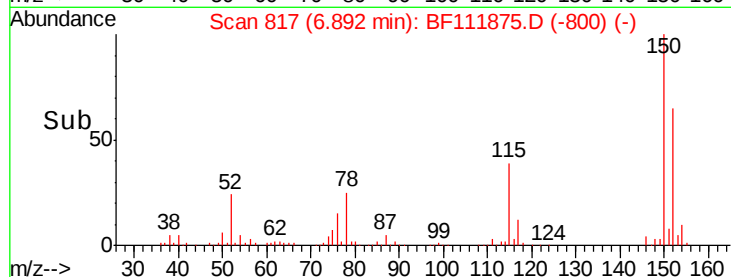
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 181405
Ion Ratio Lower Upper
152 100
150 153.3 122.7 184.1
115 59.9 45.2 67.8



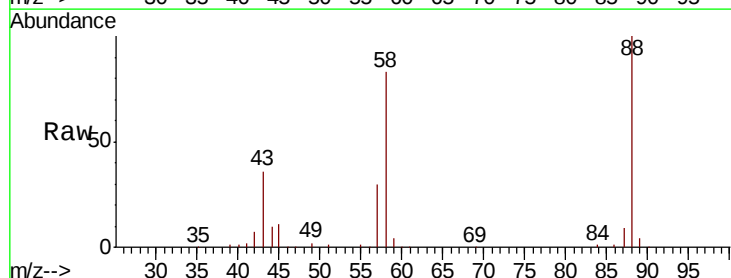
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



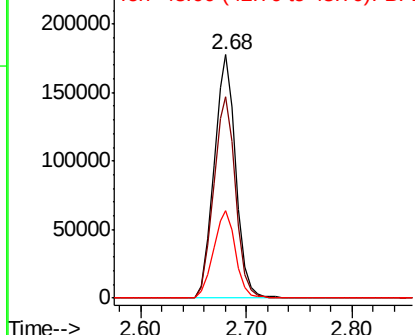
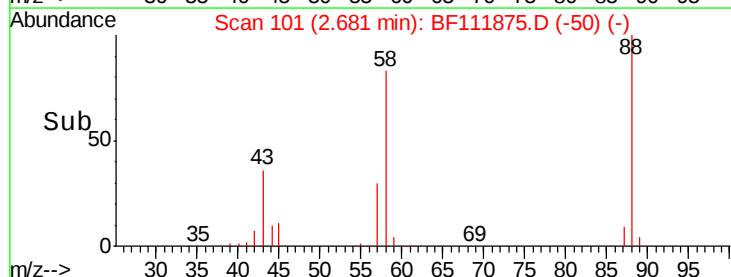
#2

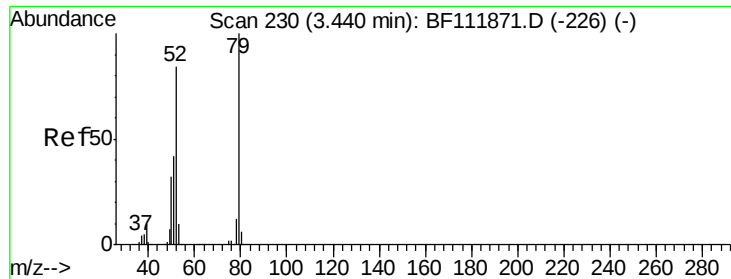
1,4-Dioxane
Concen: 54.746 ng
RT: 2.68 min Scan# 101
Delta R.T. -0.00 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

Tgt Ion: 88 Resp: 256554
Ion Ratio Lower Upper
88 100
58 83.2 67.6 101.4
43 36.3 29.0 43.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 58.512 ng

RT: 3.44 min Scan# 230

Delta R.T. -0.00 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

Instrument :

BNA_F

ClientSampleId :

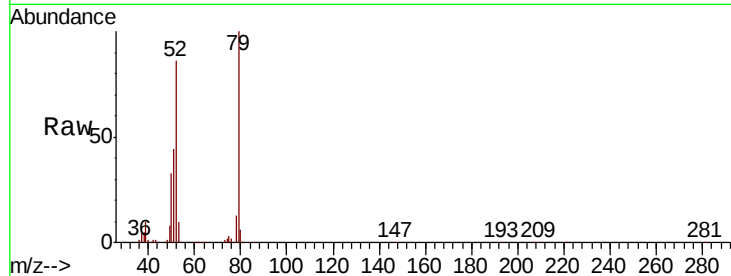
Tot Ion: 79 Resp: 706280

Ion Ratio Lower Upper

79 100

52 85.7 67.0 100.6

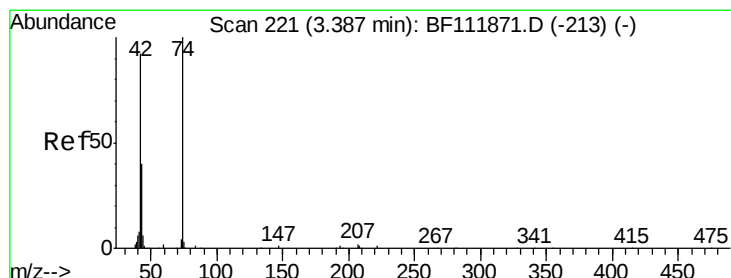
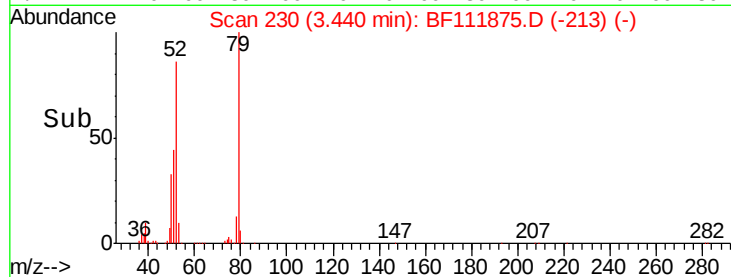
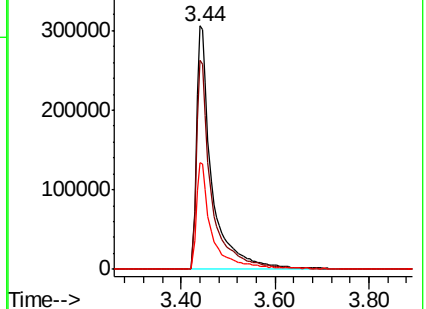
51 43.8 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 58.064 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.02 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

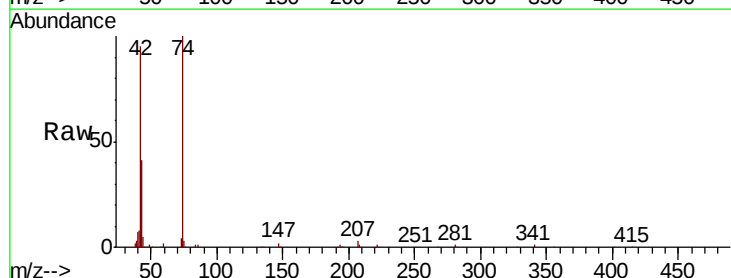
Tgt Ion: 42 Resp: 350037

Ion Ratio Lower Upper

42 100

74 105.5 87.0 130.6

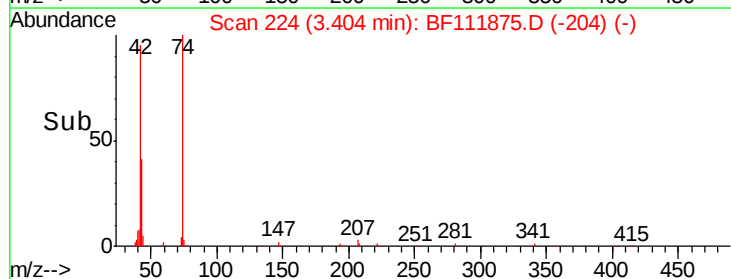
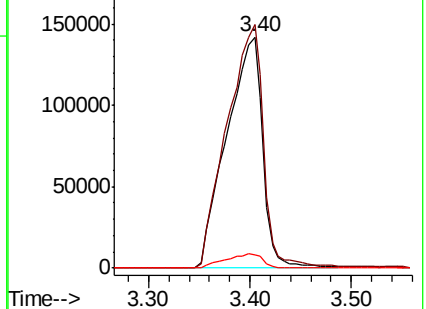
44 5.8 5.5 8.3

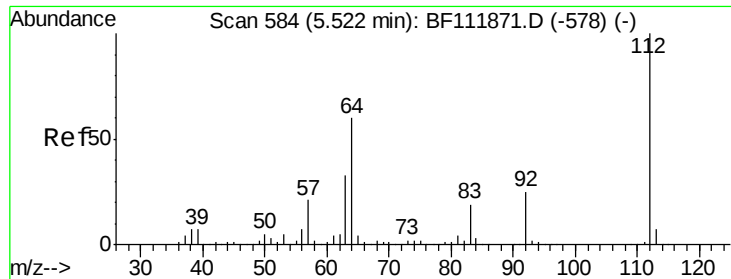


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 108.797 ng

RT: 5.52 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

Instrument :
BNA_F
ClientSampled :

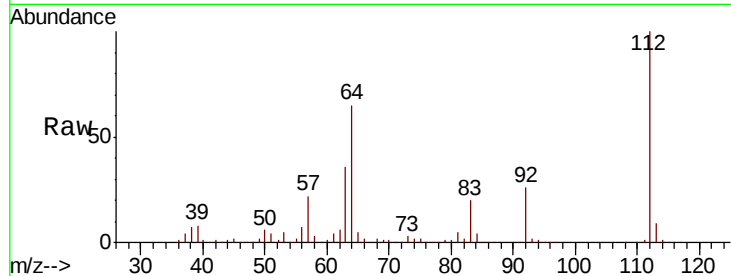
Tot Ion:112 Resp: 1153582

Ion Ratio Lower Upper

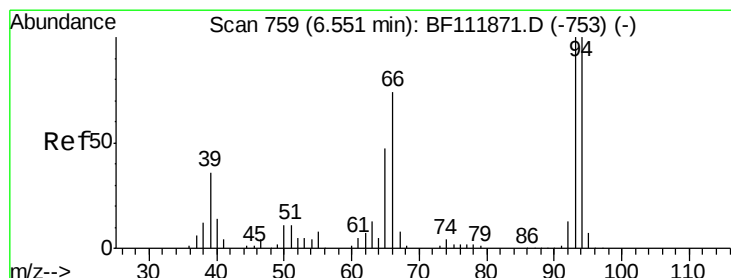
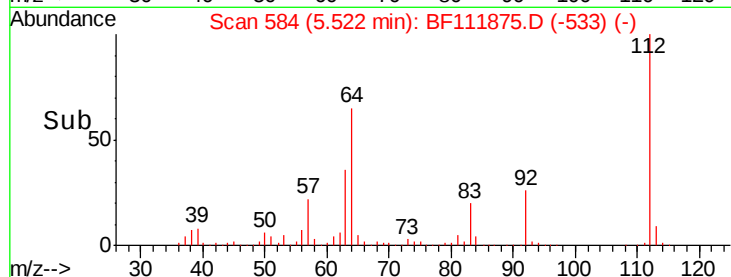
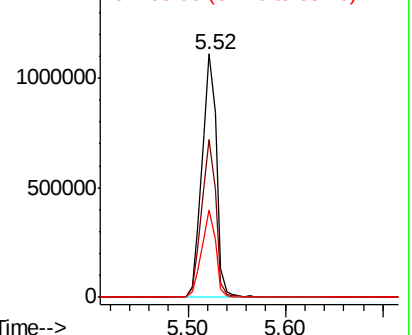
112 100

64 65.1 48.3 72.5

63 35.8 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): BF1
1500000 Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 55.566 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

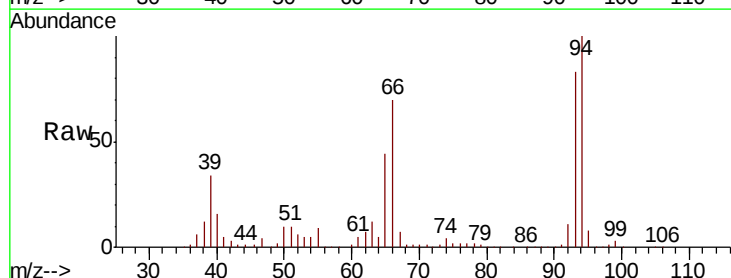
Tgt Ion: 93 Resp: 917088

Ion Ratio Lower Upper

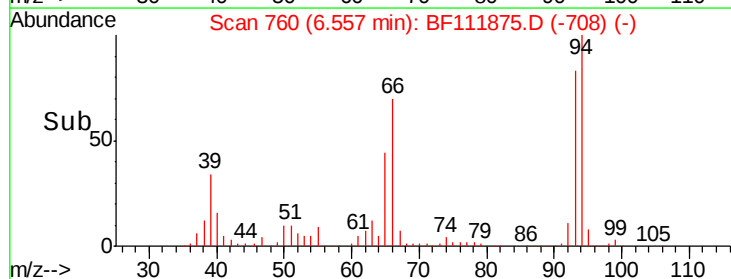
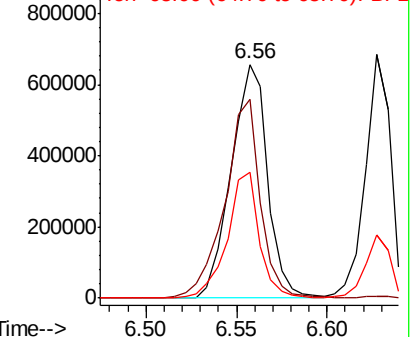
93 100

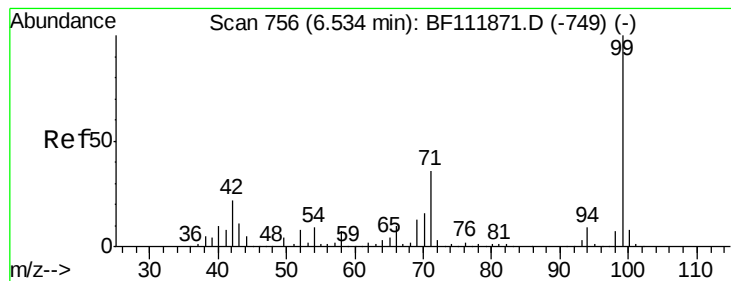
66 85.0 60.0 90.0

65 53.9 37.5 56.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.869 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

Instrument :

BNA_F

ClientSampled :

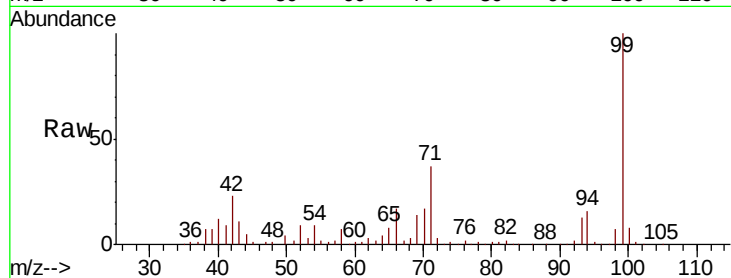
Tot Ion: 99 Resp: 1488113

Ion Ratio Lower Upper

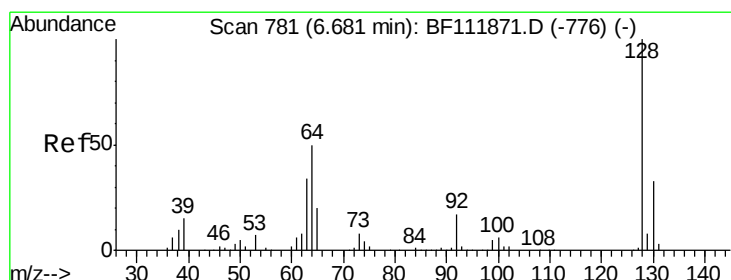
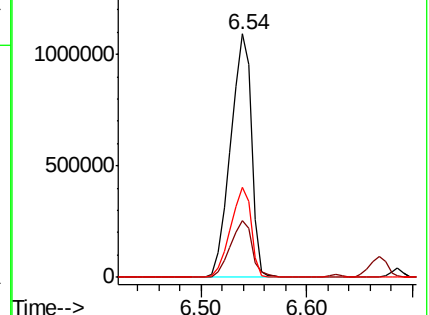
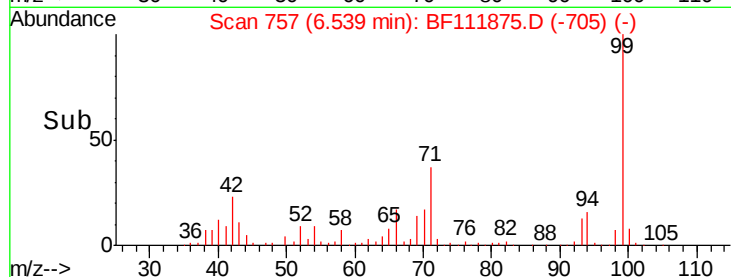
99 100

42 23.4 17.9 26.9

71 37.2 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 57.090 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

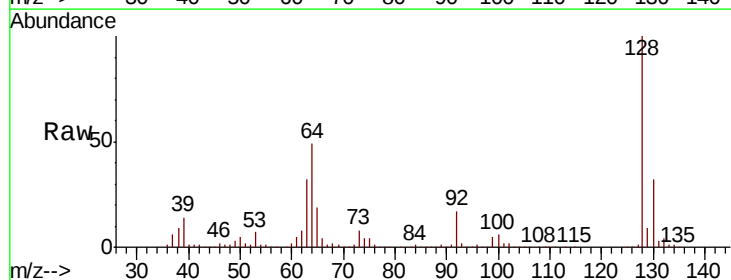
Tgt Ion:128 Resp: 671397

Ion Ratio Lower Upper

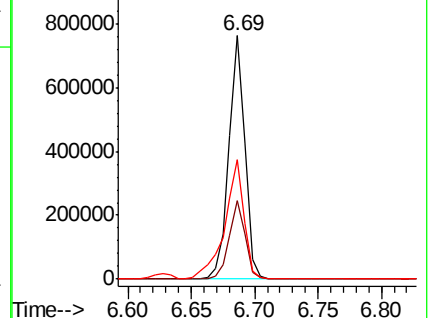
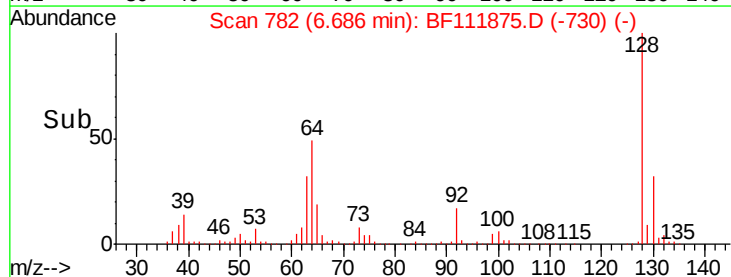
128 100

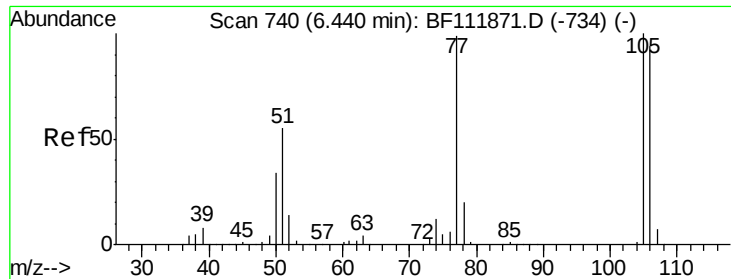
130 32.4 12.7 52.7

64 48.9 31.8 71.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 45.785 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

Instrument :

BNA_F

ClientSampled :

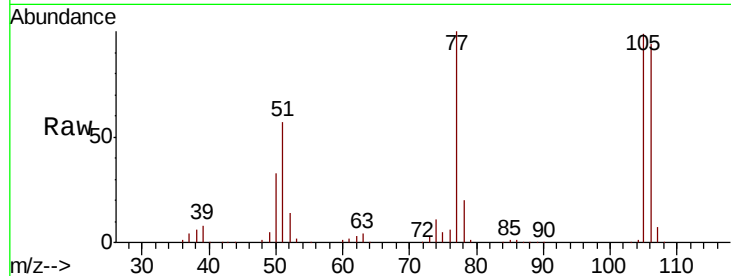
Tot Ion: 77 Resp: 370395

Ion Ratio Lower Upper

77 100

105 99.5 80.6 120.6

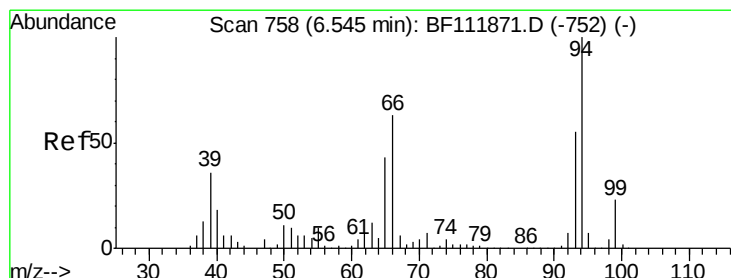
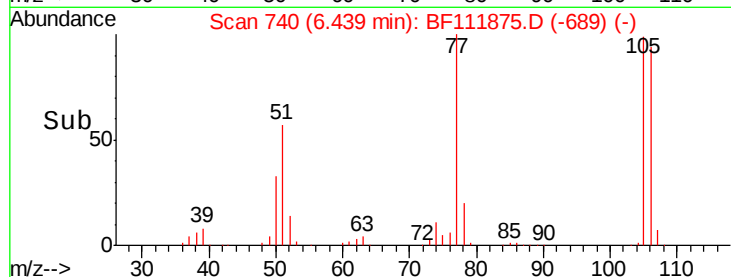
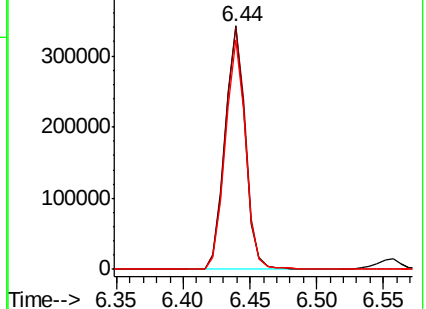
106 94.1 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 55.528 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

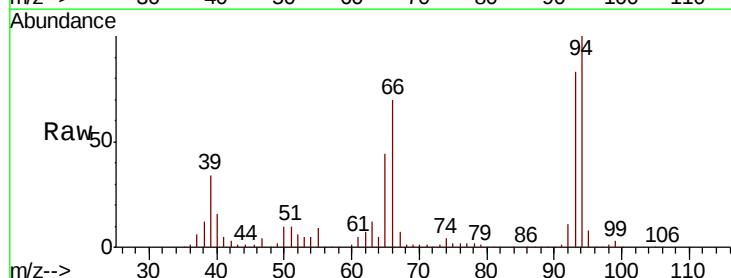
Tgt Ion: 94 Resp: 825797

Ion Ratio Lower Upper

94 100

65 44.5 22.8 62.8

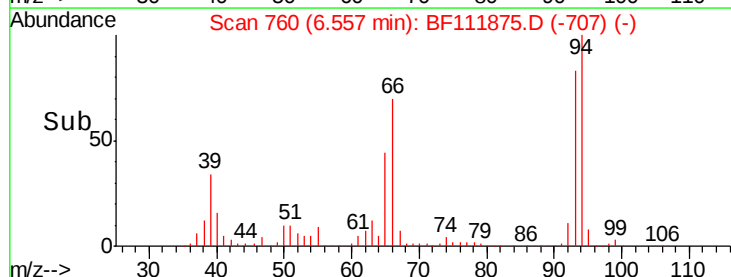
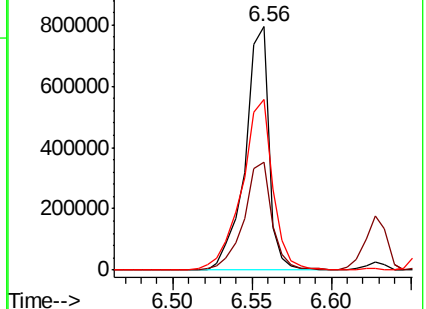
66 70.2 43.3 83.3

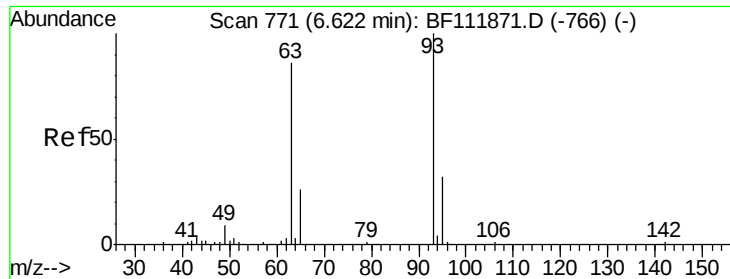


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

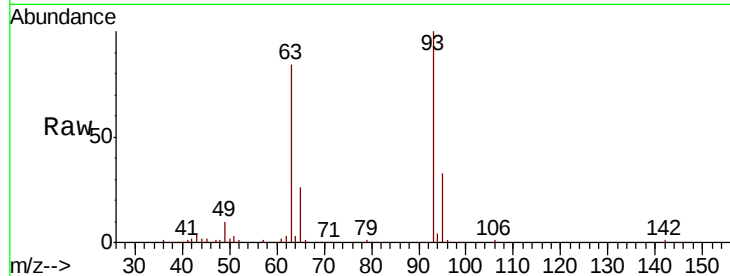




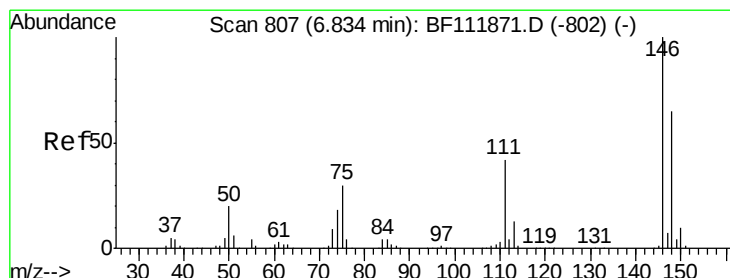
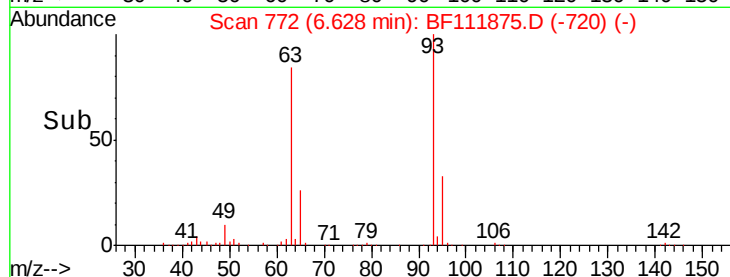
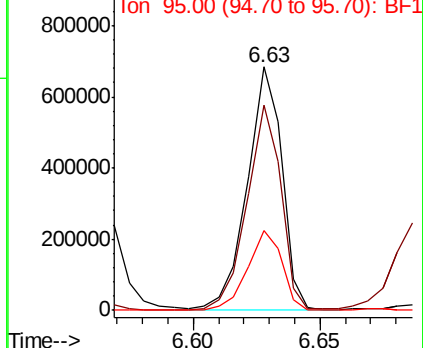
#11
 bis(2-Chloroethyl)ether
 Concen: 56.588 ng
 RT: 6.63 min Scan# 772
 Delta R.T. 0.01 min
 Lab File: BF111875.D
 Acq: 7 Jan 2019 13:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 93 Resp: 649602
 Ion Ratio Lower Upper
 93 100
 63 84.4 65.2 105.2
 95 33.0 11.9 51.9

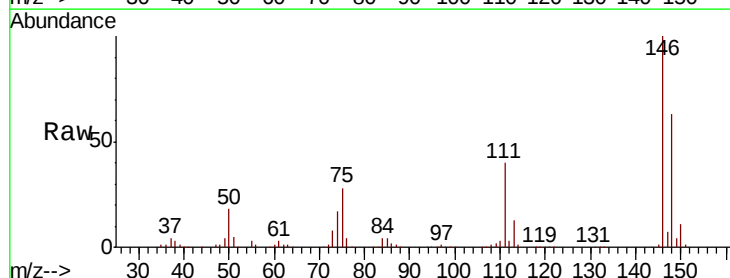


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

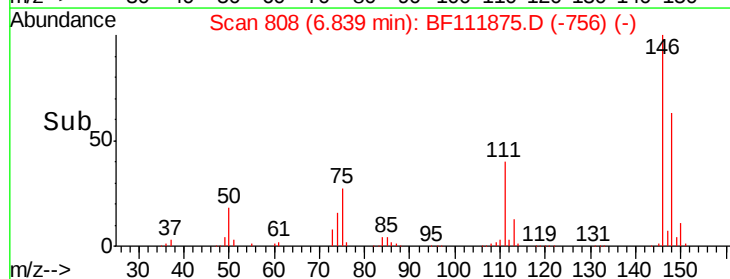
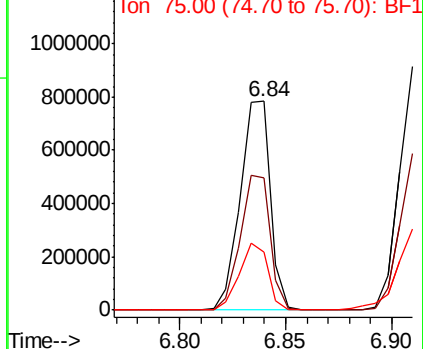


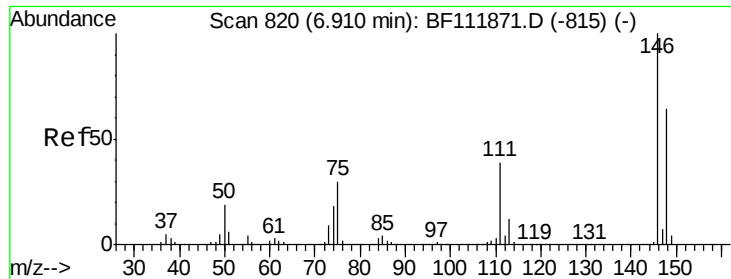
#12
 1,3-Dichlorobenzene
 Concen: 56.987 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: BF111875.D
 Acq: 7 Jan 2019 13:54

Tgt Ion: 146 Resp: 777848
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.8 77.6
 75 27.7 24.3 36.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

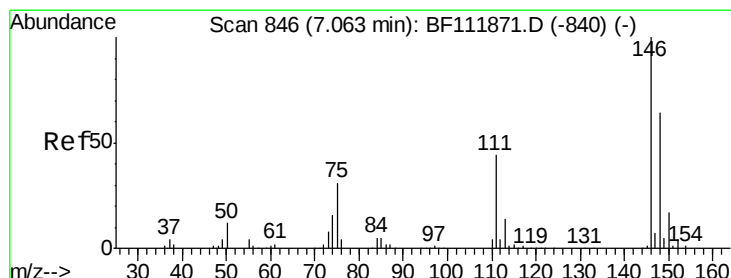
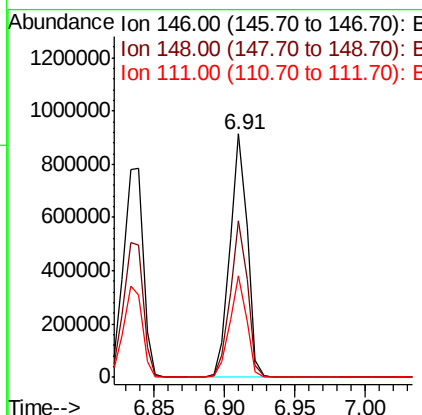
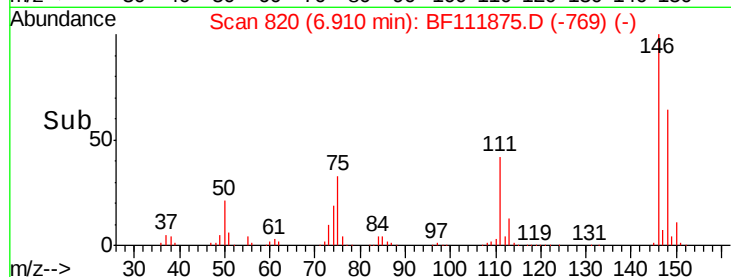
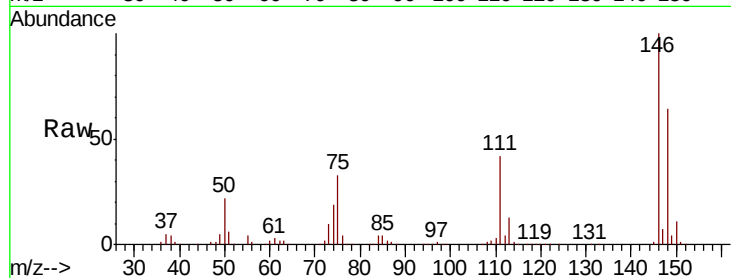




#13
 1,4-Dichlorobenzene
 Concen: 56.662 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF111875.D
 Acq: 7 Jan 2019 13:54

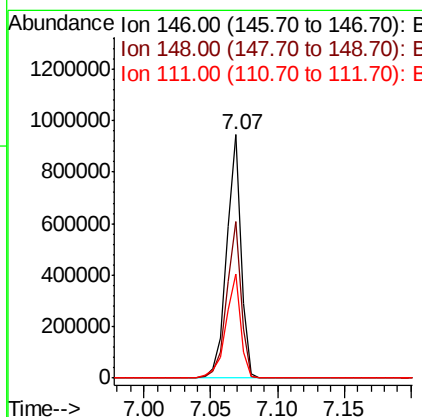
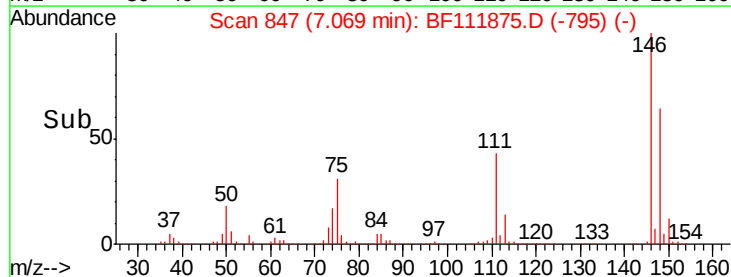
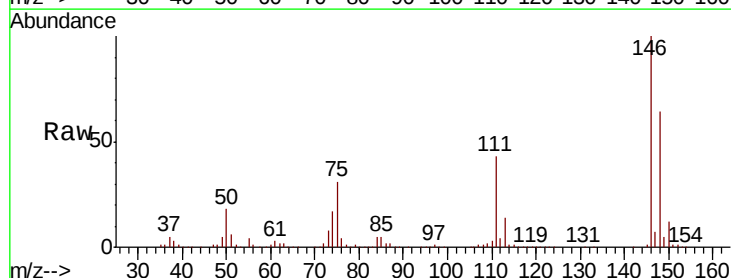
Instrument :
 BNA_F
 ClientSampled :

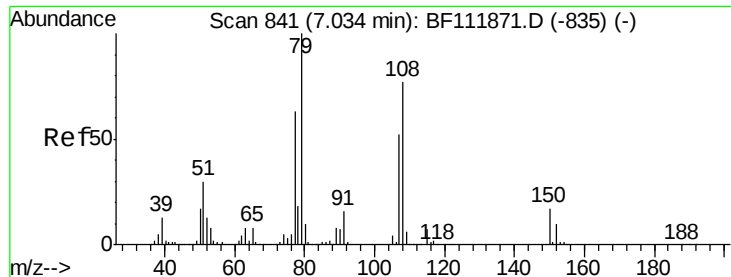
Tot Ion:146 Resp: 784337
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.2 76.8
 111 41.8 31.5 47.3



#14
 1,2-Dichlorobenzene
 Concen: 54.567 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.01 min
 Lab File: BF111875.D
 Acq: 7 Jan 2019 13:54

Tgt Ion:146 Resp: 722646
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.5 77.3
 111 43.0 35.5 53.3





#15

Benzyl Alcohol

Concen: 57.043 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

Instrument :

BNA_F

ClientSampled :

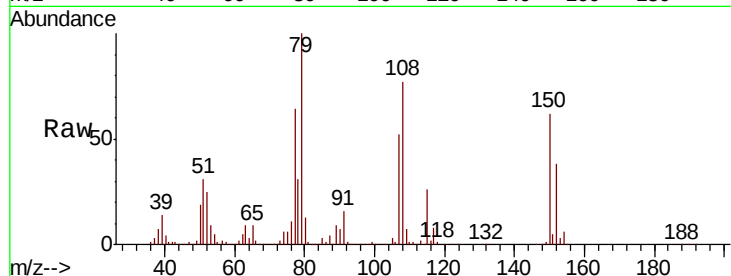
Tot Ion: 79 Resp: 616717

Ion Ratio Lower Upper

79 100

108 76.6 61.4 92.0

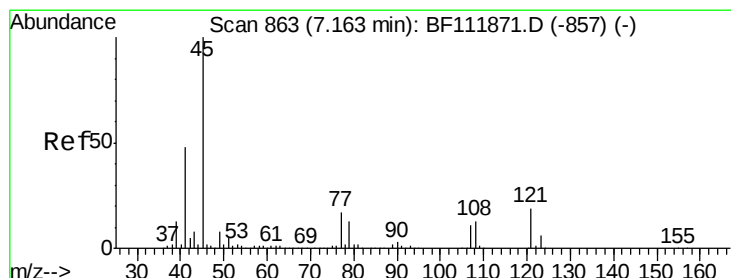
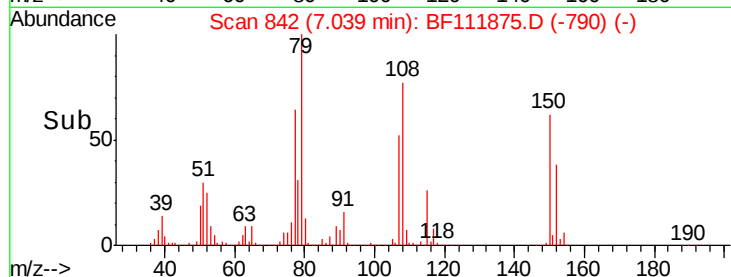
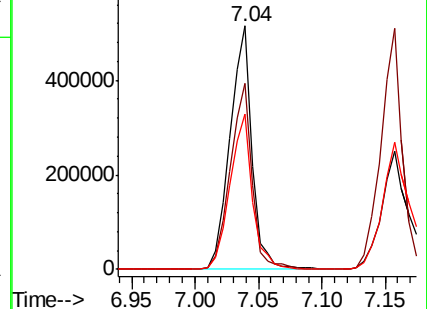
77 63.7 50.4 75.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 54.975 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

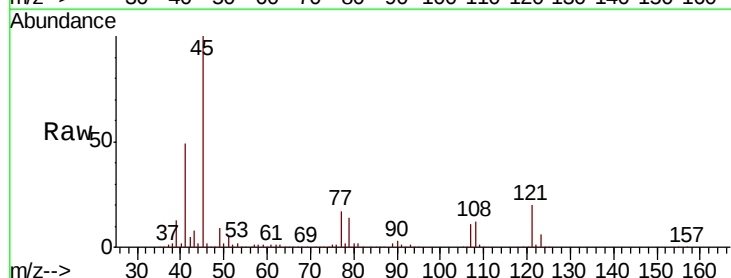
Tgt Ion: 45 Resp: 1072542

Ion Ratio Lower Upper

45 100

77 17.1 0.0 37.1

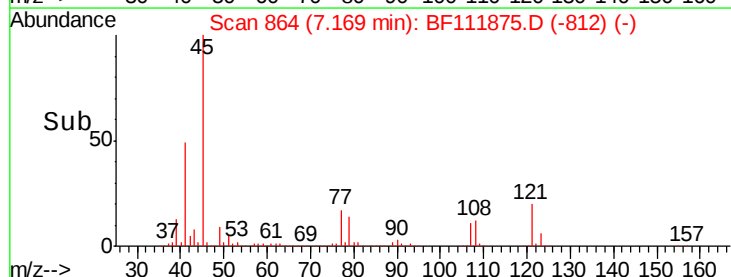
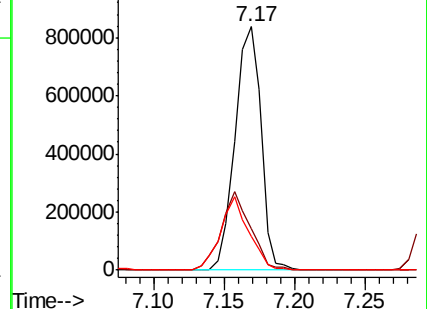
79 14.0 0.0 33.9

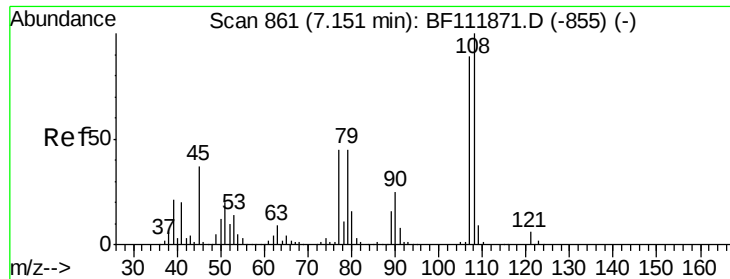


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

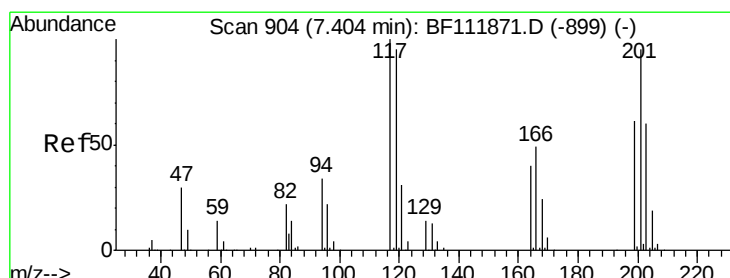
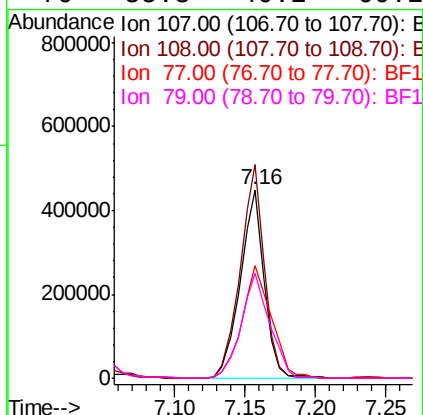
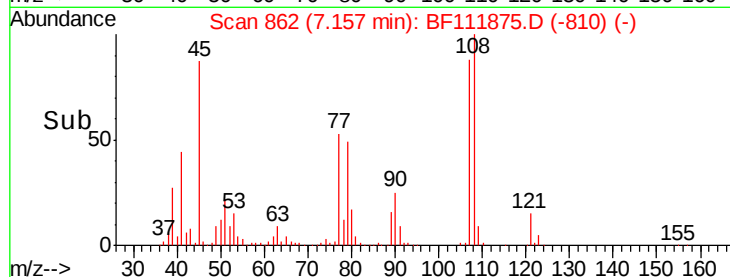
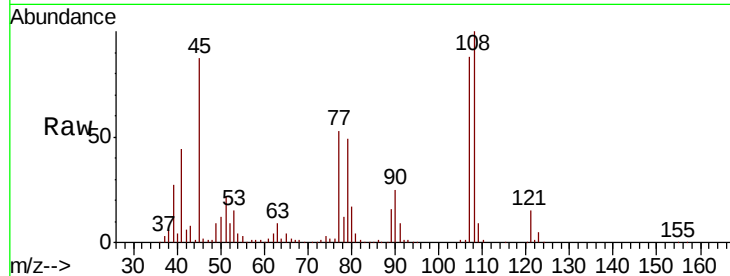




#17
2-Methylphenol
Concen: 56.054 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

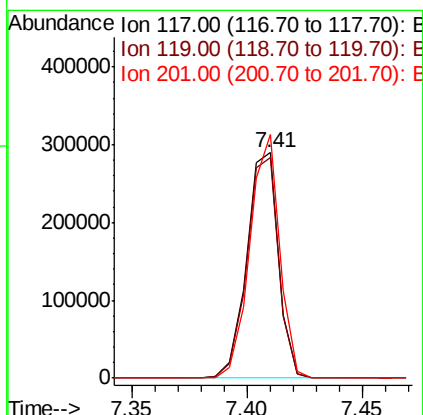
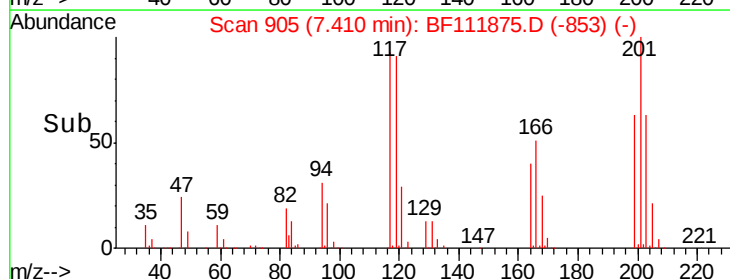
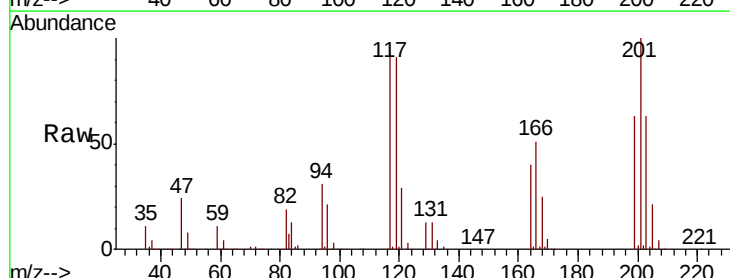
Instrument :
BNA_F
ClientSampled :

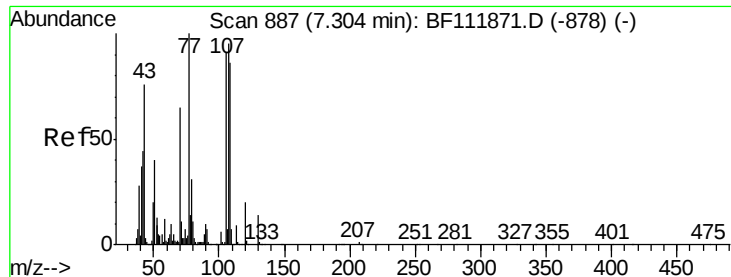
Tot Ion:107 Resp: 529268
Ion Ratio Lower Upper
107 100
108 113.2 89.7 134.5
77 59.8 40.6 60.8
79 55.8 40.2 60.2



#18
Hexachloroethane
Concen: 57.463 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.01 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

Tgt Ion:117 Resp: 277970
Ion Ratio Lower Upper
117 100
119 97.8 76.2 114.2
201 108.0 75.7 113.5





#19
n-Nitroso-di-n-propylamine
Concen: 57.447 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.7	53.6	80.4	
101	9.9	7.3	10.9	
130	21.0	16.8	25.2	

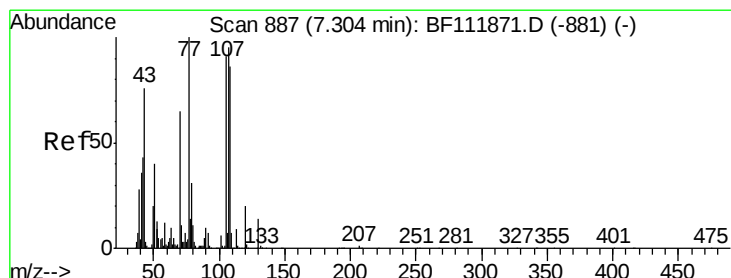
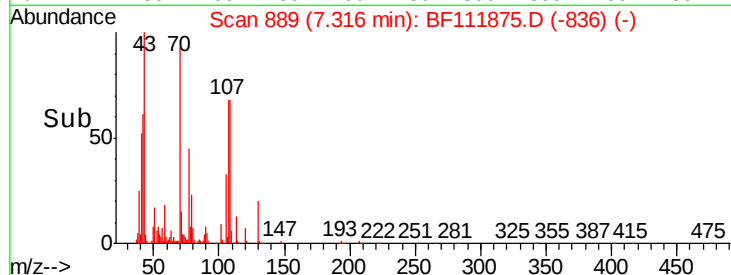
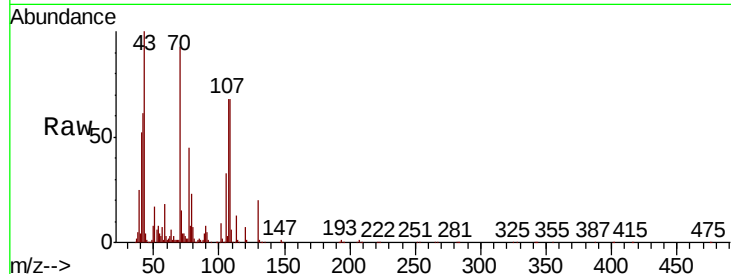
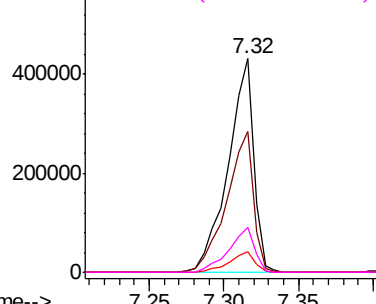
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 55.536 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.0	71.1	111.1	
77	104.4	85.4	125.4	
79	32.9	12.4	52.4	

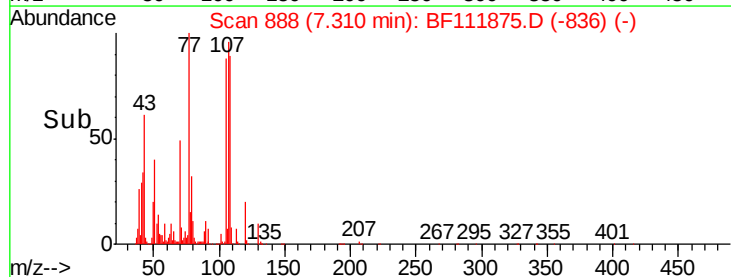
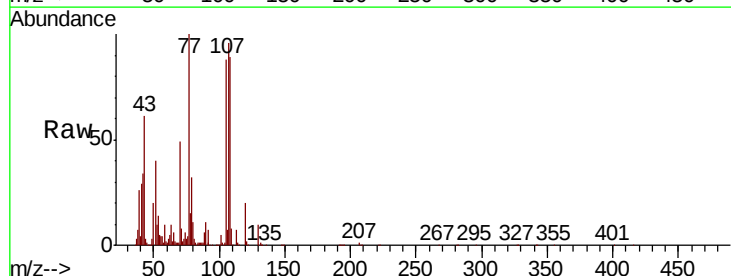
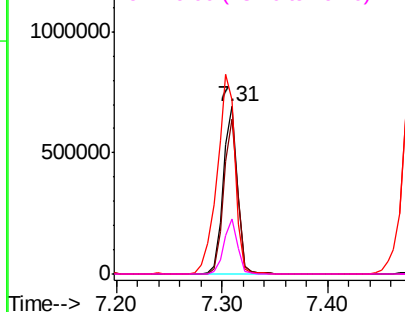
Abundance

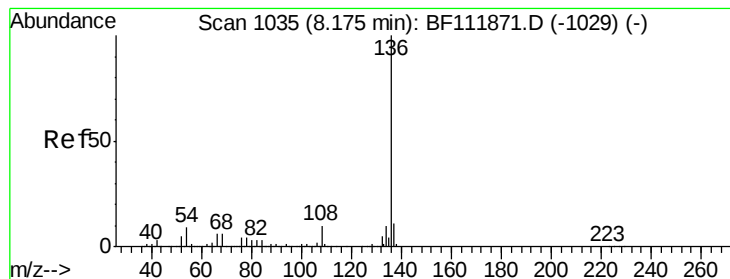
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 678571

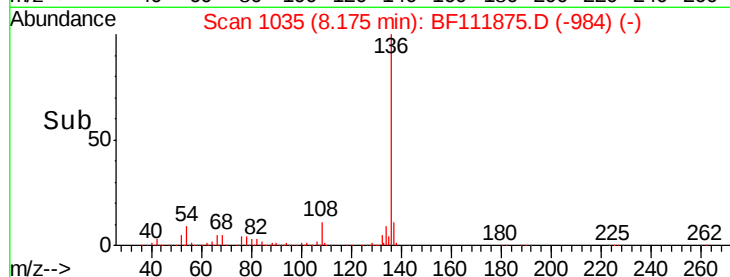
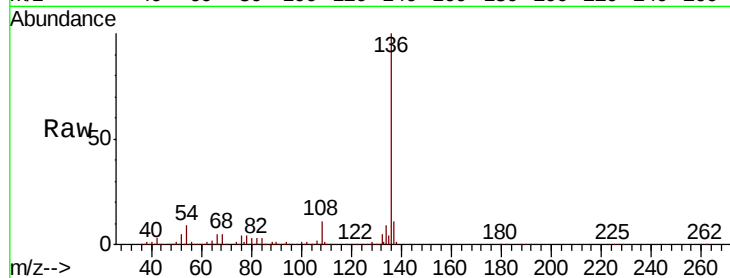
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.8 7.2 10.8

68 5.3 4.4 6.6



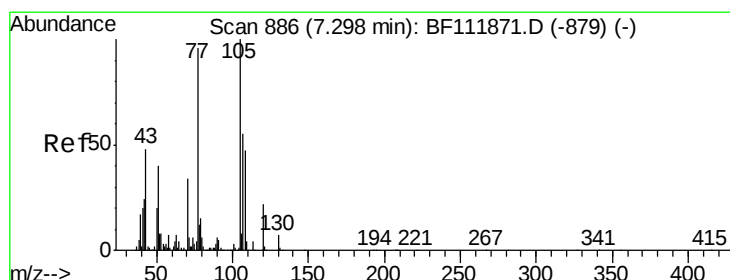
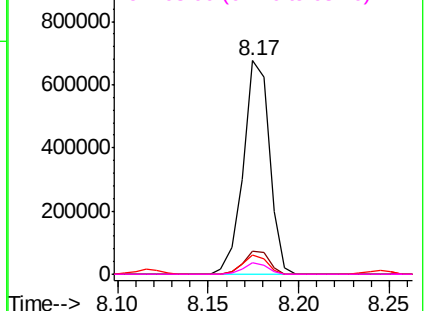
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 56.926 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

Tgt Ion:105 Resp: 982340

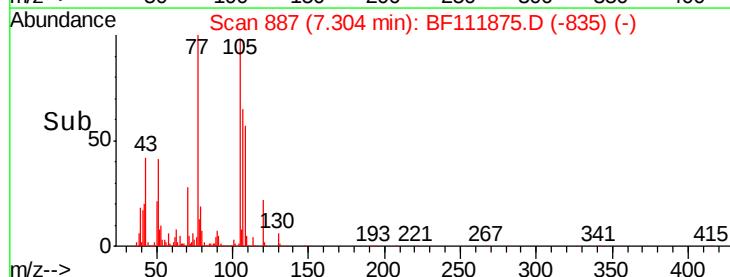
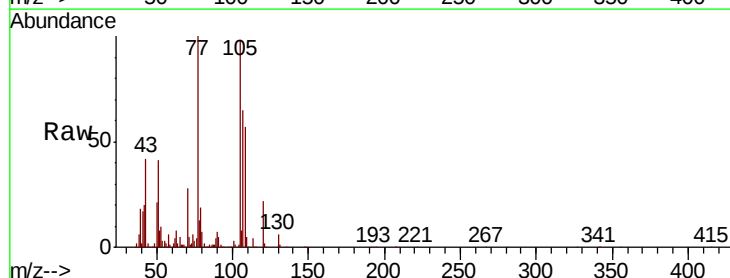
Ion Ratio Lower Upper

105 100

71 5.0 4.6 6.8

51 41.8 32.2 48.2

120 22.2 17.5 26.3



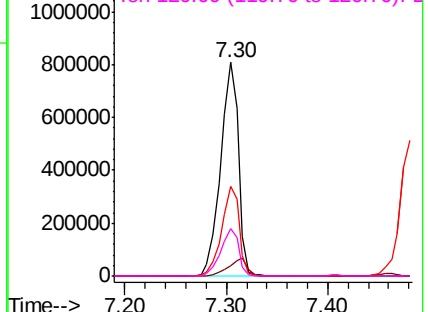
Abundance

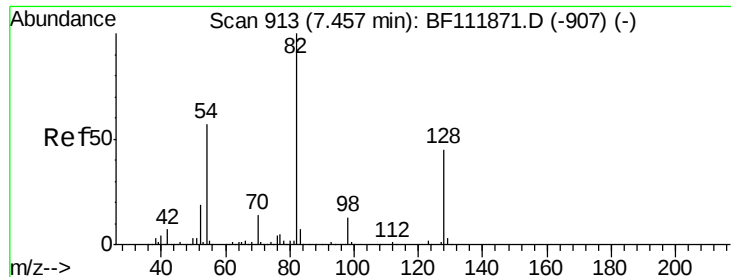
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

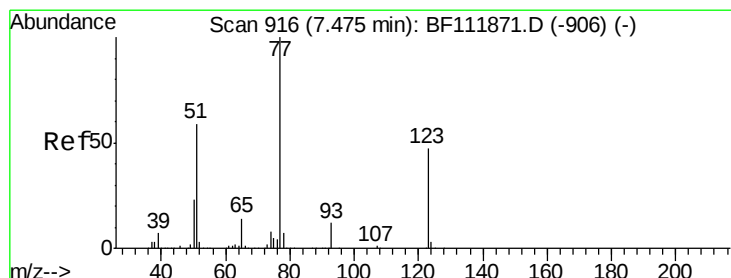
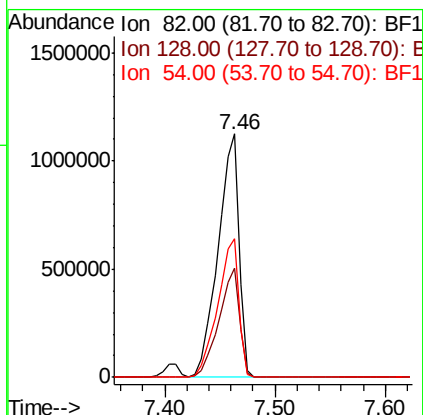
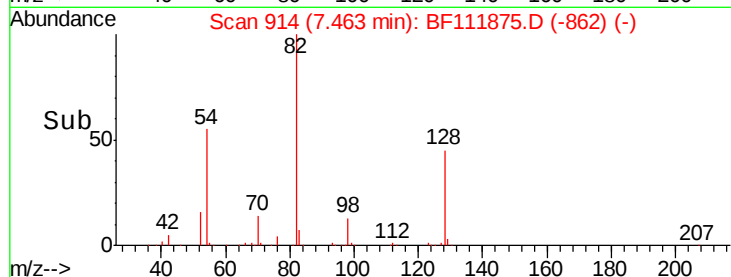
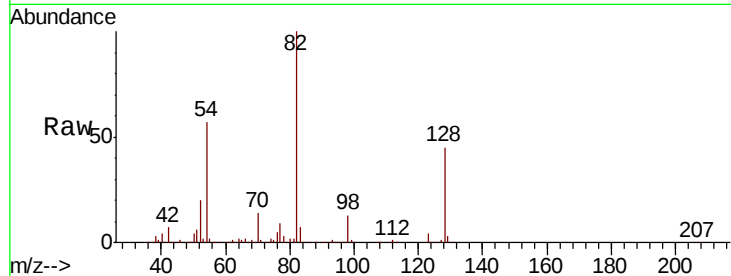




#23
Nitrobenzene-d5
Concen: 116.072 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

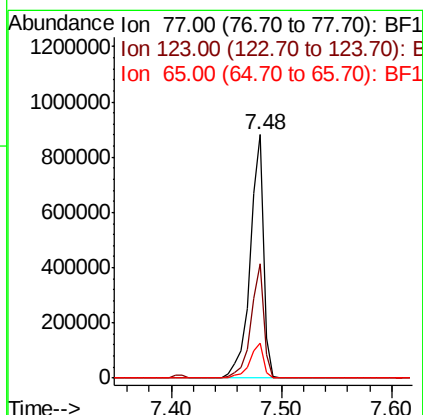
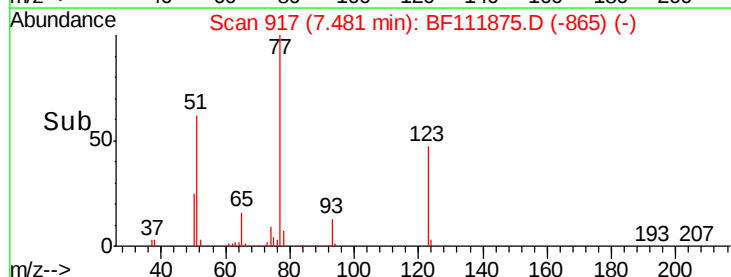
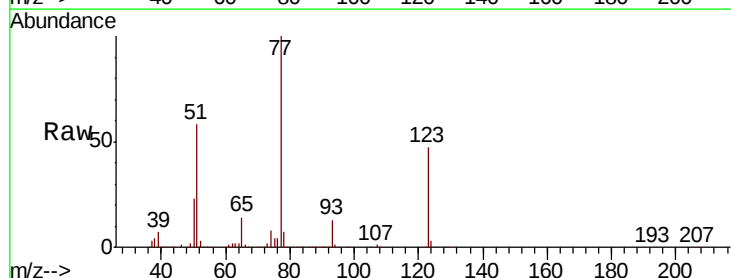
Instrument :
BNA_F
ClientSampled :

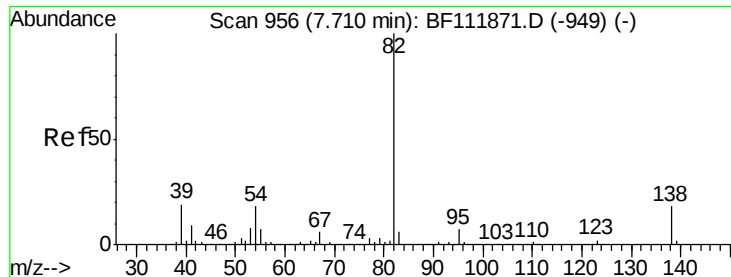
Tot Ion: 82 Resp: 1479931
Ion Ratio Lower Upper
82 100
128 45.0 35.7 53.5
54 57.1 45.8 68.8



#24
Nitrobenzene
Concen: 58.405 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

Tgt Ion: 77 Resp: 751228
Ion Ratio Lower Upper
77 100
123 47.1 38.1 57.1
65 14.2 11.0 16.4





#25

Isophorone

Concen: 58.155 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

Instrument :

BNA_F

ClientSampleId :

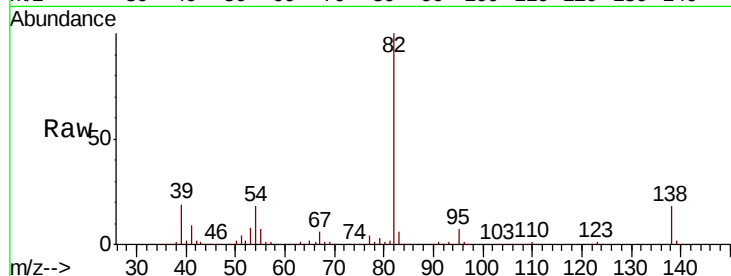
Tot Ion: 82 Resp: 1197695

Ion Ratio Lower Upper

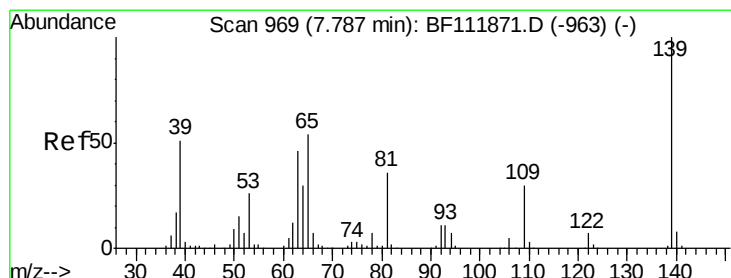
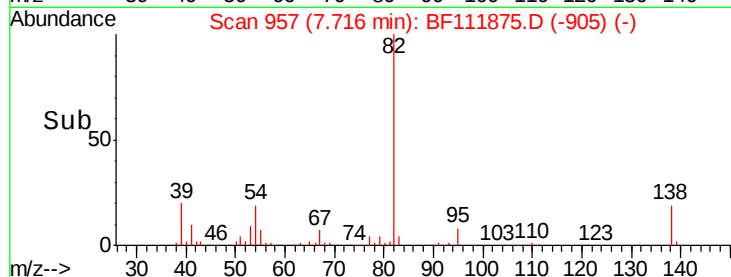
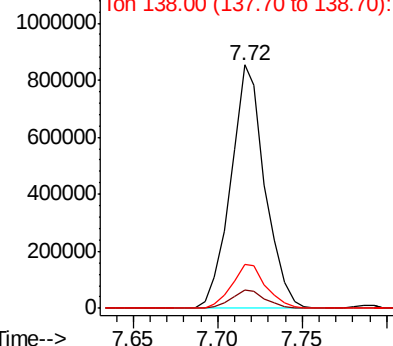
82 100

95 7.4 5.8 8.6

138 17.8 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 59.100 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

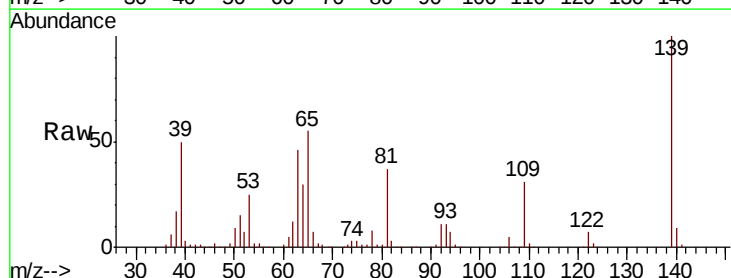
Tgt Ion: 139 Resp: 374869

Ion Ratio Lower Upper

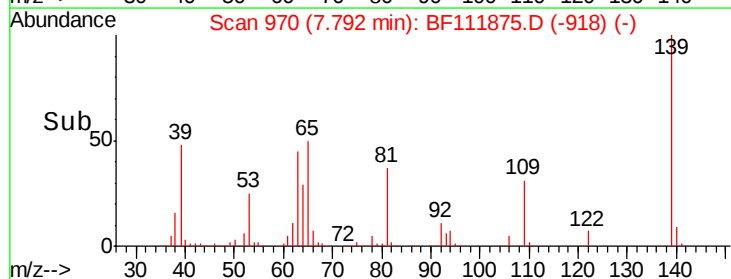
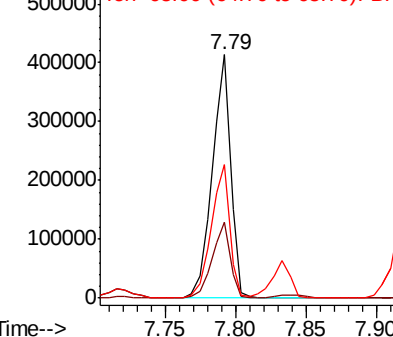
139 100

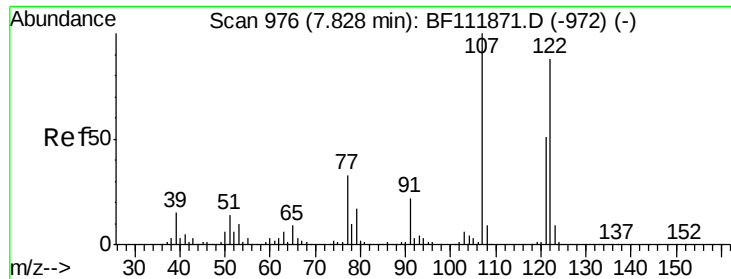
109 31.3 24.1 36.1

65 54.8 43.6 65.4



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

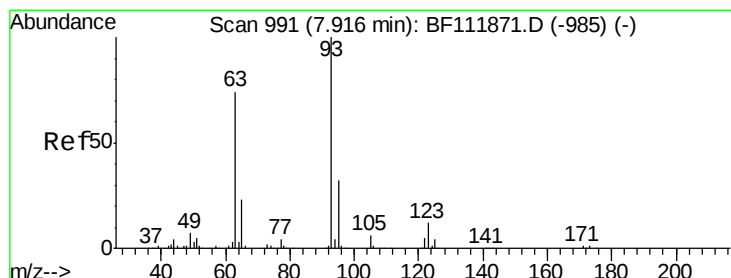
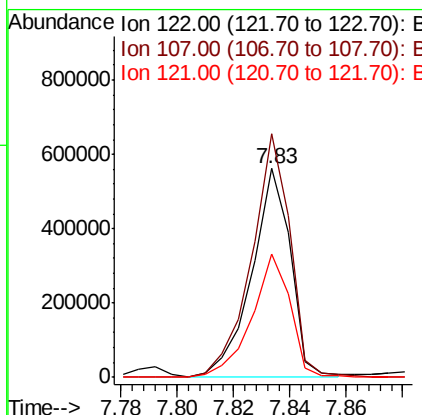
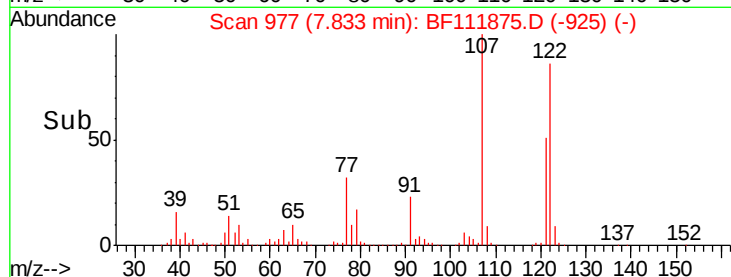
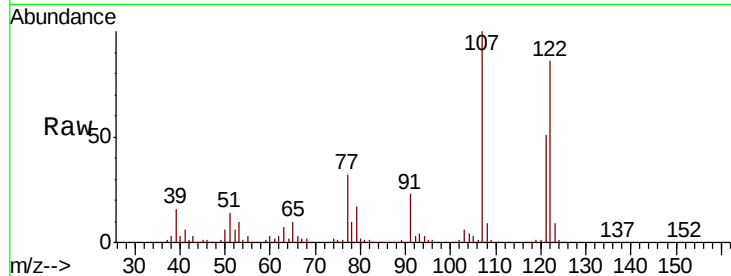




#27
2,4-Dimethylphenol
Concen: 58.460 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

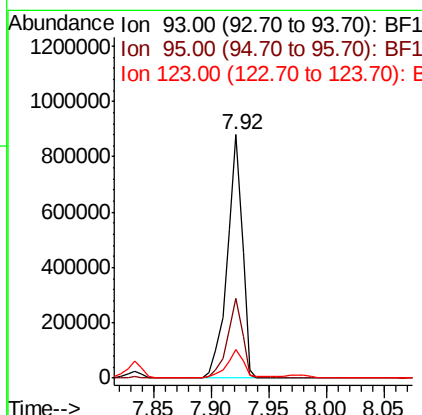
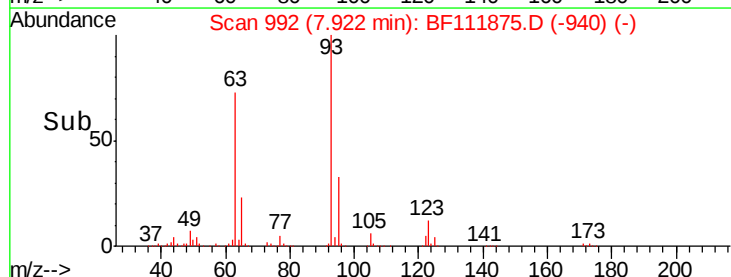
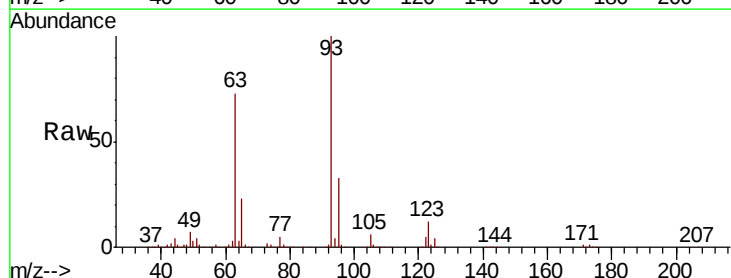
Instrument :
BNA_F
ClientSampled :

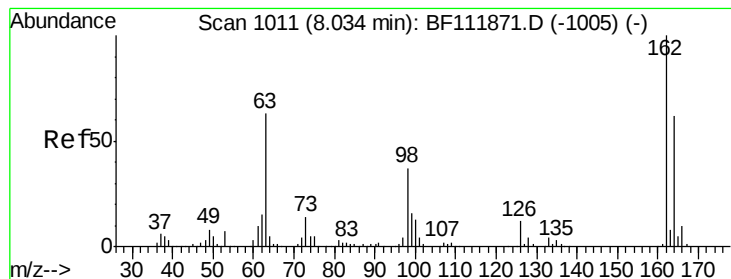
Tot Ion:122 Resp: 534170
Ion Ratio Lower Upper
122 100
107 116.6 91.0 136.6
121 59.0 46.8 70.2



#28
bis(2-Chloroethoxy)methane
Concen: 58.135 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

Tgt Ion: 93 Resp: 797753
Ion Ratio Lower Upper
93 100
95 32.6 25.8 38.6
123 12.0 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 58.015 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

Instrument :

BNA_F

ClientSampleId :

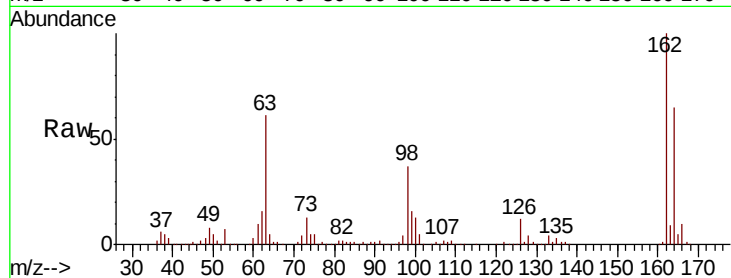
Tot Ion:162 Resp: 610813

Ion Ratio Lower Upper

162 100

164 64.5 42.1 82.1

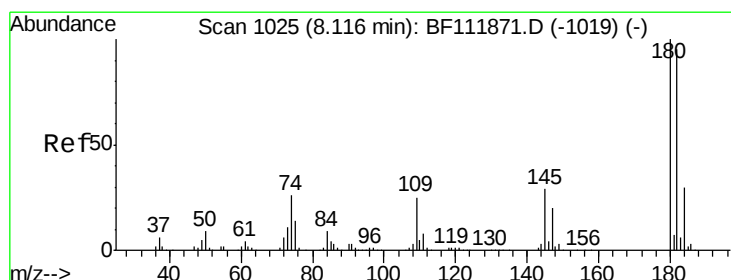
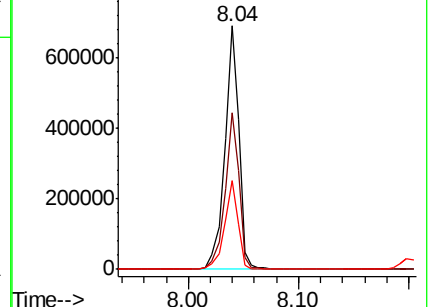
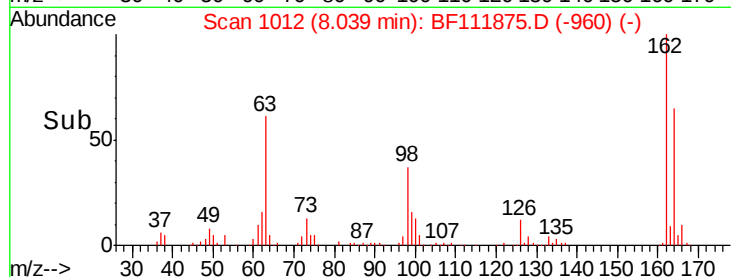
98 36.6 17.2 57.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 57.761 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

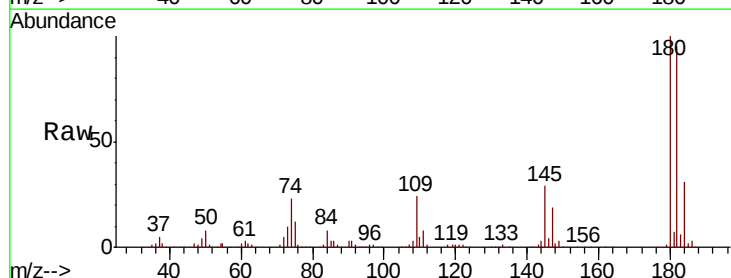
Tgt Ion:180 Resp: 672085

Ion Ratio Lower Upper

180 100

182 95.4 76.2 114.4

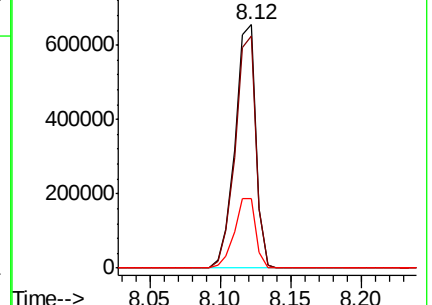
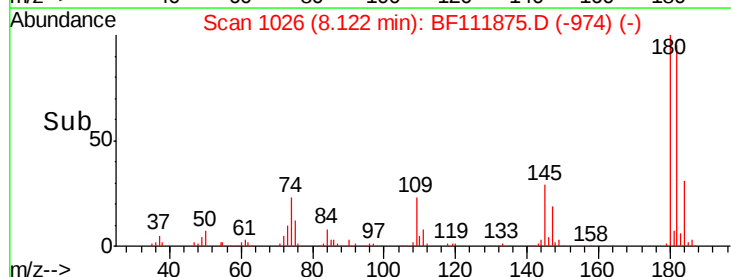
145 28.6 23.4 35.2

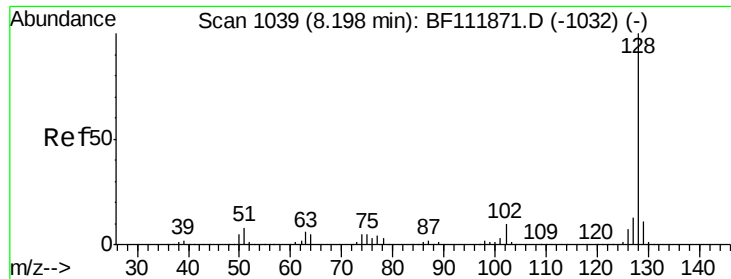


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

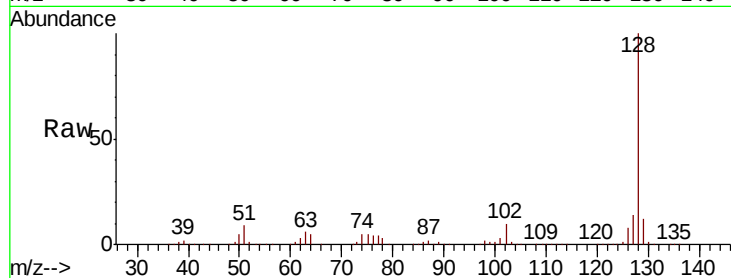




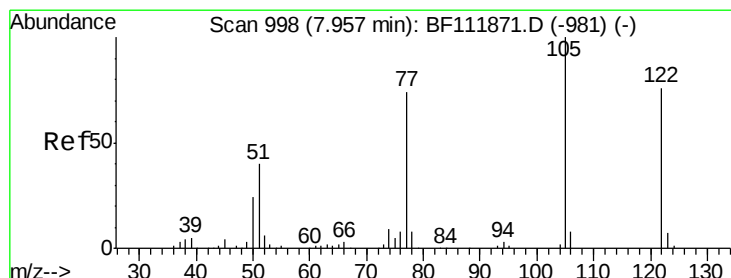
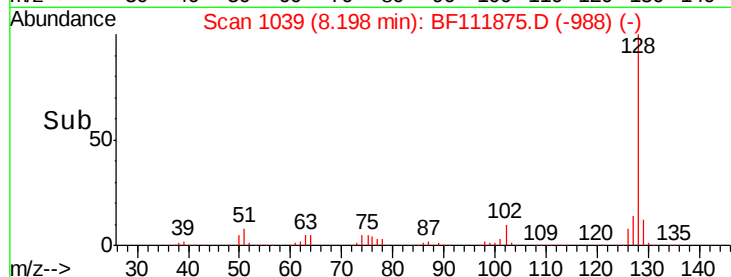
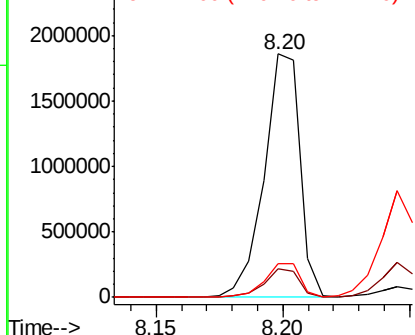
#31
Naphthalene
Concen: 57.311 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1848638
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 13.8 10.7 16.1

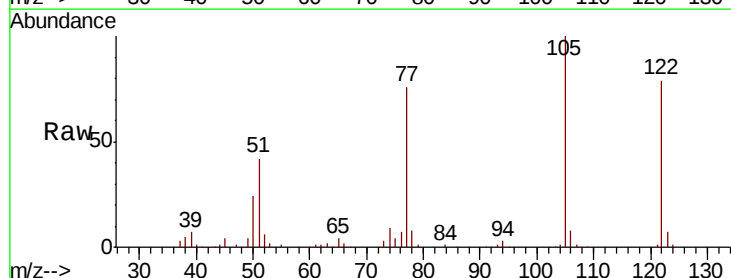


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

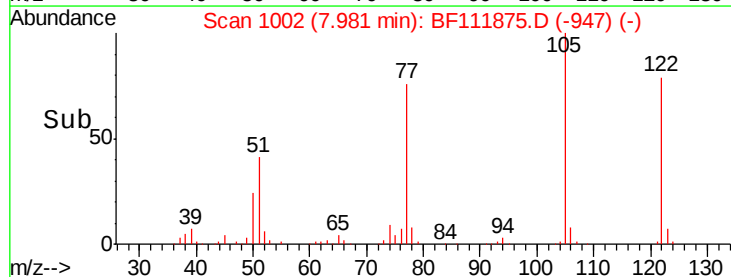
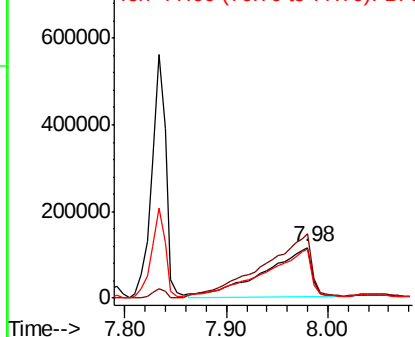


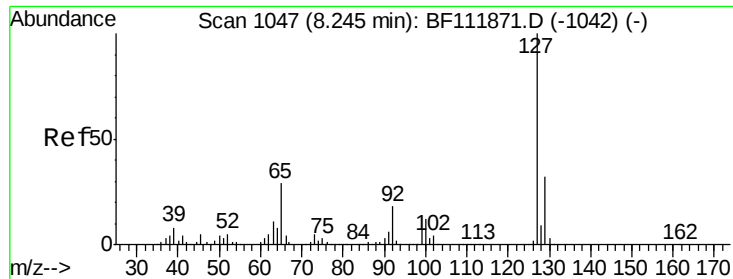
#32
Benzoic acid
Concen: 63.054 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.02 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

Tgt Ion:122 Resp: 373544
Ion Ratio Lower Upper
122 100
105 126.5 107.9 147.9
77 96.0 76.6 116.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

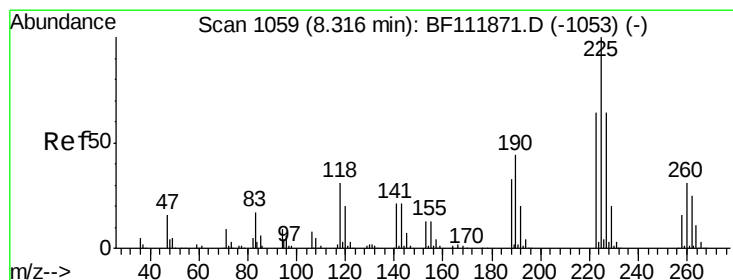
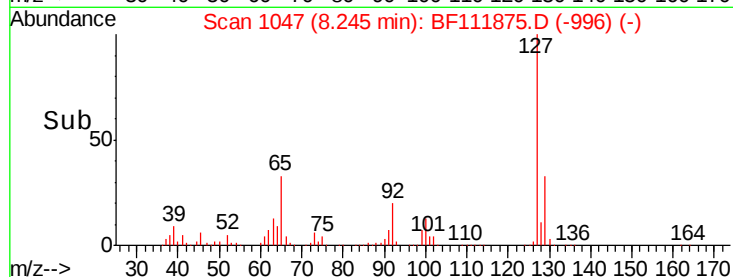
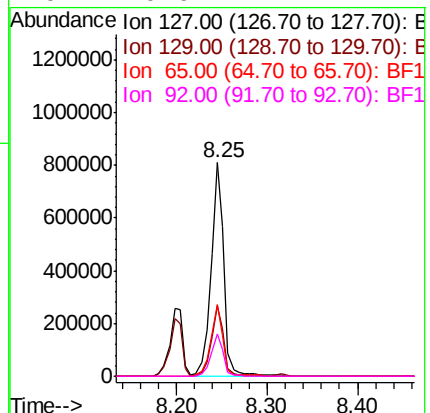
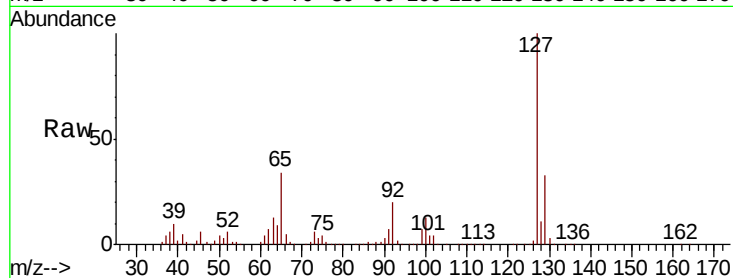




#33
4-Chloroaniline
Concen: 57.325 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

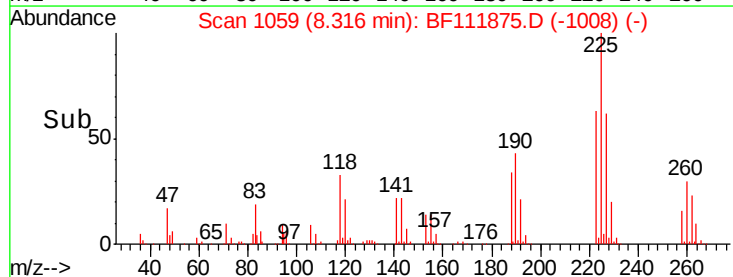
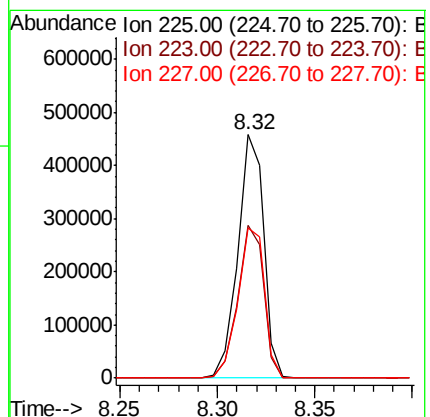
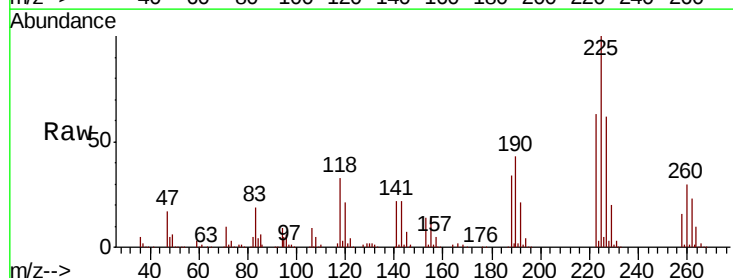
Instrument :
BNA_F
ClientSampleId :

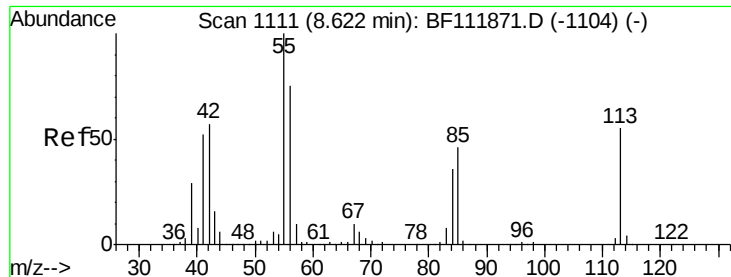
Tot Ion:	127	Resp:	800065
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.8	38.6
65	33.6	23.5	35.3
92	19.9	14.2	21.2



#34
Hexachlorobutadiene
Concen: 57.963 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

Tgt Ion:	225	Resp:	420644
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.9	76.3
227	61.9	51.4	77.0

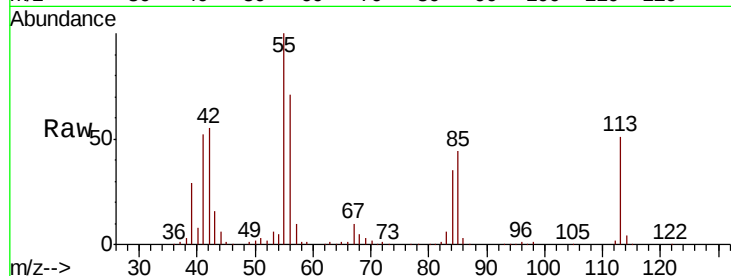




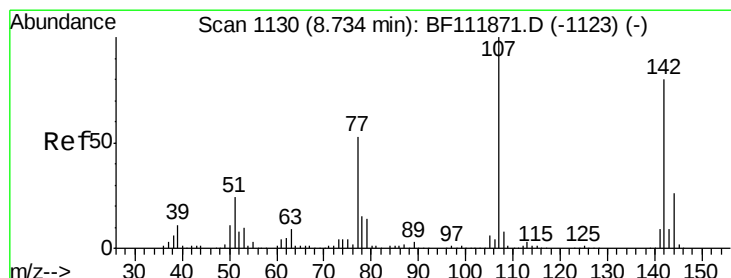
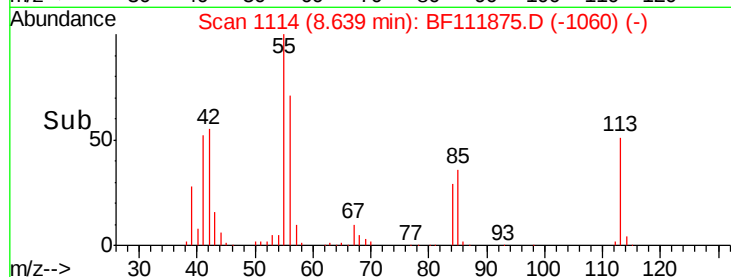
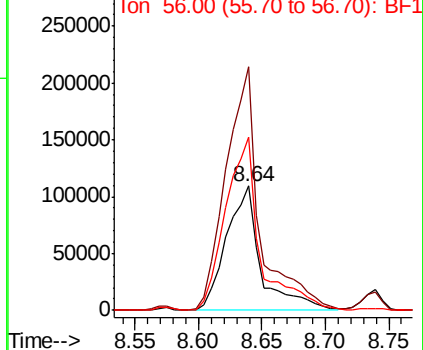
#35
Caprolactam
Concen: 59.974 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.02 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 205074
Ion Ratio Lower Upper
113 100
55 196.2 162.0 202.0
56 140.1 116.0 156.0

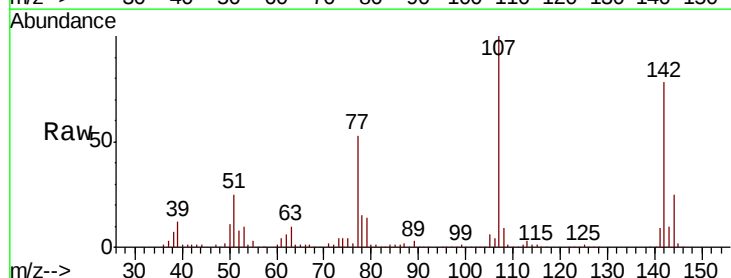


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

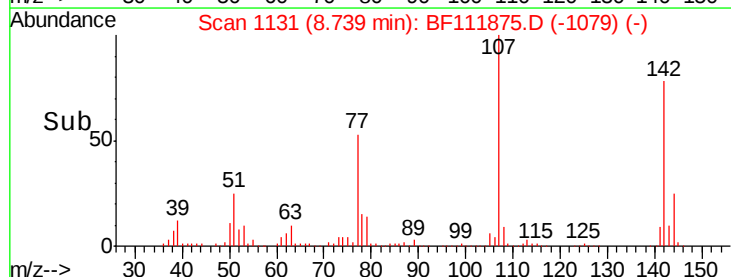
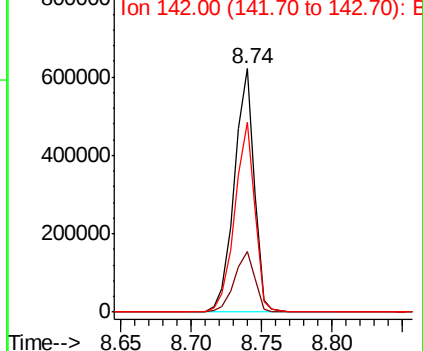


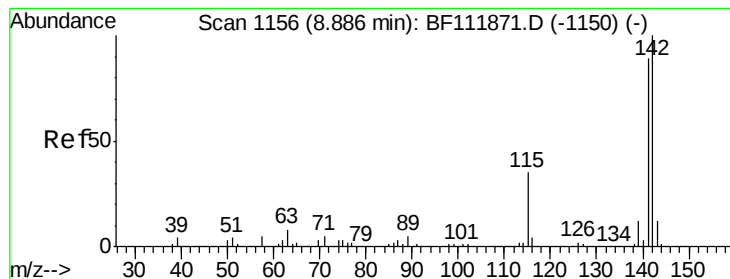
#36
4-Chloro-3-methylphenol
Concen: 58.600 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

Tgt Ion:107 Resp: 612824
Ion Ratio Lower Upper
107 100
144 25.0 20.7 31.1
142 78.2 63.9 95.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 61.384 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

Instrument :

BNA_F

ClientSampleId :

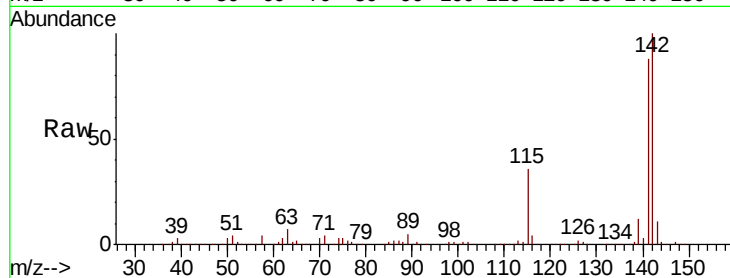
Tot Ion:142 Resp: 1224301

Ion Ratio Lower Upper

142 100

141 88.0 71.4 107.2

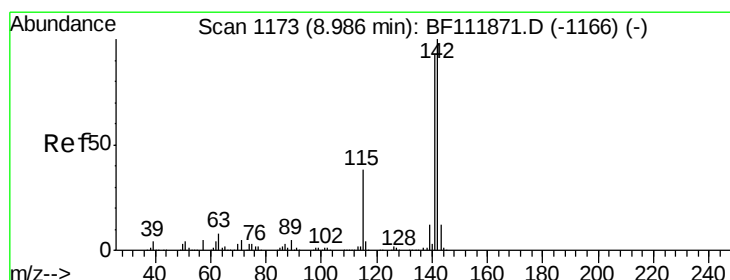
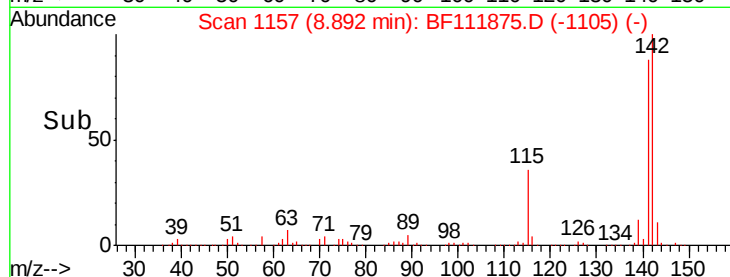
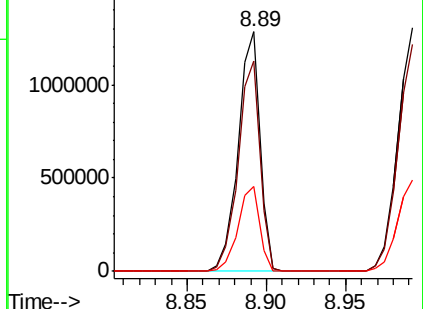
115 35.7 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 61.079 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

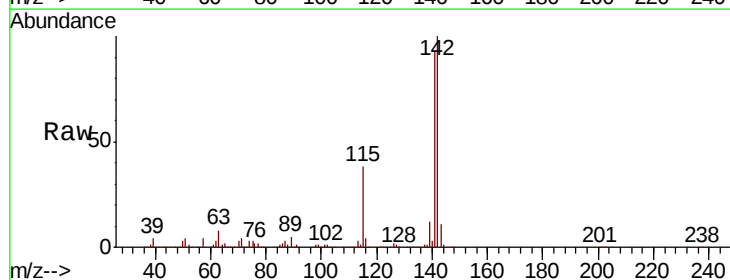
Tgt Ion:142 Resp: 1171806

Ion Ratio Lower Upper

142 100

141 93.1 74.8 112.2

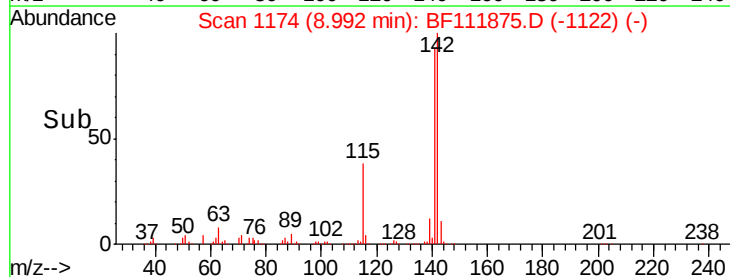
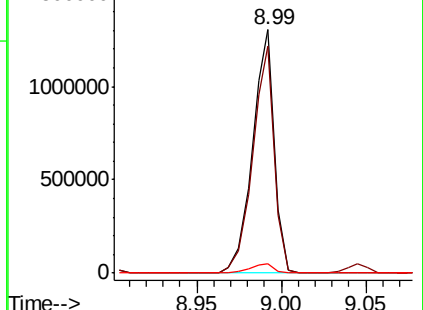
116 4.0 3.1 4.7

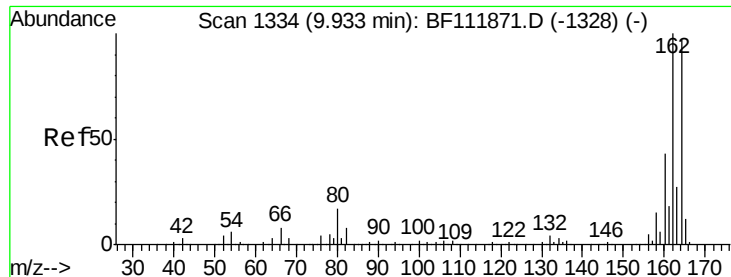


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

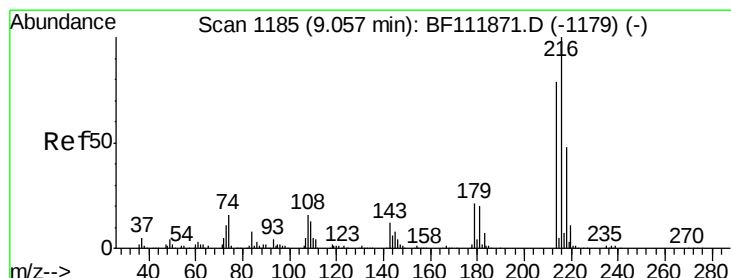
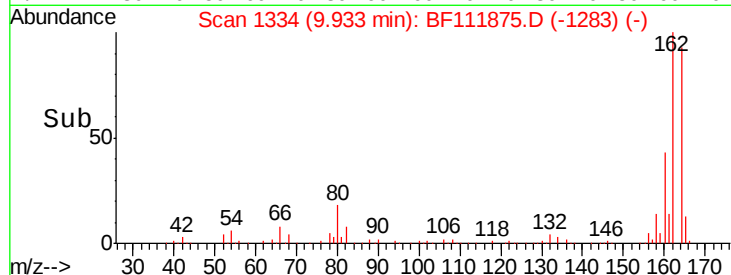
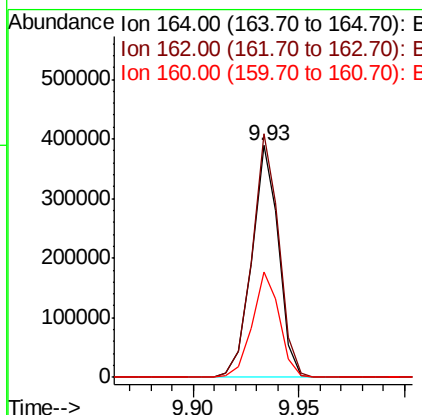
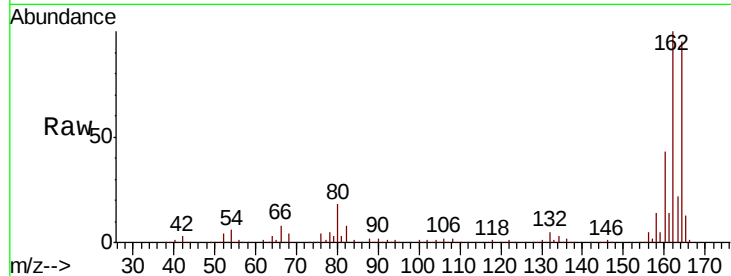




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

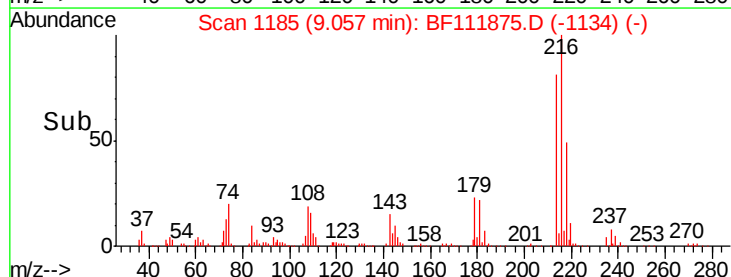
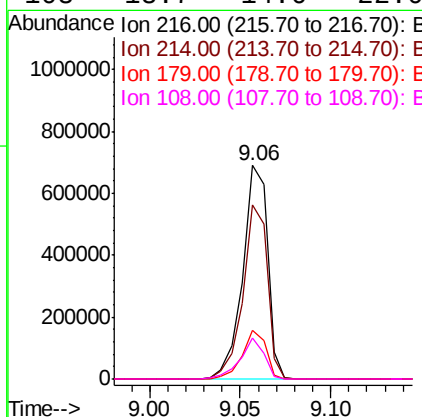
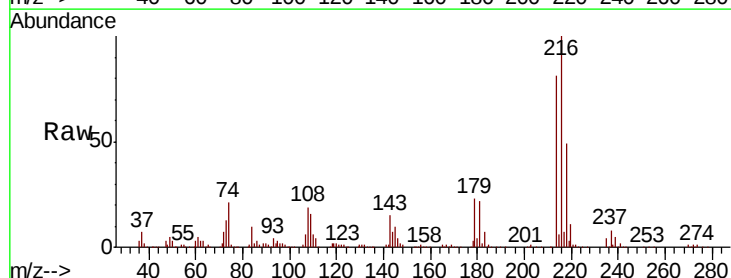
Instrument :
BNA_F
ClientSampleId :

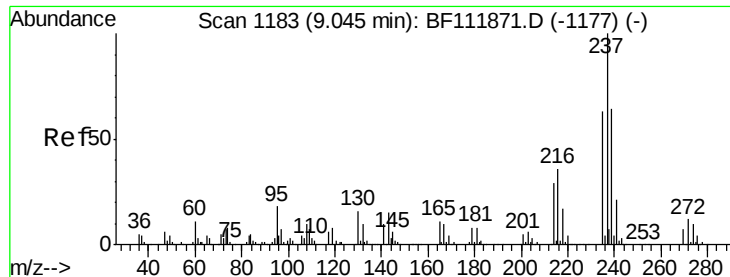
Tot Ion:164 Resp: 342180
Ion Ratio Lower Upper
164 100
162 104.9 82.2 123.2
160 45.2 35.5 53.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 60.377 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

Tgt Ion:216 Resp: 657271
Ion Ratio Lower Upper
216 100
214 79.9 63.5 95.3
179 21.6 17.0 25.6
108 18.7 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 64.297 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

Instrument :

BNA_F

ClientSampleId :

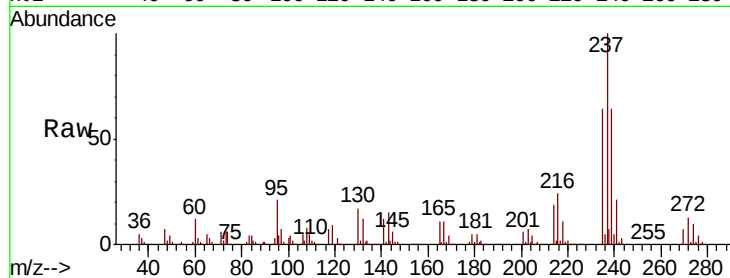
Tot Ion:237 Resp: 405192

Ion Ratio Lower Upper

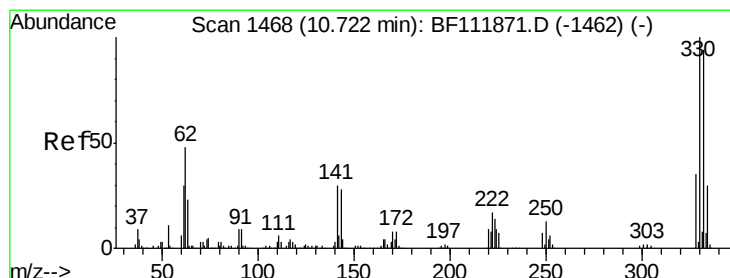
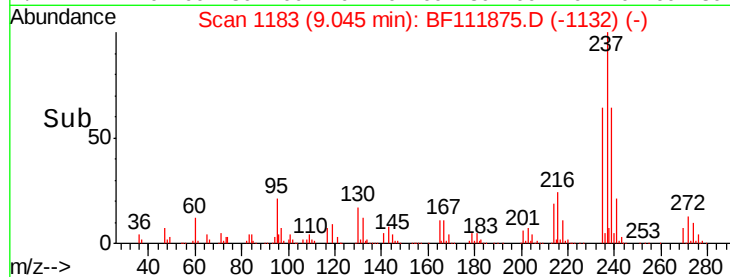
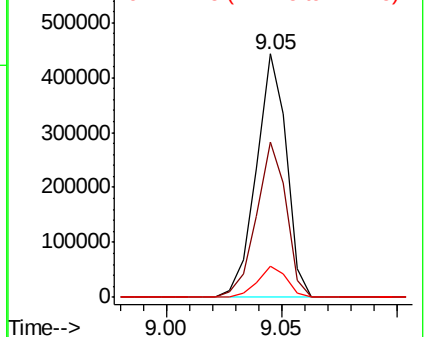
237 100

235 64.0 42.6 82.6

272 12.7 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 114.542 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

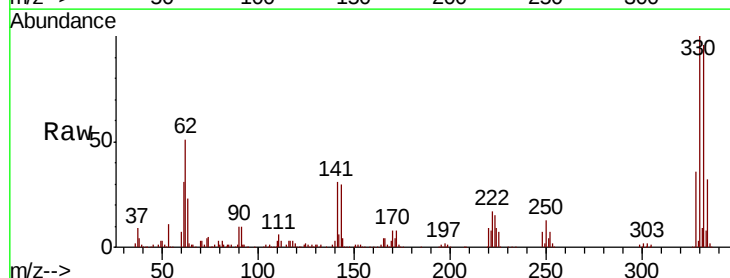
Tgt Ion:330 Resp: 505997

Ion Ratio Lower Upper

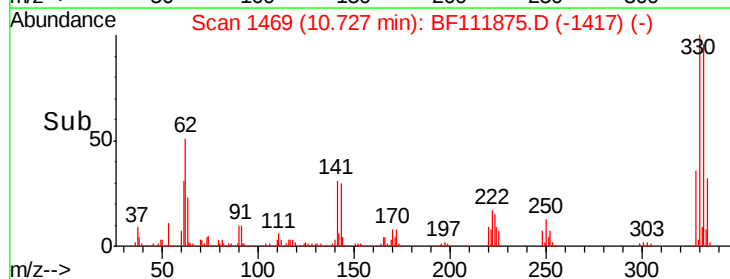
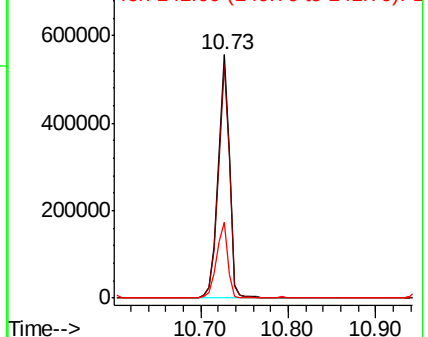
330 100

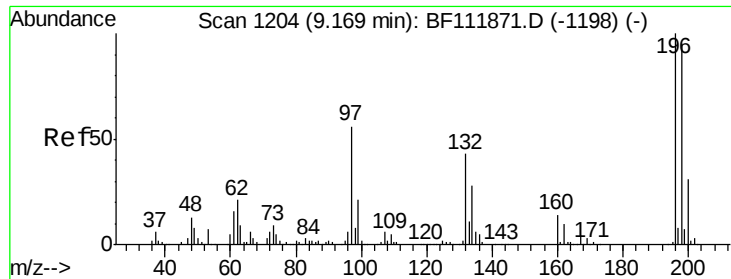
332 95.6 76.9 115.3

141 30.5 23.7 35.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

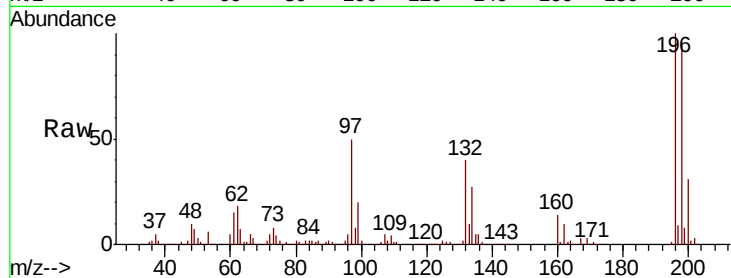




#43
 2,4,6-Trichlorophenol
 Concen: 61.510 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF111875.D
 Acq: 7 Jan 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	451977
Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.8	113.8
200	31.2	24.5	36.7

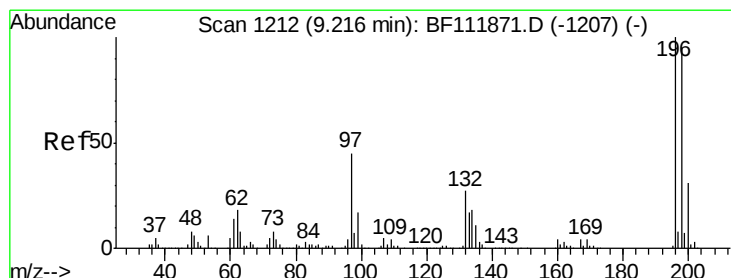
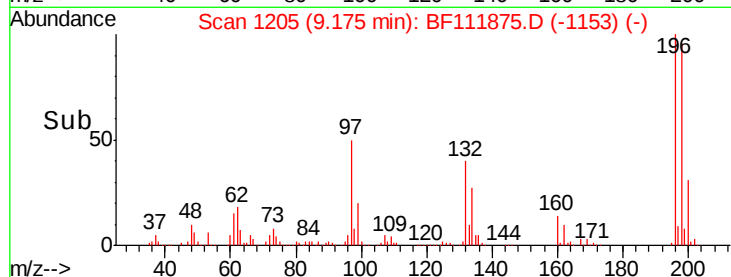
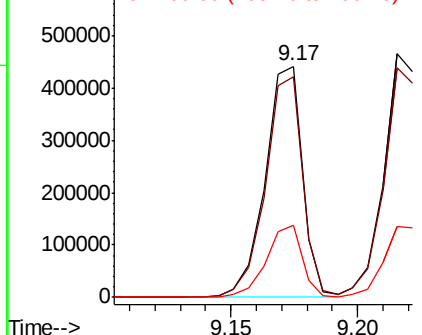


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 61.160 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF111875.D
 Acq: 7 Jan 2019 13:54

Tgt Ion	196	Resp	469276
Ion	Ratio	Lower	Upper
196	100		
198	94.2	76.2	114.2
97	54.0	36.4	54.6
132	29.6	21.7	32.5

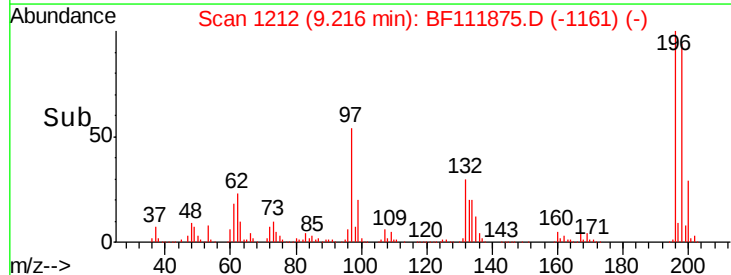
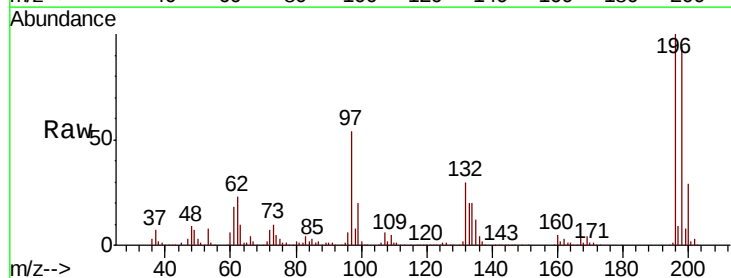
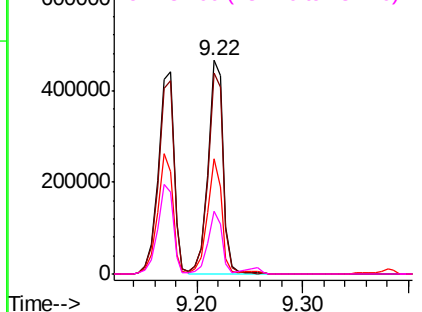
Abundance

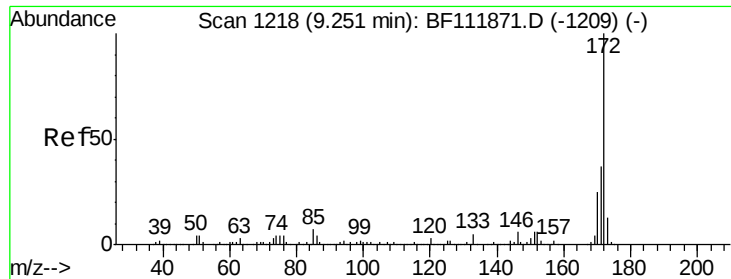
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



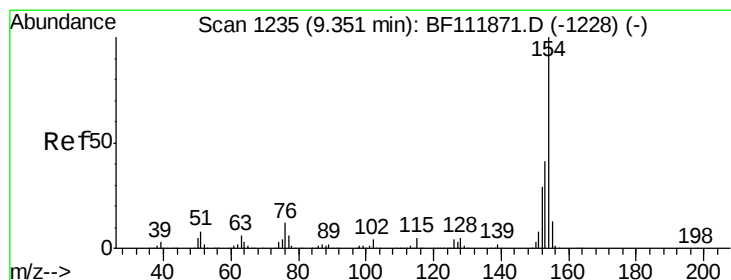
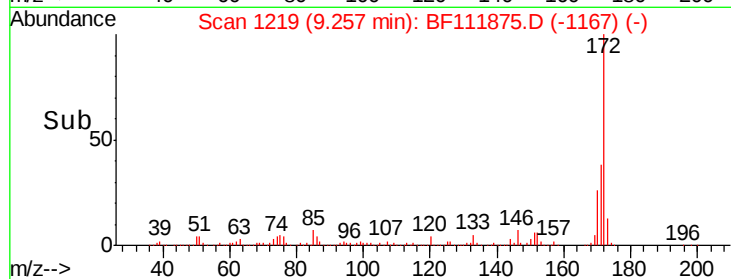
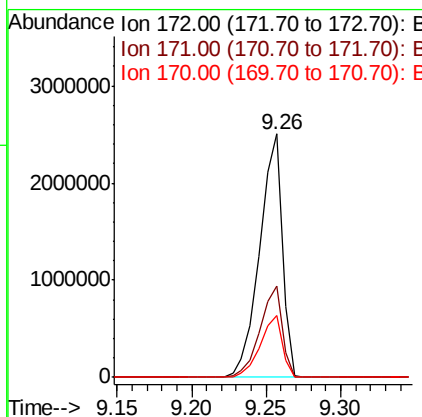
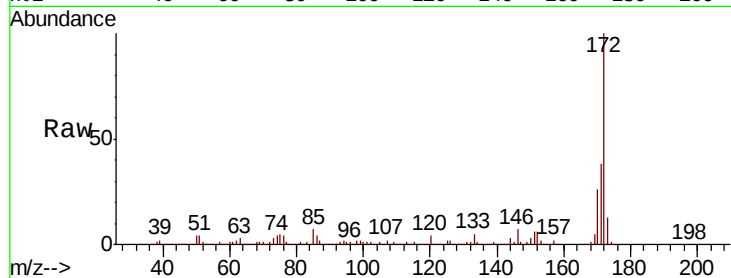


#45
 2-Fluorobiphenyl
 Concen: 111.277 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.01 min
 Lab File: BF111875.D
 Acq: 7 Jan 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2606050

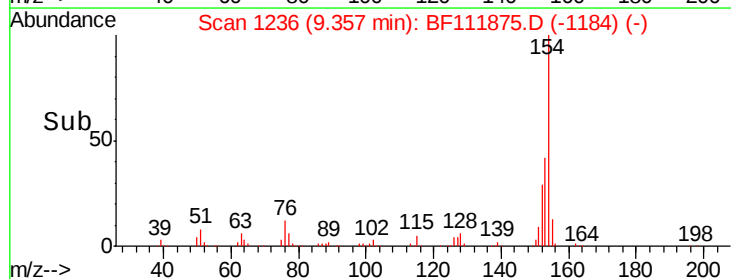
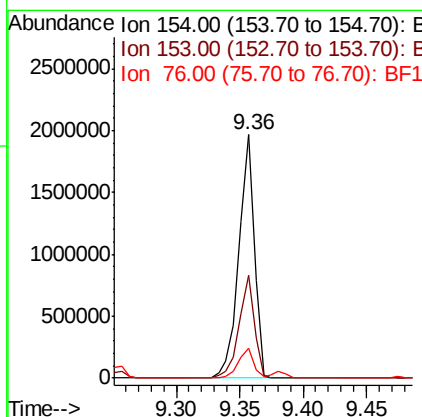
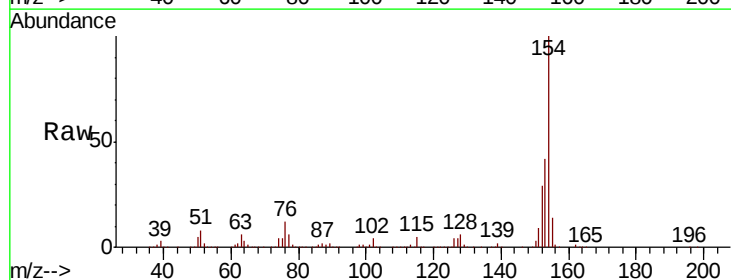
Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.6	44.4
170	25.6	19.8	29.8

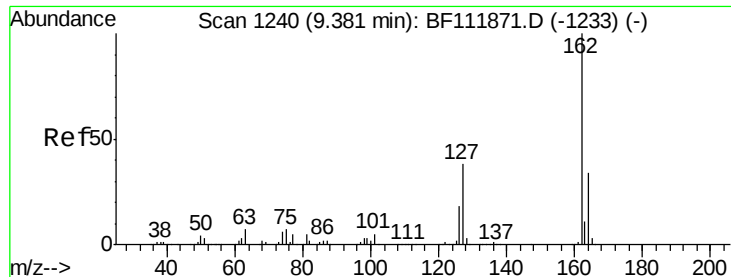


#46
 1,1'-Biphenyl
 Concen: 57.973 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: BF111875.D
 Acq: 7 Jan 2019 13:54

Tgt Ion:154 Resp: 1653909

Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.3	61.3
76	12.2	0.0	32.3

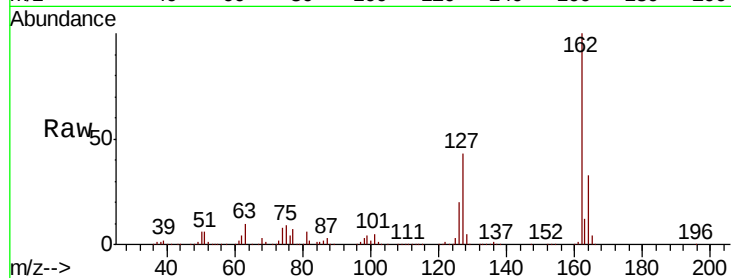




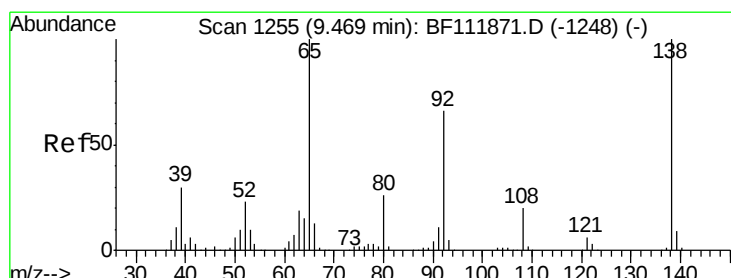
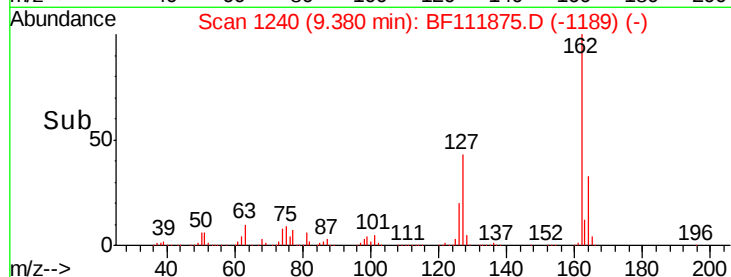
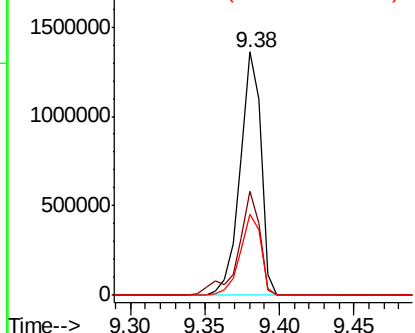
#47
 2-Chloronaphthalene
 Concen: 59.167 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF111875.D
 Acq: 7 Jan 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1323392
 Ion Ratio Lower Upper
 162 100
 127 42.8 31.2 46.8
 164 33.3 27.0 40.6

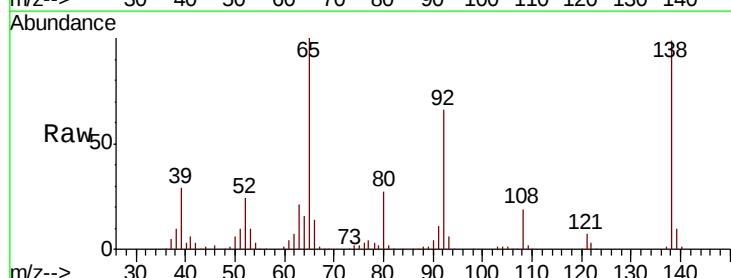


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

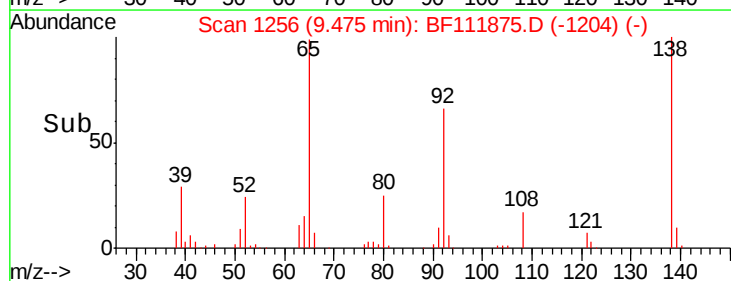
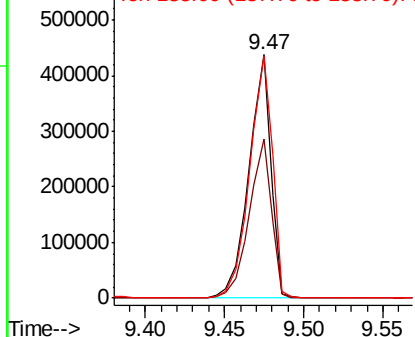


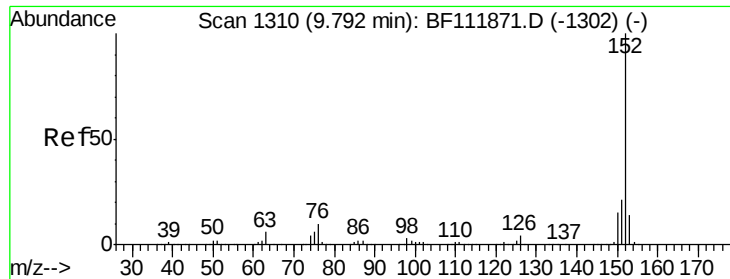
#48
 2-Nitroaniline
 Concen: 61.146 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF111875.D
 Acq: 7 Jan 2019 13:54

Tgt Ion: 65 Resp: 419794
 Ion Ratio Lower Upper
 65 100
 92 65.5 52.5 78.7
 138 99.4 79.8 119.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 57.619 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

Instrument :

BNA_F

ClientSampled :

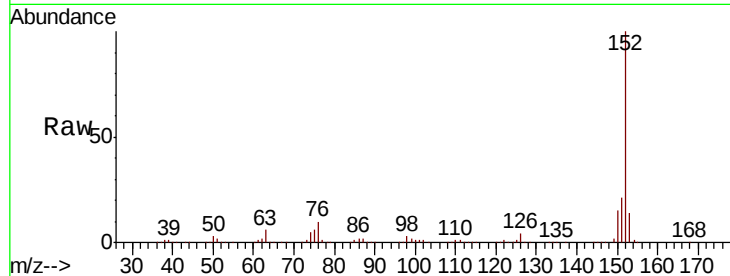
Tot Ion:152 Resp: 1914110

Ion Ratio Lower Upper

152 100

151 21.0 16.6 25.0

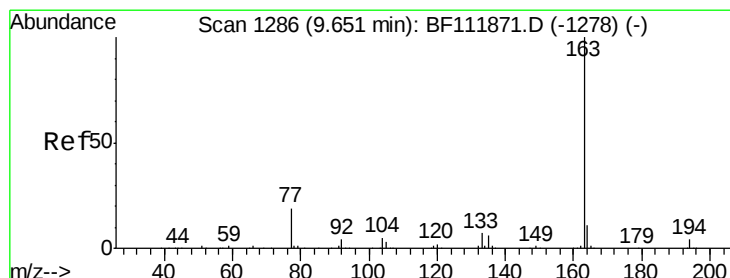
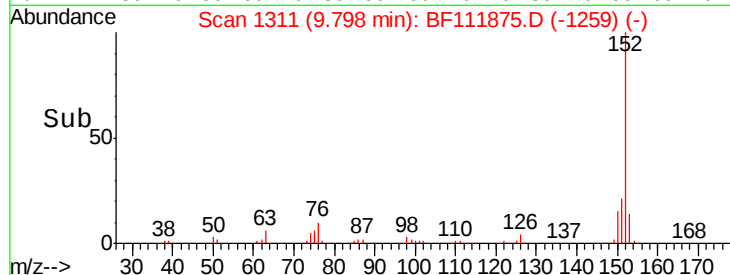
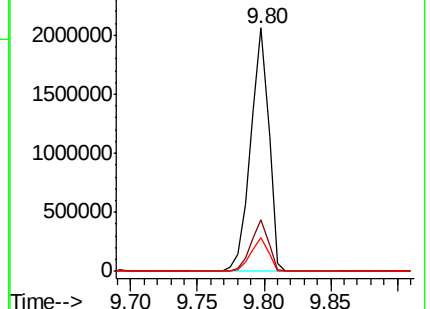
153 13.8 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 59.177 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

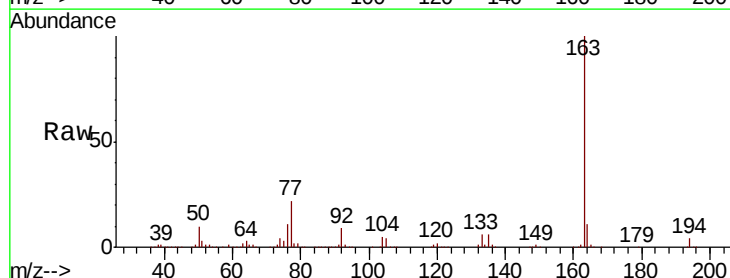
Tgt Ion:163 Resp: 1520776

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

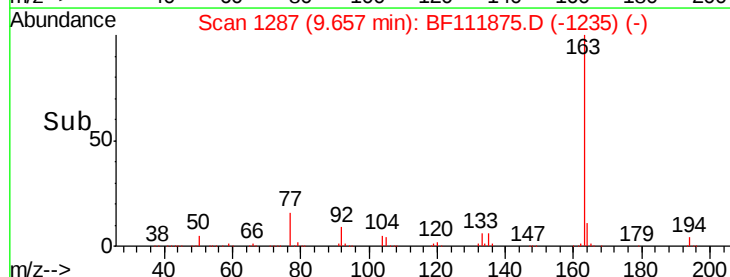
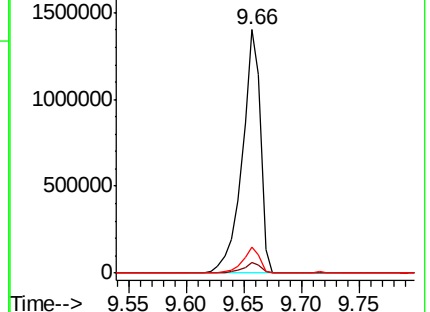
164 10.6 8.5 12.7

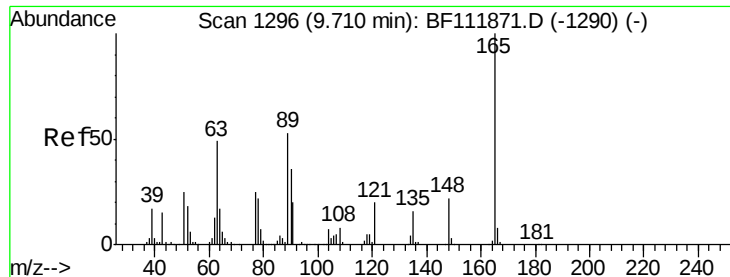


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

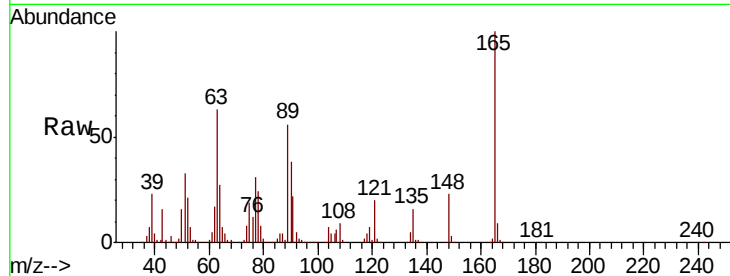




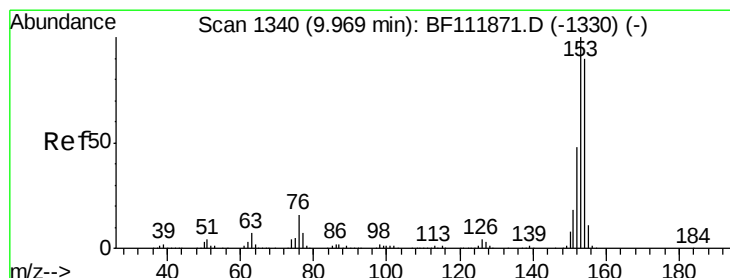
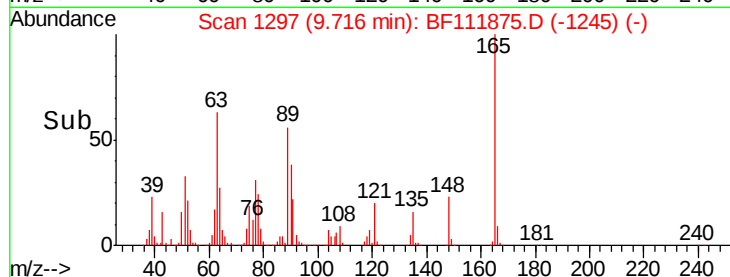
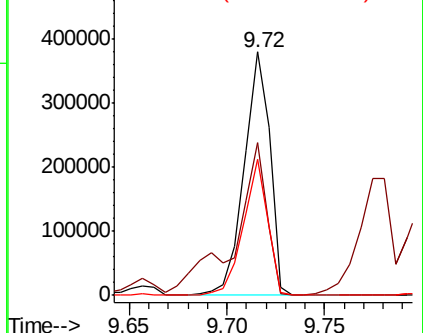
#51
2,6-Dinitrotoluene
Concen: 60.753 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 348182
Ion Ratio Lower Upper
165 100
63 62.9 46.2 69.2
89 56.1 42.2 63.2

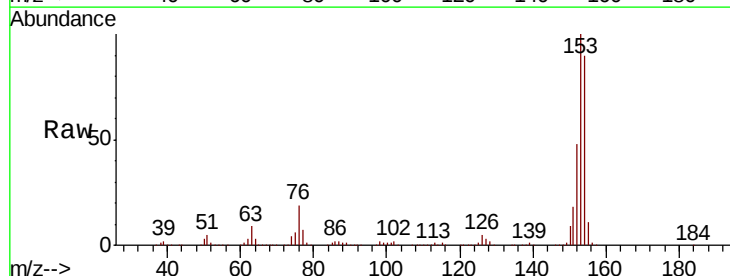


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

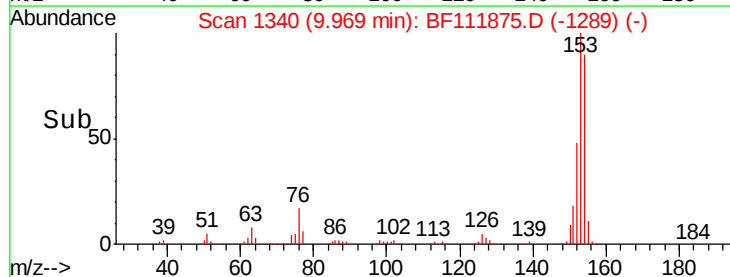
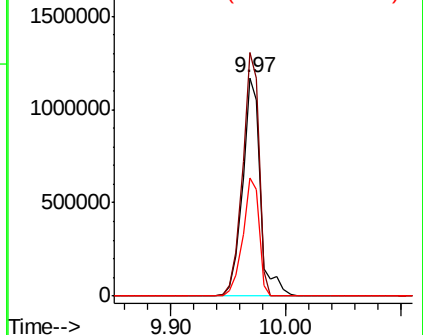


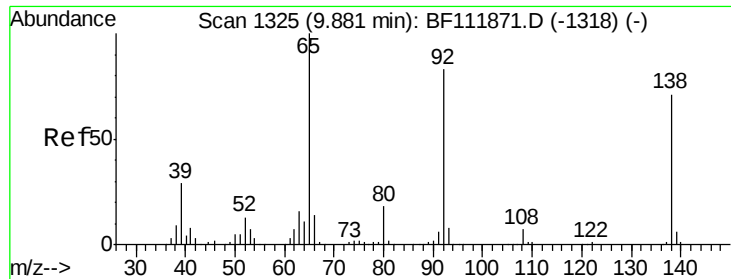
#52
Acenaphthene
Concen: 58.118 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

Tgt Ion:154 Resp: 1244456
Ion Ratio Lower Upper
154 100
153 111.4 89.4 134.0
152 54.0 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

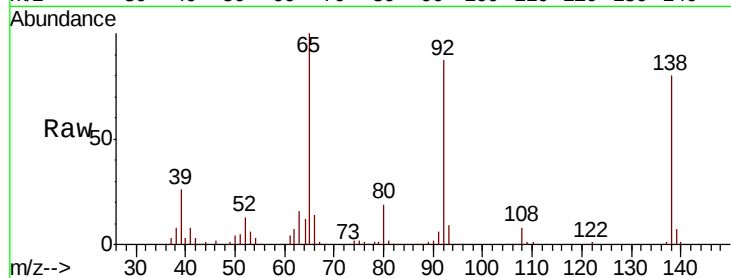




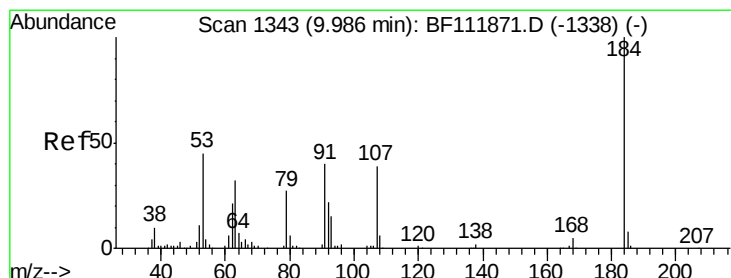
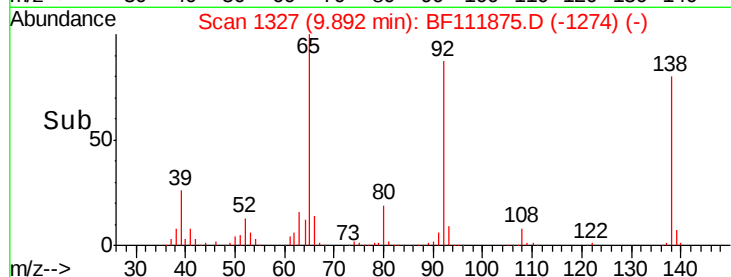
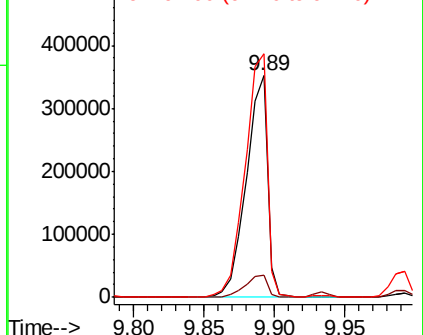
#53
3-Nitroaniline
Concen: 60.769 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 373013
Ion Ratio Lower Upper
138 100
108 9.9 8.2 12.4
92 109.8 93.5 140.3

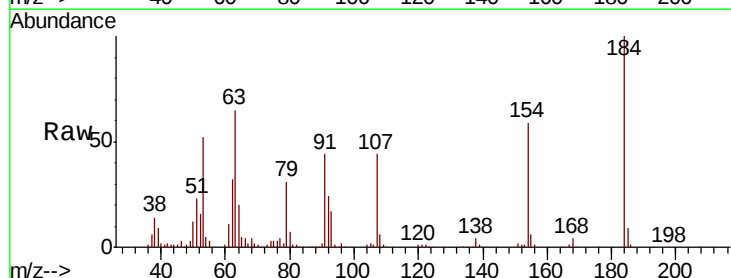


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

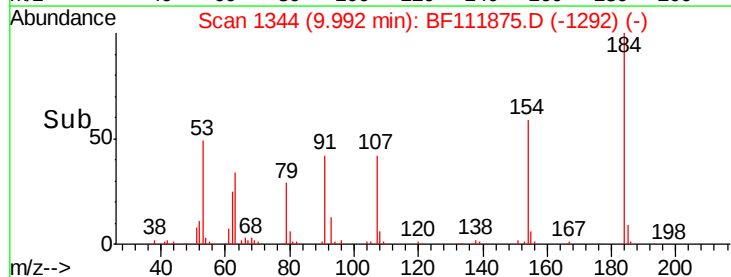
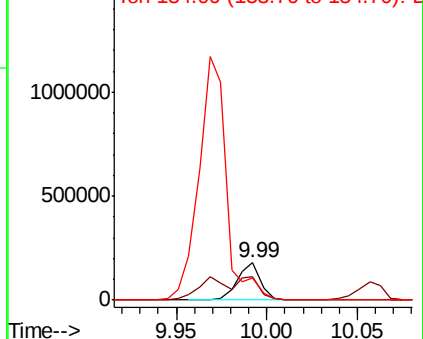


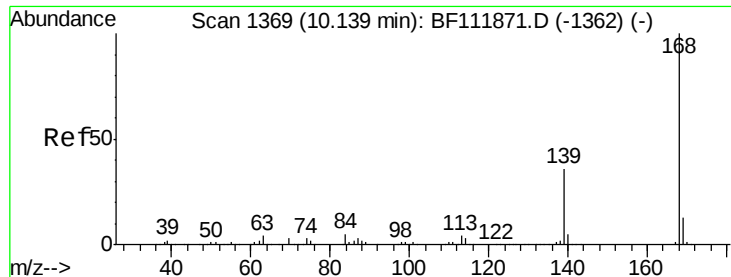
#54
2,4-Dinitrophenol
Concen: 65.600 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

Tgt Ion:184 Resp: 159737
Ion Ratio Lower Upper
184 100
63 64.9 46.9 70.3
154 59.5 46.9 70.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

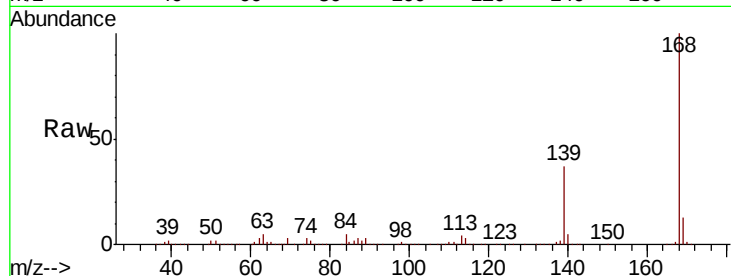




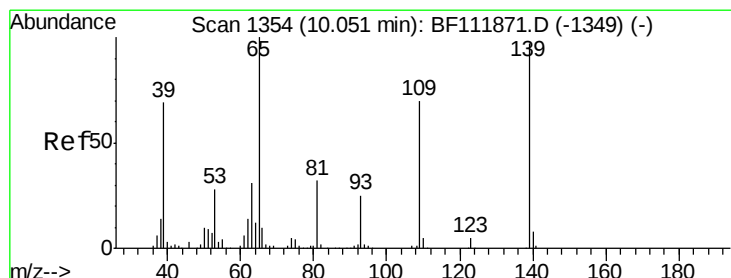
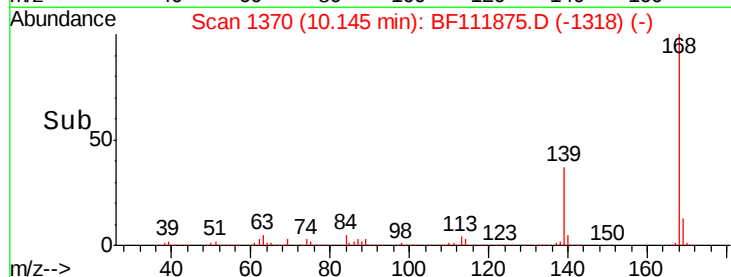
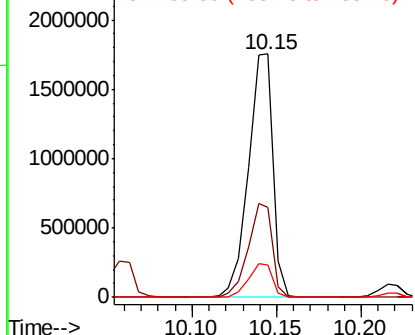
#55
Dibenzenofuran
Concen: 57.417 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1785138
Ion Ratio Lower Upper
168 100
139 37.0 29.3 43.9
169 13.4 10.6 16.0

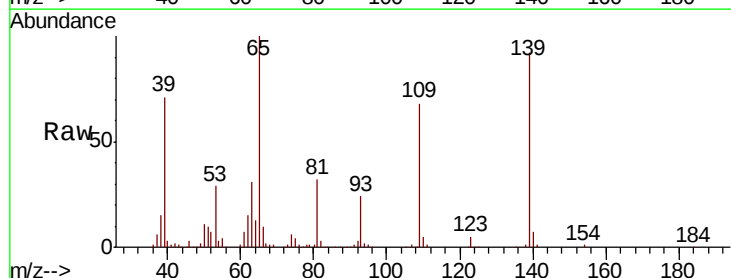


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

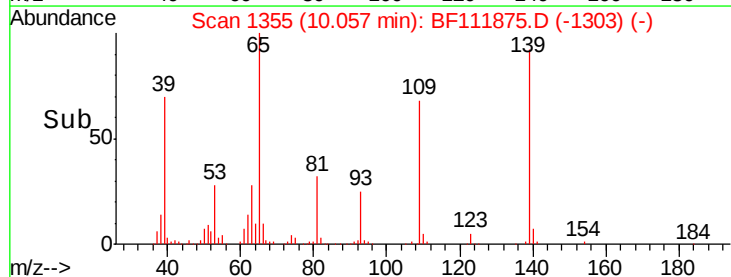
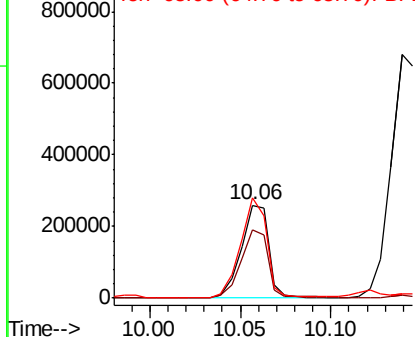


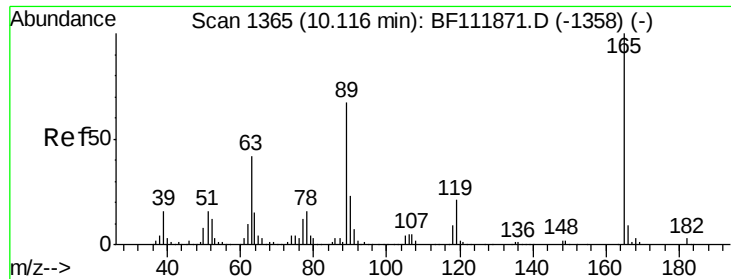
#56
4-Nitrophenol
Concen: 63.935 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

Tgt Ion:139 Resp: 276178
Ion Ratio Lower Upper
139 100
109 73.3 52.2 92.2
65 108.4 83.1 123.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

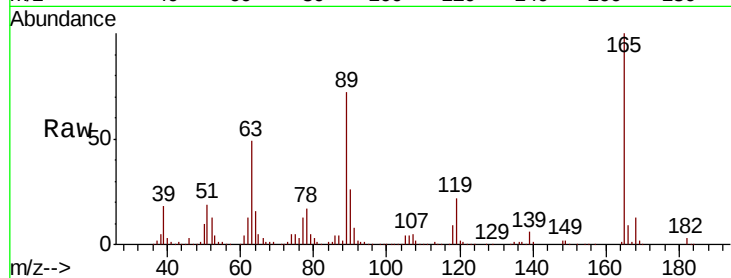




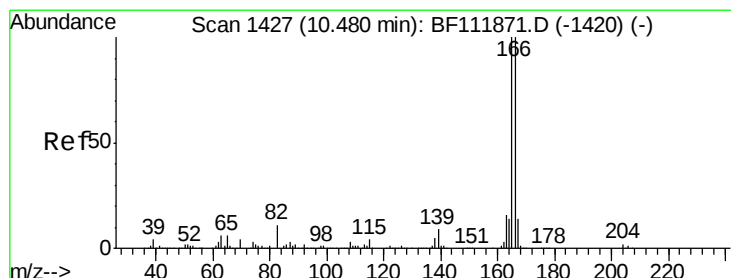
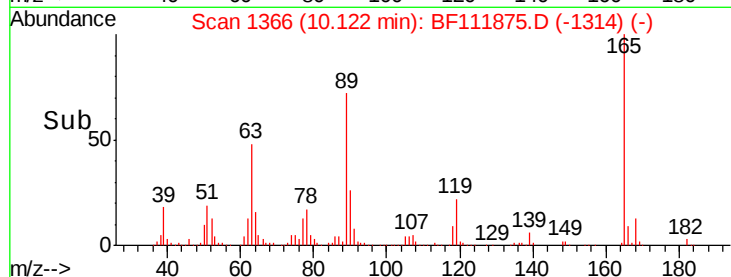
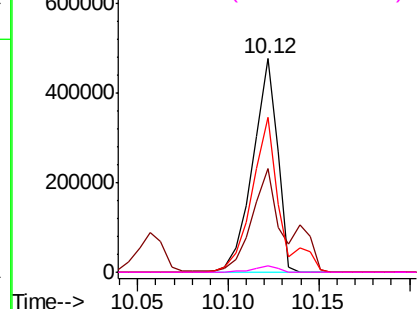
#57
2,4-Dinitrotoluene
Concen: 61.424 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.6	34.1	51.1
89	72.4	53.5	80.3
182	2.8	2.0	3.0

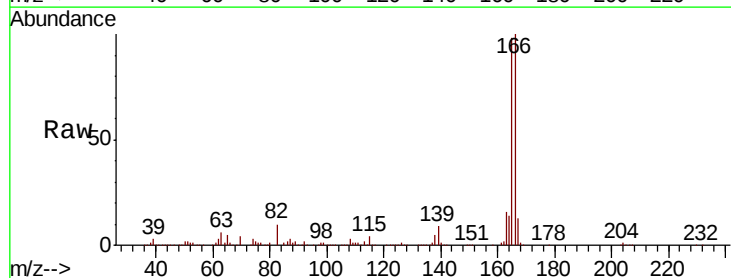


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

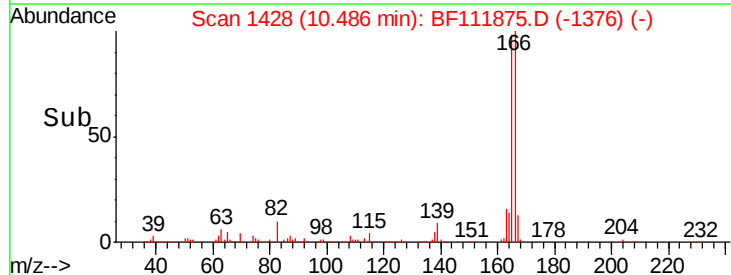
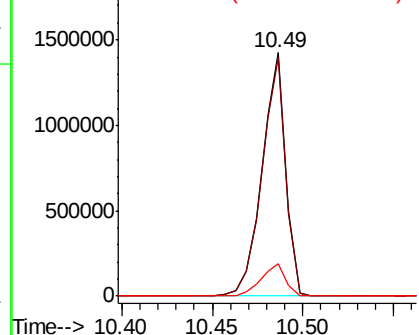


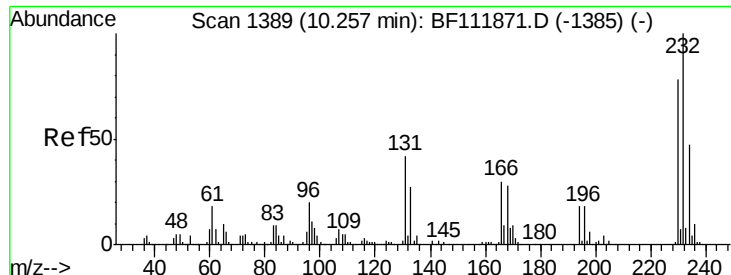
#58
Fluorene
Concen: 57.043 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.7	119.5
167	13.5	11.1	16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

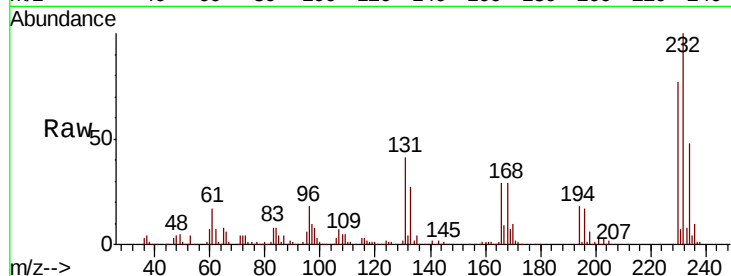




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 59.559 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF111875.D
 Acq: 7 Jan 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.1	34.0	51.0
130	2.1	1.6	2.4
166	29.5	23.4	35.0



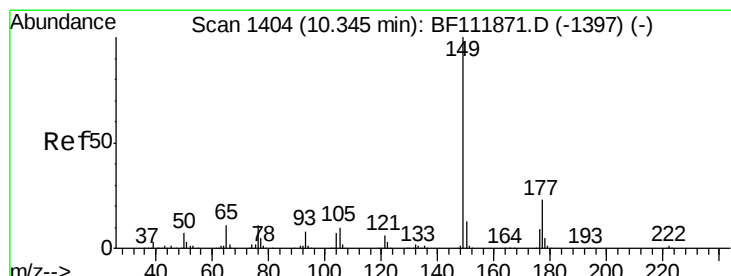
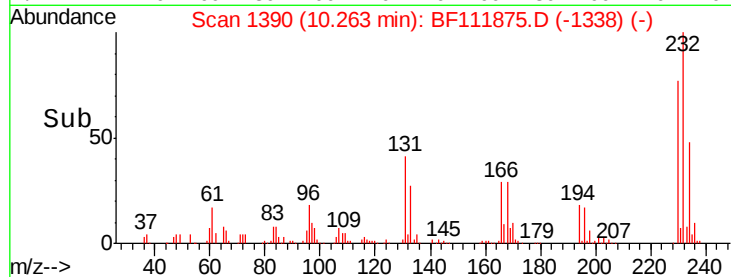
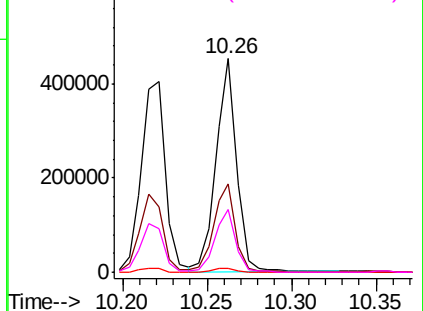
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

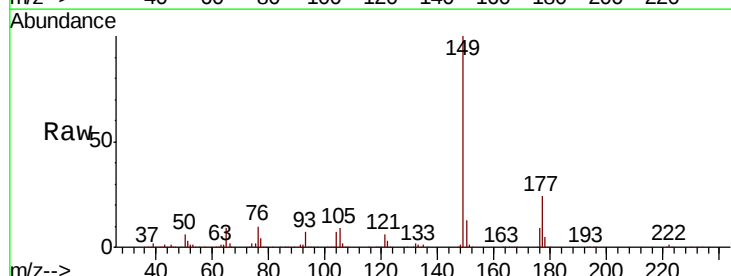
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 58.374 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF111875.D
 Acq: 7 Jan 2019 13:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.3	27.5
150	12.7	10.2	15.4

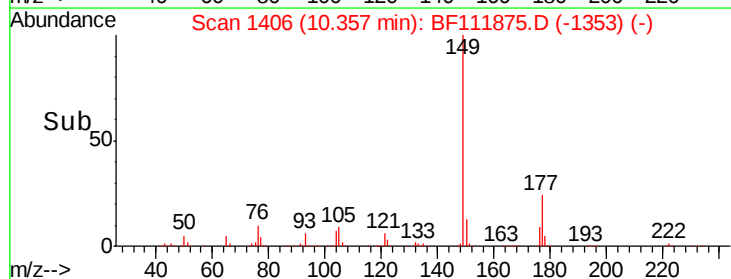
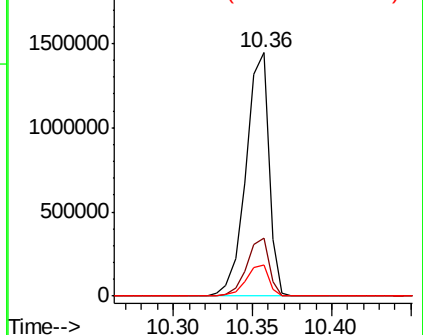


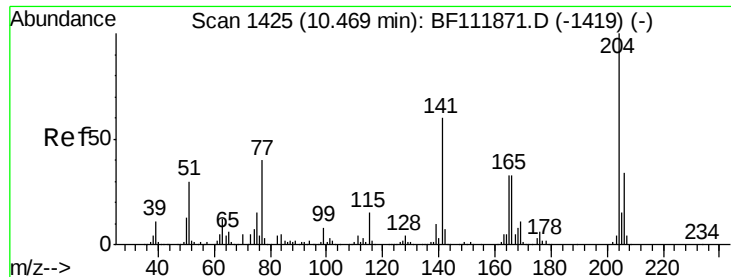
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 56.295 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

Instrument :

BNA_F

ClientSampled :

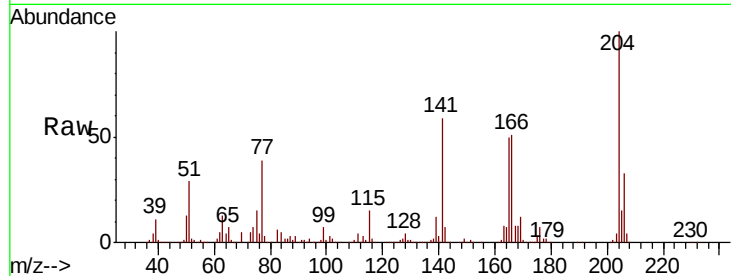
Tot Ion:204 Resp: 712949

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.9	40.3
141	59.2	47.9	71.9

204 100

206 32.9 26.9 40.3

141 59.2 47.9 71.9

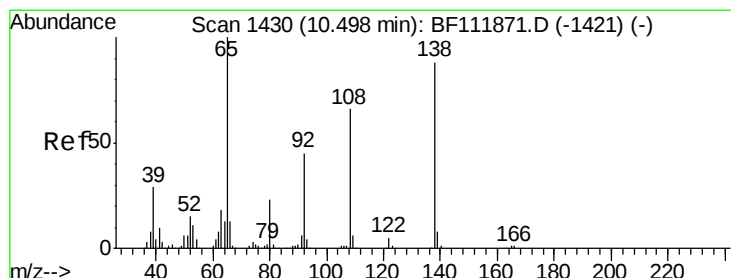
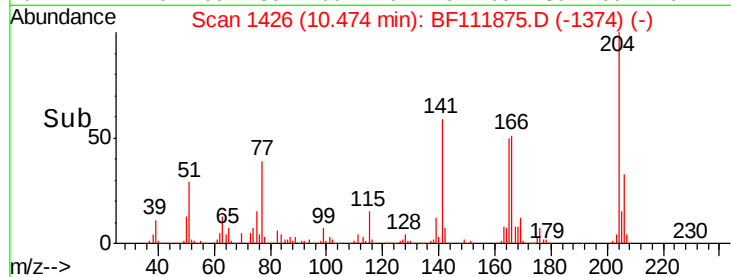
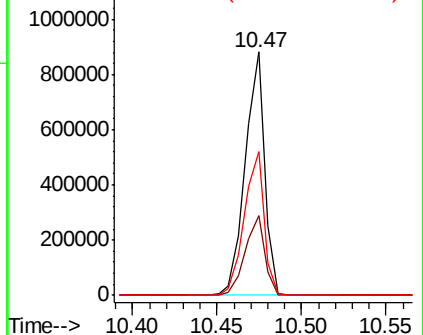


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 62.345 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

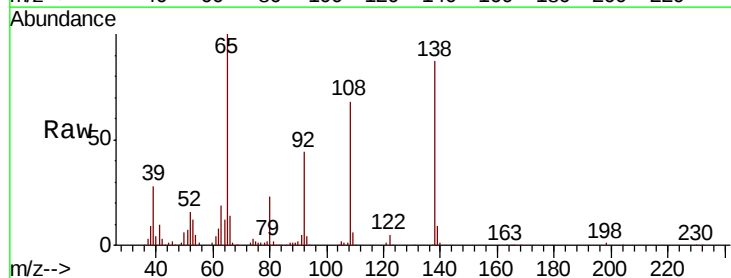
Tgt Ion:138 Resp: 359496

Ion	Ratio	Lower	Upper
138	100		
92	50.3	31.0	71.0
108	78.0	54.7	94.7

138 100

92 50.3 31.0 71.0

108 78.0 54.7 94.7

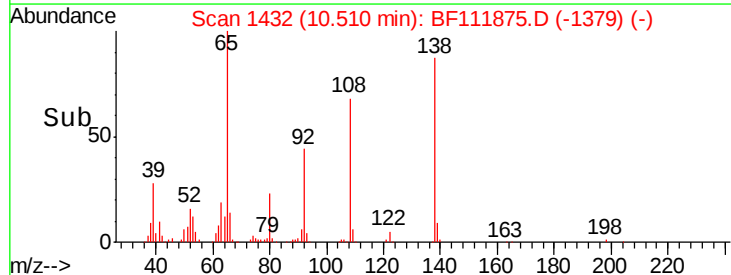
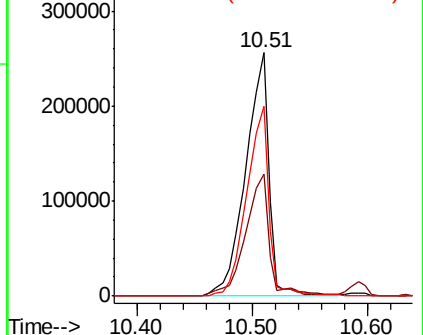


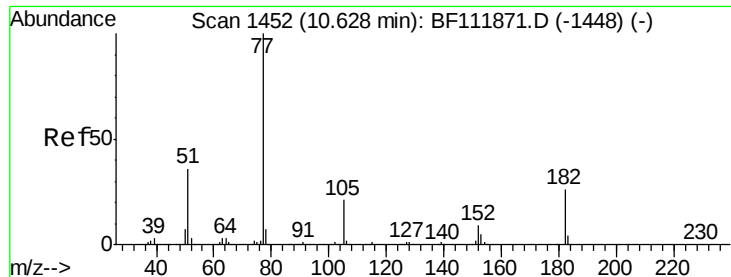
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 59.268 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

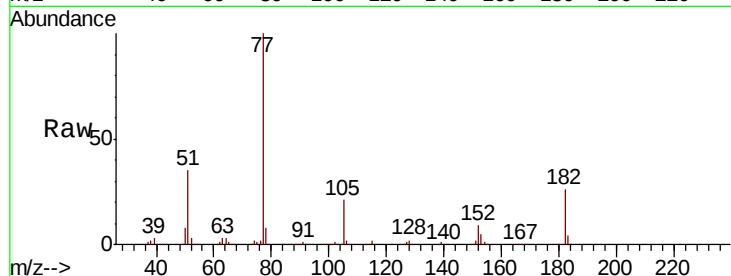
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1404228

Ion	Ratio	Lower	Upper
77	100		
182	26.2	5.7	45.7
105	21.0	0.8	40.8
51	35.1	15.6	55.6

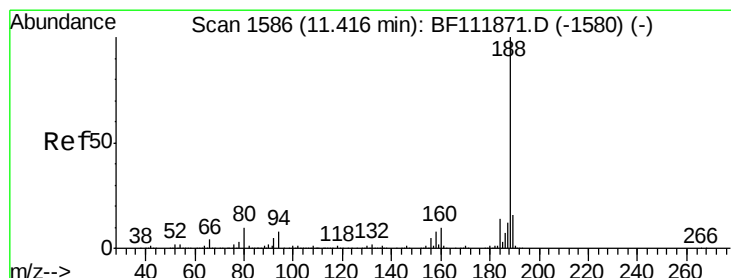
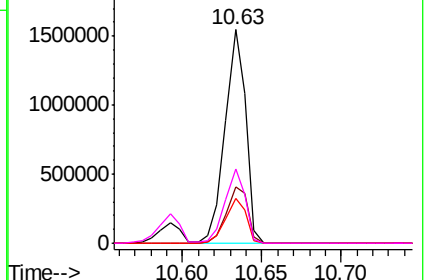
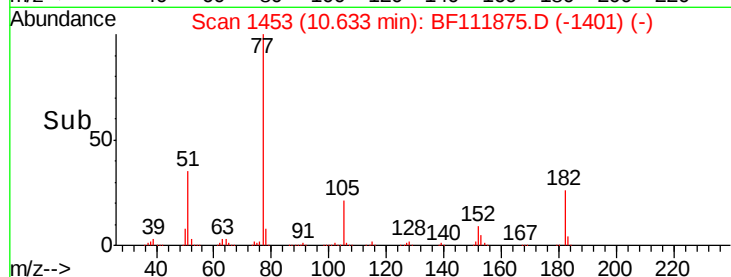


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

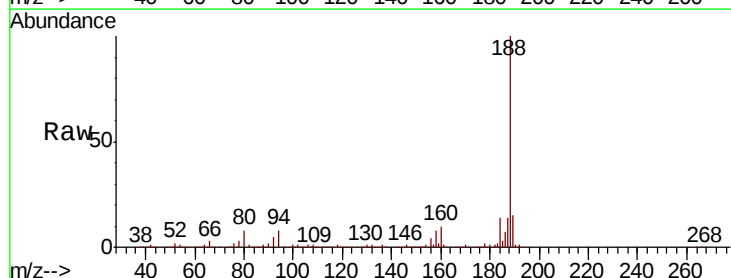
Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

Tgt Ion: 188 Resp: 643568

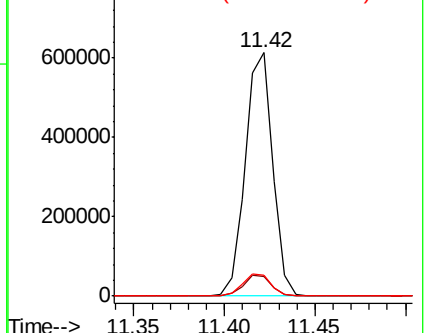
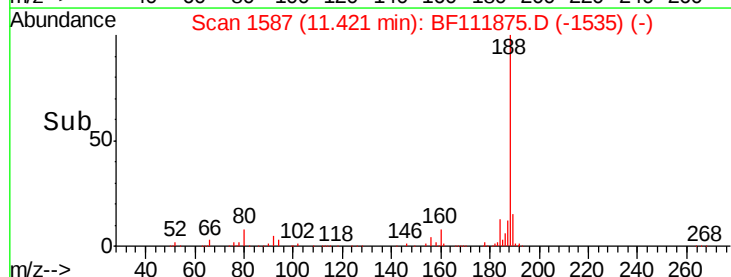
Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.6	10.0
80	8.4	7.7	11.5

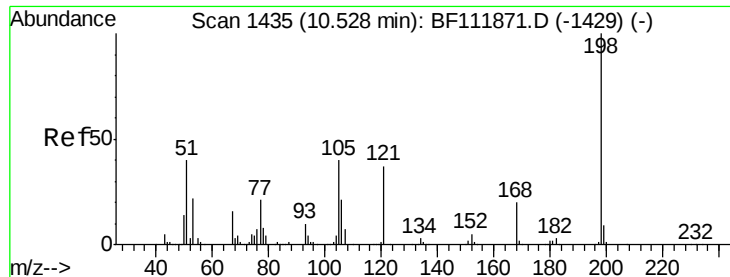


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

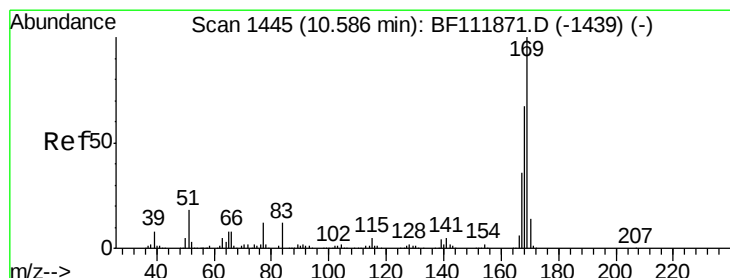
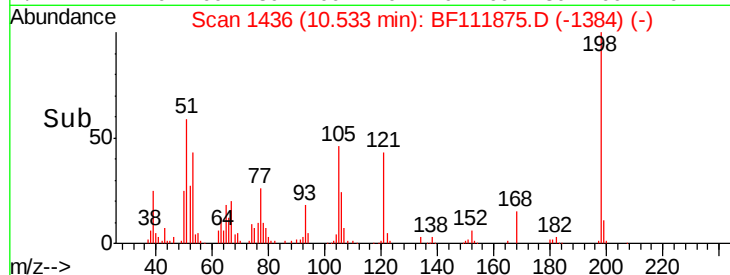
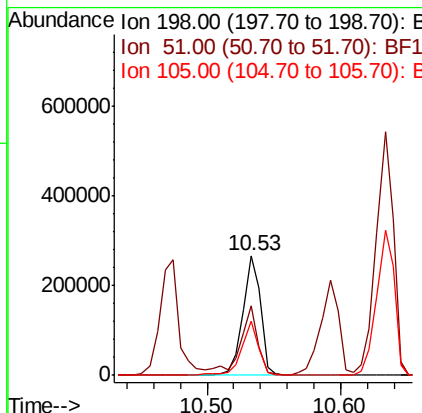
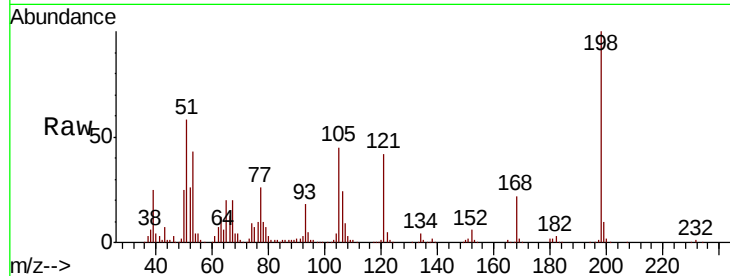




#65
 4,6-Dinitro-2-methylphenol
 Concen: 61.618 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF111875.D
 Acq: 7 Jan 2019 13:54

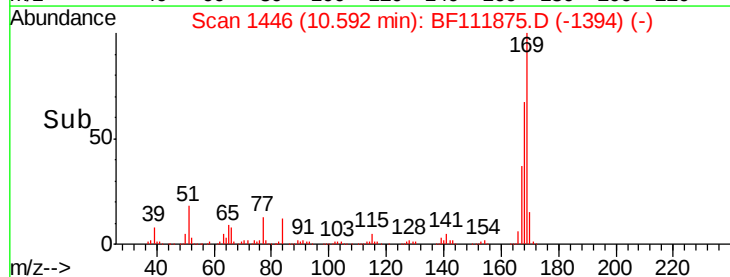
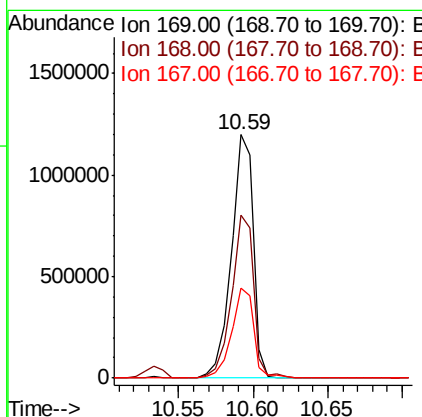
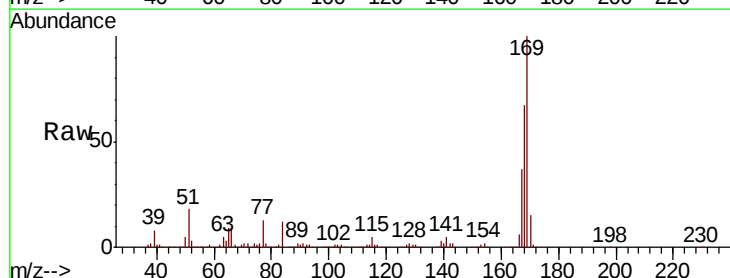
Instrument :
 BNA_F
 ClientSampleId :

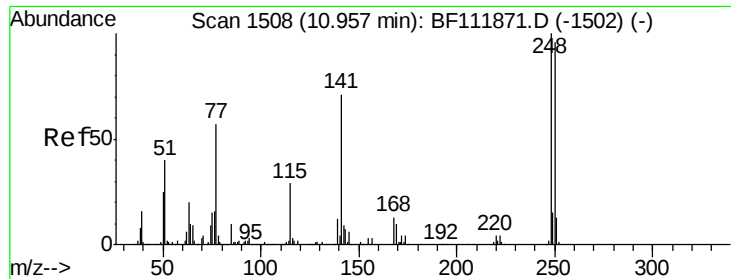
Tot Ion:198 Resp: 246996
 Ion Ratio Lower Upper
 198 100
 51 57.8 27.2 67.2
 105 44.9 21.0 61.0



#66
 n-Nitrosodiphenylamine
 Concen: 56.882 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.01 min
 Lab File: BF111875.D
 Acq: 7 Jan 2019 13:54

Tgt Ion:169 Resp: 1243943
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.8 80.6
 167 37.1 29.1 43.7

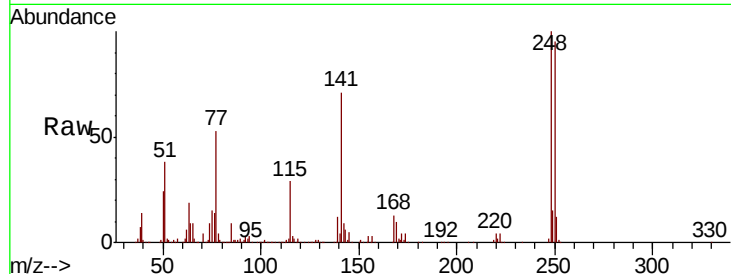




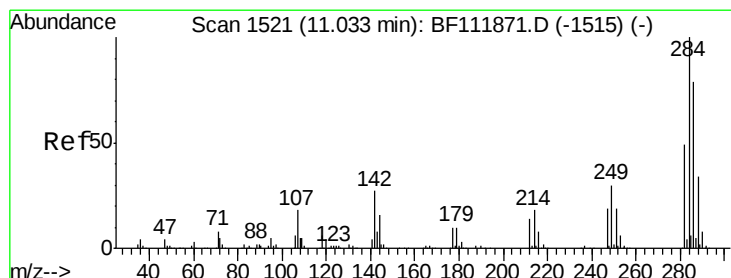
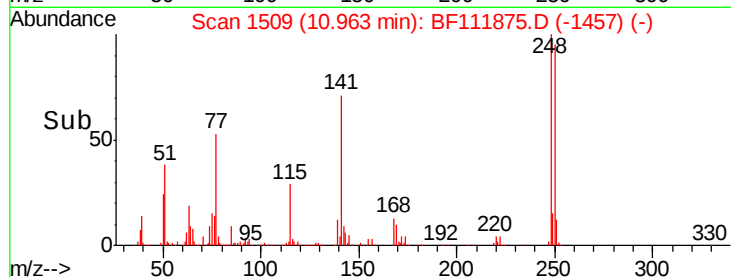
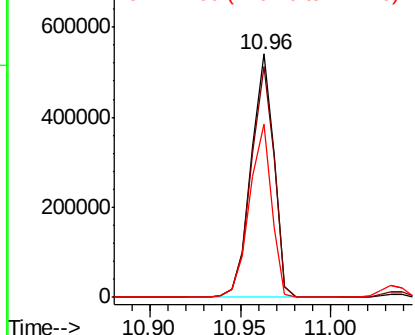
#67
4-Bromophenyl-phenylether
Concen: 55.999 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 472302
Ion Ratio Lower Upper
248 100
250 95.0 76.8 115.2
141 71.4 57.0 85.6

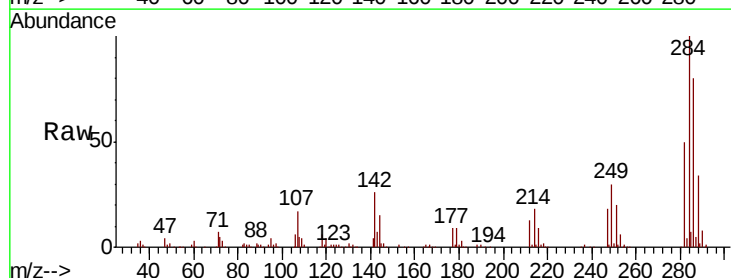


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

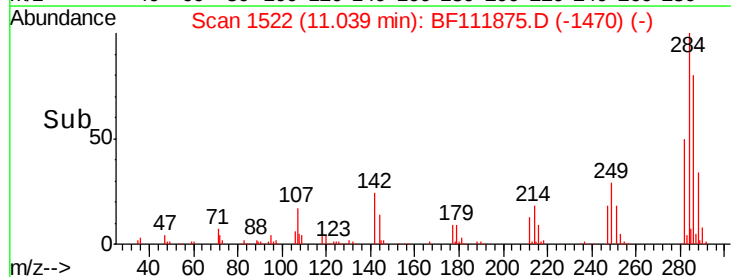
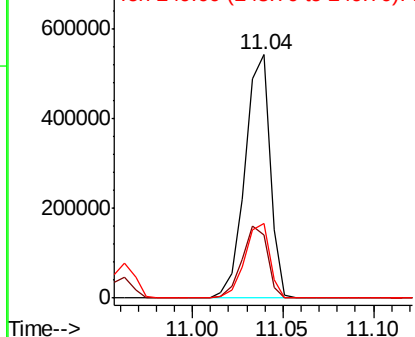


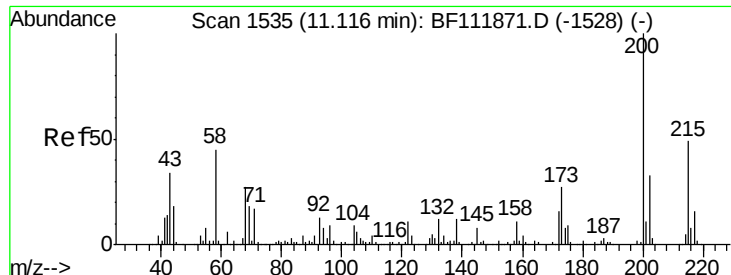
#68
Hexachlorobenzene
Concen: 56.342 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

Tgt Ion:284 Resp: 523337
Ion Ratio Lower Upper
284 100
142 25.9 21.8 32.6
249 30.4 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

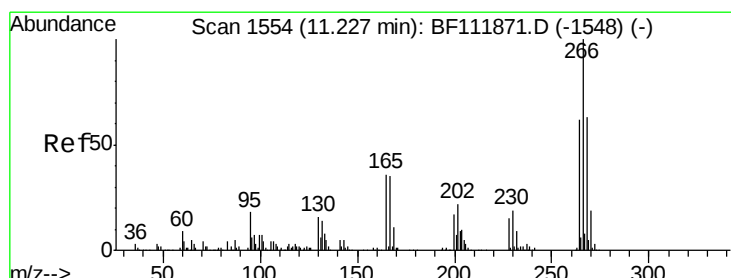
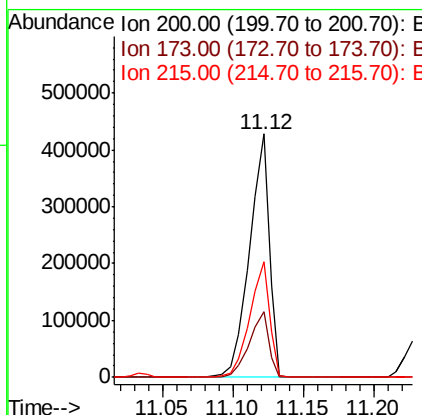
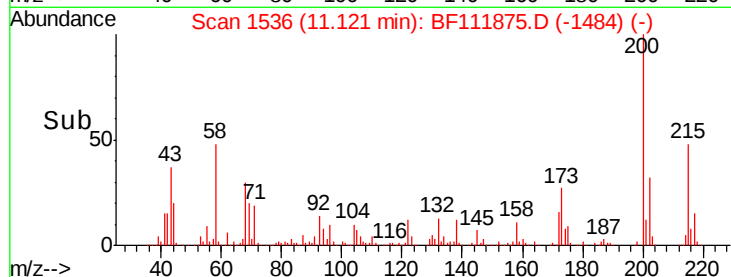
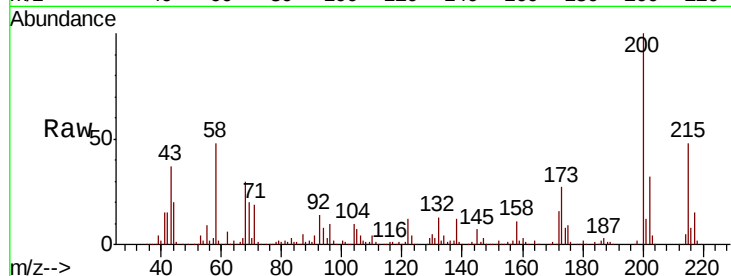




#69
Atrazine
Concen: 56.154 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

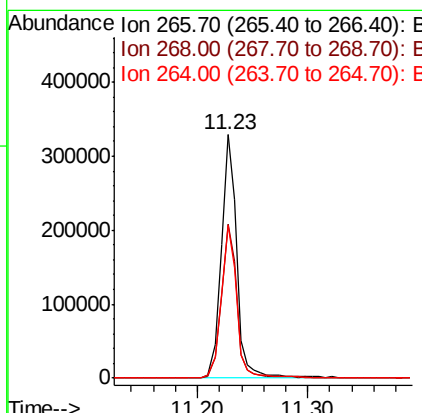
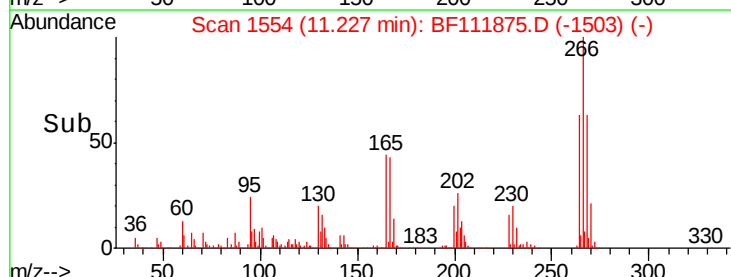
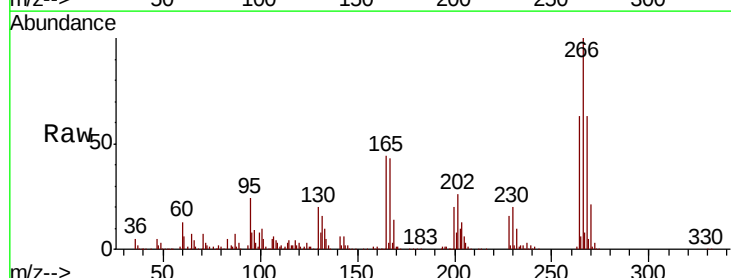
Instrument :
BNA_F
ClientSampled :

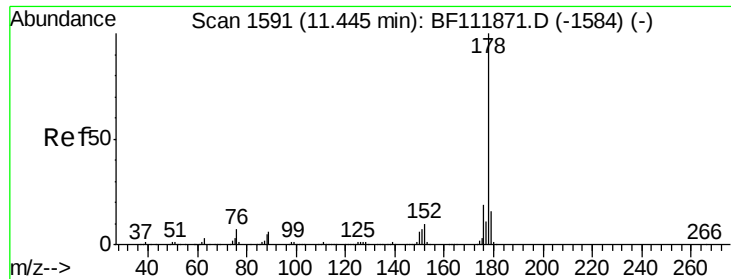
Tot Ion:200 Resp: 423953
Ion Ratio Lower Upper
200 100
173 27.2 6.6 46.6
215 47.7 28.9 68.9



#70
Pentachlorophenol
Concen: 61.697 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.00 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

Tgt Ion:266 Resp: 323655
Ion Ratio Lower Upper
266 100
268 63.1 50.6 76.0
264 62.9 49.3 73.9





#71

Phenanthrene

Concen: 55.876 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

Instrument :

BNA_F

ClientSampleId :

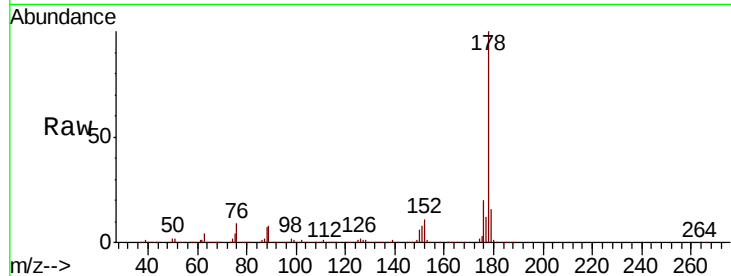
Tot Ion:178 Resp: 1923258

Ion Ratio Lower Upper

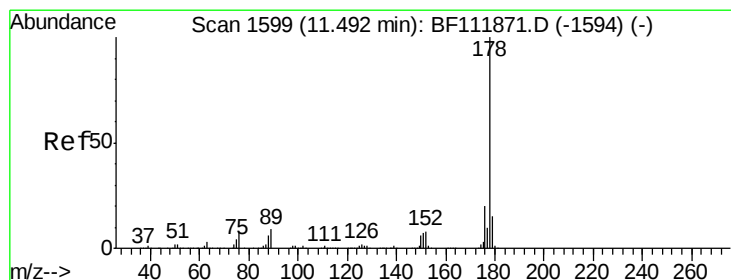
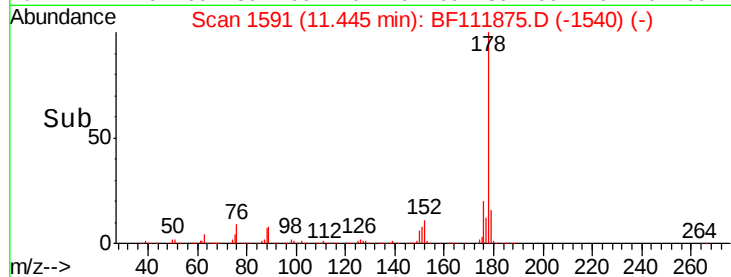
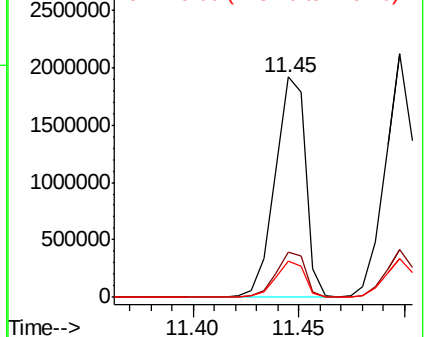
178 100

176 20.5 15.6 23.4

179 16.2 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 56.274 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

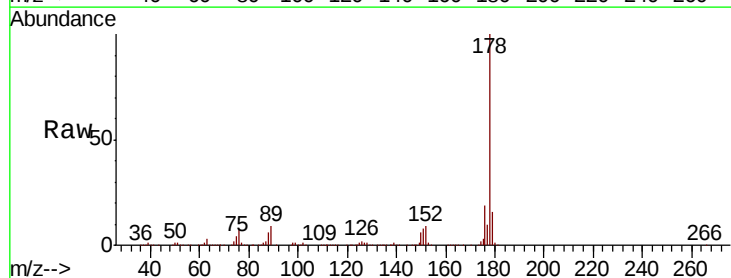
Tgt Ion:178 Resp: 1950242

Ion Ratio Lower Upper

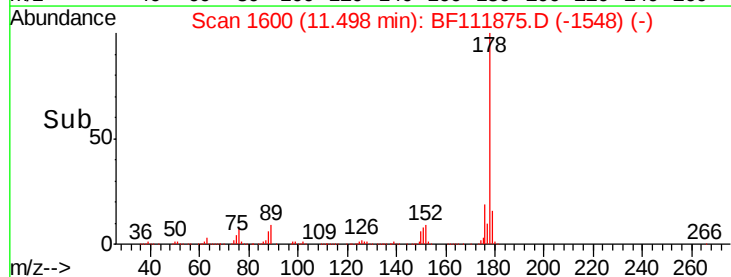
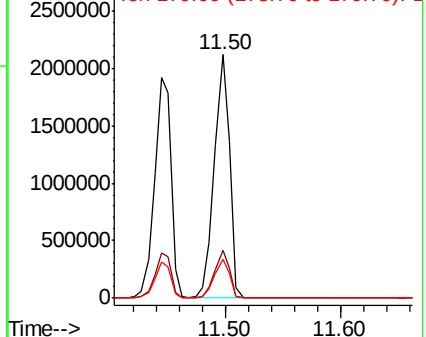
178 100

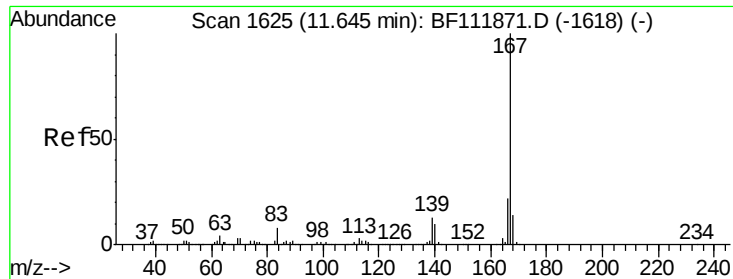
176 19.4 15.7 23.5

179 16.1 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



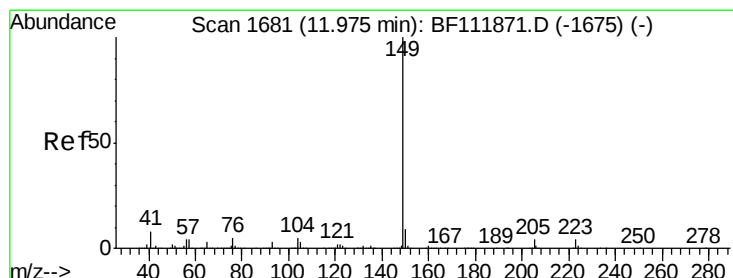
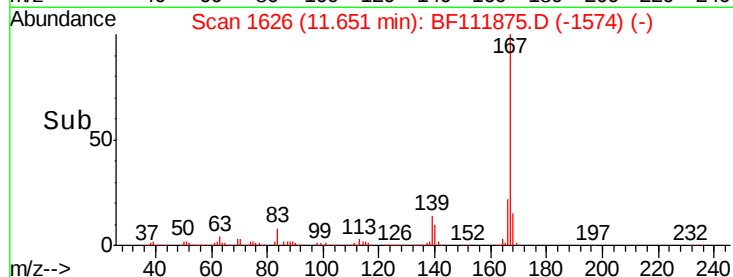
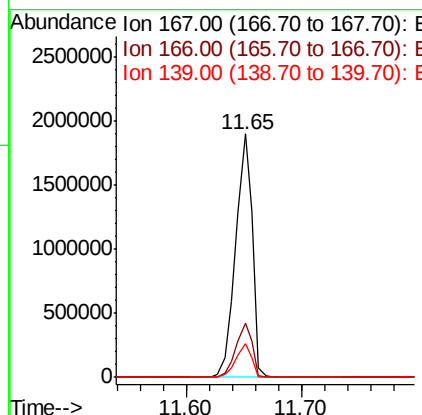
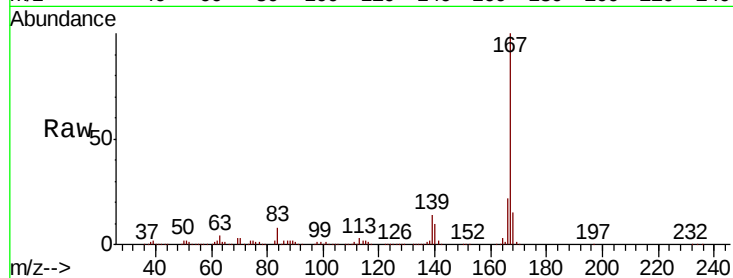


#73
 Carbazole
 Concen: 54.717 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF111875.D
 Acq: 7 Jan 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1885335

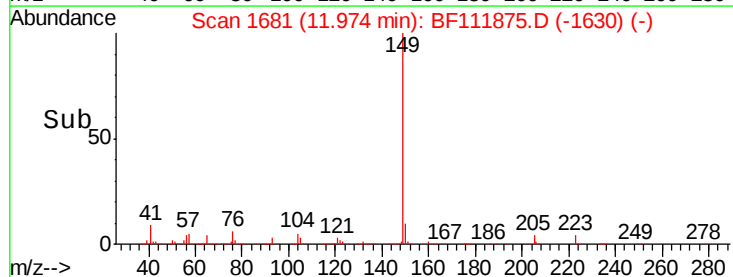
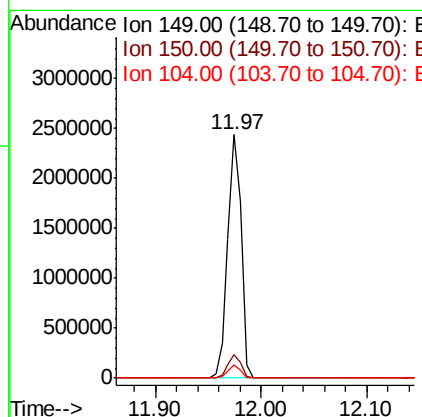
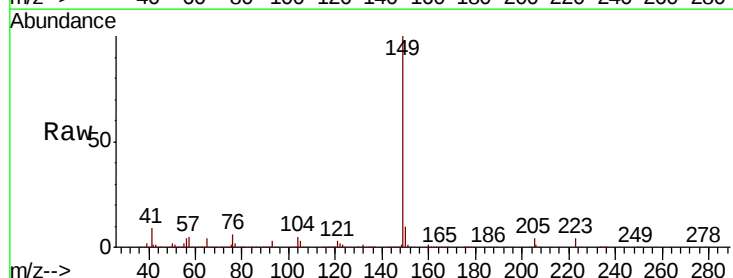
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.6
139	13.8	10.6	16.0

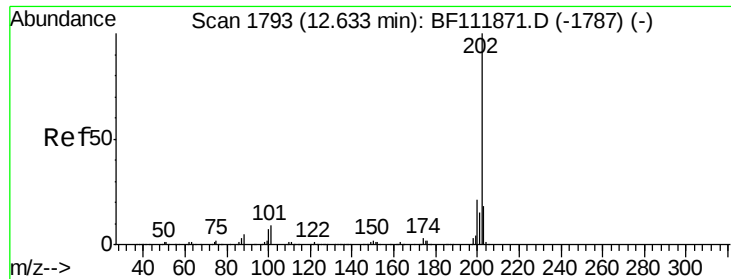


#74
 Di-n-butylphthalate
 Concen: 54.928 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BF111875.D
 Acq: 7 Jan 2019 13:54

Tgt Ion:149 Resp: 2164766

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.5	11.3
104	5.4	3.9	5.9





#75

Fluoranthene

Concen: 55.833 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

Instrument :

BNA_F

ClientSampled :

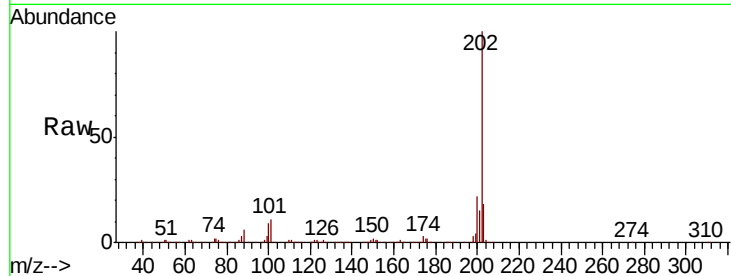
Tot Ion:202 Resp: 1987022

Ion Ratio Lower Upper

202 100

101 11.2 0.0 29.3

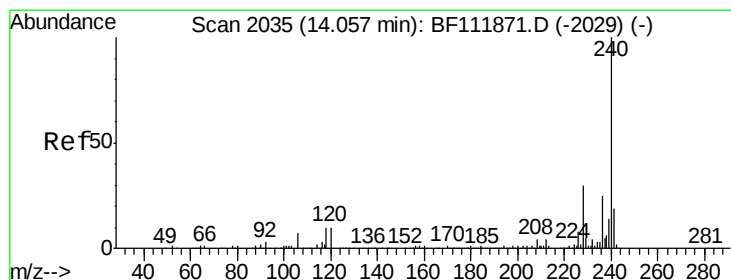
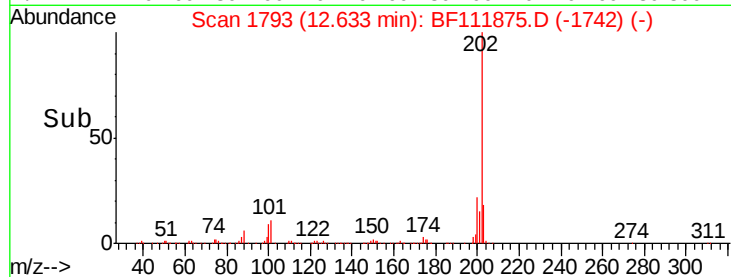
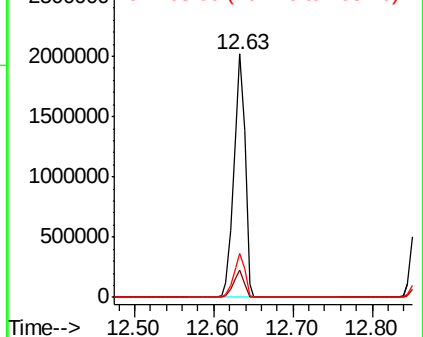
203 18.0 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

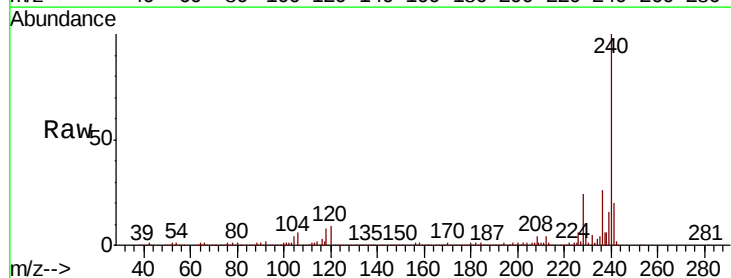
Tgt Ion:240 Resp: 503383

Ion Ratio Lower Upper

240 100

120 8.5 8.2 12.2

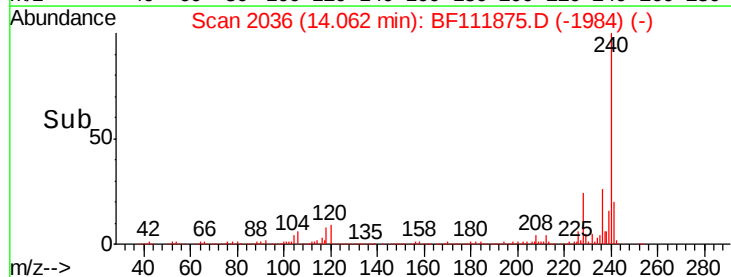
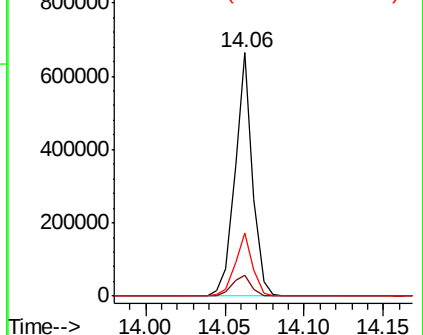
236 25.9 20.2 30.4

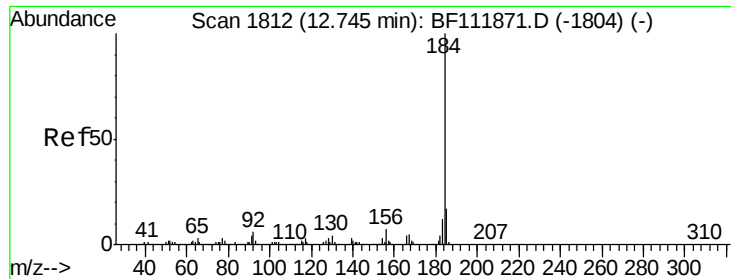


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.058 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

Instrument :

BNA_F

ClientSampleId :

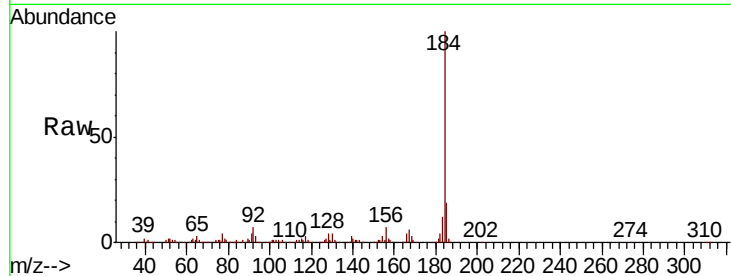
Tot Ion:184 Resp: 764936

Ion Ratio Lower Upper

184 100

185 19.4 13.4 20.0

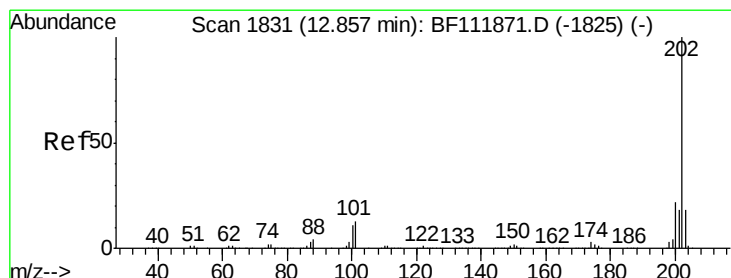
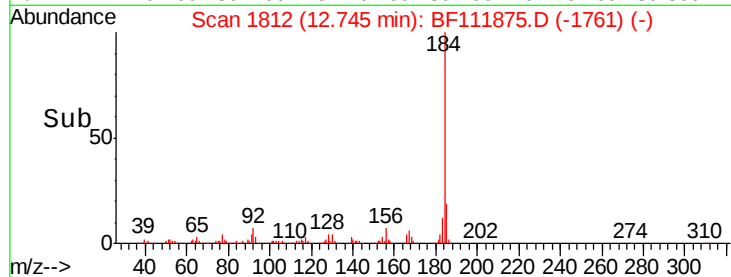
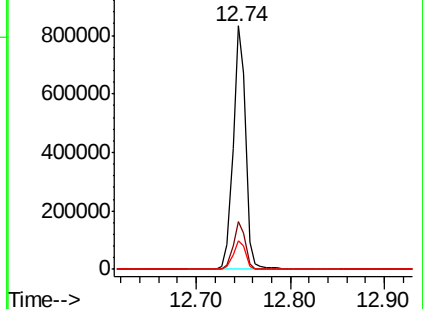
183 11.8 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.339 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

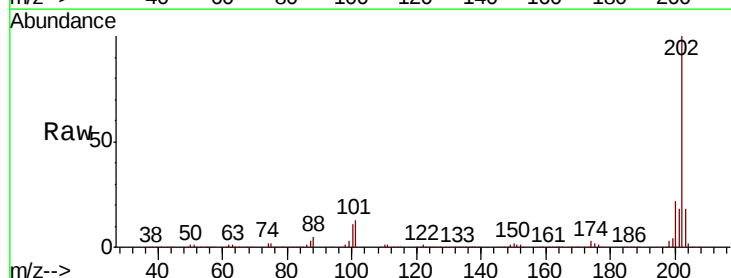
Tgt Ion:202 Resp: 1999468

Ion Ratio Lower Upper

202 100

200 22.4 17.4 26.2

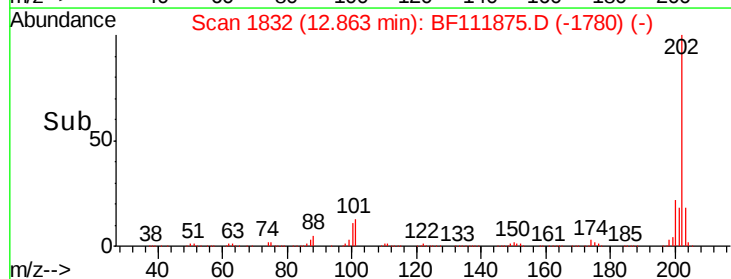
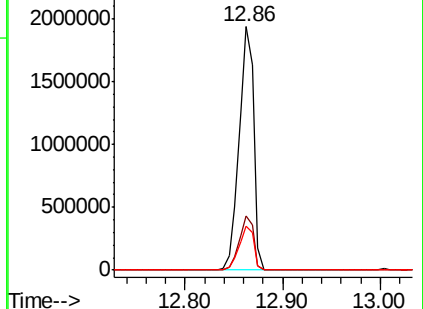
203 18.0 14.6 21.8

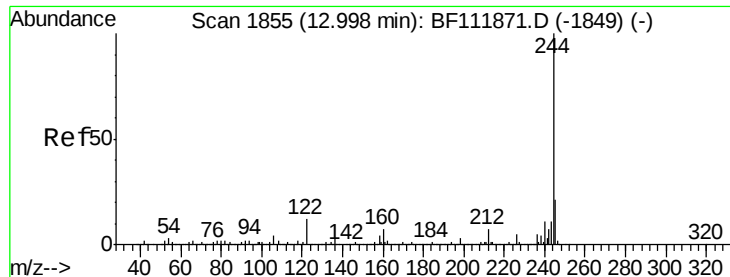


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 101.250 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

Instrument :

BNA_F

ClientSampleId :

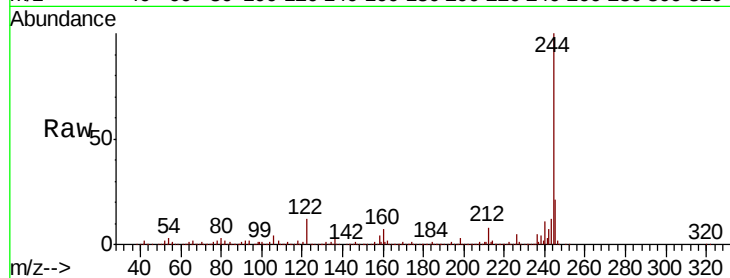
Tot Ion:244 Resp: 2944084

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

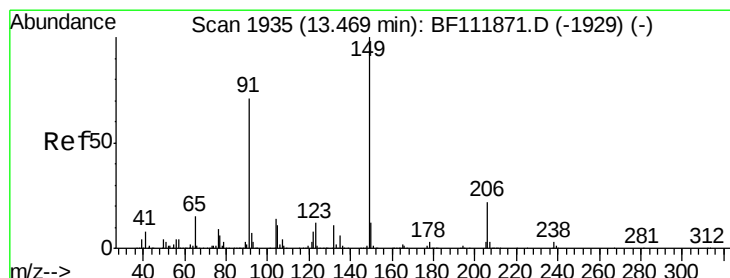
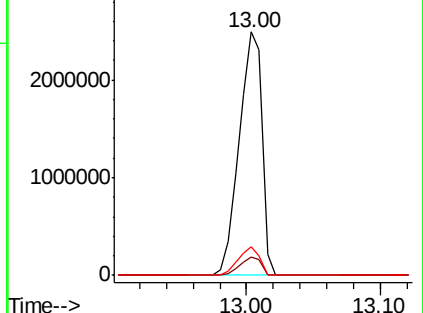
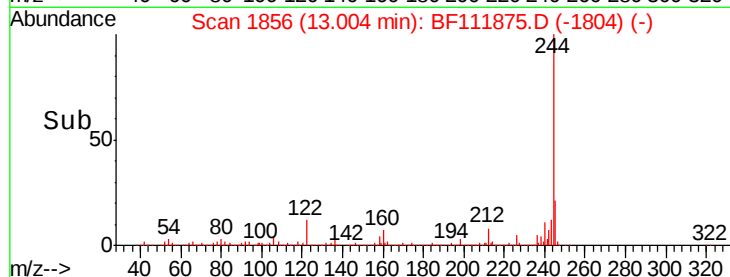
122 11.8 9.5 14.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 57.335 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

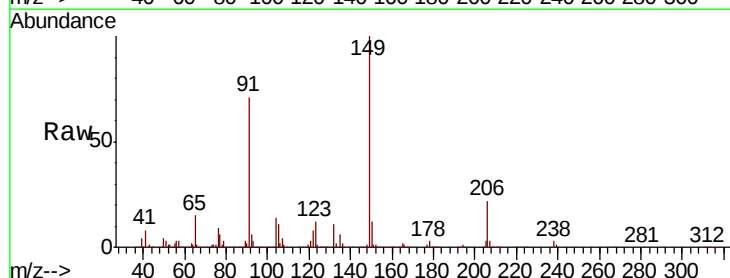
Tgt Ion:149 Resp: 892403

Ion Ratio Lower Upper

149 100

91 71.1 57.2 85.8

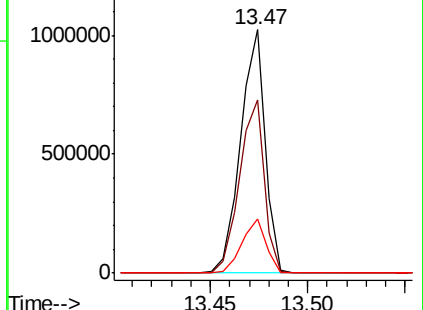
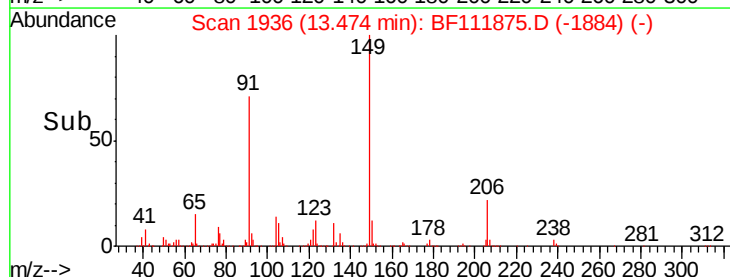
206 22.2 17.3 25.9

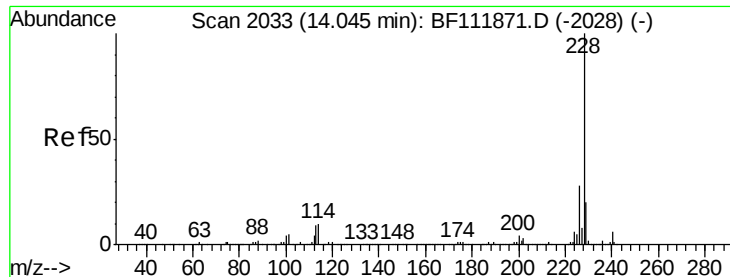


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 58.239 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

Instrument :

BNA_F

ClientSampleId :

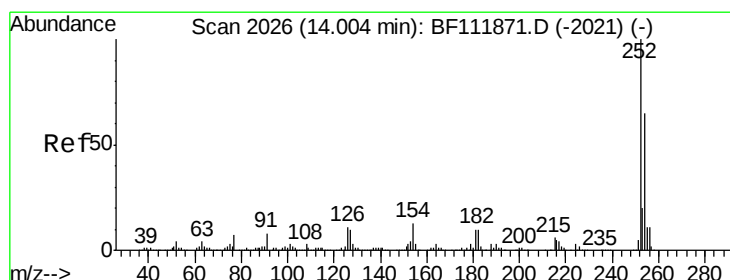
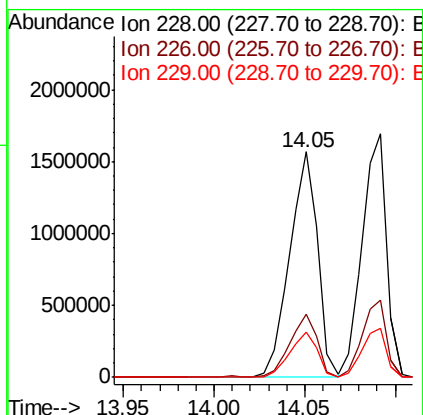
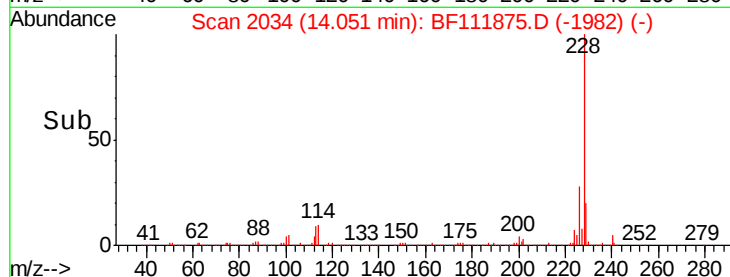
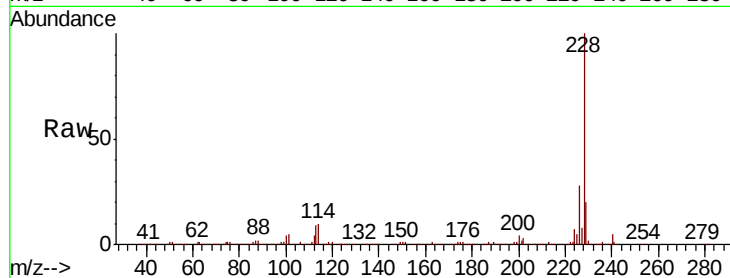
Tot Ion:228 Resp: 1696232

Ion Ratio Lower Upper

228 100

226 28.2 22.2 33.2

229 20.3 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 54.988 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

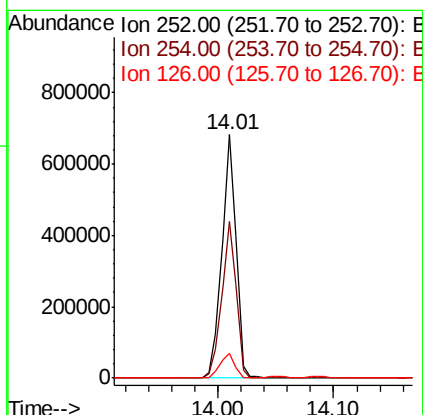
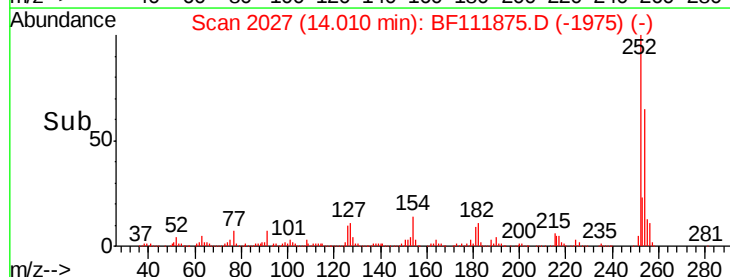
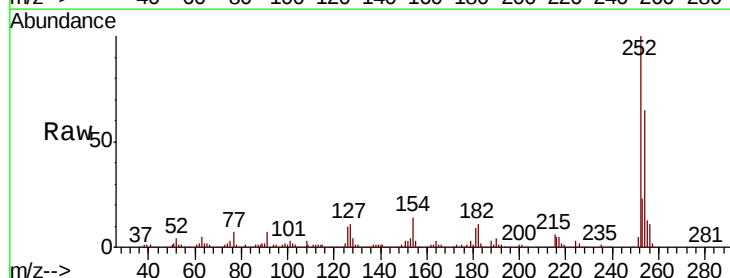
Tgt Ion:252 Resp: 588567

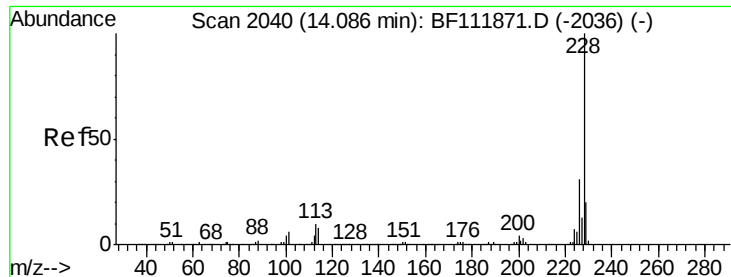
Ion Ratio Lower Upper

252 100

254 64.5 52.1 78.1

126 10.4 8.6 12.8

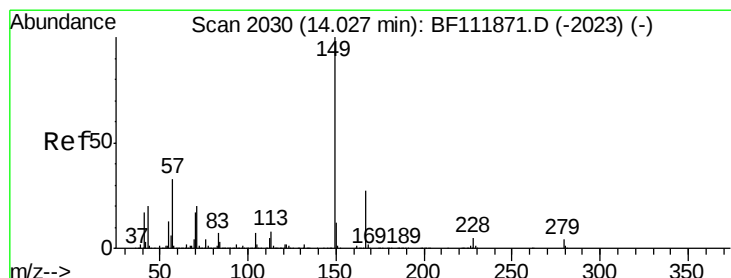
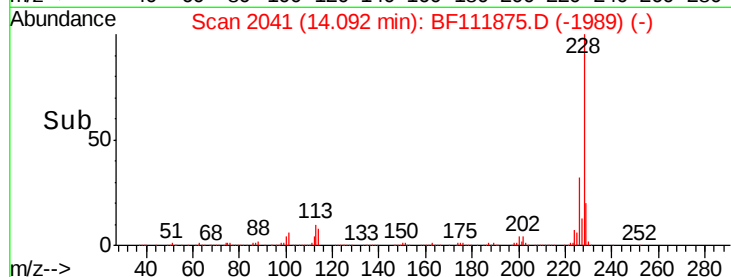
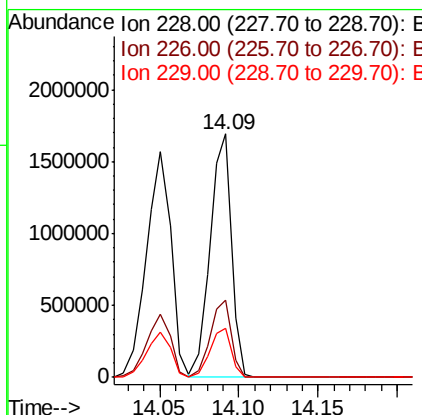
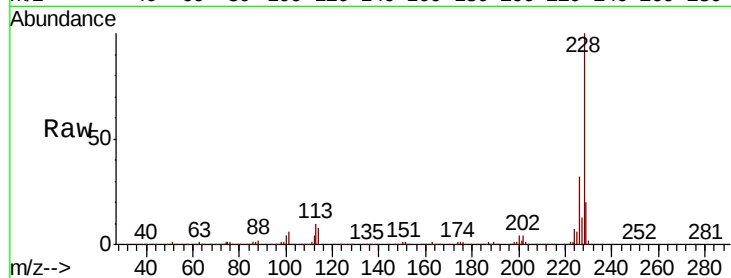




#83
 Chrvsene
 Concen: 57.307 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.01 min
 Lab File: BF111875.D
 Acq: 7 Jan 2019 13:54

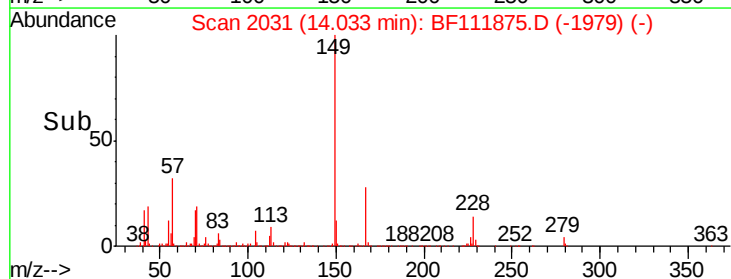
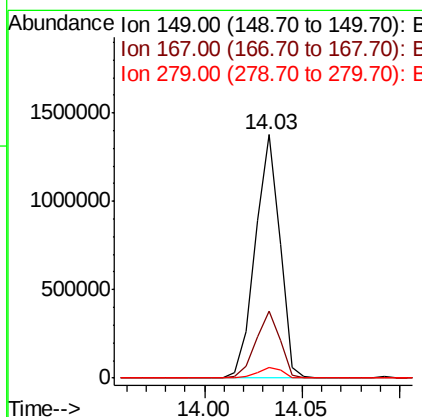
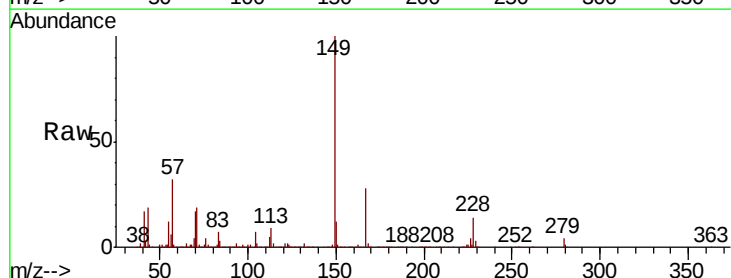
Instrument :
 BNA_F
 ClientSampleId :

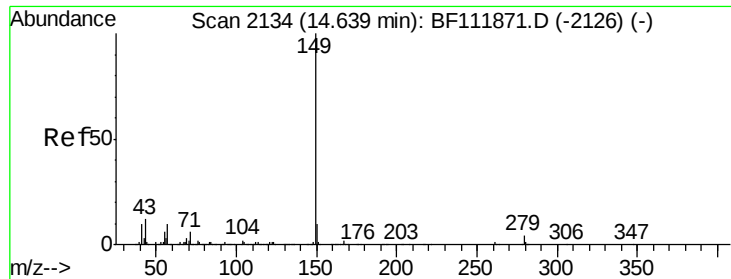
Tot Ion:228 Resp: 1591583
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.6 37.0
 229 20.1 15.7 23.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 62.015 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BF111875.D
 Acq: 7 Jan 2019 13:54

Tgt Ion:149 Resp: 1199914
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.5 32.3
 279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 65.501 ng

RT: 14.64 min Scan# 2135

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

Instrument :

BNA_F

ClientSampleId :

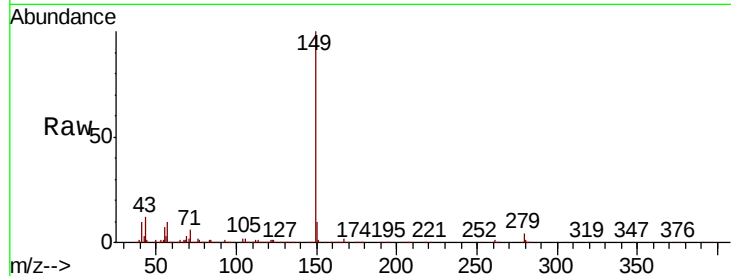
Tot Ion:149 Resp: 1784361

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

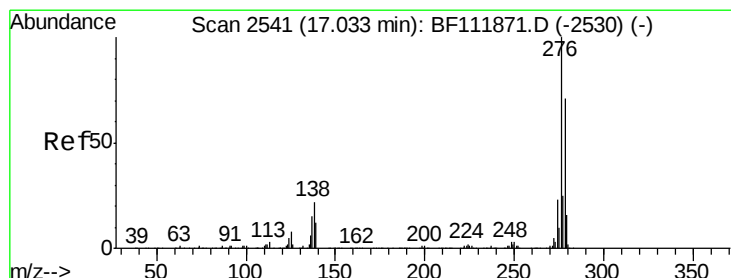
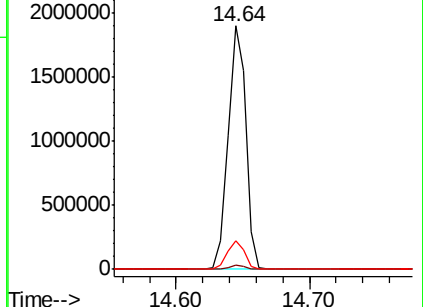
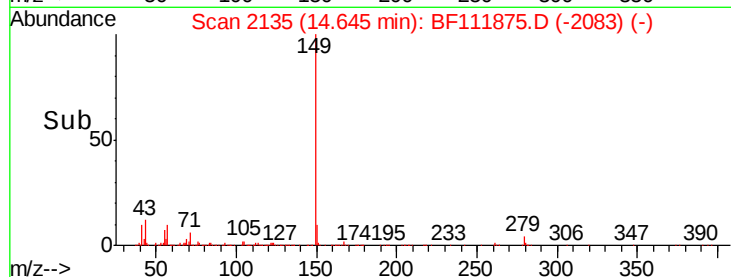
43 11.4 9.1 13.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 59.804 ng

RT: 17.04 min Scan# 2543

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

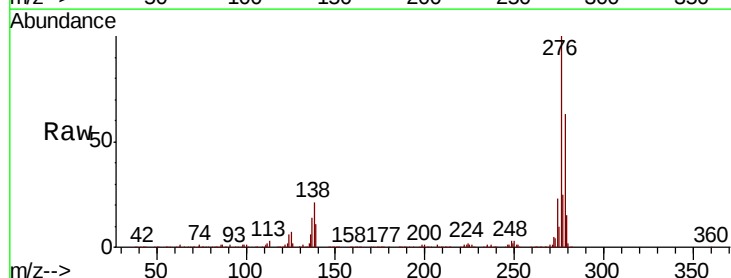
Tgt Ion:276 Resp: 1216027

Ion Ratio Lower Upper

276 100

138 22.2 18.1 27.1

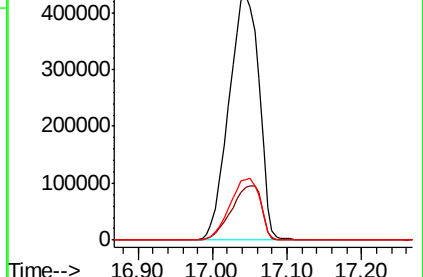
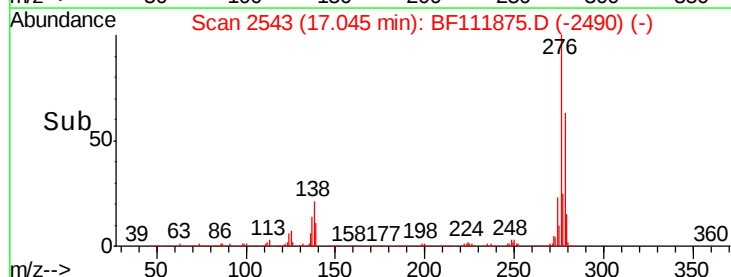
277 25.1 19.9 29.9

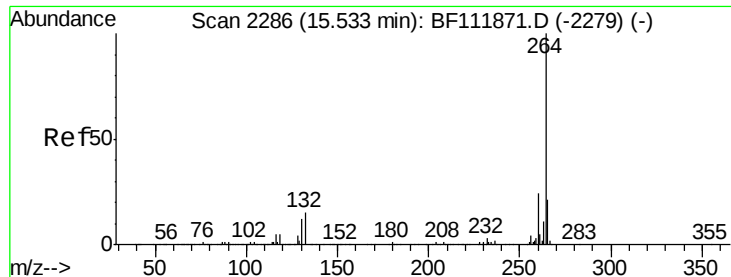


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

Instrument :

BNA_F

ClientSampleId :

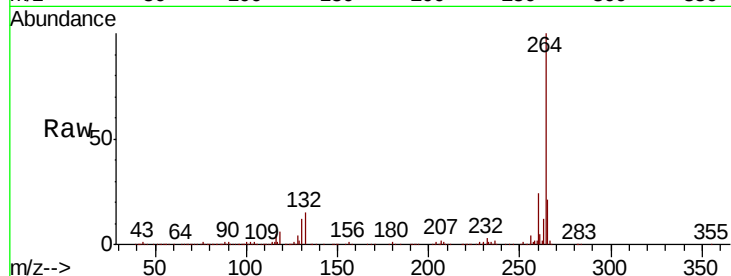
Tot Ion:264 Resp: 393099

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

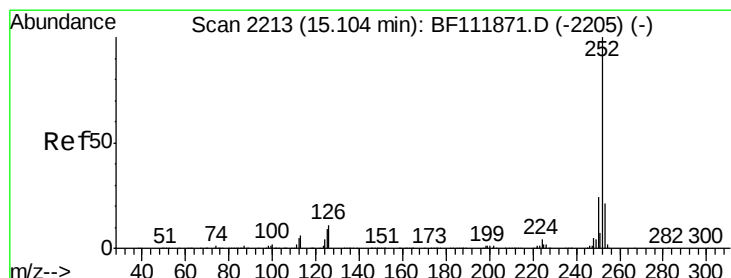
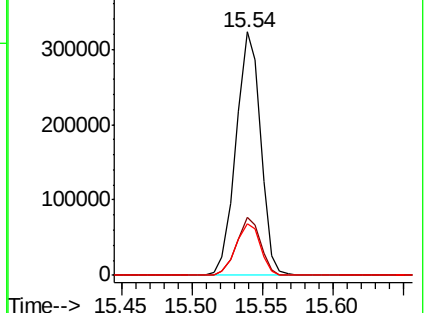
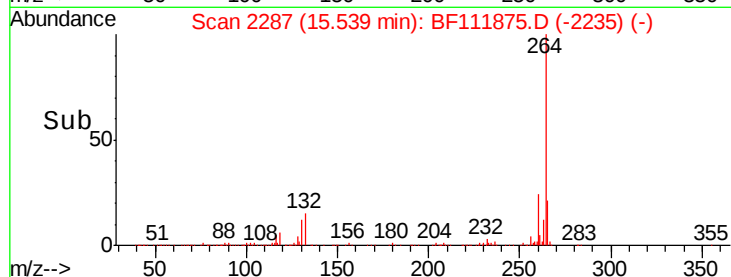
265 21.0 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 56.136 ng

RT: 15.11 min Scan# 2214

Delta R.T. 0.01 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

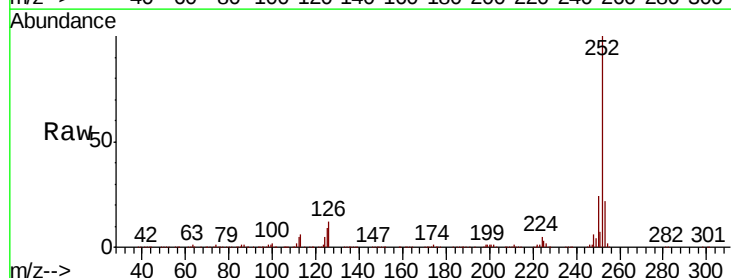
Tgt Ion:252 Resp: 1339903

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

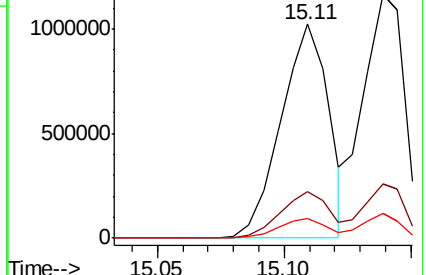
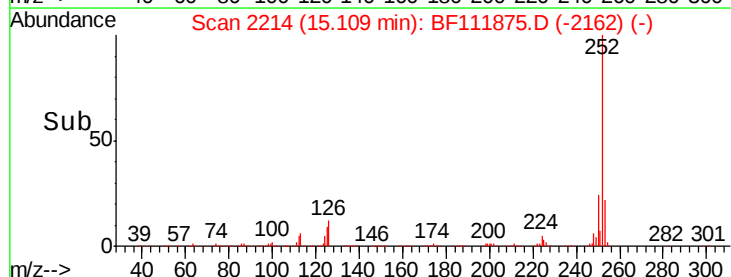
125 9.3 7.1 10.7

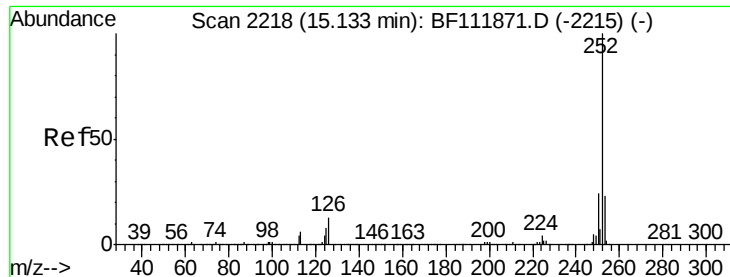


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

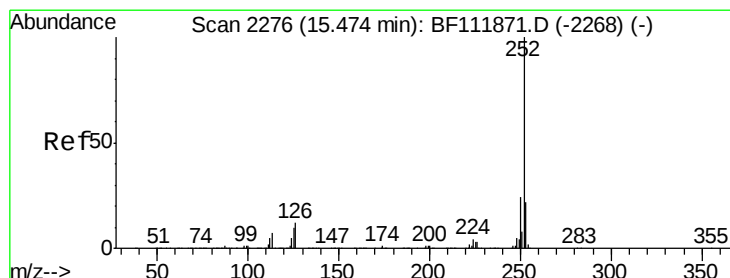
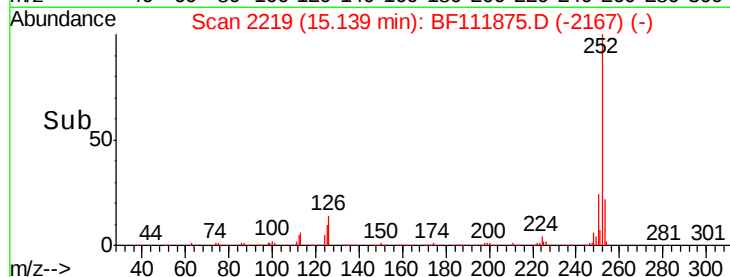
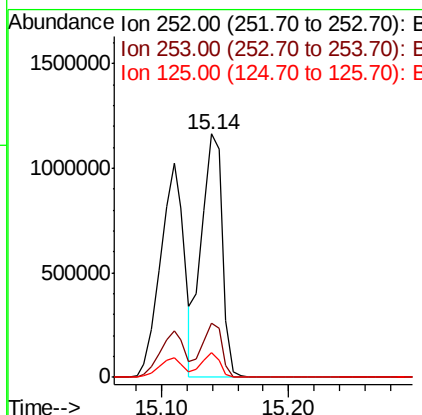
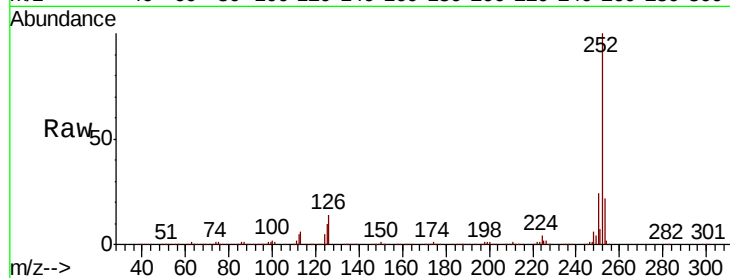




#89
Benzo(k)fluoranthene
Concen: 60.756 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

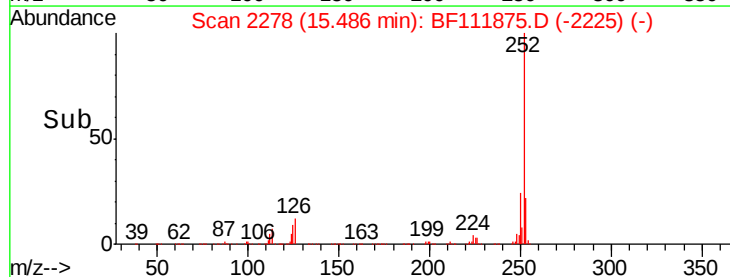
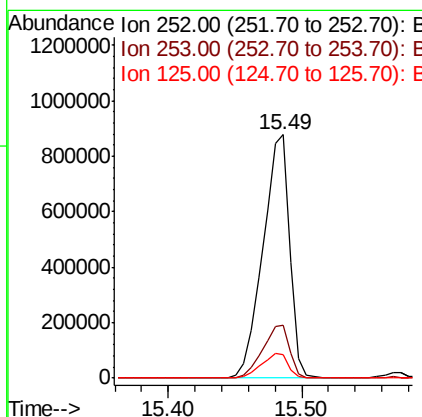
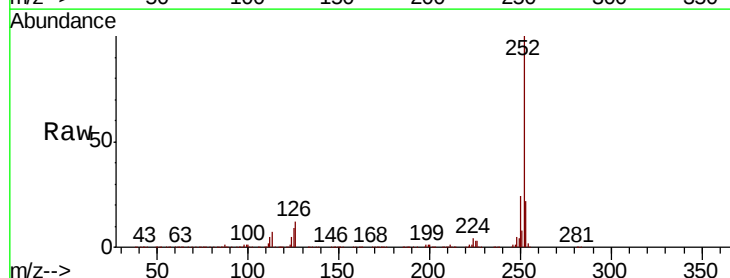
Instrument :
BNA_F
ClientSampleId :

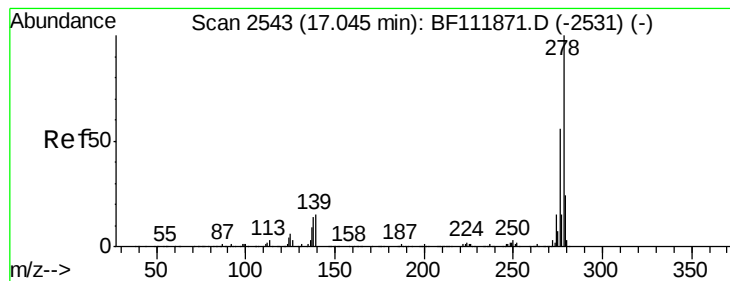
Tot Ion:252 Resp: 1334176
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 9.9 7.0 10.4



#90
Benzo(a)pyrene
Concen: 58.371 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF111875.D
Acq: 7 Jan 2019 13:54

Tgt Ion:252 Resp: 1213471
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 9.4 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 60.407 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.02 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

Instrument :

BNA_F

ClientSampleId :

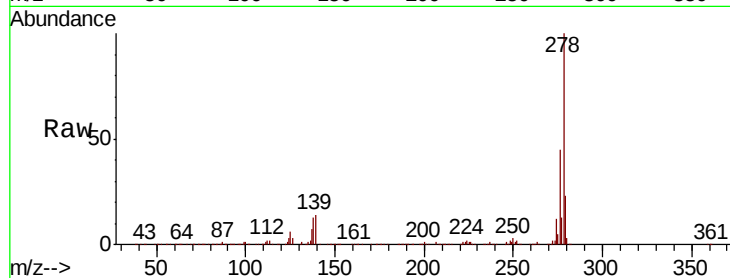
Tot Ion:278 Resp: 1022232

Ion Ratio Lower Upper

278 100

139 13.7 11.8 17.6

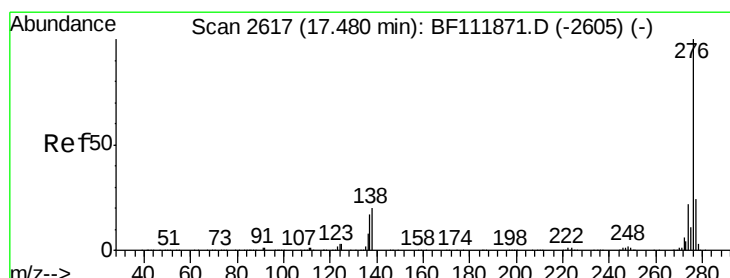
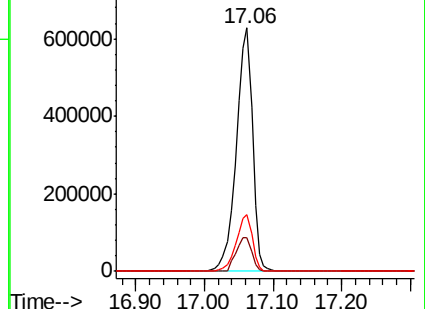
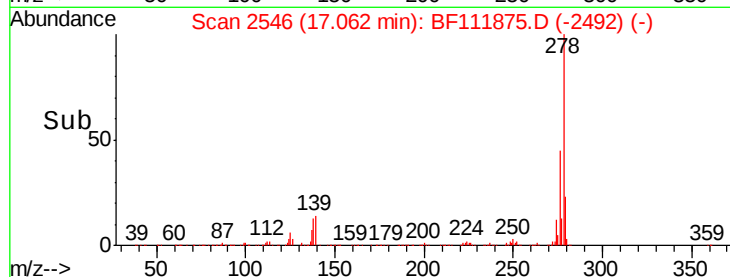
279 23.3 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 59.928 ng

RT: 17.50 min Scan# 2621

Delta R.T. 0.02 min

Lab File: BF111875.D

Acq: 7 Jan 2019 13:54

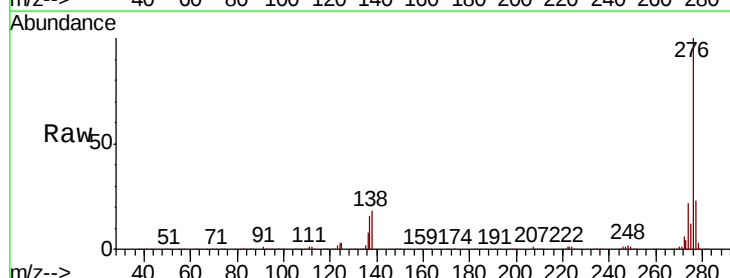
Tgt Ion:276 Resp: 992990

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.6

138 18.3 16.2 24.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

