

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111905.D
 Acq On : 8 Jan 2019 14:22
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 08 17:54:43 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 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	199213	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	660823	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	336811	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	694759	20.00	ng	0.00
76) Chrysene-d12	14.05	240	541938	20.00	ng	0.00
87) Perylene-d12	15.52	264	363038	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	867520	74.50	ng	0.00
7) Phenol-d6	6.53	99	1152558	76.80	ng	0.00
23) Nitrobenzene-d5	7.45	82	1048017	84.76	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	330500	75.44	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1755084	75.99	ng	0.00
79) Terphenyl-d14	12.99	244	2165992	75.87	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	212746	41.784	ng	99
3) Pyridine	3.44	79	563143	42.673	ng	99
4) n-Nitrosodimethylamine	3.40	42	279733	42.604	ng	98
6) Aniline	6.55	93	713416	39.313	ng	# 72
8) 2-Chlorophenol	6.68	128	512483	39.636	ng	93
9) Benzaldehyde	6.43	77	326230	38.559	ng	98
10) Phenol	6.55	94	643032	39.421	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	489704	38.806	ng	96
12) 1,3-Dichlorobenzene	6.83	146	596851	39.818	ng	99
13) 1,4-Dichlorobenzene	6.90	146	579030	38.067	ng	100
14) 1,2-Dichlorobenzene	7.06	146	543654	37.390	ng	100
15) Benzyl Alcohol	7.03	79	454010	38.233	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	817360	37.989	ng	94
17) 2-Methylphenol	7.15	107	405936	39.063	ng	98
18) Hexachloroethane	7.40	117	208262	39.215	ng	98
19) n-Nitroso-di-n-propylamine	7.30	70	364437	37.373	ng	98
20) 3+4-Methylphenols	7.30	107	496772	38.410	ng	94
22) Acetophenone	7.29	105	720338	43.057	ng	98
24) Nitrobenzene	7.47	77	515016	41.176	ng	99
25) Isophorone	7.70	82	744952	37.207	ng	99
26) 2-Nitrophenol	7.78	139	243380	39.519	ng	95
27) 2,4-Dimethylphenol	7.83	122	337045	37.851	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	499216	37.354	ng	98
29) 2,4-Dichlorophenol	8.03	162	392109	38.294	ng	96
30) 1,2,4-Trichlorobenzene	8.11	180	430841	38.142	ng	99
31) Naphthalene	8.19	128	1206651	38.466	ng	100
32) Benzoic acid	7.96	122	213193	36.894	ng	98
33) 4-Chloroaniline	8.24	127	522095	38.501	ng	98
34) Hexachlorobutadiene	8.31	225	270621	38.484	ng	98
35) Caprolactam	8.62	113	127087	37.988	ng	97
36) 4-Chloro-3-methylphenol	8.73	107	394832	38.783	ng	98
37) 2-Methylnaphthalene	8.88	142	791004	40.694	ng	99
38) 1-Methylnaphthalene	8.98	142	763181	40.935	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	421361	39.241	ng	100

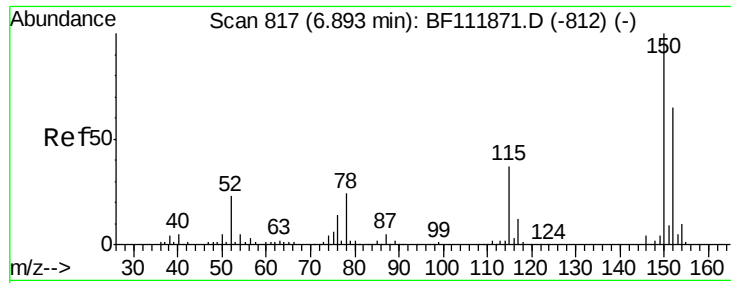
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111905.D
 Acq On : 8 Jan 2019 14:22
 Operator : JU/SJ
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	252073	40.601	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	285888	39.254	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	296867	38.905	ng	98
46) 1,1'-Biphenyl	9.35	154	1074128	38.125	ng	100
47) 2-Chloronaphthalene	9.37	162	852317	38.546	ng	99
48) 2-Nitroaniline	9.46	65	266139	39.368	ng	99
49) Acenaphthylene	9.79	152	1248207	38.183	ng	100
50) Dimethylphthalate	9.65	163	935903	36.990	ng	99
51) 2,6-Dinitrotoluene	9.70	165	210782	37.254	ng	96
52) Acenaphthene	9.96	154	800428	37.981	ng	98
53) 3-Nitroaniline	9.87	138	235960	38.943	ng	98
54) 2,4-Dinitrophenol	9.98	184	100215	41.830	ng	94
55) Dibenzofuran	10.13	168	1161384	37.893	ng	99
56) 4-Nitrophenol	10.05	139	171020	39.946	ng	96
57) 2,4-Dinitrotoluene	10.11	165	291984	39.938	ng	98
58) Fluorene	10.47	166	927085	41.570	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	249279	38.773	ng	100
60) Diethylphthalate	10.34	149	901162	36.804	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	498233	39.839	ng	98
62) 4-Nitroaniline	10.49	138	247451	43.057	ng	98
63) Azobenzene	10.62	77	879189	37.587	ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	153179	35.732	ng	98
66) n-Nitrosodiphenylamine	10.58	169	796641	34.169	ng	100
67) 4-Bromophenyl-phenylether	10.95	248	298558	33.178	ng	99
68) Hexachlorobenzene	11.03	284	330011	33.091	ng	98
69) Atrazine	11.11	200	272058	33.212	ng	99
70) Pentachlorophenol	11.22	266	232427	40.956	ng	99
71) Phenanthrene	11.43	178	1370652	36.900	ng	100
72) Anthracene	11.49	178	1384884	36.727	ng	99
73) Carbazole	11.64	167	1328817	36.229	ng	100
74) Di-n-butylphthalate	11.96	149	1569533	36.840	ng	100
75) Fluoranthene	12.62	202	1367724	35.867	ng	98
77) Benzidine	12.74	184	575416	35.534	ng	97
78) Pyrene	12.85	202	1470348	39.431	ng	100
80) Butylbenzylphthalate	13.46	149	602025	38.189	ng	98
81) Benzo(a)anthracene	14.04	228	1213147	38.896	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	449966	39.078	ng	100
83) Chrysene	14.07	228	1137540	38.252	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	823683	39.785	ng	100
85) Di-n-octyl phthalate	14.63	149	1055687	35.631	ng	99
86) Indeno(1,2,3-cd)pyrene	17.02	276	732214	33.773	ng	99
88) Benzo(b)fluoranthene	15.09	252	801384	36.902	ng	99
89) Benzo(k)fluoranthene	15.12	252	818741	40.108	ng	99
90) Benzo(a)pyrene	15.46	252	733990	38.439	ng	100
91) Dibenzo(a,h)anthracene	17.03	278	609243	39.670	ng	98
92) Benzo(g,h,i)perylene	17.46	276	606965	40.407	ng	98

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

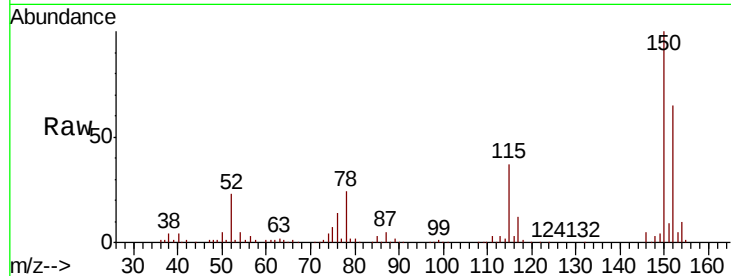


#1

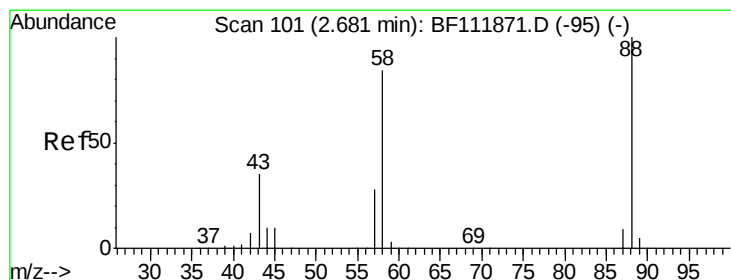
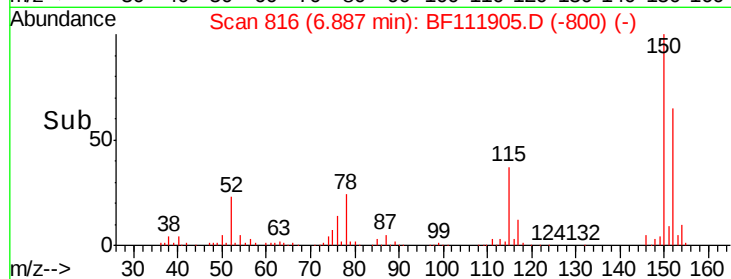
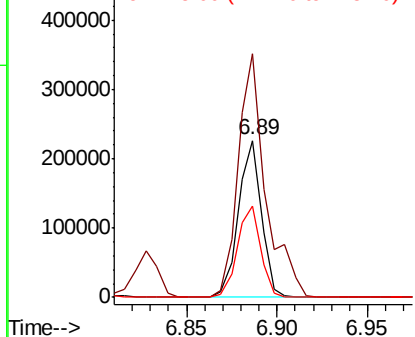
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.7	184.1
115	57.9	45.2	67.8



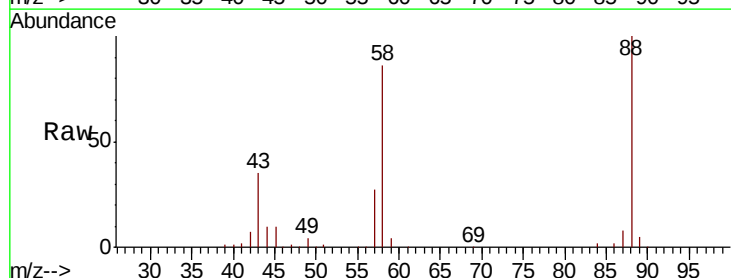
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



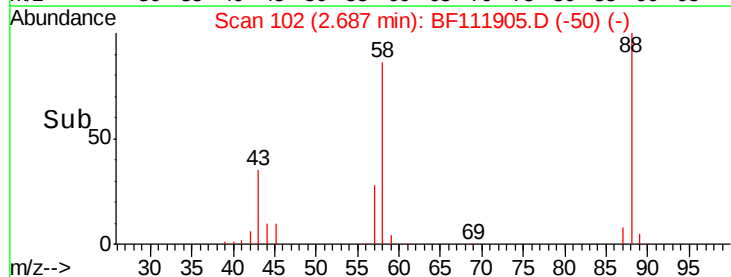
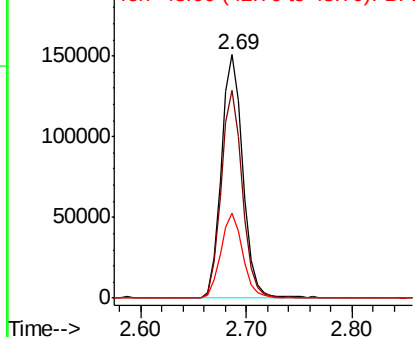
#2

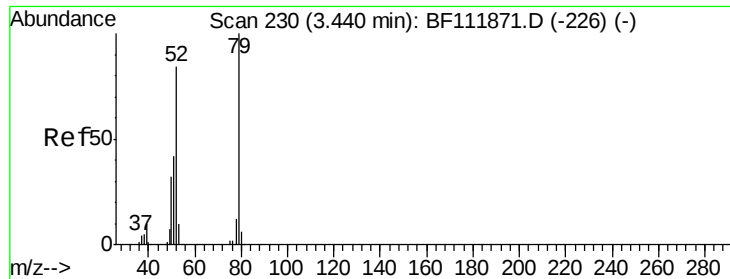
1,4-Dioxane
Concen: 41.784 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.2	67.6	101.4
43	35.6	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: 42.673 ng

RT: 3.44 min Scan# 230

Delta R.T. -0.00 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

Instrument :

BNA_F

ClientSampleId :

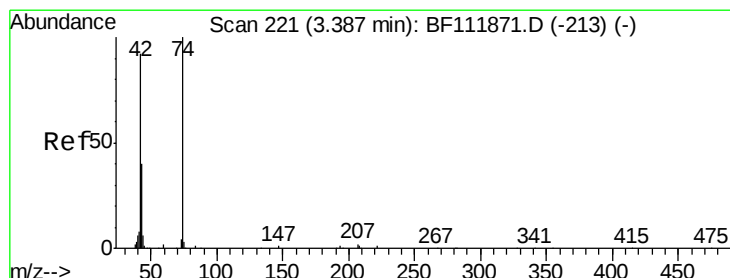
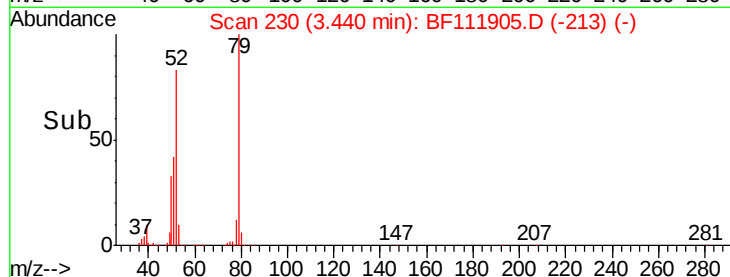
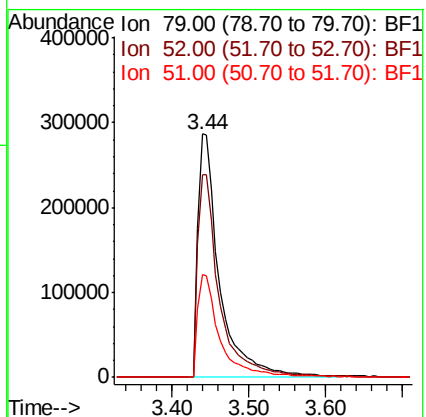
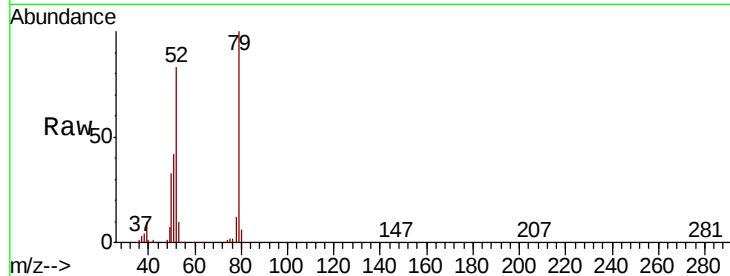
Tot Ion: 79 Resp: 563143

Ion Ratio Lower Upper

79 100

52 83.1 67.0 100.6

51 42.4 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 42.604 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

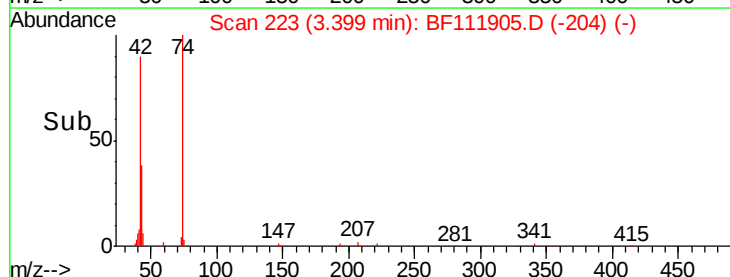
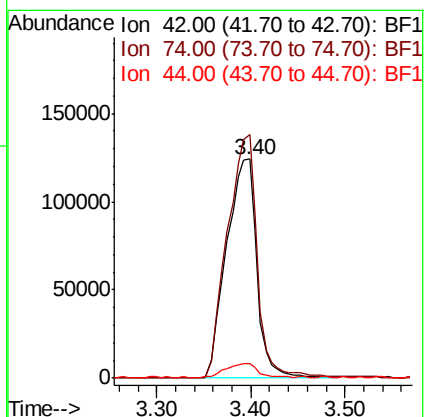
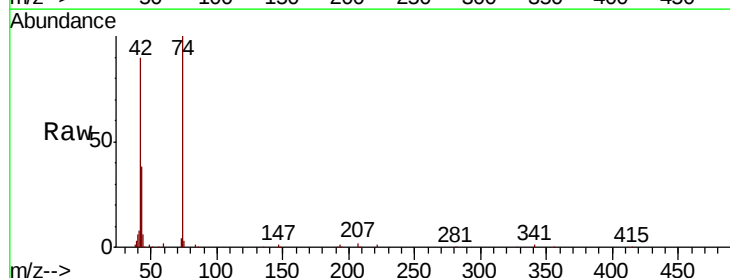
Tgt Ion: 42 Resp: 279733

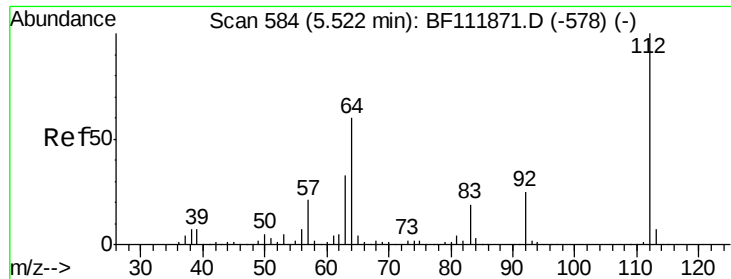
Ion Ratio Lower Upper

42 100

74 111.3 87.0 130.6

44 6.8 5.5 8.3





#5

2-Fluorophenol

Concen: 74.502 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

Instrument :

BNA_F

ClientSampleId :

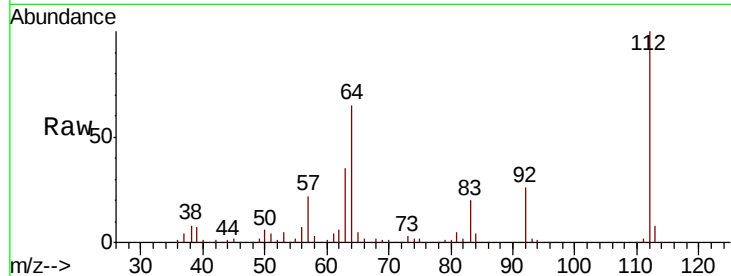
Tot Ion:112 Resp: 867520

Ion Ratio Lower Upper

112 100

64 64.7 48.3 72.5

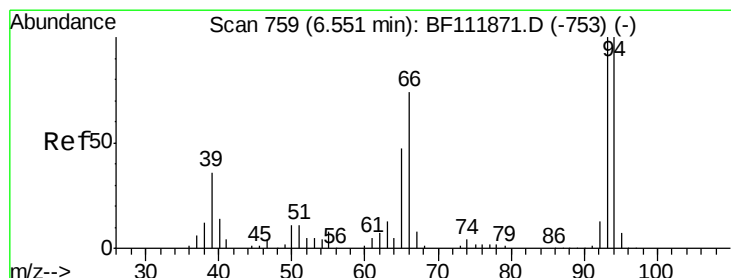
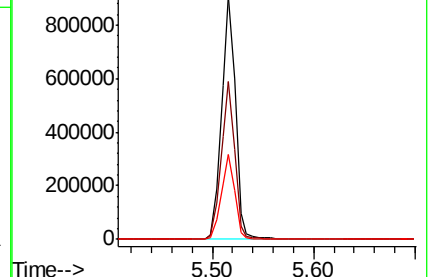
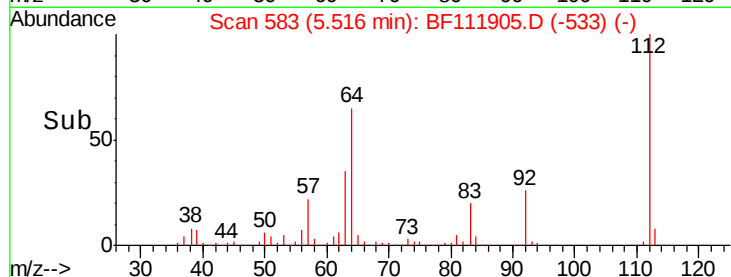
63 34.9 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): BF111871.D (-578) (-)

Ion 64.00 (63.70 to 64.70): BF111871.D (-578) (-)

Ion 63.00 (62.70 to 63.70): BF111871.D (-578) (-)



#6

Aniline

Concen: 39.313 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

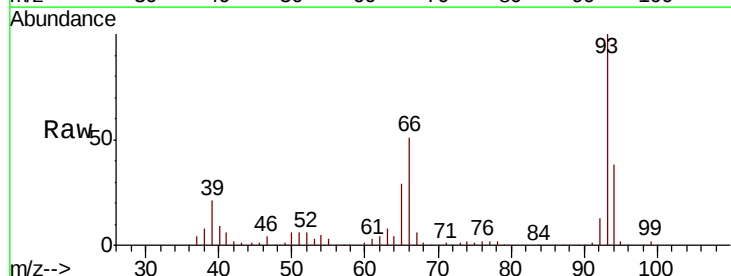
Tgt Ion: 93 Resp: 713416

Ion Ratio Lower Upper

93 100

66 50.5 60.0 90.0#

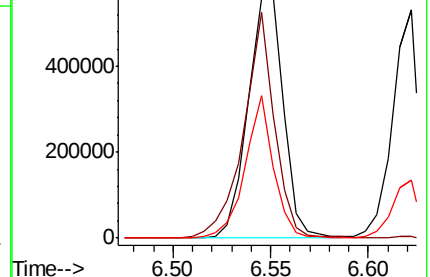
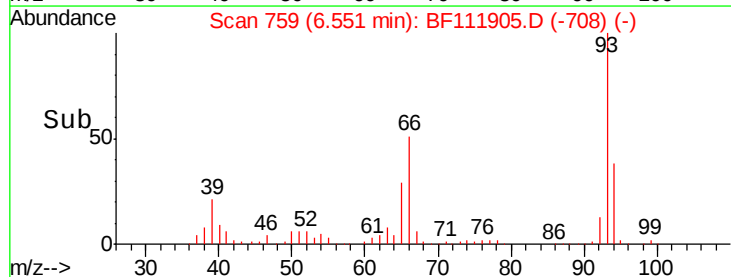
65 29.0 37.5 56.3#

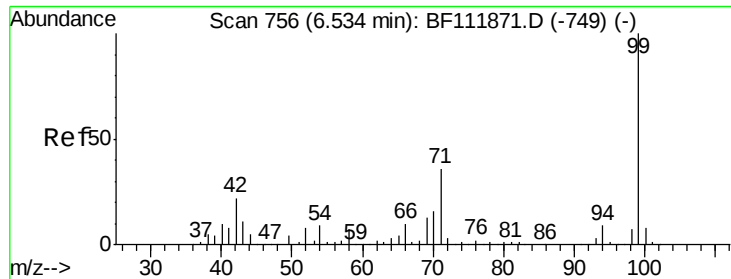


Abundance Ion 93.00 (92.70 to 93.70): BF111871.D (-753) (-)

Ion 66.00 (65.70 to 66.70): BF111871.D (-753) (-)

Ion 65.00 (64.70 to 65.70): BF111871.D (-753) (-)





#7

Phenol-d6

Concen: 76.796 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

Instrument :

BNA_F

ClientSampleId :

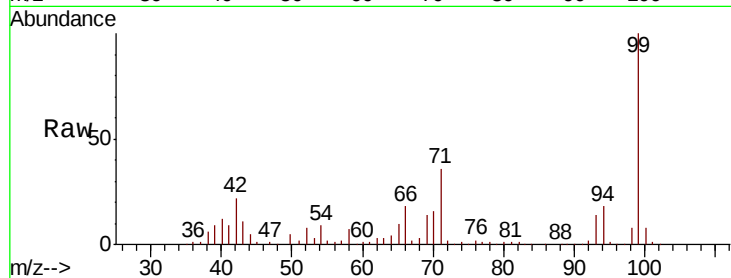
Tot Ion: 99 Resp: 1152558

Ion Ratio Lower Upper

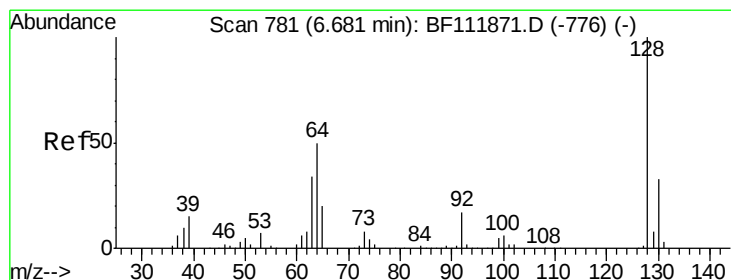
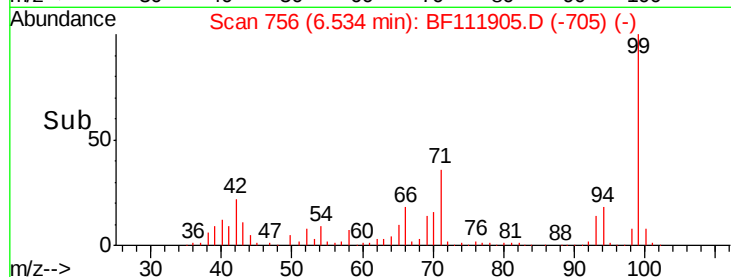
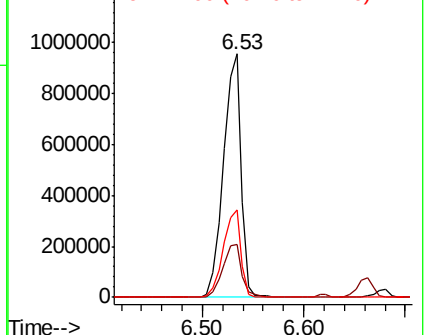
99 100

42 21.7 17.9 26.9

71 35.9 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: 39.636 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

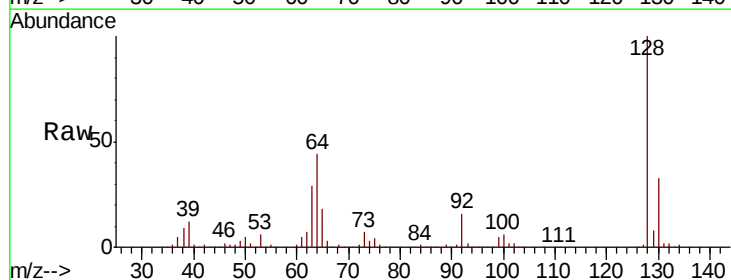
Tgt Ion: 128 Resp: 512483

Ion Ratio Lower Upper

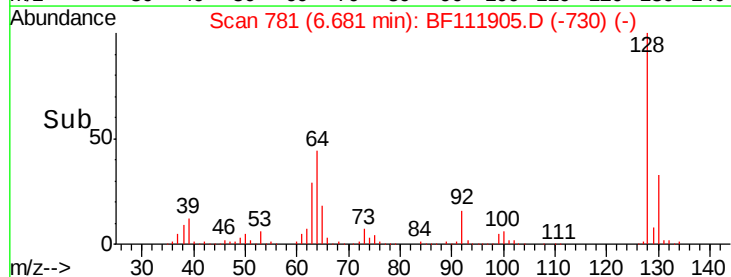
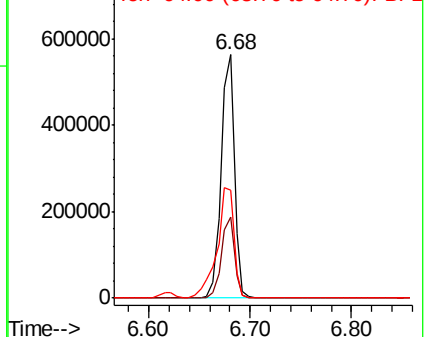
128 100

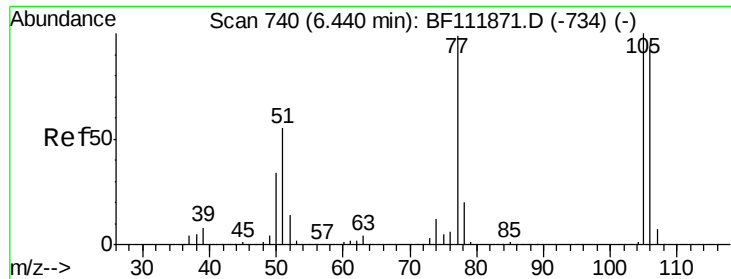
130 33.3 12.7 52.7

64 44.2 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: 38.559 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

Instrument :

BNA_F

ClientSampleId :

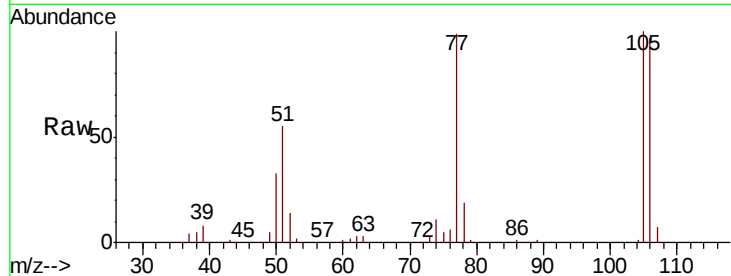
Tot Ion: 77 Resp: 326230

Ion Ratio Lower Upper

77 100

105 101.1 80.6 120.6

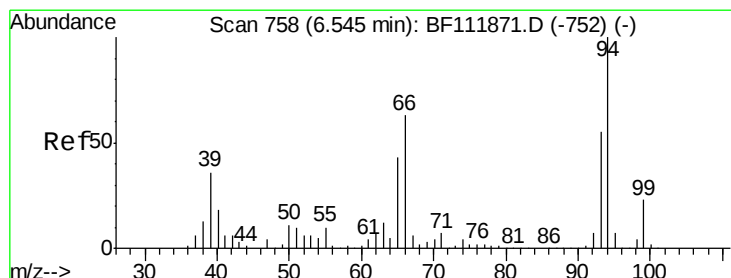
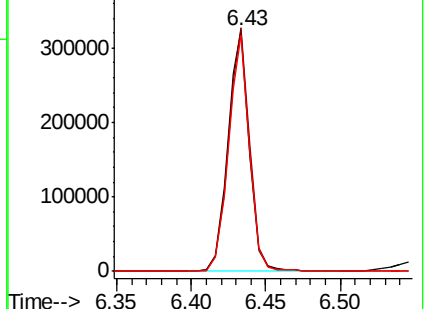
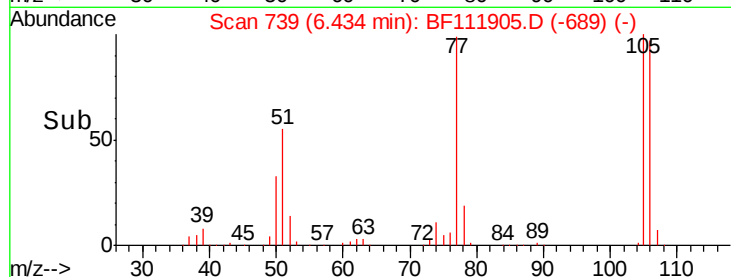
106 97.8 74.6 114.6



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: 39.421 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

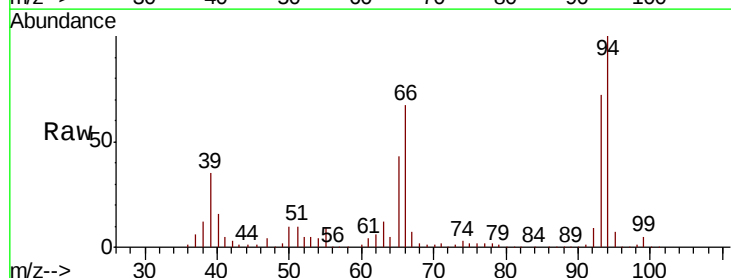
Tgt Ion: 94 Resp: 643032

Ion Ratio Lower Upper

94 100

65 42.6 22.8 62.8

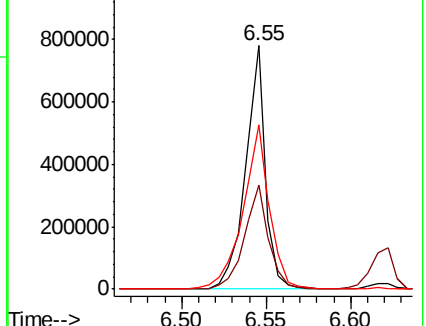
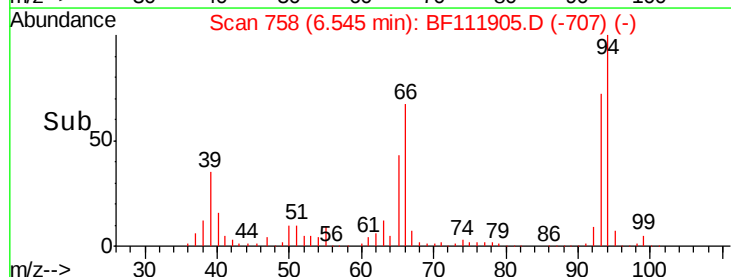
66 67.2 43.3 83.3

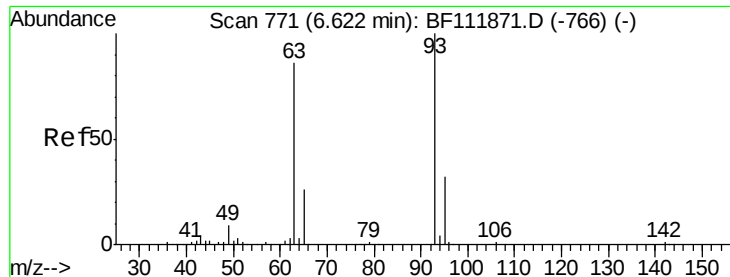


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.806 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

Instrument :

BNA_F

ClientSampleId :

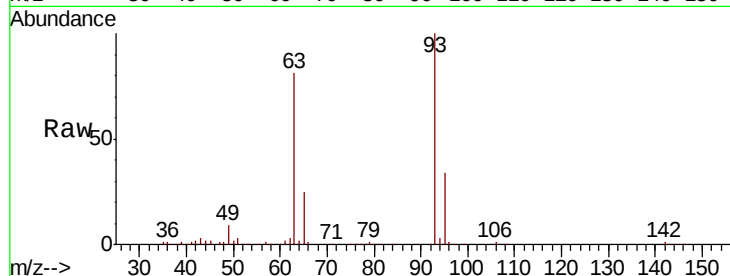
Tot Ion: 93 Resp: 489704

Ion Ratio Lower Upper

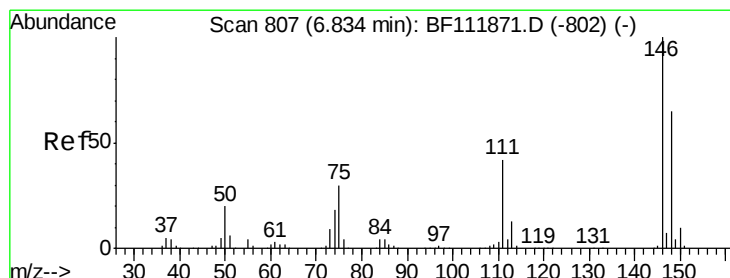
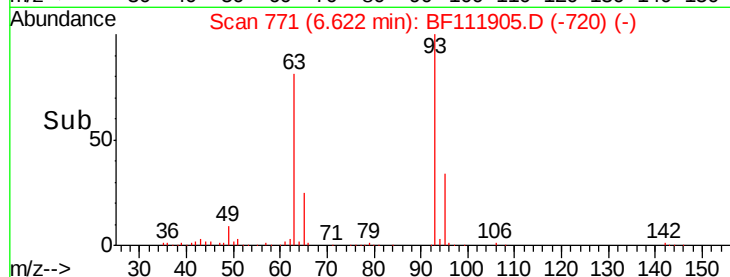
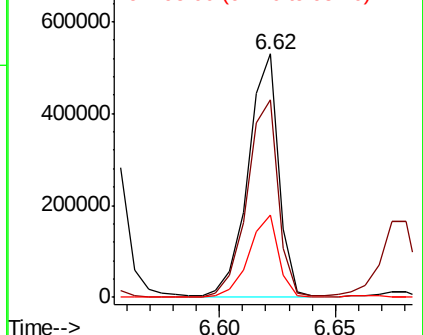
93 100

63 81.2 65.2 105.2

95 33.6 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: 39.818 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

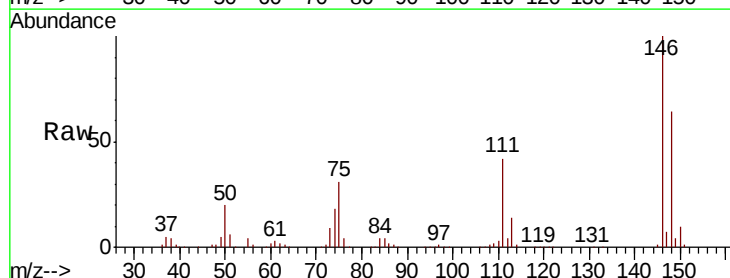
Tgt Ion: 146 Resp: 596851

Ion Ratio Lower Upper

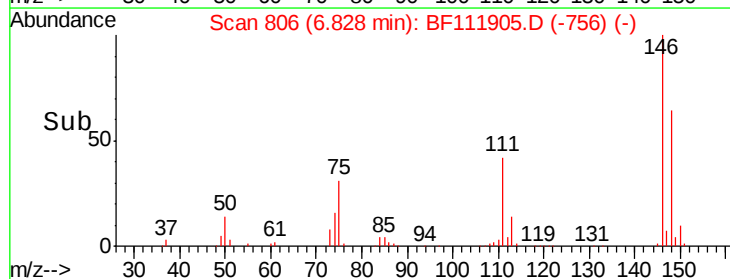
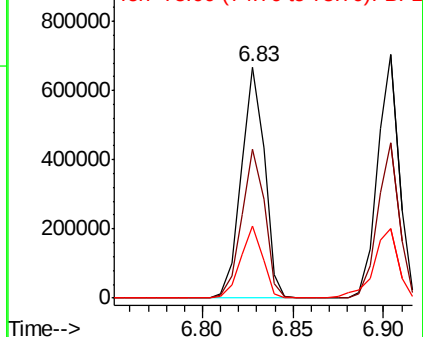
146 100

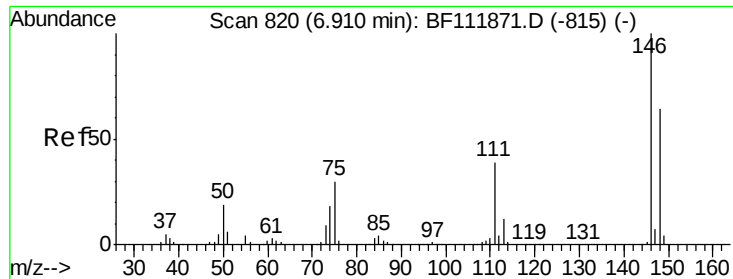
148 64.1 51.8 77.6

75 31.2 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

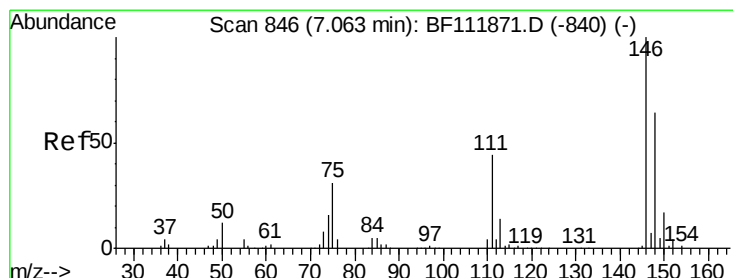
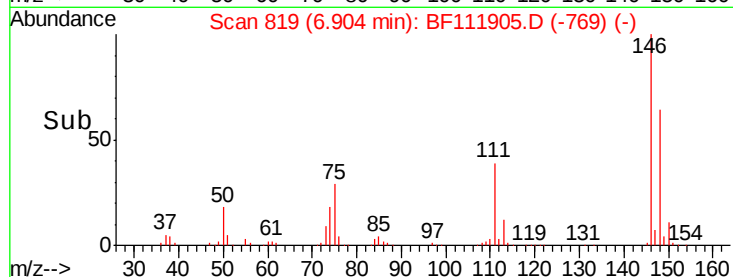
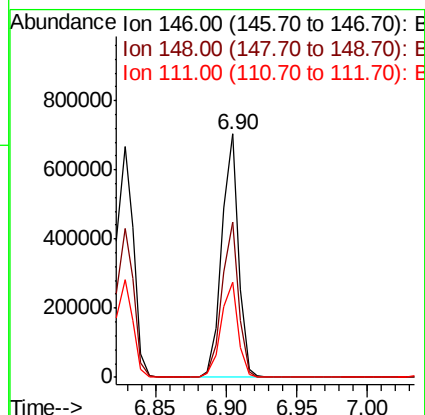
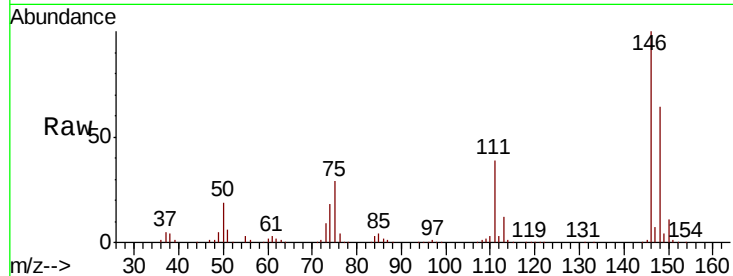




#13
 1,4-Dichlorobenzene
 Concen: 38.067 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF111905.D
 Acq: 8 Jan 2019 14:22

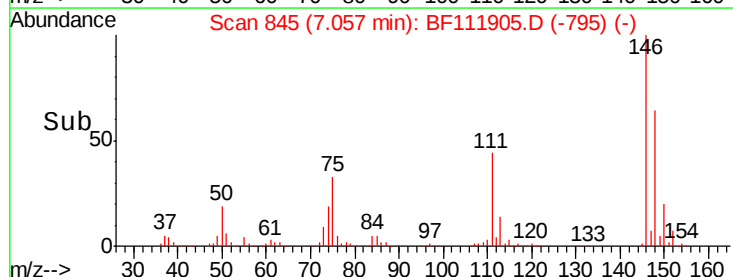
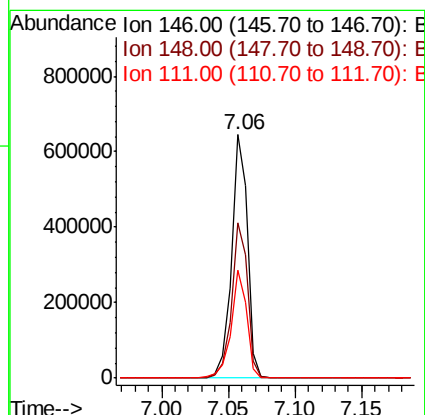
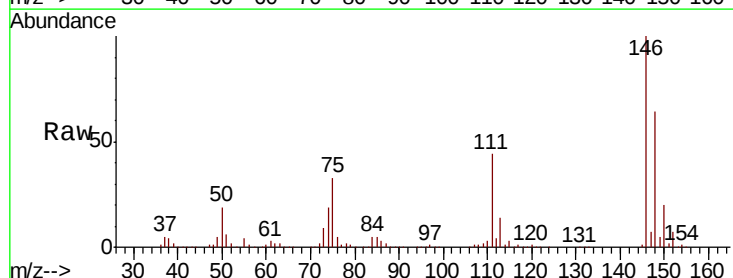
Instrument :
 BNA_F
 ClientSampled :

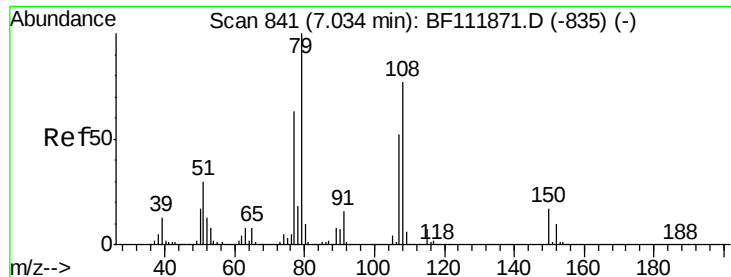
Tot Ion:146 Resp: 579030
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.2 76.8
 111 39.1 31.5 47.3



#14
 1,2-Dichlorobenzene
 Concen: 37.390 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF111905.D
 Acq: 8 Jan 2019 14:22

Tgt Ion:146 Resp: 543654
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.5 77.3
 111 44.4 35.5 53.3





#15

Benzyl Alcohol

Concen: 38.233 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

Instrument :

BNA_F

ClientSampled :

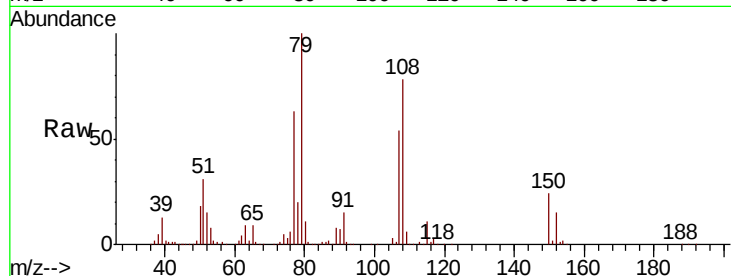
Tot Ion: 79 Resp: 454010

Ion Ratio Lower Upper

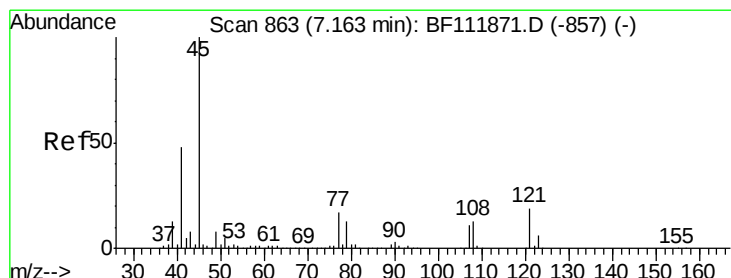
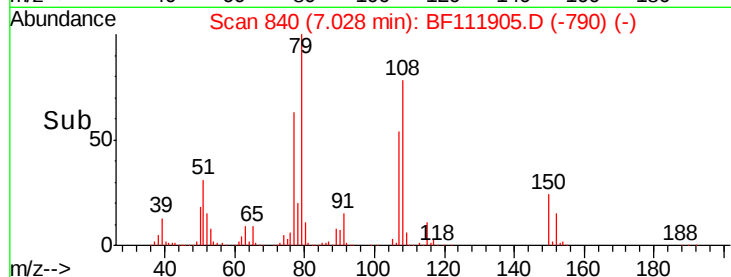
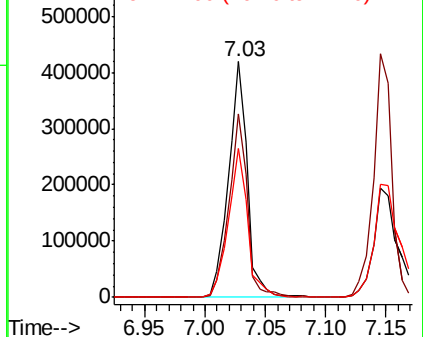
79 100

108 77.7 61.4 92.0

77 63.2 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: 37.989 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

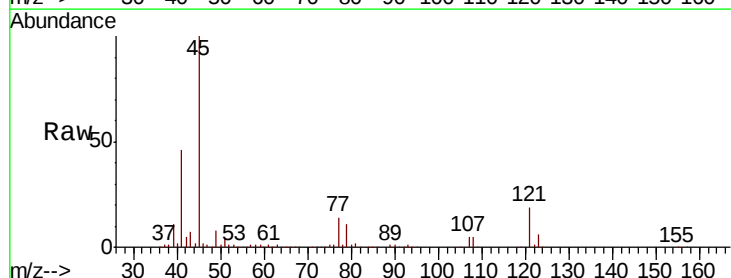
Tgt Ion: 45 Resp: 817360

Ion Ratio Lower Upper

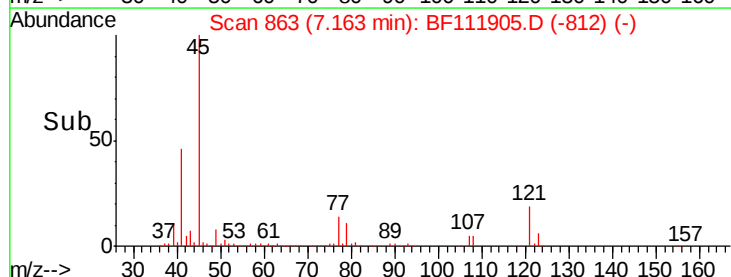
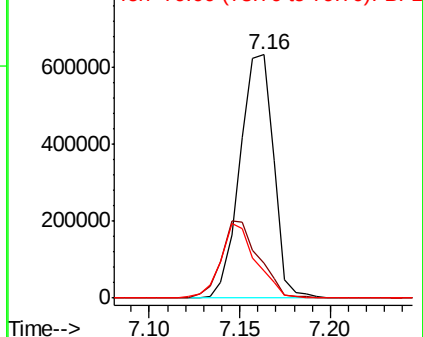
45 100

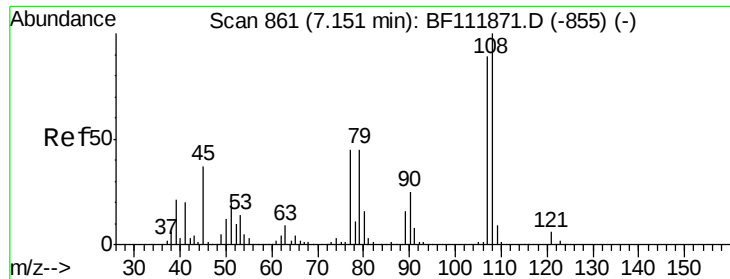
77 14.3 0.0 37.1

79 11.4 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

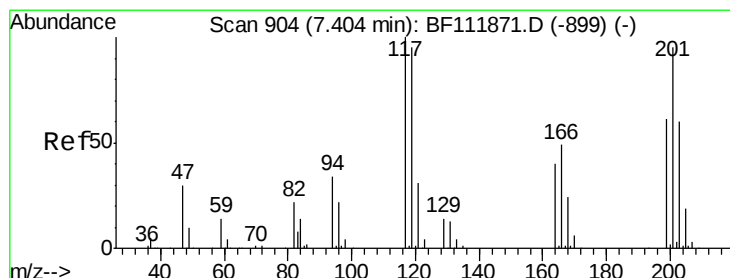
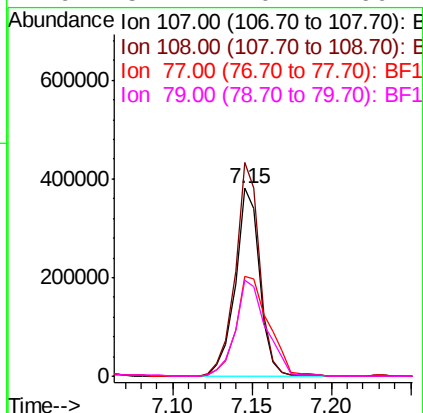
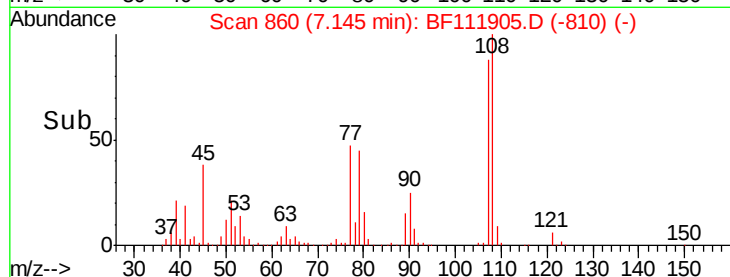
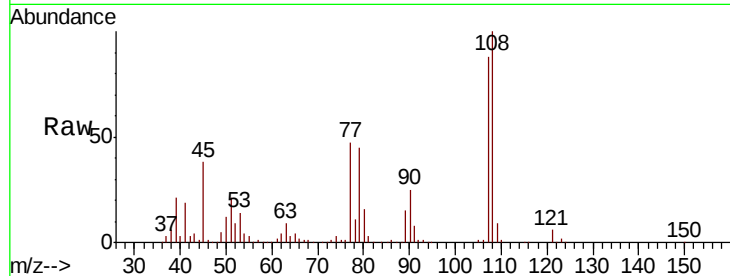




#17
2-Methylphenol
Concen: 39.063 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

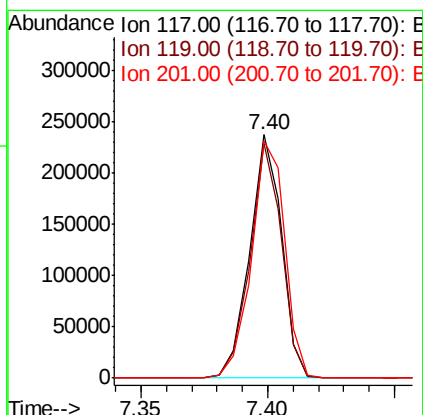
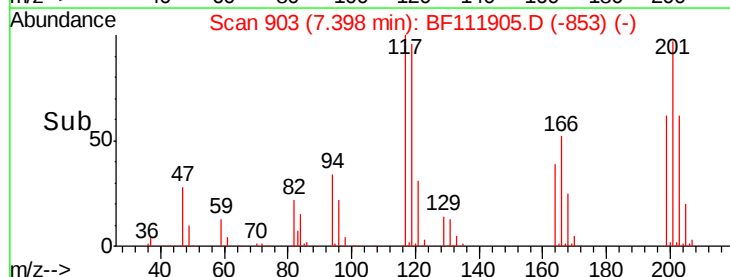
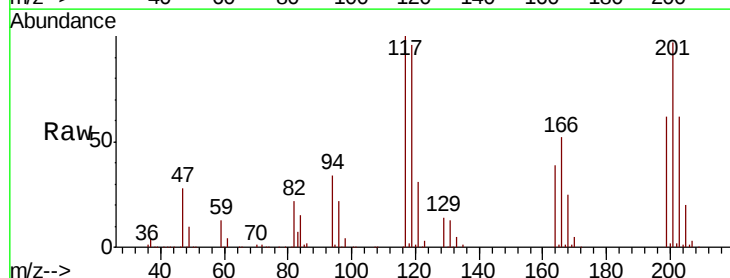
Instrument :
BNA_F
ClientSampleId :

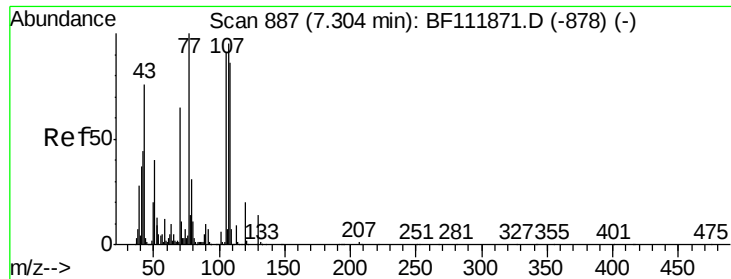
Tot Ion:107 Resp: 405936
Ion Ratio Lower Upper
107 100
108 113.7 89.7 134.5
77 53.0 40.6 60.8
79 51.1 40.2 60.2



#18
Hexachloroethane
Concen: 39.215 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Tgt Ion:117 Resp: 208262
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.2
201 97.3 75.7 113.5

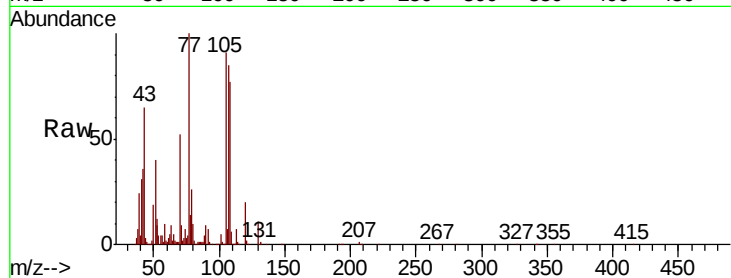




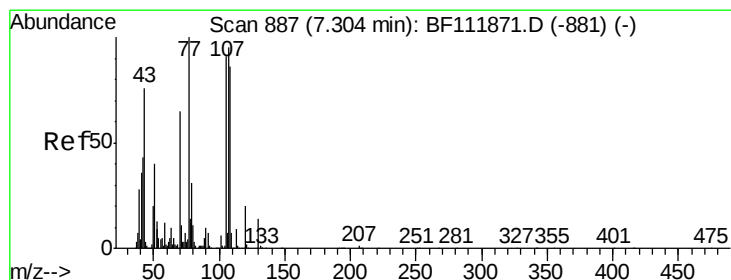
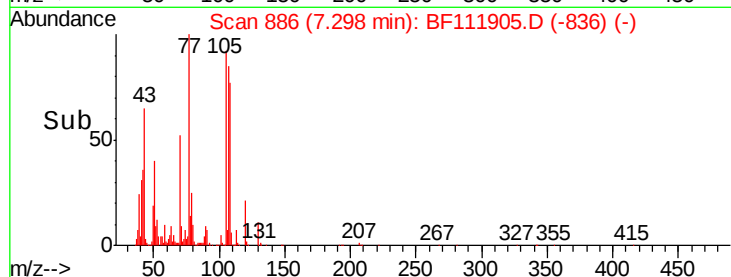
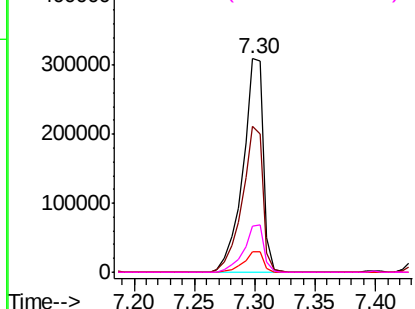
#19
n-Nitroso-di-n-propylamine
Concen: 37.373 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	364437
Ion	Ratio	Lower	Upper
70	100		
42	68.5	53.6	80.4
101	9.7	7.3	10.9
130	21.3	16.8	25.2

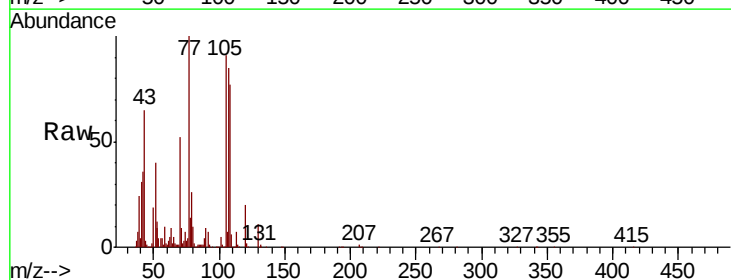


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

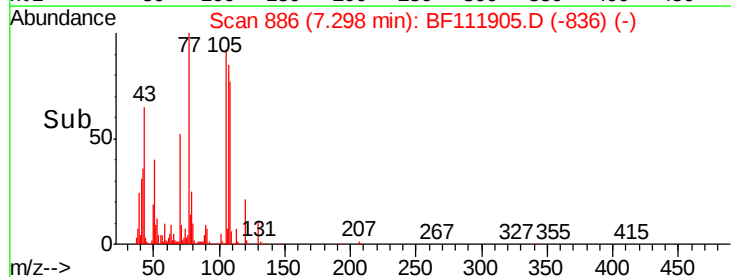
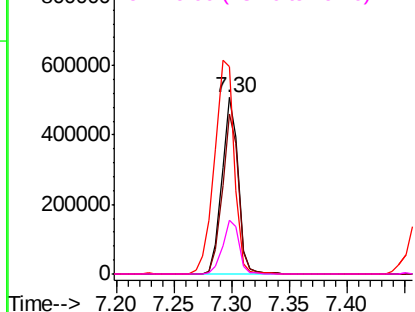


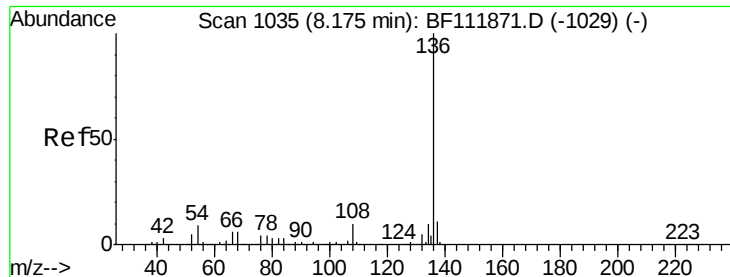
#20
3+4-Methylphenols
Concen: 38.410 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Tgt Ion:	107	Resp:	496772
Ion	Ratio	Lower	Upper
107	100		
108	90.4	71.1	111.1
77	117.2	85.4	125.4
79	30.6	12.4	52.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
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# 1034

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 660823

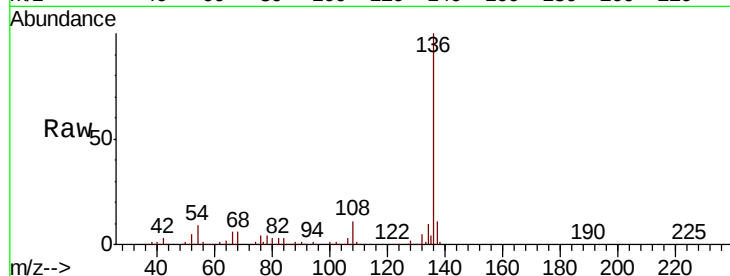
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.0 7.2 10.8

68 5.5 4.4 6.6

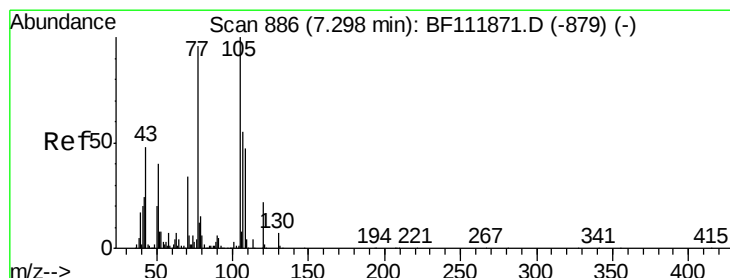
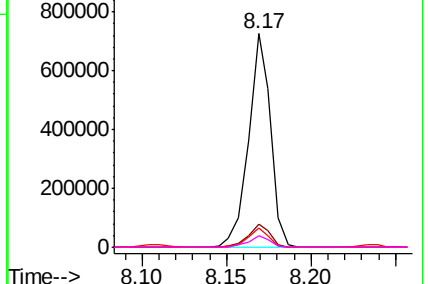
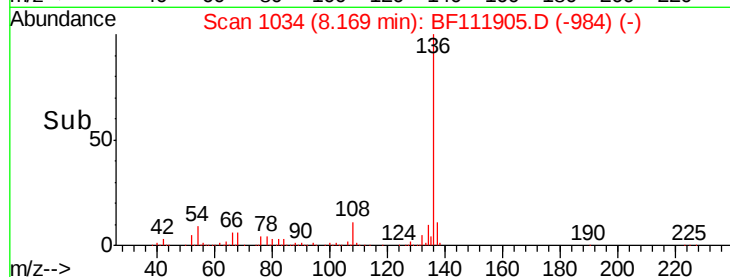


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.057 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

Tgt Ion:105 Resp: 720338

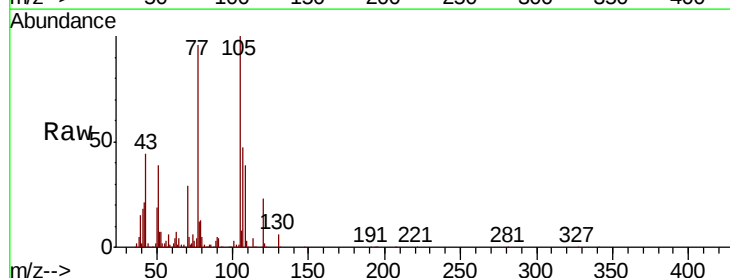
Ion Ratio Lower Upper

105 100

71 5.0 4.6 6.8

51 39.0 32.2 48.2

120 22.6 17.5 26.3

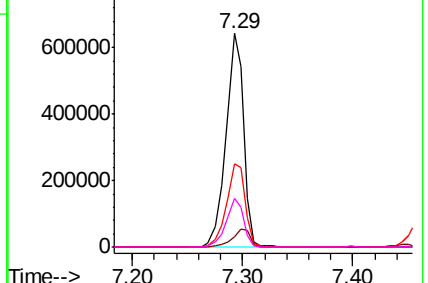
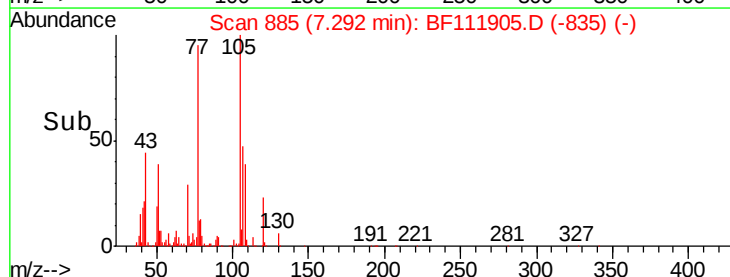


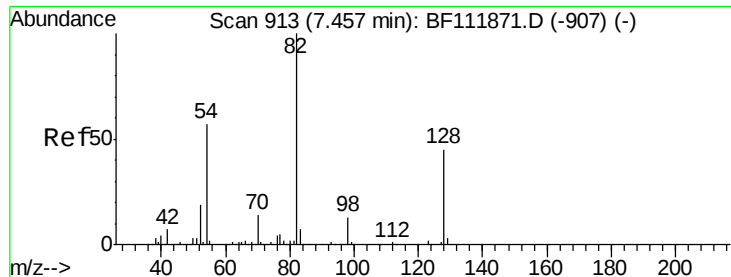
Abundance Ion 105.00 (104.70 to 105.70): E

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



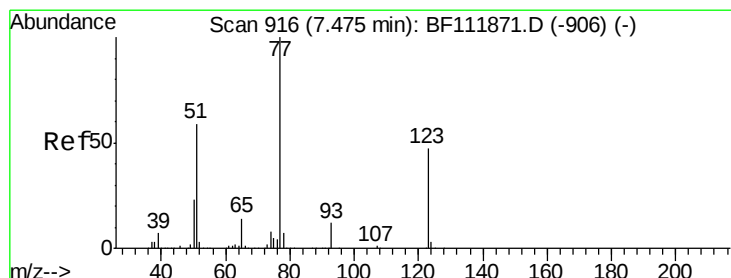
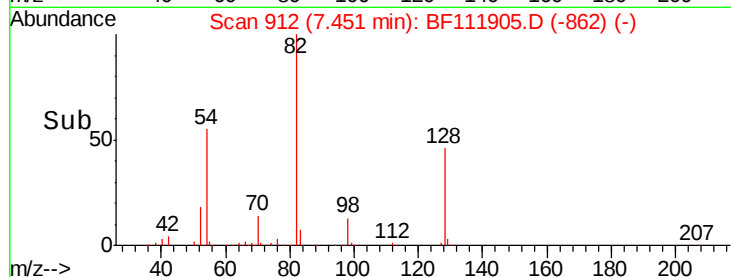
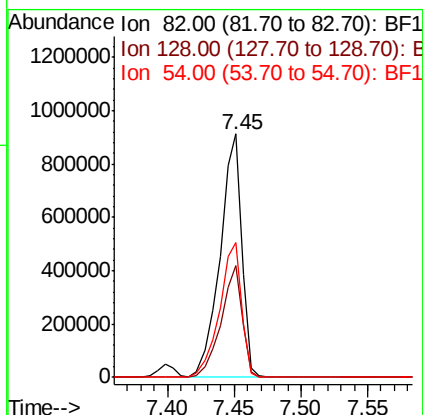
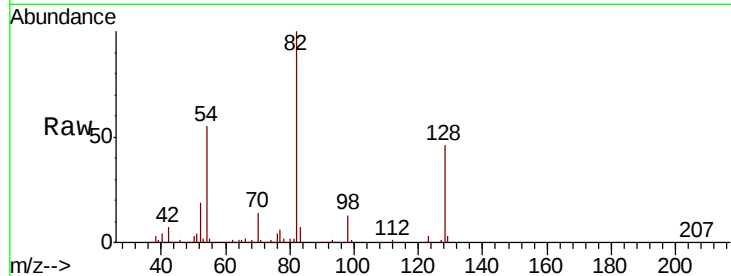


#23
 Nitrobenzene-d5
 Concen: 84.760 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF111905.D
 Acq: 8 Jan 2019 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1048017

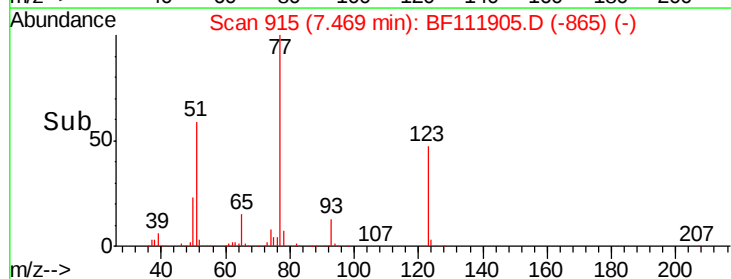
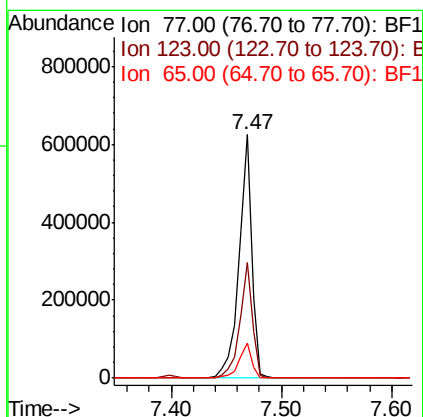
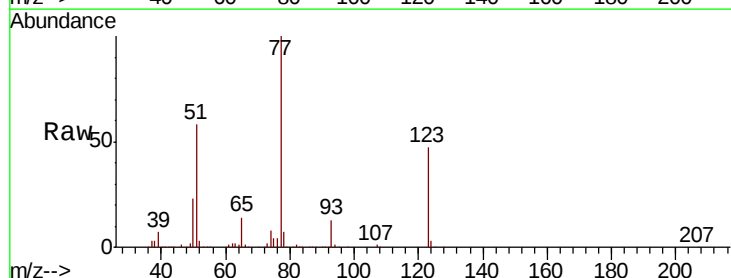
Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.7	53.5
54	55.4	45.8	68.8

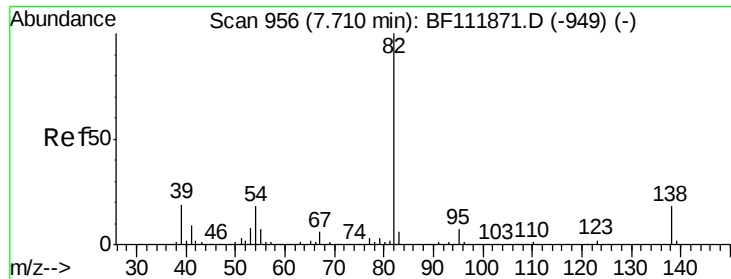


#24
 Nitrobenzene
 Concen: 41.176 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF111905.D
 Acq: 8 Jan 2019 14:22

Tgt Ion: 77 Resp: 515016

Ion	Ratio	Lower	Upper
77	100		
123	47.3	38.1	57.1
65	14.4	11.0	16.4





#25

Isophorone

Concen: 37.207 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

Instrument :

BNA_F

ClientSampleId :

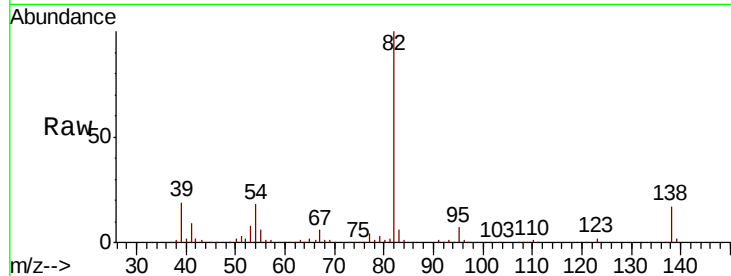
Tot Ion: 82 Resp: 744952

Ion Ratio Lower Upper

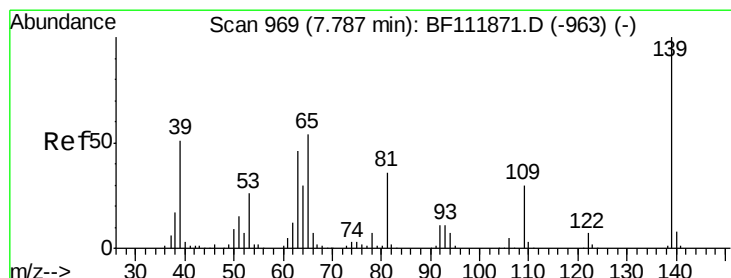
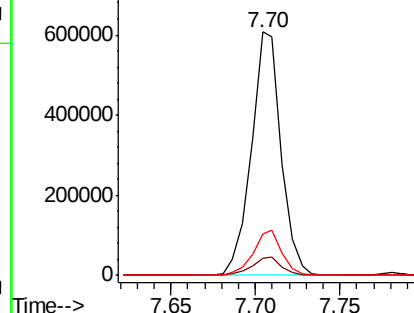
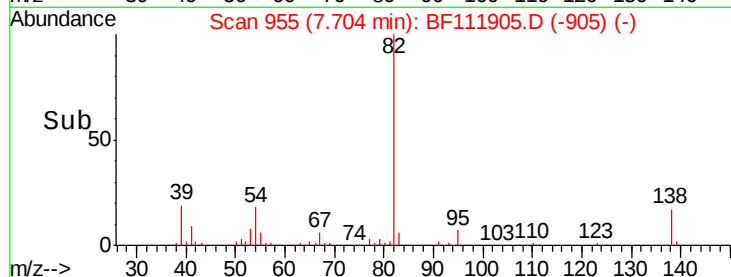
82 100

95 7.2 5.8 8.6

138 17.2 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: 39.519 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

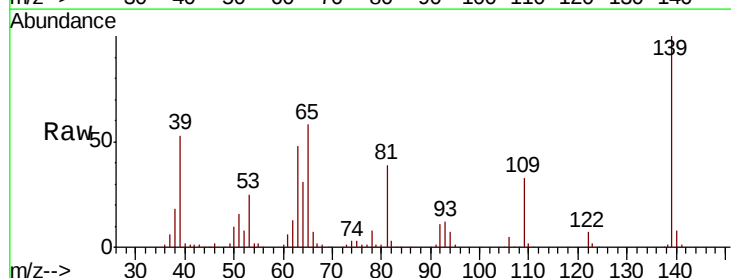
Tgt Ion: 139 Resp: 243380

Ion Ratio Lower Upper

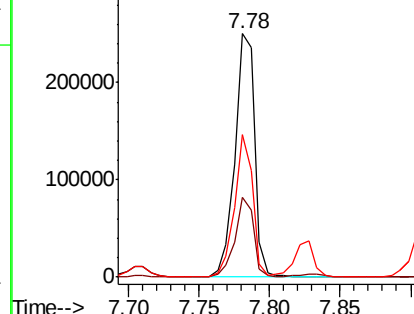
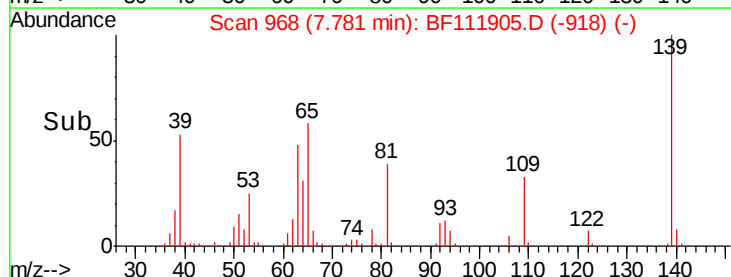
139 100

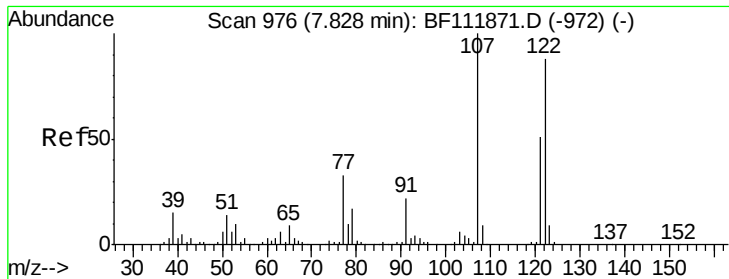
109 32.6 24.1 36.1

65 58.3 43.6 65.4



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

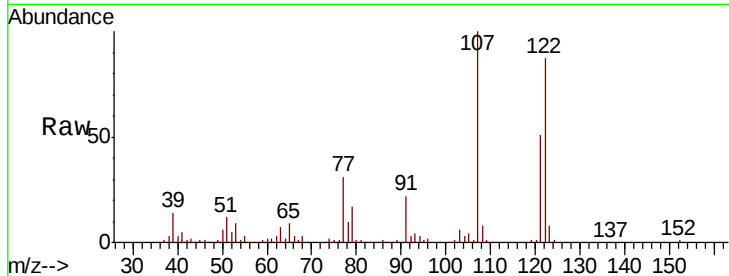




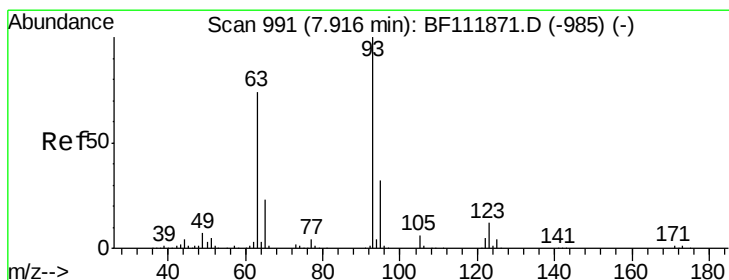
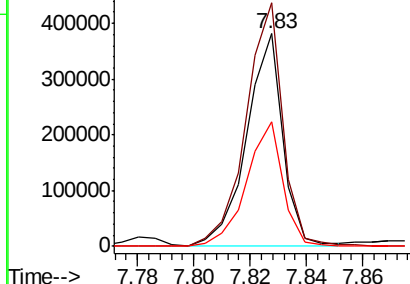
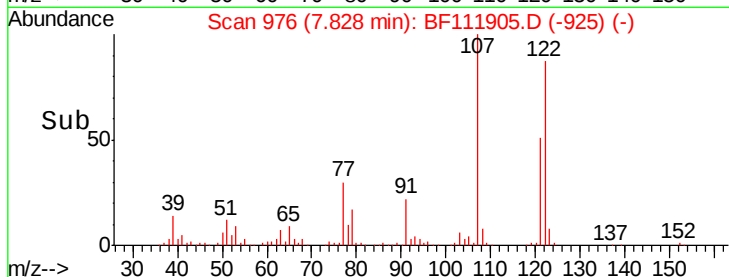
#27
2,4-Dimethylphenol
Concen: 37.851 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.4	91.0	136.6
121	58.6	46.8	70.2

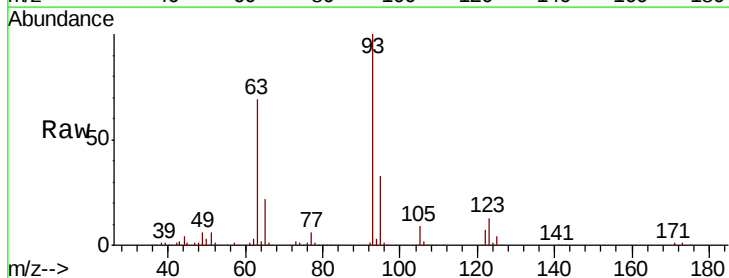


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

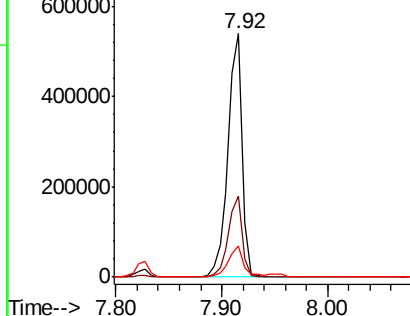
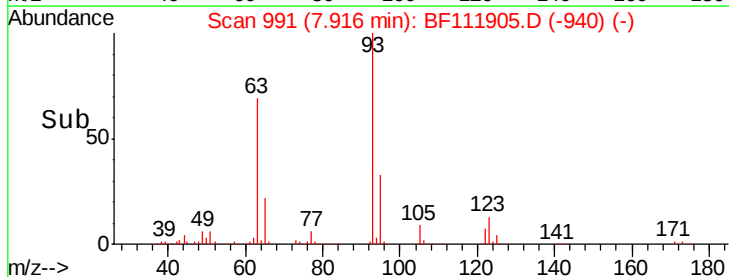


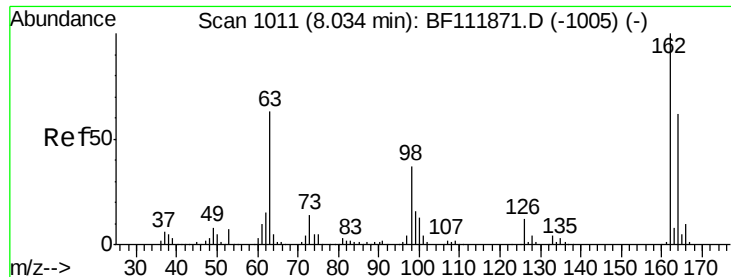
#28
bis(2-Chloroethoxy)methane
Concen: 37.354 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.8	38.6
123	12.6	9.5	14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

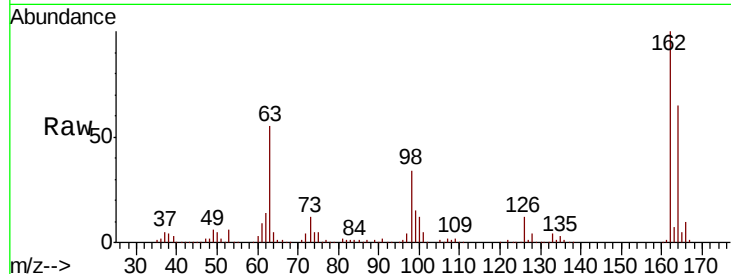




#29
 2,4-Dichlorophenol
 Concen: 38.294 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF111905.D
 Acq: 8 Jan 2019 14:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	42.1	82.1
98	34.3	17.2	57.2

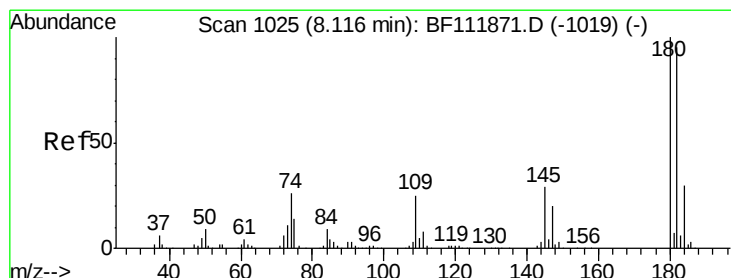
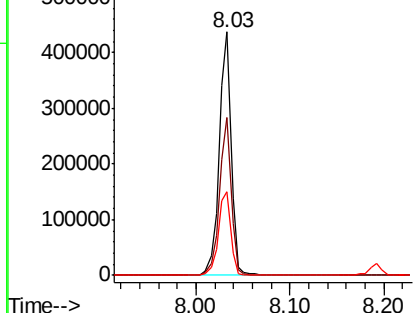
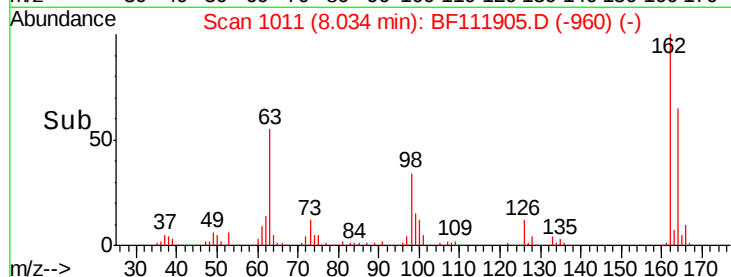


Abundance

Ion 162.00 (161.70 to 162.70): E

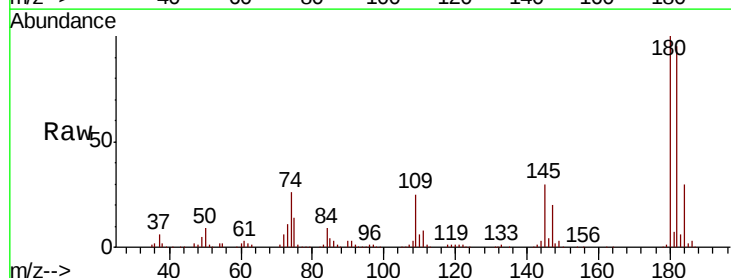
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.142 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF111905.D
 Acq: 8 Jan 2019 14:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.2	114.4
145	30.4	23.4	35.2

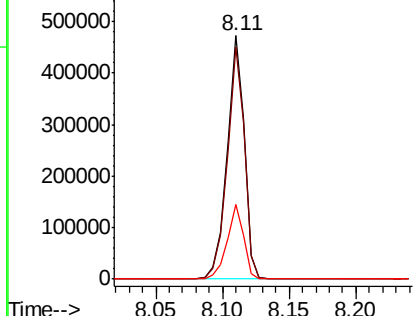
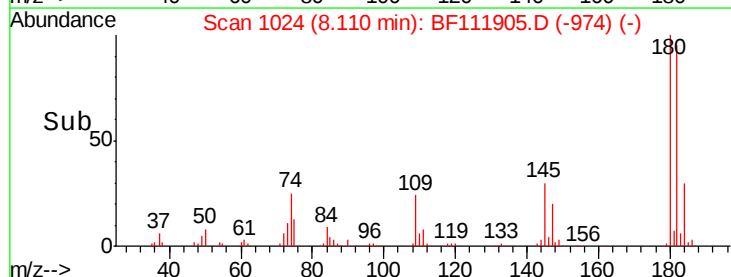


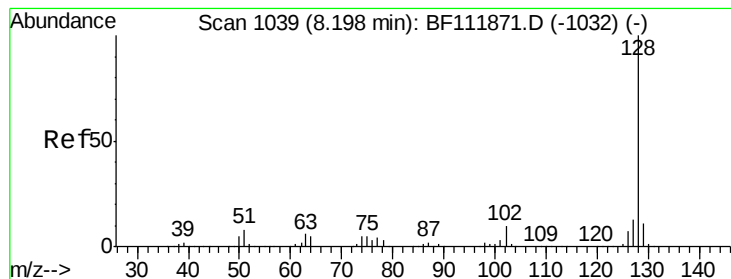
Abundance

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: 38.466 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

Instrument :

BNA_F

ClientSampleId :

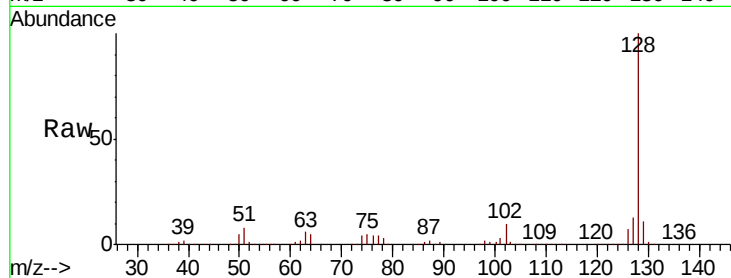
Tot Ion:128 Resp: 1206651

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

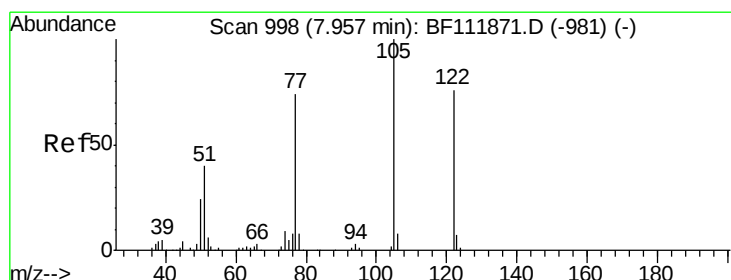
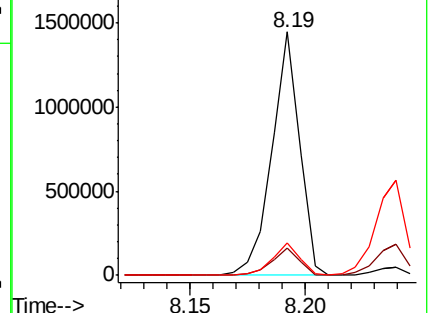
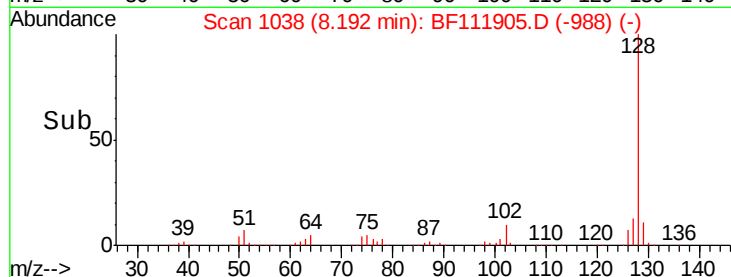
127 13.3 10.7 16.1



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: 36.894 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

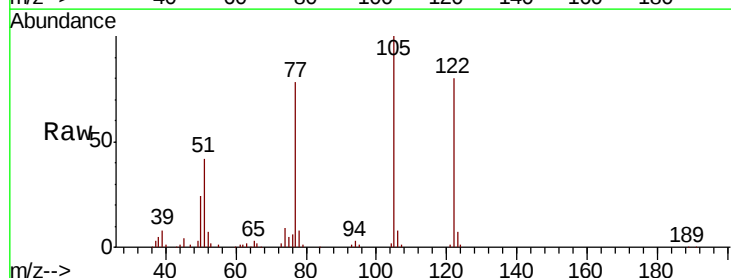
Tgt Ion:122 Resp: 213193

Ion Ratio Lower Upper

122 100

105 125.6 107.9 147.9

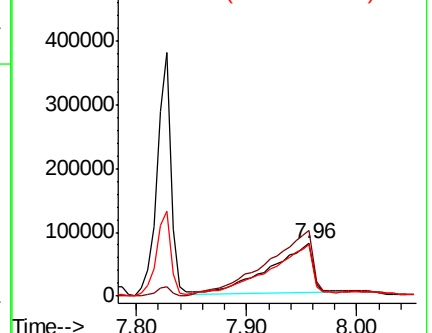
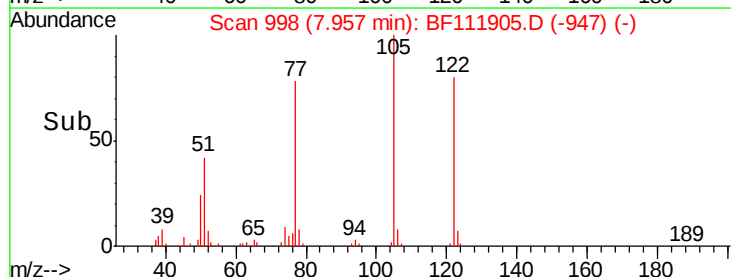
77 98.2 76.6 116.6

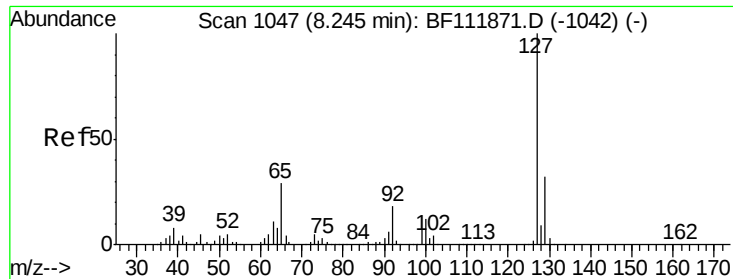


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

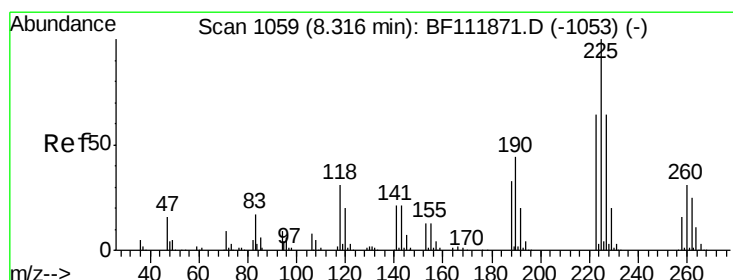
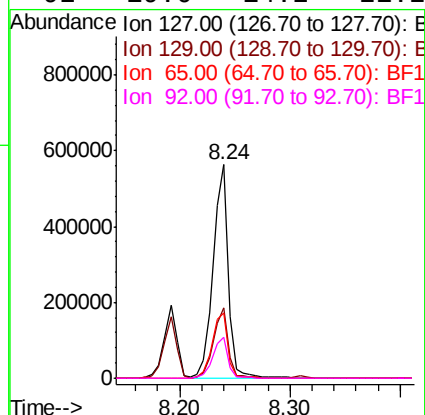
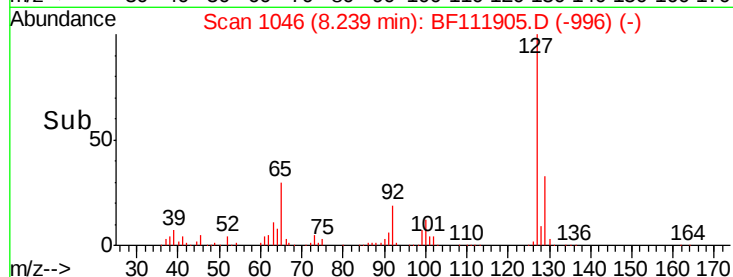
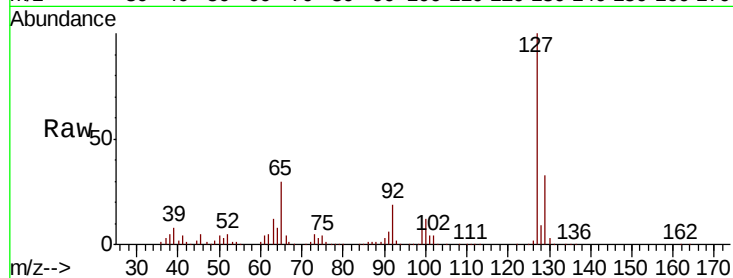




#33
4-Chloroaniline
Concen: 38.501 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

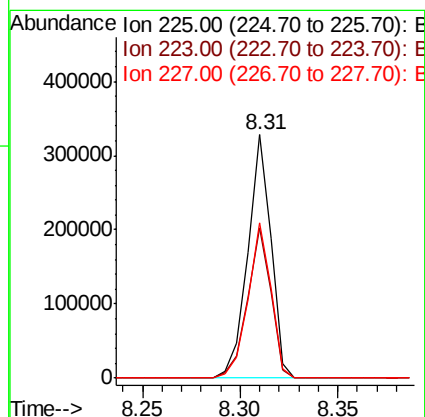
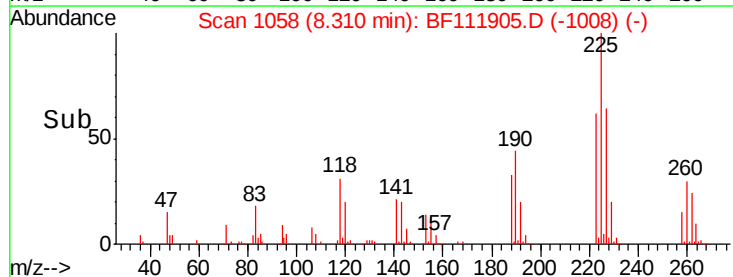
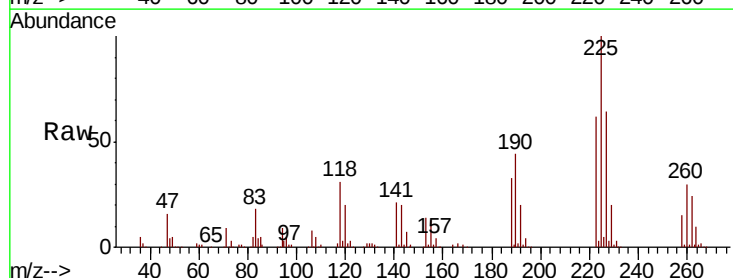
Instrument :
BNA_F
ClientSampleId :

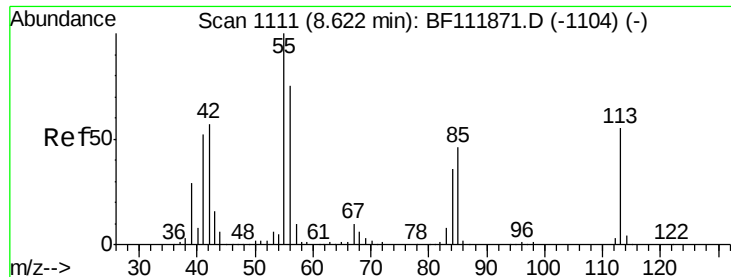
Tot Ion:	127	Resp:	522095
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.8	38.6
65	30.3	23.5	35.3
92	19.0	14.2	21.2



#34
Hexachlorobutadiene
Concen: 38.484 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Tgt Ion:	225	Resp:	270621
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.9	76.3
227	63.6	51.4	77.0

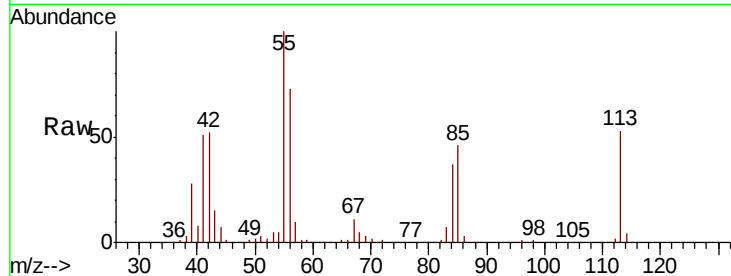




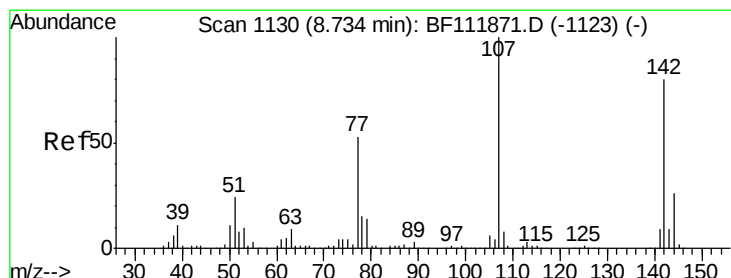
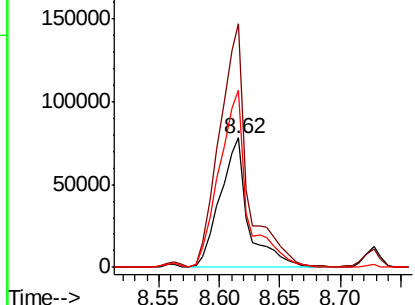
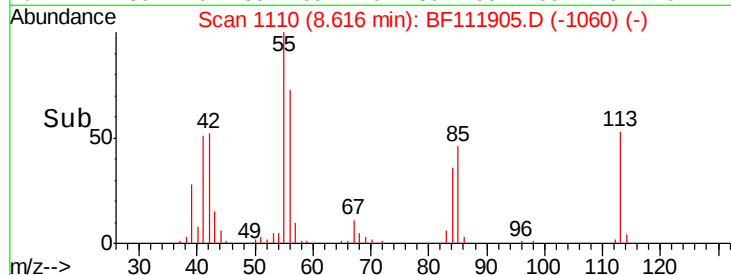
#35
Caprolactam
Concen: 37.988 ng
RT: 8.62 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 127087
Ion Ratio Lower Upper
113 100
55 188.1 162.0 202.0
56 136.6 116.0 156.0

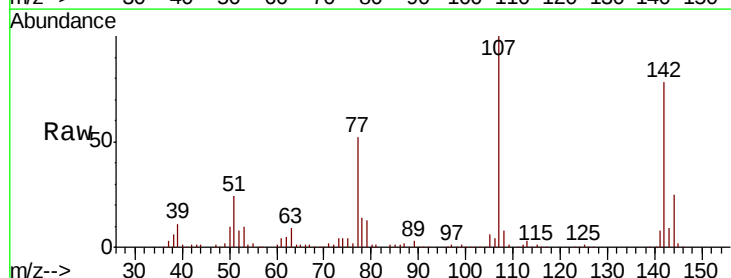


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

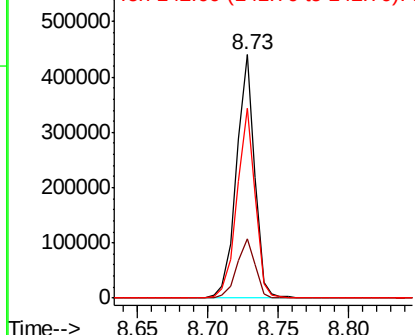
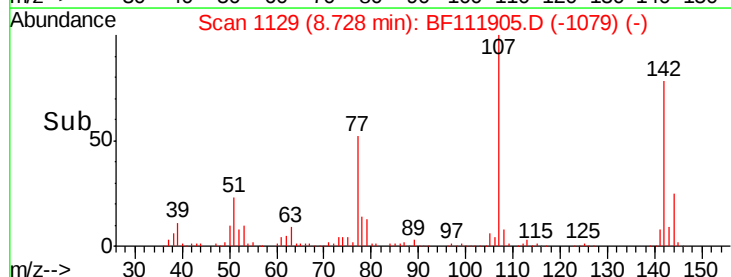


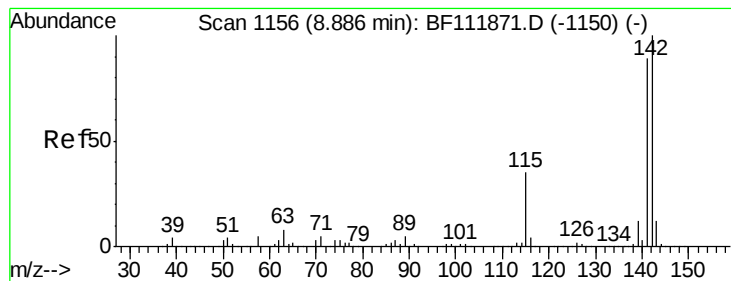
#36
4-Chloro-3-methylphenol
Concen: 38.783 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Tgt Ion:107 Resp: 394832
Ion Ratio Lower Upper
107 100
144 24.5 20.7 31.1
142 77.8 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

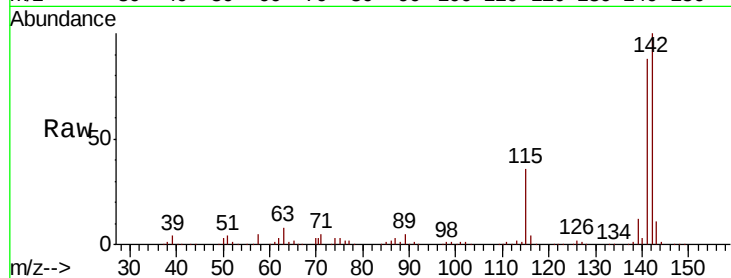




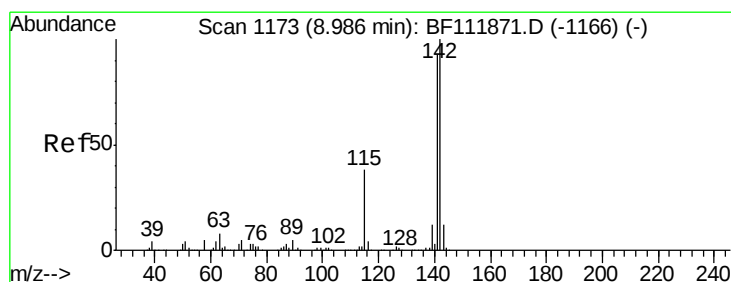
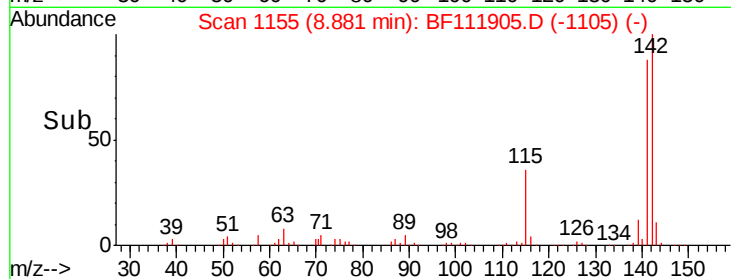
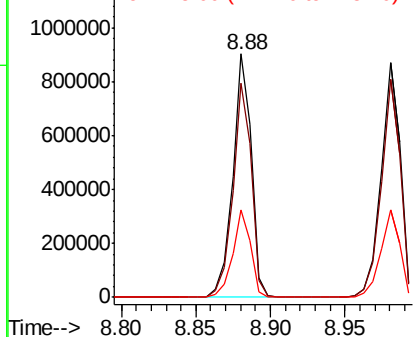
#37
2-Methylnaphthalene
Concen: 40.694 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 791004
Ion Ratio Lower Upper
142 100
141 87.8 71.4 107.2
115 36.0 28.3 42.5

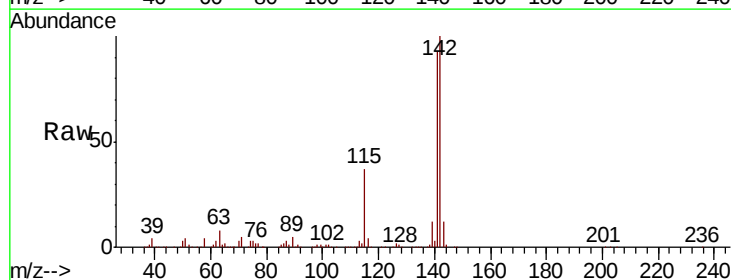


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

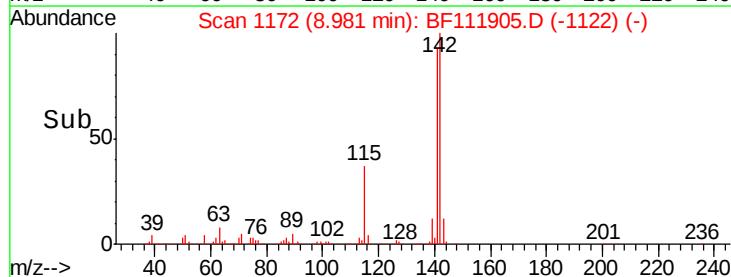
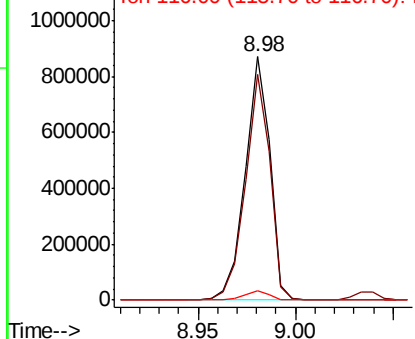


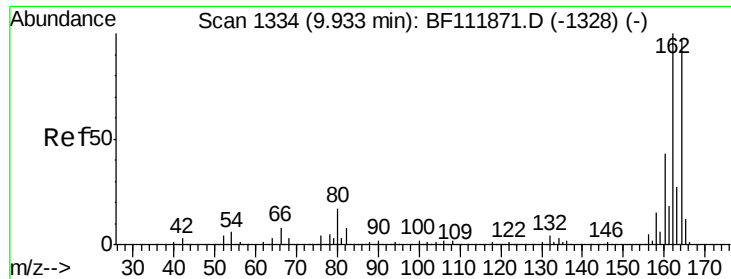
#38
1-Methylnaphthalene
Concen: 40.935 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Tgt Ion:142 Resp: 763181
Ion Ratio Lower Upper
142 100
141 92.8 74.8 112.2
116 4.1 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

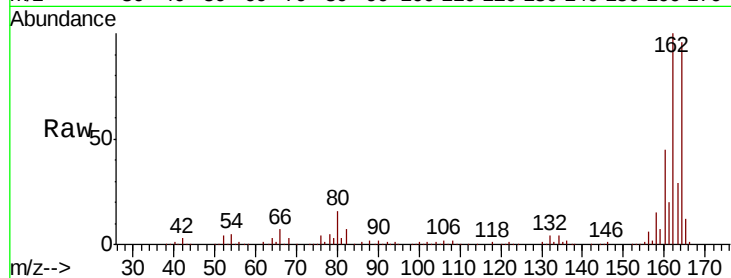




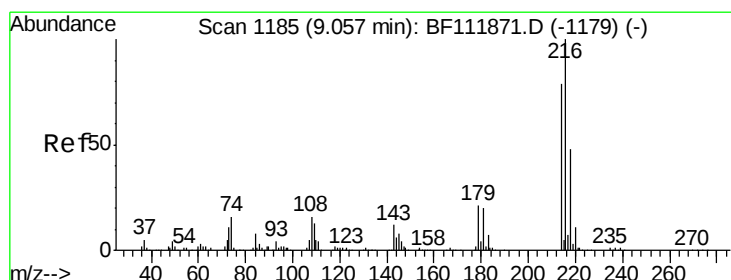
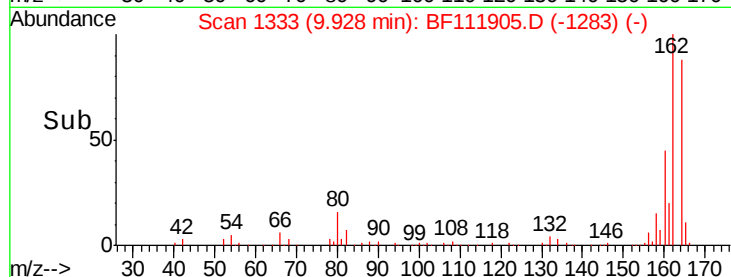
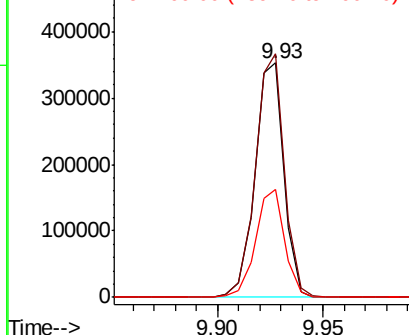
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF111905.D
 Acq: 8 Jan 2019 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 336811
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.2 123.2
 160 46.2 35.5 53.3

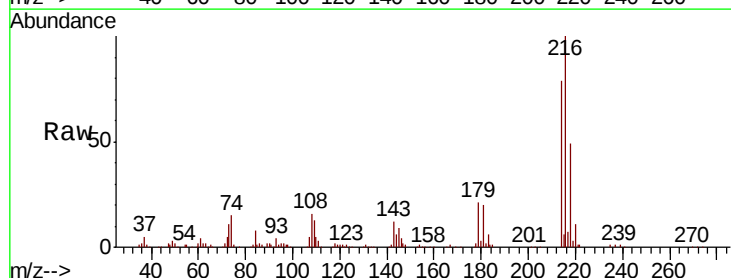


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

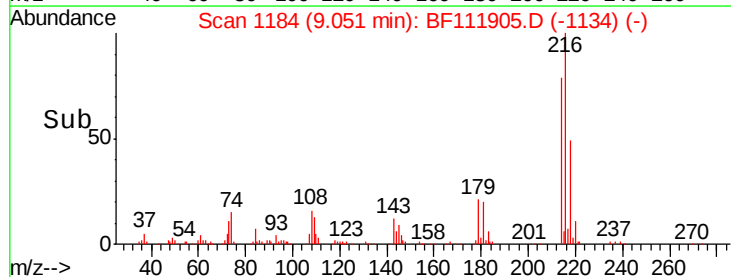
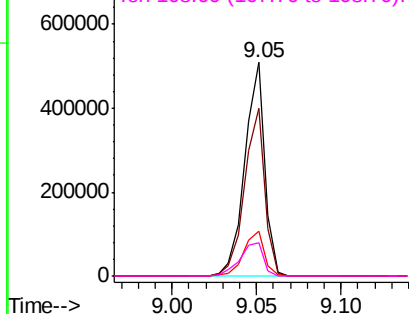


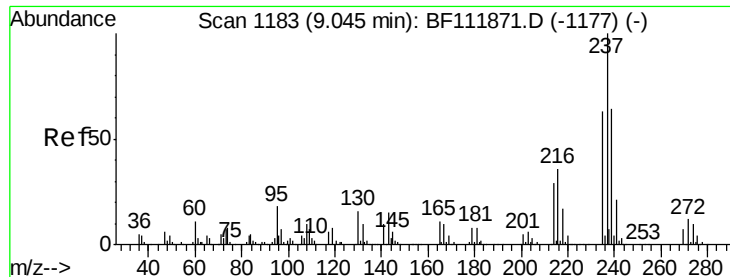
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.241 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF111905.D
 Acq: 8 Jan 2019 14:22

Tgt Ion:216 Resp: 421361
 Ion Ratio Lower Upper
 216 100
 214 79.3 63.5 95.3
 179 21.5 17.0 25.6
 108 18.5 14.6 22.0



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.601 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

Instrument :

BNA_F

ClientSampleId :

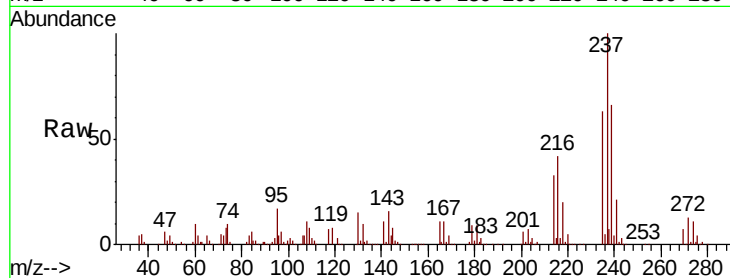
Tot Ion:237 Resp: 252073

Ion Ratio Lower Upper

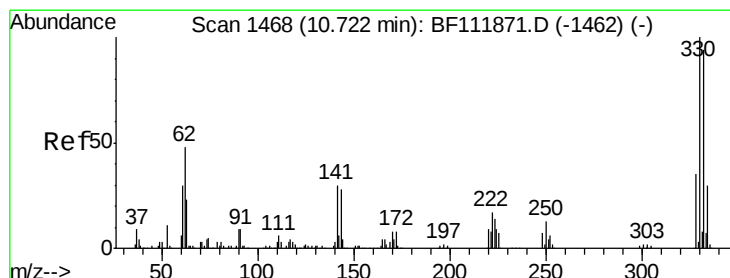
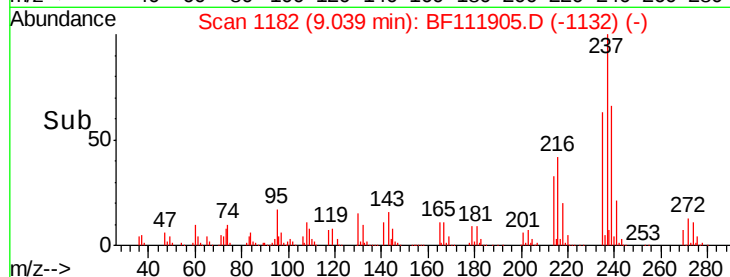
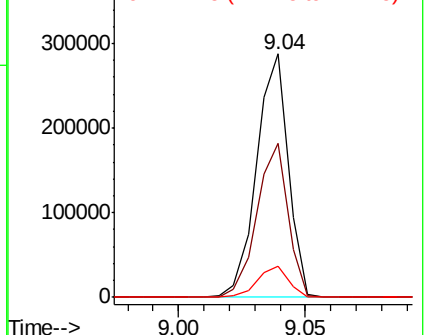
237 100

235 63.2 42.6 82.6

272 13.1 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: 75.441 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

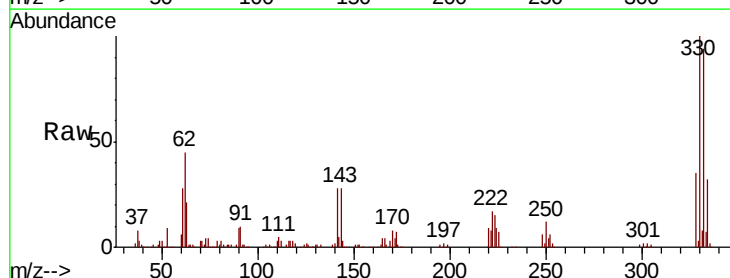
Tgt Ion:330 Resp: 330500

Ion Ratio Lower Upper

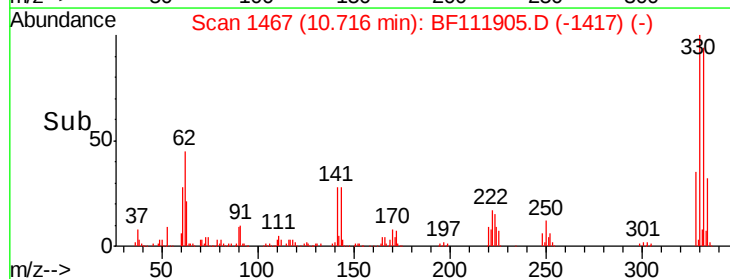
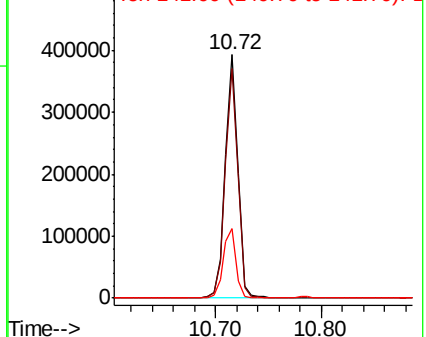
330 100

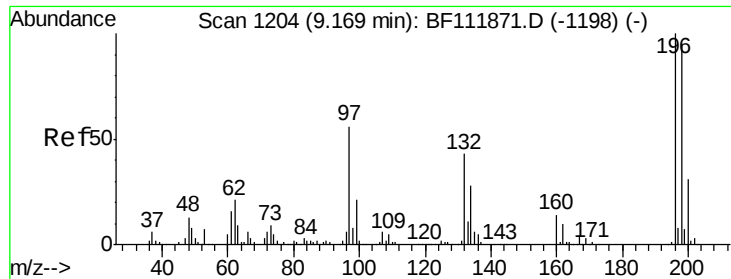
332 94.9 76.9 115.3

141 29.4 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

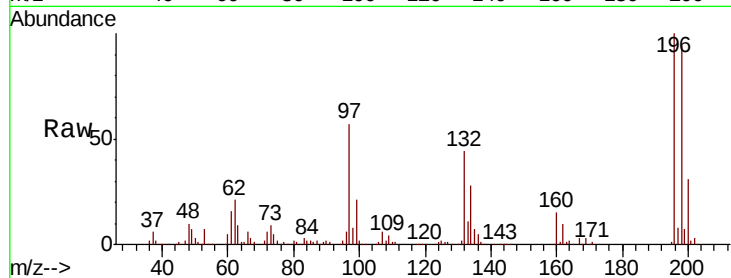




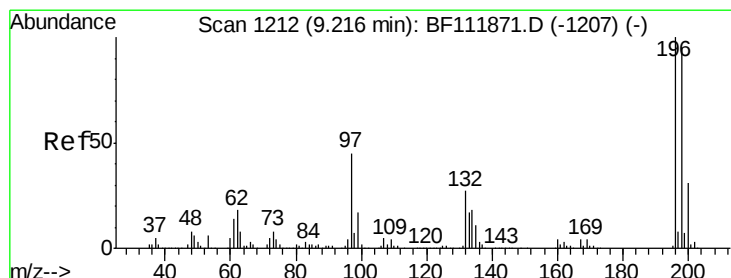
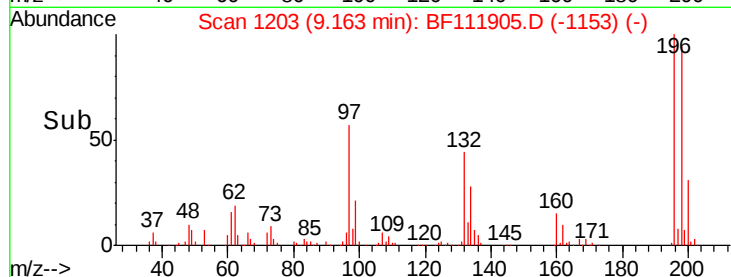
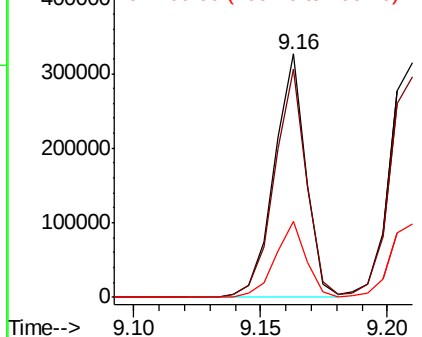
#43
 2,4,6-Trichlorophenol
 Concen: 39.254 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF111905.D
 Acq: 8 Jan 2019 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 285888
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.8 113.8
 200 31.1 24.5 36.7



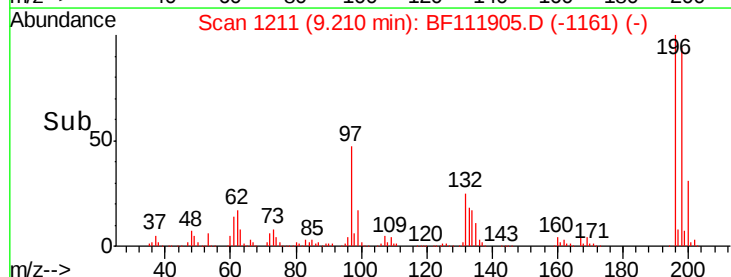
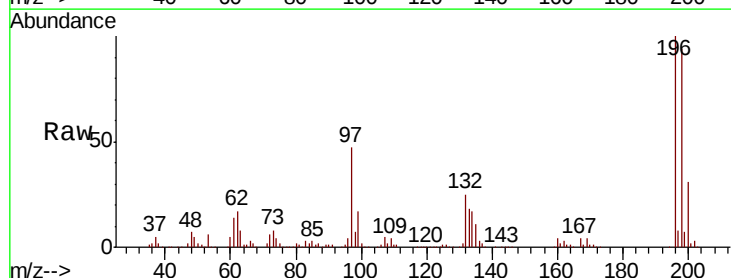
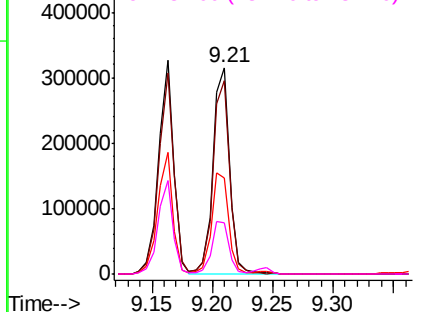
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

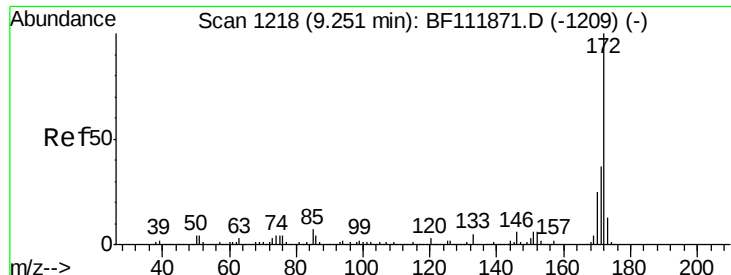


#44
 2,4,5-Trichlorophenol
 Concen: 38.905 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF111905.D
 Acq: 8 Jan 2019 14:22

Tgt Ion:196 Resp: 296867
 Ion Ratio Lower Upper
 196 100
 198 93.8 76.2 114.2
 97 46.7 36.4 54.6
 132 25.1 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

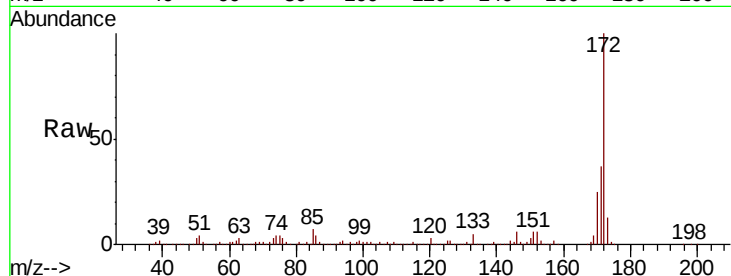




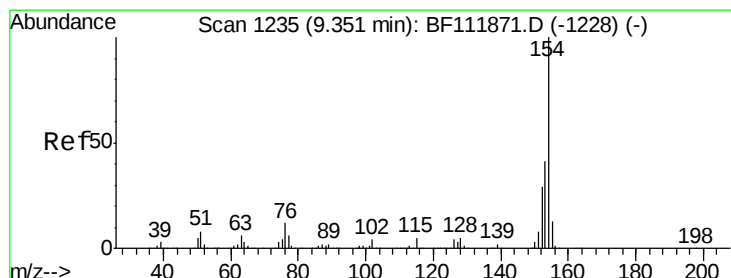
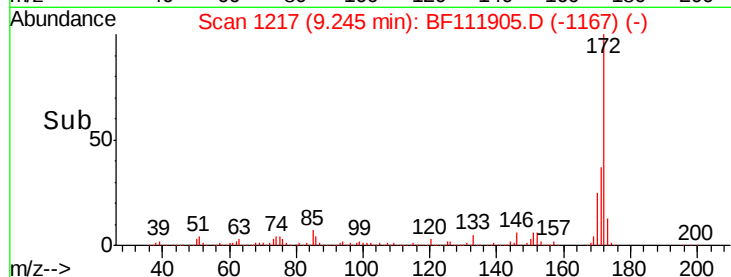
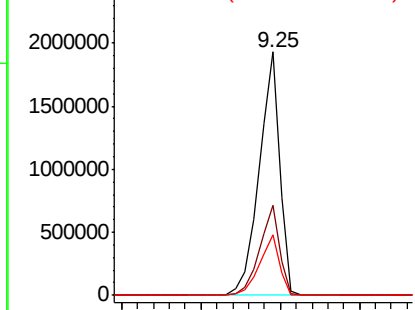
#45
 2-Fluorobiphenyl
 Concen: 75.985 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF111905.D
 Acq: 8 Jan 2019 14:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1755084
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 24.7 19.8 29.8

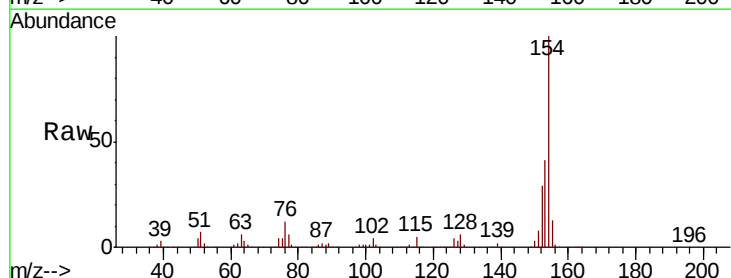


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

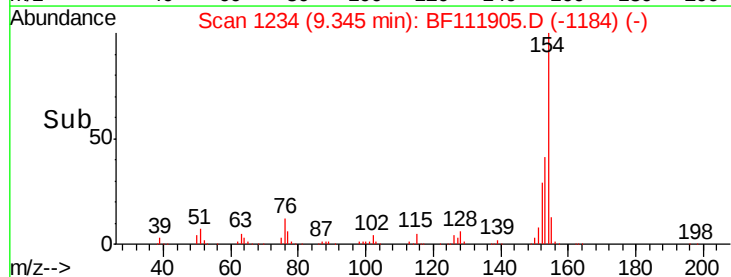
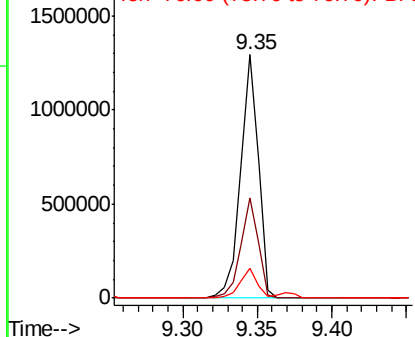


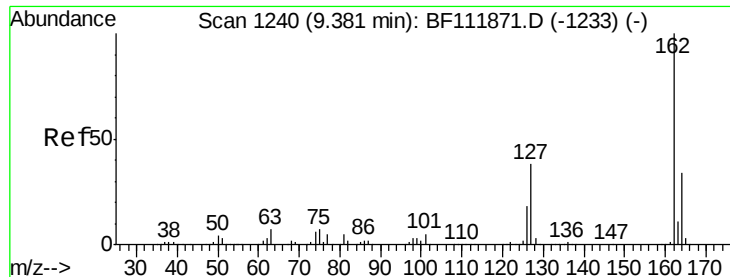
#46
 1,1'-Biphenyl
 Concen: 38.125 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF111905.D
 Acq: 8 Jan 2019 14:22

Tgt Ion:154 Resp: 1074128
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.3 61.3
 76 12.1 0.0 32.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

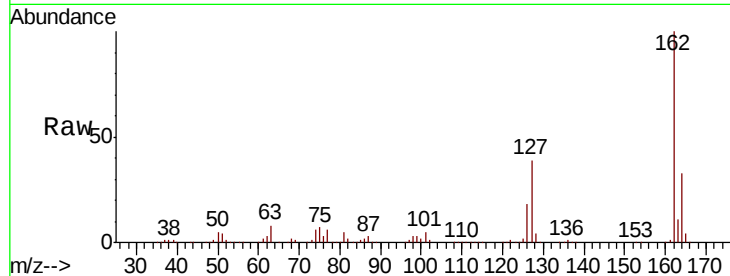




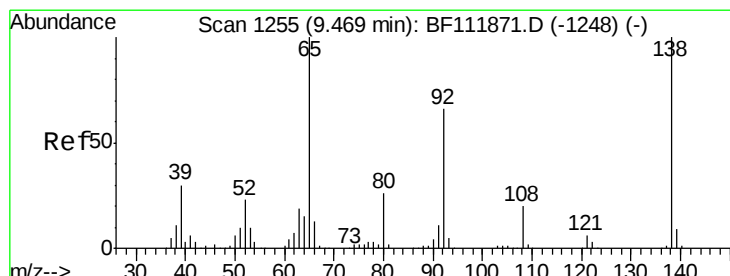
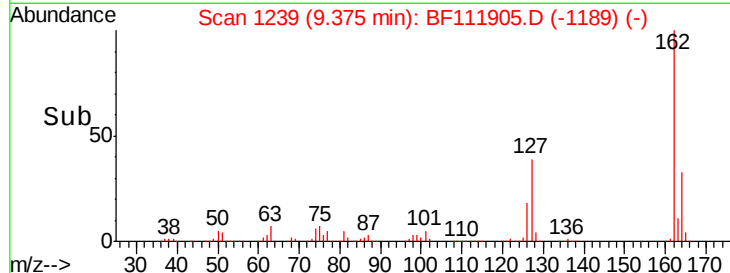
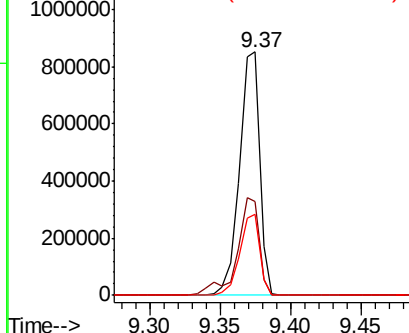
#47
 2-Chloronaphthalene
 Concen: 38.546 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF111905.D
 Acq: 8 Jan 2019 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 852317
 Ion Ratio Lower Upper
 162 100
 127 38.5 31.2 46.8
 164 33.1 27.0 40.6

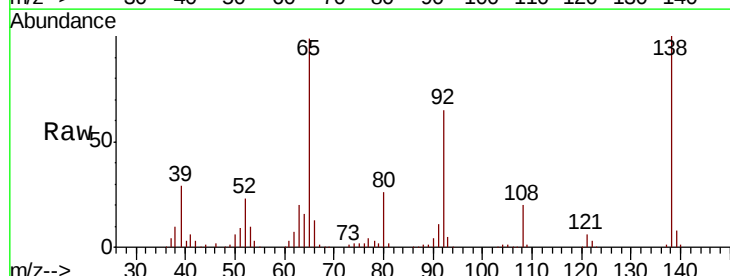


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

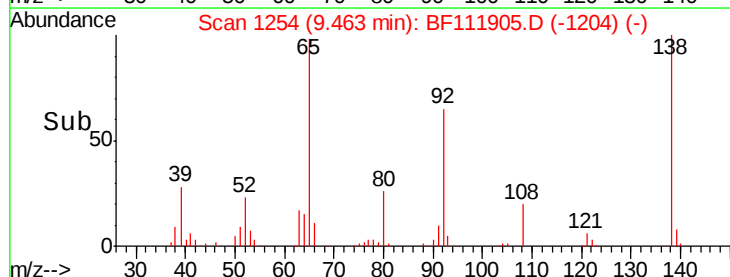
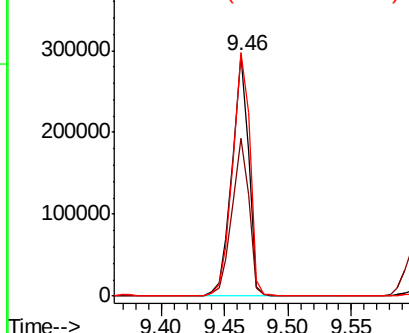


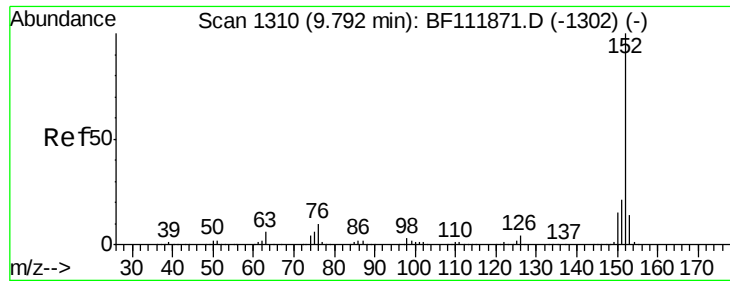
#48
 2-Nitroaniline
 Concen: 39.368 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF111905.D
 Acq: 8 Jan 2019 14:22

Tgt Ion: 65 Resp: 266139
 Ion Ratio Lower Upper
 65 100
 92 65.7 52.5 78.7
 138 101.2 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: 38.183 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

Instrument :

BNA_F

ClientSampleId :

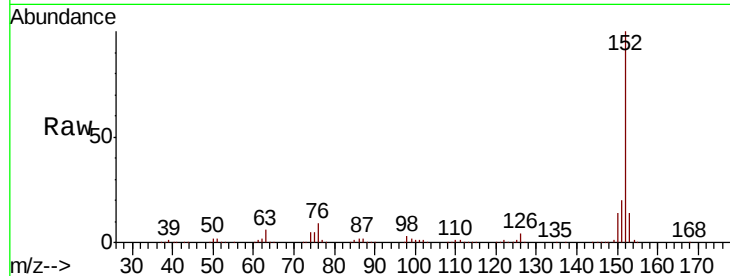
Tot Ion:152 Resp: 1248207

Ion Ratio Lower Upper

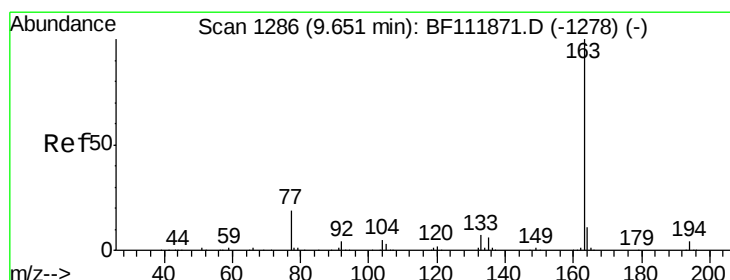
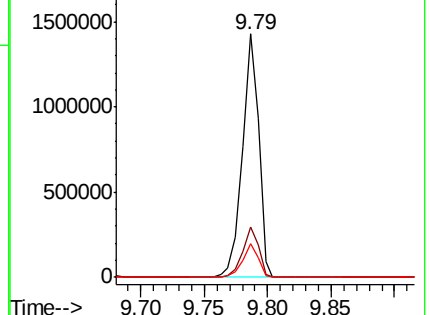
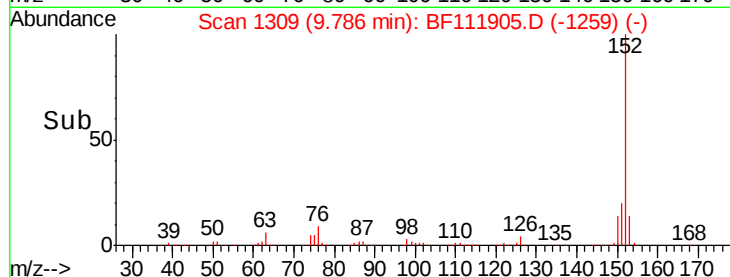
152 100

151 20.5 16.6 25.0

153 13.7 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: 36.990 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

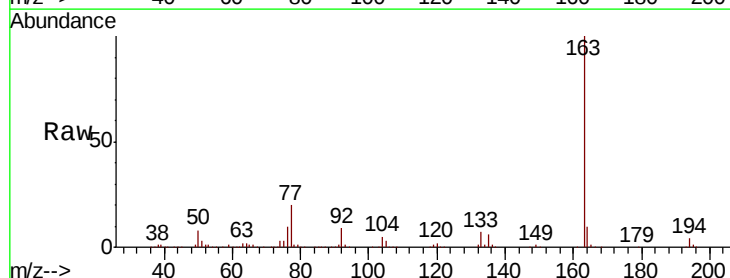
Tgt Ion:163 Resp: 935903

Ion Ratio Lower Upper

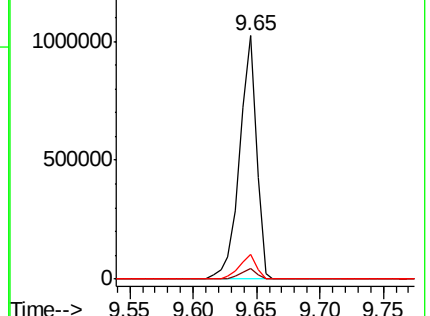
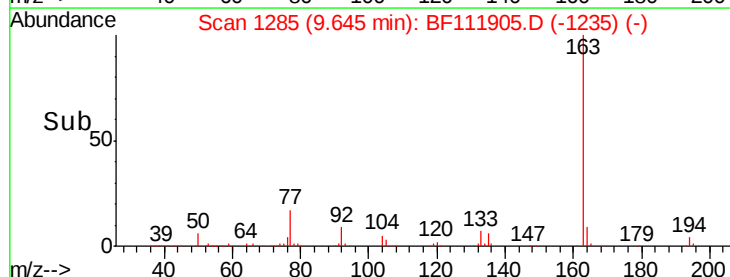
163 100

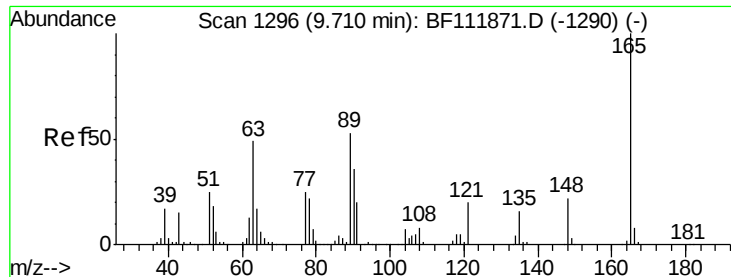
194 4.3 3.4 5.2

164 10.2 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

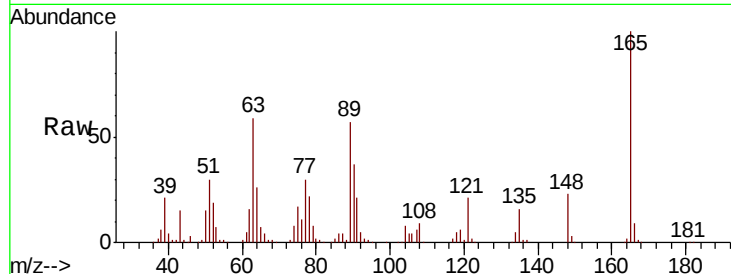




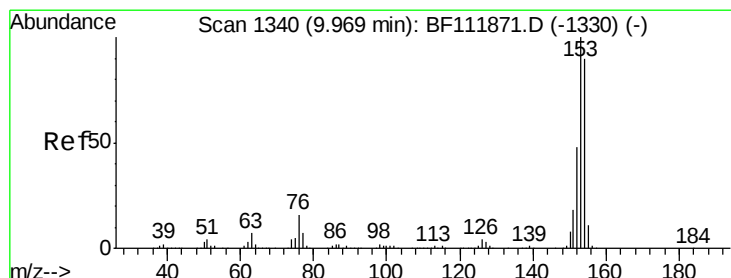
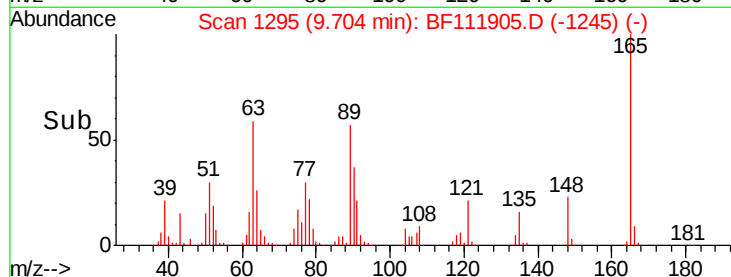
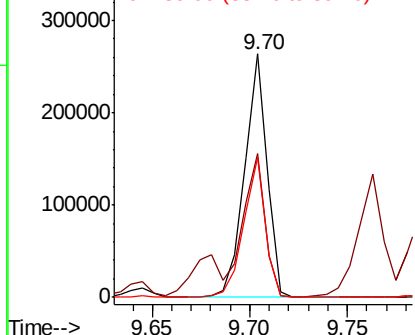
#51
 2,6-Dinitrotoluene
 Concen: 37.254 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF111905.D
 Acq: 8 Jan 2019 14:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 210782
 Ion Ratio Lower Upper
 165 100
 63 59.2 46.2 69.2
 89 57.4 42.2 63.2

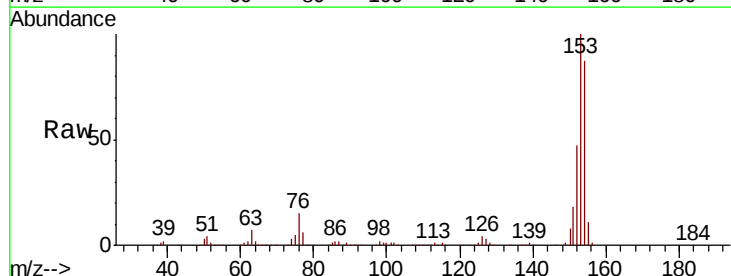


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

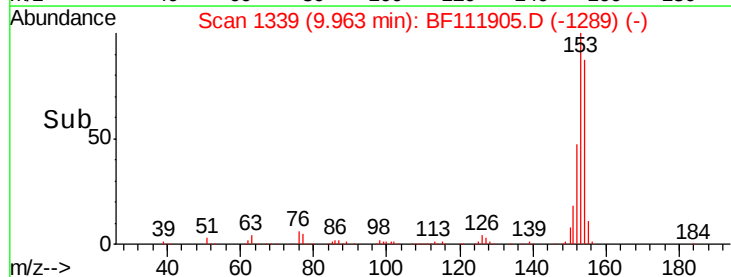
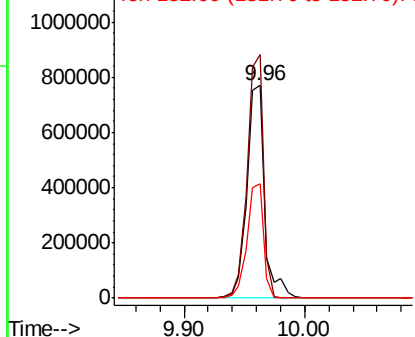


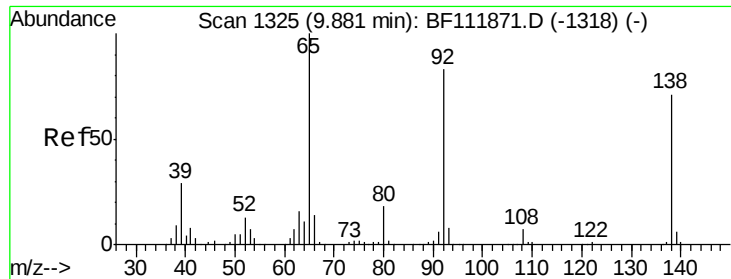
#52
 Acenaphthene
 Concen: 37.981 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF111905.D
 Acq: 8 Jan 2019 14:22

Tgt Ion:154 Resp: 800428
 Ion Ratio Lower Upper
 154 100
 153 114.5 89.4 134.0
 152 53.7 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

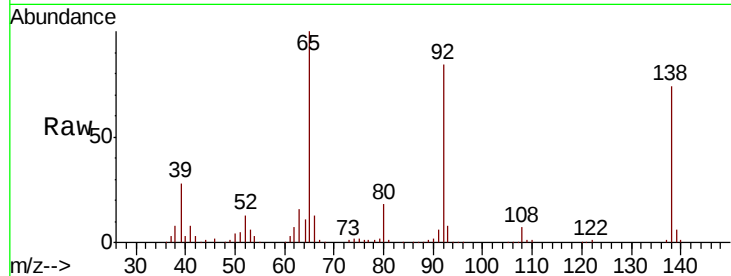




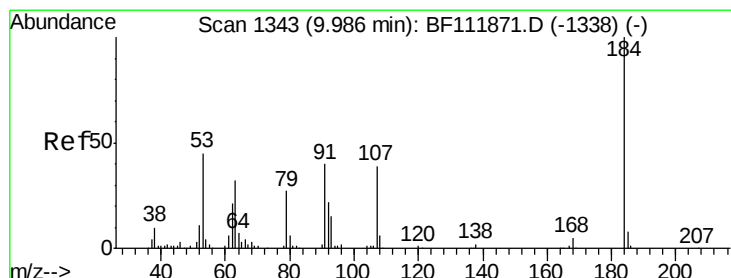
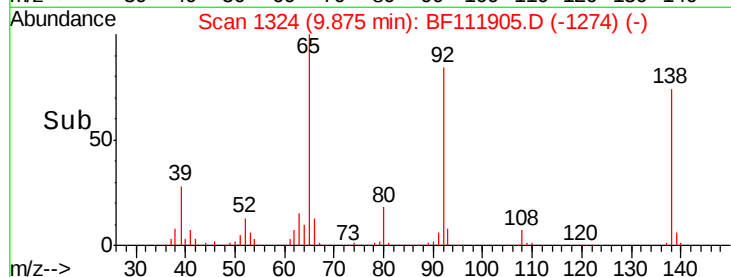
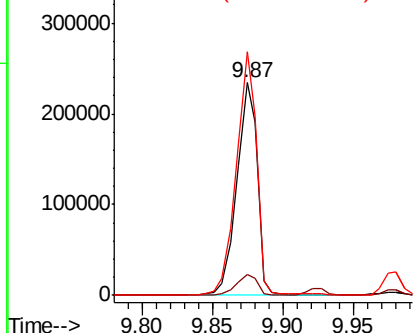
#53
3-Nitroaniline
Concen: 38.943 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 235960
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.4
92 114.5 93.5 140.3

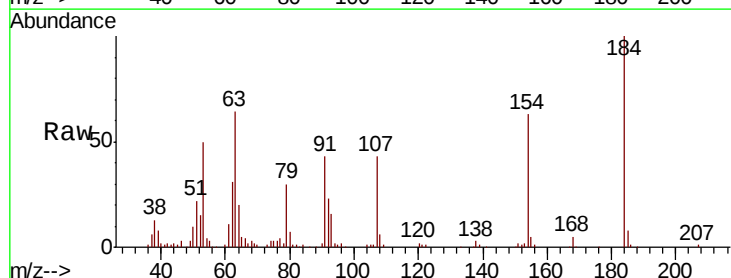


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

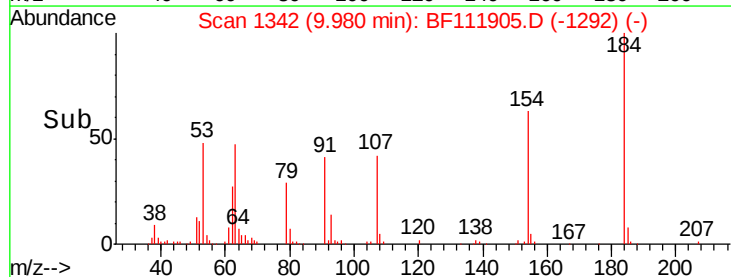
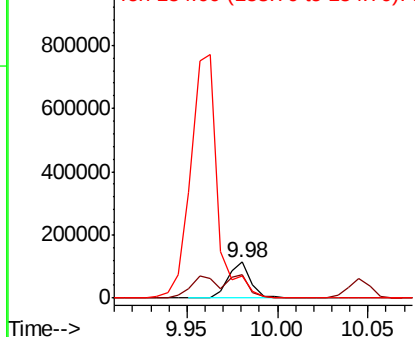


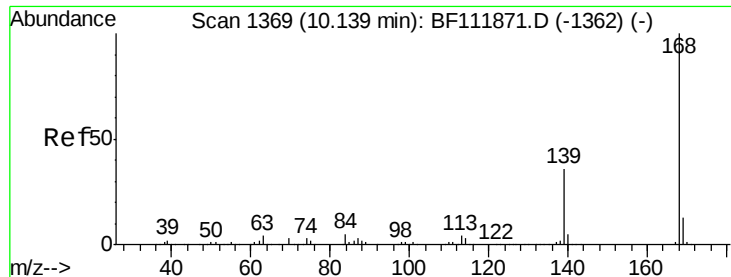
#54
2,4-Dinitrophenol
Concen: 41.830 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Tgt Ion:184 Resp: 100215
Ion Ratio Lower Upper
184 100
63 63.9 46.9 70.3
154 62.9 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

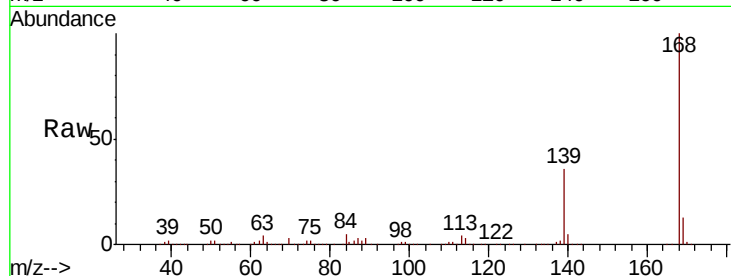




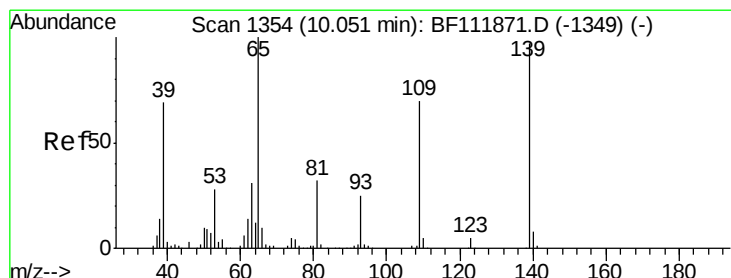
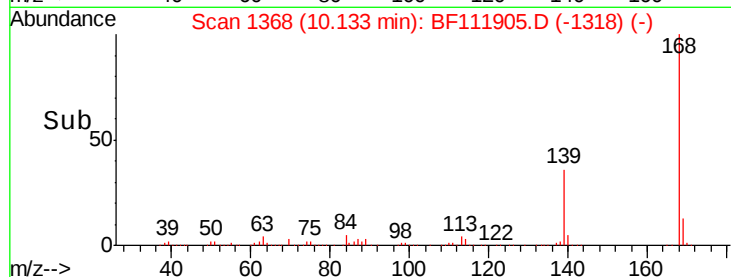
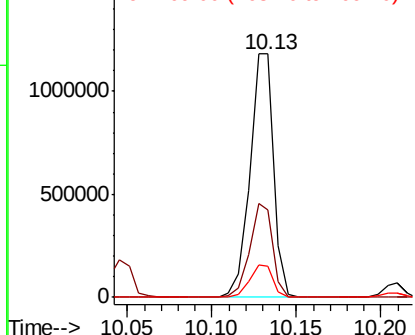
#55
Dibenzofuran
Concen: 37.893 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1161384
Ion Ratio Lower Upper
168 100
139 35.8 29.3 43.9
169 12.8 10.6 16.0

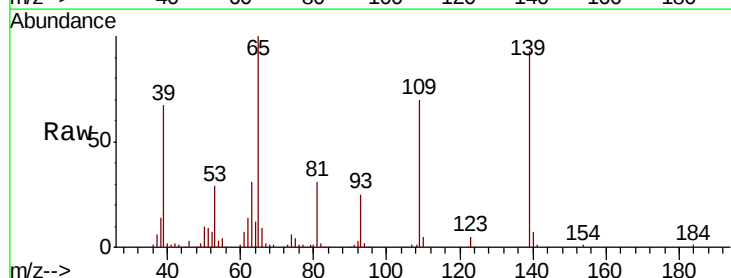


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

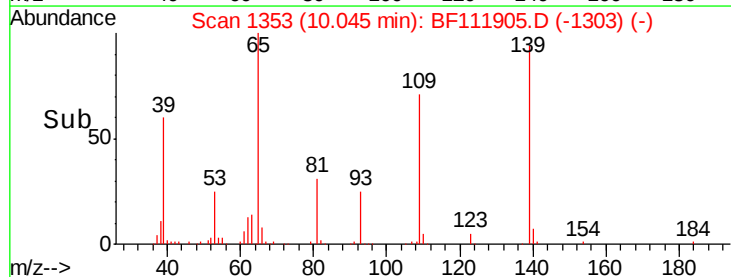
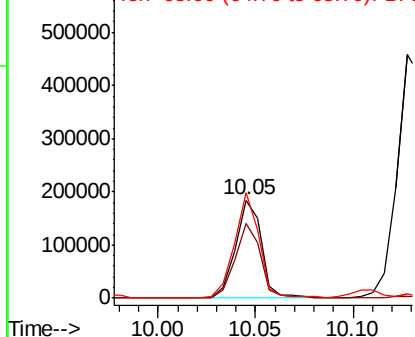


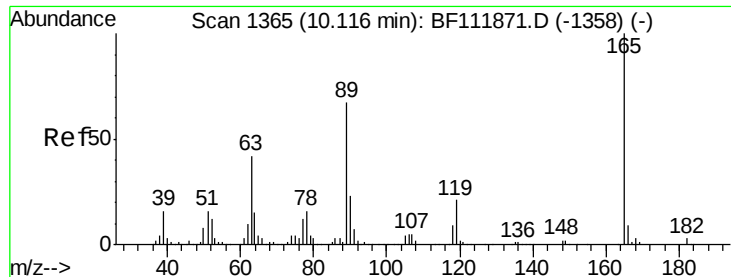
#56
4-Nitrophenol
Concen: 39.946 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Tgt Ion:139 Resp: 171020
Ion Ratio Lower Upper
139 100
109 75.6 52.2 92.2
65 107.8 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

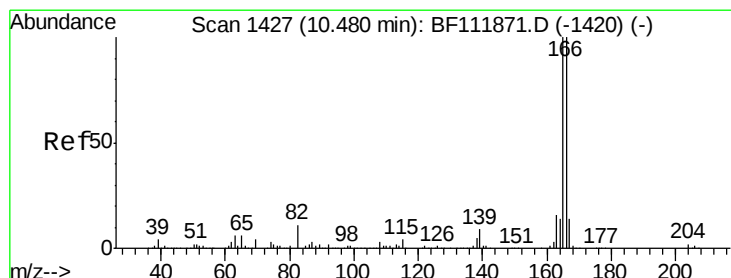
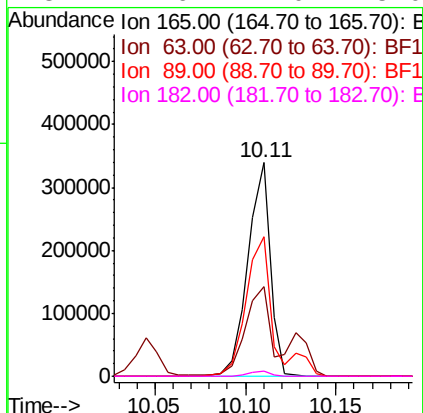
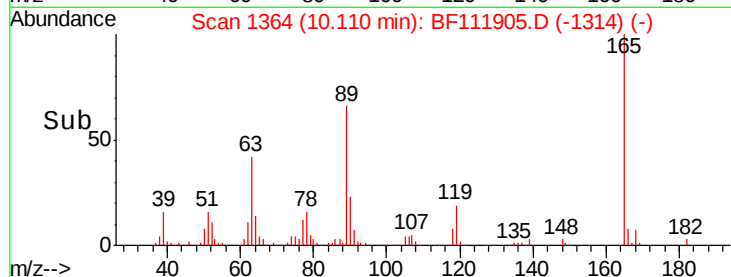
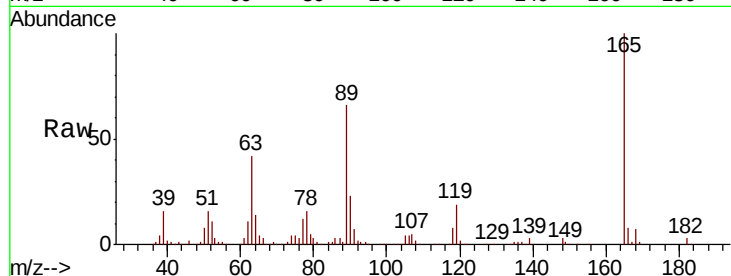




#57
2,4-Dinitrotoluene
Concen: 39.938 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

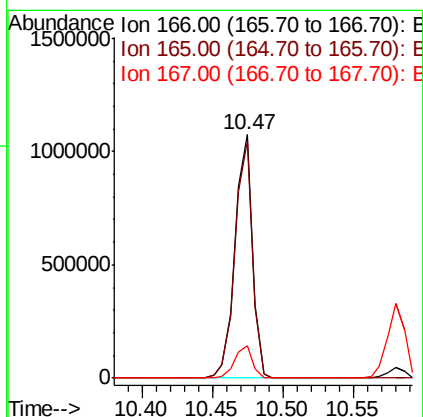
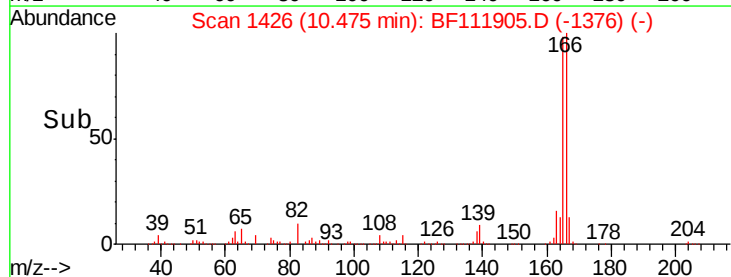
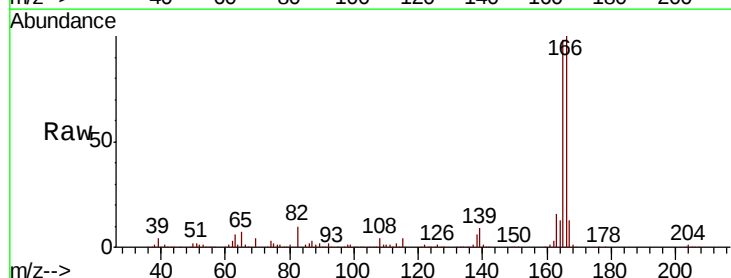
Instrument :
BNA_F
ClientSampleId :

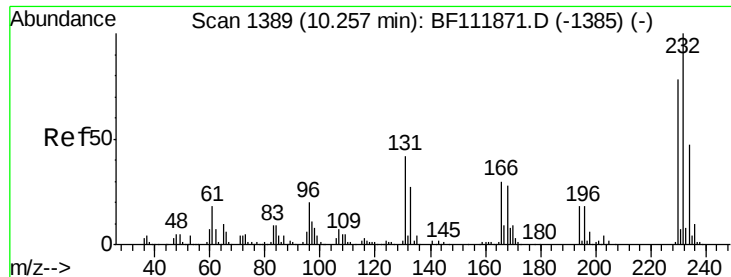
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.7	34.1	51.1
89	65.6	53.5	80.3
182	2.6	2.0	3.0



#58
Fluorene
Concen: 41.570 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.7	119.5
167	13.3	11.1	16.7

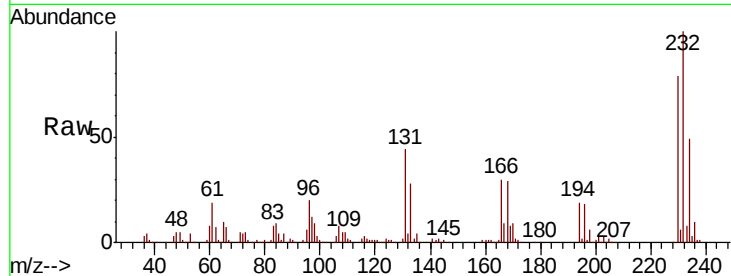




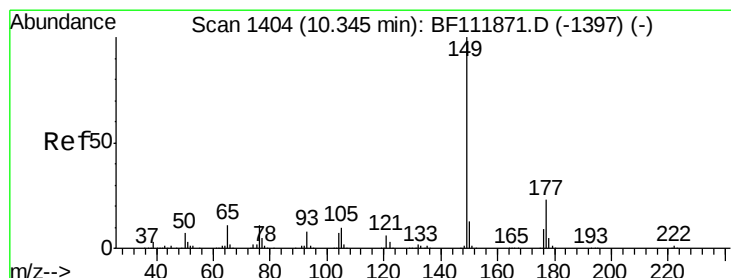
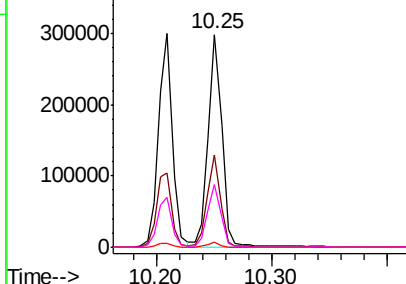
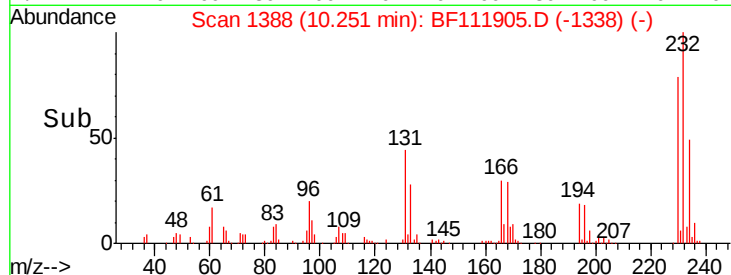
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.773 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF111905.D
 Acq: 8 Jan 2019 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.3	34.0	51.0
130	2.1	1.6	2.4
166	29.0	23.4	35.0

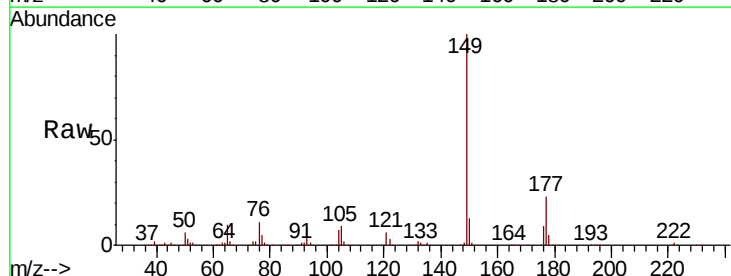


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

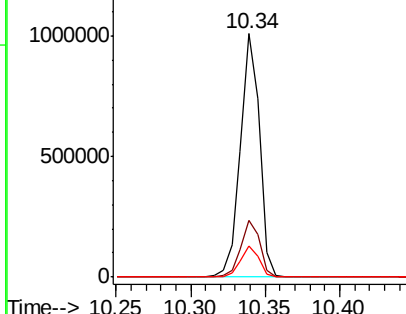
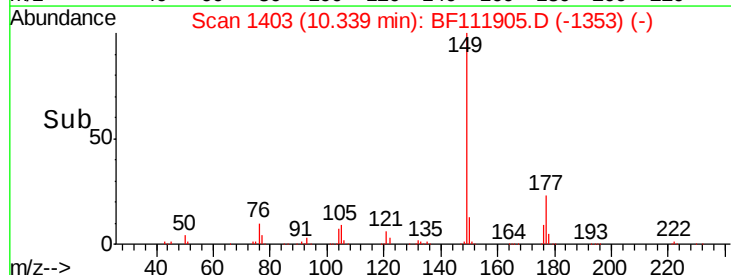


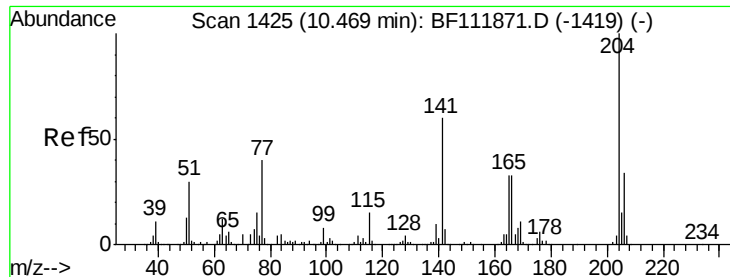
#60
 Diethylphthalate
 Concen: 36.804 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF111905.D
 Acq: 8 Jan 2019 14:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	12.8	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

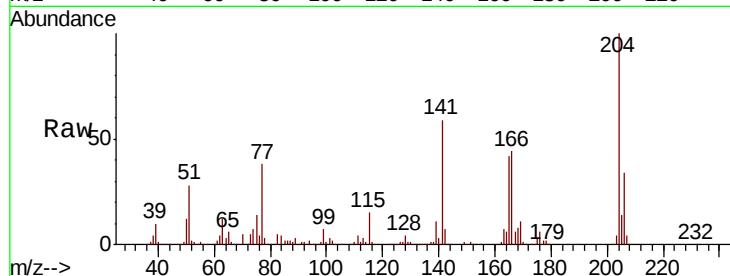




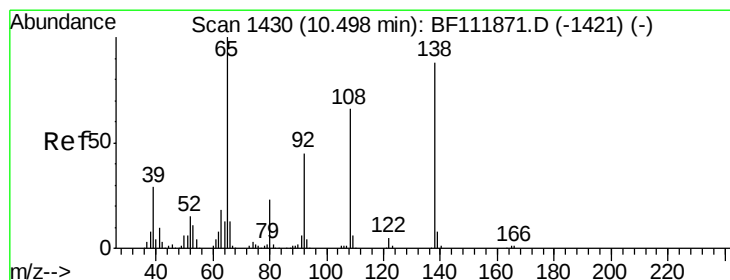
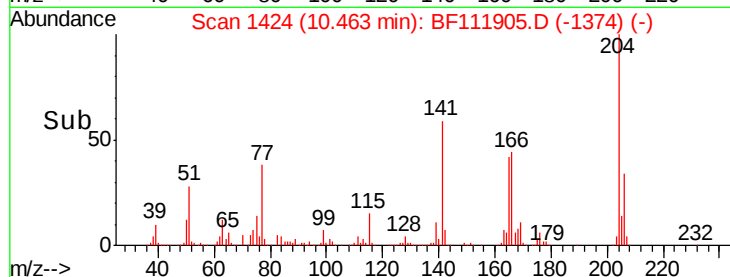
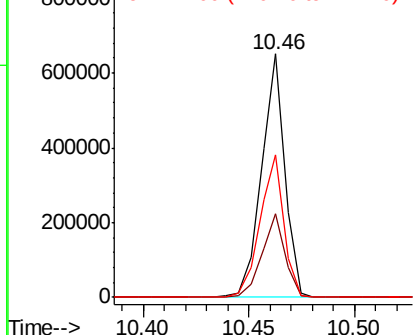
#61
4-Chlorophenyl-phenylether
Concen: 39.839 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 498233
Ion Ratio Lower Upper
204 100
206 34.3 26.9 40.3
141 58.5 47.9 71.9

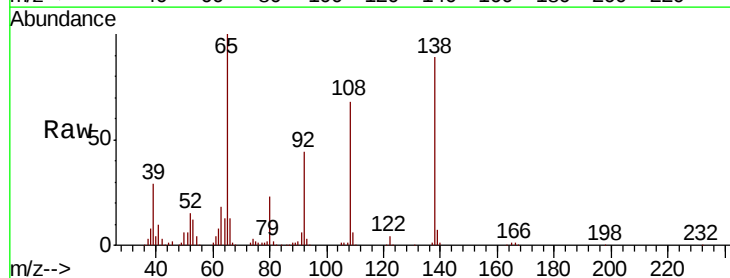


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

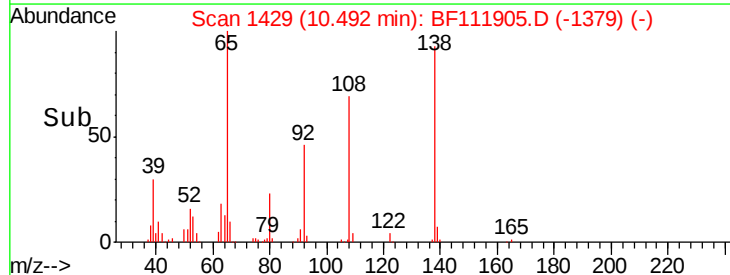
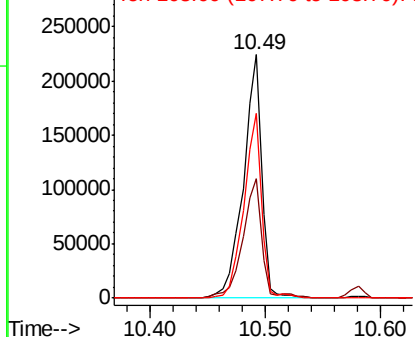


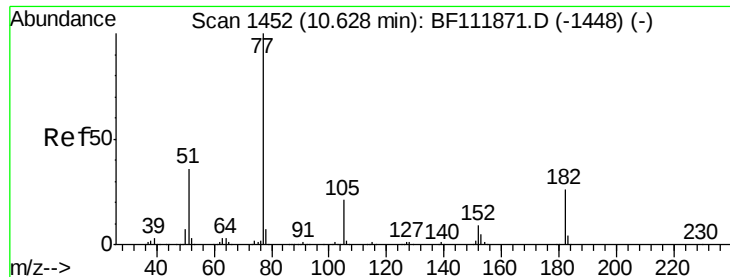
#62
4-Nitroaniline
Concen: 43.057 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Tgt Ion:138 Resp: 247451
Ion Ratio Lower Upper
138 100
92 49.2 31.0 71.0
108 75.7 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

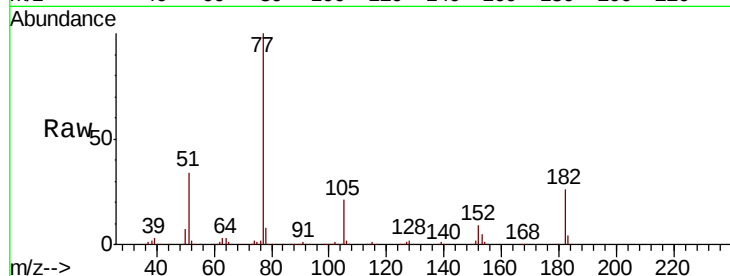




#63
Azobenzene
Concen: 37.587 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.7	5.7	45.7
105	21.1	0.8	40.8
51	34.5	15.6	55.6



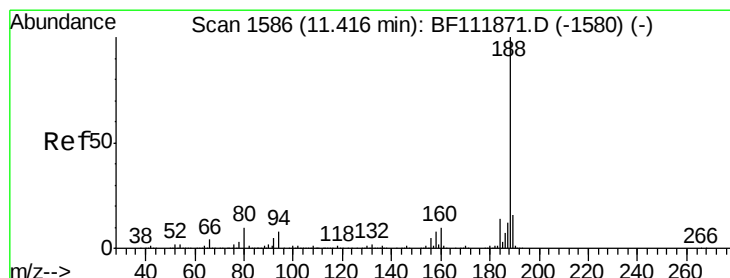
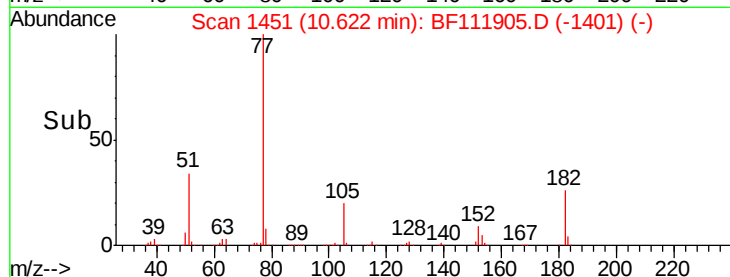
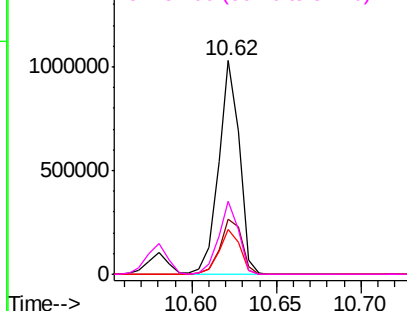
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

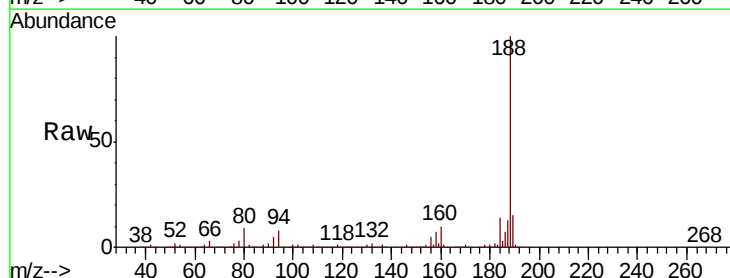
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.6	10.0
80	9.1	7.7	11.5

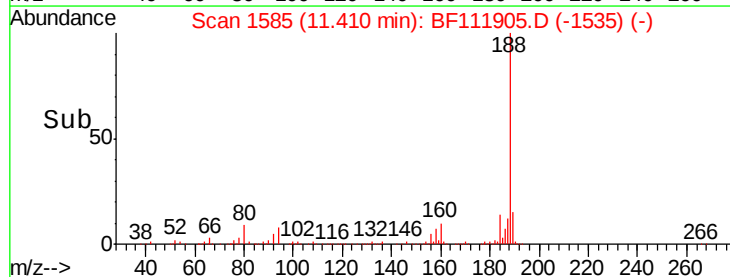
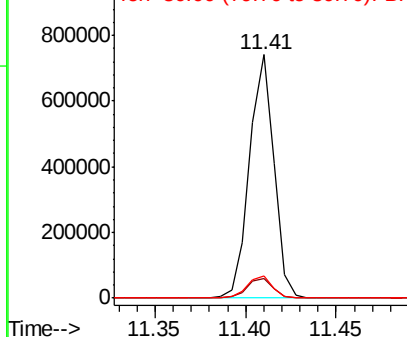


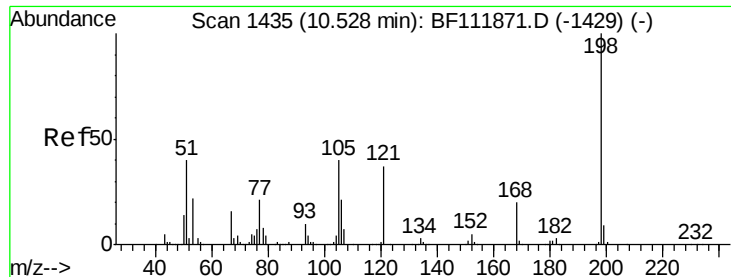
Abundance

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: 35.732 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

Instrument :

BNA_F

ClientSampleId :

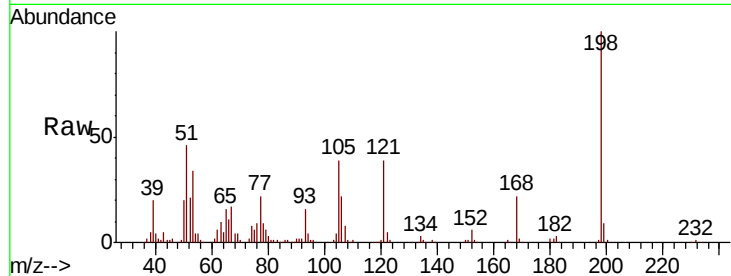
Tot Ion:198 Resp: 153179

Ion Ratio Lower Upper

198 100

51 46.5 27.2 67.2

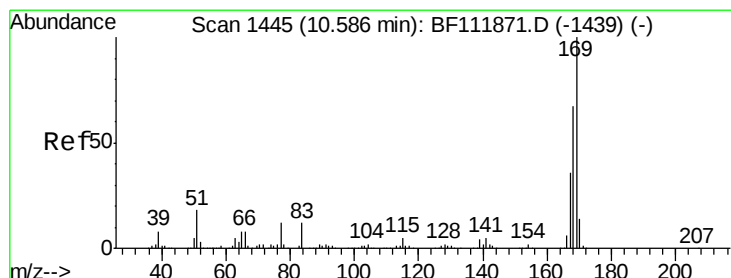
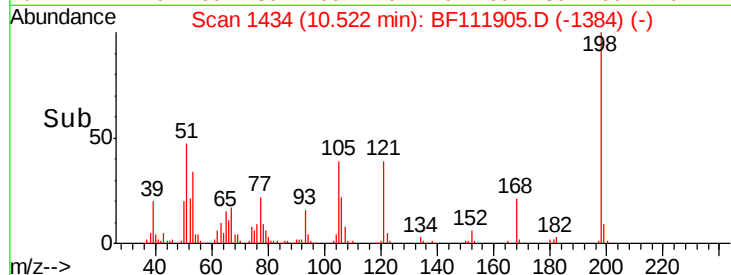
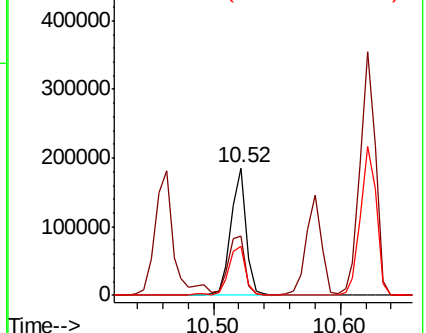
105 38.7 21.0 61.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 34.169 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

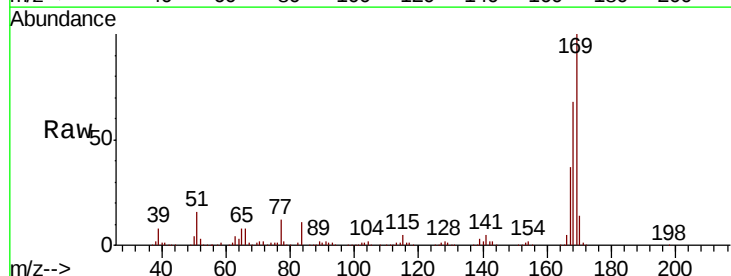
Tgt Ion:169 Resp: 796641

Ion Ratio Lower Upper

169 100

168 67.7 53.8 80.6

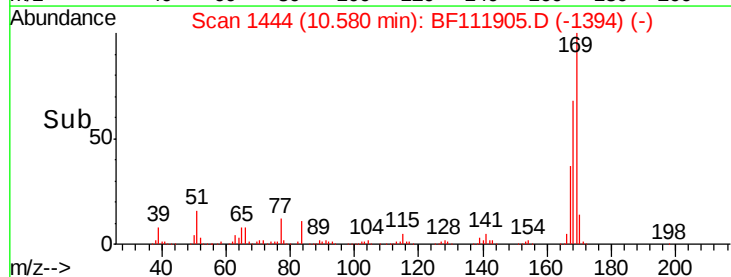
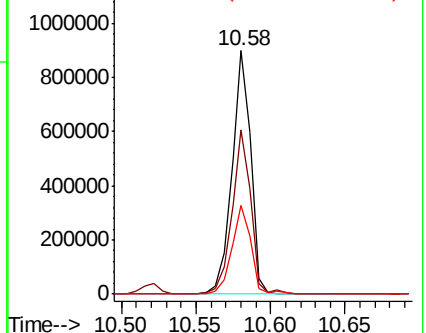
167 36.6 29.1 43.7

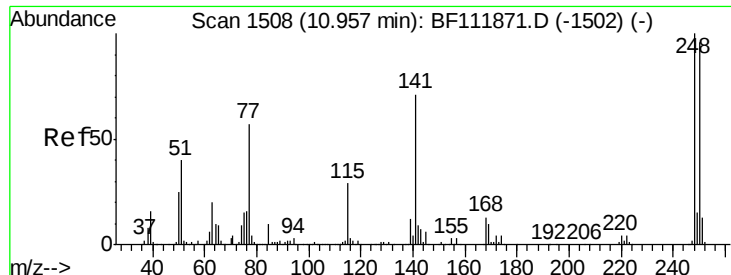


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

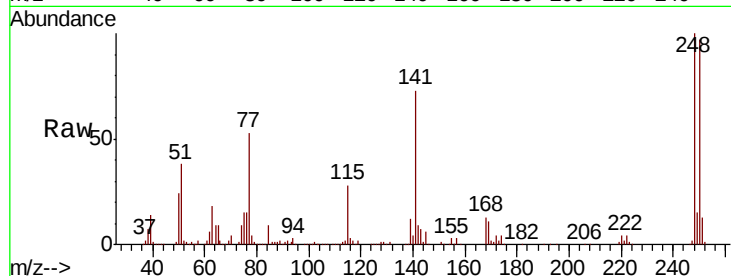




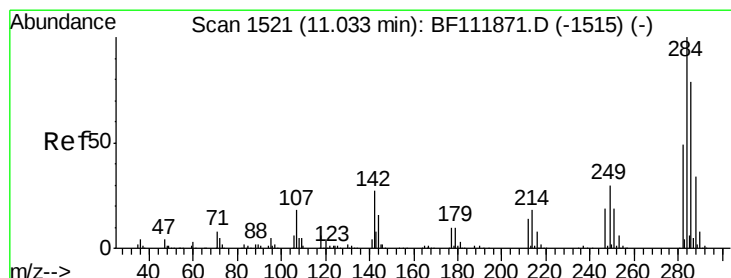
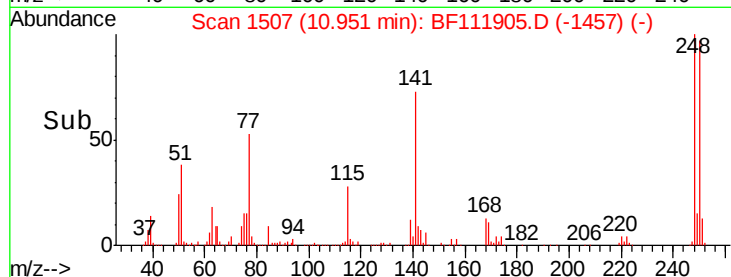
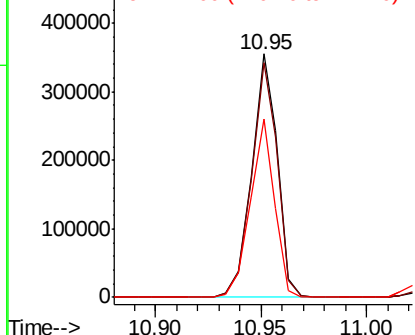
#67
4-Bromophenyl-phenylether
Concen: 33.178 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 298558
Ion Ratio Lower Upper
248 100
250 96.6 76.8 115.2
141 73.4 57.0 85.6

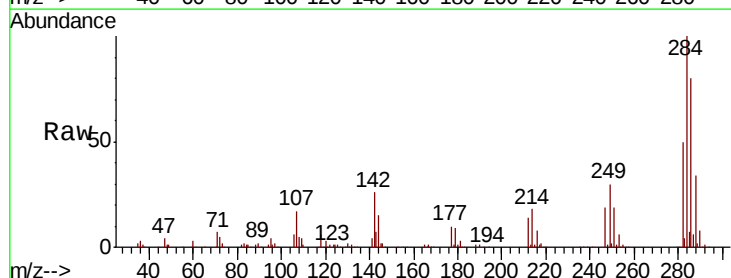


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

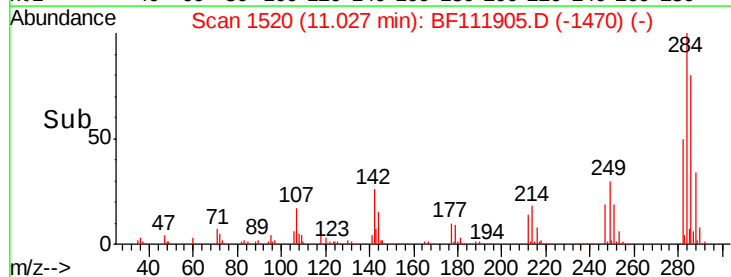
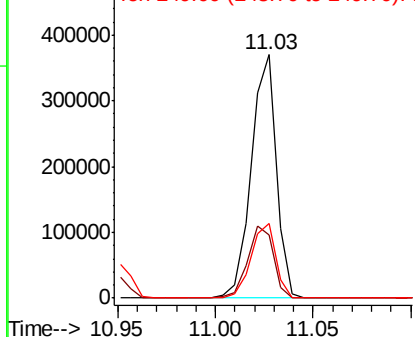


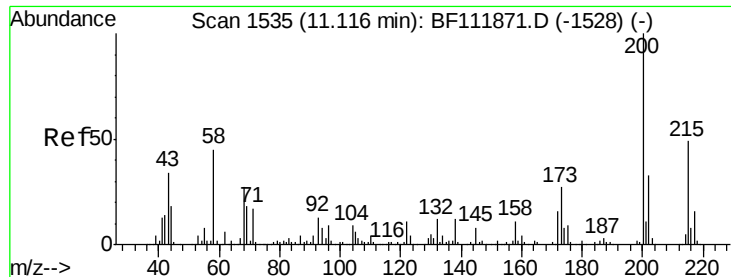
#68
Hexachlorobenzene
Concen: 33.091 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Tgt Ion:284 Resp: 330011
Ion Ratio Lower Upper
284 100
142 26.0 21.8 32.6
249 30.5 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

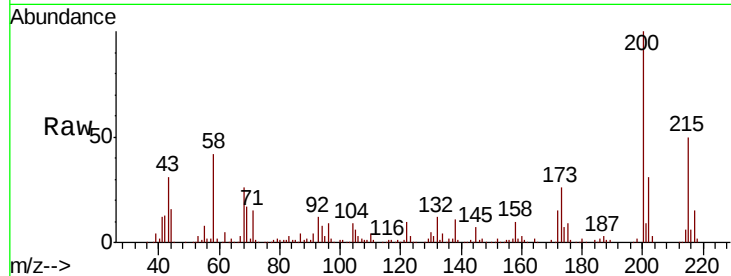




#69
 Atrazine
 Concen: 33.212 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF111905.D
 Acq: 8 Jan 2019 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	6.6	46.6
215	49.5	28.9	68.9

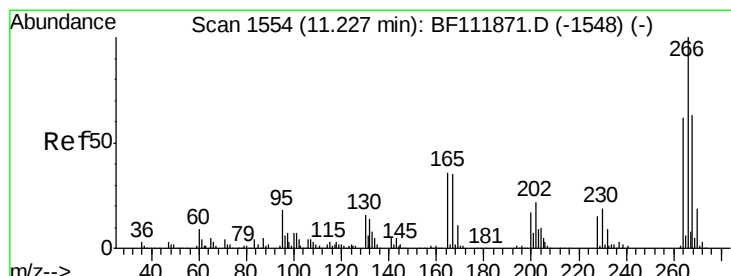
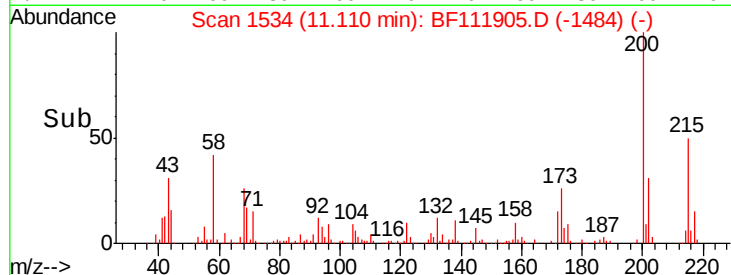
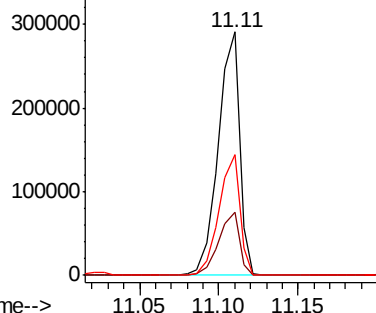


Abundance

Ion 200.00 (199.70 to 200.70): E

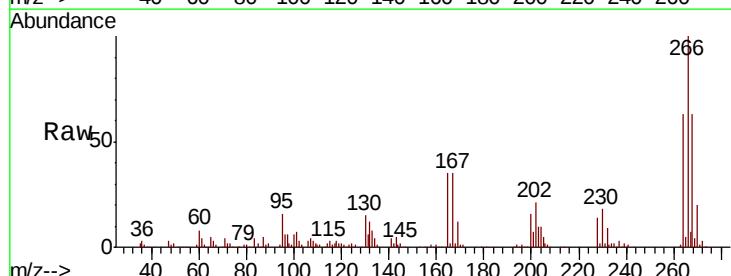
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 40.956 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF111905.D
 Acq: 8 Jan 2019 14:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	50.6	76.0
264	63.2	49.3	73.9

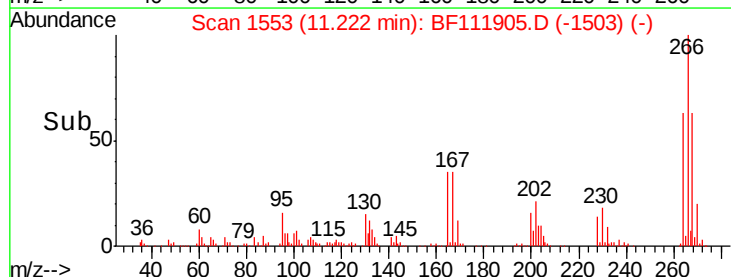
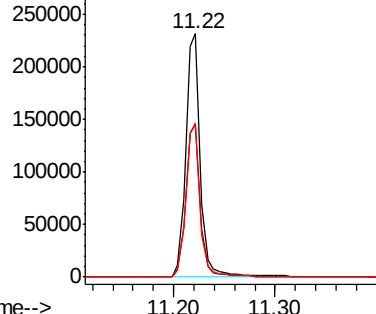


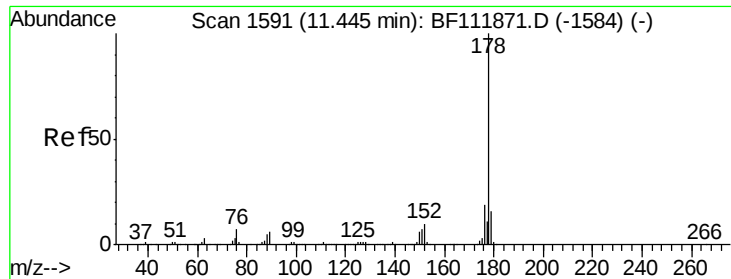
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

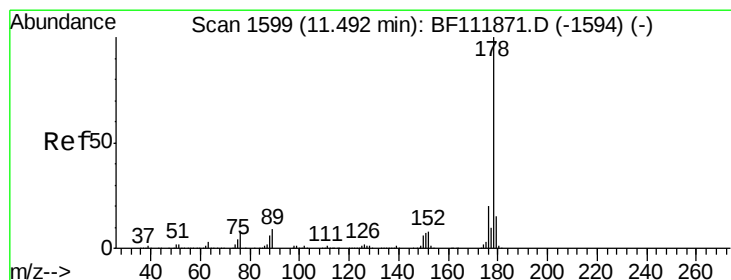
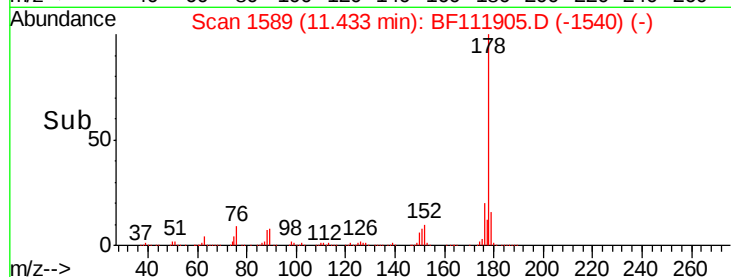
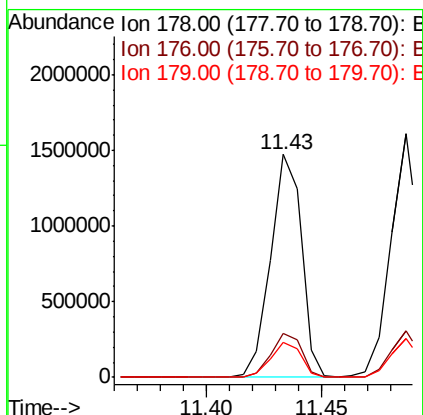
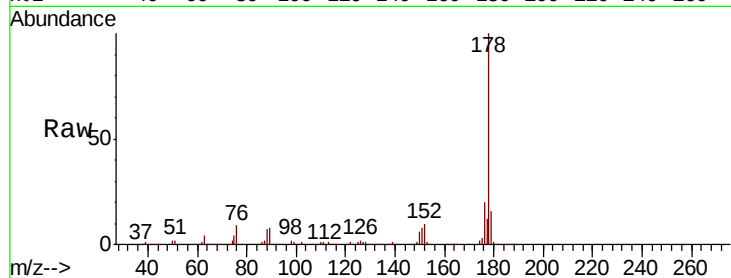




#71
Phenanthrene
Concen: 36.900 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

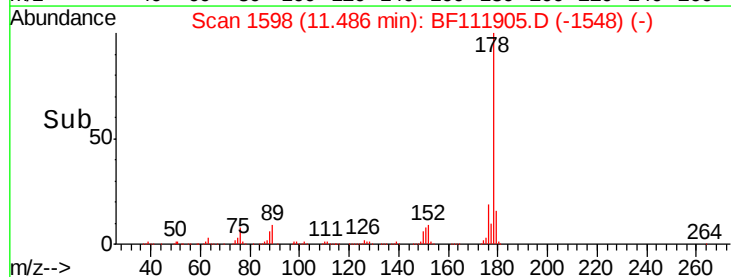
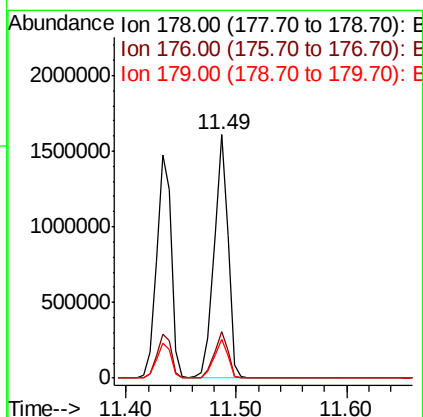
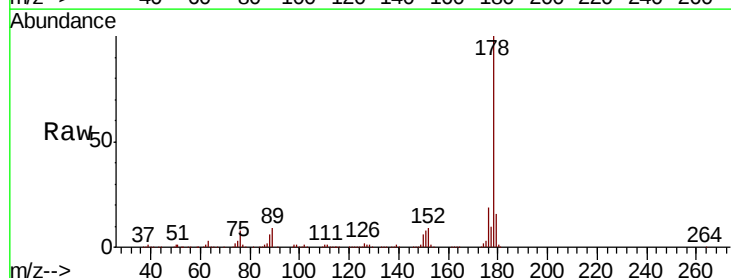
Instrument :
BNA_F
ClientSampleId :

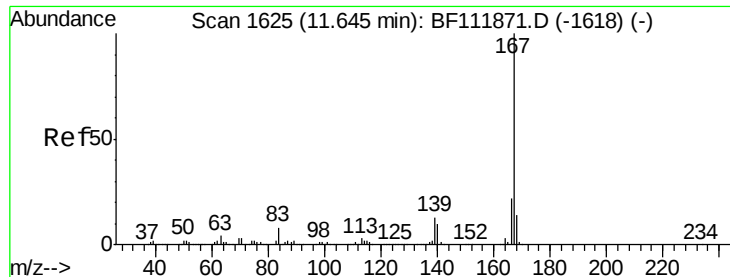
Tot Ion:178 Resp: 1370652
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.8 12.6 18.8



#72
Anthracene
Concen: 36.727 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Tgt Ion:178 Resp: 1384884
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 16.0 12.4 18.6



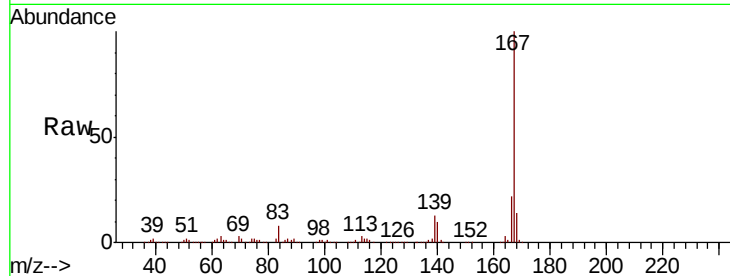


#73
 Carbazole
 Concen: 36.229 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF111905.D
 Acq: 8 Jan 2019 14:22

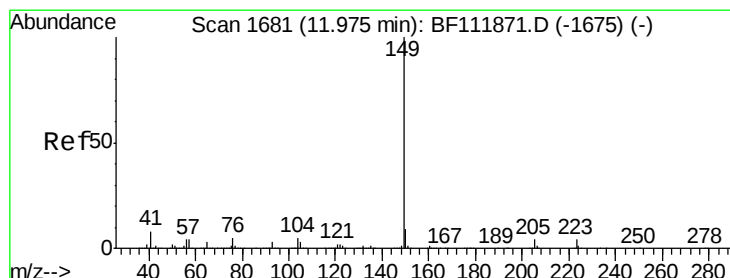
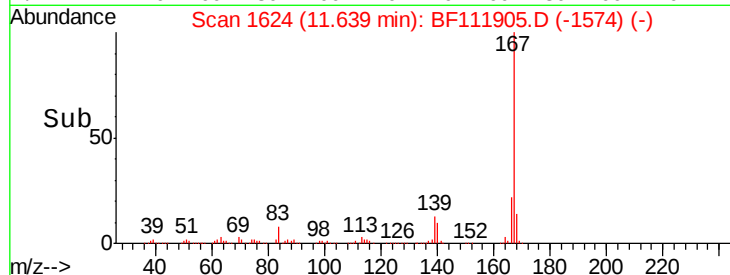
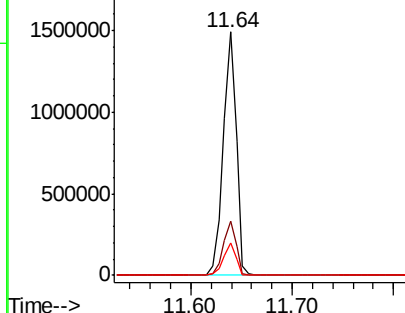
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1328817

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	13.3	10.6	16.0



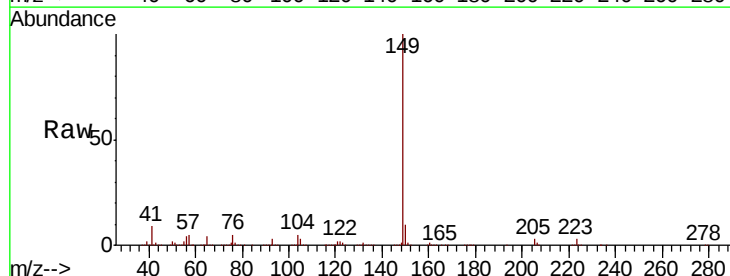
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



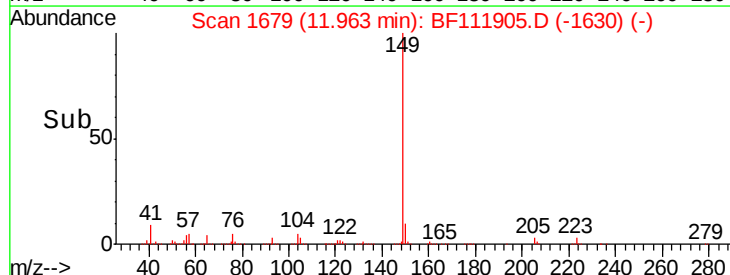
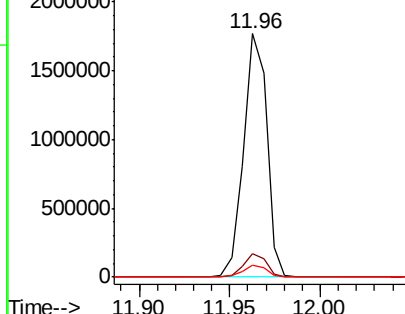
#74
 Di-n-butylphthalate
 Concen: 36.840 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF111905.D
 Acq: 8 Jan 2019 14:22

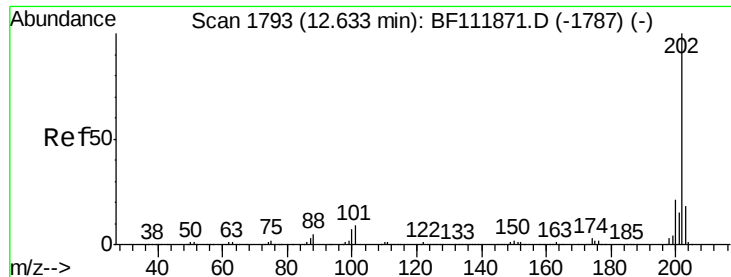
Tgt Ion:149 Resp: 1569533

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	5.1	3.9	5.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 35.867 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

Instrument :

BNA_F

ClientSampleId :

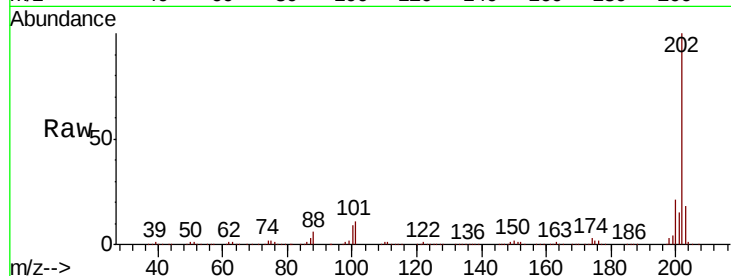
Tot Ion:202 Resp: 1367724

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	29.3
203	18.0	0.0	37.6

202 100

101 11.2 0.0 29.3

203 18.0 0.0 37.6

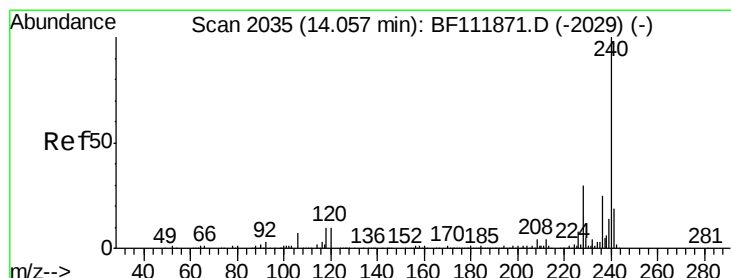
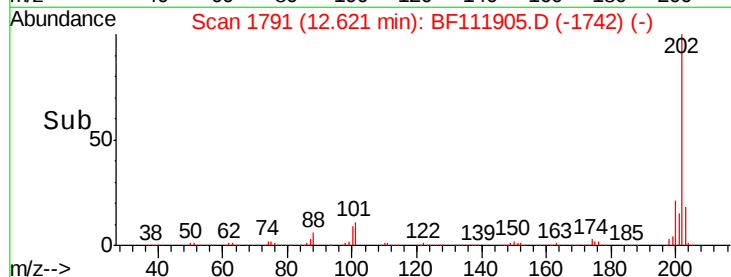
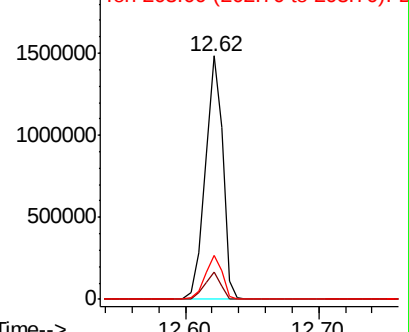


Abundance

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: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

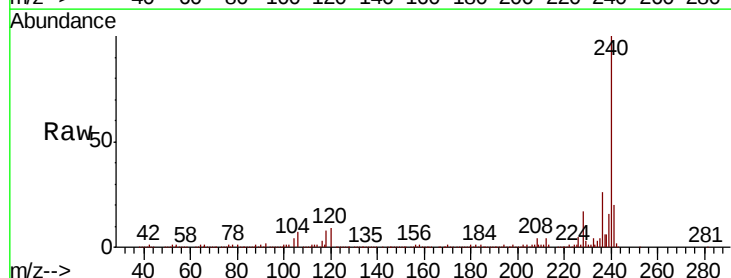
Tgt Ion:240 Resp: 541938

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.2	12.2
236	25.7	20.2	30.4

240 100

120 9.3 8.2 12.2

236 25.7 20.2 30.4

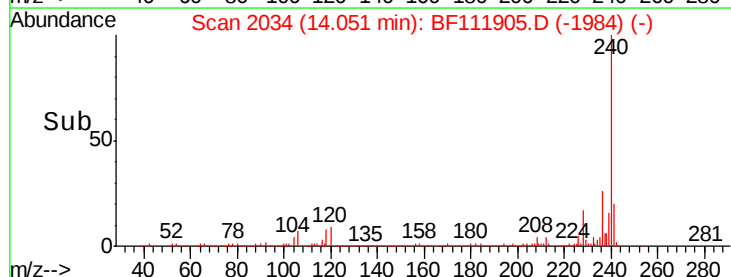
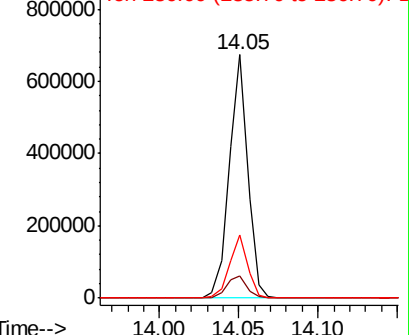


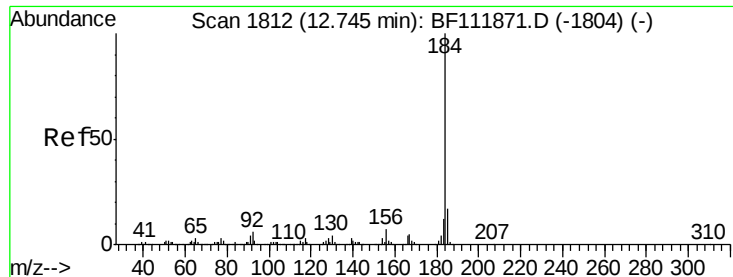
Abundance

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: 35.534 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

Instrument :

BNA_F

ClientSampleId :

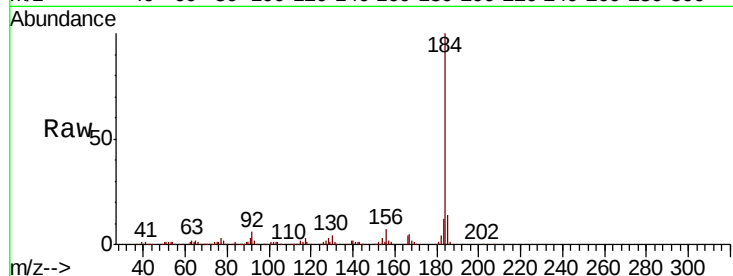
Tot Ion:184 Resp: 575416

Ion Ratio Lower Upper

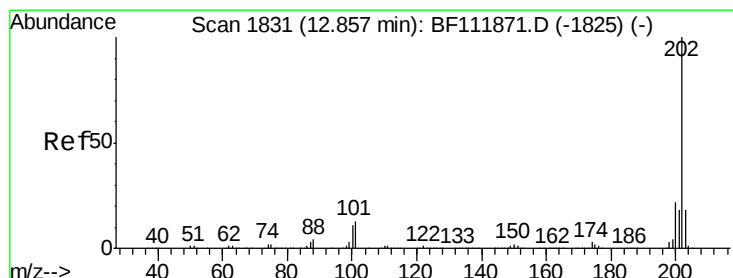
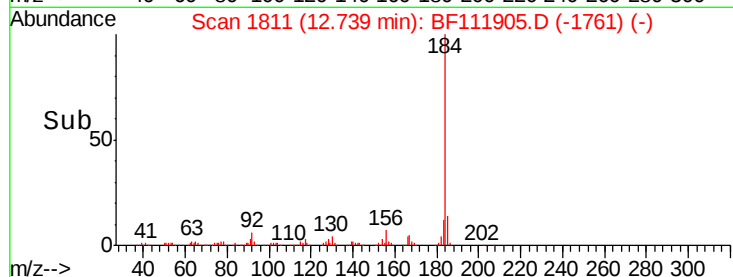
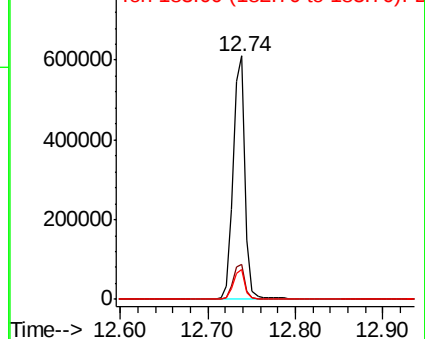
184 100

185 14.5 13.4 20.0

183 12.0 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: 39.431 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

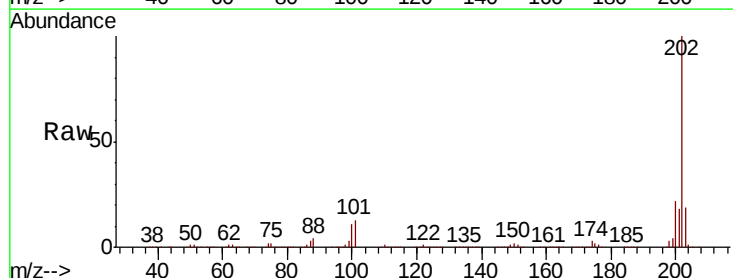
Tgt Ion:202 Resp: 1470348

Ion Ratio Lower Upper

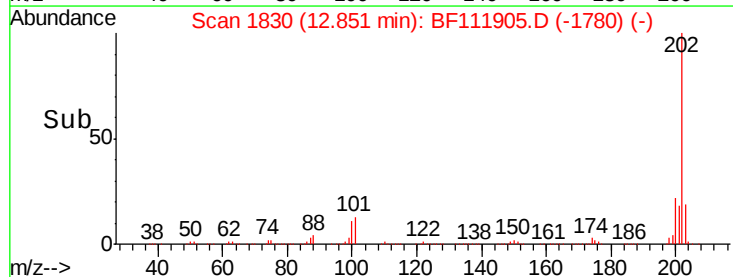
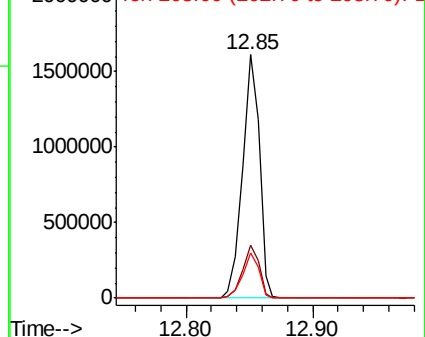
202 100

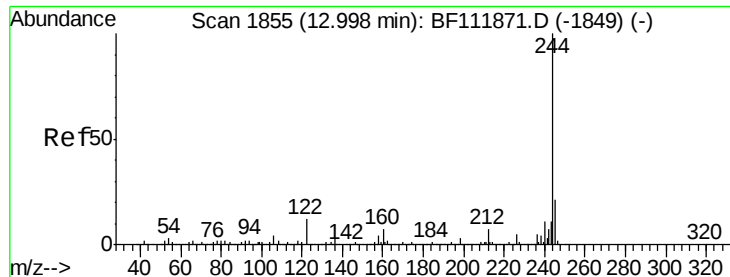
200 21.9 17.4 26.2

203 18.5 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: 75.867 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

Instrument :

BNA_F

ClientSampled :

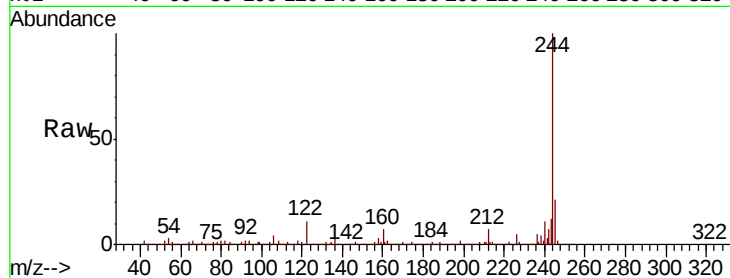
Tot Ion:244 Resp: 2165992

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 11.3 9.5 14.3

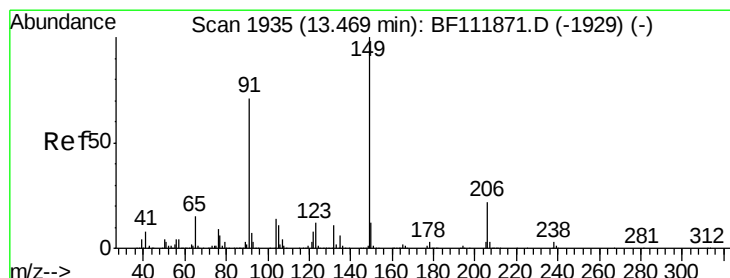
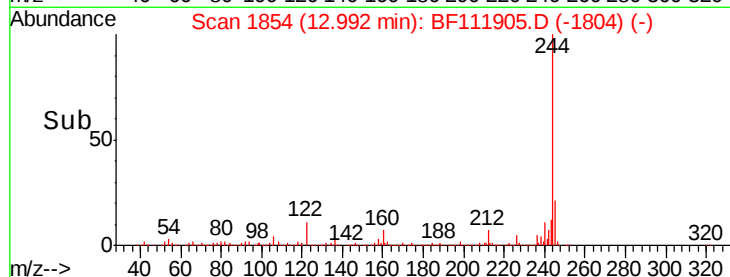
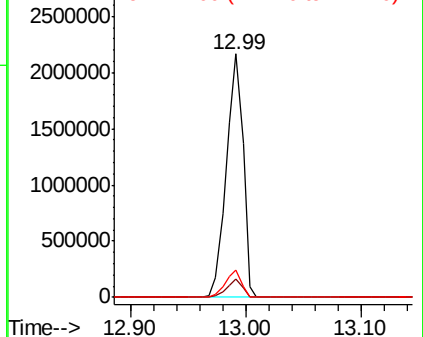


Abundance

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: 38.189 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

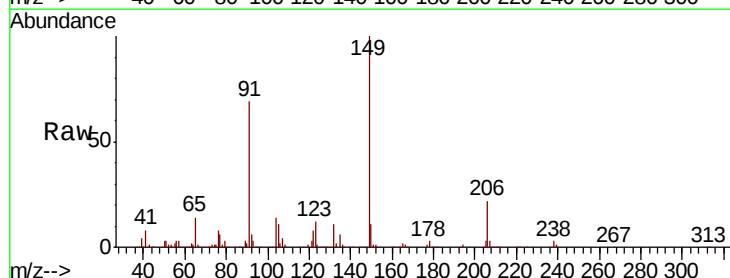
Tgt Ion:149 Resp: 602025

Ion Ratio Lower Upper

149 100

91 69.4 57.2 85.8

206 21.7 17.3 25.9

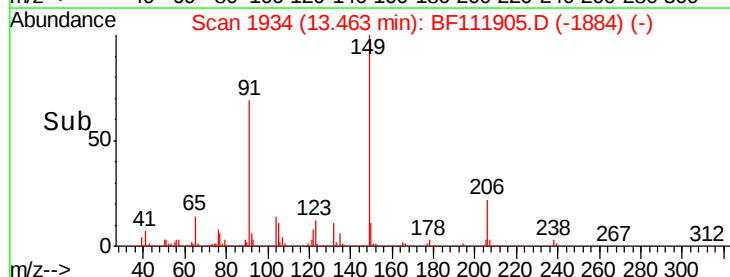
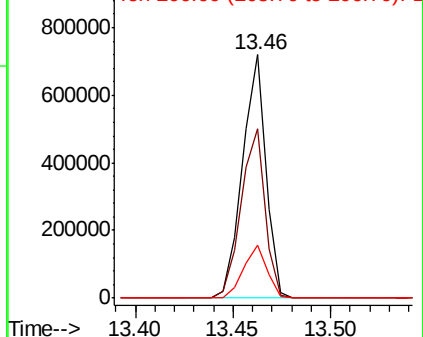


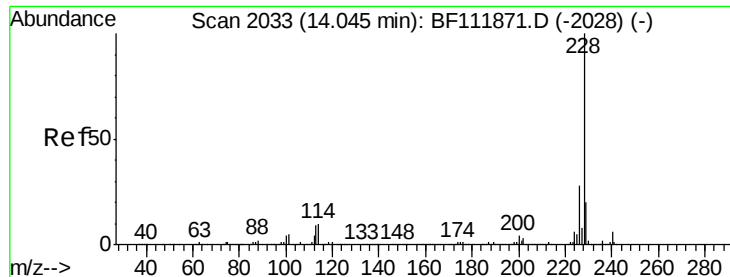
Abundance

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: 38.896 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

Instrument :

BNA_F

ClientSampleId :

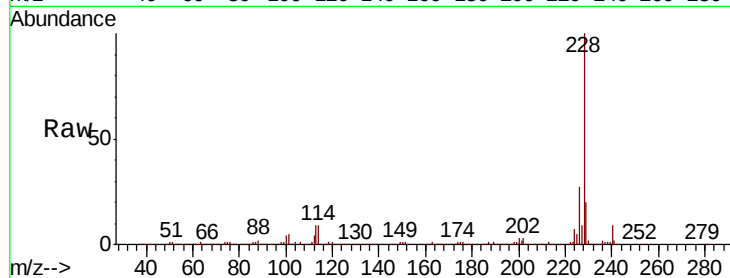
Tot Ion:228 Resp: 1213147

Ion Ratio Lower Upper

228 100

226 27.3 22.2 33.2

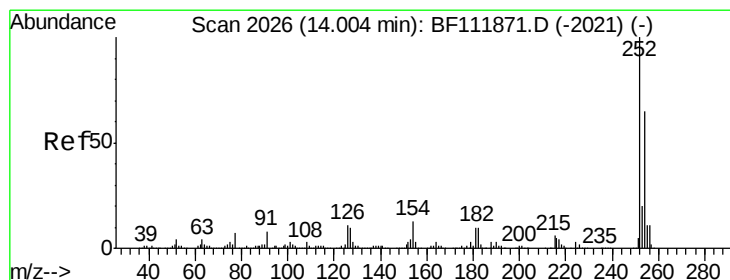
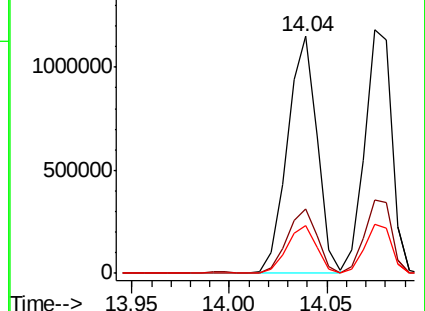
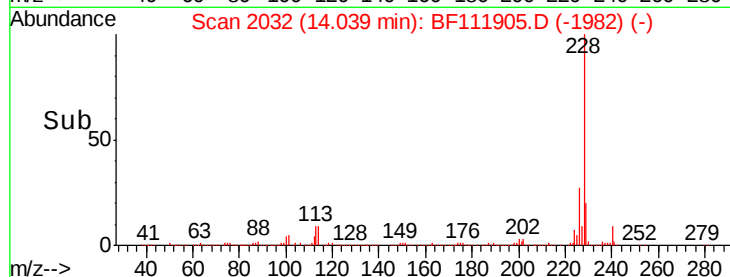
229 20.0 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.078 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

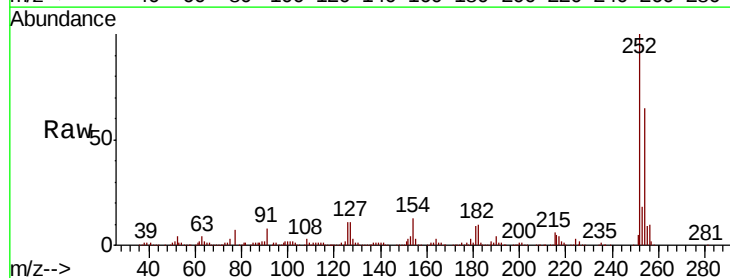
Tgt Ion:252 Resp: 449966

Ion Ratio Lower Upper

252 100

254 65.0 52.1 78.1

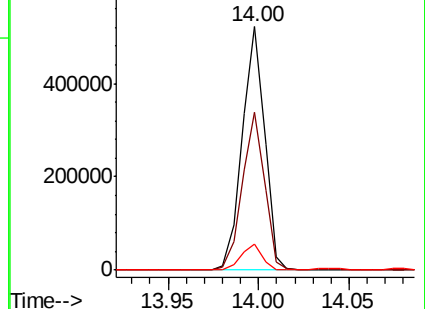
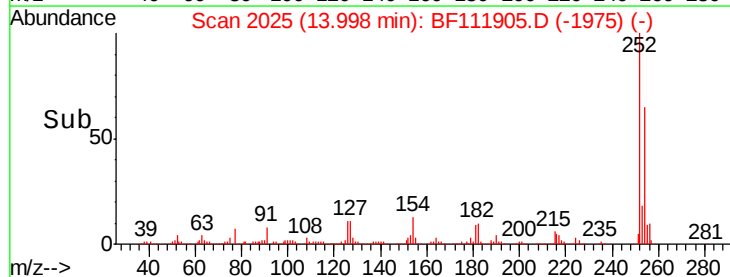
126 10.6 8.6 12.8

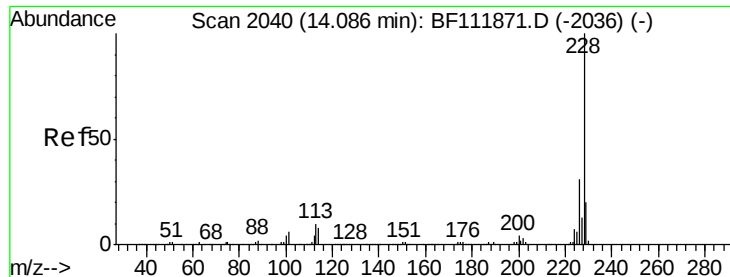


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.252 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

Instrument :

BNA_F

ClientSampleId :

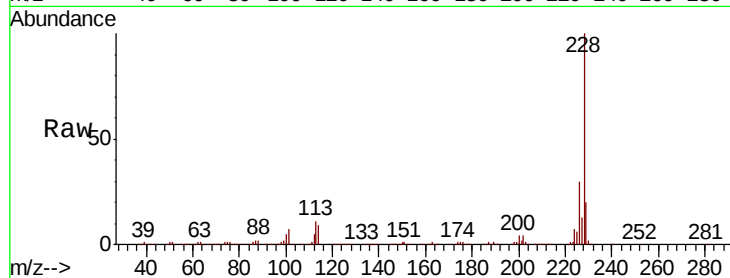
Tot Ion:228 Resp: 1137540

Ion Ratio Lower Upper

228 100

226 30.4 24.6 37.0

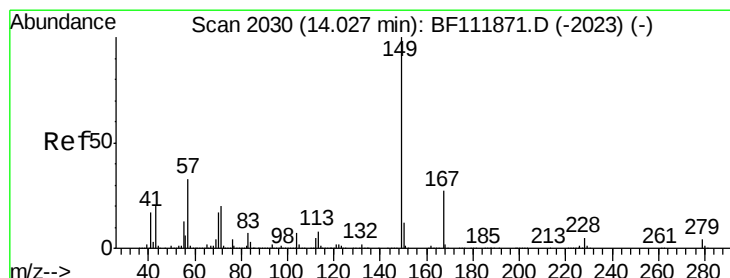
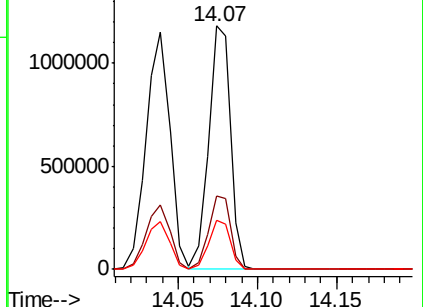
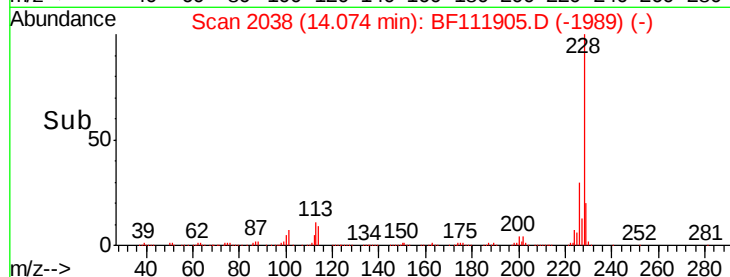
229 20.1 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.785 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

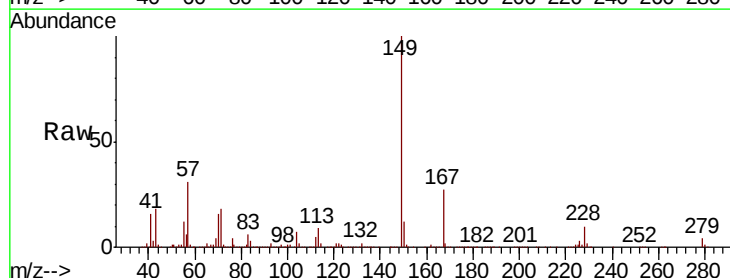
Tgt Ion:149 Resp: 823683

Ion Ratio Lower Upper

149 100

167 26.7 21.5 32.3

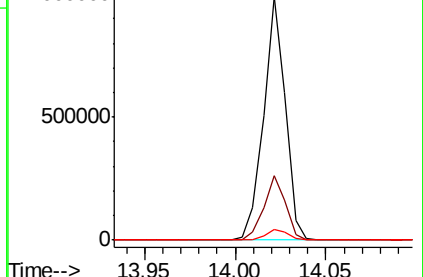
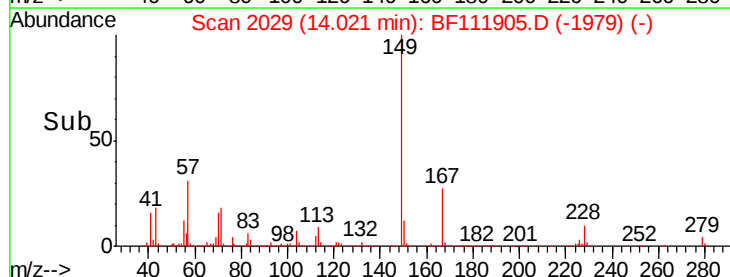
279 4.2 3.0 4.6

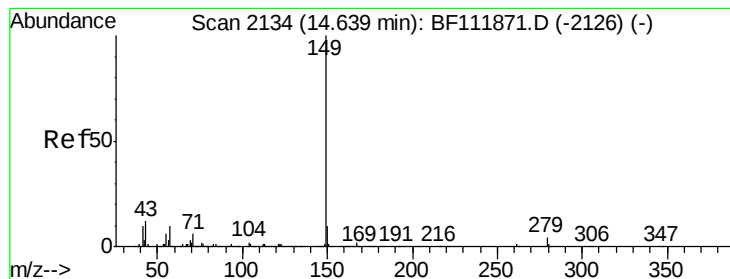


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 35.631 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

Instrument :

BNA_F

ClientSampleId :

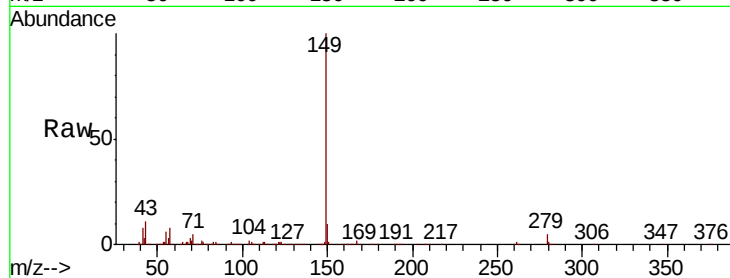
Tot Ion:149 Resp: 1055687

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

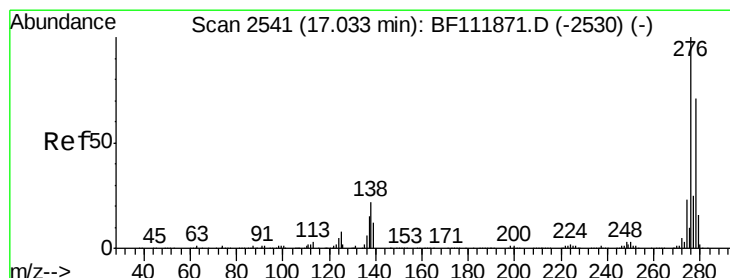
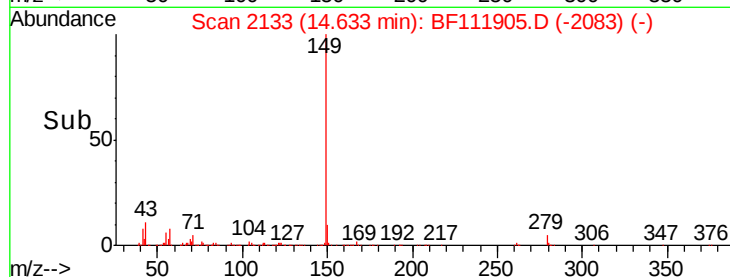
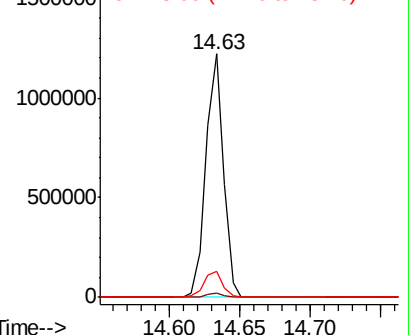
43 11.0 9.1 13.7



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: 33.773 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.02 min

Lab File: BF111905.D

Acq: 8 Jan 2019 14:22

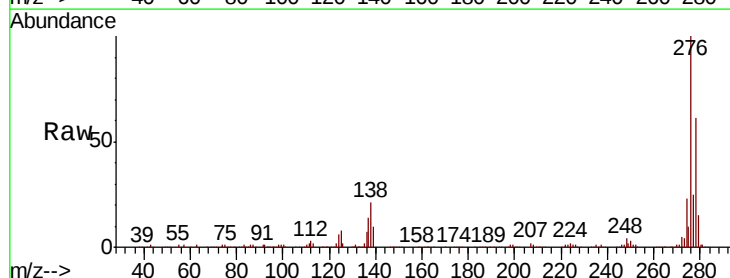
Tgt Ion:276 Resp: 732214

Ion Ratio Lower Upper

276 100

138 22.1 18.1 27.1

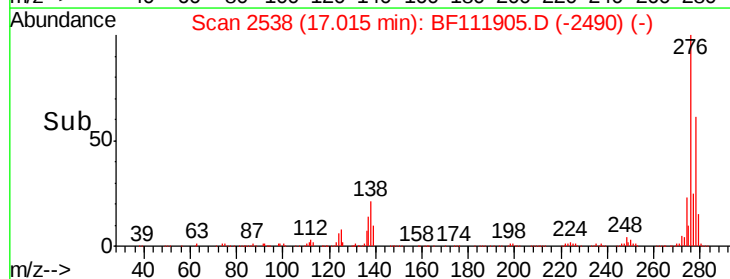
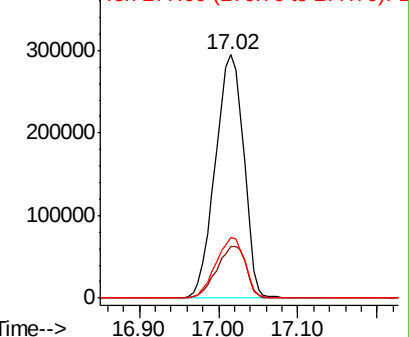
277 25.1 19.9 29.9

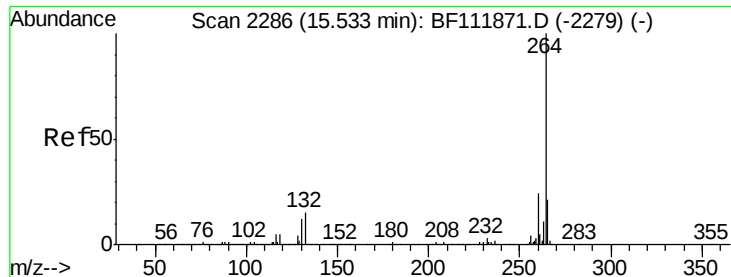


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



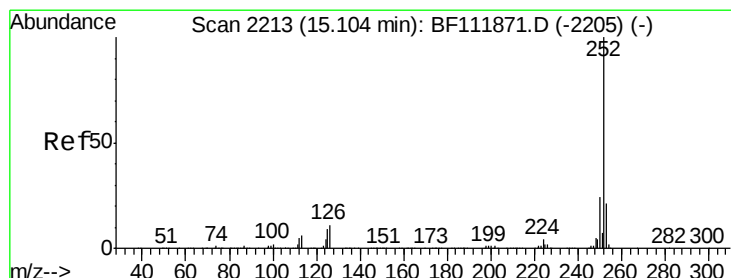
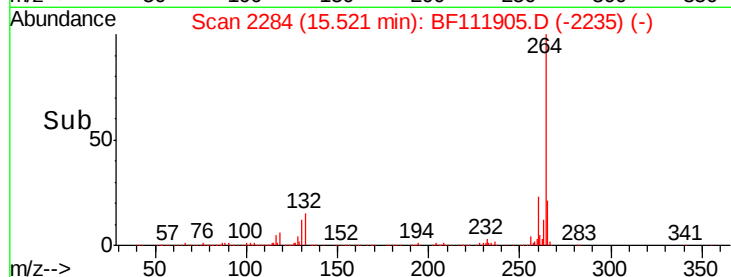
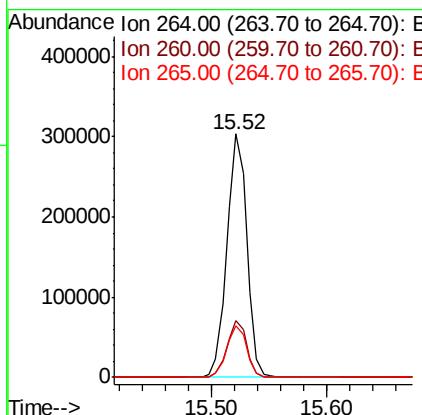
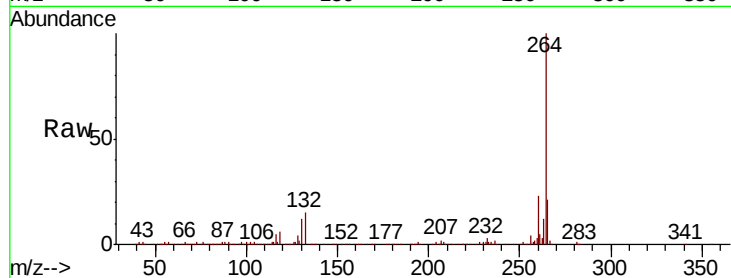


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 363038

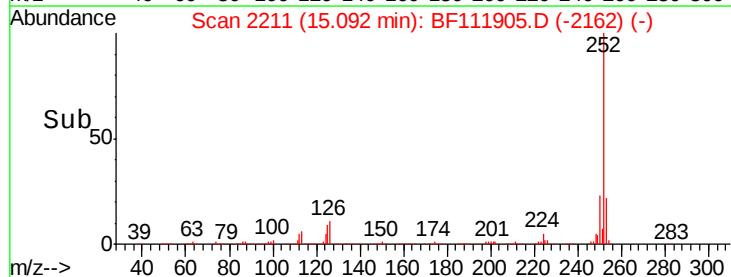
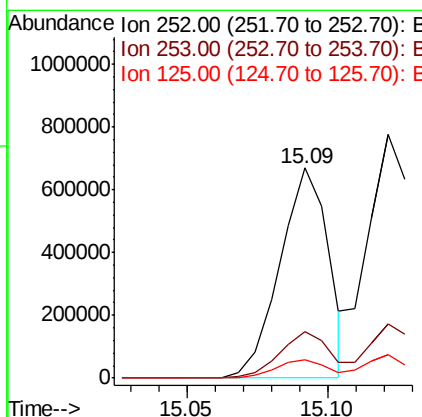
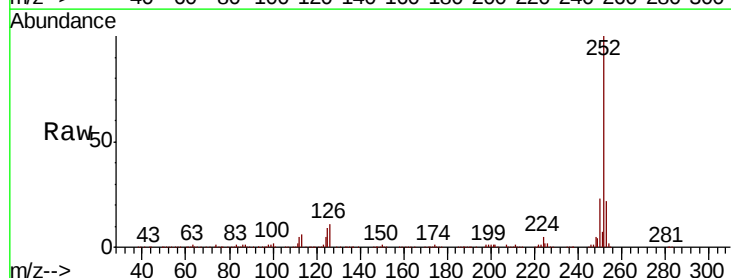
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.4	17.1	25.7

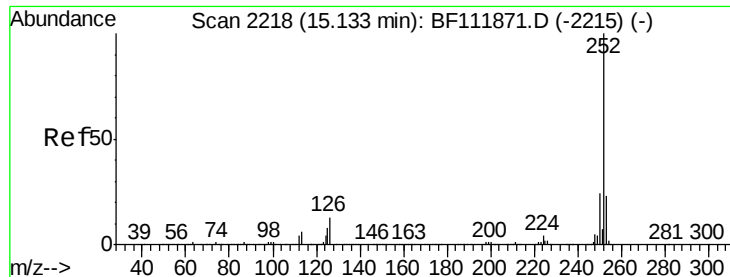


#88
Benzo(b)fluoranthene
Concen: 36.902 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Tgt Ion:252 Resp: 801384

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	8.9	7.1	10.7

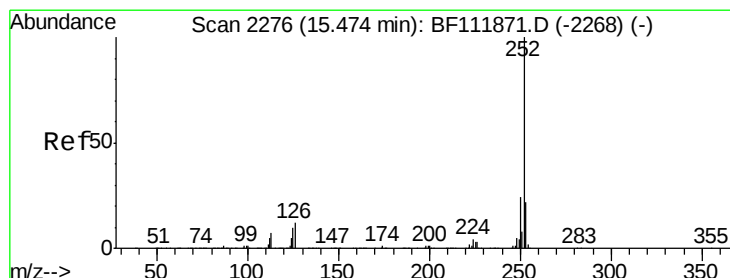
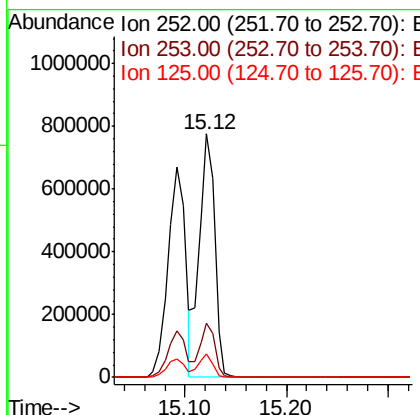
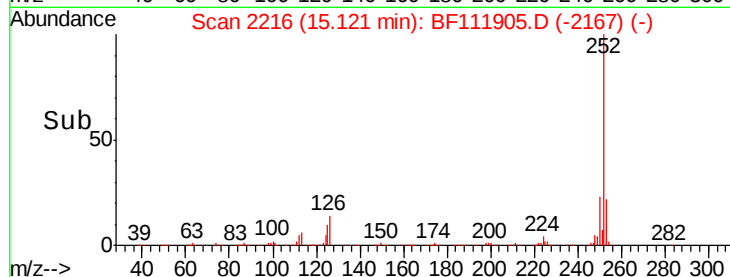
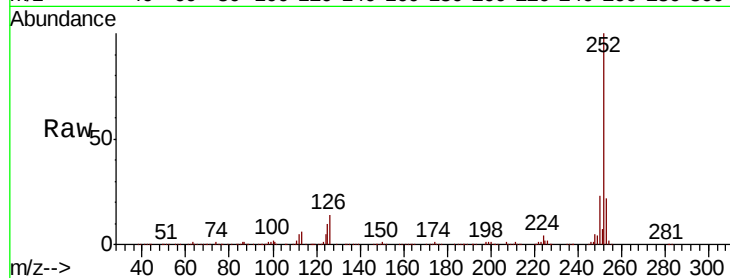




#89
Benzo(k)fluoranthene
Concen: 40.108 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

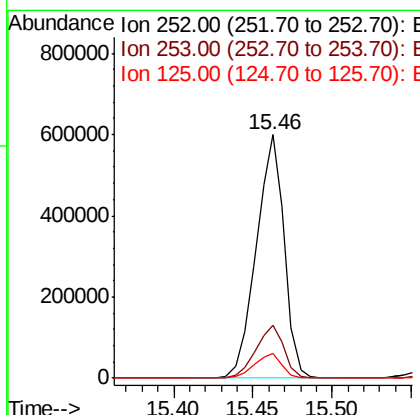
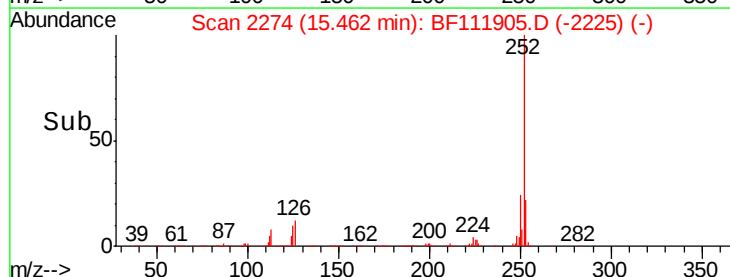
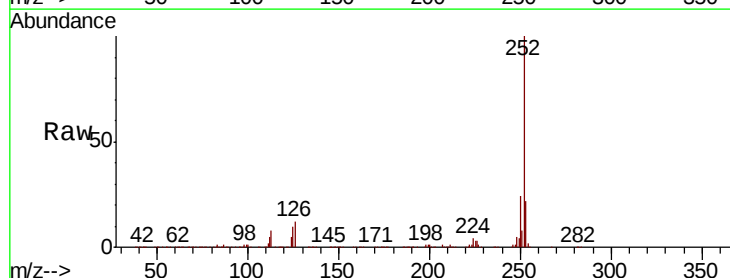
Instrument :
BNA_F
ClientSampled :

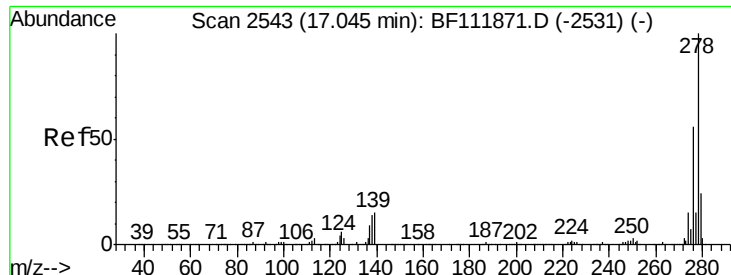
Tot Ion:252 Resp: 818741
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 9.8 7.0 10.4



#90
Benzo(a)pyrene
Concen: 38.439 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Tgt Ion:252 Resp: 733990
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.3 7.9 11.9

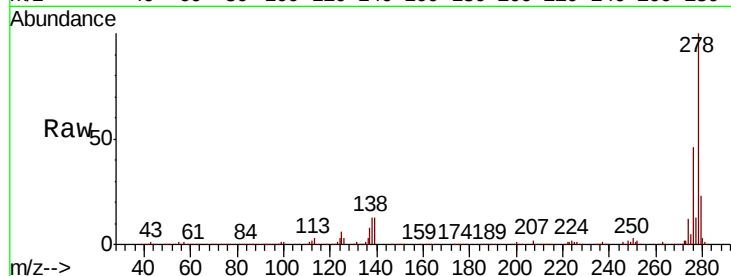




#91
Dibenzo(a,h)anthracene
Concen: 39.670 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.01 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.3	11.8	17.6
279	23.4	19.4	29.2

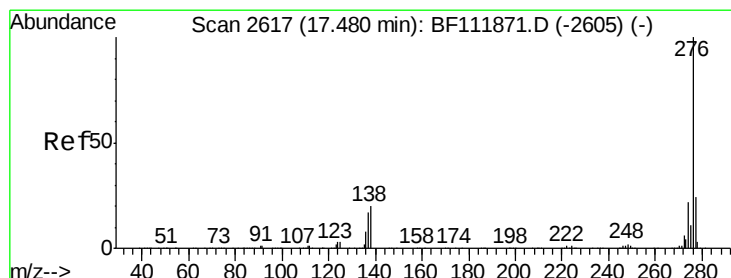
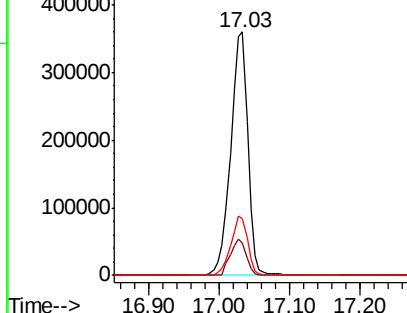
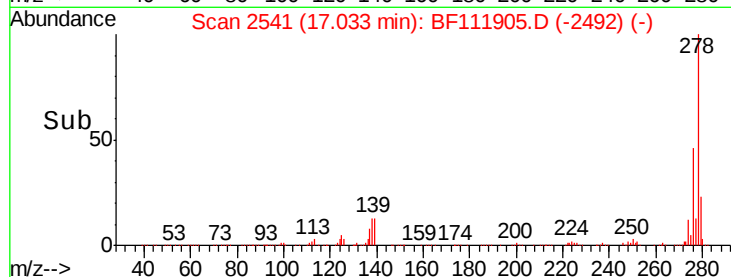


Abundance

Ion 278.00 (277.70 to 278.70): E

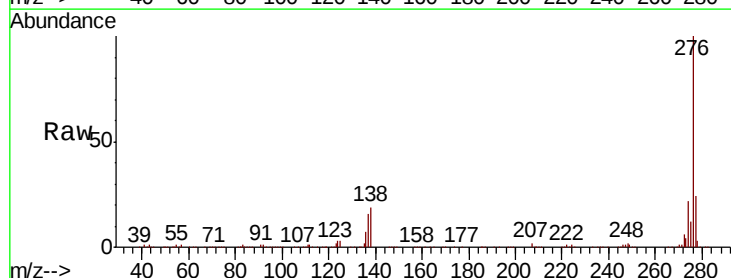
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.407 ng
RT: 17.46 min Scan# 2614
Delta R.T. -0.02 min
Lab File: BF111905.D
Acq: 8 Jan 2019 14:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.6
138	18.7	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

