

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
 Data File : BF111804.D
 Acq On : 2 Jan 2019 12:00
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 02 12:55:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	163121	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	602674	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	307286	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	584498	20.00	ng	0.01
76) Chrysene-d12	14.07	240	397103	20.00	ng	0.02
87) Perylene-d12	15.56	264	336457	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	716280	74.85	ng	0.02
7) Phenol-d6	6.55	99	895858	73.56	ng	0.03
23) Nitrobenzene-d5	7.47	82	853624	82.45	ng	0.01
42) 2,4,6-Tribromophenol	10.73	330	298774	82.29	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1614540	76.58	ng	0.00
79) Terphenyl-d14	13.02	244	1729961	82.62	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	151414	33.629	ng	96
3) Pyridine	3.46	79	406977	34.695	ng	97
4) n-Nitrosodimethylamine	3.41	42	201268	35.059	ng	82
6) Aniline	6.57	93	540983	34.847	ng	# 81
8) 2-Chlorophenol	6.70	128	406433	38.339	ng	97
9) Benzaldehyde	6.45	77	282699	33.750	ng	96
10) Phenol	6.56	94	486900	35.432	ng	# 65
11) bis(2-Chloroethyl)ether	6.63	93	383395	37.232	ng	96
12) 1,3-Dichlorobenzene	6.85	146	468974	38.173	ng	99
13) 1,4-Dichlorobenzene	6.92	146	478117	38.374	ng	98
14) 1,2-Dichlorobenzene	7.08	146	444333	38.224	ng	96
15) Benzyl Alcohol	7.05	79	366450	37.885	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.18	45	626228	33.020	ng	92
17) 2-Methylphenol	7.16	107	316074	37.236	ng	93
18) Hexachloroethane	7.42	117	167667	39.934	ng	# 85
19) n-Nitroso-di-n-propylamine	7.32	70	293801	36.324	ng	98
20) 3+4-Methylphenols	7.32	107	402818	37.556	ng	93
22) Acetophenone	7.31	105	567223	37.151	ng	# 92
24) Nitrobenzene	7.49	77	430572	39.678	ng	99
25) Isophorone	7.72	82	670114	36.457	ng	98
26) 2-Nitrophenol	7.80	139	213211	48.445	ng	97
27) 2,4-Dimethylphenol	7.85	122	306415	35.318	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	454222	37.135	ng	97
29) 2,4-Dichlorophenol	8.05	162	357660	38.328	ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	400375	38.502	ng	96
31) Naphthalene	8.21	128	1094416	37.794	ng	97
32) Benzoic acid	7.92	122	41520	7.238	ng	91
33) 4-Chloroaniline	8.26	127	470788	37.615	ng	98
34) Hexachlorobutadiene	8.33	225	251103	39.621	ng	97
35) Caprolactam	8.62	113	107871	34.114	ng	# 85
36) 4-Chloro-3-methylphenol	8.75	107	351734	38.345	ng	99
37) 2-Methylnaphthalene	8.90	142	714688	37.935	ng	98
38) 1-Methylnaphthalene	9.00	142	697111	38.527	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	391042	38.727	ng	# 98

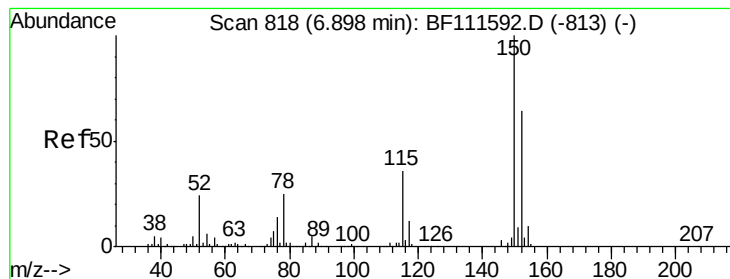
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
 Data File : BF111804.D
 Acq On : 2 Jan 2019 12:00
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 02 12:55:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	209860	42.829	nq	100
43) 2,4,6-Trichlorophenol	9.18	196	257152	38.144	nq	98
44) 2,4,5-Trichlorophenol	9.23	196	268085	38.762	nq	92
46) 1,1'-Biphenyl	9.36	154	992047	38.245	nq	96
47) 2-Chloronaphthalene	9.39	162	781609	38.031	nq	94
48) 2-Nitroaniline	9.48	65	236502	44.235	nq	99
49) Acenaphthylene	9.80	152	1147708	38.248	nq	96
50) Dimethylphthalate	9.66	163	881596	39.233	nq	97
51) 2,6-Dinitrotoluene	9.72	165	197130	43.996	nq	94
52) Acenaphthene	9.98	154	703453	38.010	nq	99
53) 3-Nitroaniline	9.89	138	213565	44.692	nq	96
54) 2,4-Dinitrophenol	10.00	184	48216	37.775	nq	# 78
55) Dibenzofuran	10.15	168	1079506	38.609	nq	95
56) 4-Nitrophenol	10.06	139	143785	39.427	nq	93
57) 2,4-Dinitrotoluene	10.13	165	260898	48.447	nq	# 90
58) Fluorene	10.49	166	778910	38.660	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	223141	38.338	nq	90
60) Diethylphthalate	10.36	149	852638	38.682	nq	99
61) 4-Chlorophenyl-phenylether	10.48	204	445113	39.987	nq	95
62) 4-Nitroaniline	10.50	138	202322	43.562	nq	88
63) Azobenzene	10.65	77	835645	37.762	nq	92
65) 4,6-Dinitro-2-methylphenol	10.54	198	98793	41.887	nq	# 70
66) n-Nitrosodiphenylamine	10.60	169	738875	37.658	nq	99
67) 4-Bromophenyl-phenylether	10.97	248	281292	38.801	nq	97
68) Hexachlorobenzene	11.05	284	312101	38.611	nq	97
69) Atrazine	11.13	200	253261	37.156	nq	95
70) Pentachlorophenol	11.24	266	186954	37.412	nq	98
71) Phenanthrene	11.46	178	1147044	37.004	nq	94
72) Anthracene	11.51	178	1167999	37.539	nq	95
73) Carbazole	11.66	167	1111515	36.796	nq	95
74) Di-n-butylphthalate	11.99	149	1280873	37.819	nq	96
75) Fluoranthene	12.65	202	1130809	36.025	nq	95
77) Benzdine	12.76	184	440581	29.484	nq	99
78) Pyrene	12.87	202	1143489	40.777	nq	96
80) Butylbenzylphthalate	13.48	149	464800	40.662	nq	93
81) Benzo(a)anthracene	14.06	228	883818	38.999	nq	99
82) 3,3'-Dichlorobenzidine	14.02	252	330236	36.881	nq	# 97
83) Chrysene	14.10	228	827960	37.172	nq	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	608273	42.246	nq	97
85) Di-n-octyl phthalate	14.66	149	875840	39.261	nq	95
86) Indeno(1,2,3-cd)pyrene	17.07	276	811098	42.836	nq	# 87
88) Benzo(b)fluoranthene	15.12	252	702722	35.737	nq	# 96
89) Benzo(k)fluoranthene	15.15	252	706426	37.735	nq	# 96
90) Benzo(a)pyrene	15.49	252	672605	37.650	nq	# 94
91) Dibenzo(a,h)anthracene	17.08	278	686921	43.910	nq	# 91
92) Benzo(g,h,i)perylene	17.52	276	680188	44.528	nq	# 88

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

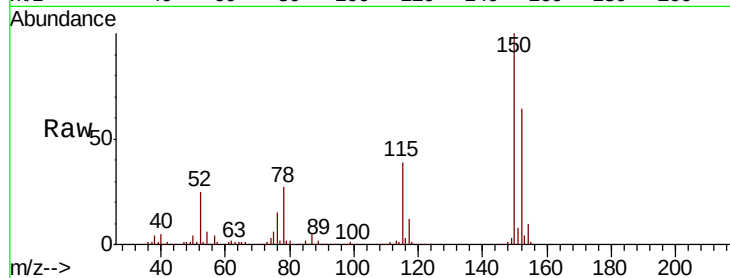


#1

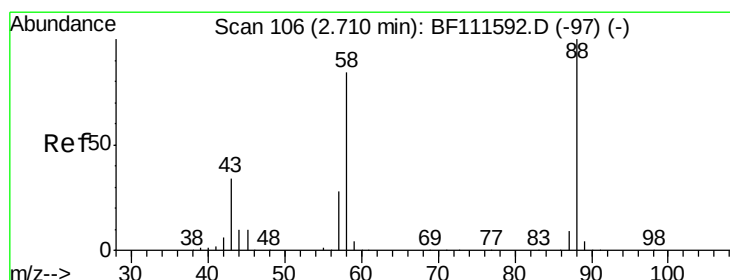
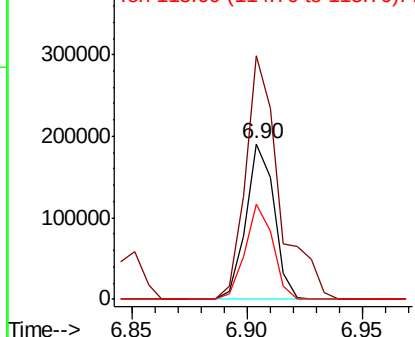
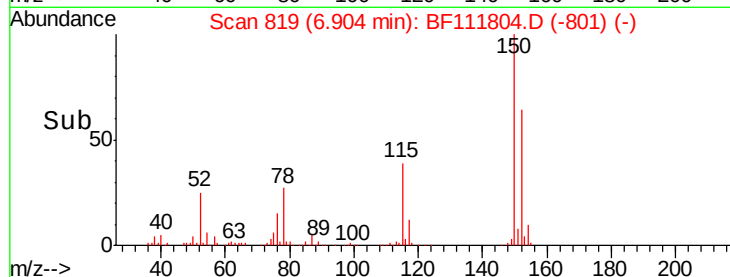
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 163121
Ion Ratio Lower Upper
152 100
150 156.5 126.6 189.8
115 61.5 50.7 76.1



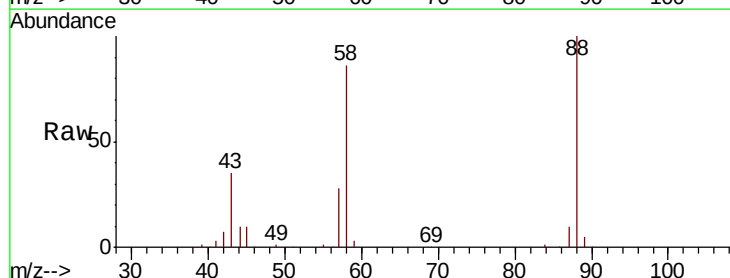
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



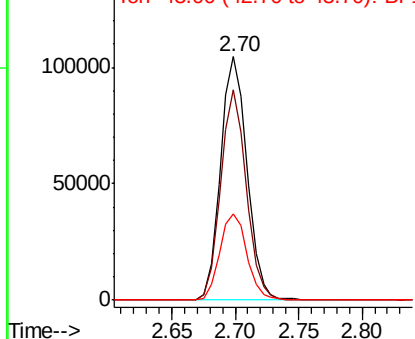
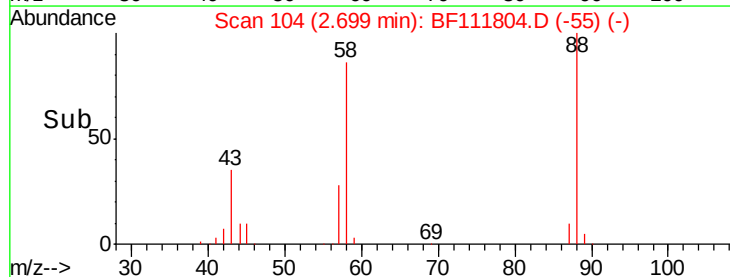
#2

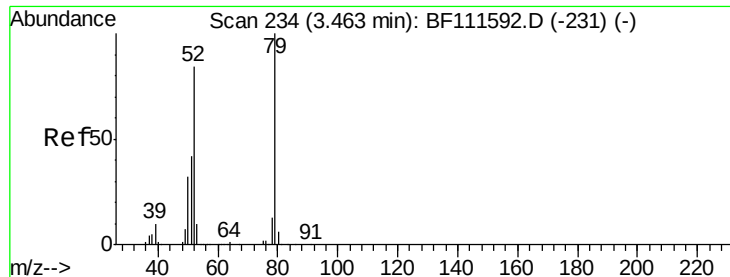
1,4-Dioxane
Concen: 33.629 ng
RT: 2.70 min Scan# 104
Delta R.T. -0.01 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Tgt Ion: 88 Resp: 151414
Ion Ratio Lower Upper
88 100
58 83.6 68.9 103.3
43 36.6 25.8 38.6



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: 34.695 ng

RT: 3.46 min Scan# 234

Delta R.T. -0.00 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

Instrument :

BNA_F

ClientSampleId :

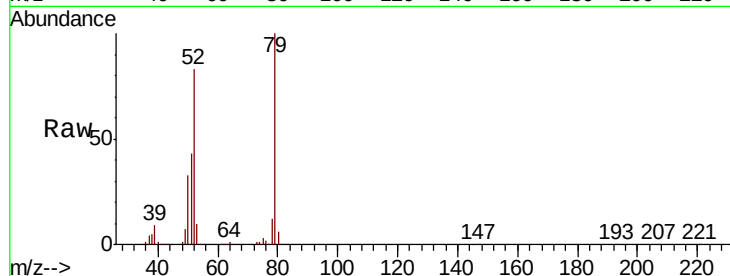
Tot Ion: 79 Resp: 406977

Ion Ratio Lower Upper

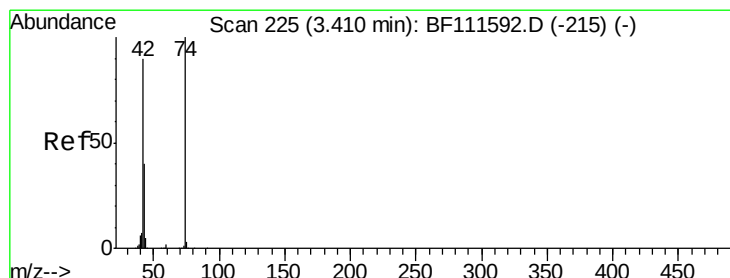
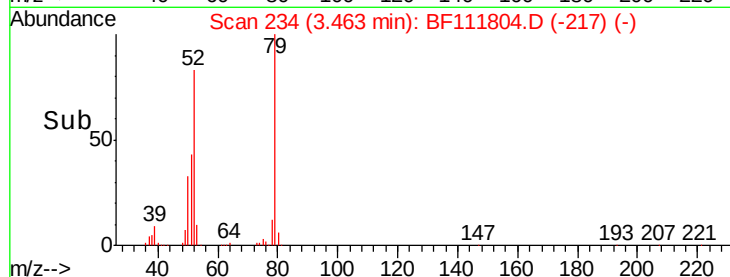
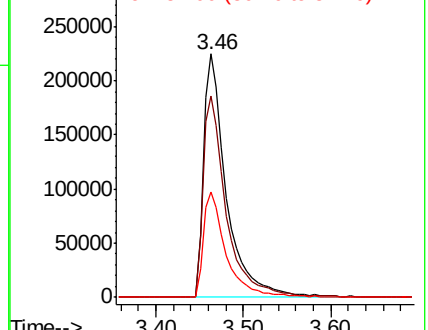
79 100

52 82.7 68.3 102.5

51 43.3 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.059 ng

RT: 3.41 min Scan# 225

Delta R.T. -0.00 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

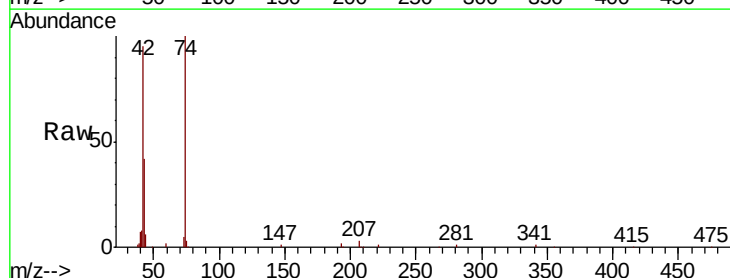
Tgt Ion: 42 Resp: 201268

Ion Ratio Lower Upper

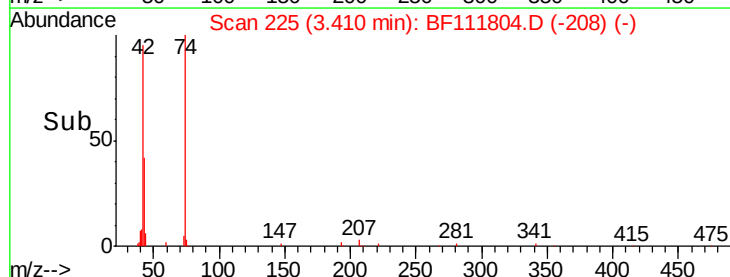
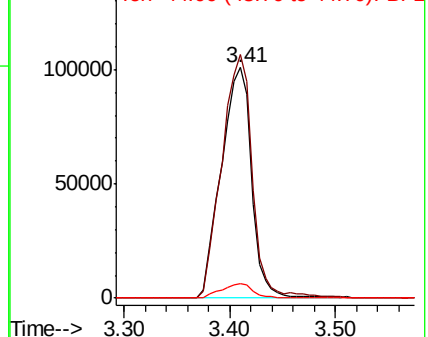
42 100

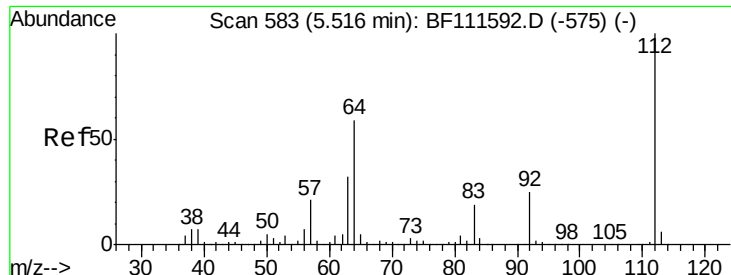
74 105.7 101.5 152.3

44 6.2 6.0 9.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 74.848 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.02 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

Instrument :

BNA_F

ClientSampled :

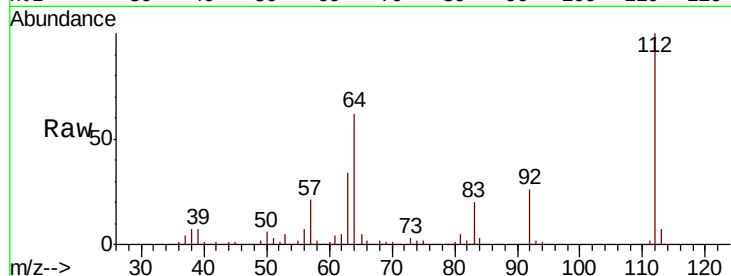
Tot Ion:112 Resp: 716280

Ion Ratio Lower Upper

112 100

64 61.8 51.8 77.6

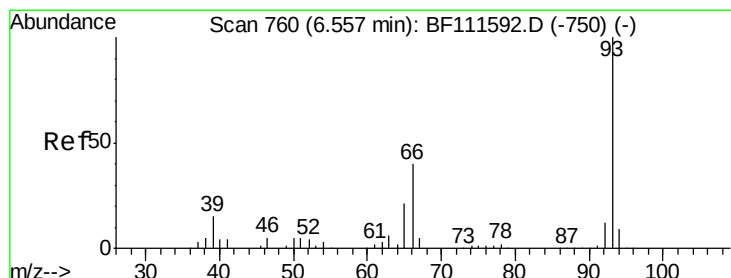
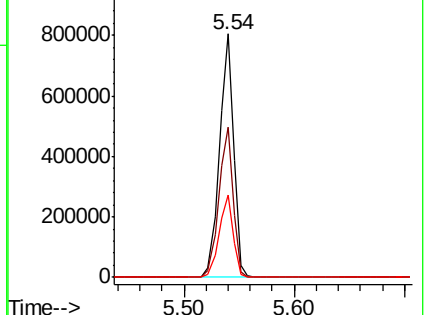
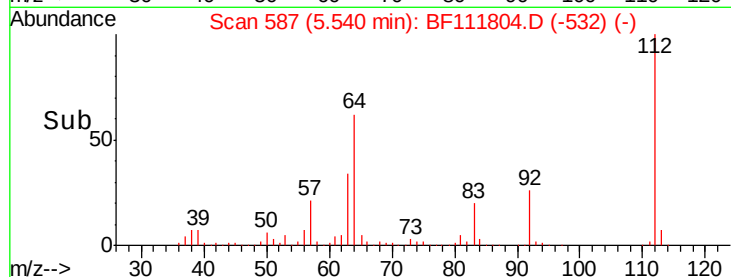
63 33.9 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.847 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

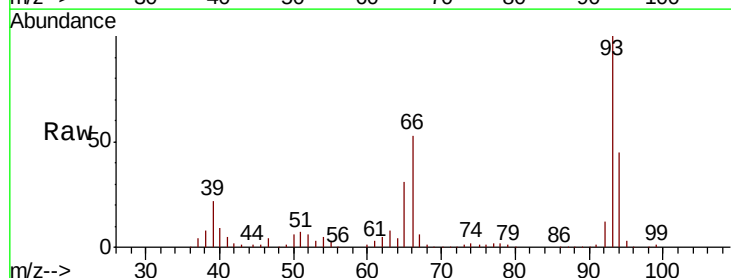
Tgt Ion: 93 Resp: 540983

Ion Ratio Lower Upper

93 100

66 52.8 33.2 49.8#

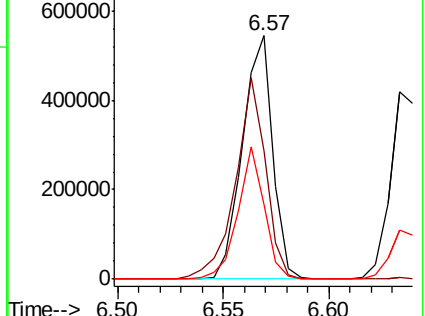
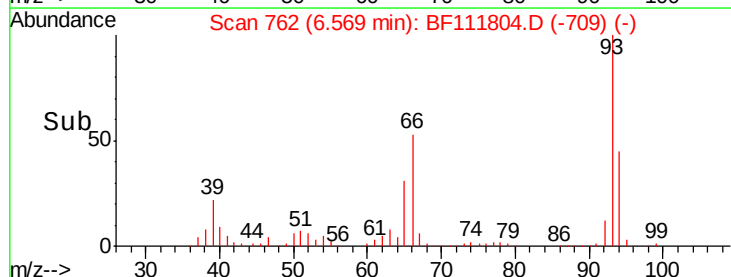
65 30.8 17.0 25.4#

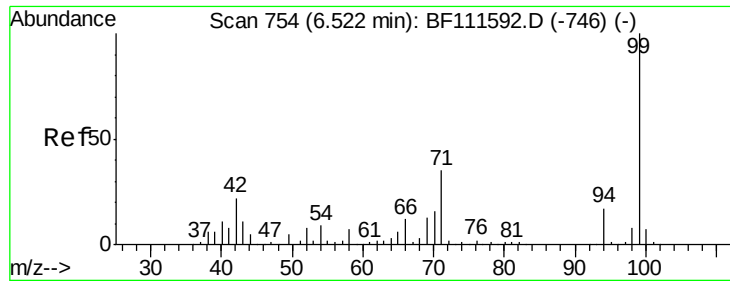


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.557 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

Instrument :

BNA_F

ClientSampleId :

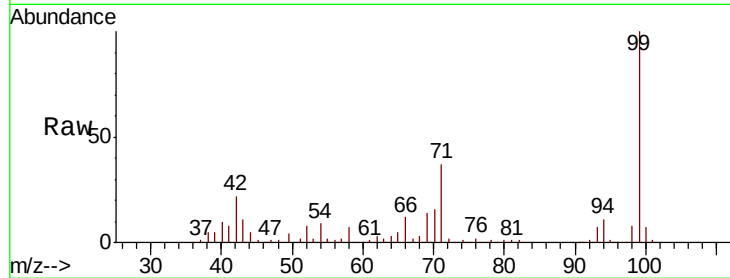
Tot Ion: 99 Resp: 895858

Ion Ratio Lower Upper

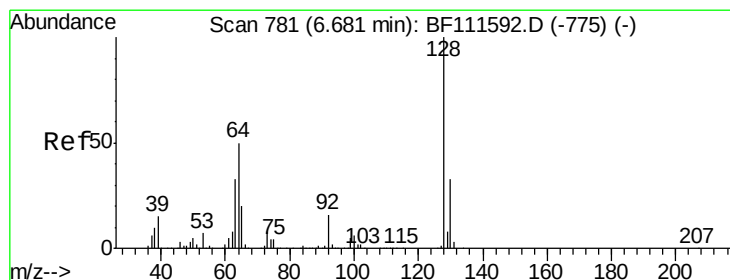
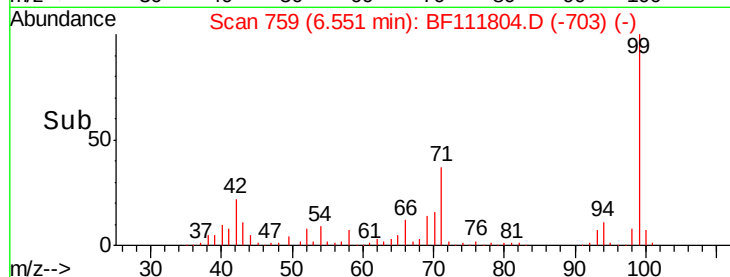
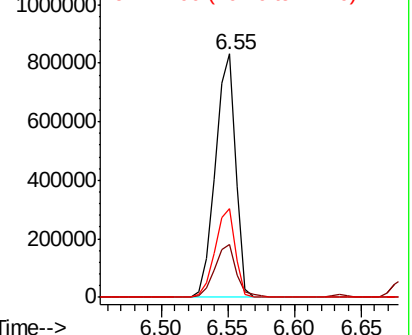
99 100

42 22.0 17.4 26.0

71 36.6 26.1 39.1



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: 38.339 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.02 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

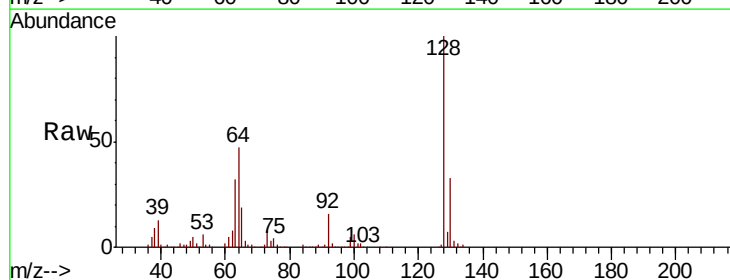
Tgt Ion: 128 Resp: 406433

Ion Ratio Lower Upper

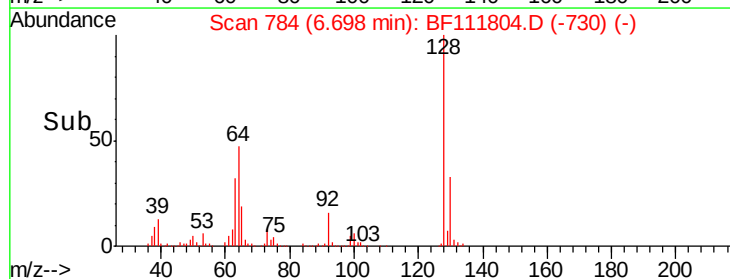
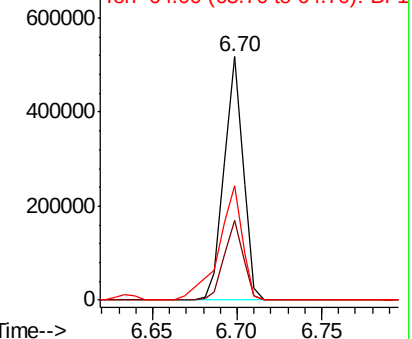
128 100

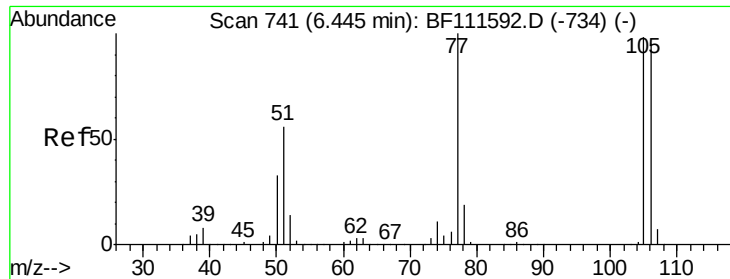
130 32.9 12.7 52.7

64 46.9 30.0 70.0



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: 33.750 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

Instrument :

BNA_F

ClientSampleId :

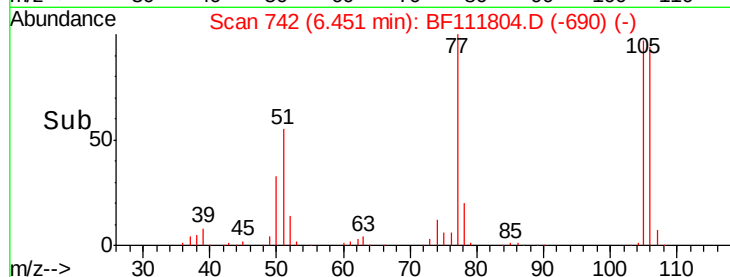
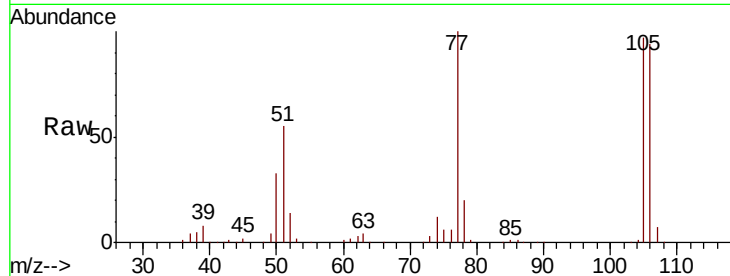
Tot Ion: 77 Resp: 282699

Ion Ratio Lower Upper

77 100

105 97.4 81.4 121.4

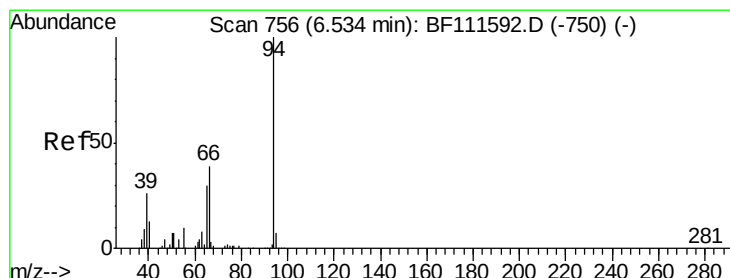
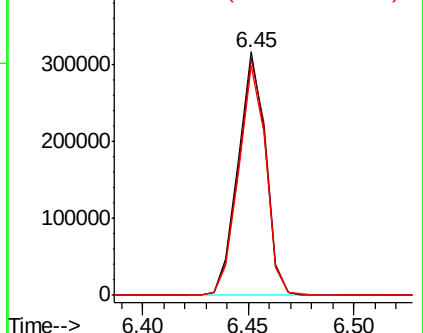
106 94.5 77.9 117.9



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: 35.432 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.03 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

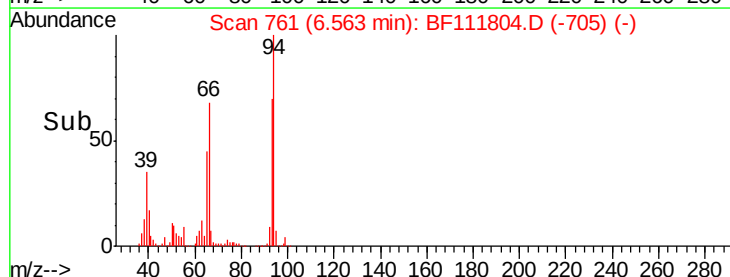
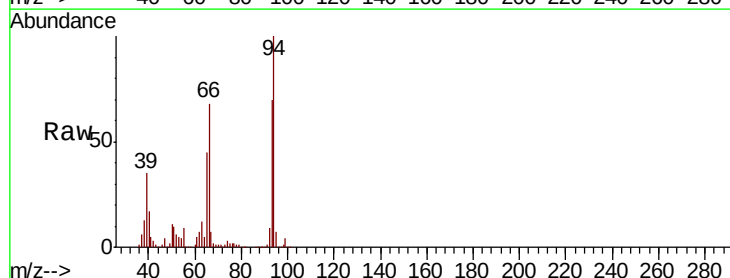
Tgt Ion: 94 Resp: 486900

Ion Ratio Lower Upper

94 100

65 44.9 11.7 51.7

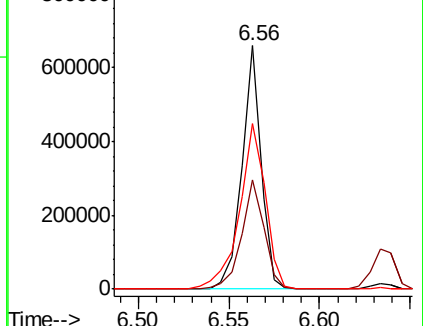
66 68.1 21.0 61.0#

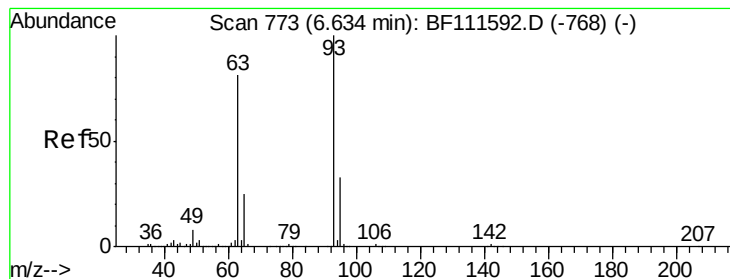


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

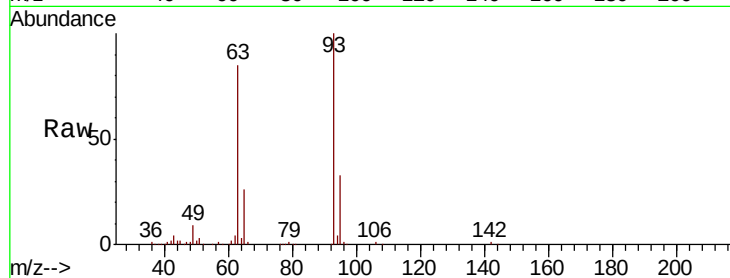




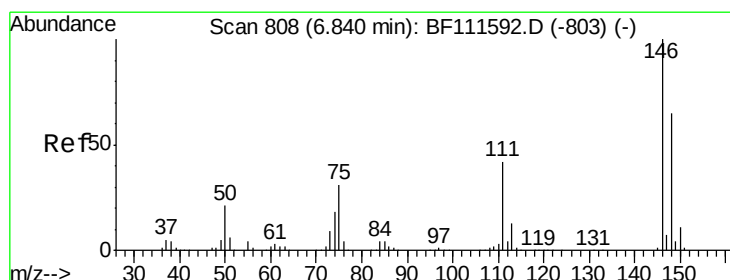
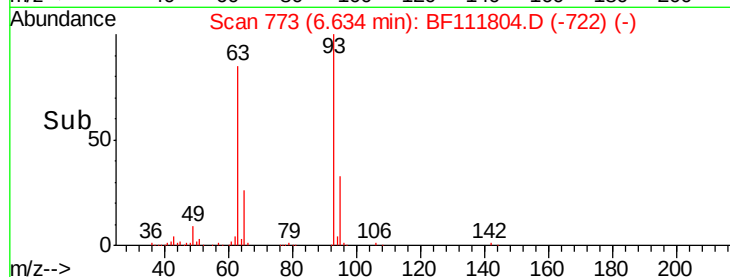
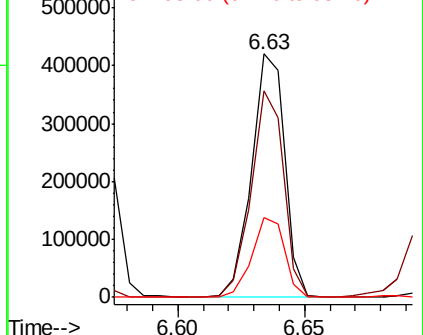
#11
bis(2-Chloroethyl)ether
Concen: 37.232 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.8	60.0	100.0
95	32.7	13.4	53.4

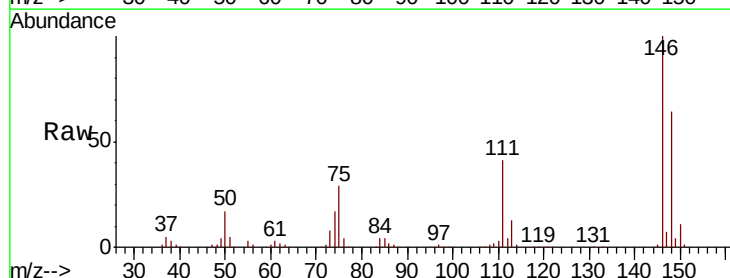


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

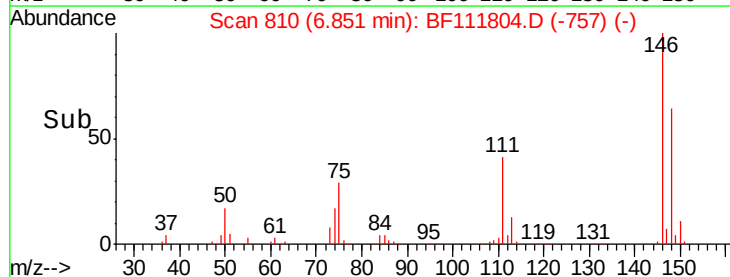
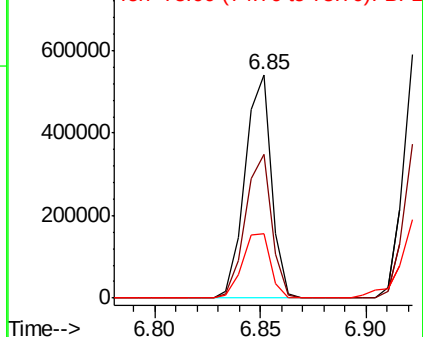


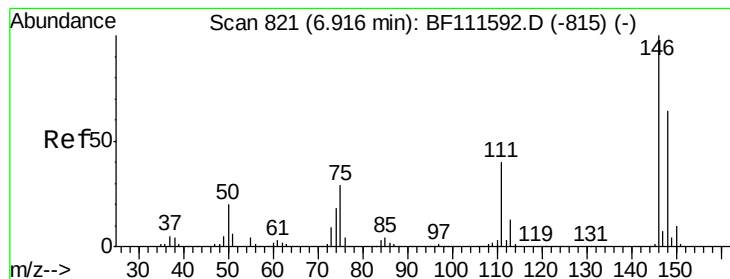
#12
1,3-Dichlorobenzene
Concen: 38.173 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.1	78.1
75	28.8	23.9	35.9



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: 38.374 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

Instrument :

BNA_F

ClientSampleId :

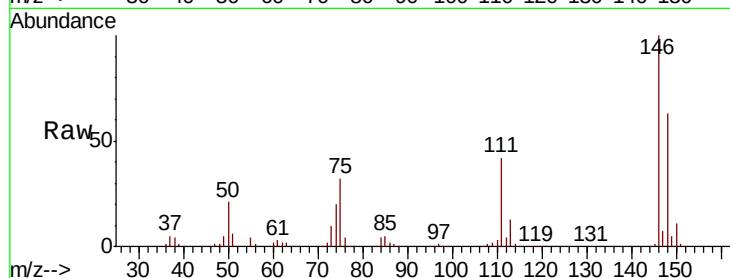
Tot Ion:146 Resp: 478117

Ion Ratio Lower Upper

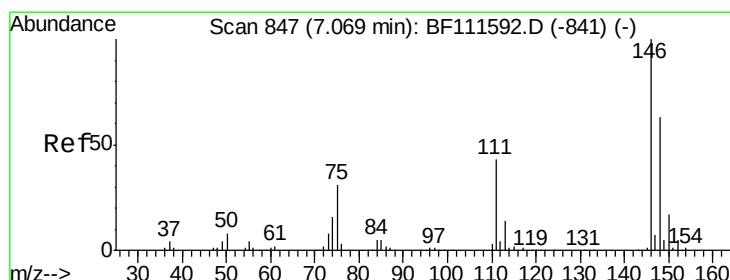
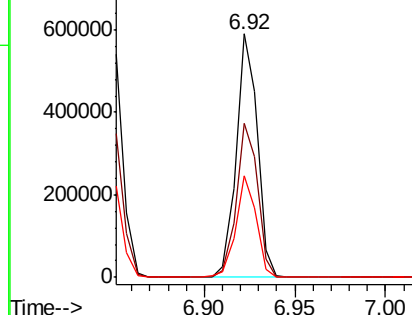
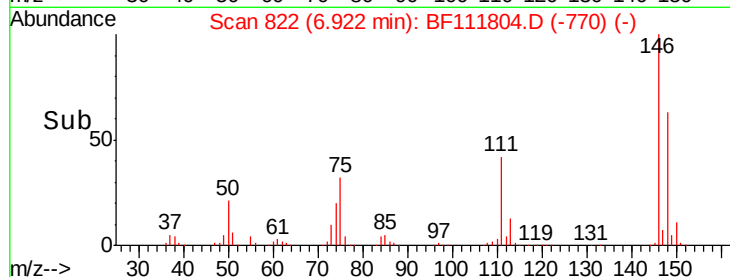
146 100

148 63.5 52.8 79.2

111 41.6 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E
800000
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.224 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.01 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

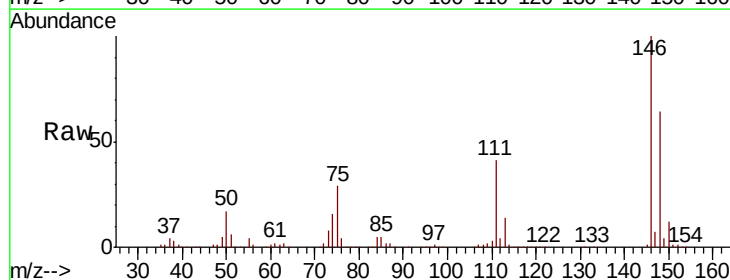
Tgt Ion:146 Resp: 444333

Ion Ratio Lower Upper

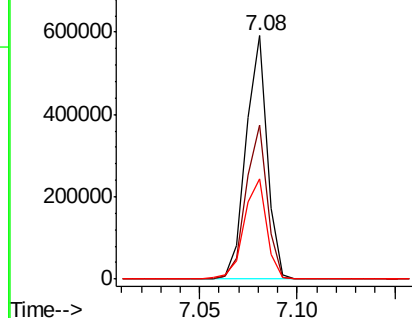
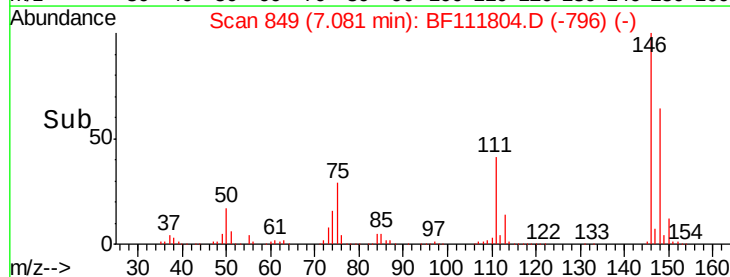
146 100

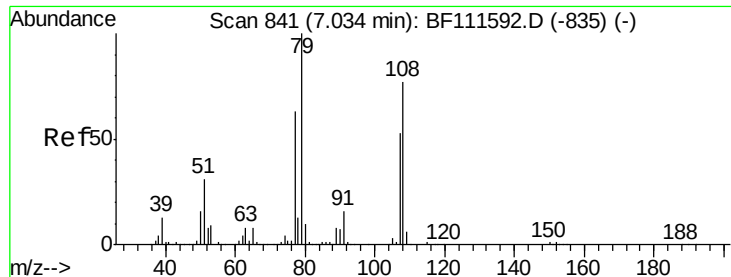
148 63.5 51.9 77.9

111 41.3 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
800000
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.885 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

Instrument :

BNA_F

ClientSampled :

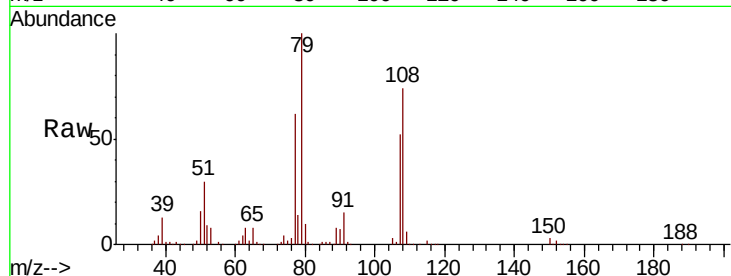
Tot Ion: 79 Resp: 366450

Ion Ratio Lower Upper

79 100

108 73.5 69.4 104.2

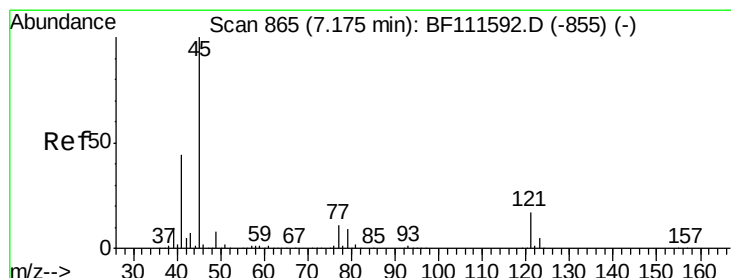
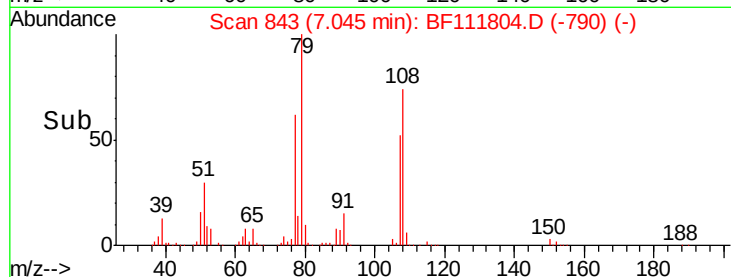
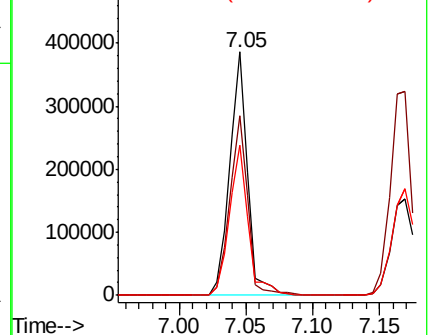
77 61.8 49.7 74.5



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: 33.020 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

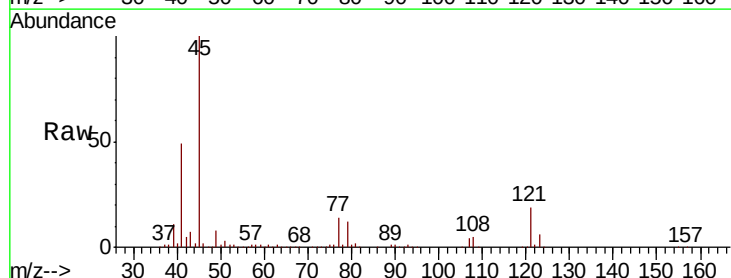
Tgt Ion: 45 Resp: 626228

Ion Ratio Lower Upper

45 100

77 14.3 0.0 31.5

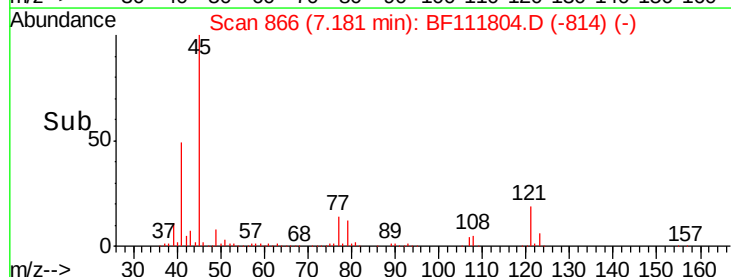
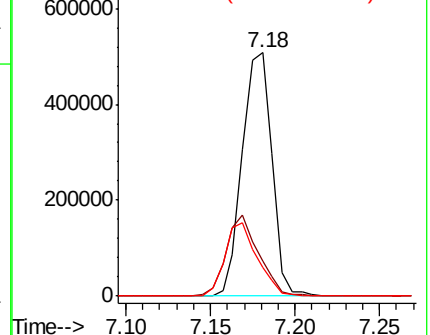
79 11.9 0.0 28.9

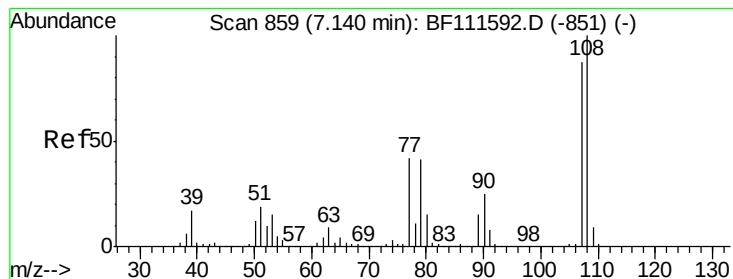


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

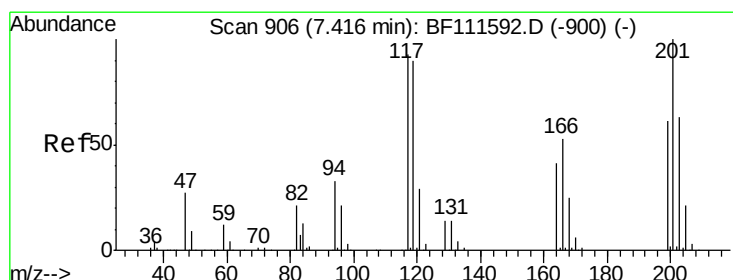
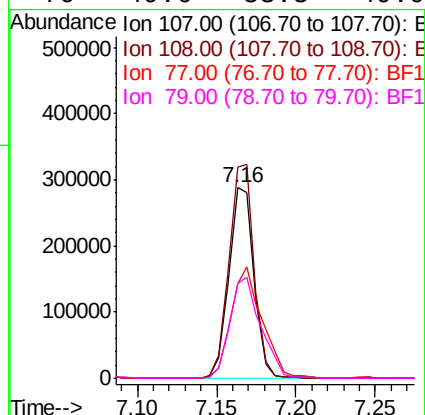
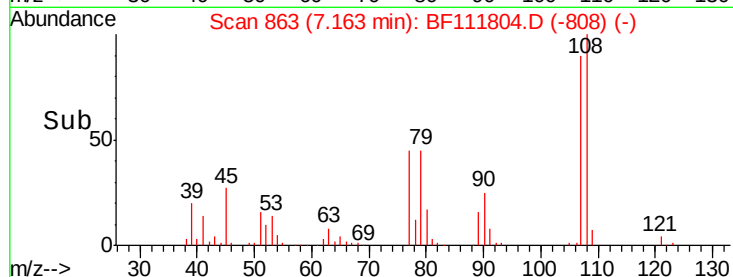
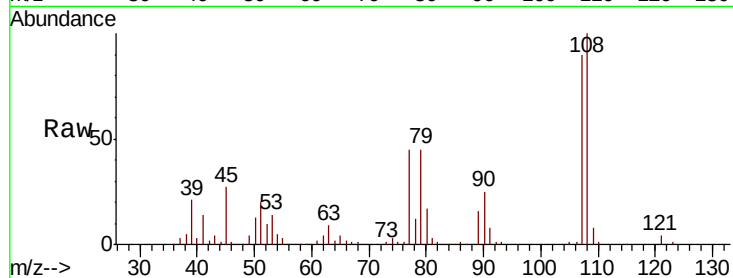




#17
2-Methylphenol
Concen: 37.236 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.02 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

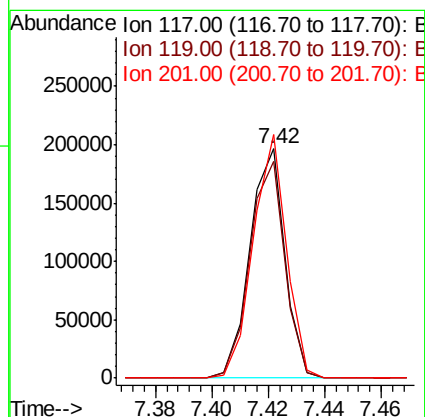
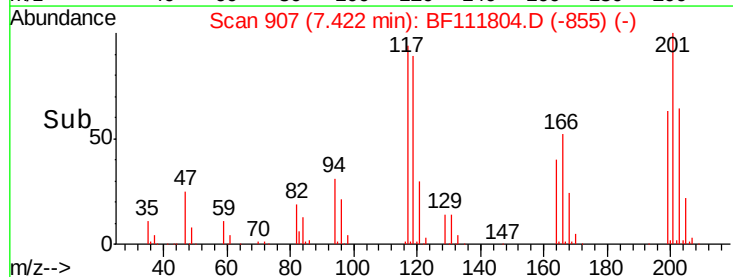
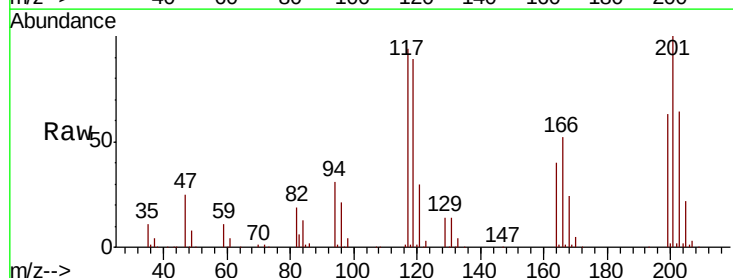
Instrument :
BNA_F
ClientSampled :

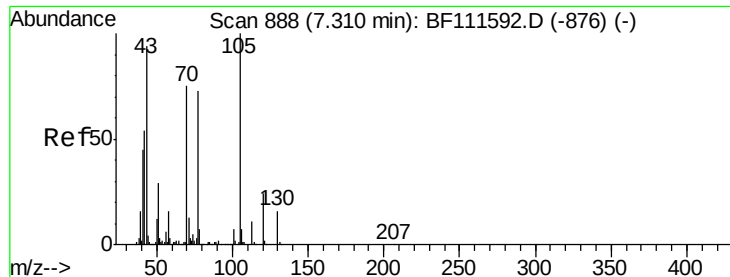
Tot Ion:107 Resp: 316074
Ion Ratio Lower Upper
107 100
108 111.3 91.0 136.4
77 49.7 33.5 50.3
79 49.6 33.3 49.9



#18
Hexachloroethane
Concen: 39.934 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Tgt Ion:117 Resp: 167667
Ion Ratio Lower Upper
117 100
119 94.7 75.4 113.0
201 106.2 62.4 93.6#

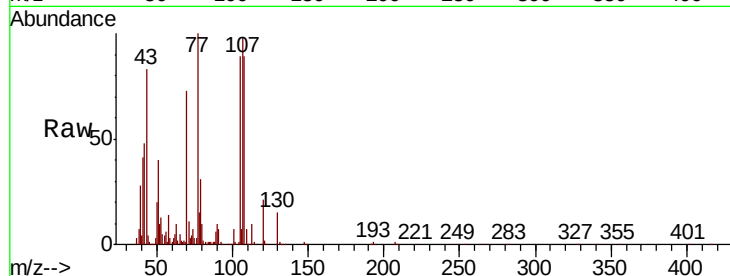




#19
n-Nitroso-di-n-propylamine
Concen: 36.324 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.5	53.2	79.8
101	9.6	8.2	12.4
130	20.9	18.1	27.1



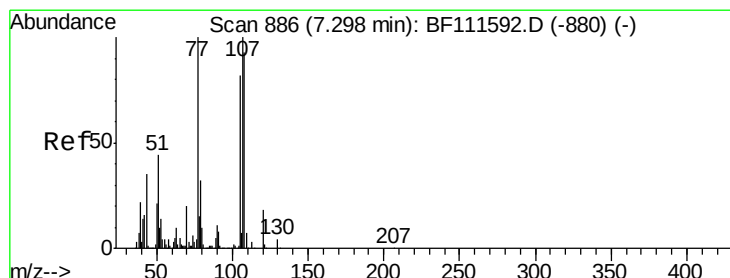
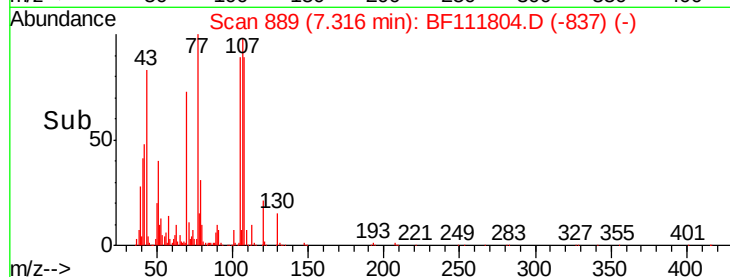
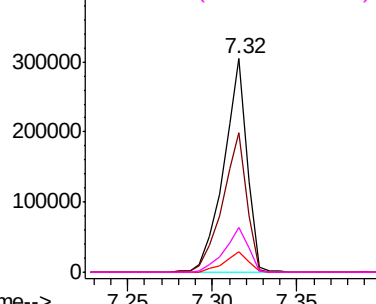
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 37.556 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	72.1	112.1
77	101.6	94.1	134.1
79	31.3	9.8	49.8

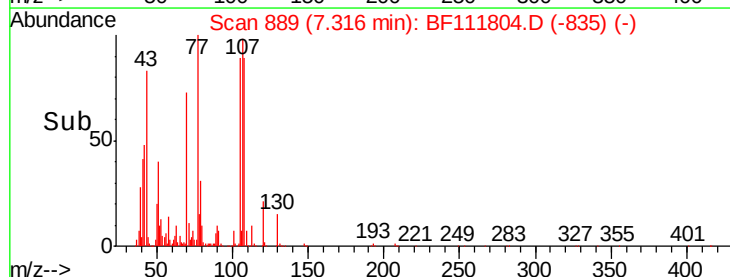
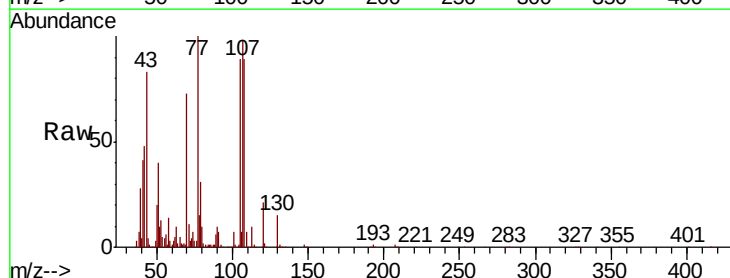
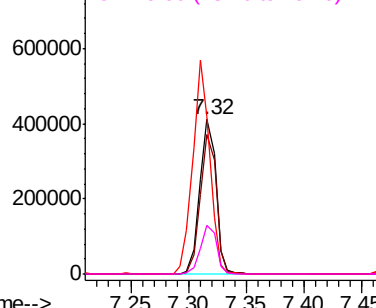
Abundance

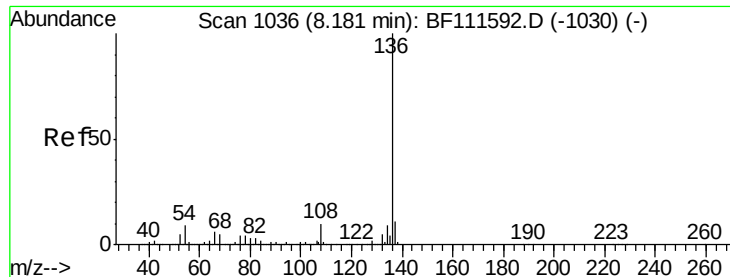
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

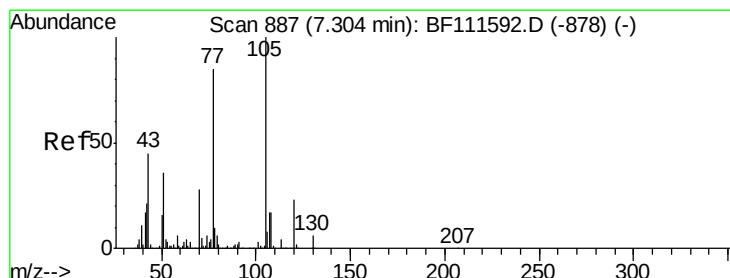
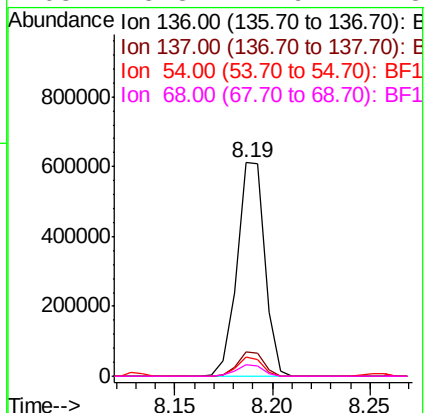
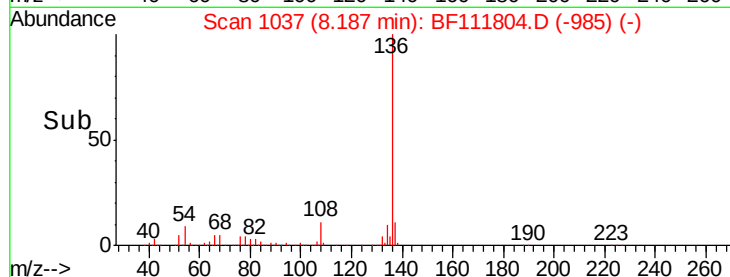
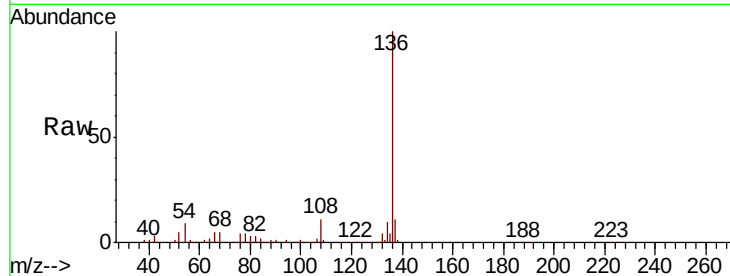




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

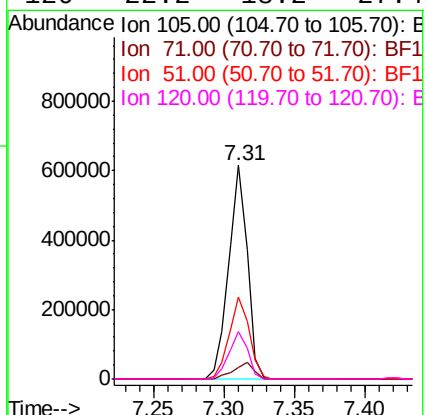
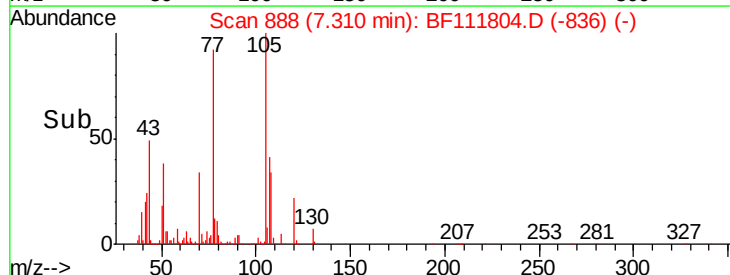
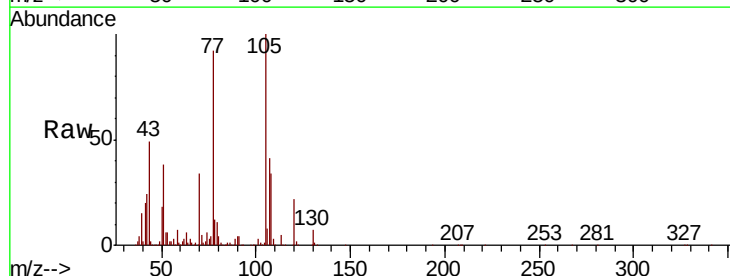
Instrument :
BNA_F
ClientSampleId :

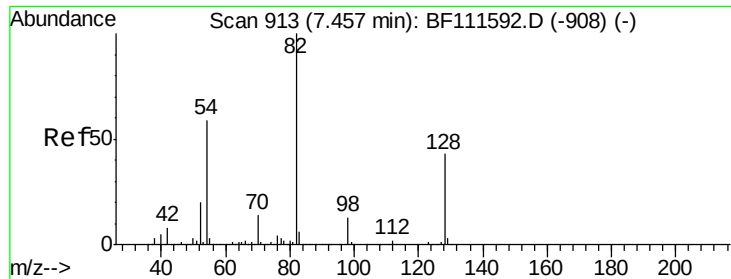
Tot Ion:136	Resp: 602674
Ion Ratio	Lower Upper
136 100	
137 11.3	9.1 13.7
54 8.9	7.7 11.5
68 5.3	4.9 7.3



#22
Acetophenone
Concen: 37.151 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Tgt	Ion:105	Resp:	567223
Ion	Ratio	Lower	Upper
105	100		
71	5.4	3.1	4.7#
51	38.3	36.6	54.8
120	22.2	18.2	27.4

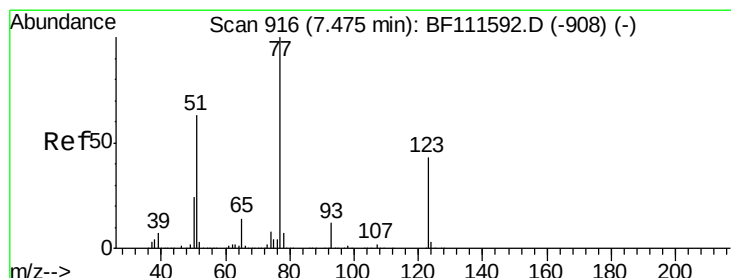
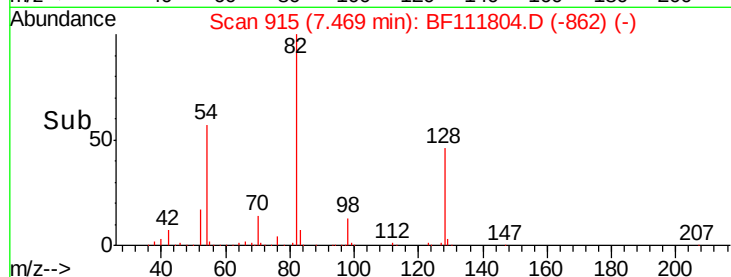
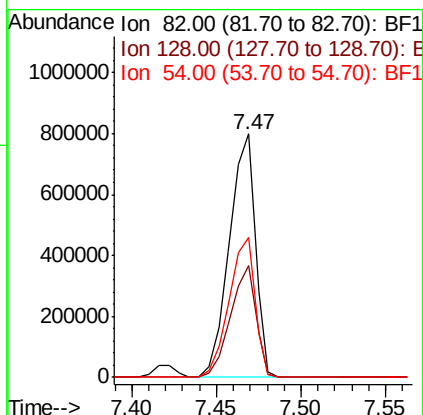
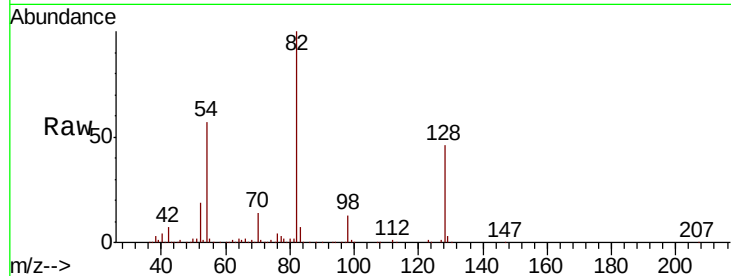




#23
 Nitrobenzene-d5
 Concen: 82.445 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: BF111804.D
 Acq: 2 Jan 2019 12:00

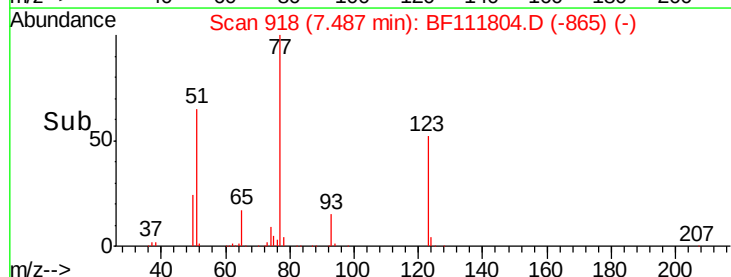
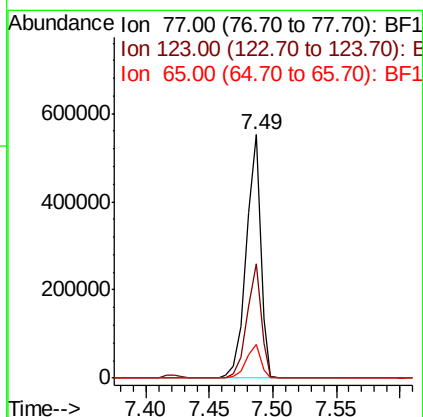
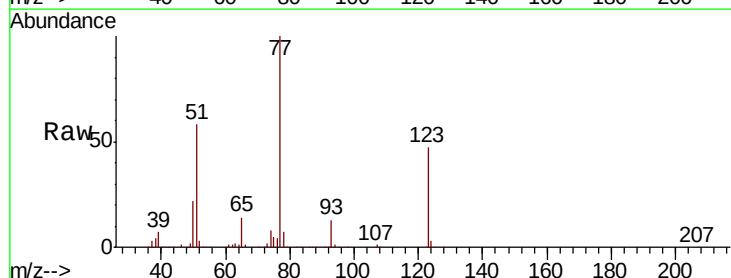
Instrument :
 BNA_F
 ClientSampleId :

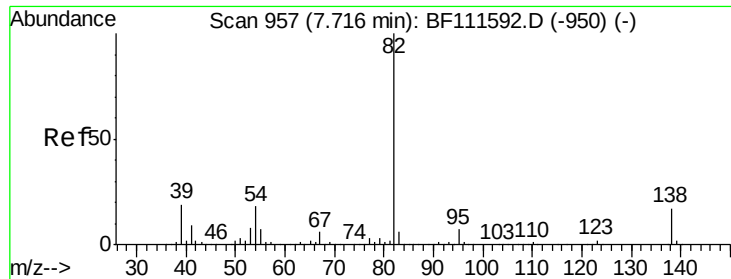
Tot Ion: 82 Resp: 853624
 Ion Ratio Lower Upper
 82 100
 128 45.8 37.4 56.2
 54 57.5 47.6 71.4



#24
 Nitrobenzene
 Concen: 39.678 ng
 RT: 7.49 min Scan# 918
 Delta R.T. 0.01 min
 Lab File: BF111804.D
 Acq: 2 Jan 2019 12:00

Tgt Ion: 77 Resp: 430572
 Ion Ratio Lower Upper
 77 100
 123 46.9 37.2 55.8
 65 14.1 11.5 17.3

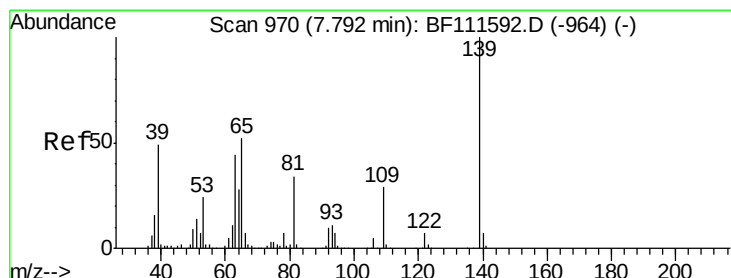
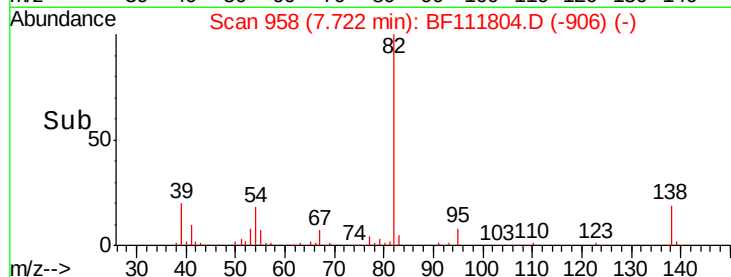
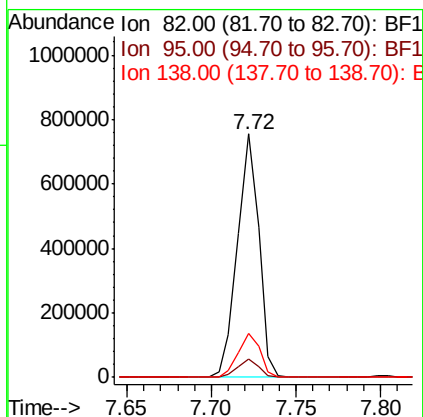
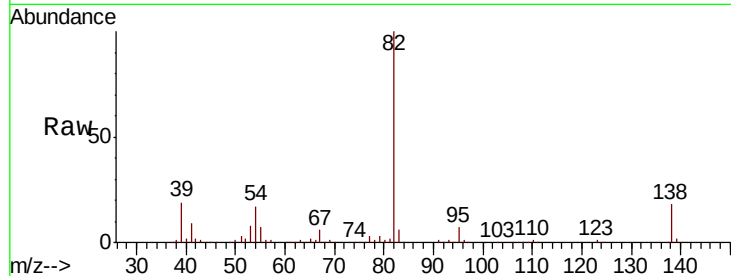




#25
Isophorone
Concen: 36.457 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

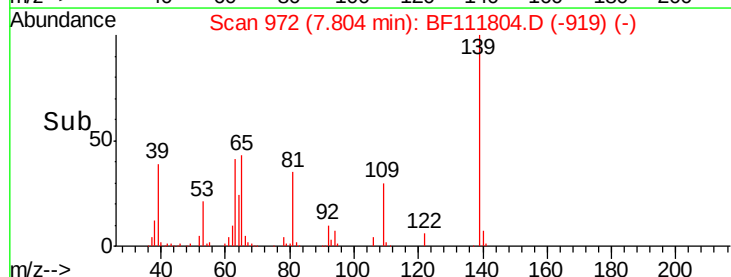
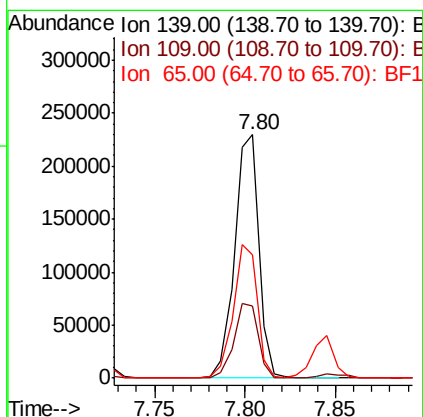
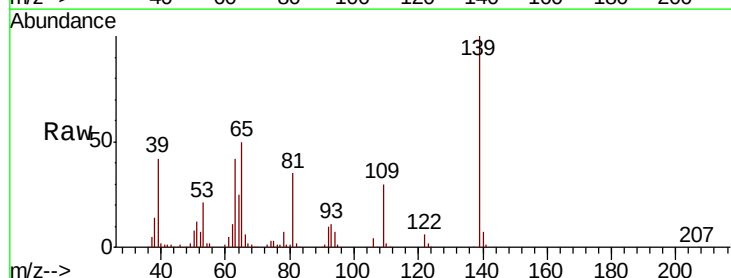
Instrument :
BNA_F
ClientSampleId :

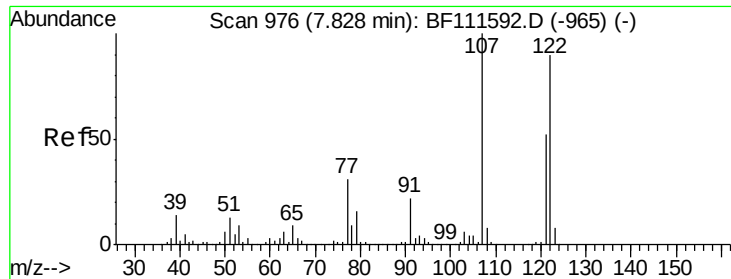
Tot Ion: 82 Resp: 670114
Ion Ratio Lower Upper
82 100
95 7.5 5.4 8.2
138 18.0 15.1 22.7



#26
2-Nitrophenol
Concen: 48.445 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Tgt Ion: 139 Resp: 213211
Ion Ratio Lower Upper
139 100
109 29.8 20.2 30.4
65 50.4 40.7 61.1

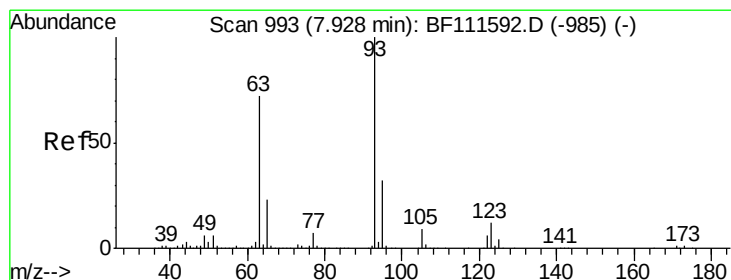
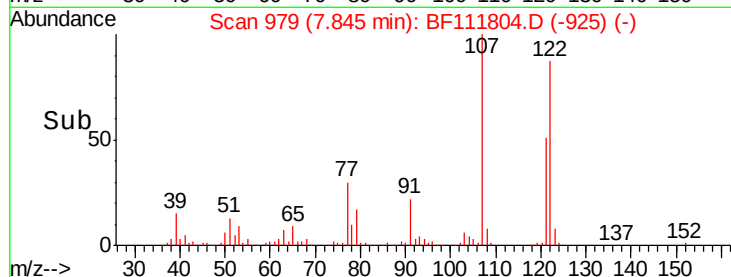
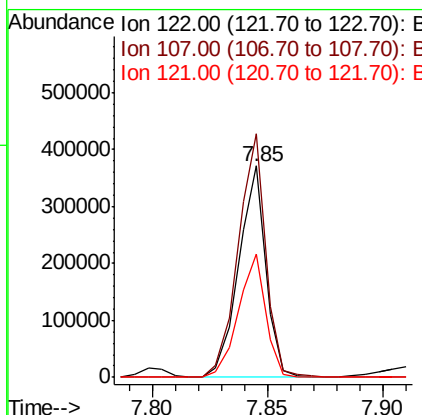
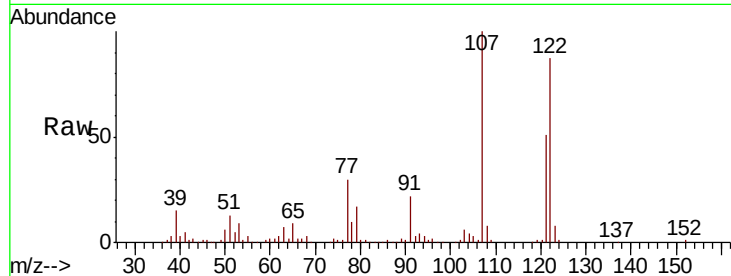




#27
 2,4-Dimethylphenol
 Concen: 35.318 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.02 min
 Lab File: BF111804.D
 Acq: 2 Jan 2019 12:00

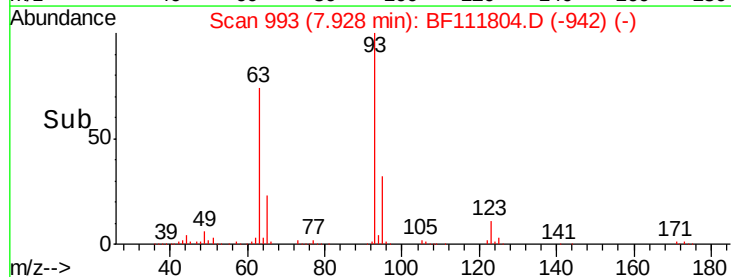
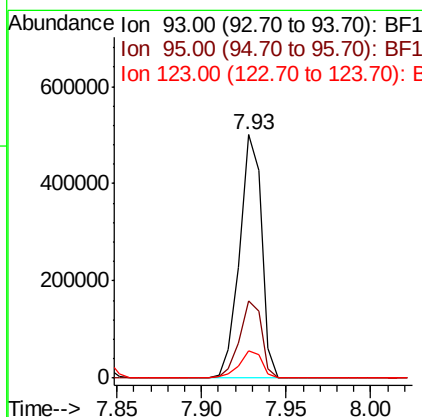
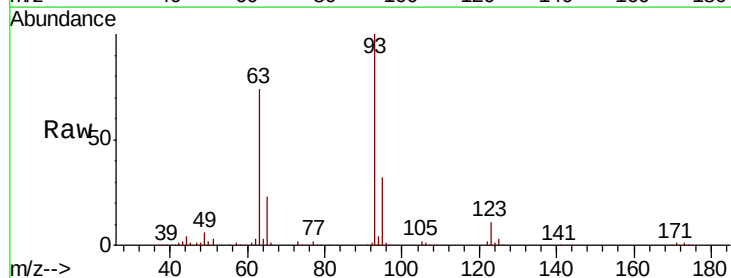
Instrument :
 BNA_F
 ClientSampleId :

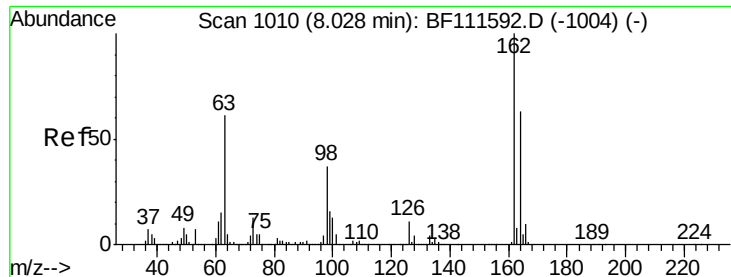
Tot Ion:122 Resp: 306415
 Ion Ratio Lower Upper
 122 100
 107 115.3 85.5 128.3
 121 58.7 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.135 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF111804.D
 Acq: 2 Jan 2019 12:00

Tgt Ion: 93 Resp: 454222
 Ion Ratio Lower Upper
 93 100
 95 31.8 27.1 40.7
 123 11.4 9.9 14.9

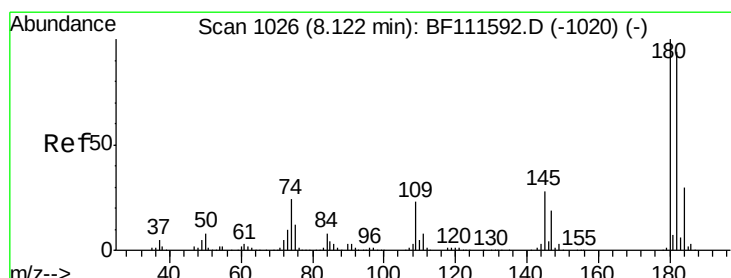
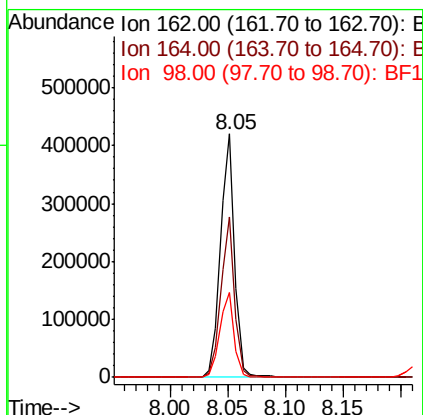
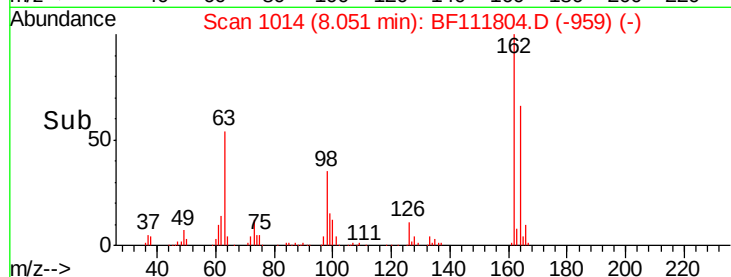
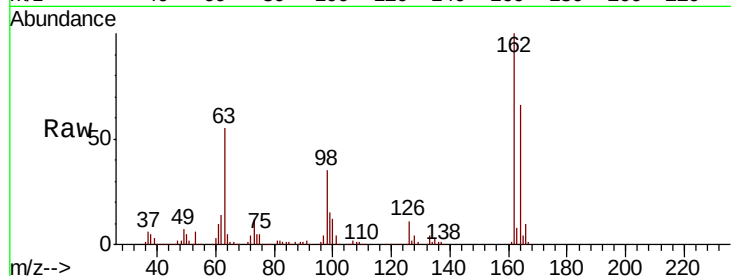




#29
2,4-Dichlorophenol
Concen: 38.328 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.02 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

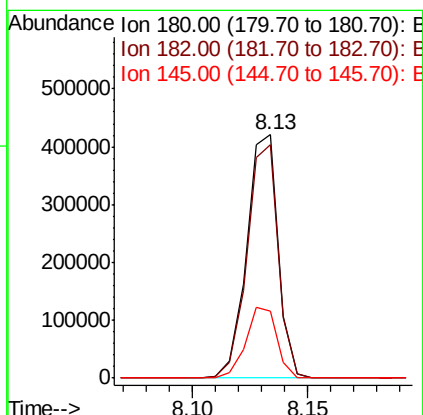
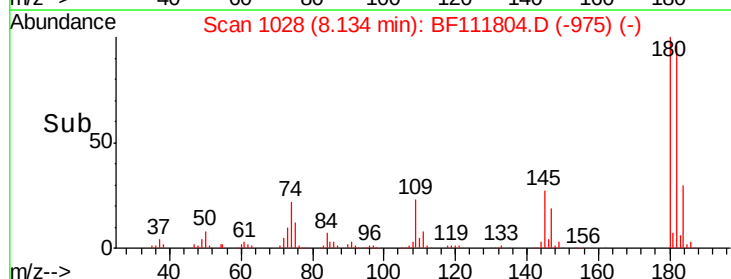
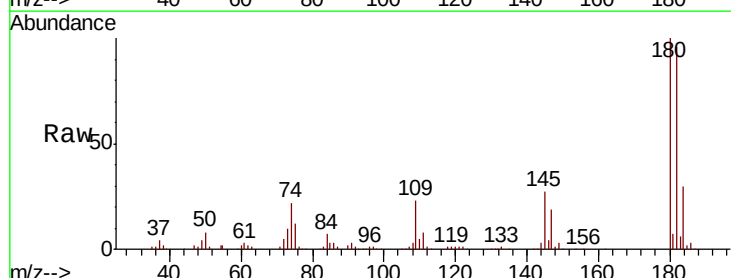
Instrument :
BNA_F
ClientSampleId :

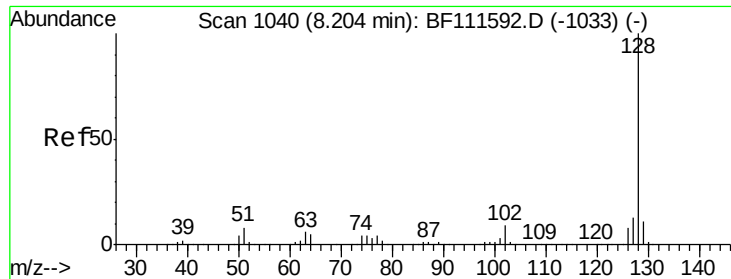
Tot Ion:162 Resp: 357660
Ion Ratio Lower Upper
162 100
164 65.7 44.4 84.4
98 34.8 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 38.502 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Tgt Ion:180 Resp: 400375
Ion Ratio Lower Upper
180 100
182 95.7 75.6 113.4
145 27.3 26.7 40.1

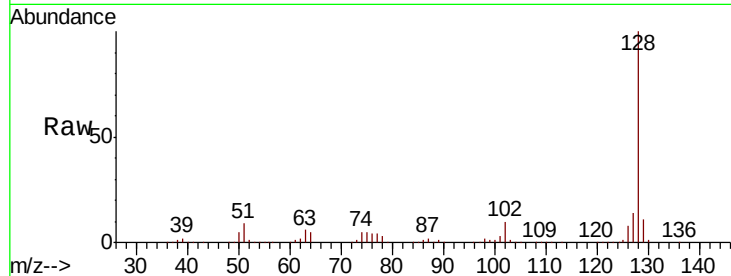




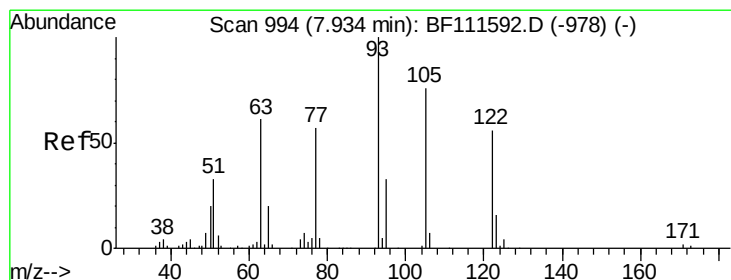
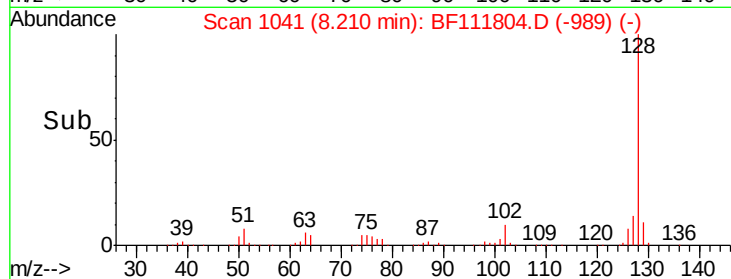
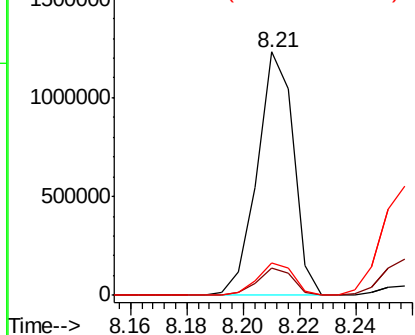
#31
Naphthalene
Concen: 37.794 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1094416
Ion Ratio Lower Upper
128 100
129 11.2 9.8 14.8
127 13.6 12.0 18.0

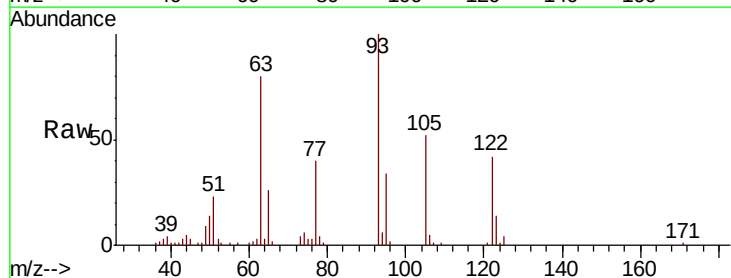


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

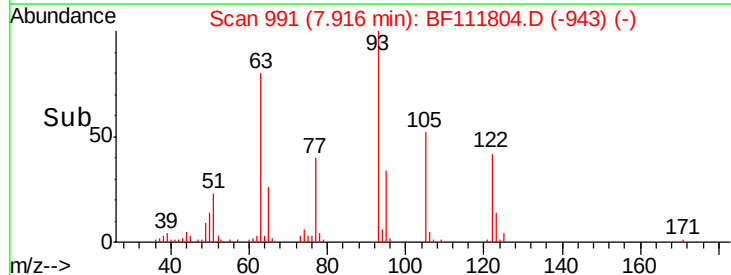
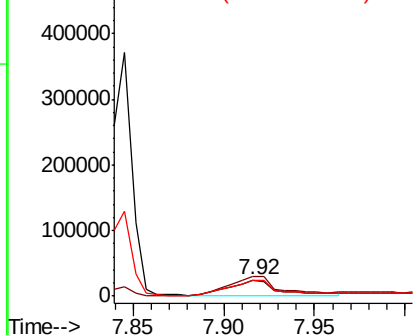


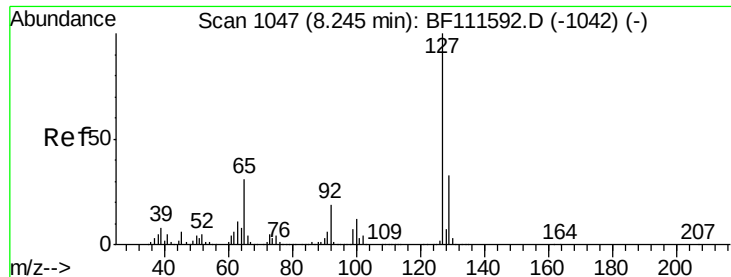
#32
Benzoic acid
Concen: 7.238 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Tgt Ion:122 Resp: 41520
Ion Ratio Lower Upper
122 100
105 124.2 97.0 137.0
77 96.2 65.7 105.7



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

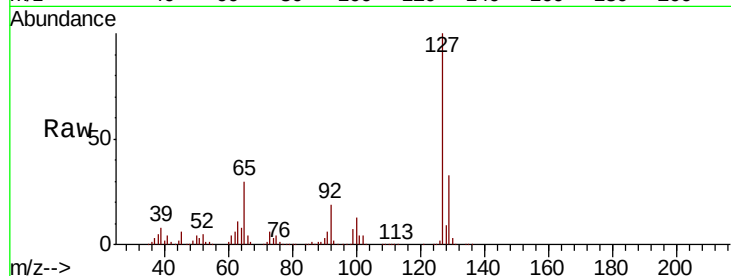




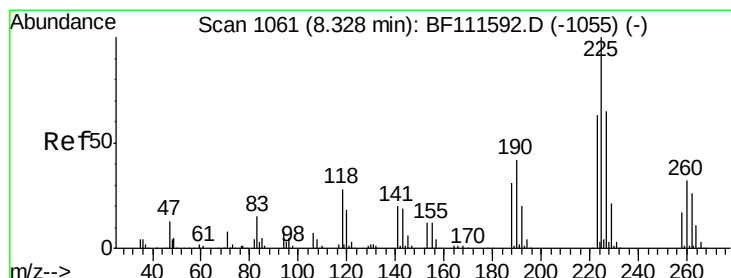
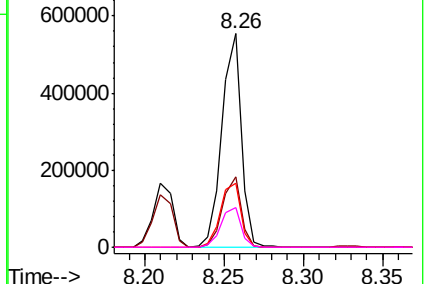
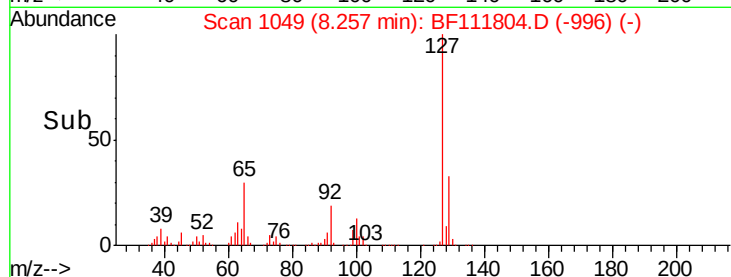
#33
4-Chloroaniline
Concen: 37.615 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	470788
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	39.8
65	30.0	25.7	38.5
92	18.6	15.4	23.2

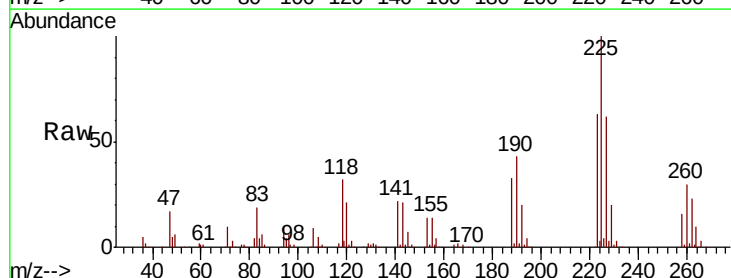


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

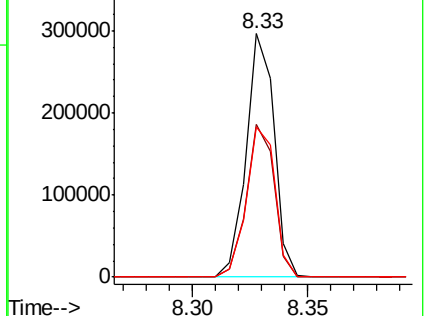
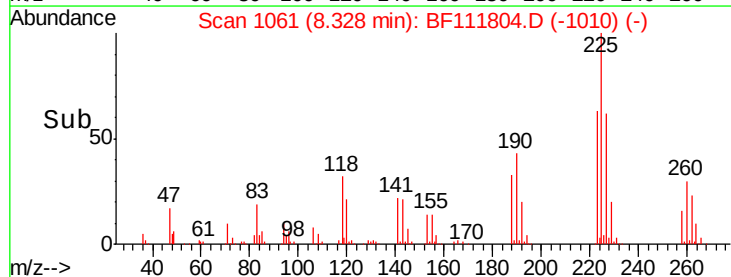


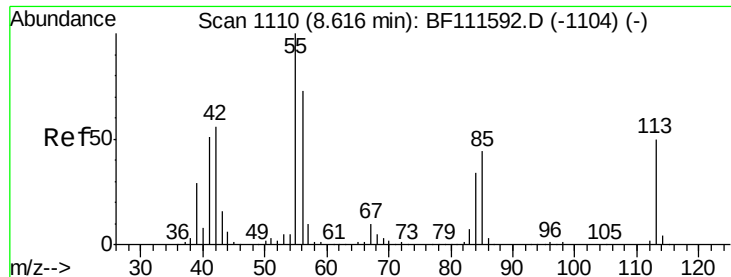
#34
Hexachlorobutadiene
Concen: 39.621 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Tgt Ion:	225	Resp:	251103
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.7	76.1
227	61.5	52.6	78.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

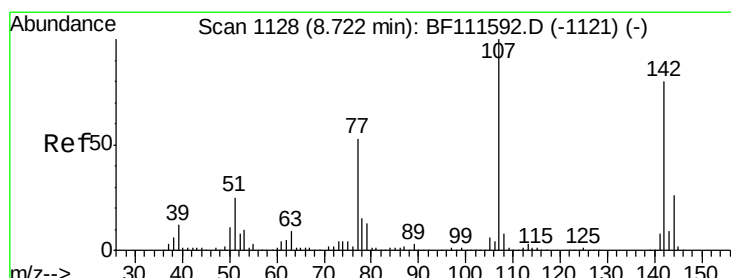
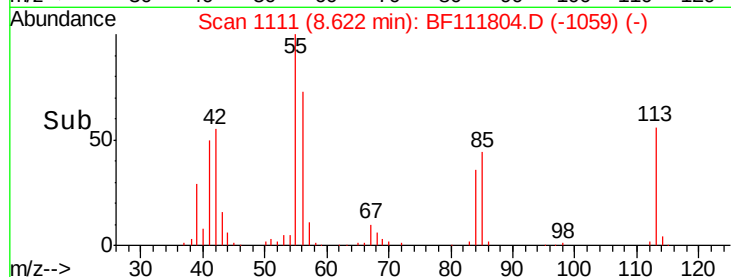
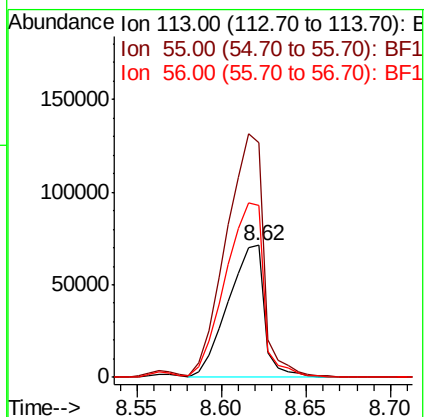
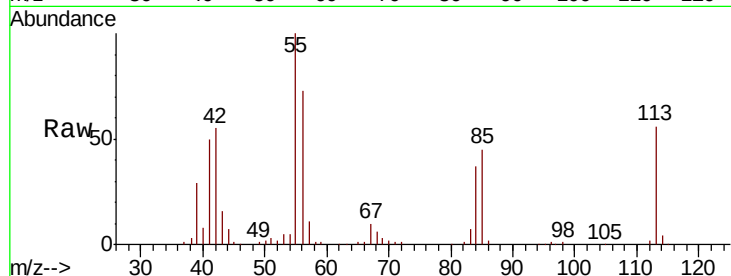




#35
Caprolactam
Concen: 34.114 ng
RT: 8.62 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

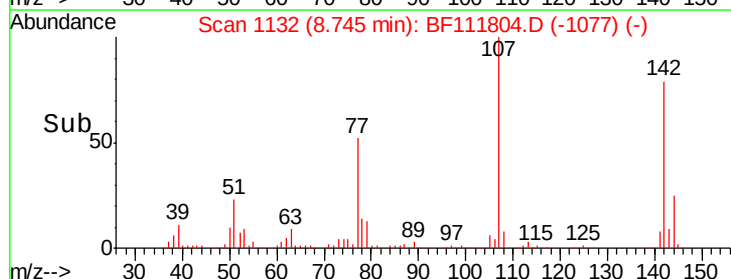
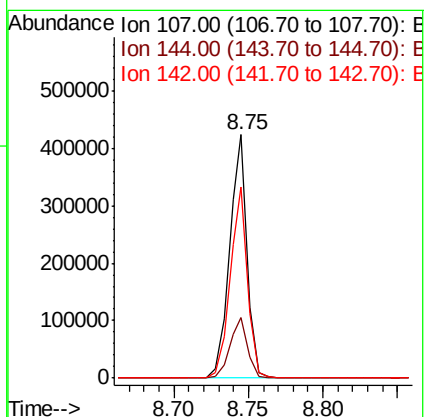
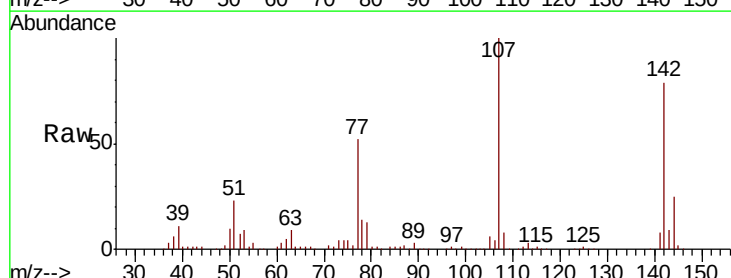
Instrument :
BNA_F
ClientSampleId :

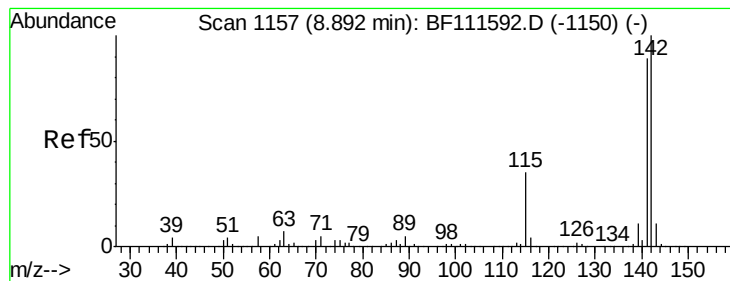
Tot Ion:113 Resp: 107871
Ion Ratio Lower Upper
113 100
55 177.6 184.1 224.1#
56 129.7 126.0 166.0



#36
4-Chloro-3-methylphenol
Concen: 38.345 ng
RT: 8.75 min Scan# 1132
Delta R.T. 0.02 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Tgt Ion:107 Resp: 351734
Ion Ratio Lower Upper
107 100
144 25.1 19.8 29.6
142 78.6 62.3 93.5





#37

2-Methylnaphthalene

Concen: 37.935 ng

RT: 8.90 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

Instrument :

BNA_F

ClientSampleId :

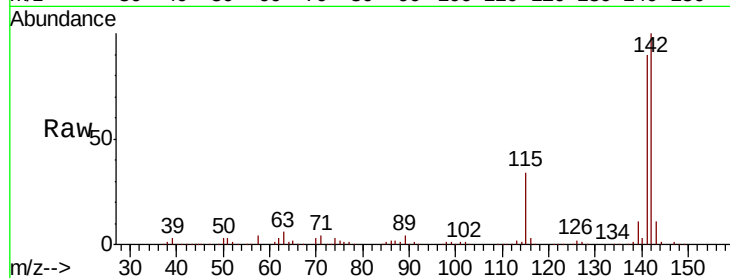
Tot Ion:142 Resp: 714688

Ion Ratio Lower Upper

142 100

141 90.3 70.6 105.8

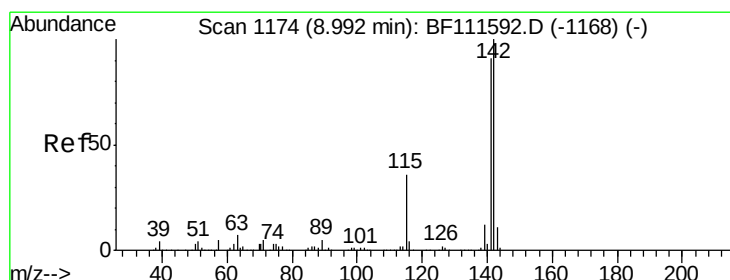
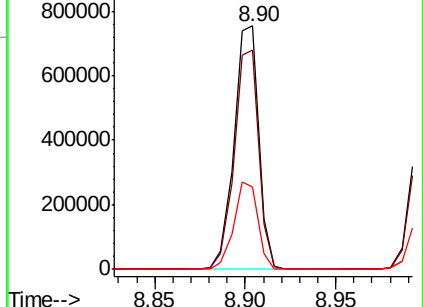
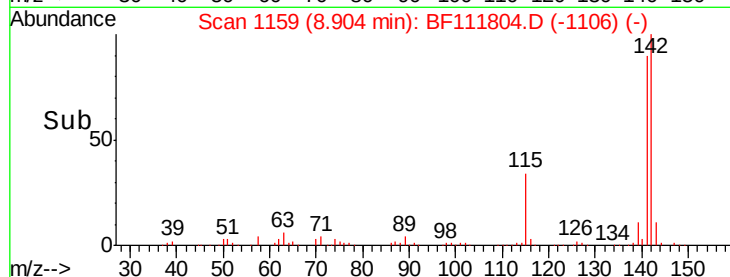
115 34.0 27.0 40.6



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: 38.527 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

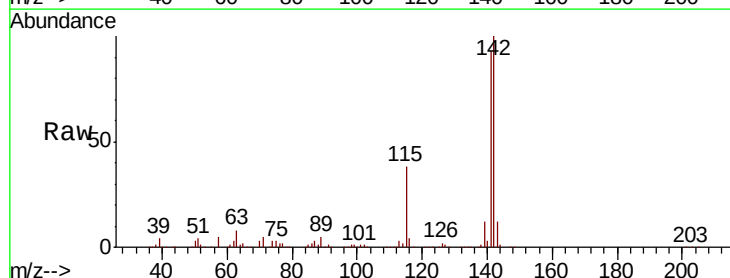
Tgt Ion:142 Resp: 697111

Ion Ratio Lower Upper

142 100

141 92.7 74.2 111.4

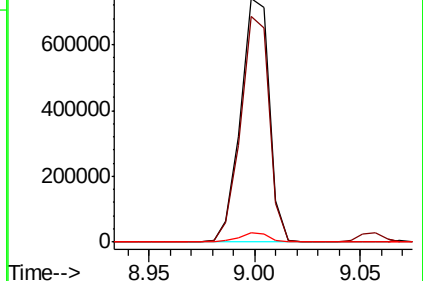
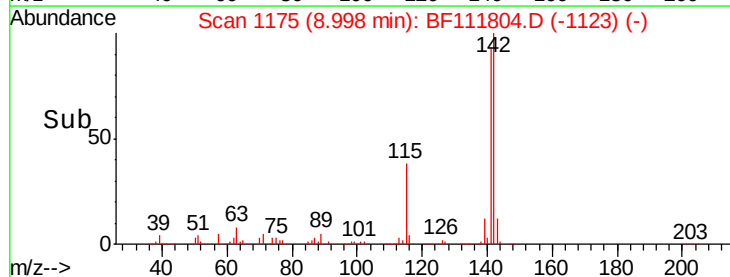
116 3.9 2.9 4.3

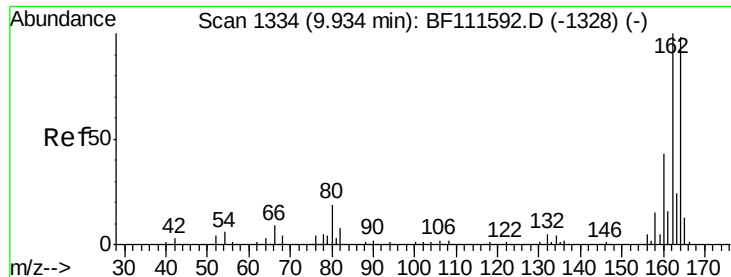


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

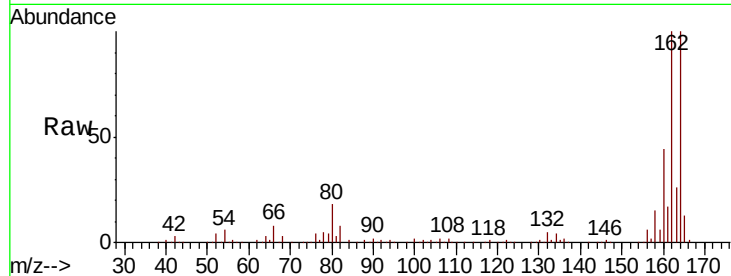




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.4	122.0
160	44.3	35.7	53.5

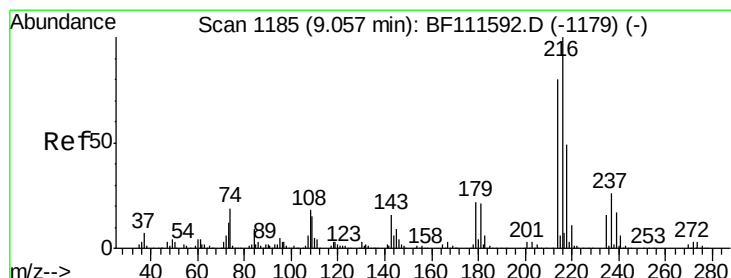
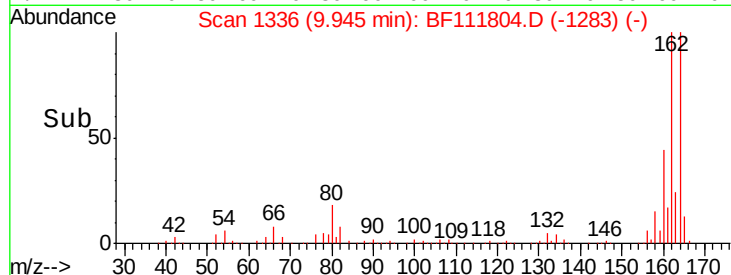
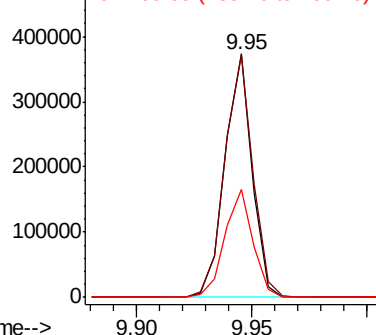


Abundance

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: 38.727 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.8	95.8
179	21.5	17.9	26.9
108	18.2	18.4	27.6#

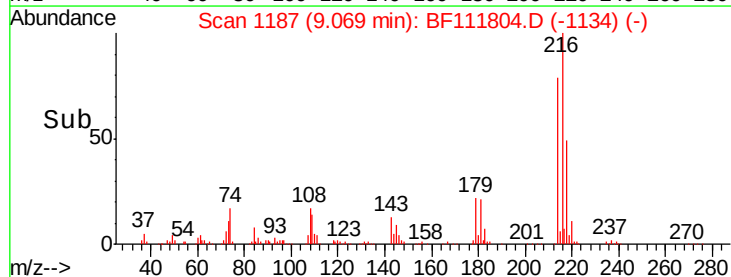
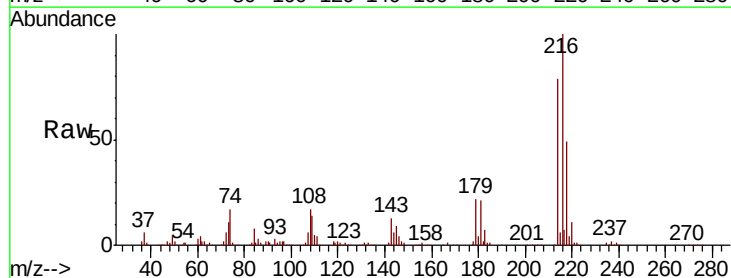
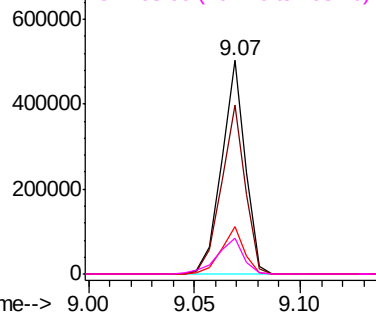
Abundance

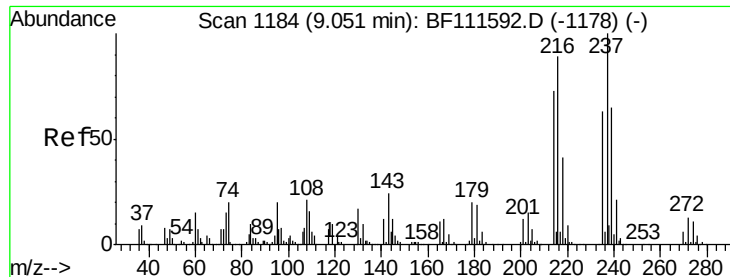
Ion 216.00 (215.70 to 216.70): E

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

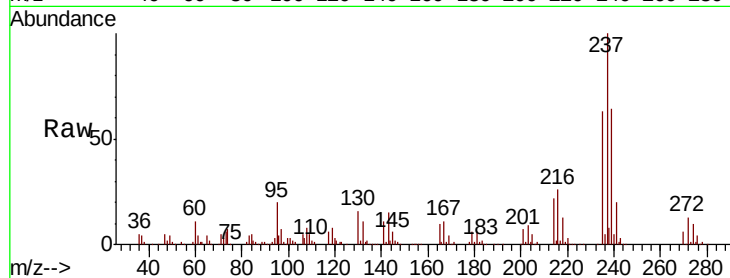




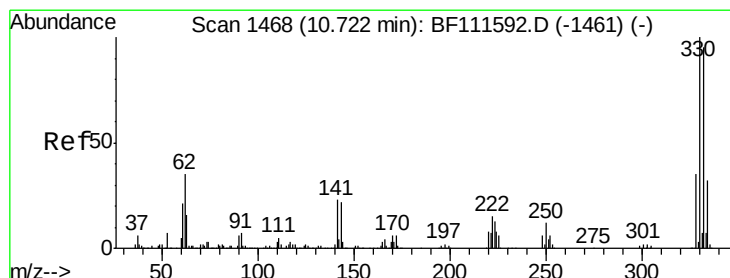
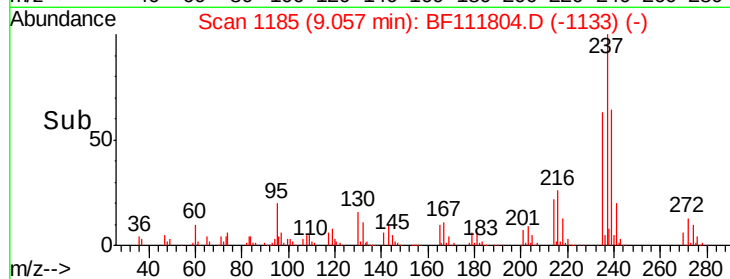
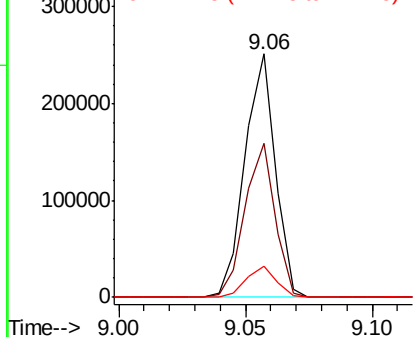
#41
Hexachlorocyclopentadiene
Concen: 42.829 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 209860
Ion Ratio Lower Upper
237 100
235 63.5 43.1 83.1
272 12.8 0.0 33.0

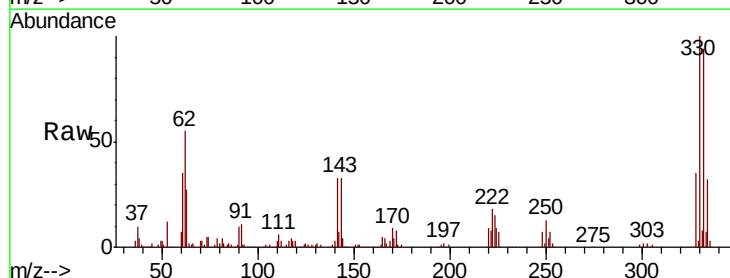


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

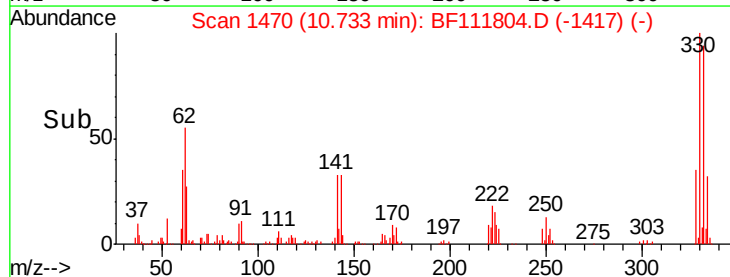
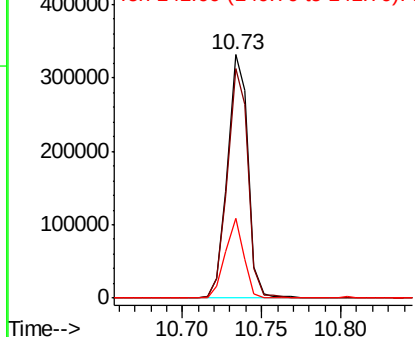


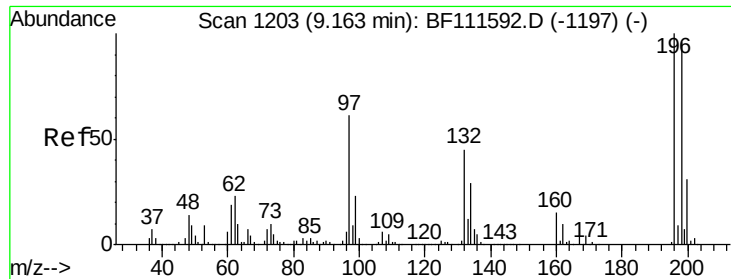
#42
2,4,6-Tribromophenol
Concen: 82.288 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Tgt Ion:330 Resp: 298774
Ion Ratio Lower Upper
330 100
332 94.5 76.0 114.0
141 29.5 31.0 46.6#



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

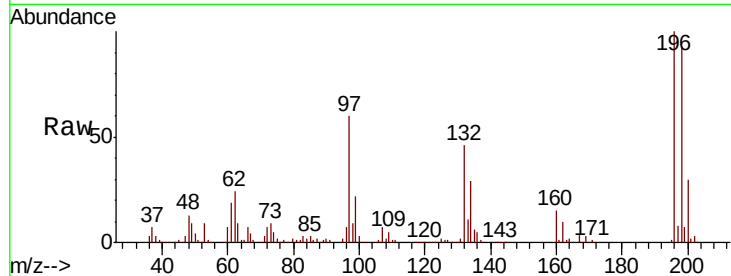




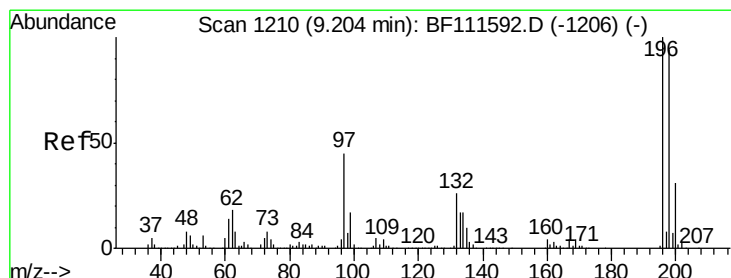
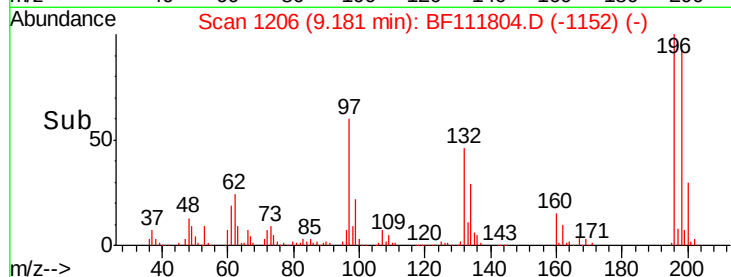
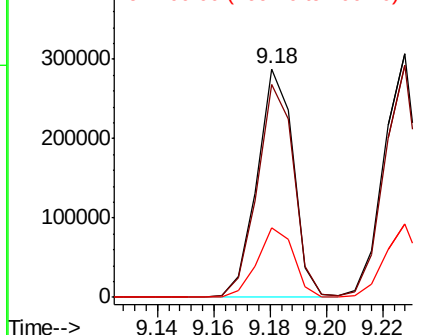
#43
 2,4,6-Trichlorophenol
 Concen: 38.144 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.02 min
 Lab File: BF111804.D
 Acq: 2 Jan 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 257152
 Ion Ratio Lower Upper
 196 100
 198 93.4 76.3 114.5
 200 30.2 24.9 37.3



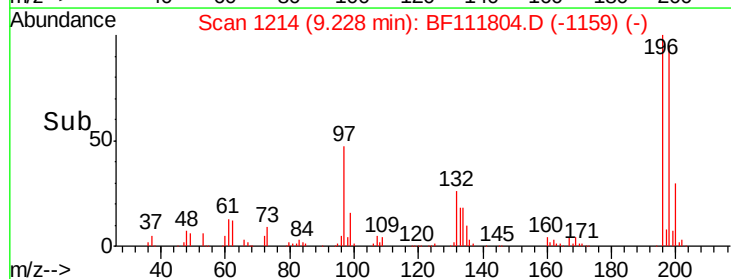
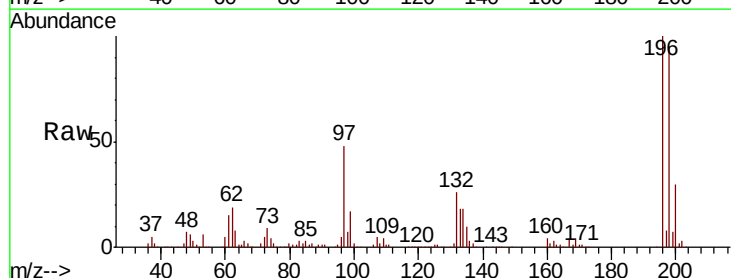
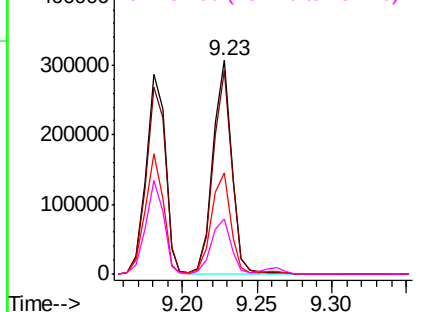
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

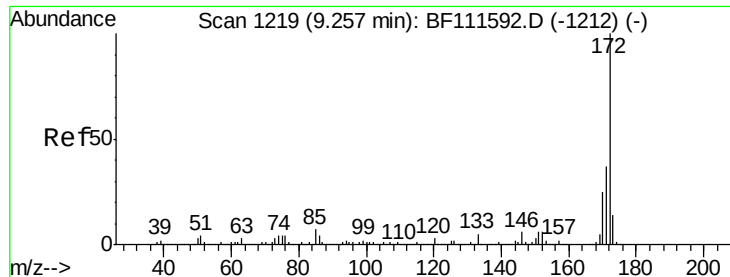


#44
 2,4,5-Trichlorophenol
 Concen: 38.762 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.02 min
 Lab File: BF111804.D
 Acq: 2 Jan 2019 12:00

Tgt Ion:196 Resp: 268085
 Ion Ratio Lower Upper
 196 100
 198 95.4 72.9 109.3
 97 47.6 45.3 67.9
 132 25.9 25.5 38.3

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

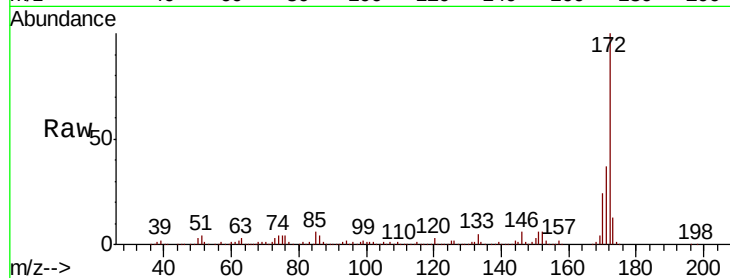




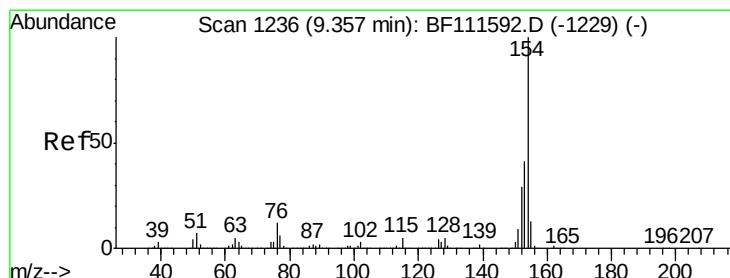
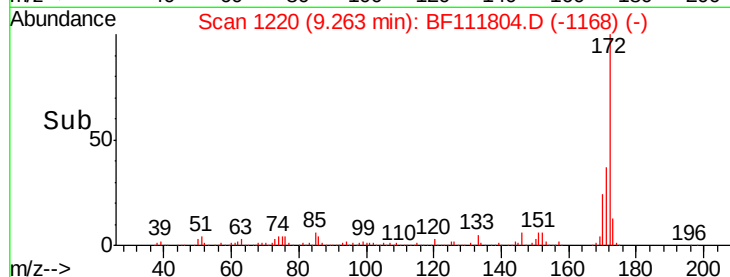
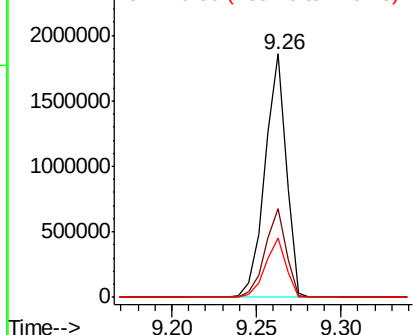
#45
2-Fluorobiphenyl
Concen: 76.584 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1614540
Ion Ratio Lower Upper
172 100
171 36.7 33.0 49.4
170 24.3 22.3 33.5

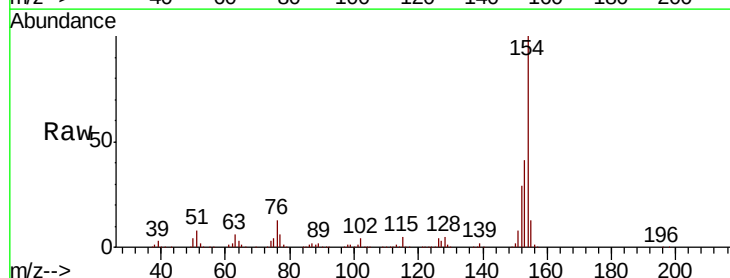


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

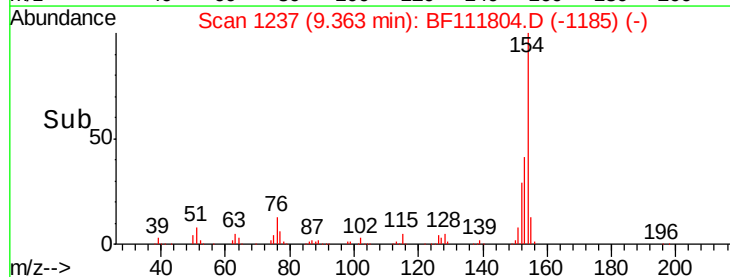
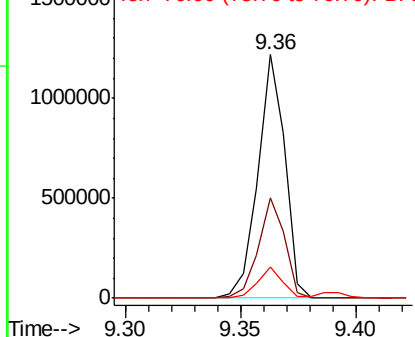


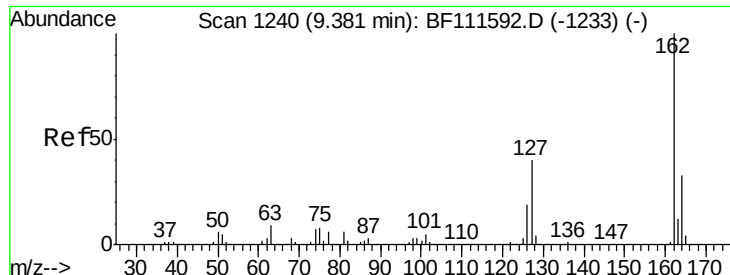
#46
1,1'-Biphenyl
Concen: 38.245 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Tgt Ion:154 Resp: 992047
Ion Ratio Lower Upper
154 100
153 41.4 23.7 63.7
76 12.8 0.0 35.0



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

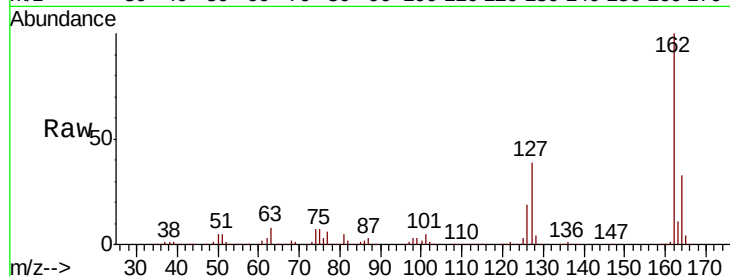




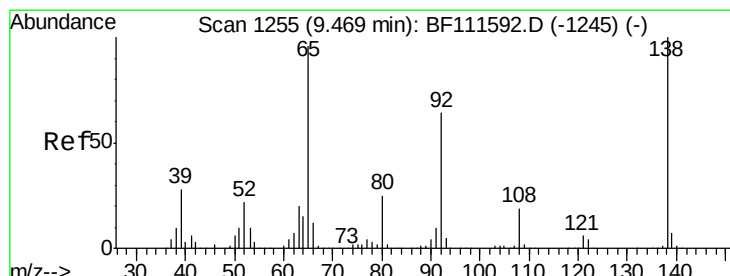
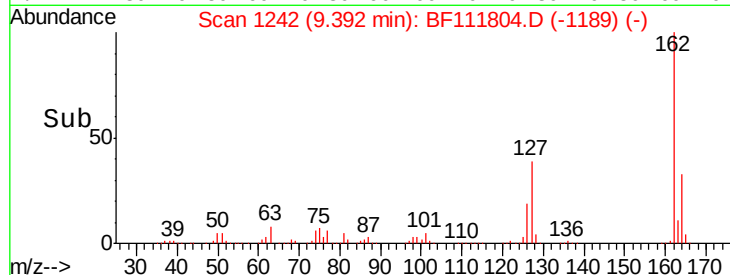
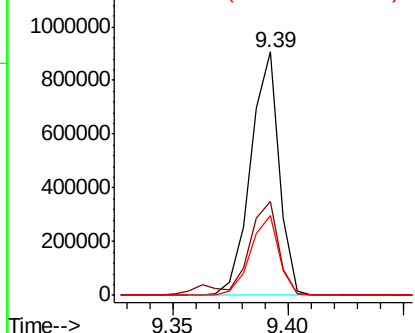
#47
 2-Chloronaphthalene
 Concen: 38.031 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BF111804.D
 Acq: 2 Jan 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 781609
 Ion Ratio Lower Upper
 162 100
 127 38.7 35.0 52.4
 164 32.9 28.4 42.6

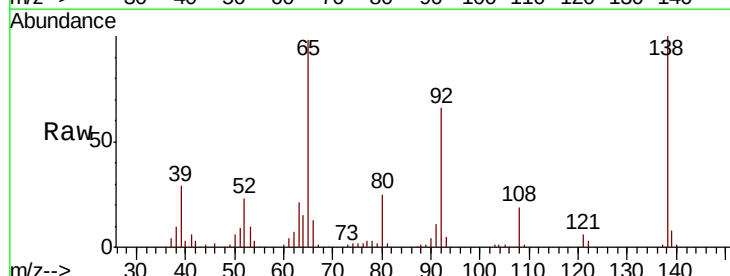


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

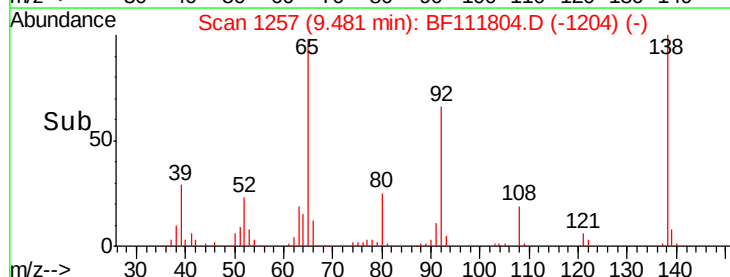
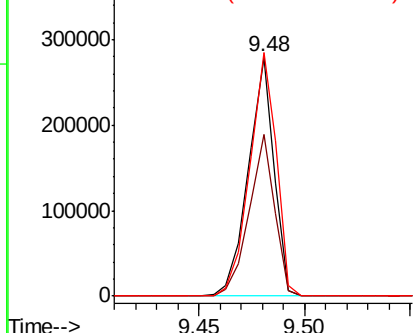


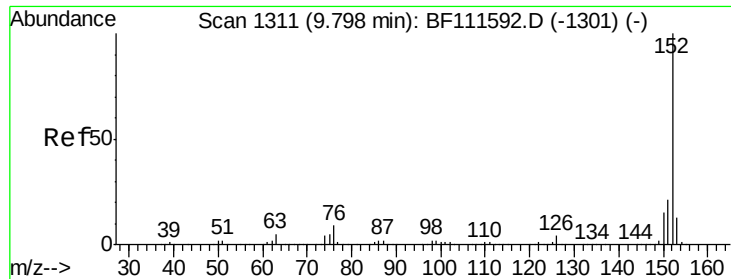
#48
 2-Nitroaniline
 Concen: 44.235 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BF111804.D
 Acq: 2 Jan 2019 12:00

Tgt Ion: 65 Resp: 236502
 Ion Ratio Lower Upper
 65 100
 92 67.6 53.5 80.3
 138 102.0 80.9 121.3



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: 38.248 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

Instrument :

BNA_F

ClientSampleId :

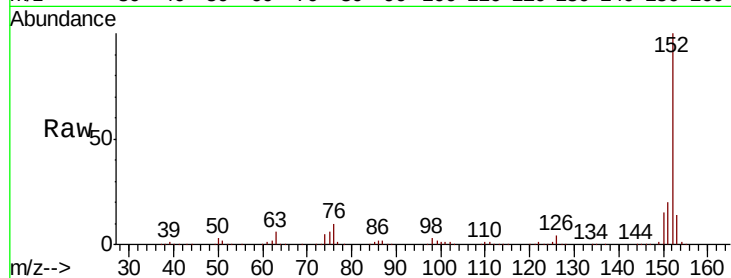
Tot Ion:152 Resp: 1147708

Ion Ratio Lower Upper

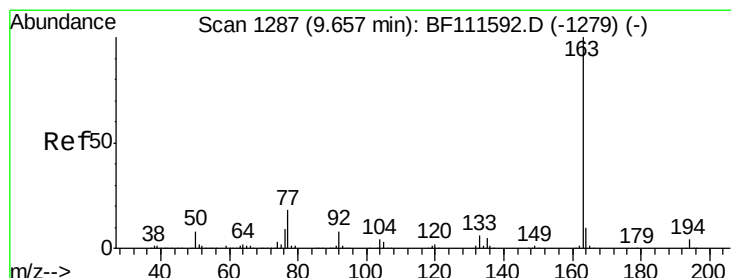
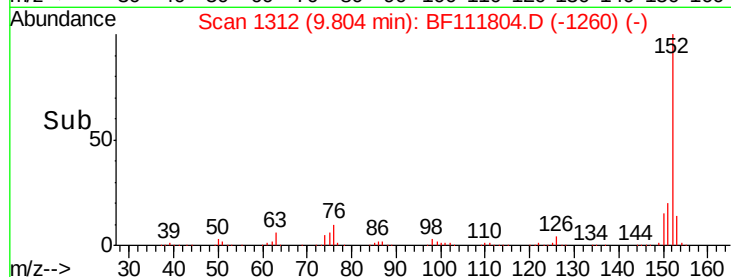
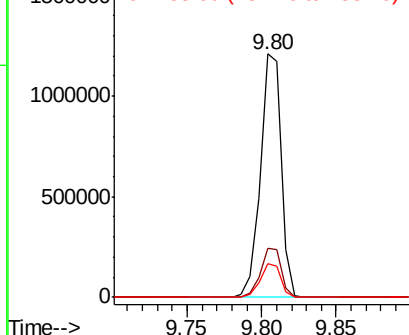
152 100

151 20.3 18.0 27.0

153 13.6 12.3 18.5



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: 39.233 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

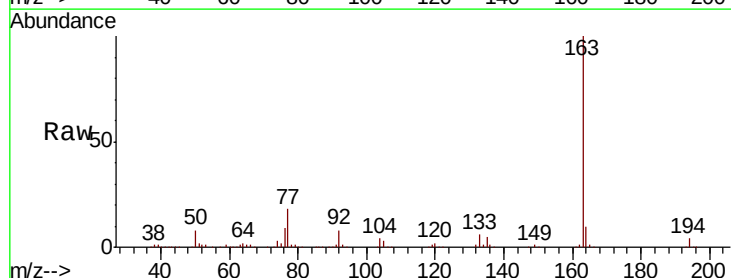
Tgt Ion:163 Resp: 881596

Ion Ratio Lower Upper

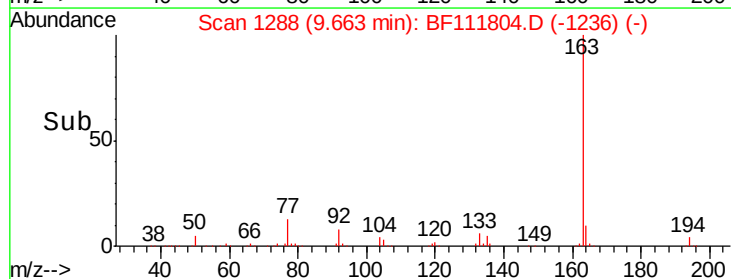
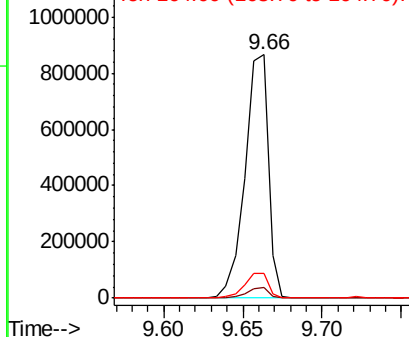
163 100

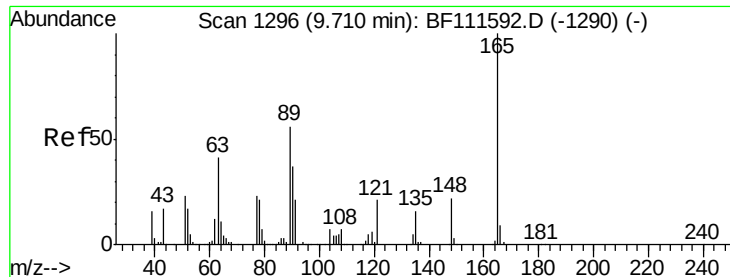
194 4.3 3.0 4.6

164 10.0 8.9 13.3



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

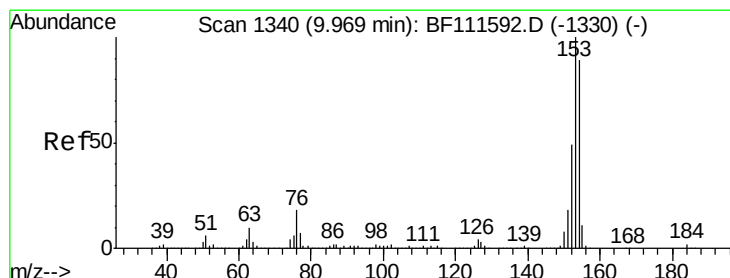
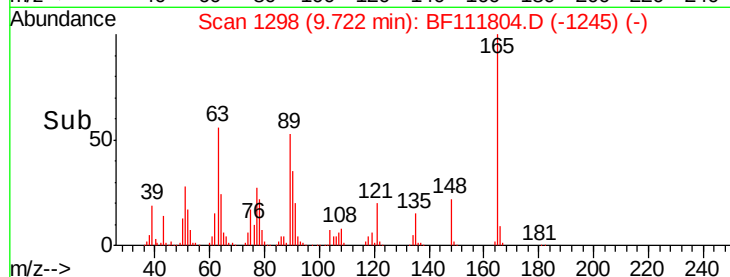
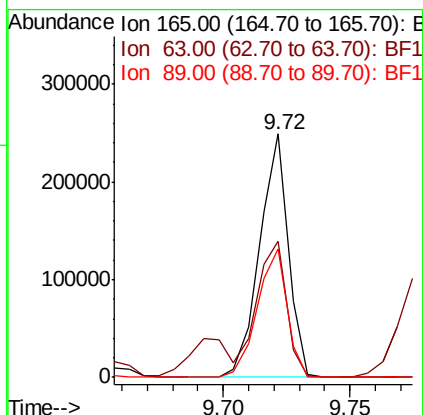
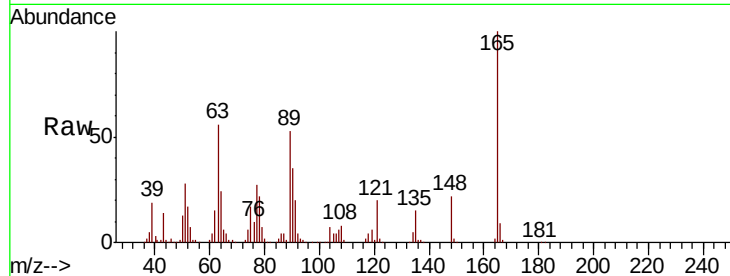




#51
 2,6-Dinitrotoluene
 Concen: 43.996 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.01 min
 Lab File: BF111804.D
 Acq: 2 Jan 2019 12:00

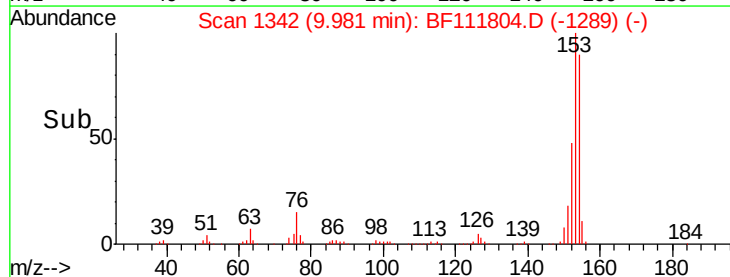
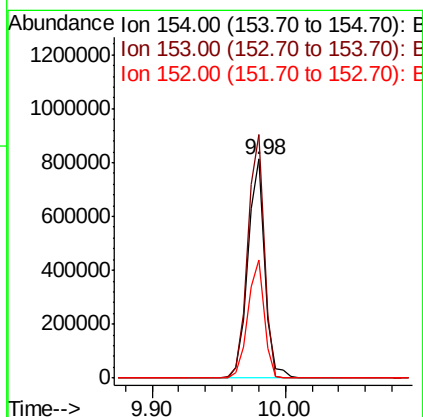
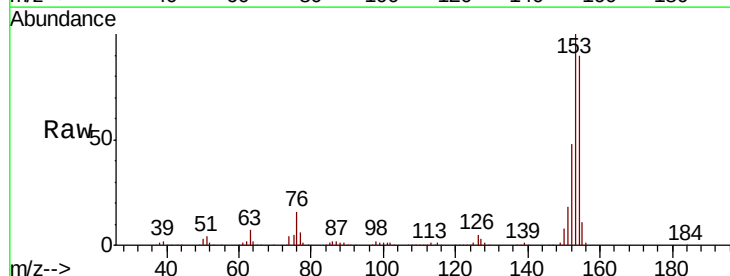
Instrument :
 BNA_F
 ClientSampled :

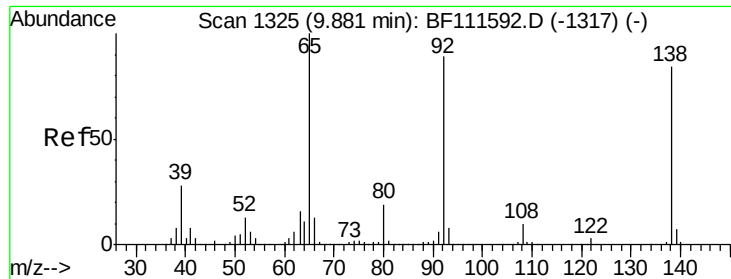
Tot Ion:165 Resp: 197130
 Ion Ratio Lower Upper
 165 100
 63 56.0 40.5 60.7
 89 53.0 40.0 60.0



#52
 Acenaphthene
 Concen: 38.010 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF111804.D
 Acq: 2 Jan 2019 12:00

Tgt Ion:154 Resp: 703453
 Ion Ratio Lower Upper
 154 100
 153 111.2 87.8 131.8
 152 53.9 43.4 65.2

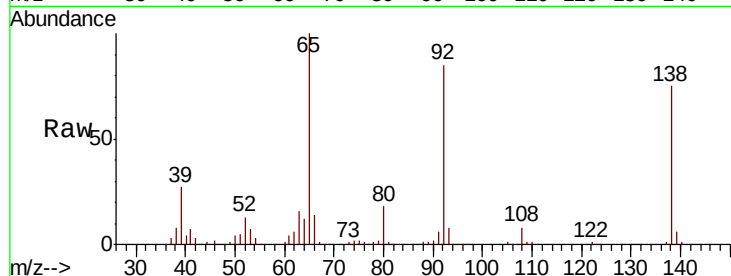




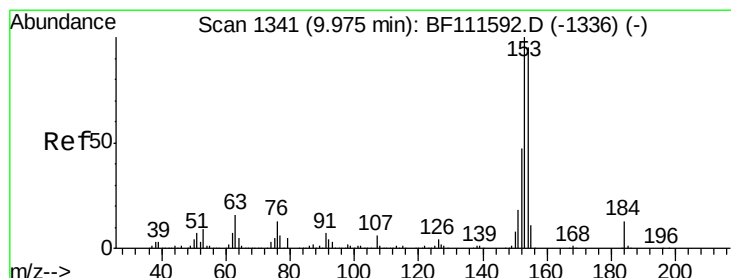
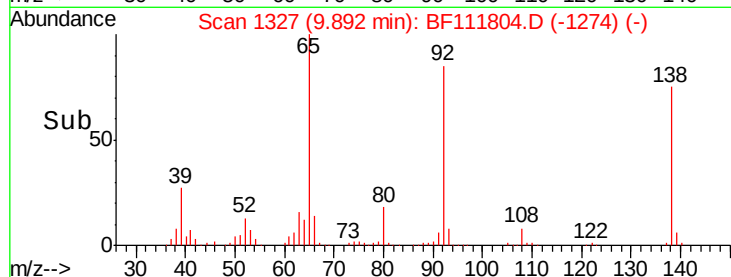
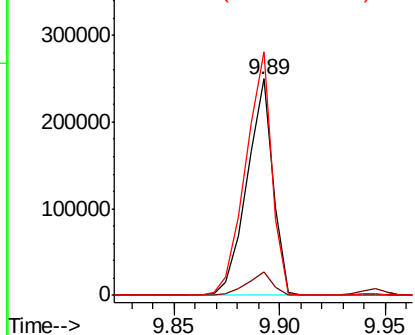
#53
3-Nitroaniline
Concen: 44.692 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 213565
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.4
92 112.5 93.4 140.2

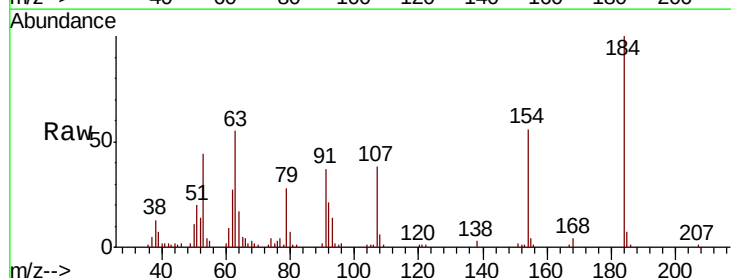


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

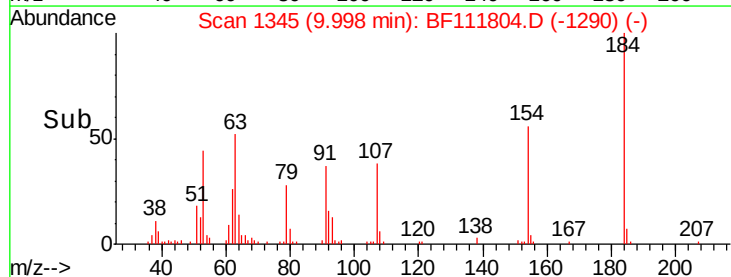
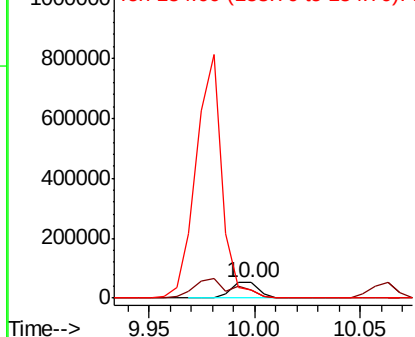


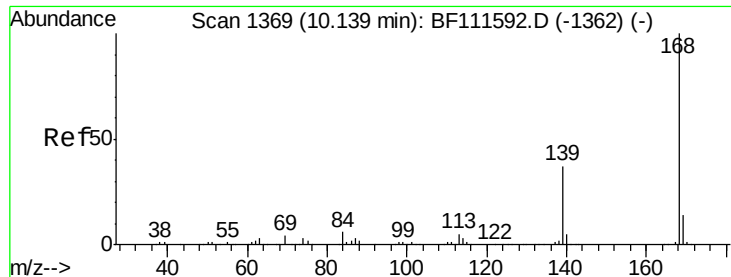
#54
2,4-Dinitrophenol
Concen: 37.775 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.02 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Tgt Ion:184 Resp: 48216
Ion Ratio Lower Upper
184 100
63 55.4 62.3 93.5#
154 56.2 56.2 84.2



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

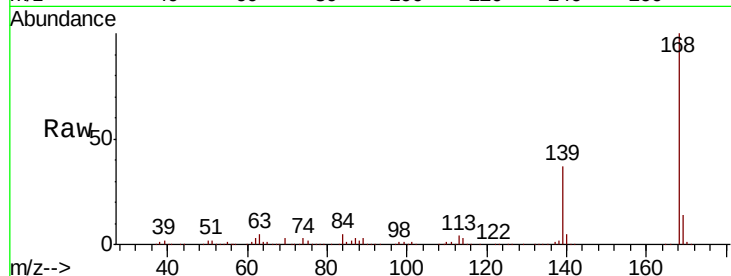




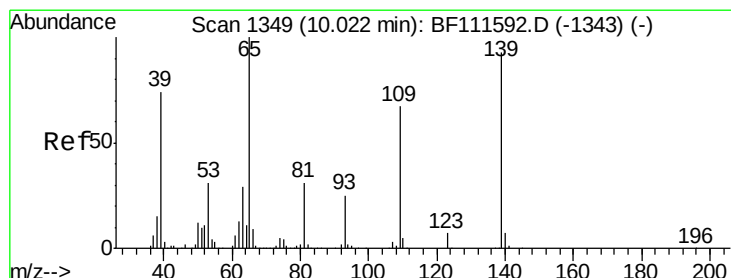
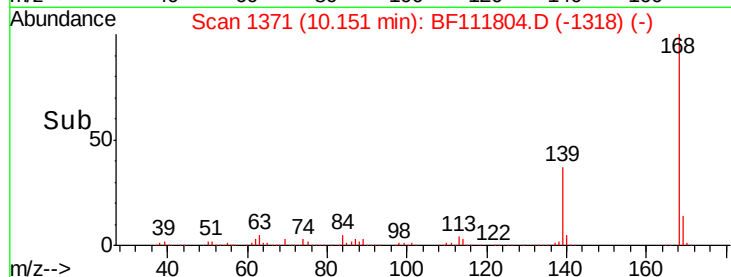
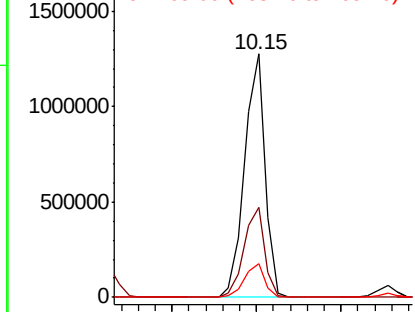
#55
Dibenzenofuran
Concen: 38.609 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1079506
Ion Ratio Lower Upper
168 100
139 37.0 32.6 49.0
169 13.7 11.8 17.6

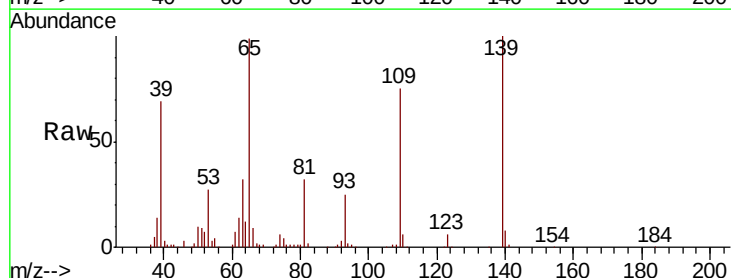


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

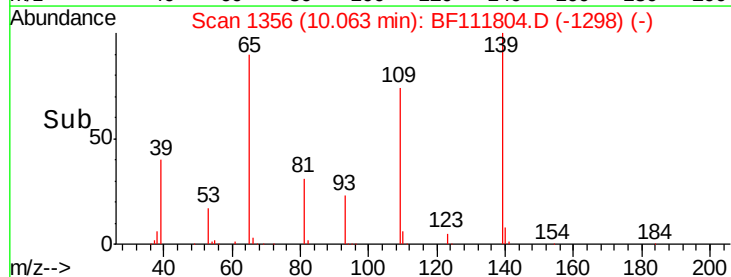
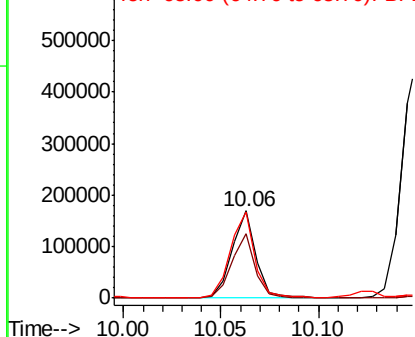


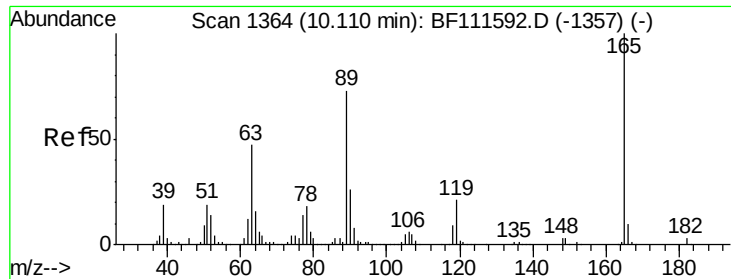
#56
4-Nitrophenol
Concen: 39.427 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.04 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Tgt Ion:139 Resp: 143785
Ion Ratio Lower Upper
139 100
109 74.6 41.8 81.8
65 98.6 79.6 119.6



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

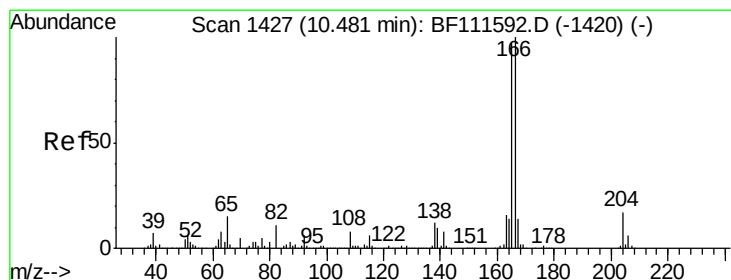
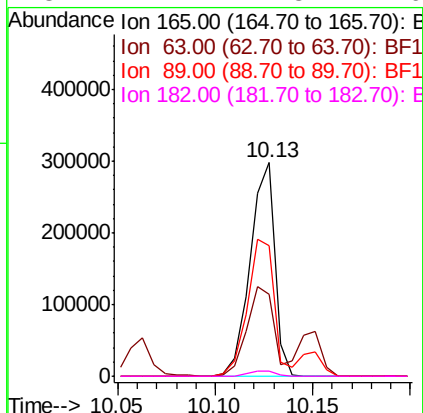
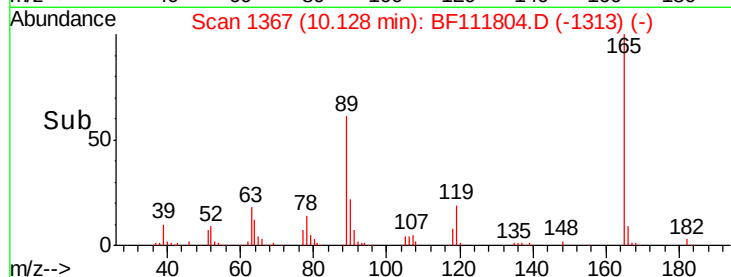
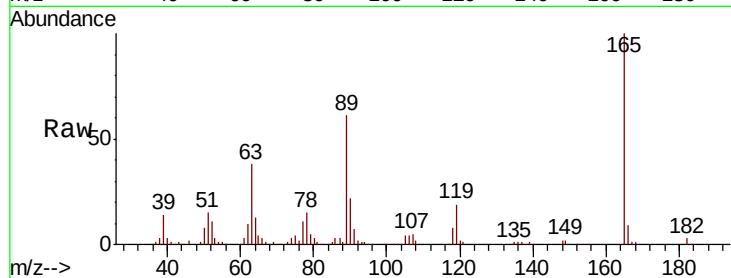




#57
2,4-Dinitrotoluene
Concen: 48.447 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

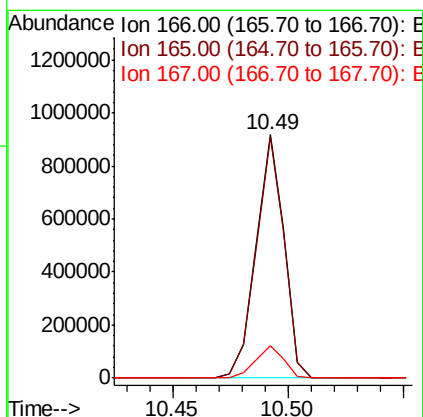
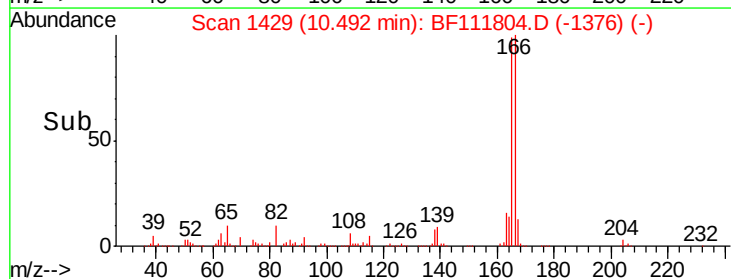
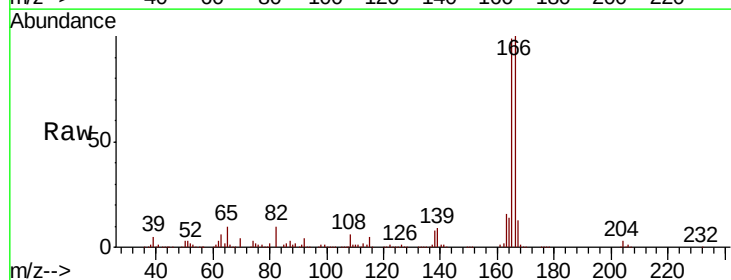
Instrument :
BNA_F
ClientSampled :

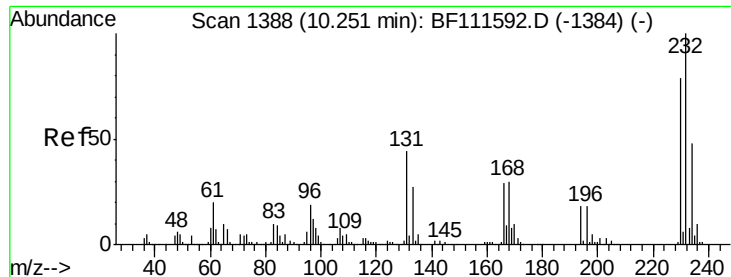
Tot Ion	Ratio	Lower	Upper
165	100		
63	38.1	34.6	52.0
89	61.1	56.2	84.4
182	2.7	1.8	2.6



#58
Fluorene
Concen: 38.660 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.4	117.6
167	13.3	11.2	16.8

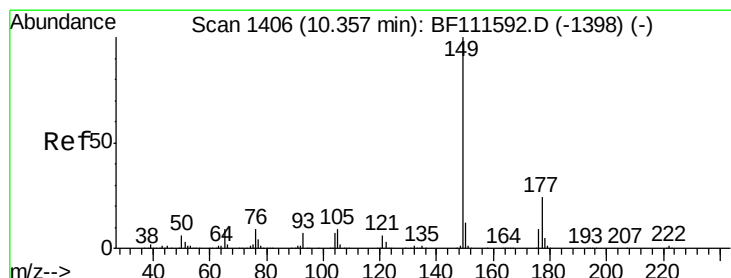
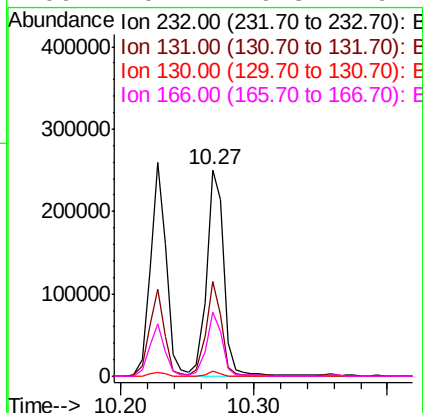
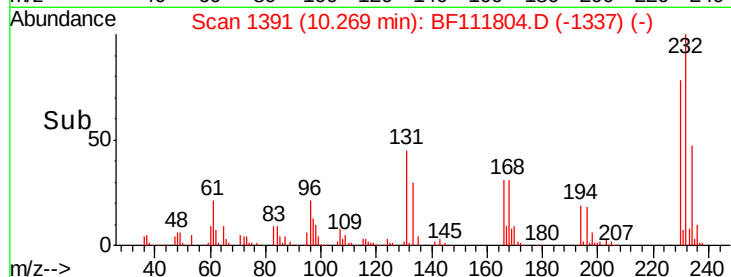
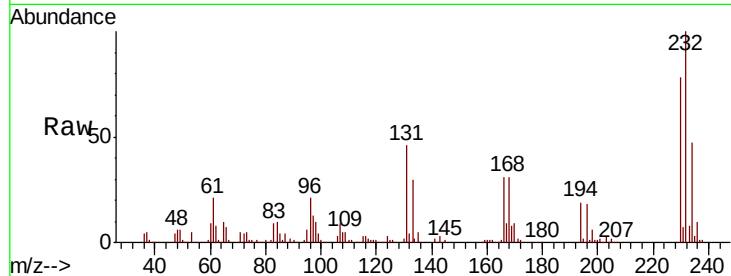




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.338 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.02 min
 Lab File: BF111804.D
 Acq: 2 Jan 2019 12:00

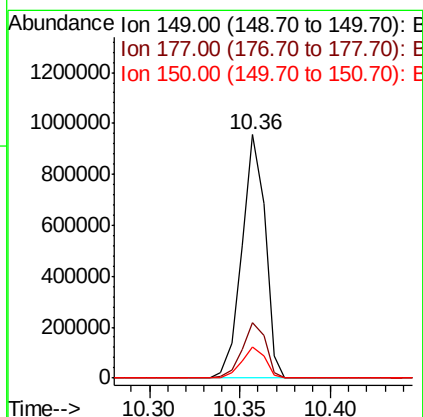
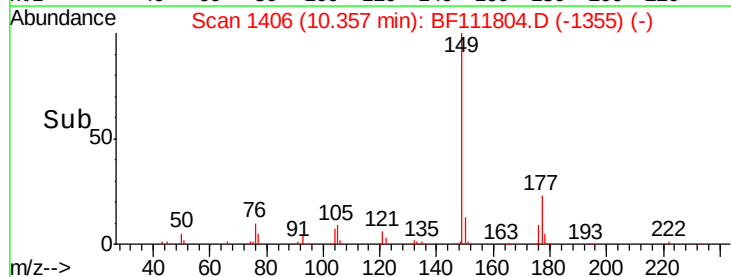
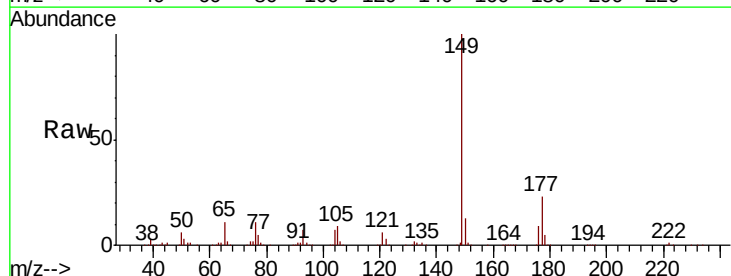
Instrument :
 BNA_F
 ClientSampleId :

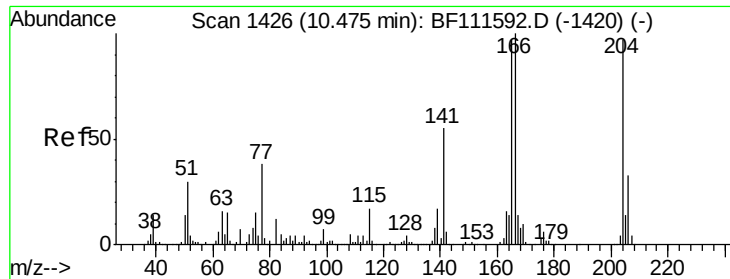
Tot Ion:232	Resp:	223141
Ion Ratio	Lower	Upper
232	100	
131	42.3	40.9 61.3
130	2.1	2.0 3.0
166	29.1	26.8 40.2



#60
 Diethylphthalate
 Concen: 38.682 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF111804.D
 Acq: 2 Jan 2019 12:00

Tgt Ion:149	Resp:	852638
Ion Ratio	Lower	Upper
149	100	
177	22.9	18.3 27.5
150	12.6	10.6 15.8

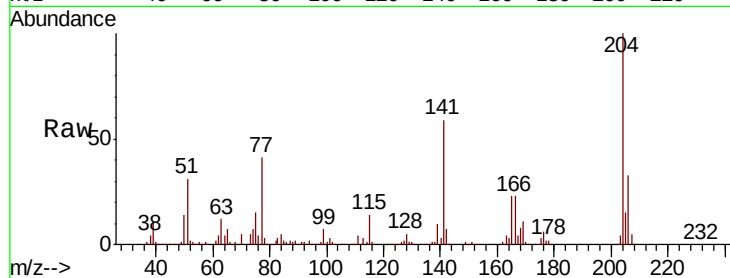




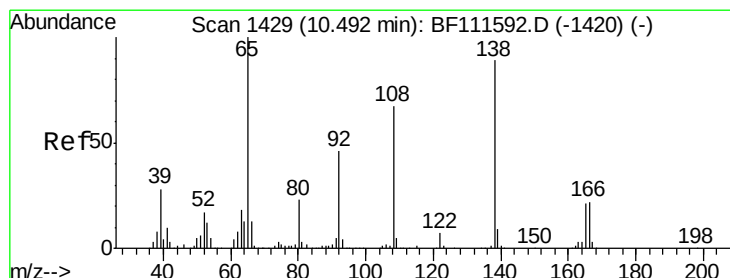
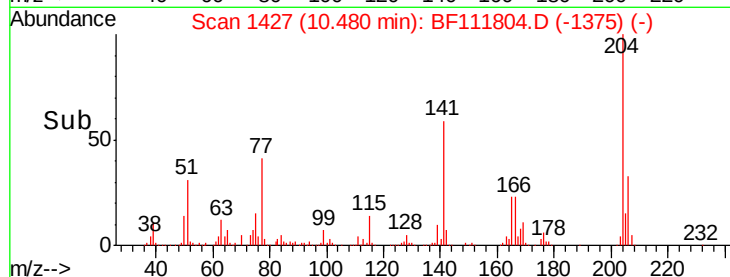
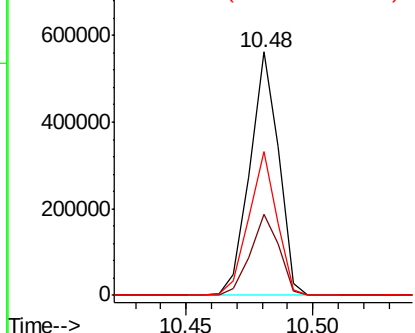
#61
4-Chlorophenyl-phenylether
Concen: 39.987 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 445113
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 59.2 52.6 78.8

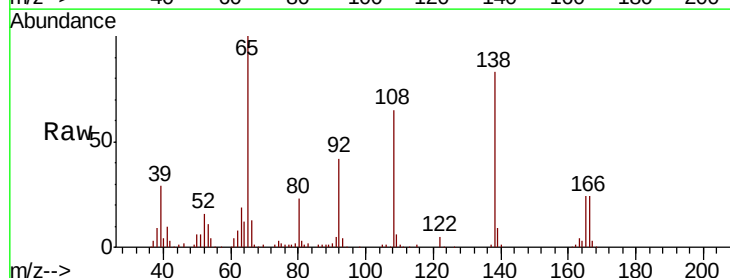


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

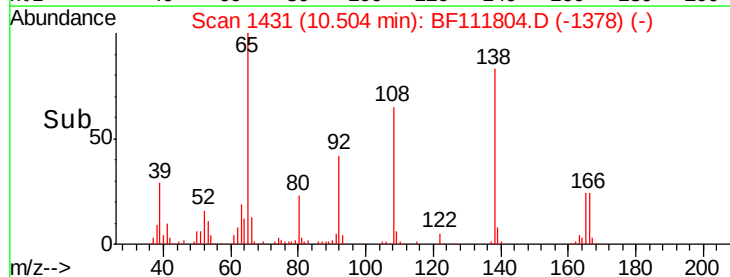
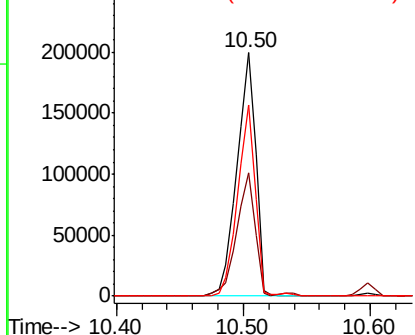


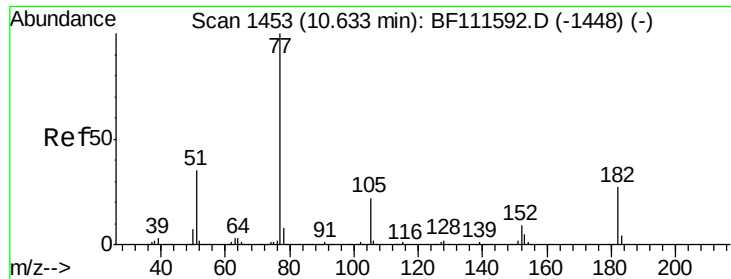
#62
4-Nitroaniline
Concen: 43.562 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Tgt Ion:138 Resp: 202322
Ion Ratio Lower Upper
138 100
92 50.9 29.9 69.9
108 78.5 43.2 83.2



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: 37.762 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

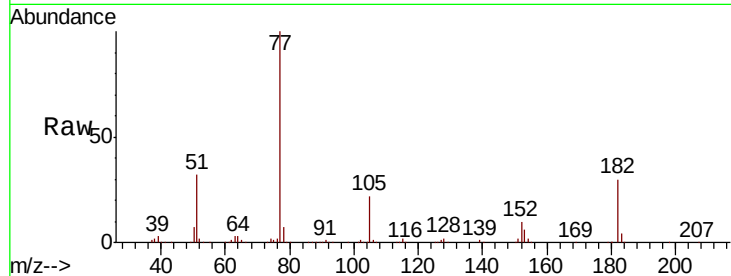
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 835645

Ion	Ratio	Lower	Upper
77	100		
182	30.1	4.9	44.9
105	21.5	6.0	46.0
51	32.1	14.7	54.7

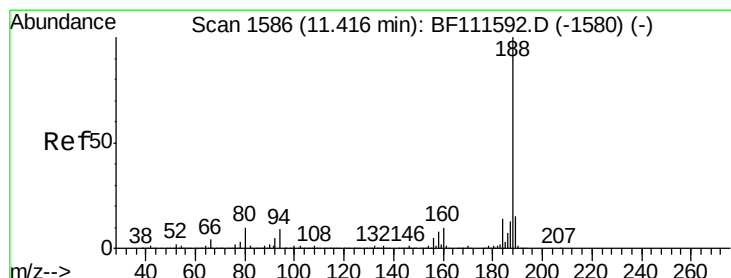
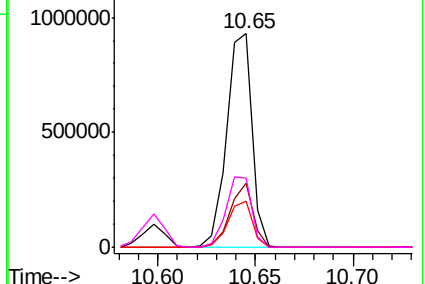
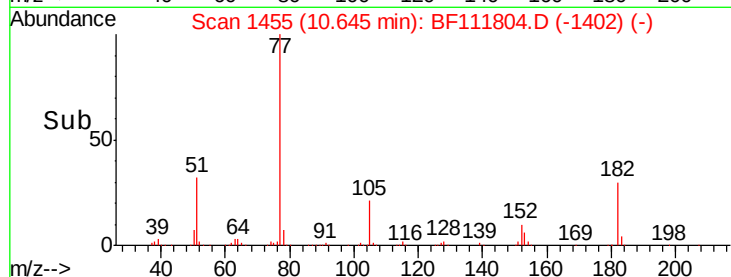


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.43 min Scan# 1588

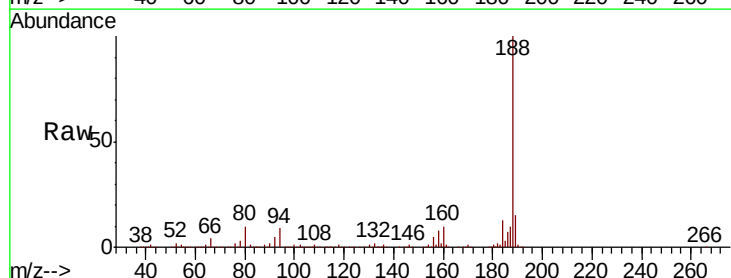
Delta R.T. 0.01 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

Tgt Ion: 188 Resp: 584498

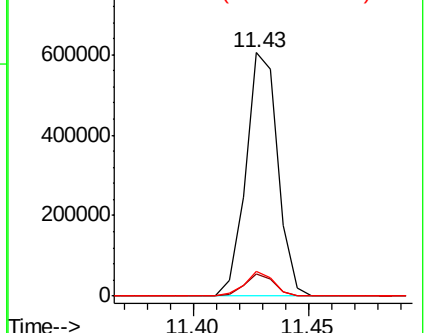
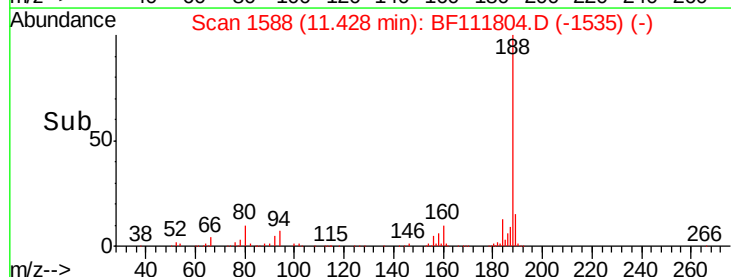
Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.6	14.4#
80	10.0	9.8	14.6

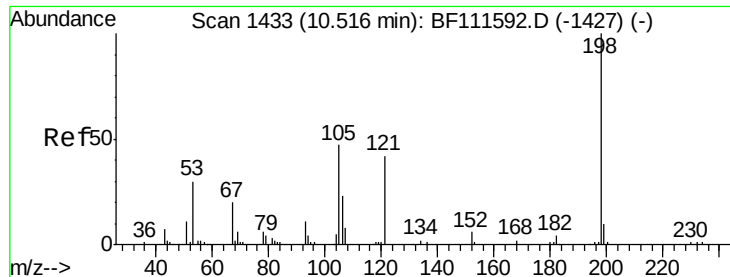


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

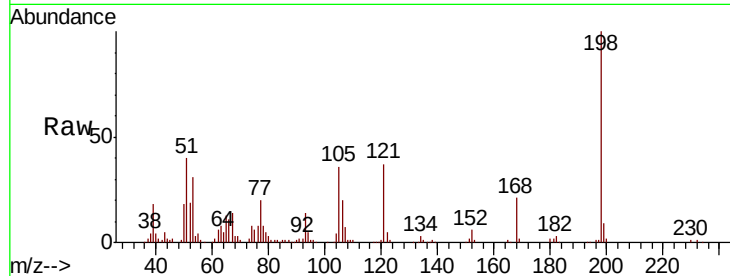




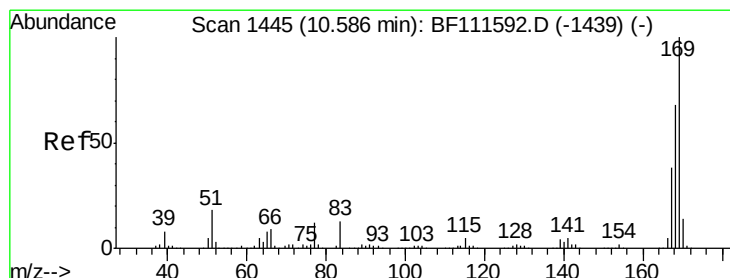
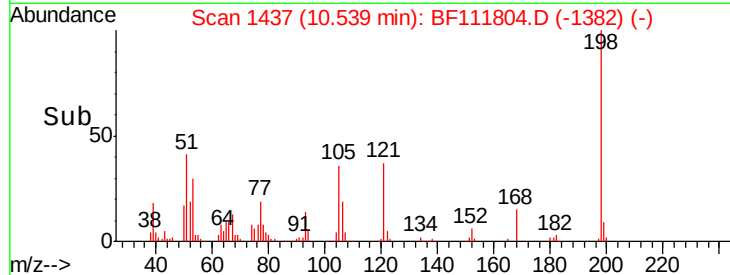
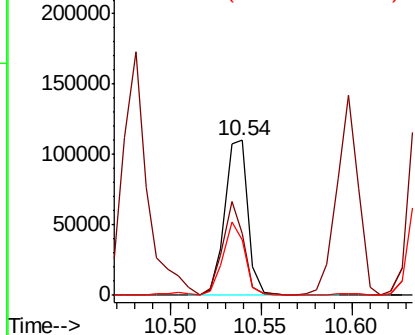
#65
4,6-Dinitro-2-methylphenol
Concen: 41.887 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.02 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 98793
Ion Ratio Lower Upper
198 100
51 40.3 48.0 88.0#
105 36.0 34.0 74.0

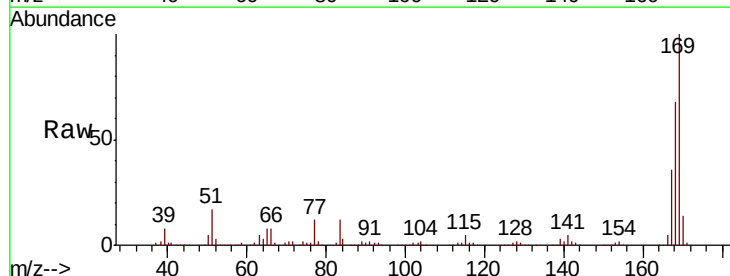


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

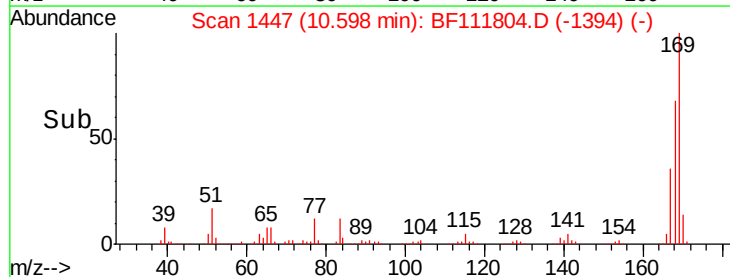
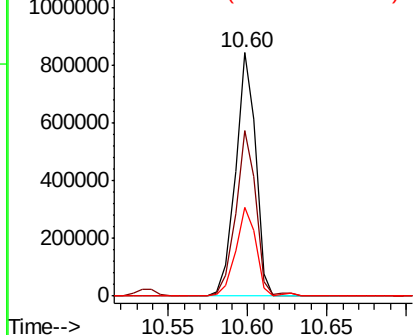


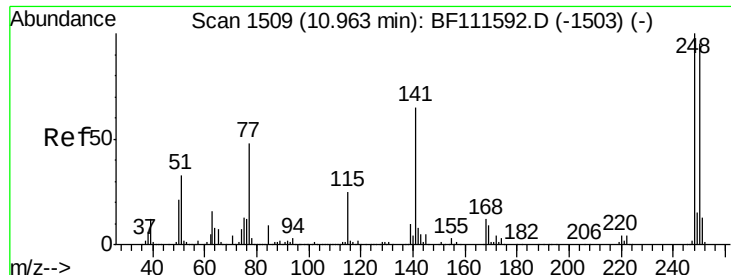
#66
n-Nitrosodiphenylamine
Concen: 37.658 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Tgt Ion:169 Resp: 738875
Ion Ratio Lower Upper
169 100
168 68.0 54.4 81.6
167 36.4 30.5 45.7



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

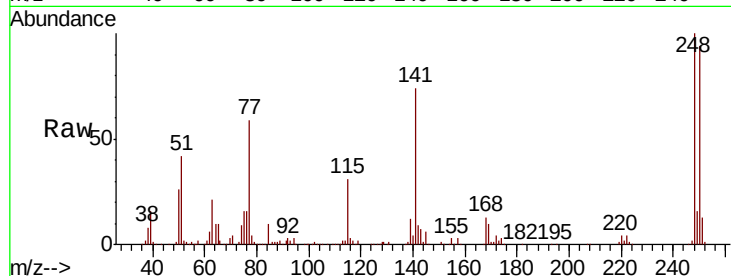




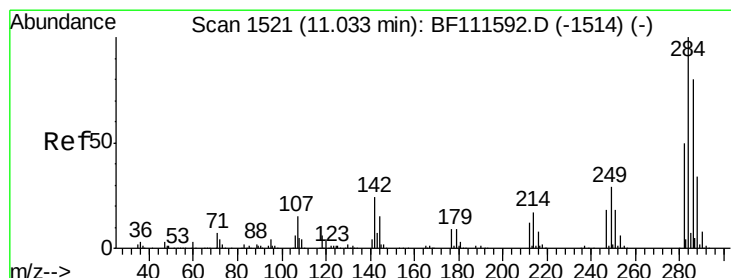
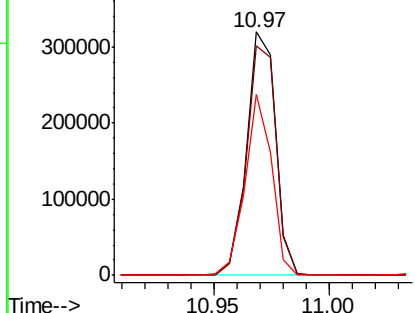
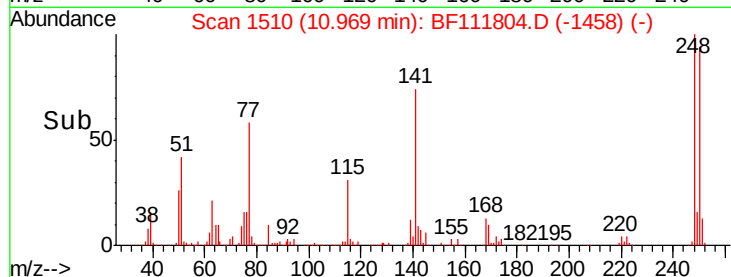
#67
 4-Bromophenyl-phenylether
 Concen: 38.801 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF111804.D
 Acq: 2 Jan 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 281292
 Ion Ratio Lower Upper
 248 100
 250 94.3 77.0 115.4
 141 74.4 63.0 94.6

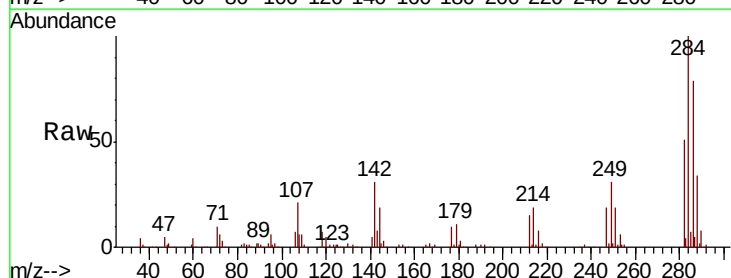


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

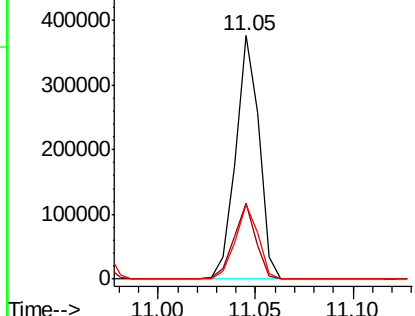
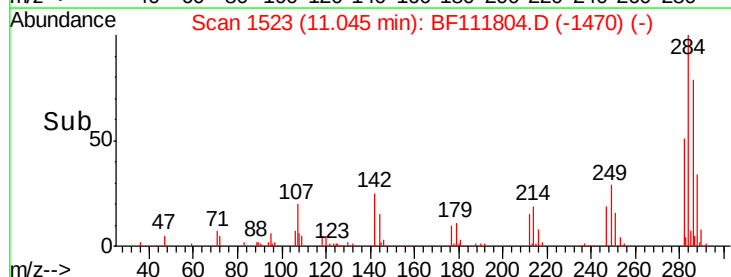


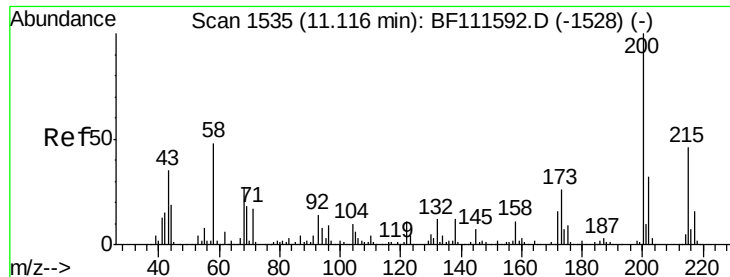
#68
 Hexachlorobenzene
 Concen: 38.611 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF111804.D
 Acq: 2 Jan 2019 12:00

Tgt Ion:284 Resp: 312101
 Ion Ratio Lower Upper
 284 100
 142 31.0 27.4 41.2
 249 30.6 24.4 36.6



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

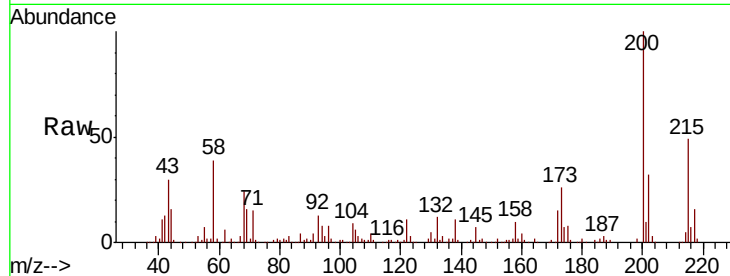




#69
 Atrazine
 Concen: 37.156 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: BF111804.D
 Acq: 2 Jan 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	10.1	50.1
215	49.2	26.9	66.9

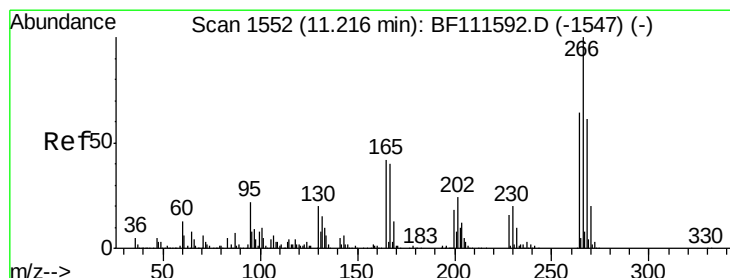
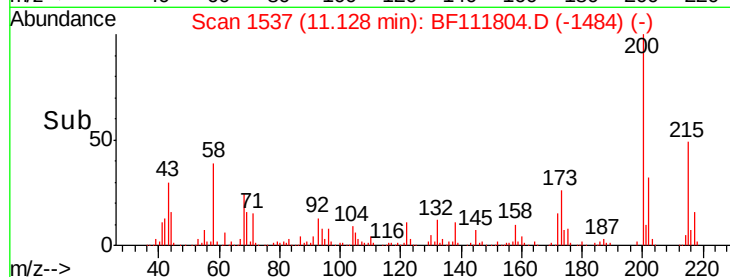
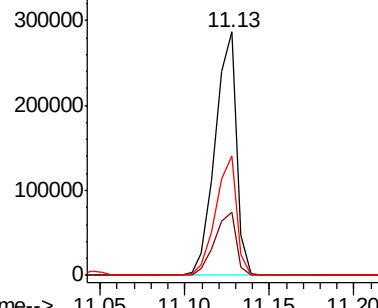


Abundance

Ion 200.00 (199.70 to 200.70): E

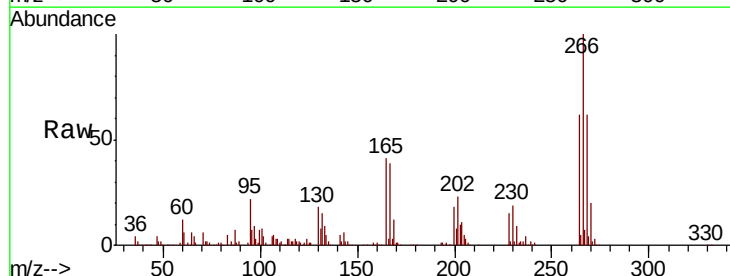
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 37.412 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.02 min
 Lab File: BF111804.D
 Acq: 2 Jan 2019 12:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	47.9	71.9
264	61.8	49.1	73.7

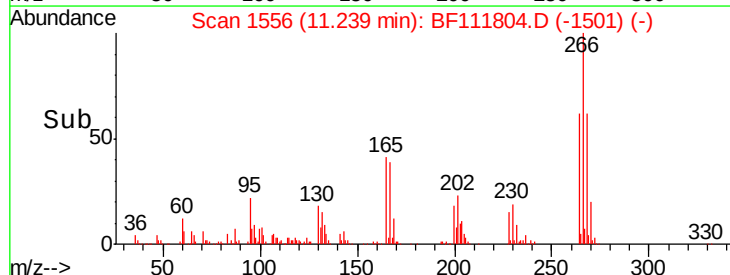
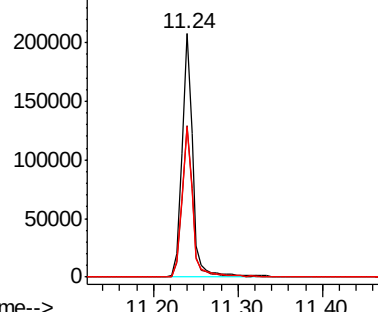


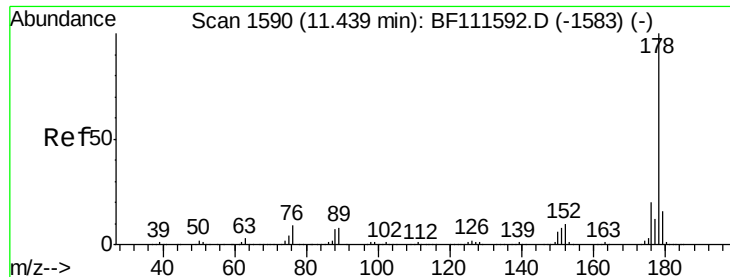
Abundance

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

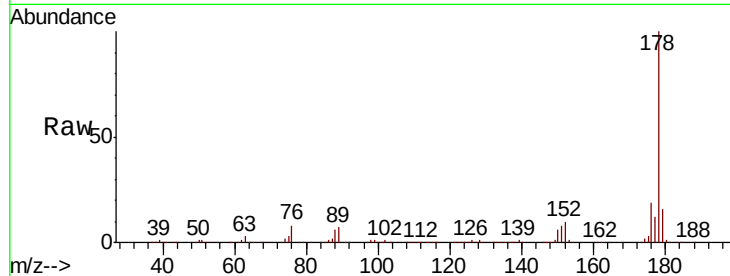




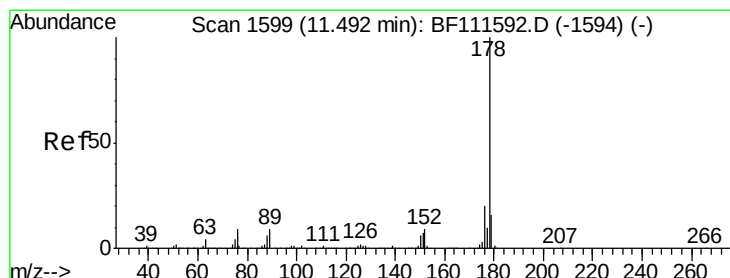
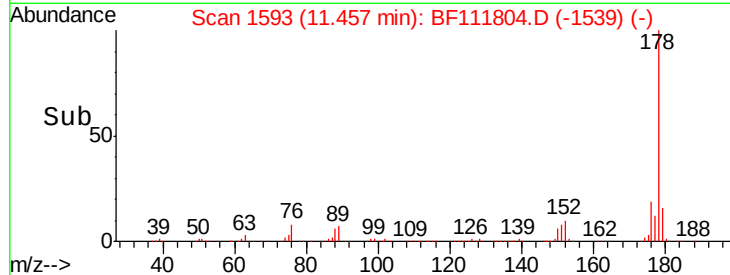
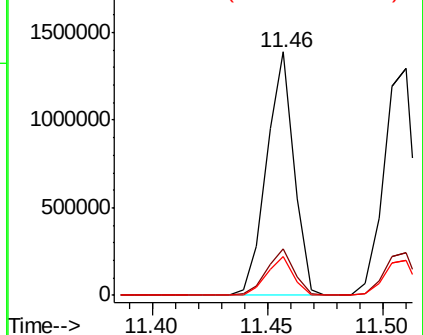
#71
Phenanthrene
Concen: 37.004 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.02 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1147044
Ion Ratio Lower Upper
178 100
176 19.0 18.1 27.1
179 15.8 14.0 21.0

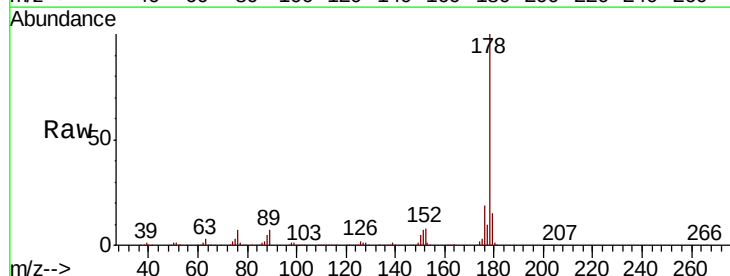


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

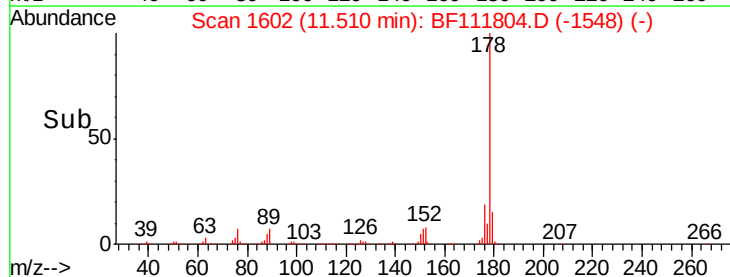
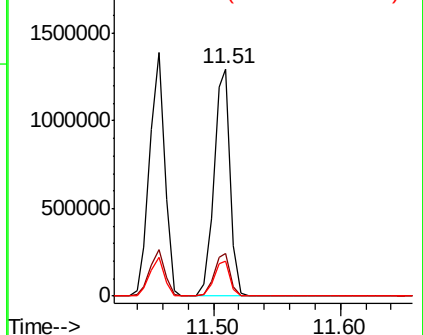


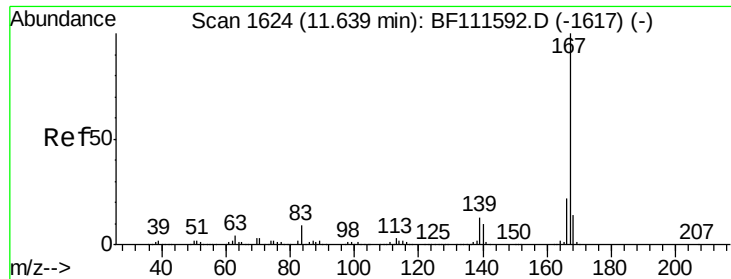
#72
Anthracene
Concen: 37.539 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.02 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Tgt Ion:178 Resp: 1167999
Ion Ratio Lower Upper
178 100
176 18.9 17.2 25.8
179 15.4 13.8 20.8



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

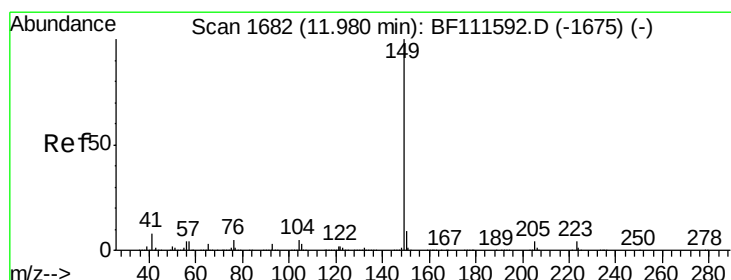
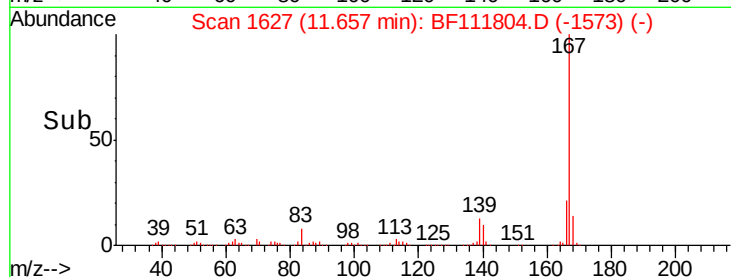
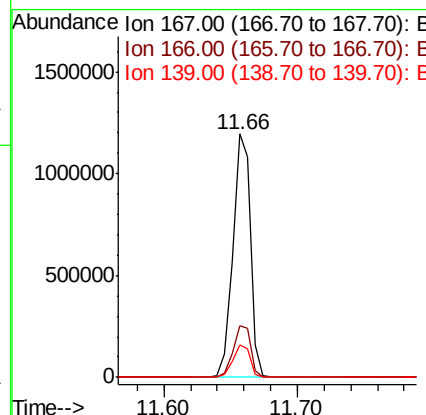
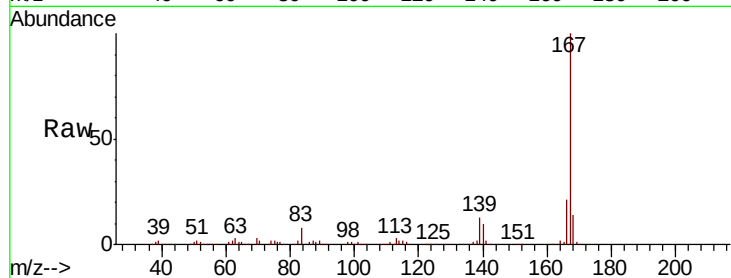




#73
 Carbazole
 Concen: 36.796 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.02 min
 Lab File: BF111804.D
 Acq: 2 Jan 2019 12:00

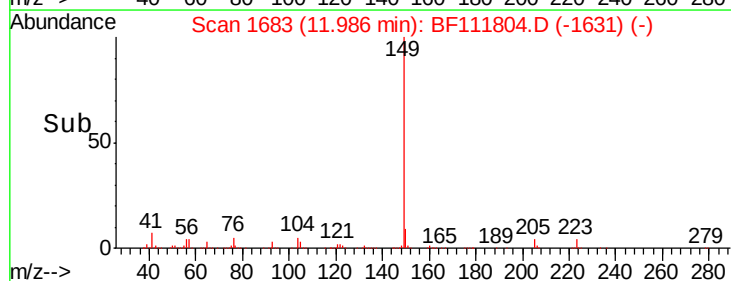
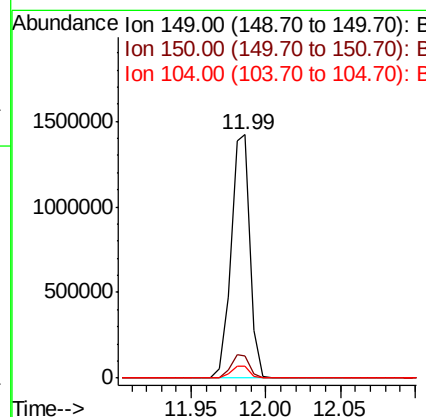
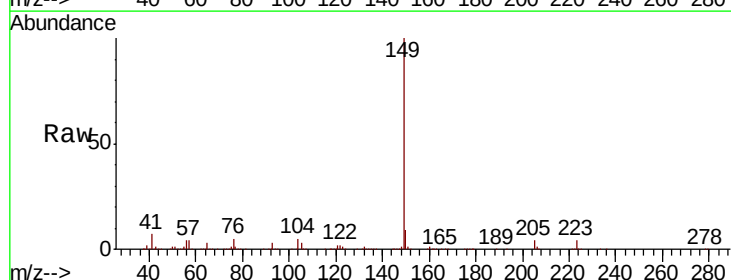
Instrument :
 BNA_F
 ClientSampleId :

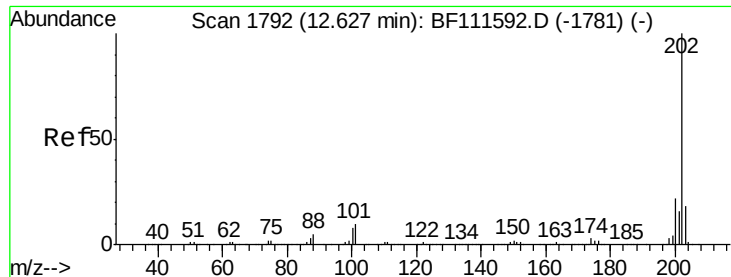
Tot Ion:167 Resp: 1111515
 Ion Ratio Lower Upper
 167 100
 166 21.3 19.3 28.9
 139 13.1 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 37.819 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BF111804.D
 Acq: 2 Jan 2019 12:00

Tgt Ion:149 Resp: 1280873
 Ion Ratio Lower Upper
 149 100
 150 9.0 8.8 13.2
 104 4.7 4.5 6.7

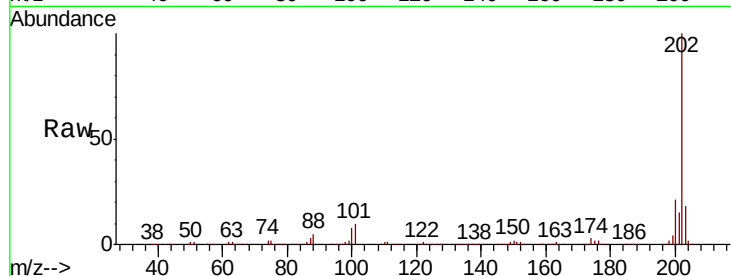




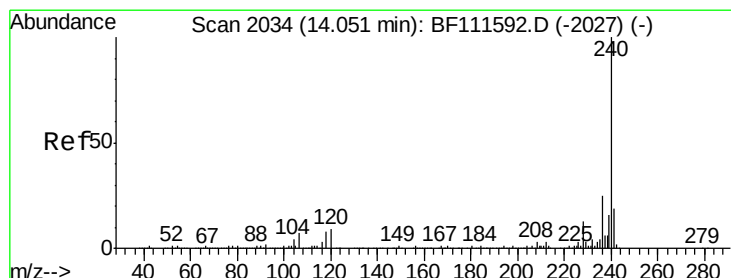
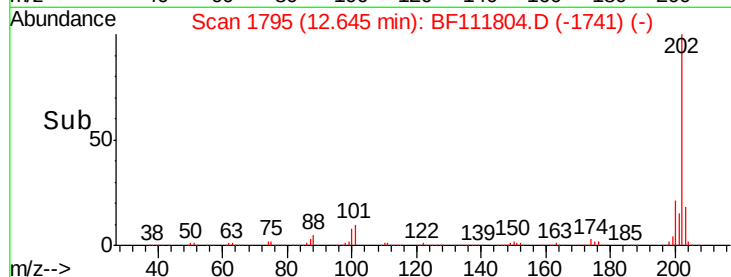
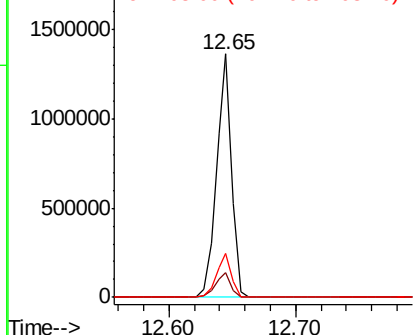
#75
Fluoranthene
Concen: 36.025 ng
RT: 12.65 min Scan# 1795
Delta R.T. 0.02 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1130809
Ion Ratio Lower Upper
202 100
101 10.1 0.0 33.8
203 17.8 0.0 38.6

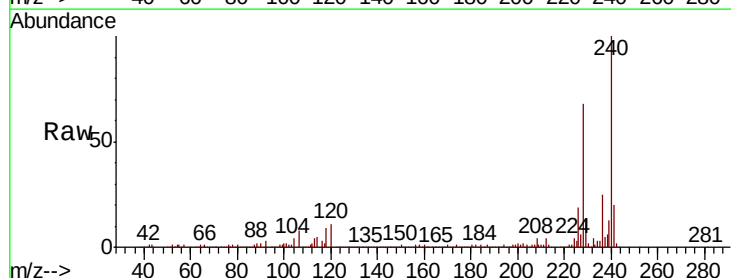


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

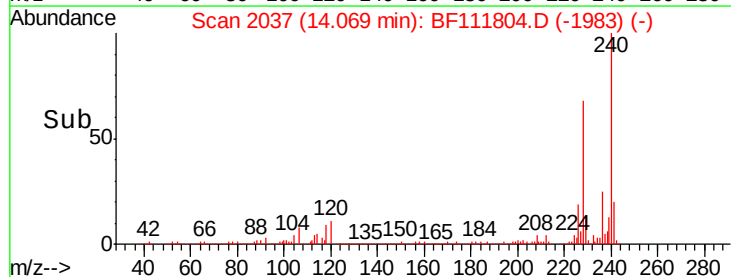
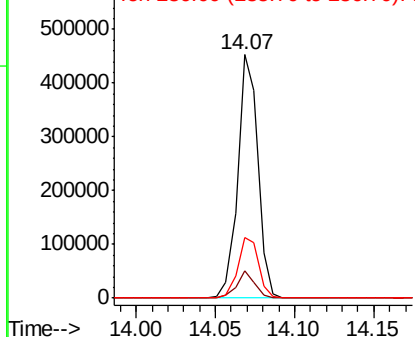


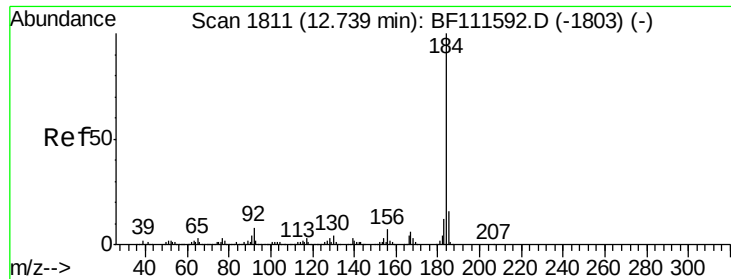
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Tgt Ion:240 Resp: 397103
Ion Ratio Lower Upper
240 100
120 11.1 12.2 18.2#
236 24.7 20.2 30.2



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: 29.484 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.02 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

Instrument :

BNA_F

ClientSampleId :

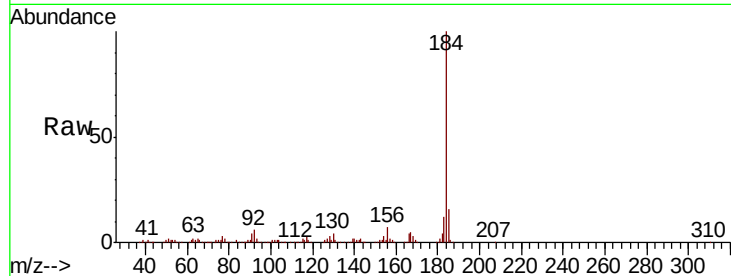
Tot Ion:184 Resp: 440581

Ion Ratio Lower Upper

184 100

185 15.7 13.0 19.6

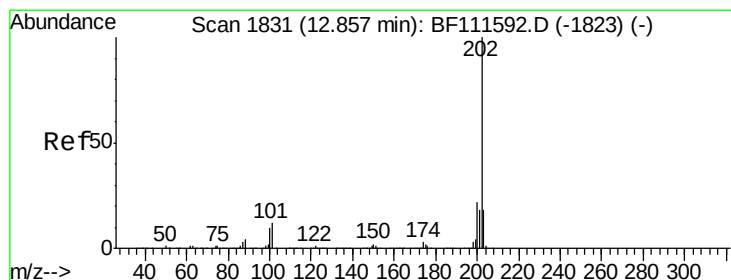
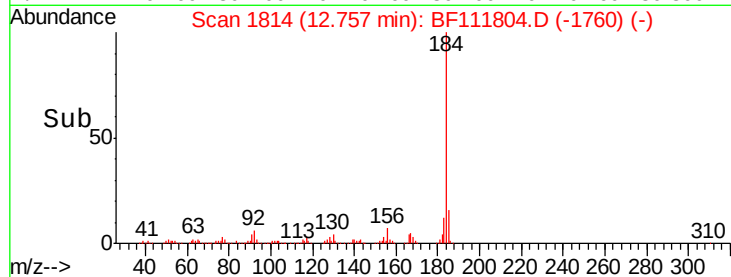
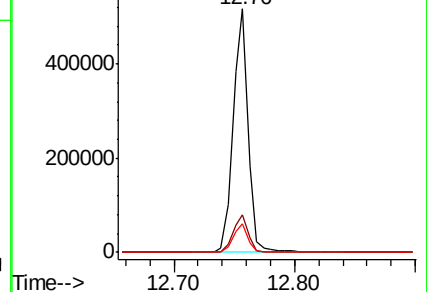
183 11.7 9.3 13.9



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: 40.777 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.02 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

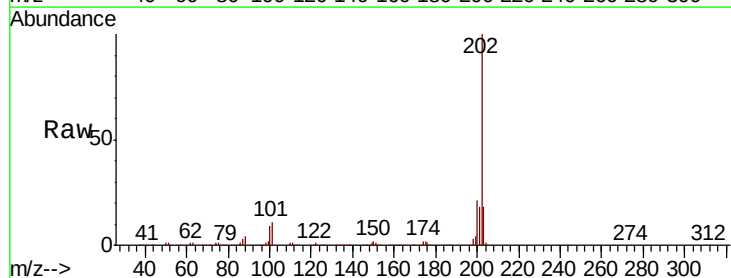
Tgt Ion:202 Resp: 1143489

Ion Ratio Lower Upper

202 100

200 21.0 19.0 28.4

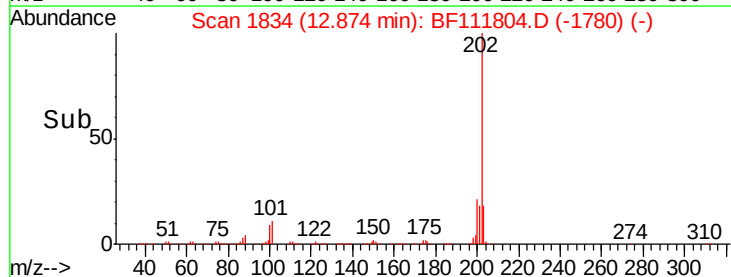
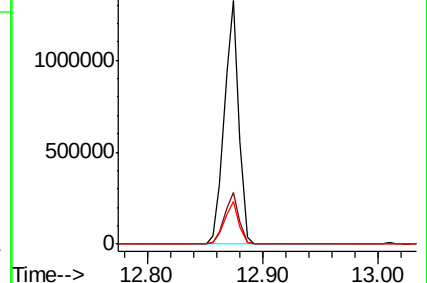
203 17.5 15.2 22.8

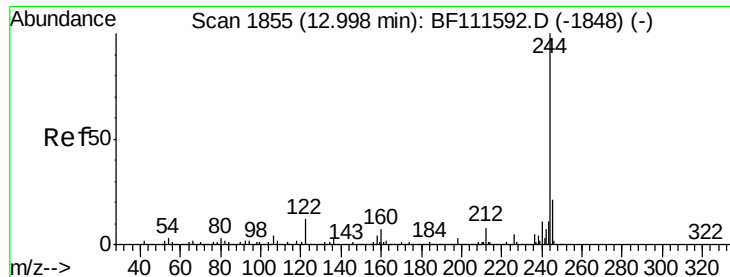


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.617 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

Instrument :

BNA_F

ClientSampleId :

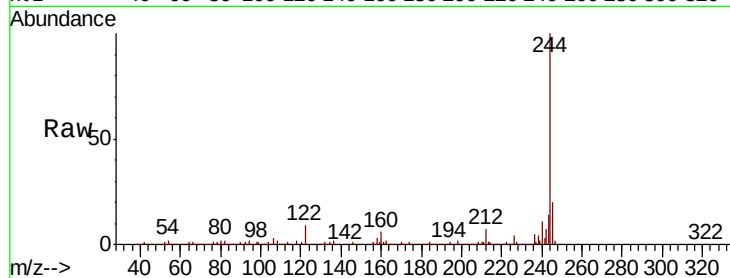
Tot Ion:244 Resp: 1729961

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

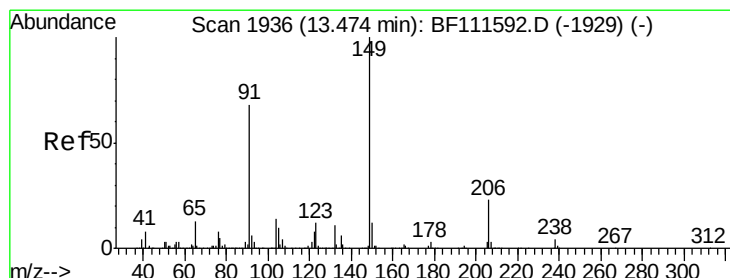
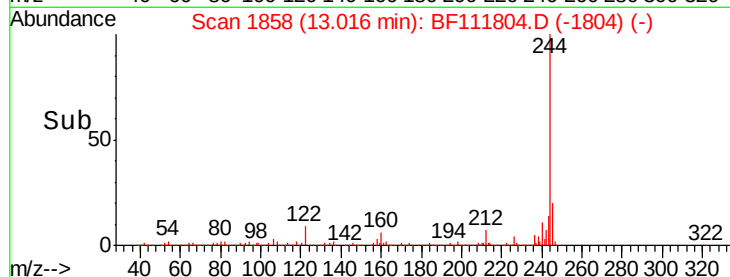
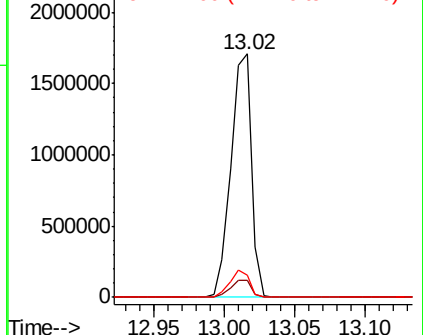
122 9.1 13.1 19.7#



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: 40.662 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

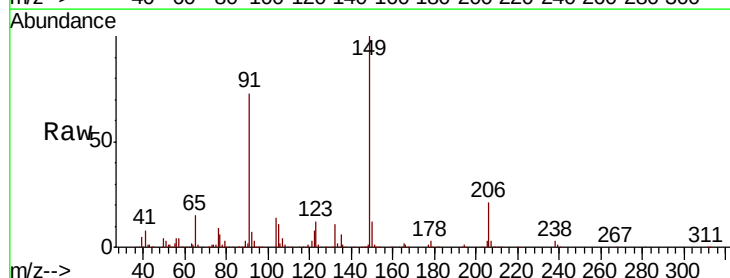
Tgt Ion:149 Resp: 464800

Ion Ratio Lower Upper

149 100

91 72.6 63.8 95.6

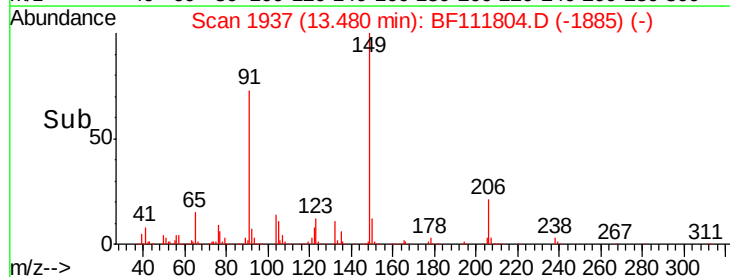
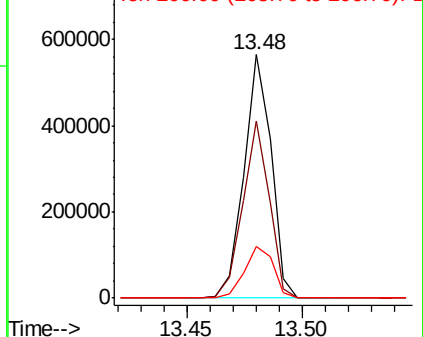
206 21.0 15.1 22.7

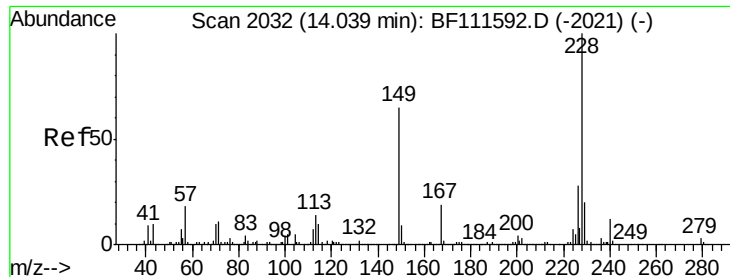


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.999 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.02 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

Instrument :

BNA_F

ClientSampleId :

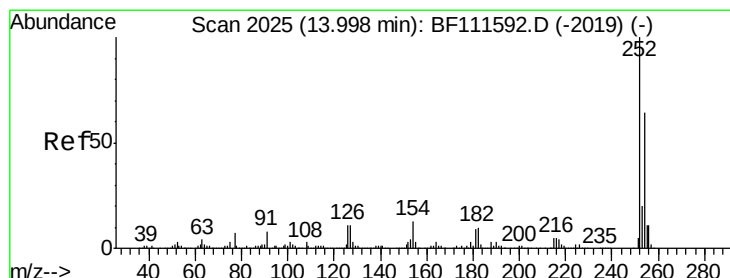
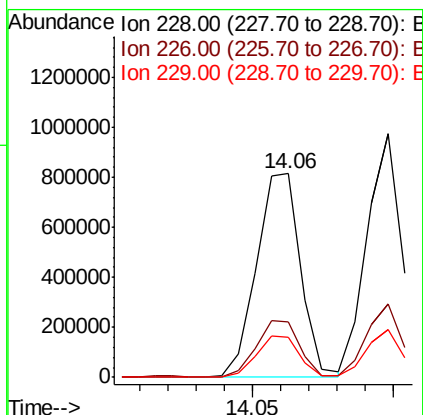
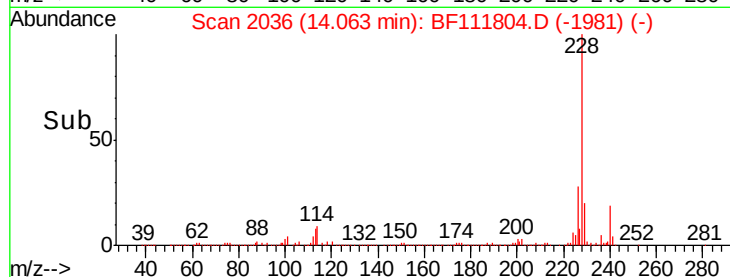
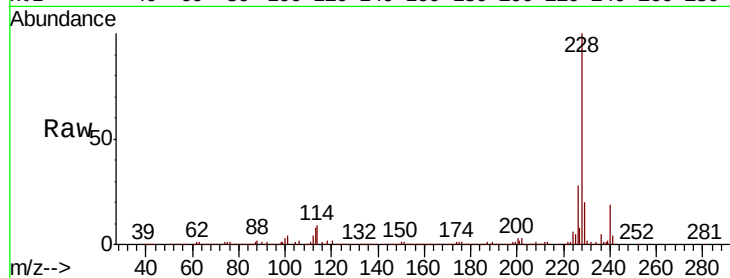
Tot Ion:228 Resp: 883818

Ion Ratio Lower Upper

228 100

226 27.5 22.6 34.0

229 19.8 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 36.881 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.02 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

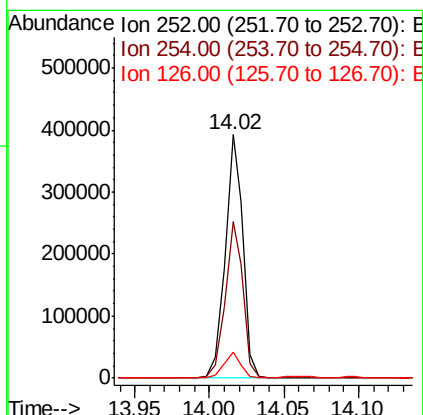
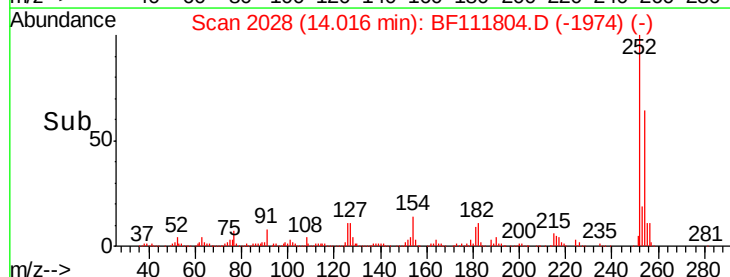
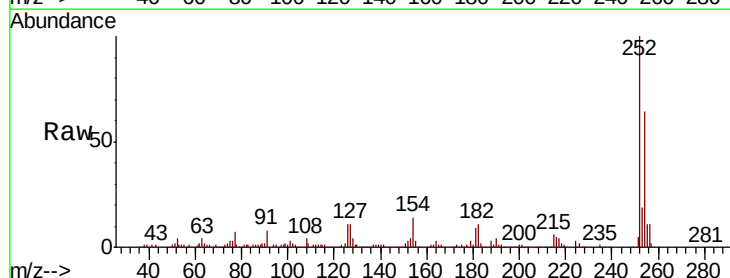
Tgt Ion:252 Resp: 330236

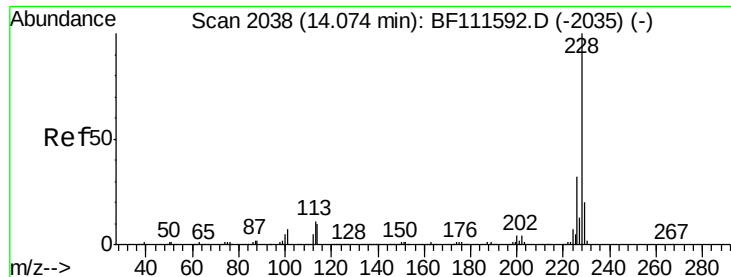
Ion Ratio Lower Upper

252 100

254 64.4 52.7 79.1

126 10.7 11.1 16.7#





#83

Chrysene

Concen: 37.172 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.02 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

Instrument :

BNA_F

ClientSampleId :

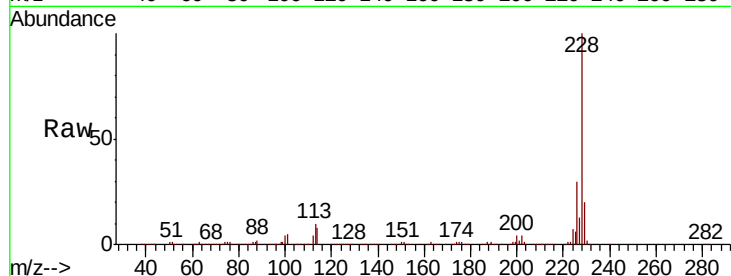
Tot Ion:228 Resp: 827960

Ion Ratio Lower Upper

228 100

226 30.4 25.3 37.9

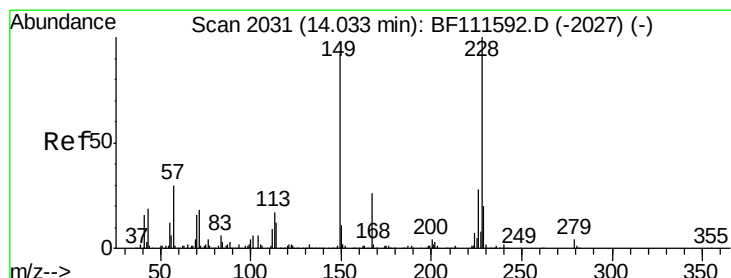
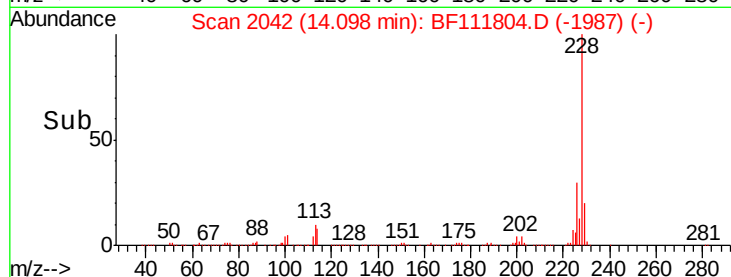
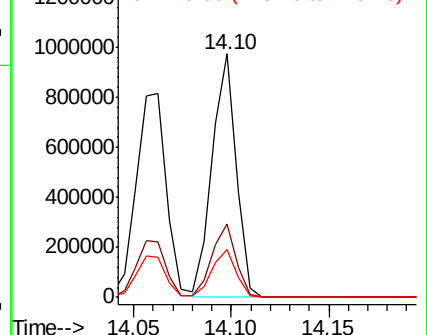
229 19.8 17.2 25.8



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: 42.246 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

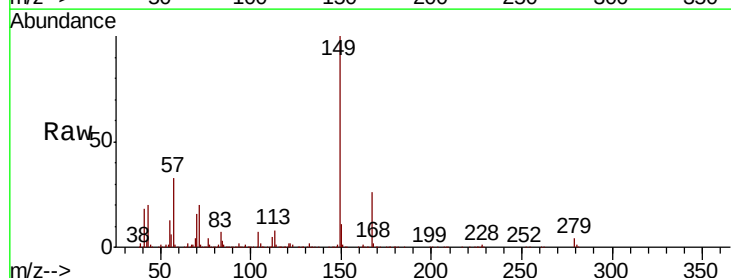
Tgt Ion:149 Resp: 608273

Ion Ratio Lower Upper

149 100

167 26.4 22.5 33.7

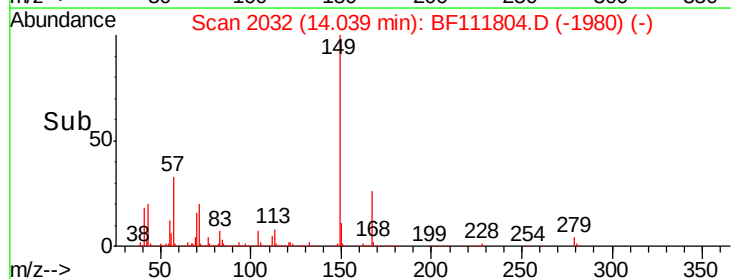
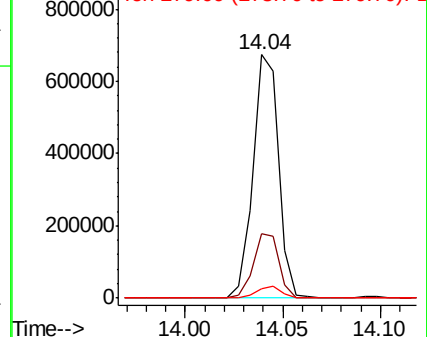
279 3.7 2.6 4.0

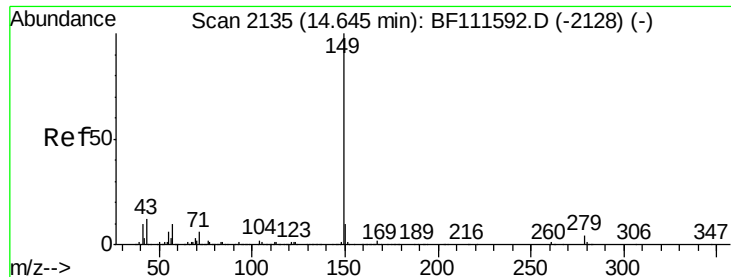


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.261 ng

RT: 14.66 min Scan# 2137

Delta R.T. 0.01 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

Instrument :

BNA_F

ClientSampleId :

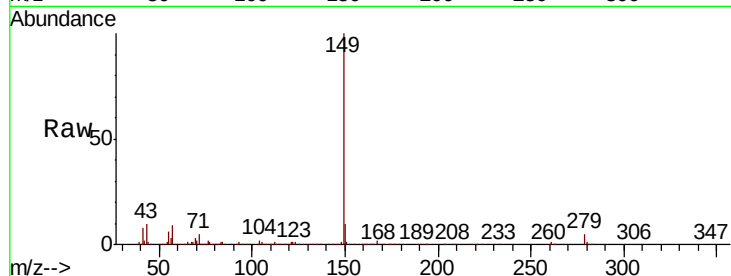
Tot Ion:149 Resp: 875840

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

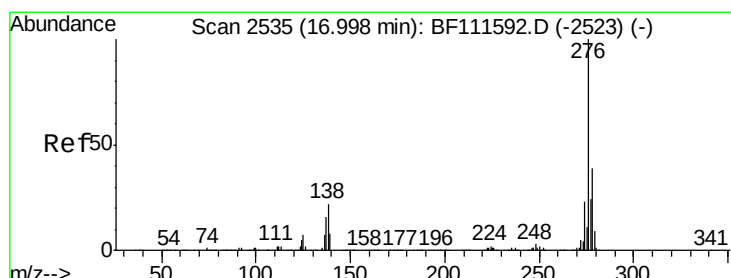
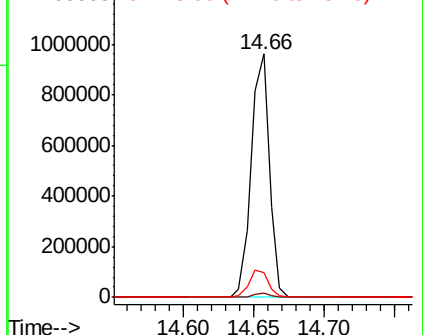
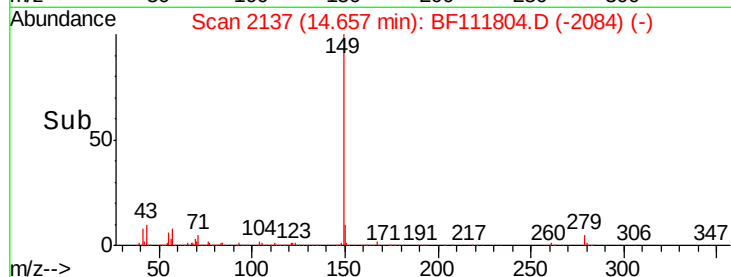
43 11.1 10.9 16.3



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: 42.836 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.07 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

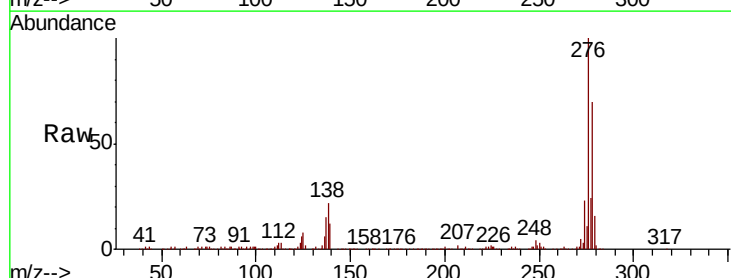
Tgt Ion:276 Resp: 811098

Ion Ratio Lower Upper

276 100

138 22.2 27.8 41.6#

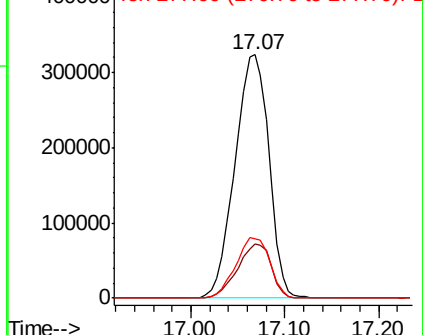
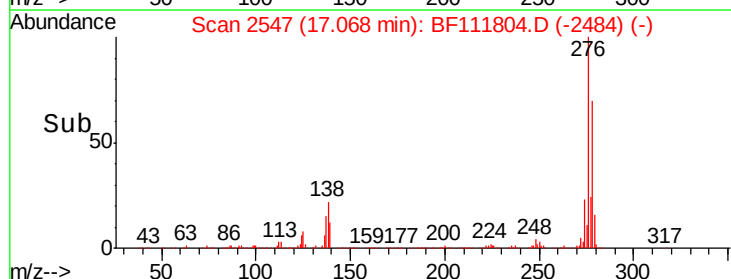
277 25.1 20.1 30.1

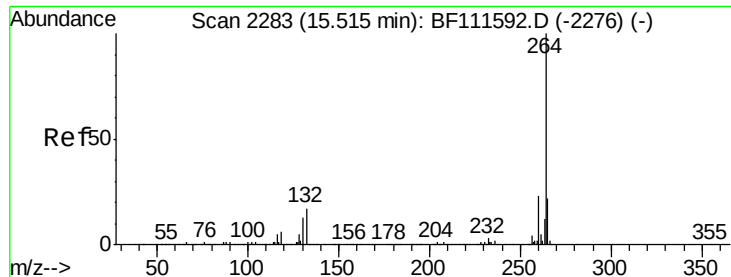


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.56 min Scan# 2290

Delta R.T. 0.04 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

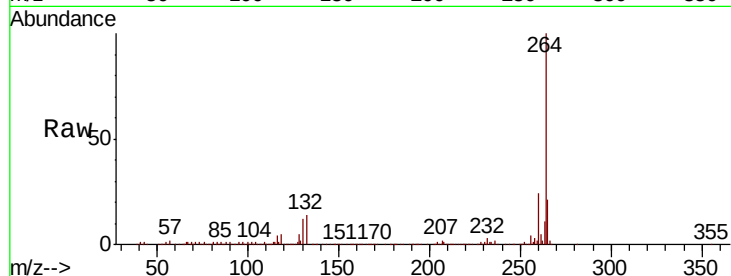
Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 336457

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	21.2	17.7	26.5

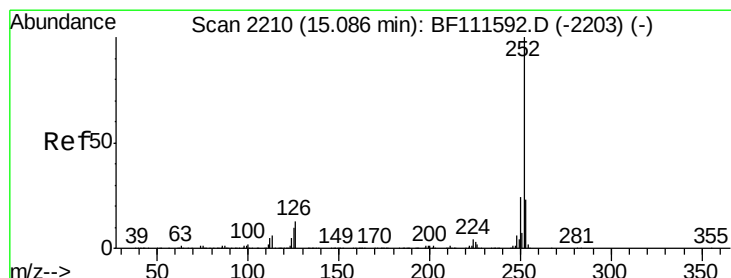
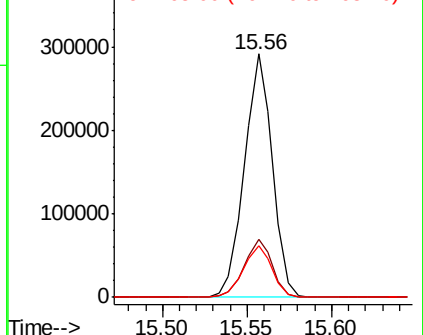
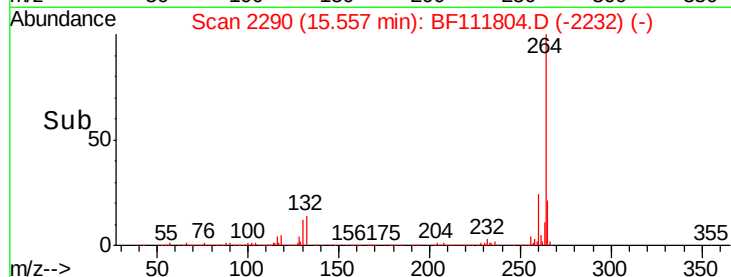


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 35.737 ng

RT: 15.12 min Scan# 2216

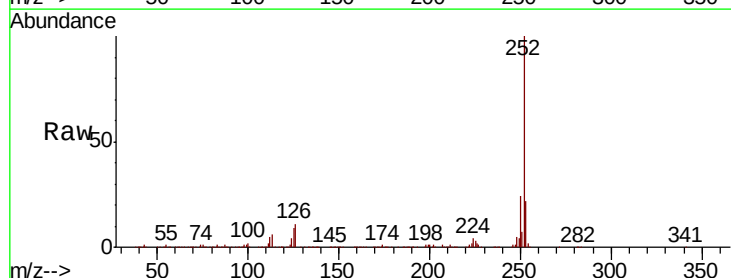
Delta R.T. 0.04 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

Tgt Ion:252 Resp: 702722

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	8.6	10.4	15.6

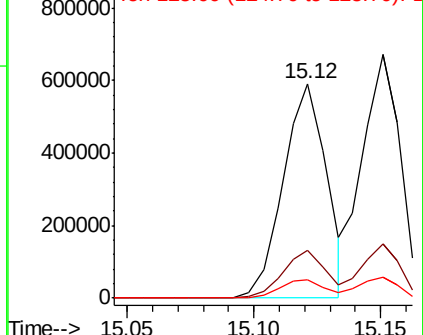
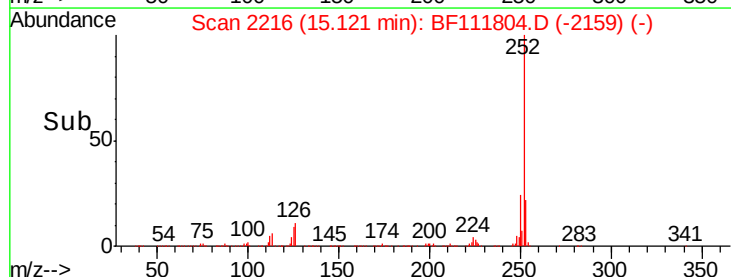


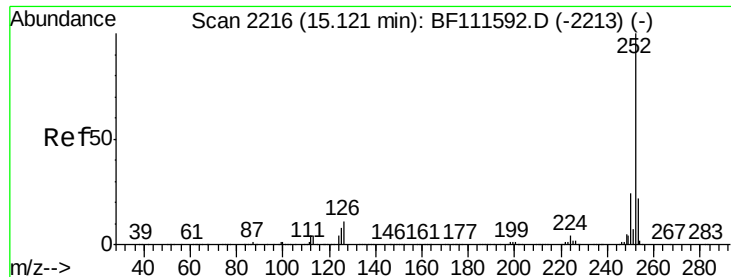
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

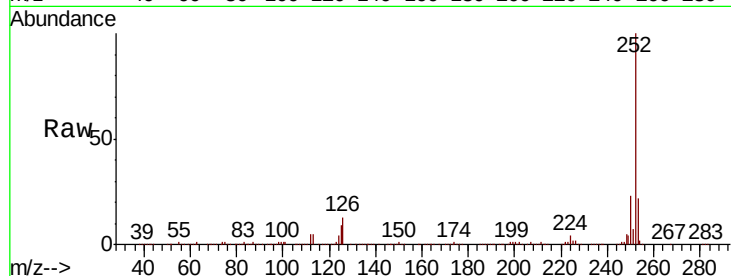




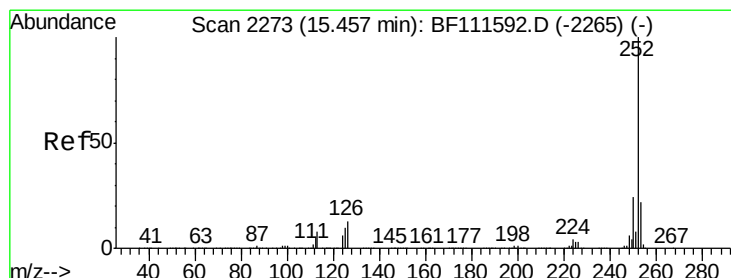
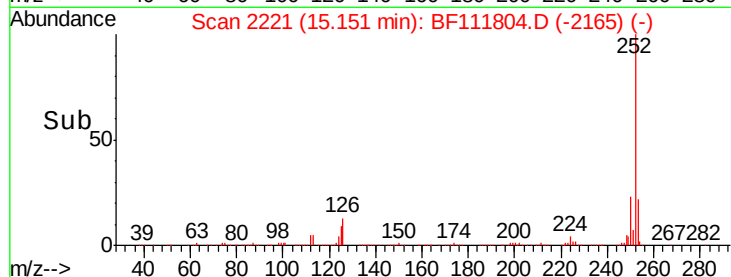
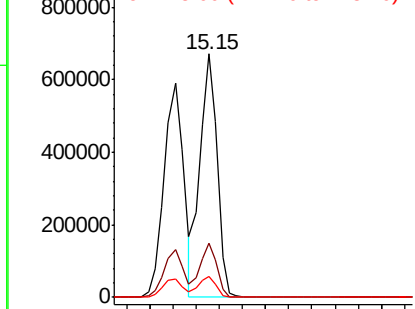
#89
Benzo(k)fluoranthene
Concen: 37.735 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.03 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 706426
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 8.8 9.8 14.8#

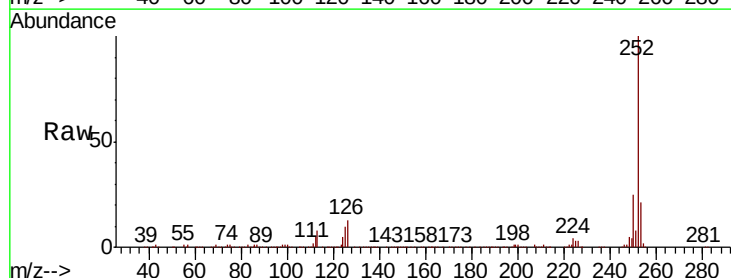


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

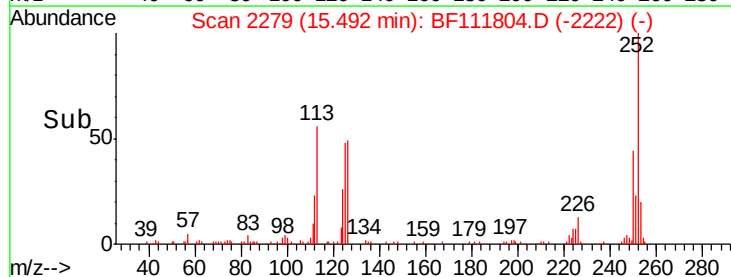
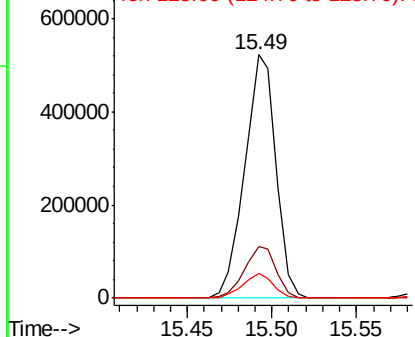


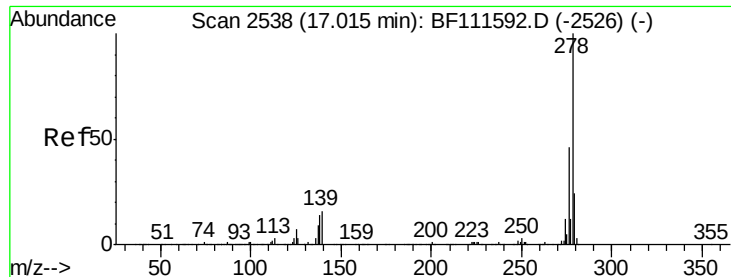
#90
Benzo(a)pyrene
Concen: 37.650 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF111804.D
Acq: 2 Jan 2019 12:00

Tgt Ion:252 Resp: 672605
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 10.3 12.3 18.5#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.910 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.06 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

Instrument :

BNA_F

ClientSampleId :

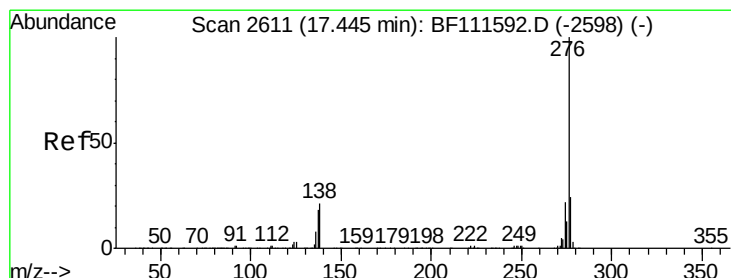
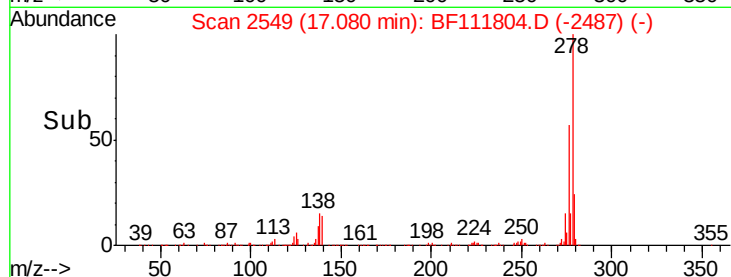
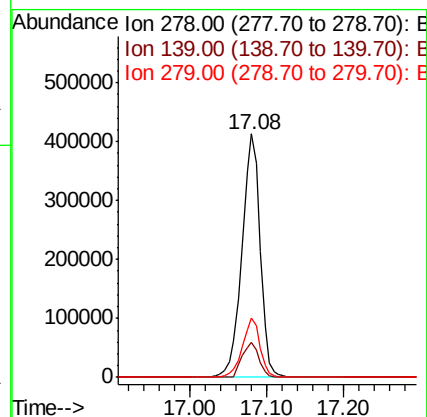
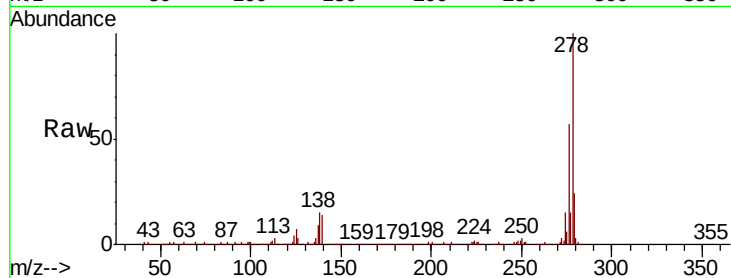
Tot Ion:278 Resp: 686921

Ion Ratio Lower Upper

278 100

139 14.2 18.2 27.4#

279 24.3 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 44.528 ng

RT: 17.52 min Scan# 2624

Delta R.T. 0.08 min

Lab File: BF111804.D

Acq: 2 Jan 2019 12:00

Tgt Ion:276 Resp: 680188

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 19.7 24.9 37.3#

