

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
 Data File : BF111814.D
 Acq On : 2 Jan 2019 17:31
 Operator : JU/SJ
 Sample : PB116085BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 02 18:03:25 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	139750	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	544867	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	287426	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	564567	20.00	ng	0.00
76) Chrysene-d12	14.06	240	417991	20.00	ng	0.01
87) Perylene-d12	15.55	264	381747	20.00	ng	0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	108609	13.25	ng	0.01
7) Phenol-d6	6.53	99	138461	13.27	ng	0.01
23) Nitrobenzene-d5	7.45	82	68919	7.36	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	45768	13.48	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	156989	7.96	ng	0.00
79) Terphenyl-d14	13.00	244	200476	9.10	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.68	88	14980	3.883	ng	# 94
3) Pyridine	3.46	79	36415	3.624	ng	96
4) n-Nitrosodimethylamine	3.37	42	20782	4.225	ng	81
6) Aniline	6.56	93	27677	2.081	ng	# 81
8) 2-Chlorophenol	6.69	128	42409	4.670	ng	98
9) Benzaldehyde	6.45	77	17566	2.448	ng	94
10) Phenol	6.55	94	52395	4.450	ng	93
11) bis(2-Chloroethyl)ether	6.62	93	39038	4.425	ng	99
12) 1,3-Dichlorobenzene	6.85	146	50102	4.760	ng	94
13) 1,4-Dichlorobenzene	6.92	146	50687	4.748	ng	96
14) 1,2-Dichlorobenzene	7.07	146	46671	4.686	ng	94
15) Benzyl Alcohol	7.03	79	36264	4.376	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.17	45	66345	4.083	ng	95
17) 2-Methylphenol	7.16	107	33619	4.623	ng	97
18) Hexachloroethane	7.42	117	17913	4.980	ng	# 89
19) n-Nitroso-di-n-propylamine	7.30	70	29683	4.284	ng	99
20) 3+4-Methylphenols	7.31	107	44295	4.820	ng	# 70
22) Acetophenone	7.30	105	60160	4.358	ng	# 87
24) Nitrobenzene	7.47	77	44929	4.580	ng	96
25) Isophorone	7.71	82	77791	4.681	ng	98
26) 2-Nitrophenol	7.79	139	19826	4.983	ng	92
27) 2,4-Dimethylphenol	7.83	122	36141	4.608	ng	92
28) bis(2-Chloroethoxy)methane	7.92	93	48287	4.367	ng	99
29) 2,4-Dichlorophenol	8.05	162	36673	4.347	ng	96
30) 1,2,4-Trichlorobenzene	8.12	180	40007	4.255	ng	98
31) Naphthalene	8.20	128	128020	4.890	ng	96
33) 4-Chloroaniline	8.25	127	27746	2.452	ng	93
34) Hexachlorobutadiene	8.33	225	25293	4.414	ng	96
35) Caprolactam	8.57	113	10687	3.738	ng	94
36) 4-Chloro-3-methylphenol	8.73	107	37863	4.566	ng	99
37) 2-Methylnaphthalene	8.90	142	88006	5.167	ng	99
38) 1-Methylnaphthalene	8.99	142	82867	5.066	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	42083	4.456	ng	97
41) Hexachlorocyclopentadiene	9.05	237	43180	9.421	ng	99

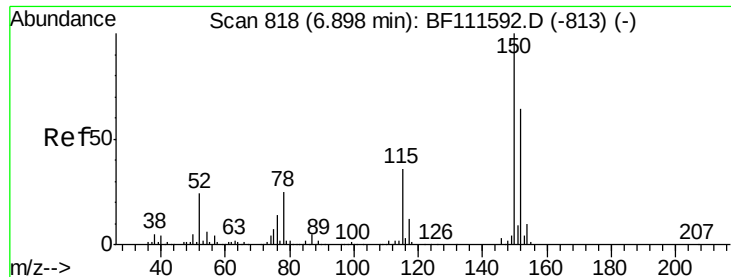
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
 Data File : BF111814.D
 Acq On : 2 Jan 2019 17:31
 Operator : JU/SJ
 Sample : PB116085BS
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Quant Time: Jan 02 18:03:25 2019
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 Quant Title : ASP BNA 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)
43) 2,4,6-Trichlorophenol	9.17	196	26149	4.147	nq	99
44) 2,4,5-Trichlorophenol	9.22	196	28433	4.395	nq	94
46) 1,1'-Biphenyl	9.36	154	110416	4.551	nq	91
47) 2-Chloronaphthalene	9.38	162	85642	4.455	nq	92
48) 2-Nitroaniline	9.47	65	23723	4.744	nq	99
49) Acenaphthylene	9.80	152	136222	4.853	nq	94
50) Dimethylphthalate	9.65	163	98564	4.689	nq	96
51) 2,6-Dinitrotoluene	9.71	165	21530	5.137	nq	99
52) Acenaphthene	9.97	154	81970	4.735	nq	99
53) 3-Nitroaniline	9.88	138	17799	3.982	nq	94
54) 2,4-Dinitrophenol	9.99	184	5907	11.298	nq	# 90
55) Dibenzofuran	10.14	168	123189	4.710	nq	97
56) 4-Nitrophenol	10.06	139	25474	7.468	nq	96
57) 2,4-Dinitrotoluene	10.11	165	27045	5.369	nq	# 95
58) Fluorene	10.49	166	98376	5.220	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.26	232	22915	4.209	nq	89
60) Diethylphthalate	10.35	149	100882	4.893	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	48094	4.619	nq	95
62) 4-Nitroaniline	10.49	138	19484	4.485	nq	92
63) Azobenzene	10.63	77	92131	4.451	nq	95
65) 4,6-Dinitro-2-methylphenol	10.52	198	6707	9.167	nq	79
66) n-Nitrosodiphenylamine	10.59	169	84613	4.465	nq	96
67) 4-Bromophenyl-phenylether	10.96	248	30022	4.287	nq	97
68) Hexachlorobenzene	11.04	284	34041	4.360	nq	# 92
69) Atrazine	11.11	200	28303	4.299	nq	94
70) Pentachlorophenol	11.23	266	17411	3.607	nq	94
71) Phenanthrene	11.44	178	149457	4.992	nq	93
72) Anthracene	11.50	178	152007	5.058	nq	94
73) Carbazole	11.65	167	120614	4.134	nq	94
74) Di-n-butylphthalate	11.98	149	159159	4.865	nq	# 94
75) Fluoranthene	12.64	202	145716	4.806	nq	93
78) Pyrene	12.86	202	145681	4.935	nq	95
80) Butylbenzylphthalate	13.47	149	58732	4.881	nq	90
81) Benzo(a)anthracene	14.05	228	116772	4.895	nq	93
82) 3,3'-Dichlorobenzidine	14.01	252	25192	2.673	nq	# 96
83) Chrysene	14.09	228	107395	4.581	nq	96
84) Bis(2-ethylhexyl)phthalate	14.04	149	81283	5.363	nq	# 99
85) Di-n-octyl phthalate	14.65	149	119290	5.080	nq	# 98
86) Indeno(1,2,3-cd)pyrene	17.04	276	111698	5.604	nq	# 88
88) Benzo(b)fluoranthene	15.11	252	96201	4.312	nq	# 94
89) Benzo(k)fluoranthene	15.14	252	95787	4.510	nq	95
90) Benzo(a)pyrene	15.48	252	94844	4.679	nq	# 92
91) Dibenzo(a,h)anthracene	17.06	278	93709	5.280	nq	# 91
92) Benzo(g,h,i)perylene	17.49	276	92263	5.323	nq	# 84

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

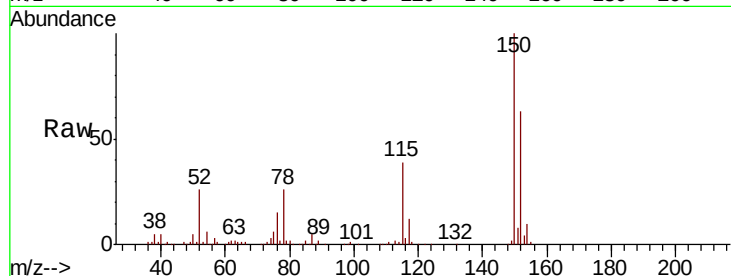


#1

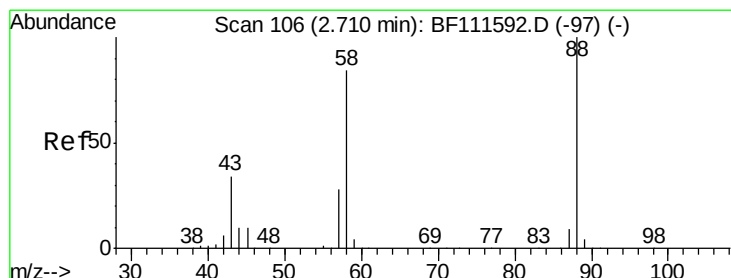
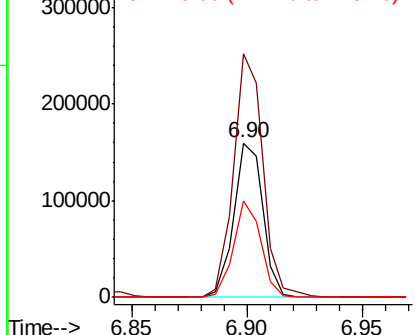
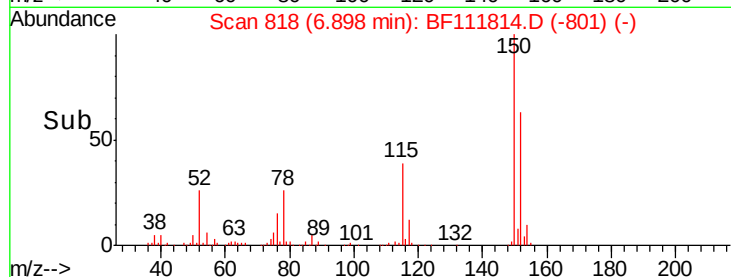
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139750
Ion Ratio Lower Upper
152 100
150 158.1 126.6 189.8
115 62.4 50.7 76.1



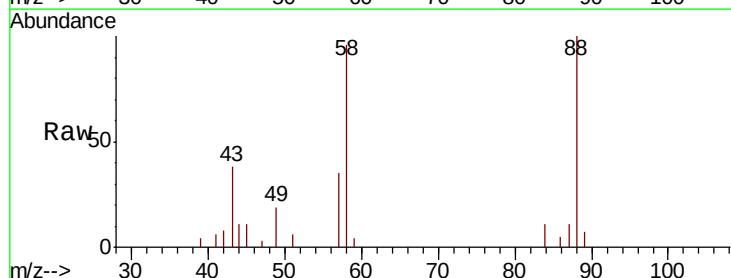
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



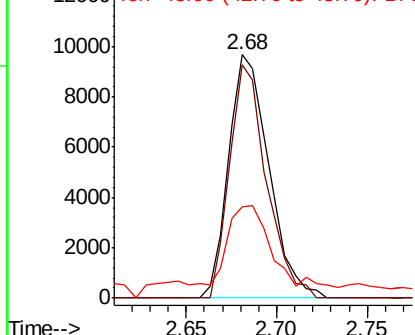
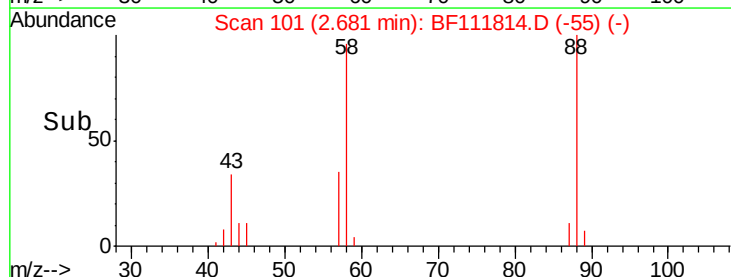
#2

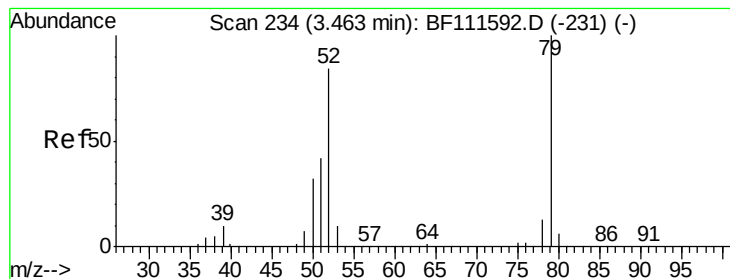
1,4-Dioxane
Concen: 3.883 ng
RT: 2.68 min Scan# 101
Delta R.T. -0.03 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion: 88 Resp: 14980
Ion Ratio Lower Upper
88 100
58 88.1 68.9 103.3
43 40.4 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: 3.624 ng

RT: 3.46 min Scan# 234

Delta R.T. -0.00 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

ClientSampleId :

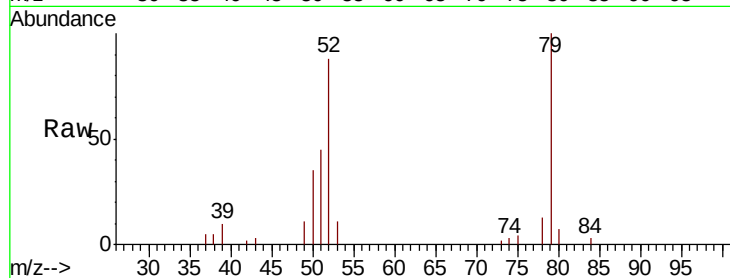
Tot Ion: 79 Resp: 36415

Ion Ratio Lower Upper

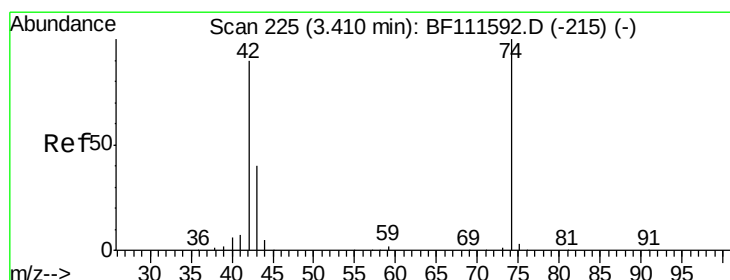
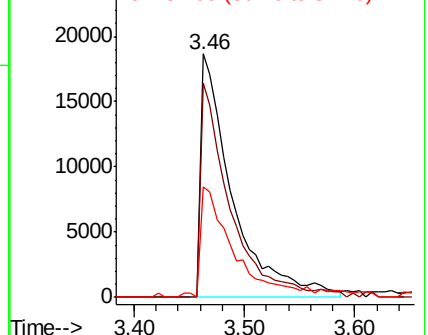
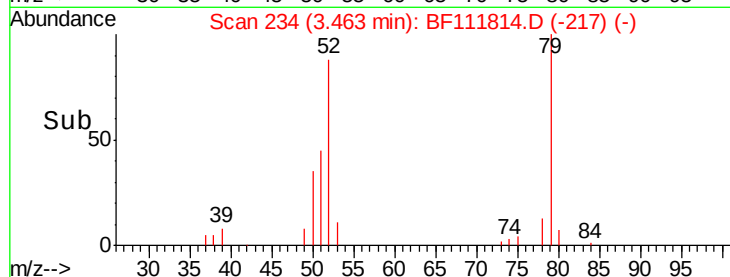
79 100

52 87.8 68.3 102.5

51 45.4 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: 4.225 ng

RT: 3.37 min Scan# 219

Delta R.T. -0.04 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

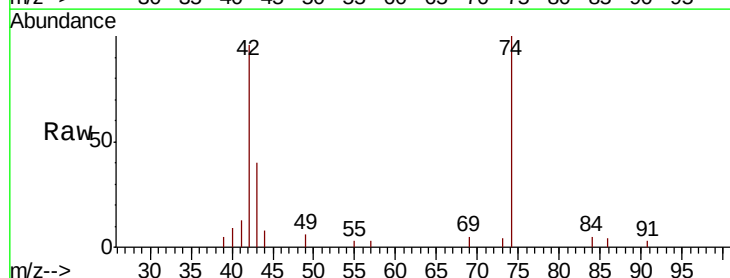
Tgt Ion: 42 Resp: 20782

Ion Ratio Lower Upper

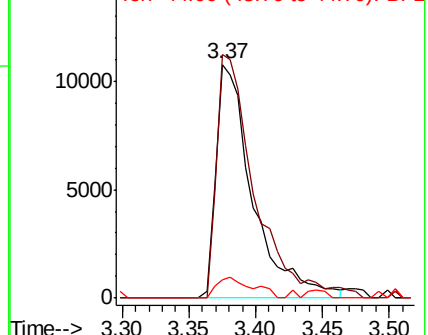
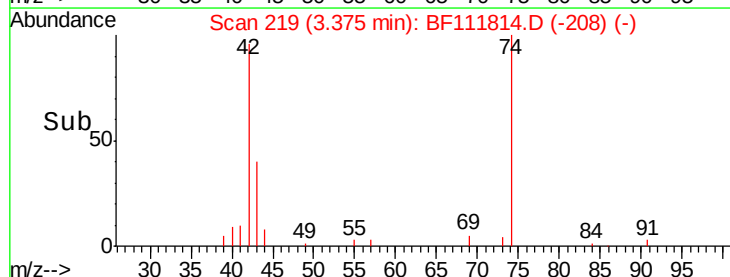
42 100

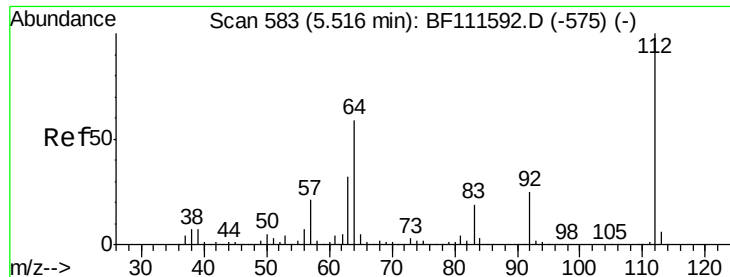
74 104.3 101.5 152.3

44 8.0 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: 13.247 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

ClientSampleId :

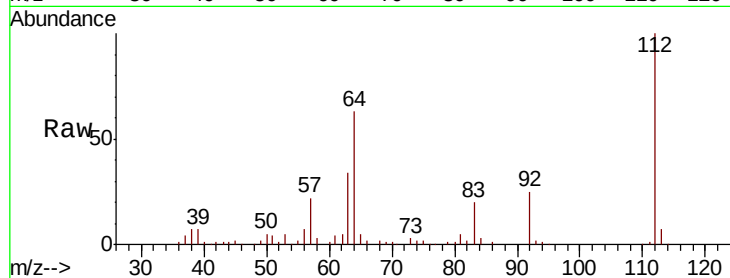
Tot Ion:112 Resp: 108609

Ion Ratio Lower Upper

112 100

64 63.4 51.8 77.6

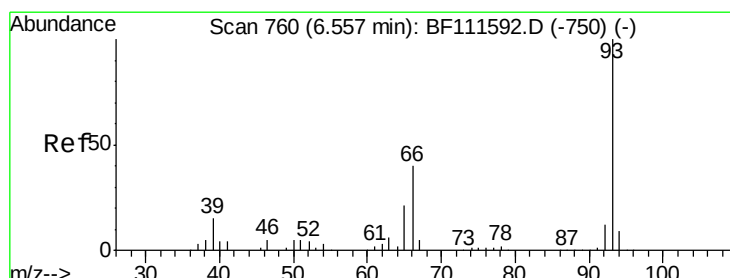
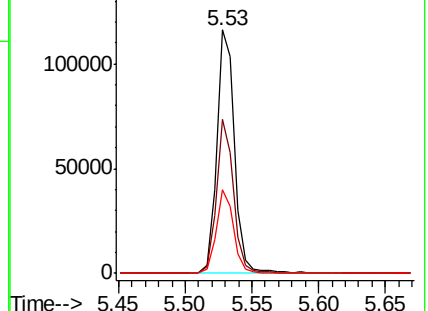
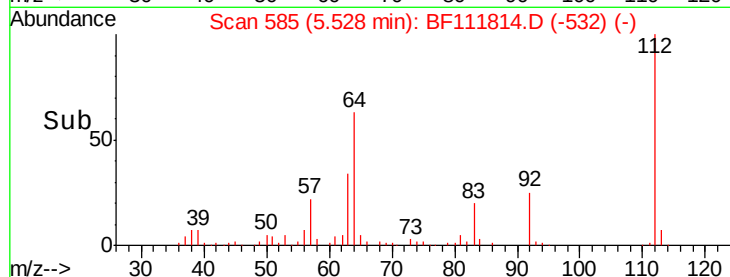
63 34.4 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 2.081 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

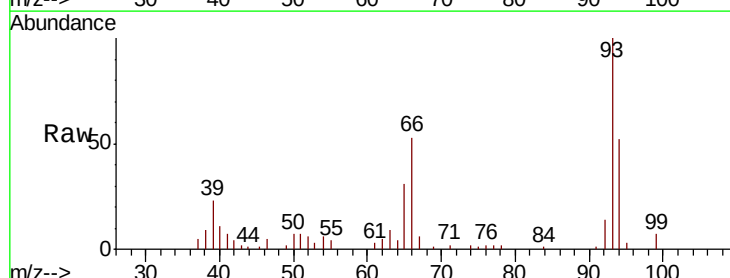
Tgt Ion: 93 Resp: 27677

Ion Ratio Lower Upper

93 100

66 53.0 33.2 49.8#

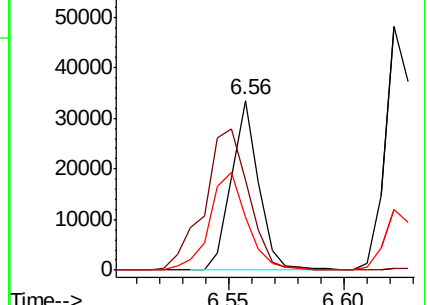
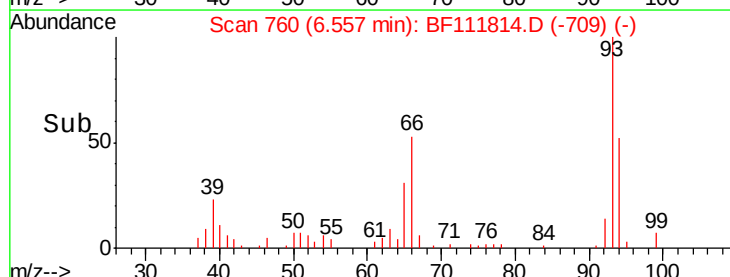
65 31.3 17.0 25.4#

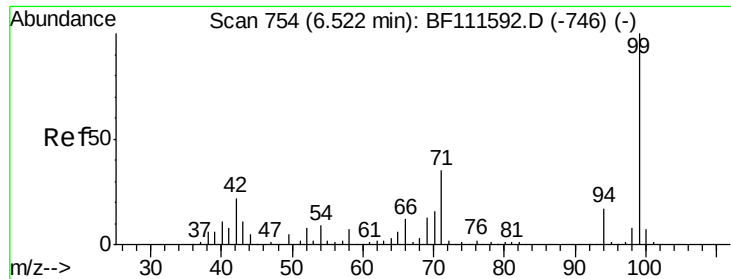


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 13.270 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

ClientSampleId :

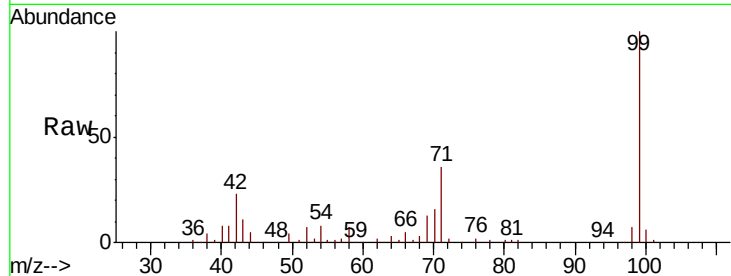
Tot Ion: 99 Resp: 138461

Ion Ratio Lower Upper

99 100

42 22.9 17.4 26.0

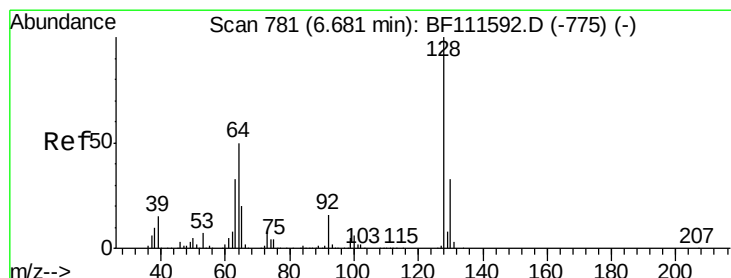
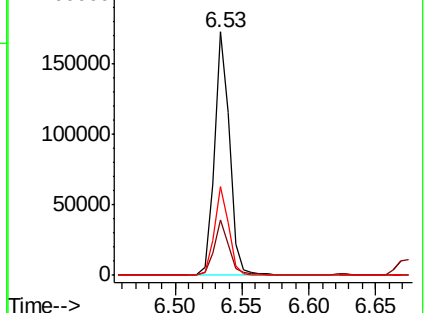
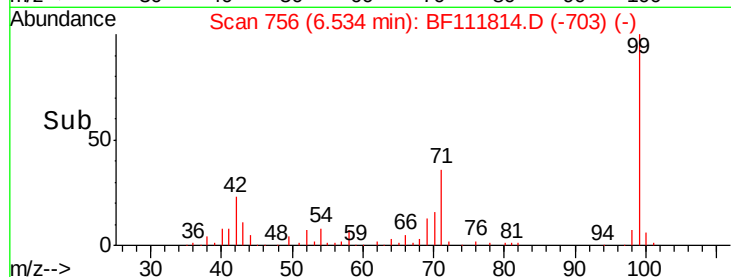
71 36.3 26.1 39.1



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: 4.670 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

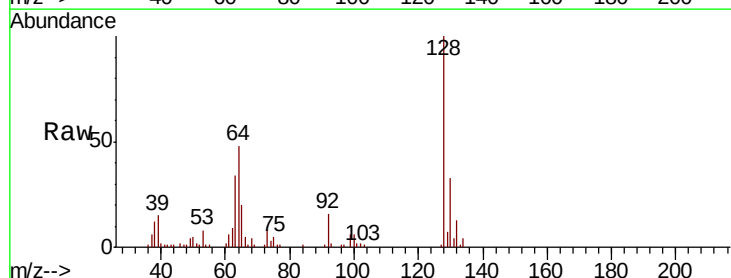
Tgt Ion:128 Resp: 42409

Ion Ratio Lower Upper

128 100

130 32.6 12.7 52.7

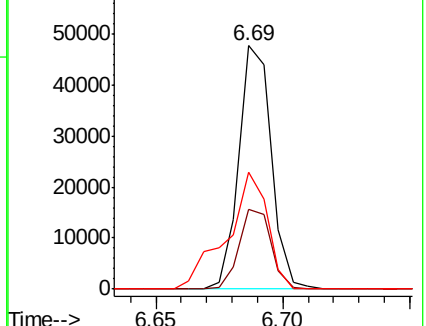
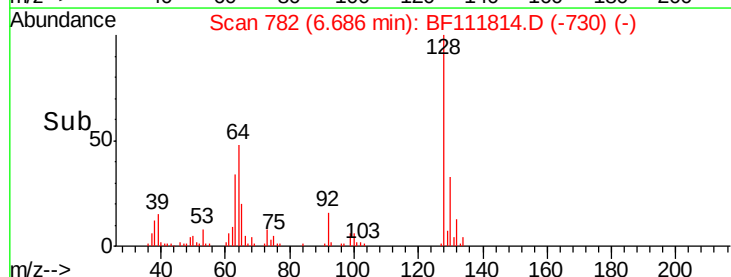
64 48.3 30.0 70.0

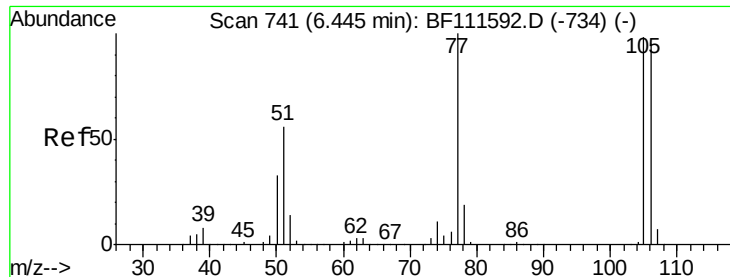


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

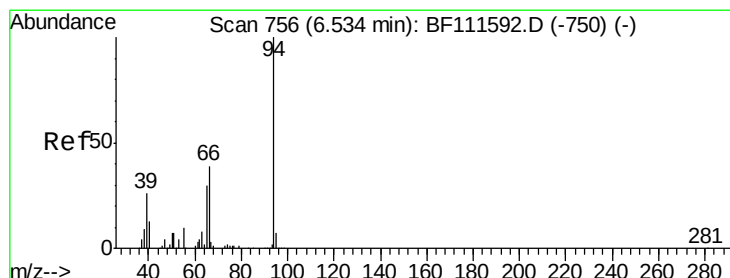
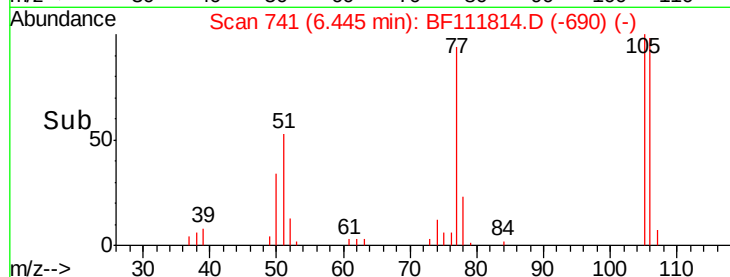
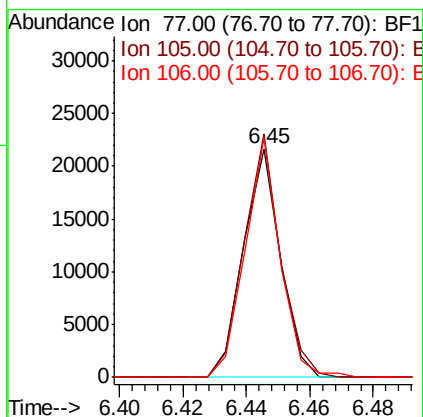
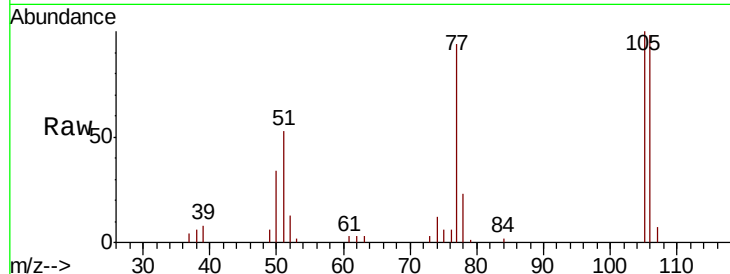




#9
Benzaldehyde
Concen: 2.448 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

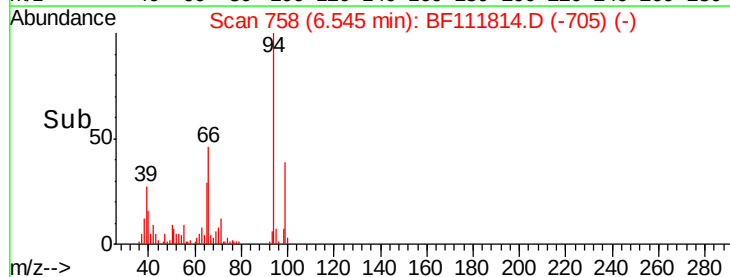
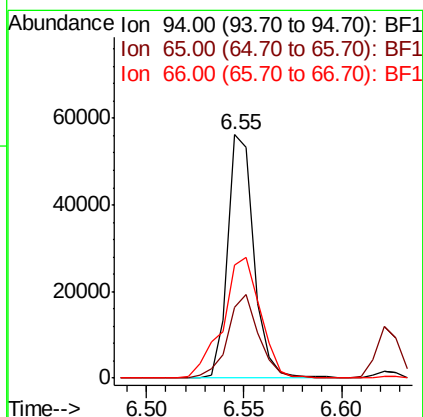
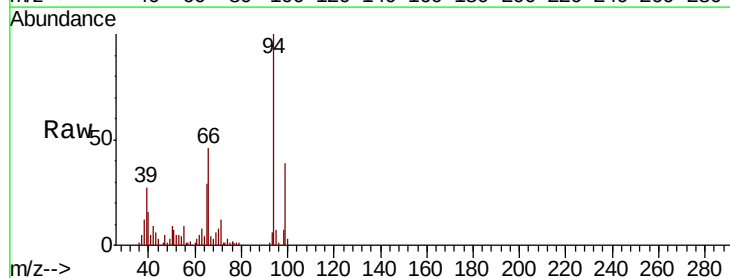
Instrument :
BNA_F
ClientSampled :

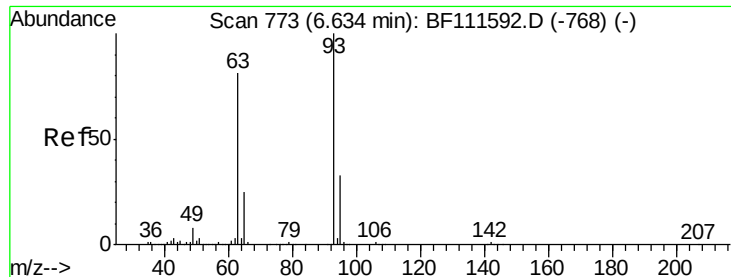
Tot Ion: 77 Resp: 17566
Ion Ratio Lower Upper
77 100
105 106.5 81.4 121.4
106 104.6 77.9 117.9



#10
Phenol
Concen: 4.450 ng
RT: 6.55 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion: 94 Resp: 52395
Ion Ratio Lower Upper
94 100
65 29.3 11.7 51.7
66 46.3 21.0 61.0





#11

bis(2-Chloroethyl)ether

Concen: 4.425 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

ClientSampleId :

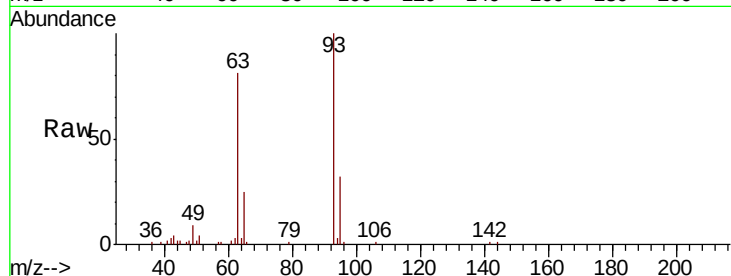
Tot Ion: 93 Resp: 39038

Ion Ratio Lower Upper

93 100

63 80.7 60.0 100.0

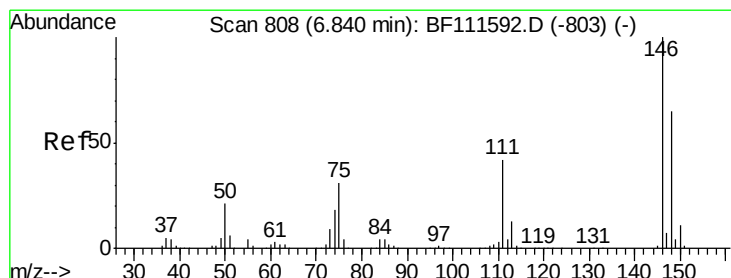
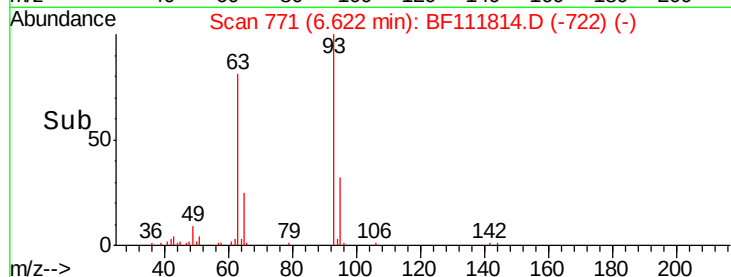
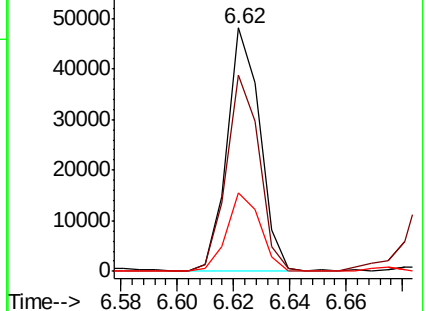
95 32.3 13.4 53.4



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: 4.760 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

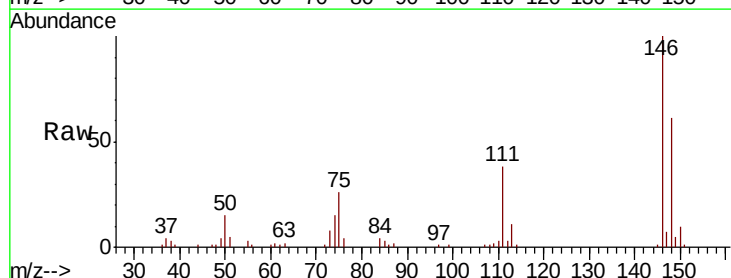
Tgt Ion: 146 Resp: 50102

Ion Ratio Lower Upper

146 100

148 61.0 52.1 78.1

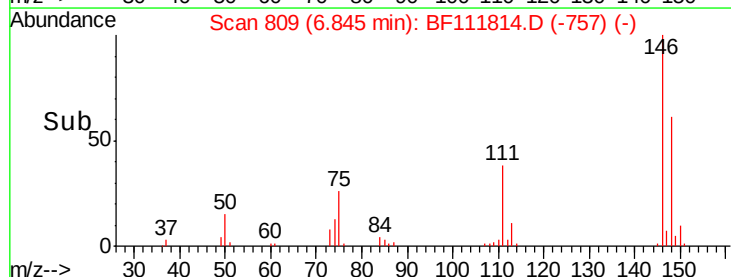
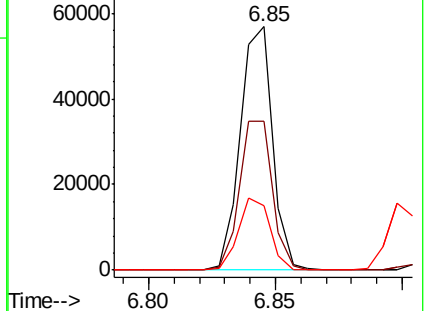
75 26.3 23.9 35.9

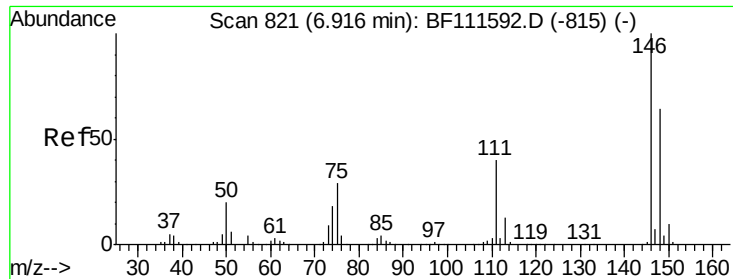


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

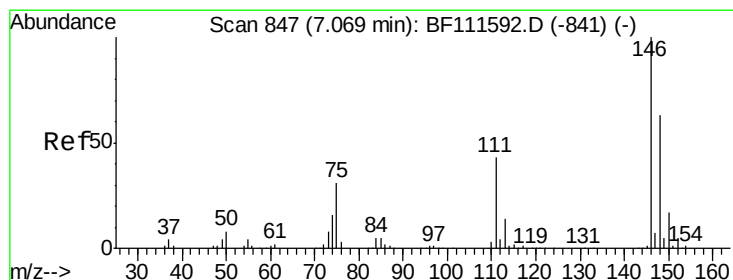
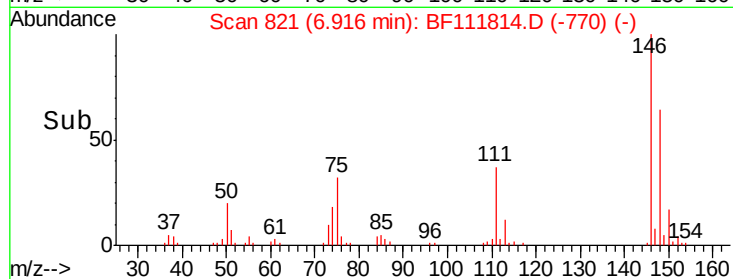
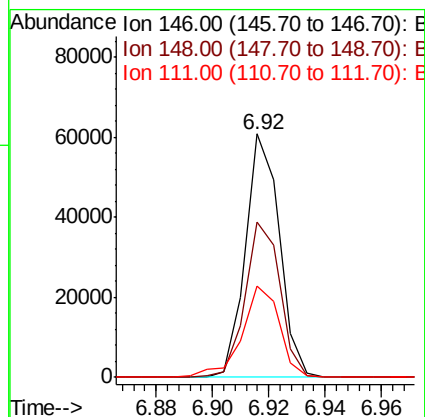
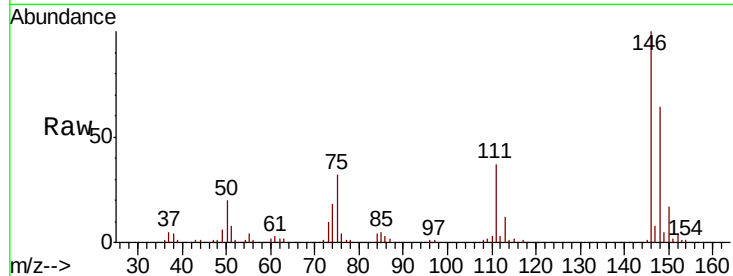




#13
 1,4-Dichlorobenzene
 Concen: 4.748 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

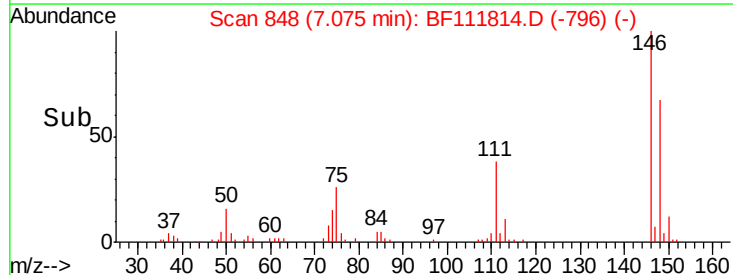
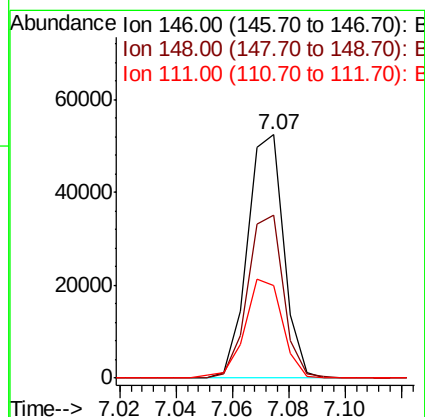
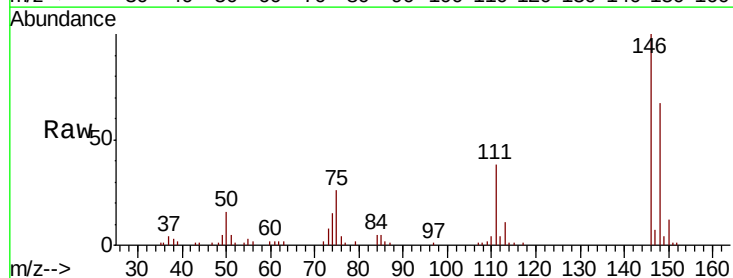
Instrument :
 BNA_F
 ClientSampleId :

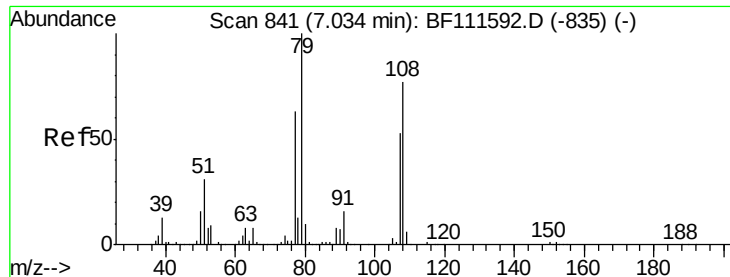
Tot Ion:146 Resp: 50687
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.8 79.2
 111 37.4 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 4.686 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Tgt Ion:146 Resp: 46671
 Ion Ratio Lower Upper
 146 100
 148 67.0 51.9 77.9
 111 38.1 36.2 54.4





#15

Benzyl Alcohol

Concen: 4.376 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

ClientSampleId :

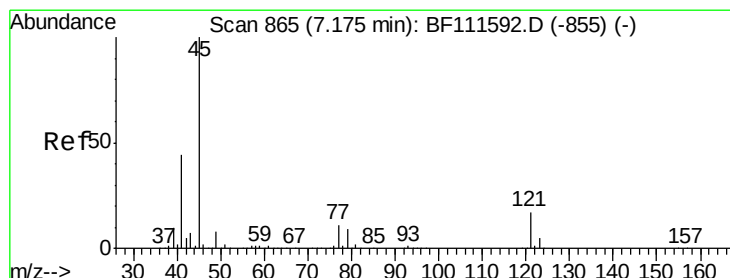
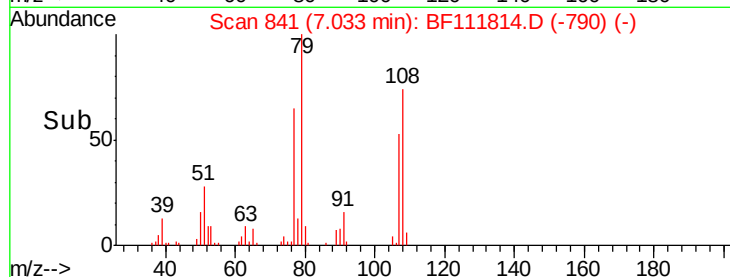
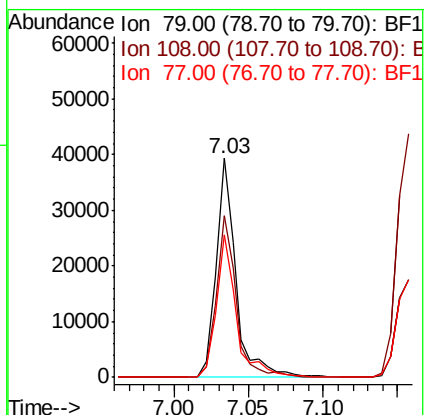
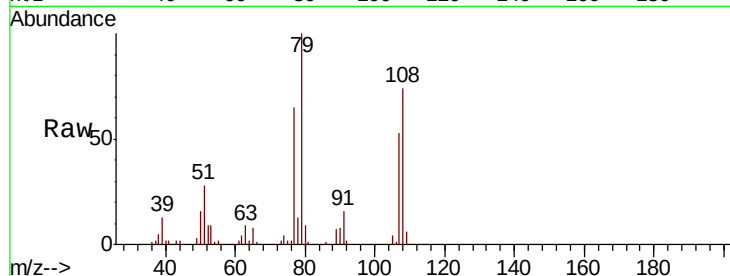
Tot Ion: 79 Resp: 36264

Ion Ratio Lower Upper

79 100

108 73.6 69.4 104.2

77 65.2 49.7 74.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 4.083 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

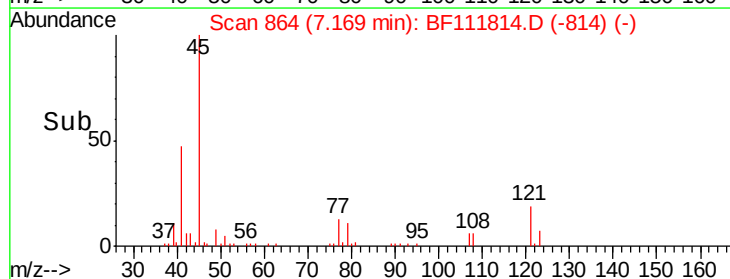
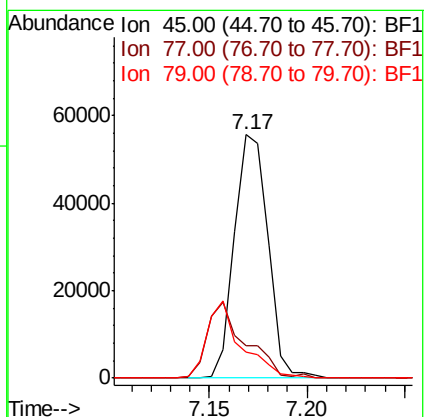
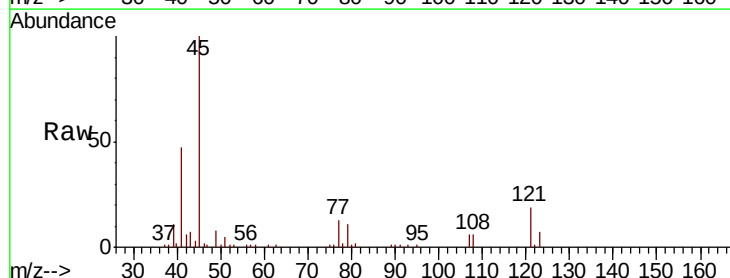
Tgt Ion: 45 Resp: 66345

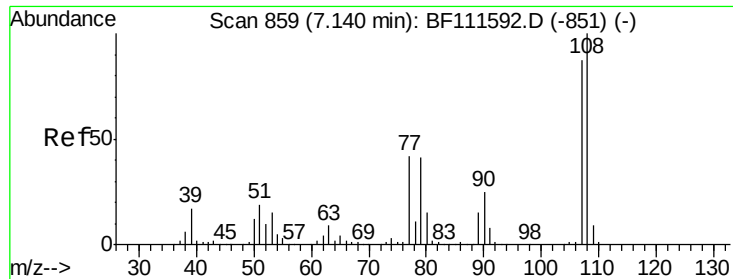
Ion Ratio Lower Upper

45 100

77 13.5 0.0 31.5

79 10.8 0.0 28.9

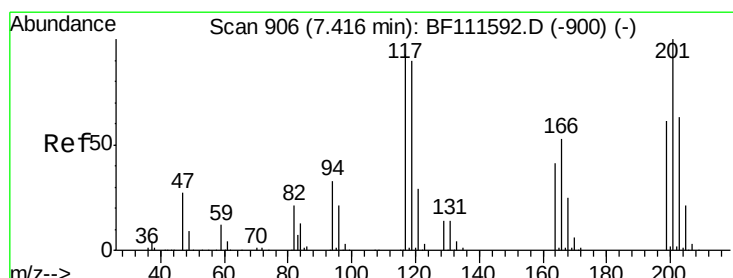
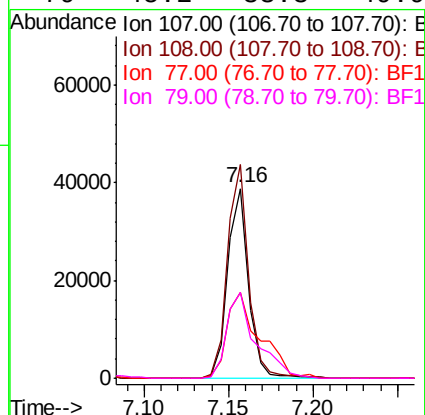
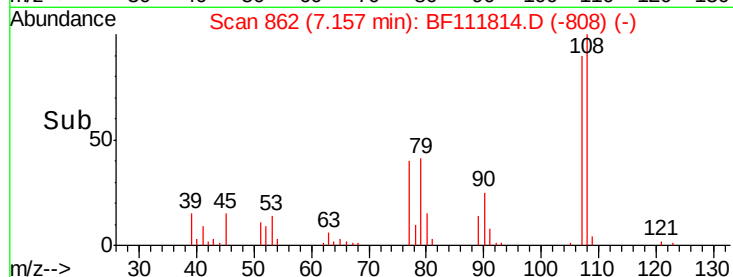
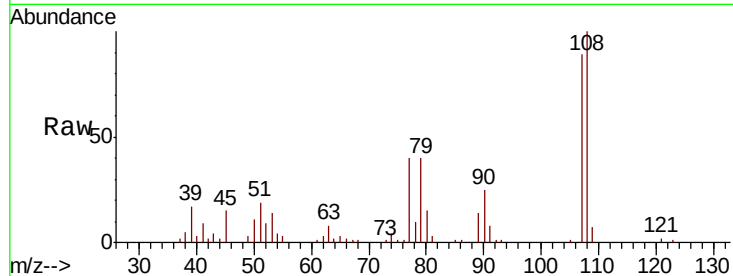




#17
2-Methylphenol
Concen: 4.623 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.02 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

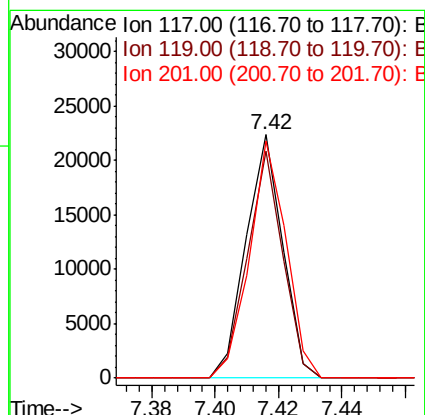
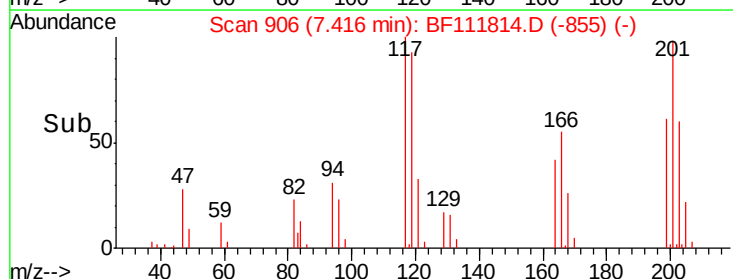
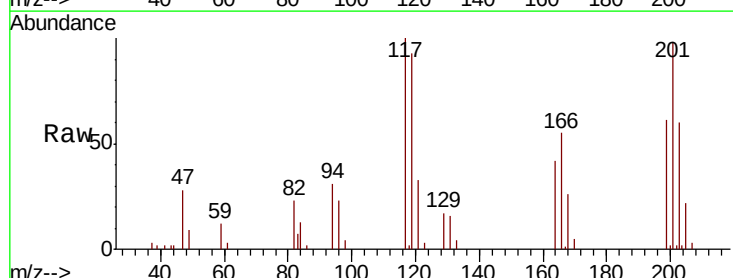
Instrument :
BNA_F
ClientSampleId :

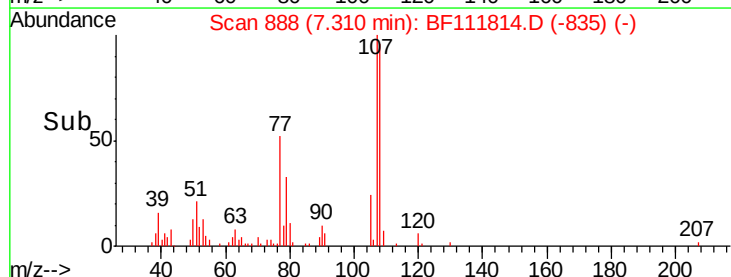
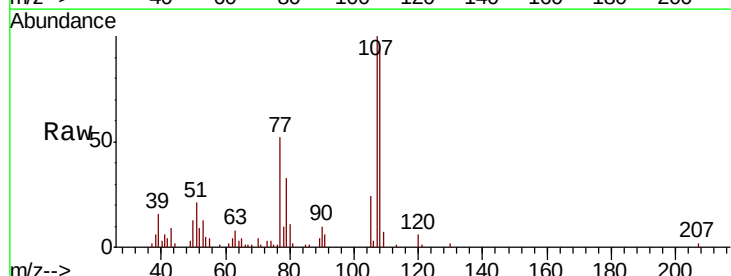
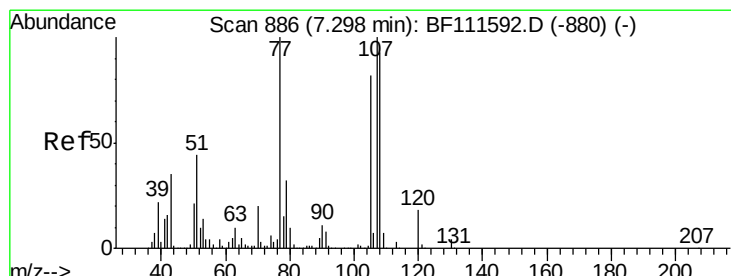
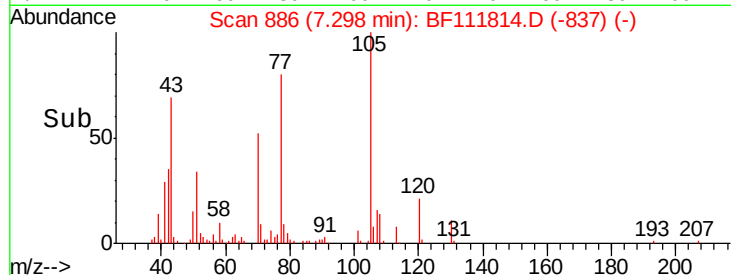
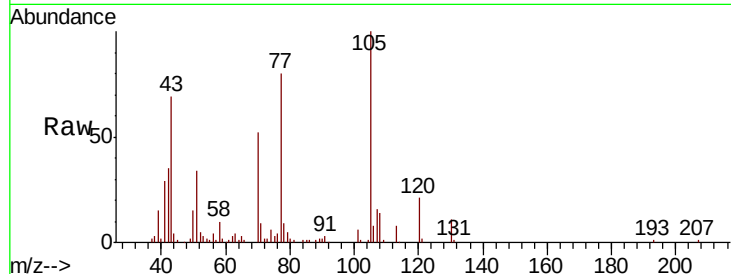
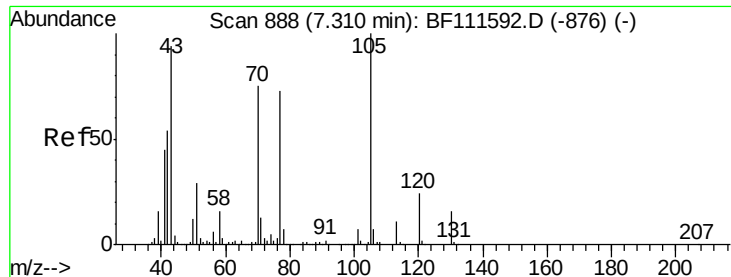
Tot Ion:	107	Resp:	33619
Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.0	136.4
77	44.9	33.5	50.3
79	45.2	33.3	49.9



#18
Hexachloroethane
Concen: 4.980 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion:	117	Resp:	17913
Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.4	113.0
201	97.6	62.4	93.6#

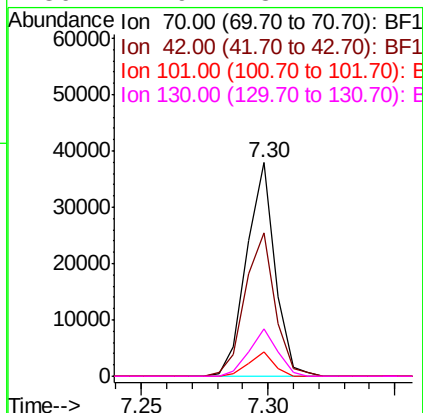




#19
n-Nitroso-di-n-propylamine
Concen: 4.284 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

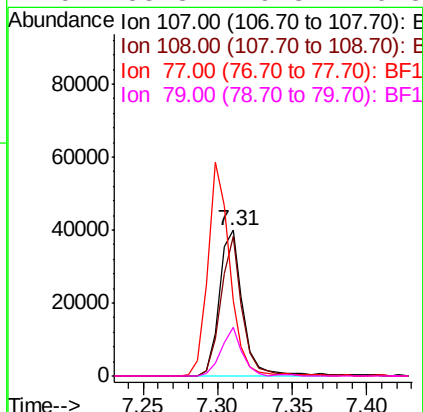
Instrument :
BNA_F
ClientSampleId :

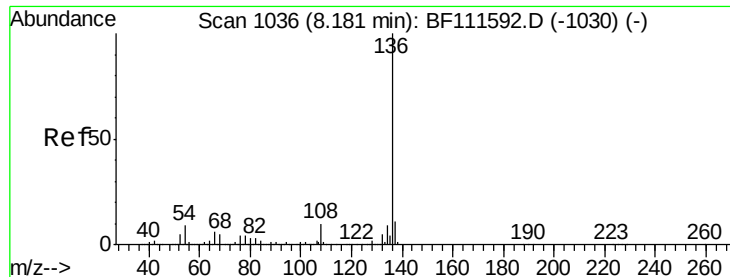
Tot Ion: 70 Resp: 29683
Ion Ratio Lower Upper
70 100
42 67.3 53.2 79.8
101 11.2 8.2 12.4
130 21.9 18.1 27.1



#20
3+4-Methylphenols
Concen: 4.820 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion:107 Resp: 44295
Ion Ratio Lower Upper
107 100
108 95.6 72.1 112.1
77 51.8 94.1 134.1#
79 33.3 9.8 49.8

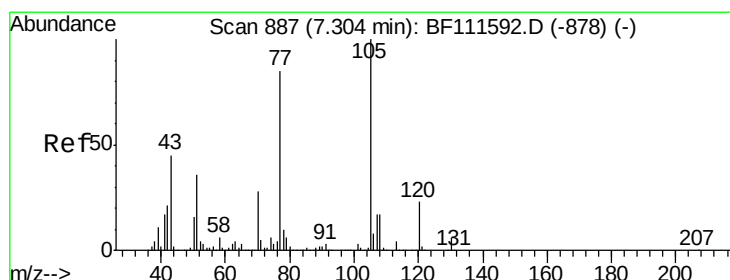
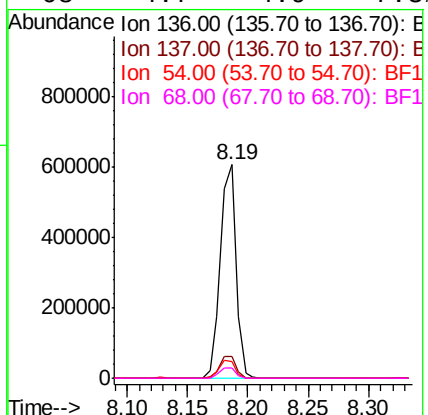
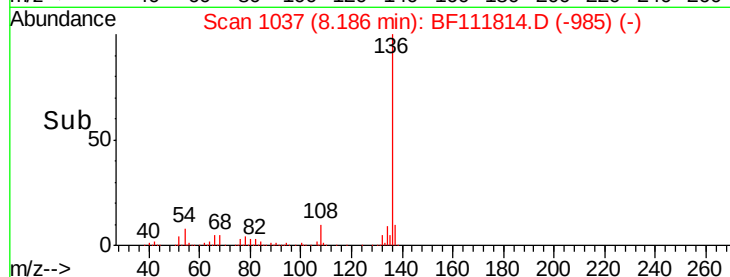
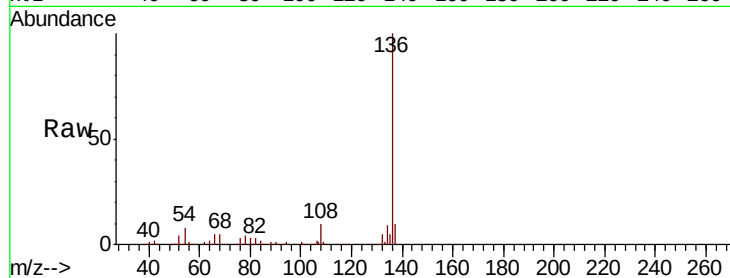




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

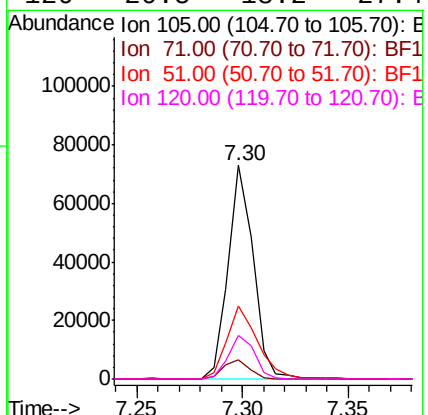
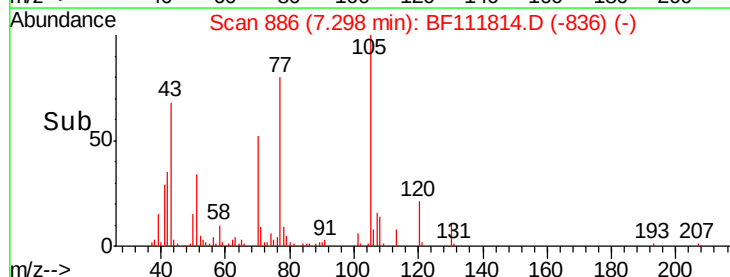
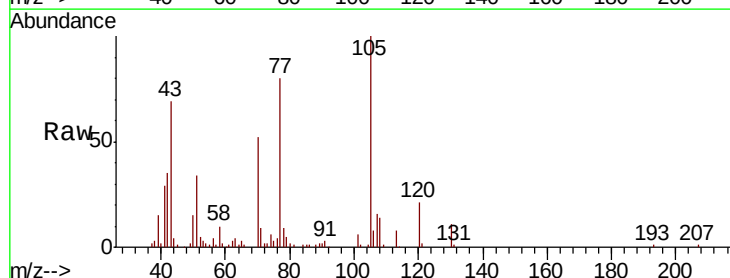
Instrument :
BNA_F
ClientSampleId :

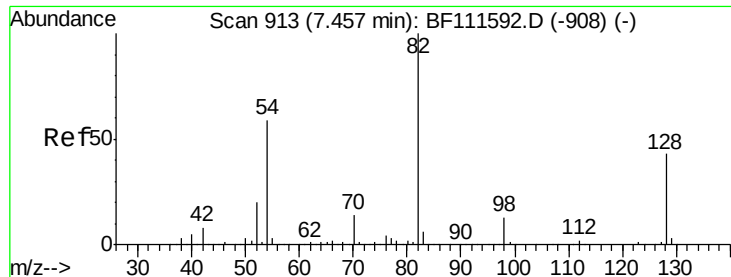
Tot Ion:136	Resp: 544867
Ion Ratio	Lower Upper
136 100	
137 10.4	9.1 13.7
54 7.7	7.7 11.5#
68 4.7	4.9 7.3#



#22
Acetophenone
Concen: 4.358 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion:105	Resp: 60160
Ion Ratio	Lower Upper
105 100	
71 8.8	3.1 4.7#
51 34.2	36.6 54.8#
120 20.5	18.2 27.4

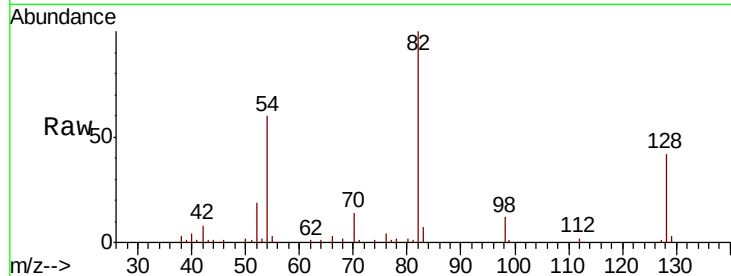




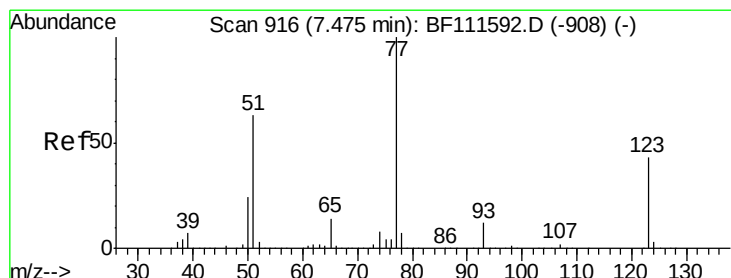
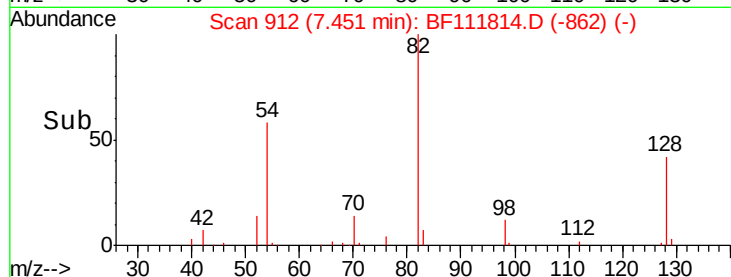
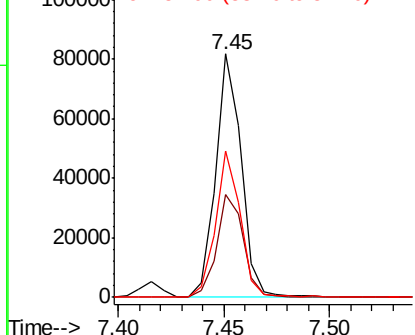
#23
 Nitrobenzene-d5
 Concen: 7.363 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 68919
 Ion Ratio Lower Upper
 82 100
 128 42.0 37.4 56.2
 54 59.9 47.6 71.4

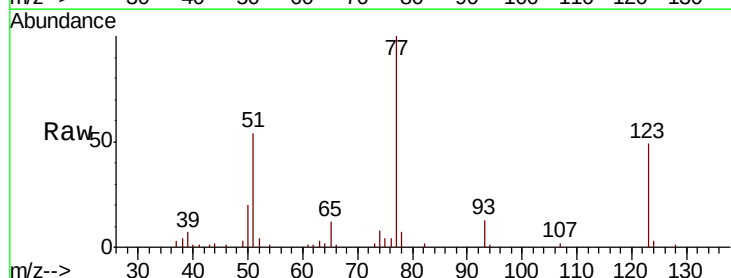


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

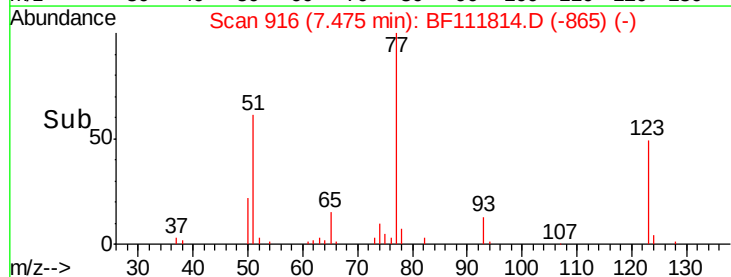
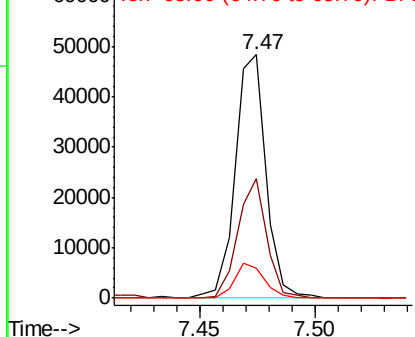


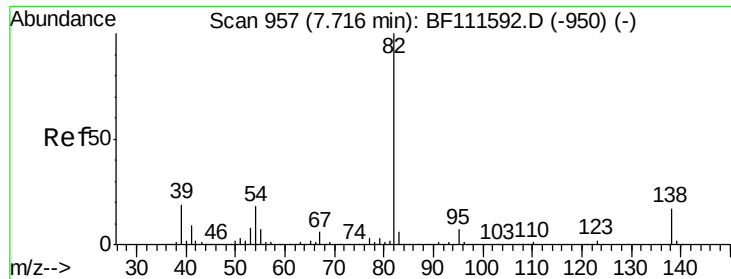
#24
 Nitrobenzene
 Concen: 4.580 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Tgt Ion: 77 Resp: 44929
 Ion Ratio Lower Upper
 77 100
 123 48.9 37.2 55.8
 65 12.3 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 4.681 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

ClientSampled :

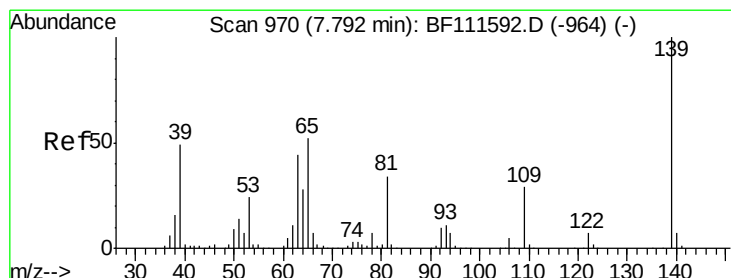
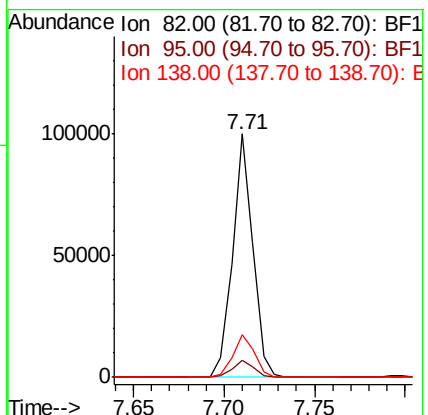
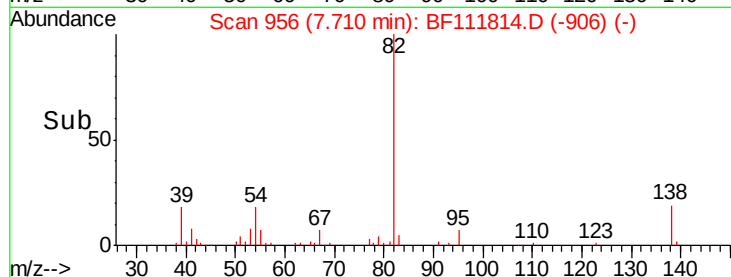
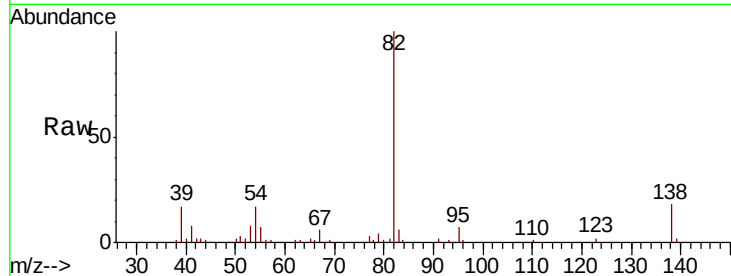
Tot Ion: 82 Resp: 77791

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 17.6 15.1 22.7



#26

2-Nitrophenol

Concen: 4.983 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

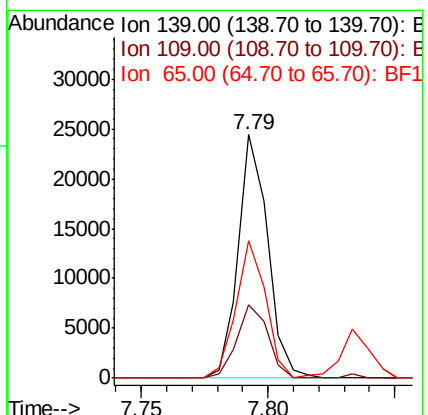
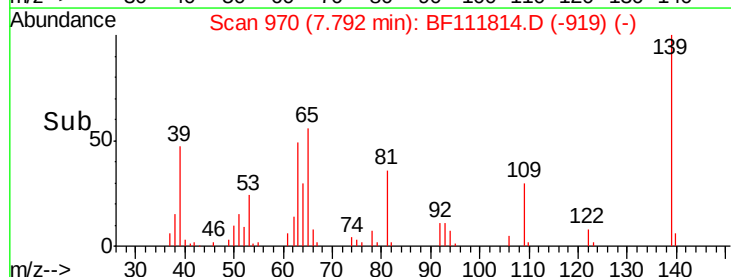
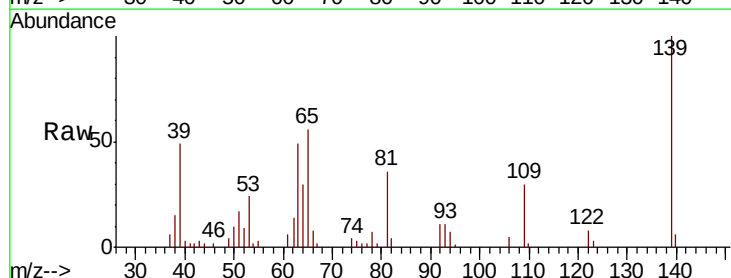
Tgt Ion: 139 Resp: 19826

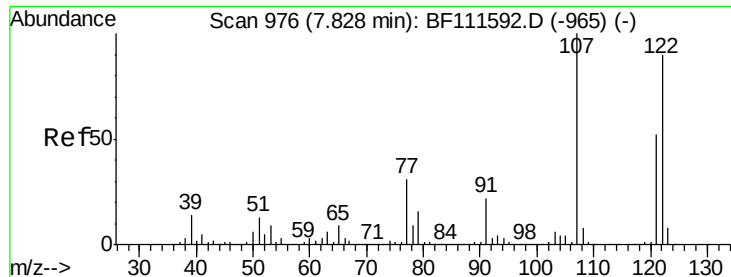
Ion Ratio Lower Upper

139 100

109 30.0 20.2 30.4

65 56.3 40.7 61.1

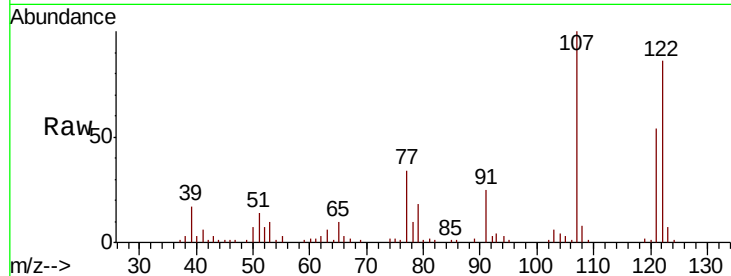




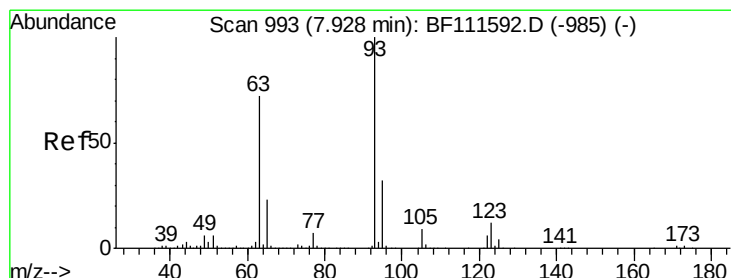
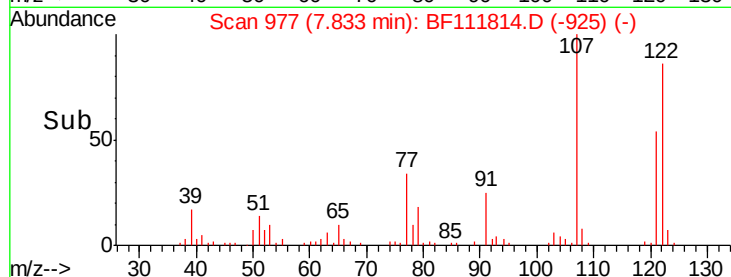
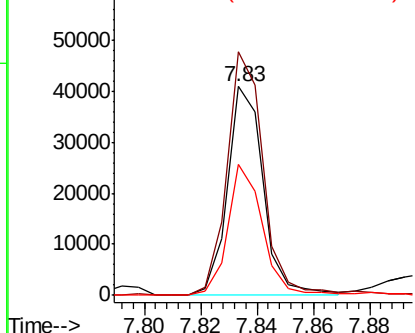
#27
 2,4-Dimethylphenol
 Concen: 4.608 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 36141
 Ion Ratio Lower Upper
 122 100
 107 116.7 85.5 128.3
 121 62.8 46.6 70.0

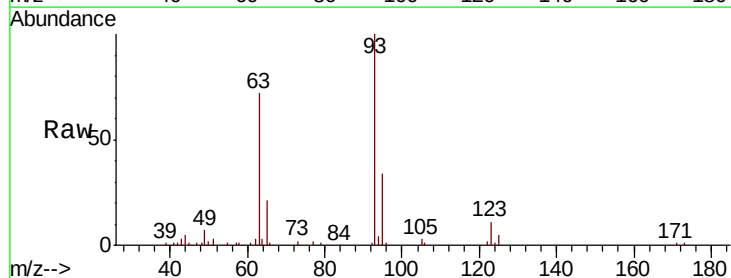


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

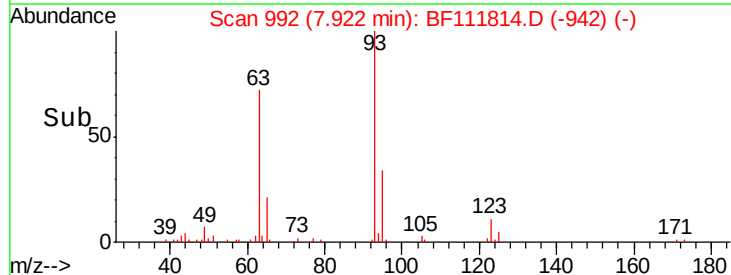
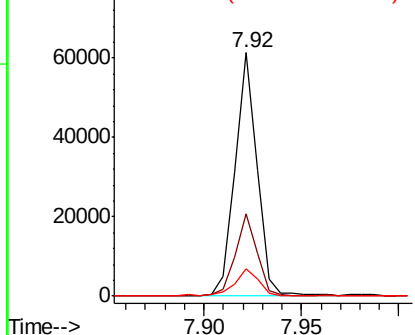


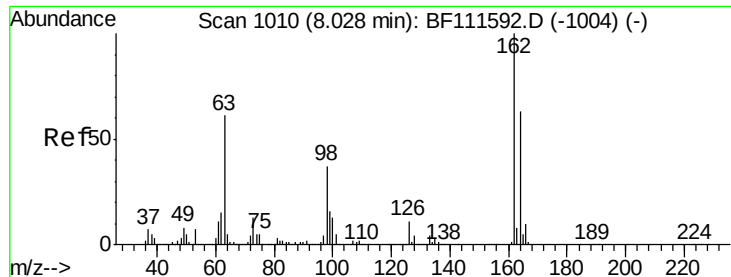
#28
 bis(2-Chloroethoxy)methane
 Concen: 4.367 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Tgt Ion: 93 Resp: 48287
 Ion Ratio Lower Upper
 93 100
 95 33.8 27.1 40.7
 123 11.3 9.9 14.9



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

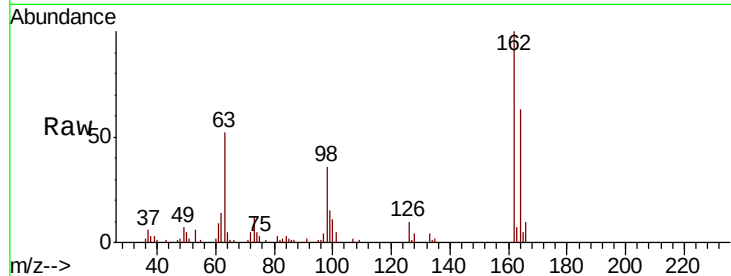




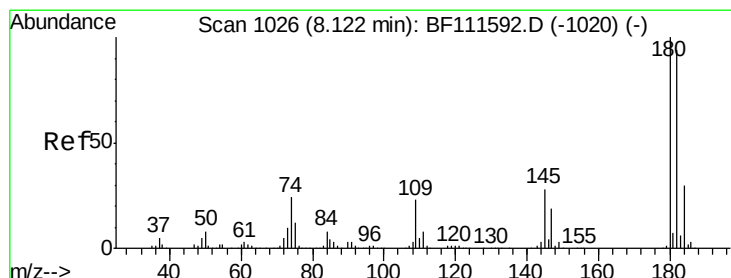
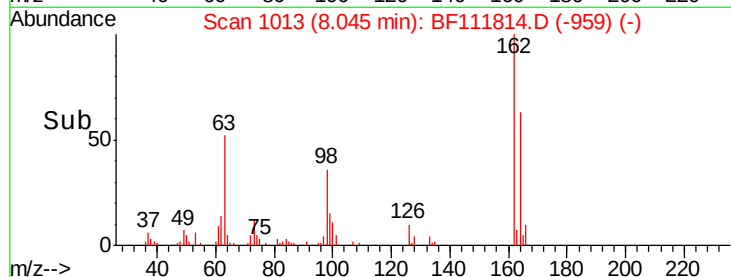
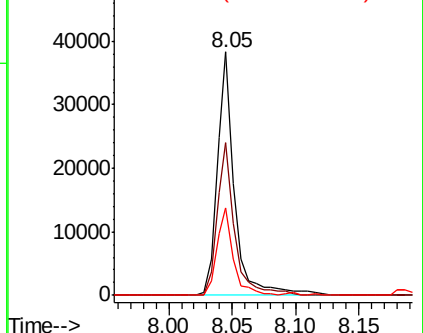
#29
 2,4-Dichlorophenol
 Concen: 4.347 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.02 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 36673
 Ion Ratio Lower Upper
 162 100
 164 62.8 44.4 84.4
 98 36.2 20.3 60.3

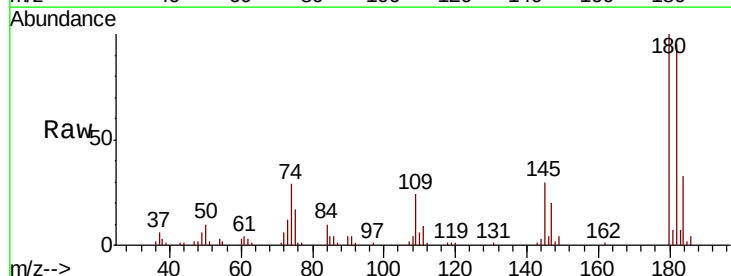


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

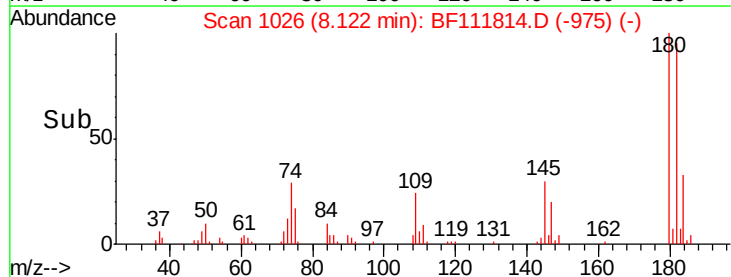
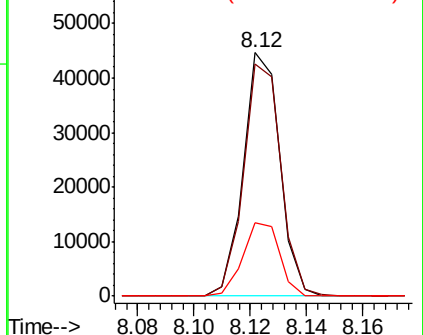


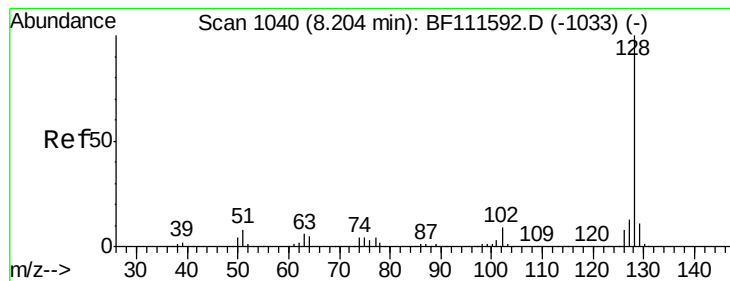
#30
 1,2,4-Trichlorobenzene
 Concen: 4.255 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Tgt Ion:180 Resp: 40007
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.6 113.4
 145 29.9 26.7 40.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 4.890 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

ClientSampleId :

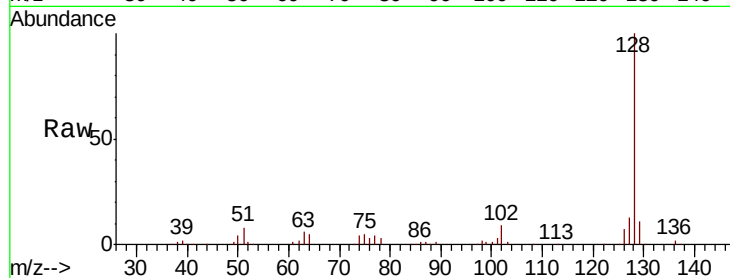
Tot Ion:128 Resp: 128020

Ion Ratio Lower Upper

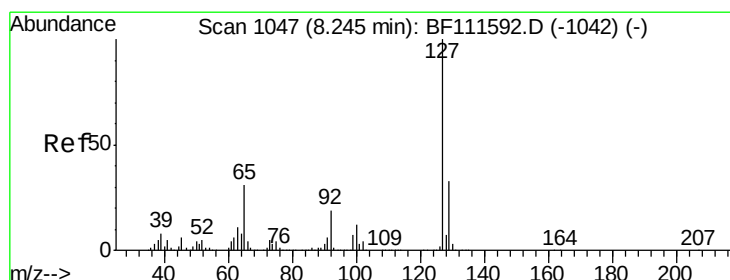
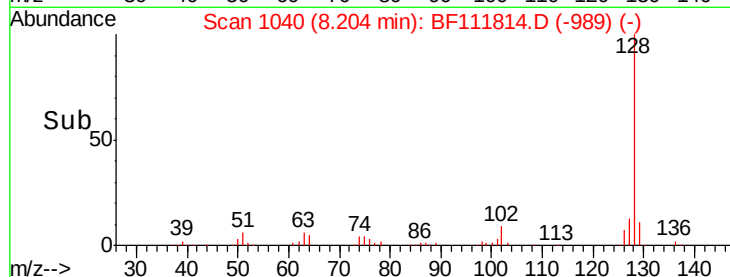
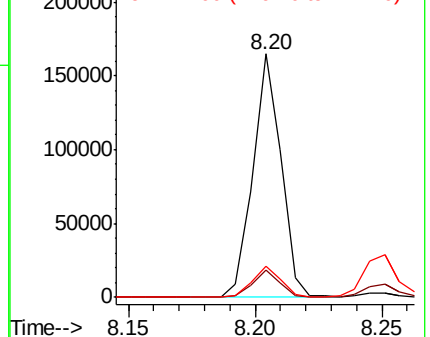
128 100

129 11.3 9.8 14.8

127 12.7 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



#33

4-Chloroaniline

Concen: 2.452 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Tgt Ion:127 Resp: 27746

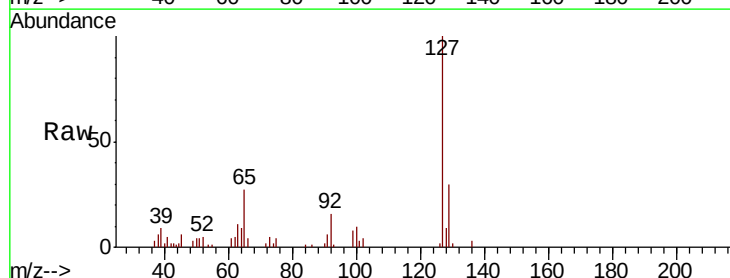
Ion Ratio Lower Upper

127 100

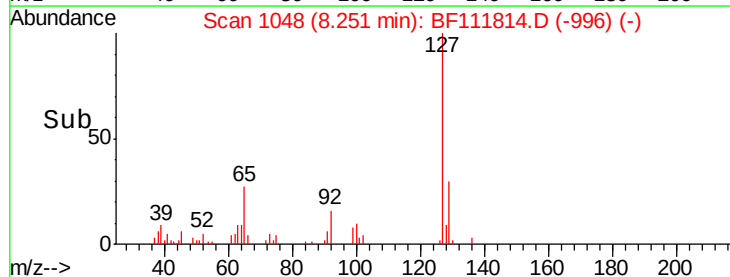
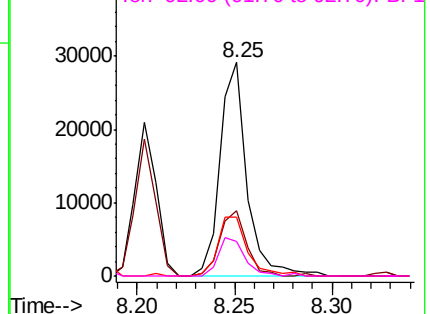
129 30.5 26.6 39.8

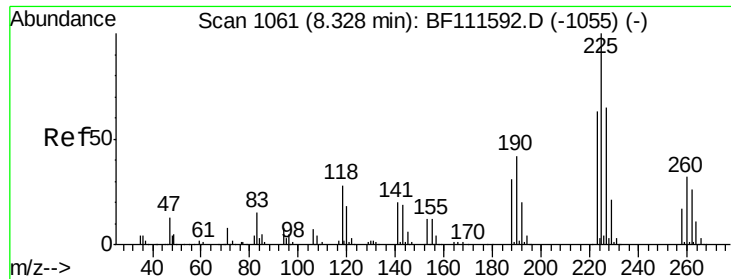
65 27.4 25.7 38.5

92 16.3 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: 4.414 ng

RT: 8.33 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

ClientSampleId :

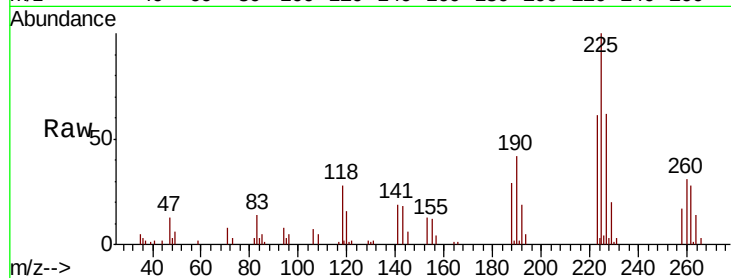
Tot Ion:225 Resp: 25293

Ion Ratio Lower Upper

225 100

223 61.2 50.7 76.1

227 62.3 52.6 78.8

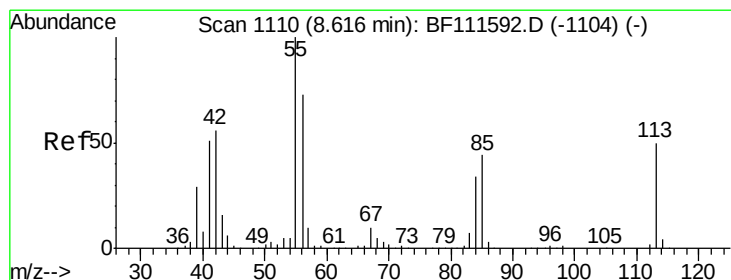
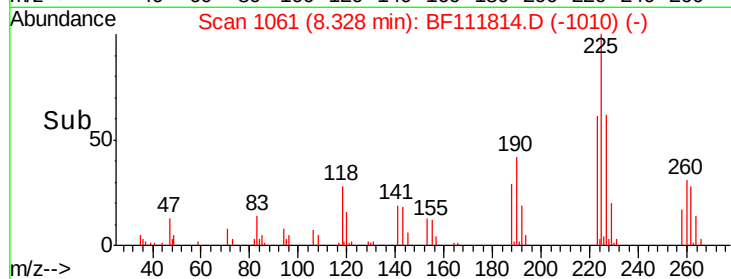
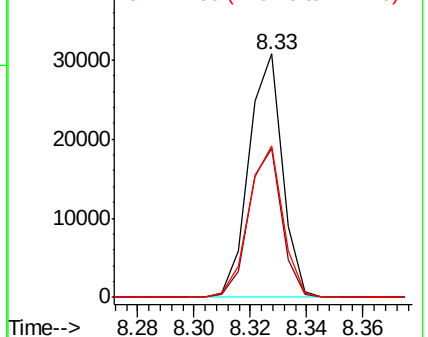


Abundance

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: 3.738 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.05 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

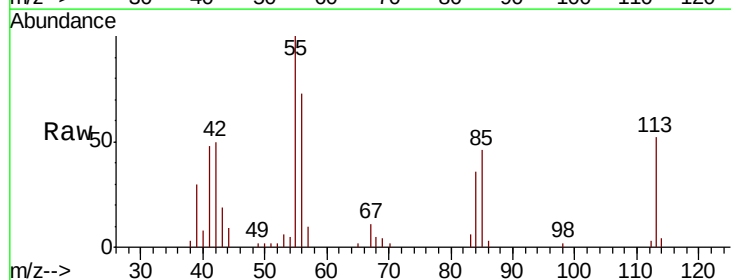
Tgt Ion:113 Resp: 10687

Ion Ratio Lower Upper

113 100

55 193.5 184.1 224.1

56 141.4 126.0 166.0

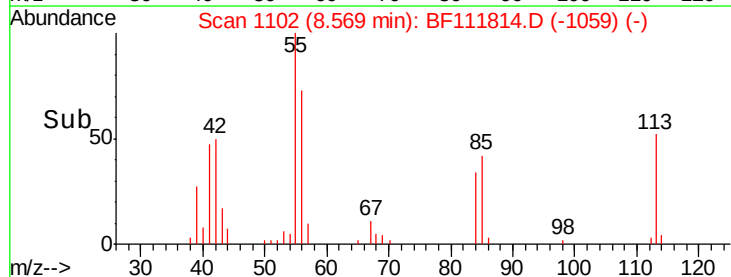
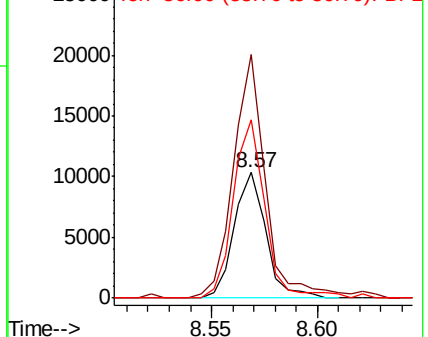


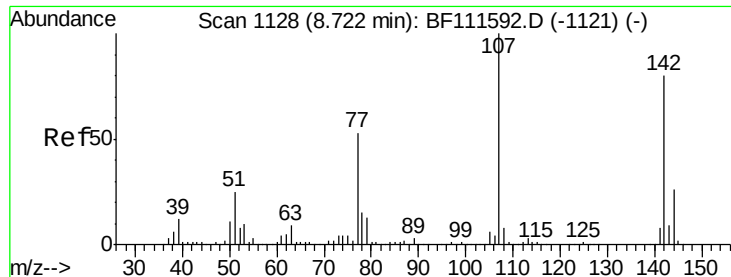
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

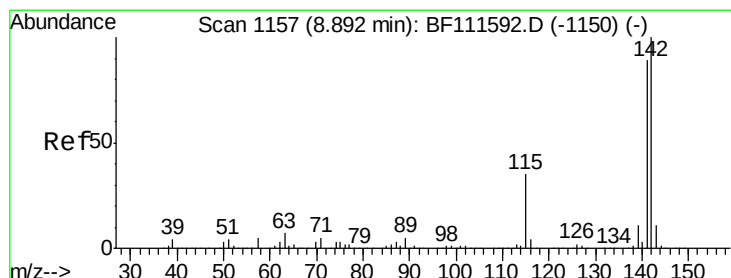
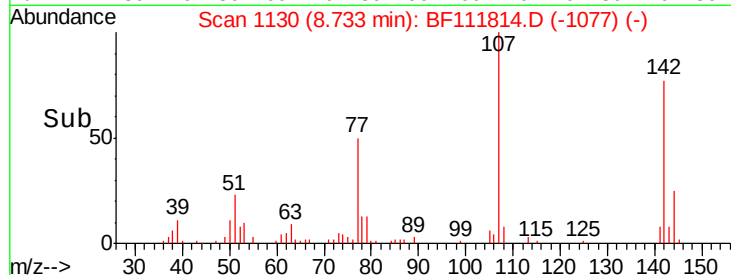
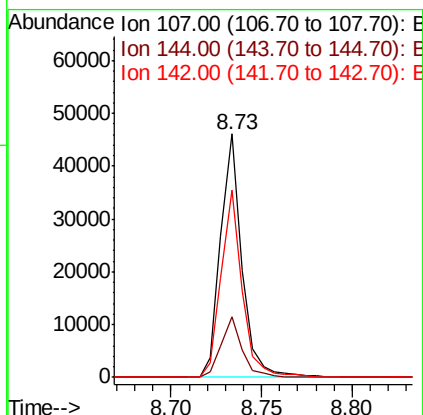
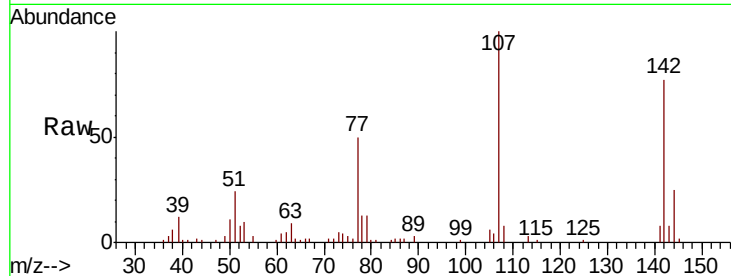




#36
 4-Chloro-3-methylphenol
 Concen: 4.566 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. 0.01 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

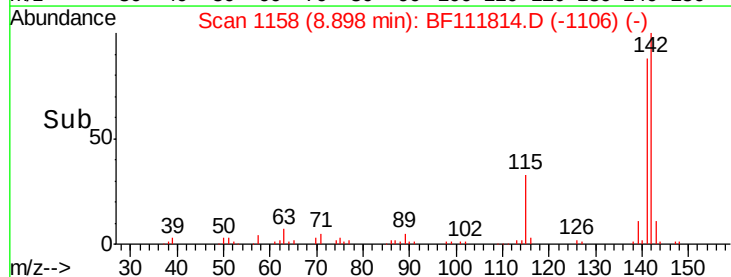
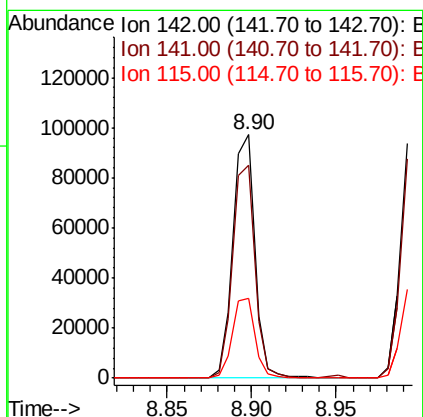
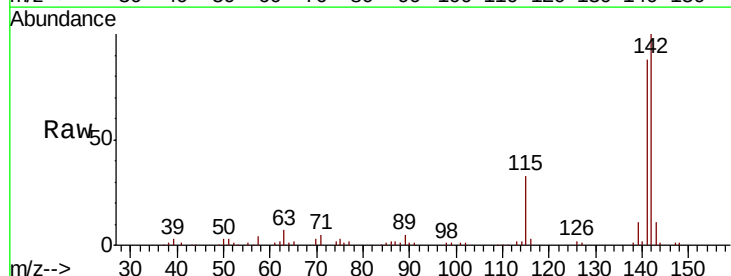
Instrument :
 BNA_F
 ClientSampleId :

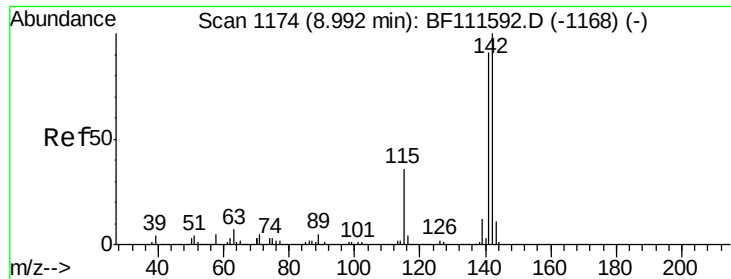
Tot Ion:107 Resp: 37863
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.8 29.6
 142 76.8 62.3 93.5



#37
 2-Methylnaphthalene
 Concen: 5.167 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.01 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Tgt Ion:142 Resp: 88006
 Ion Ratio Lower Upper
 142 100
 141 87.7 70.6 105.8
 115 32.9 27.0 40.6

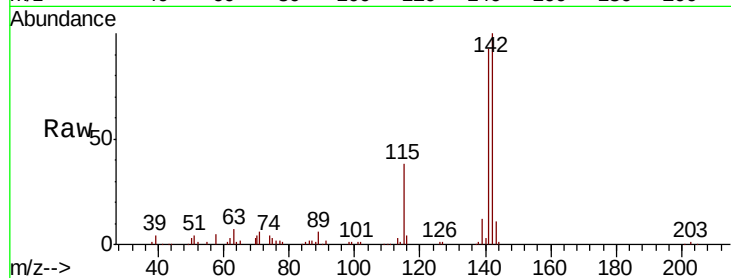




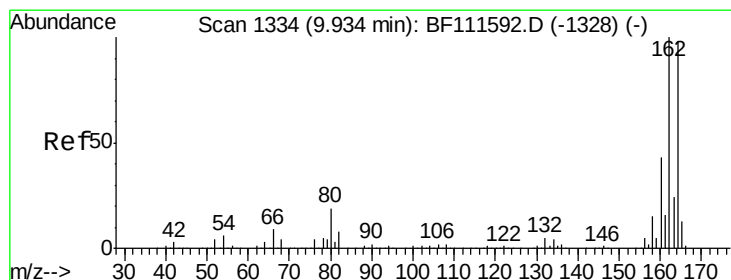
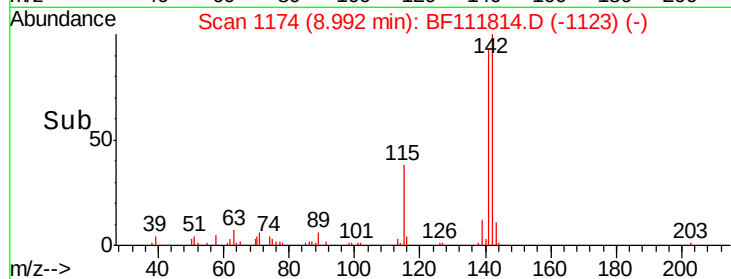
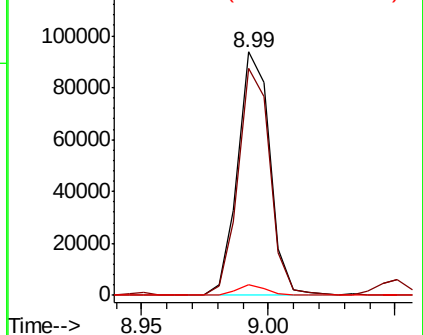
#38
1-Methylnaphthalene
Concen: 5.066 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 82867
Ion Ratio Lower Upper
142 100
141 93.3 74.2 111.4
116 4.2 2.9 4.3

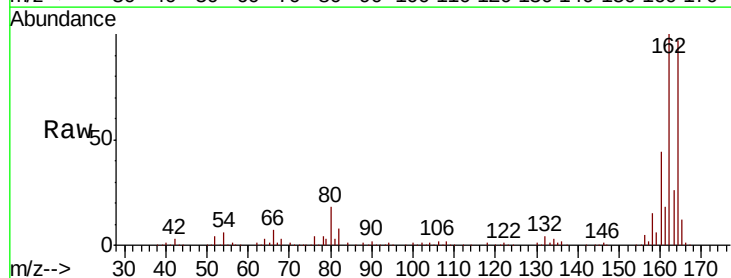


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

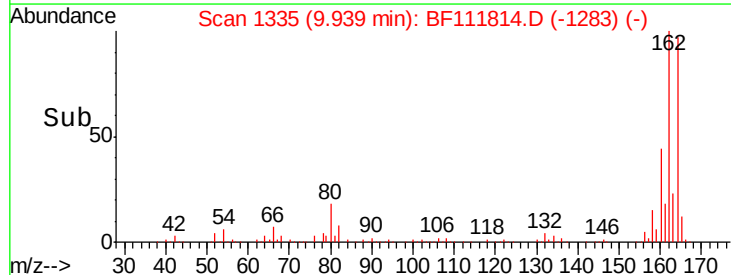
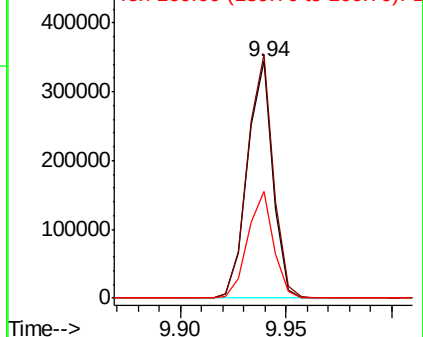


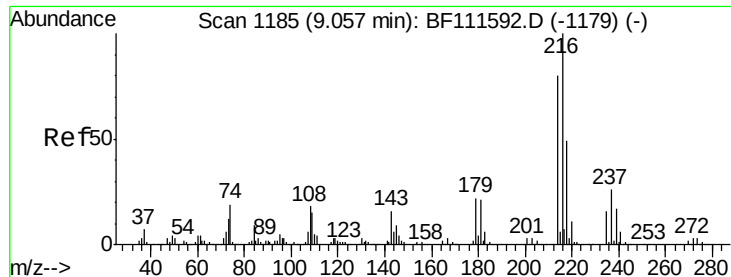
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion:164 Resp: 287426
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.0
160 45.0 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: 4.456 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 42083

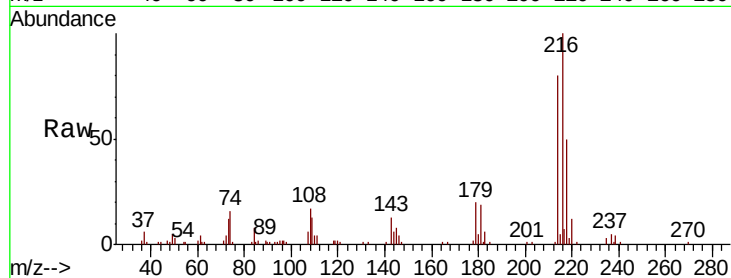
Ion Ratio Lower Upper

216 100

214 78.8 63.8 95.8

179 20.5 17.9 26.9

108 19.9 18.4 27.6

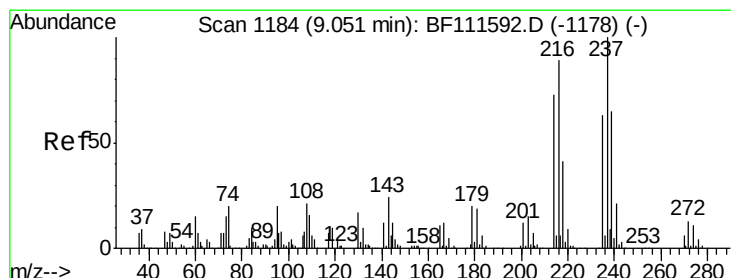
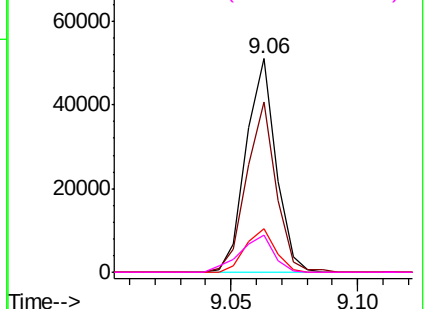
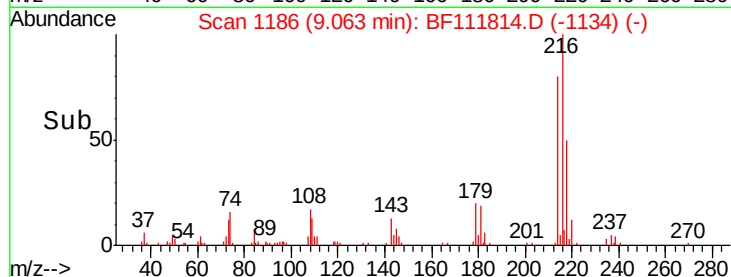


Abundance Ion 216.00 (215.70 to 216.70): E

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: 9.421 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

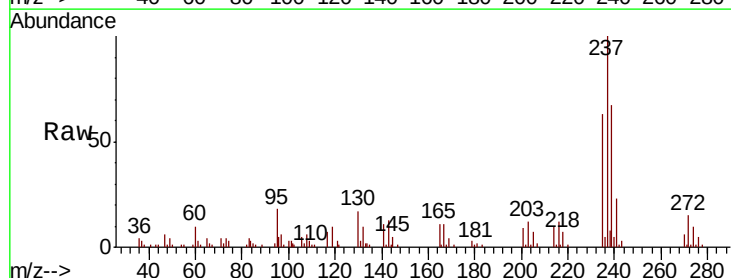
Tgt Ion:237 Resp: 43180

Ion Ratio Lower Upper

237 100

235 63.0 43.1 83.1

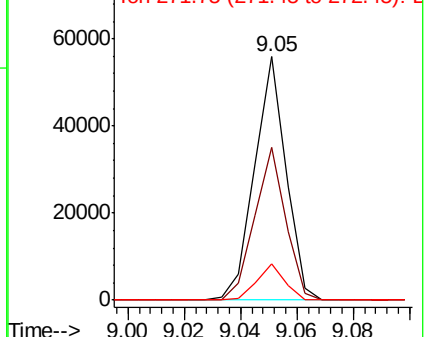
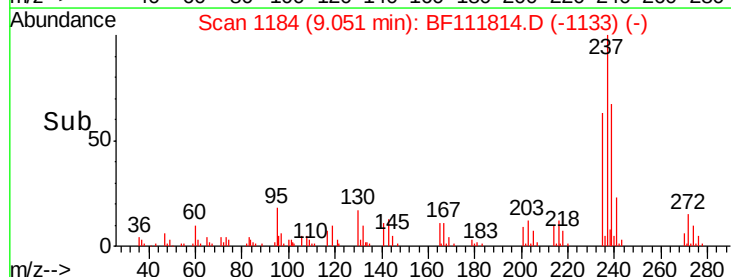
272 15.1 0.0 33.0

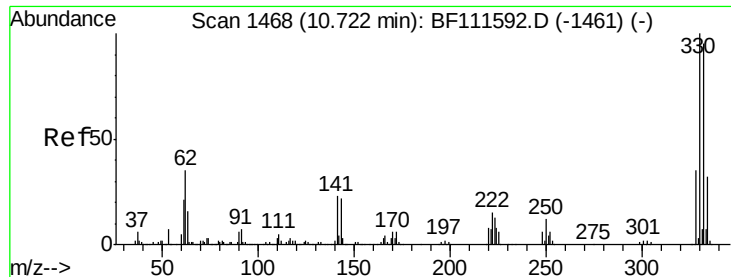


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

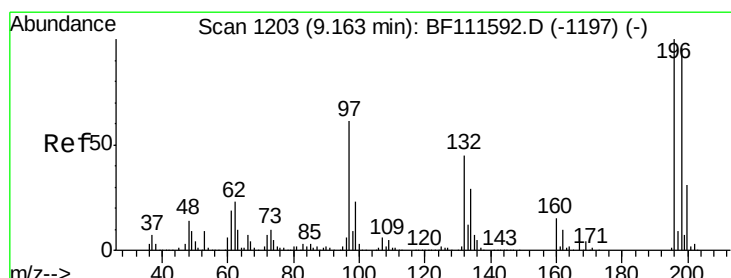
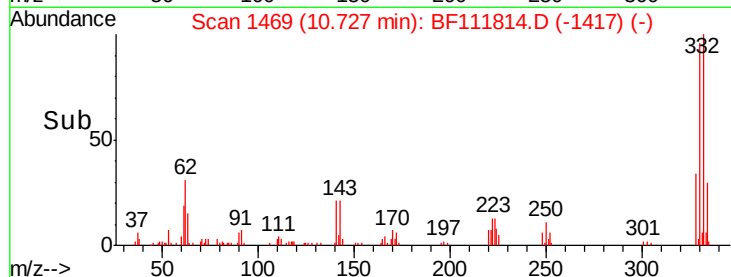
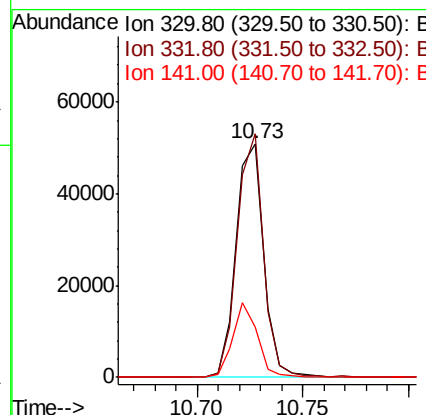
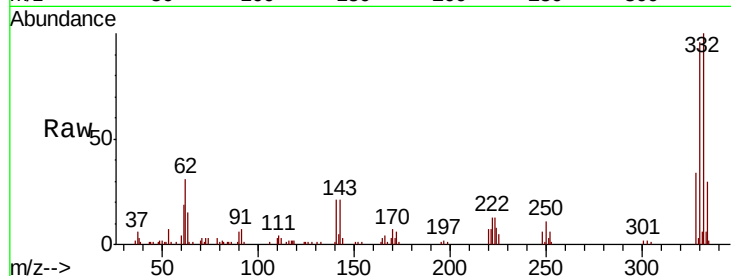




#42
 2,4,6-Tribromophenol
 Concen: 13.476 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

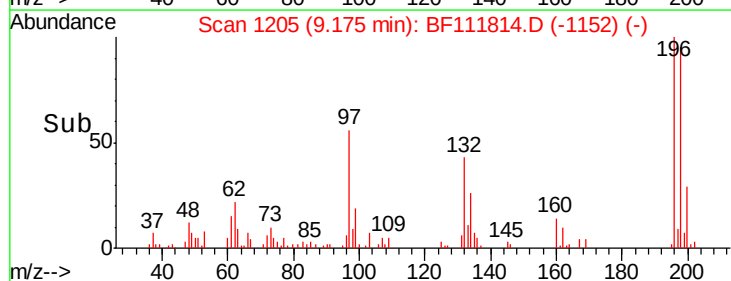
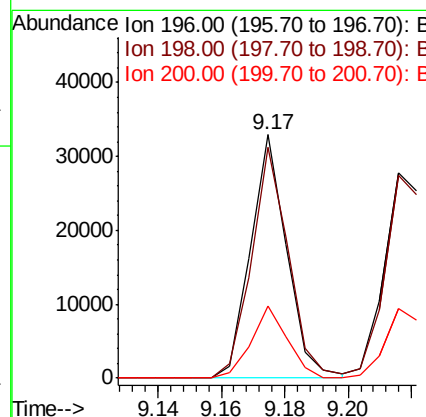
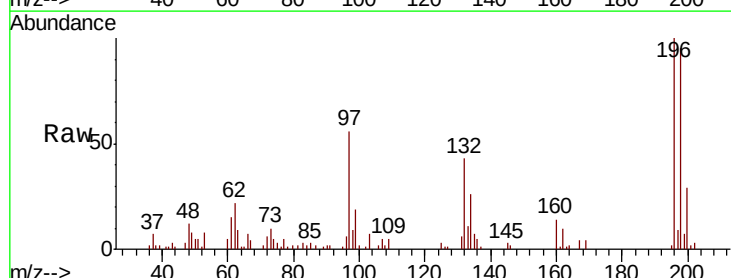
Instrument :
 BNA_F
 ClientSampleId :

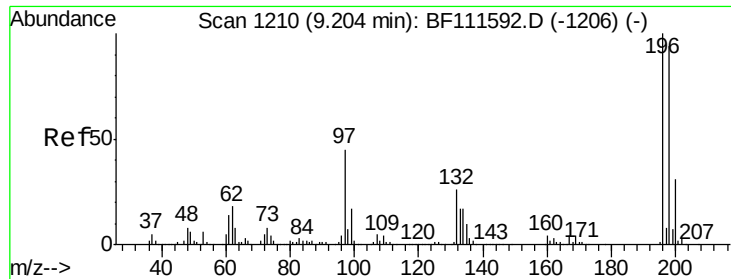
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.0	114.0
141	28.5	31.0	46.6#



#43
 2,4,6-Trichlorophenol
 Concen: 4.147 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.3	114.5
200	29.4	24.9	37.3

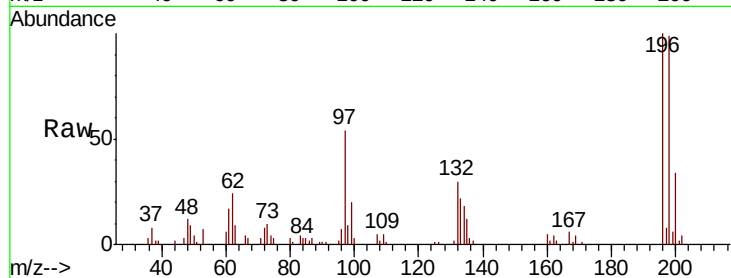




#44
2,4,5-Trichlorophenol
Concen: 4.395 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampled :

Tot Ion	196	Resp	28433
Ion Ratio	100	Lower	Upper
196	100		
198	98.7	72.9	109.3
97	54.1	45.3	67.9
132	29.9	25.5	38.3



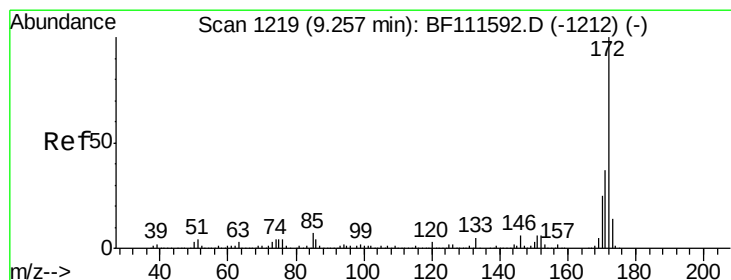
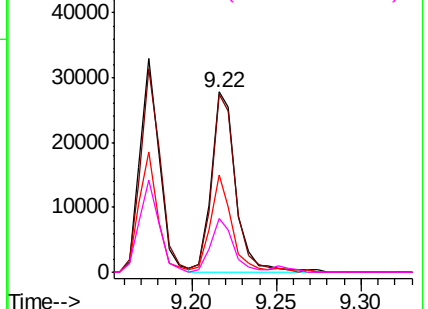
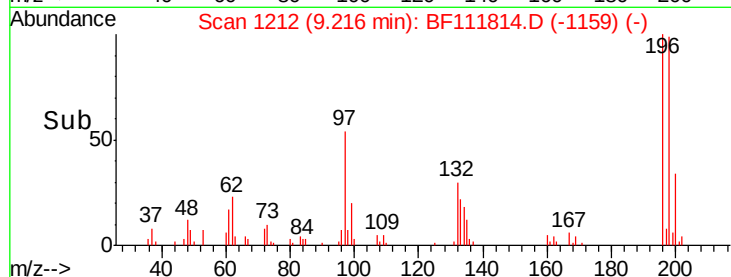
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

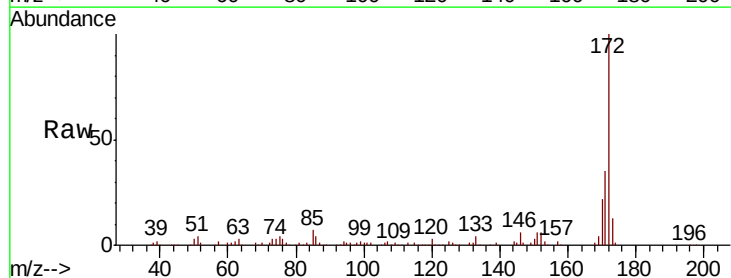
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
2-Fluorobiphenyl
Concen: 7.961 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion	172	Resp	156989
Ion Ratio	100	Lower	Upper
172	100		
171	34.7	33.0	49.4
170	22.5	22.3	33.5

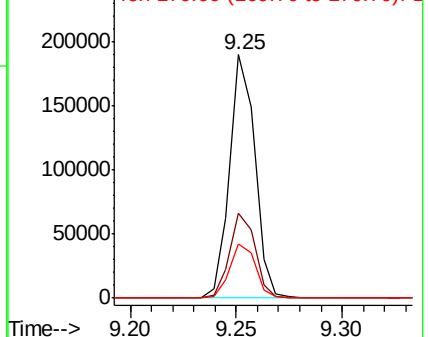
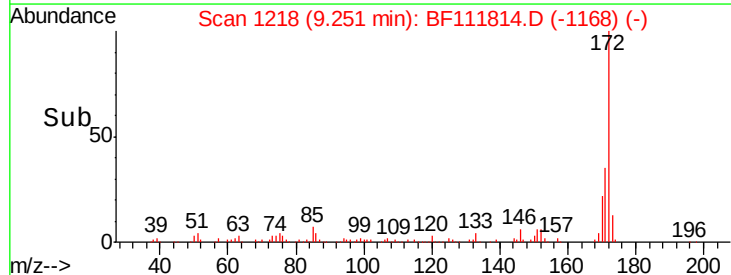


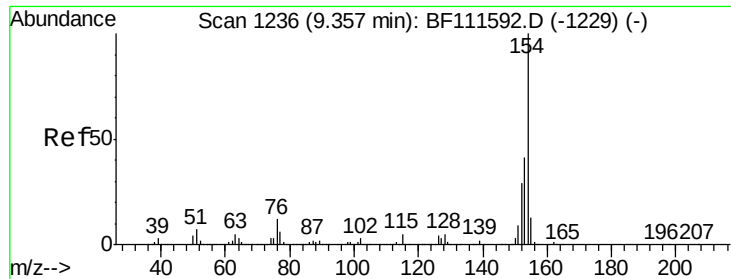
Abundance

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

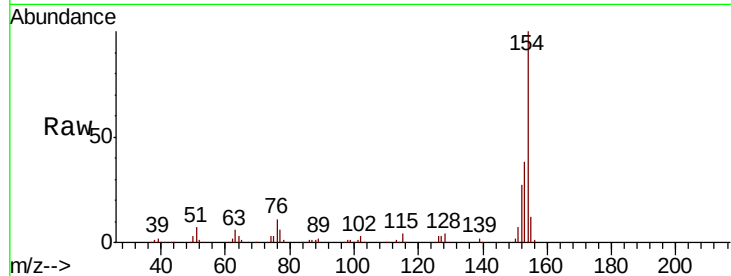




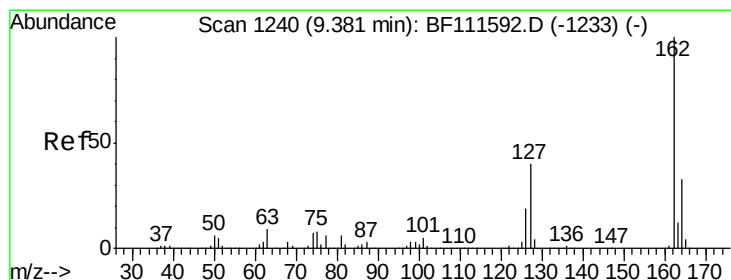
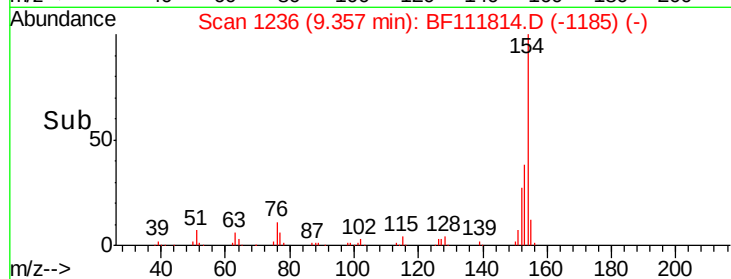
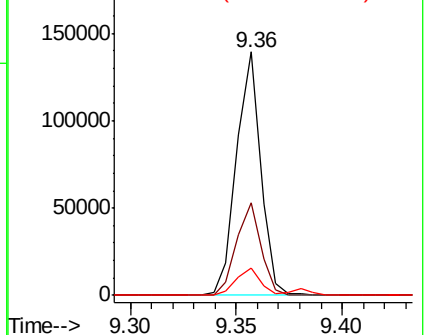
#46
 1,1'-Biphenyl
 Concen: 4.551 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	37.9	23.7	63.7
76	11.0	0.0	35.0

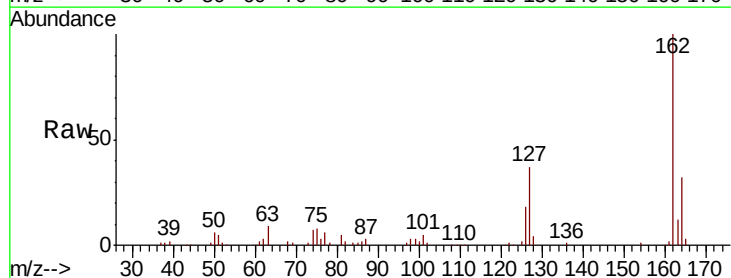


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

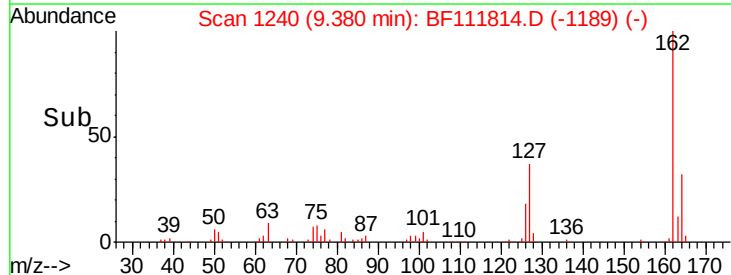
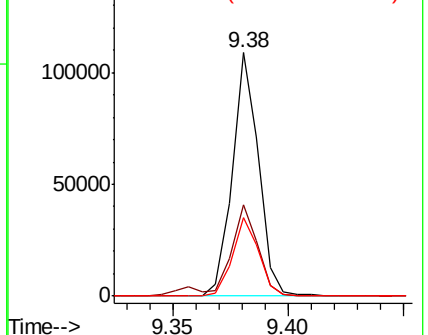


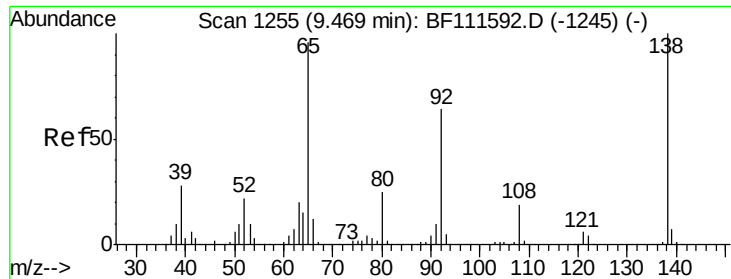
#47
 2-Chloronaphthalene
 Concen: 4.455 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.5	35.0	52.4
164	32.1	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

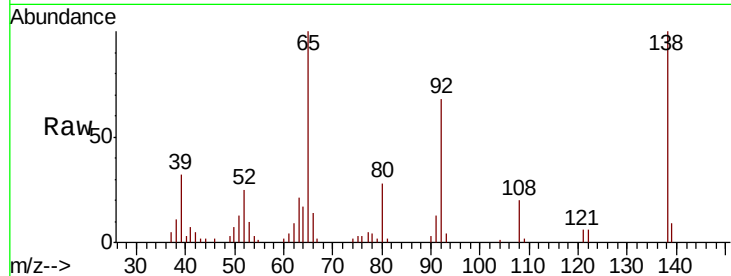




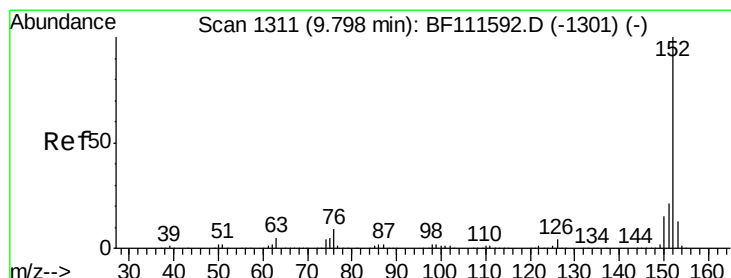
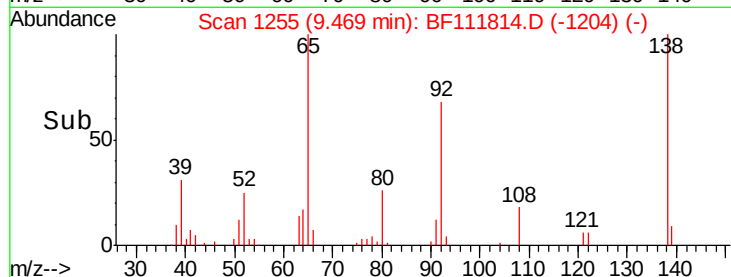
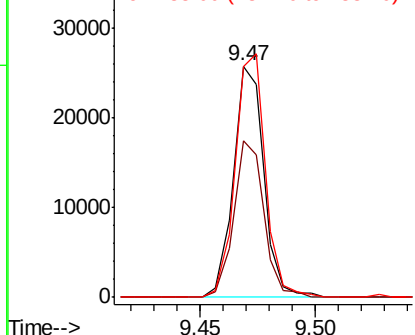
#48
2-Nitroaniline
Concen: 4.744 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 23723
Ion Ratio Lower Upper
65 100
92 67.6 53.5 80.3
138 99.9 80.9 121.3

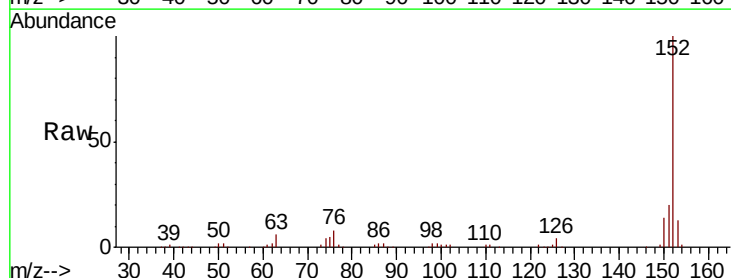


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

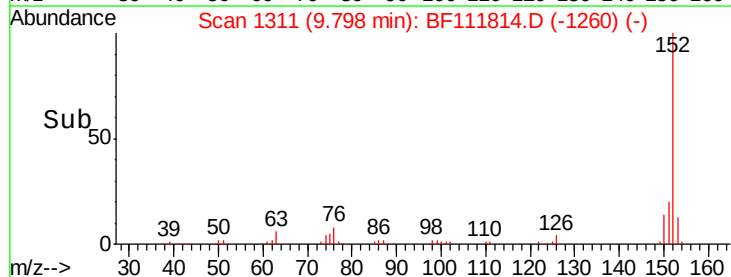
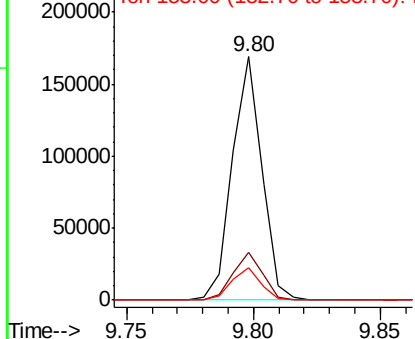


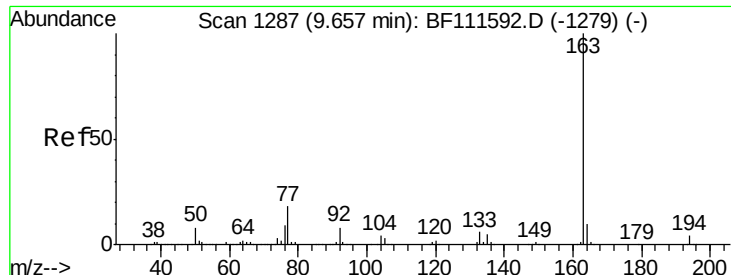
#49
Acenaphthylene
Concen: 4.853 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion: 152 Resp: 136222
Ion Ratio Lower Upper
152 100
151 19.5 18.0 27.0
153 13.3 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

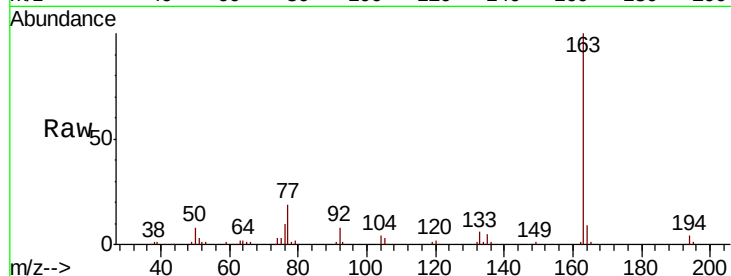




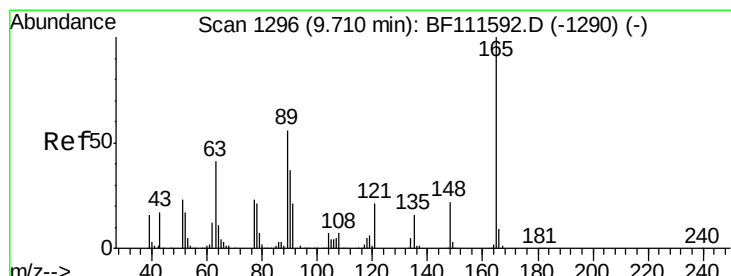
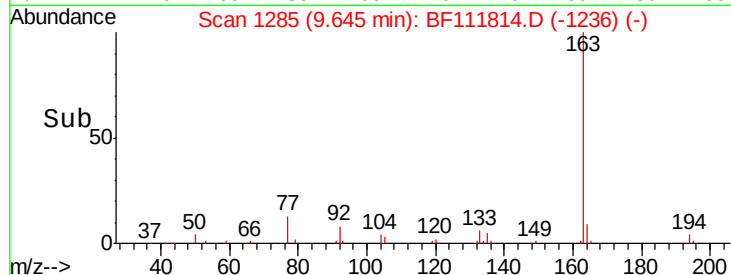
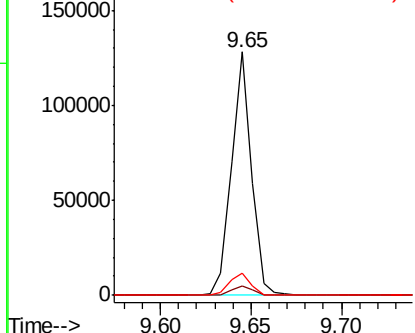
#50
Dimethylphthalate
Concen: 4.689 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	9.4	8.9	13.3

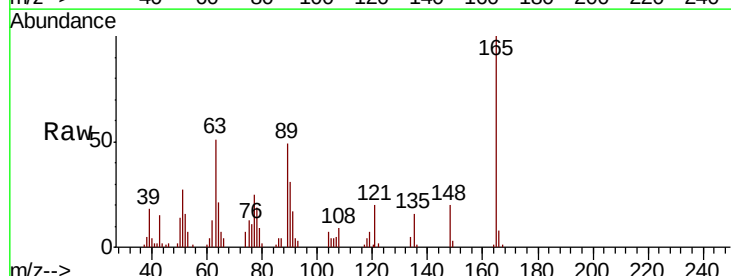


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

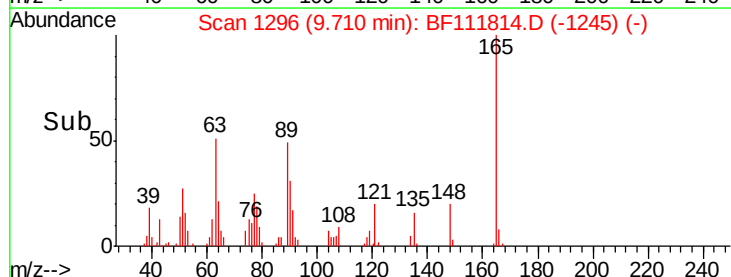
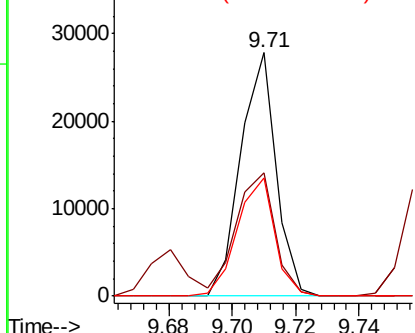


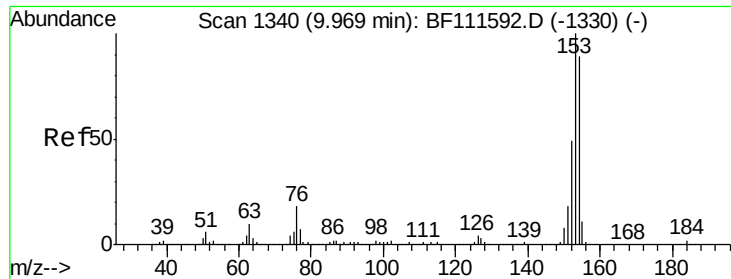
#51
2,6-Dinitrotoluene
Concen: 5.137 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.7	40.5	60.7
89	48.6	40.0	60.0



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





#52

Acenaphthene

Concen: 4.735 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

ClientSampled :

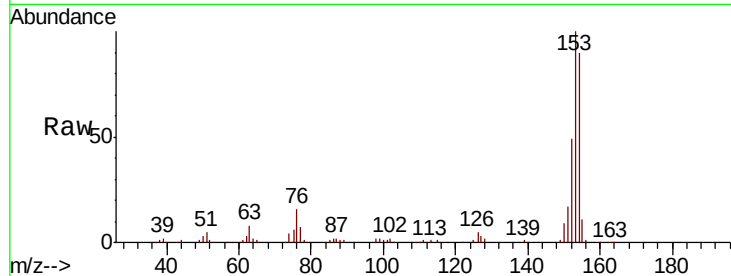
Tot Ion:154 Resp: 81970

Ion Ratio Lower Upper

154 100

153 111.7 87.8 131.8

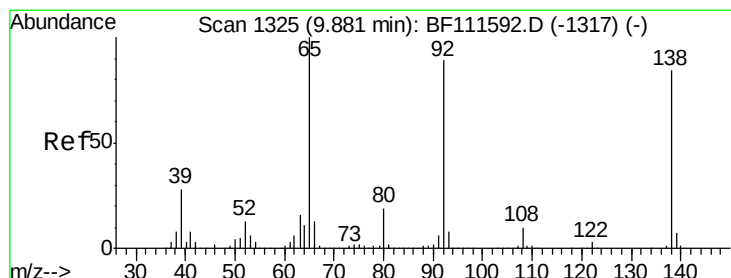
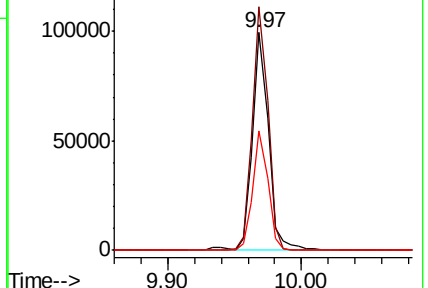
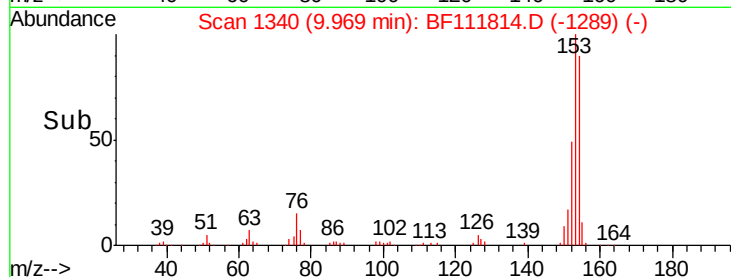
152 54.8 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 3.982 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

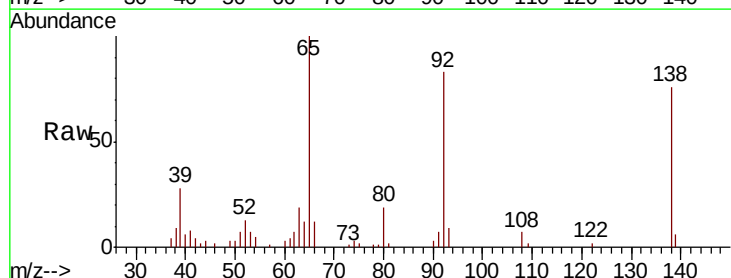
Tgt Ion:138 Resp: 17799

Ion Ratio Lower Upper

138 100

108 9.9 8.2 12.4

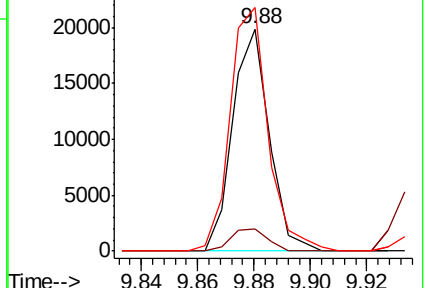
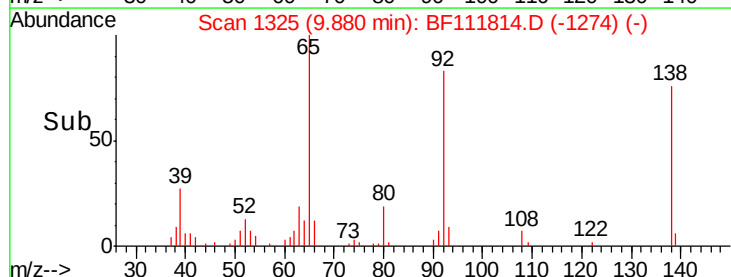
92 109.7 93.4 140.2

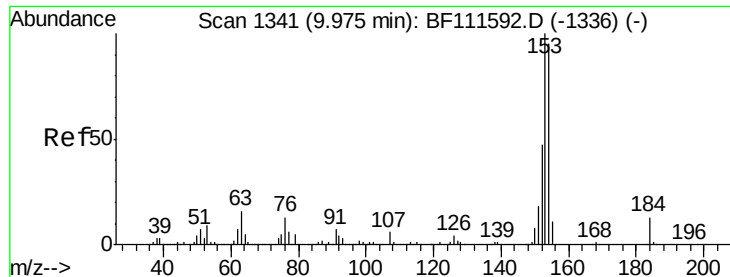


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

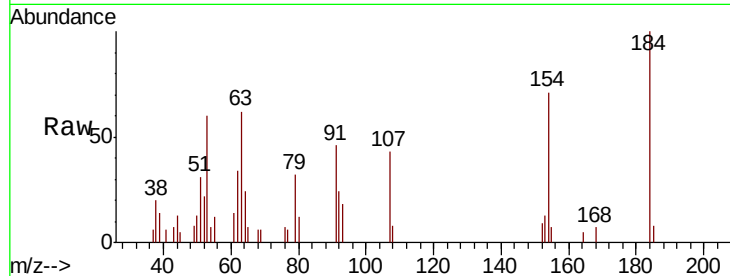




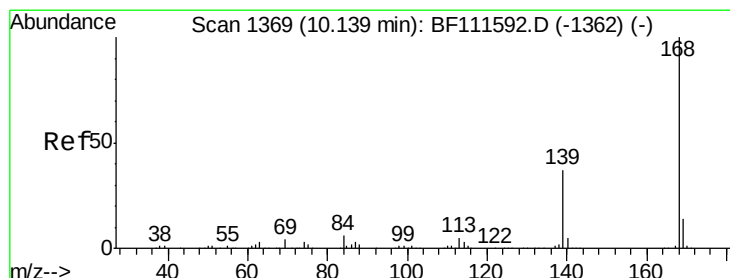
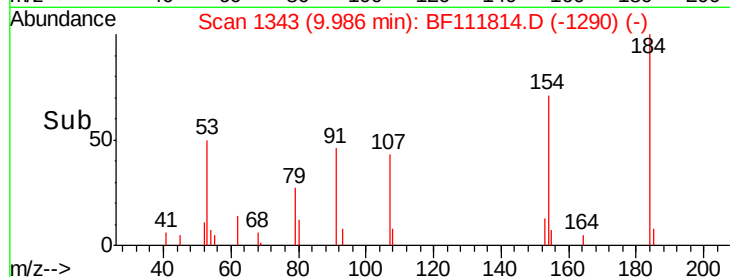
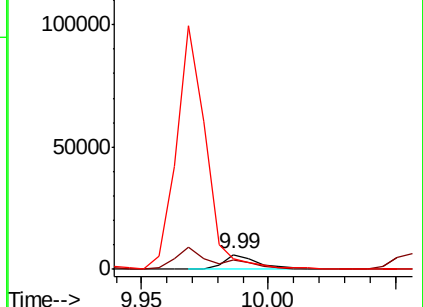
#54
2,4-Dinitrophenol
Concen: 11.298 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 5907
Ion Ratio Lower Upper
184 100
63 61.8 62.3 93.5#
154 71.0 56.2 84.2

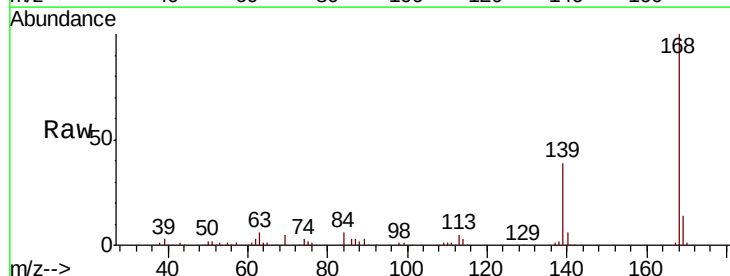


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

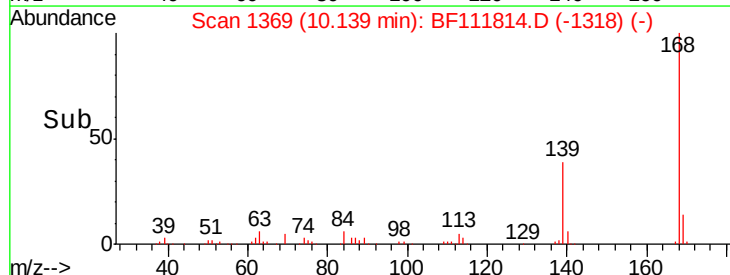
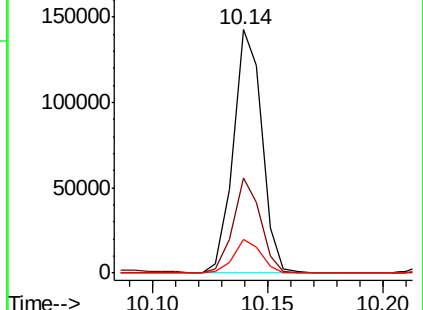


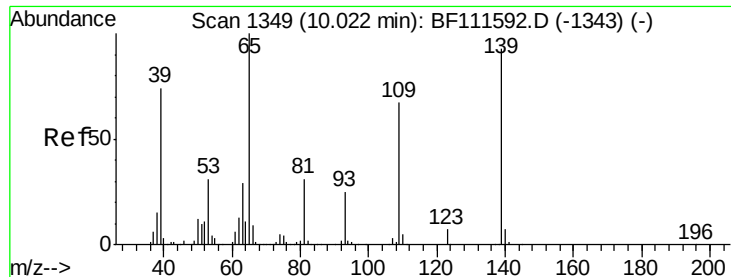
#55
Dibenzofuran
Concen: 4.710 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion:168 Resp: 123189
Ion Ratio Lower Upper
168 100
139 38.9 32.6 49.0
169 13.6 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

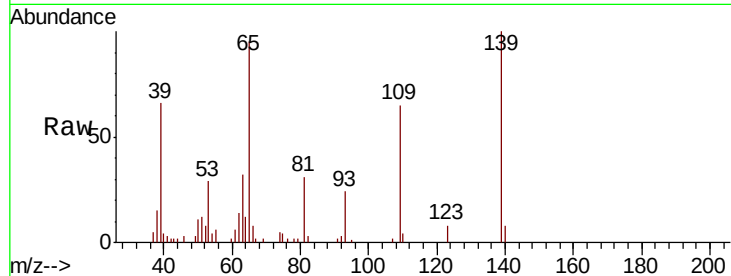




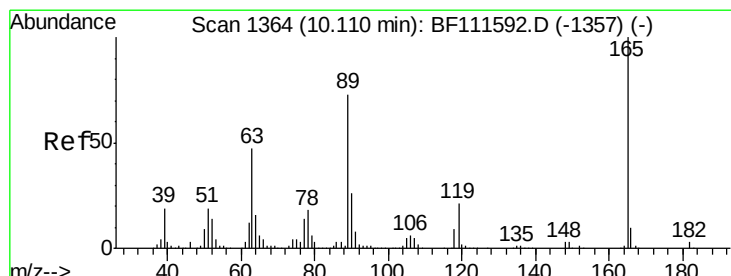
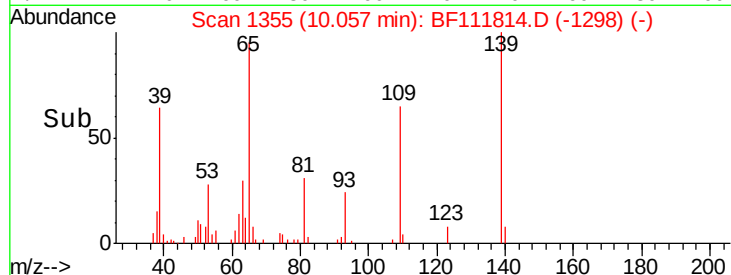
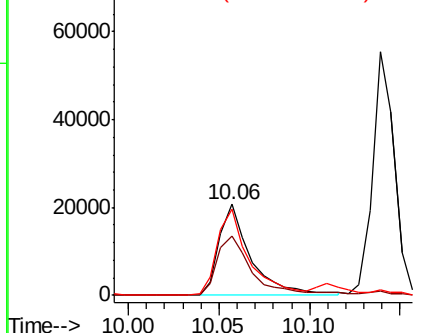
#56
4-Nitrophenol
Concen: 7.468 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.04 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 25474
Ion Ratio Lower Upper
139 100
109 65.0 41.8 81.8
65 95.0 79.6 119.6

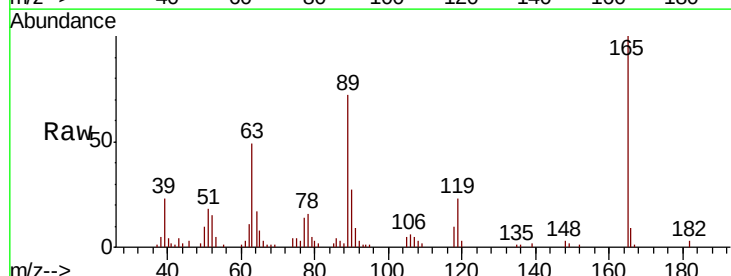


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

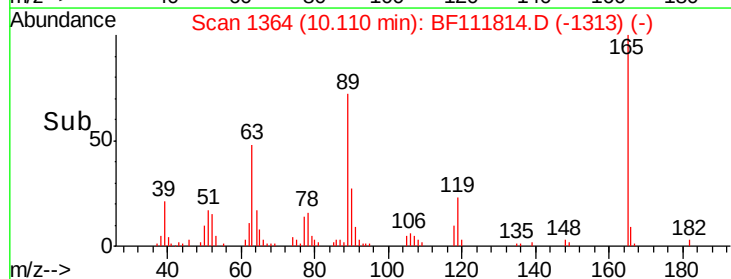
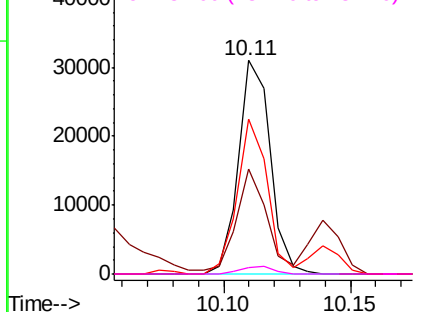


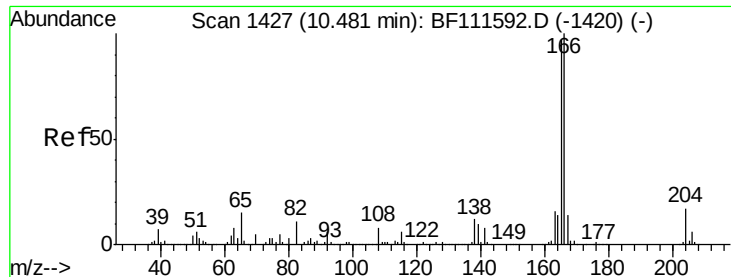
#57
2,4-Dinitrotoluene
Concen: 5.369 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion:165 Resp: 27045
Ion Ratio Lower Upper
165 100
63 49.0 34.6 52.0
89 72.3 56.2 84.4
182 2.8 1.8 2.6#



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

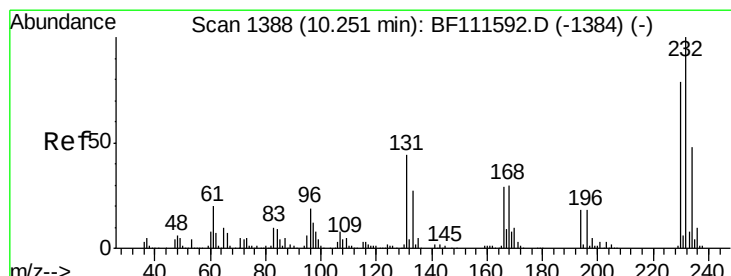
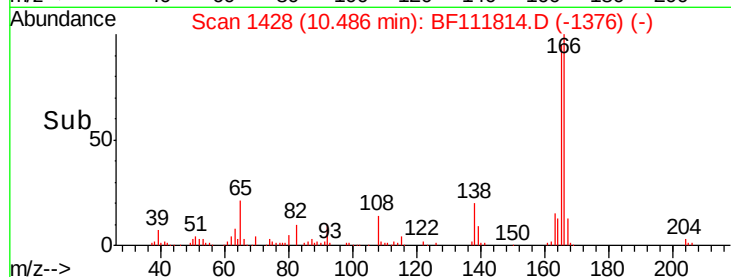
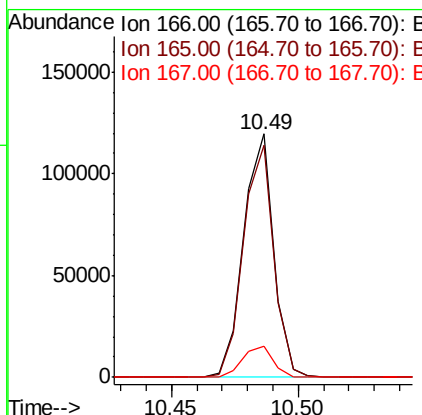
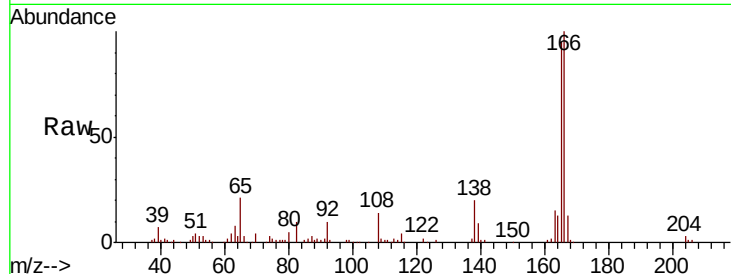




#58
Fluorene
Concen: 5.220 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

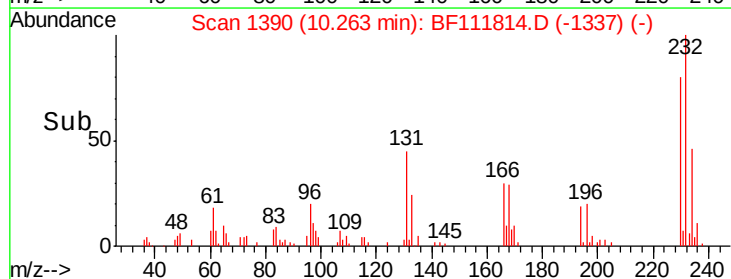
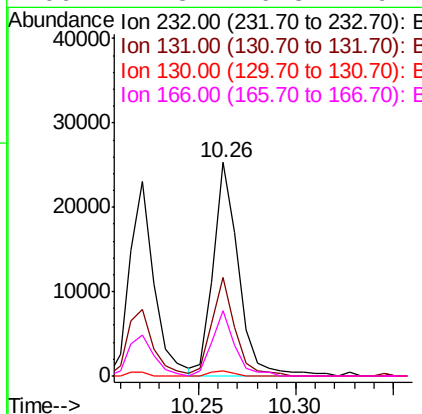
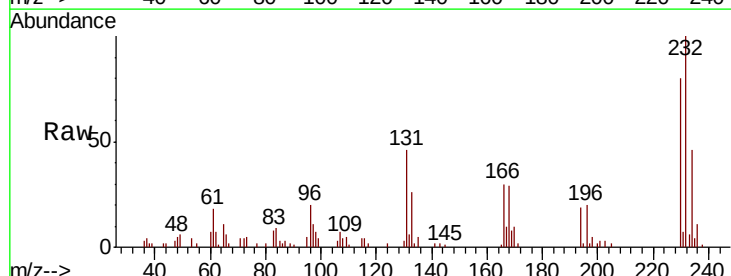
Instrument :
BNA_F
ClientSampleId :

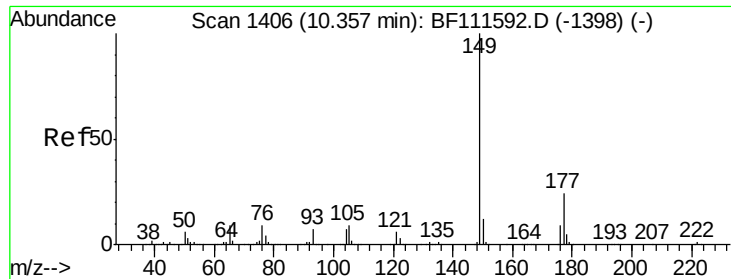
Tot Ion:166 Resp: 98376
Ion Ratio Lower Upper
166 100
165 95.3 78.4 117.6
167 12.6 11.2 16.8



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.209 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion:232 Resp: 22915
Ion Ratio Lower Upper
232 100
131 42.6 40.9 61.3
130 2.2 2.0 3.0
166 27.3 26.8 40.2

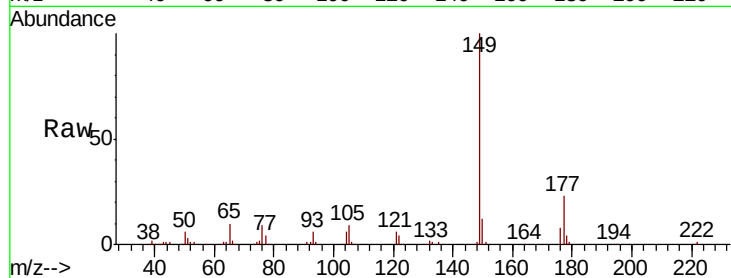




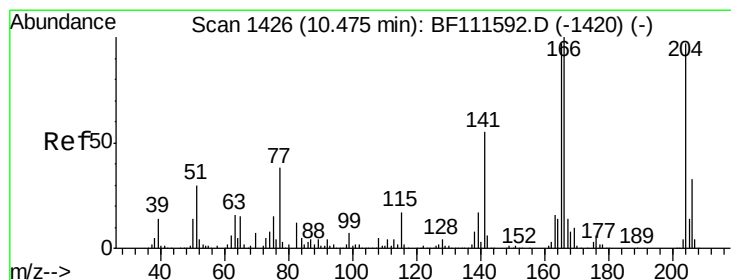
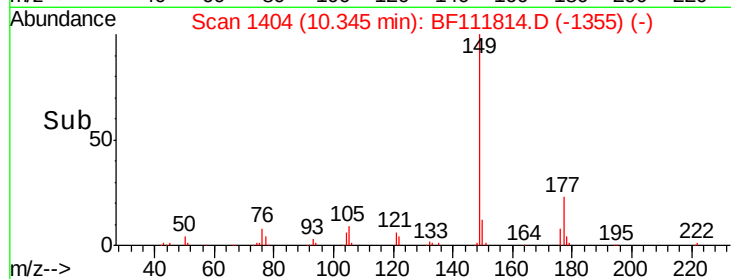
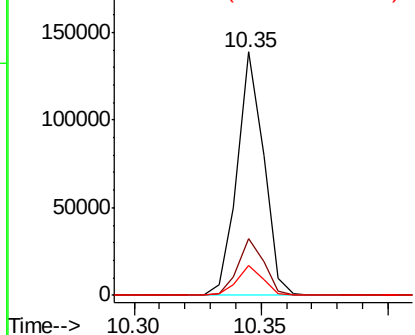
#60
Diethylphthalate
Concen: 4.893 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 100882
Ion Ratio Lower Upper
149 100
177 23.1 18.3 27.5
150 12.1 10.6 15.8

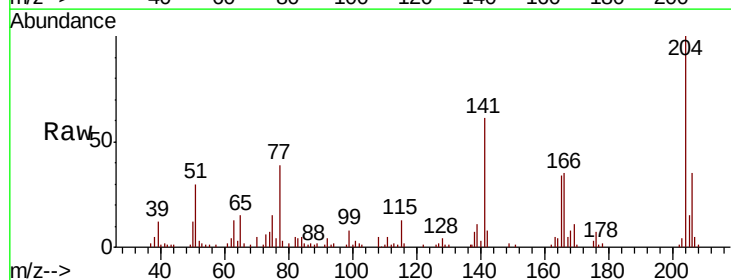


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

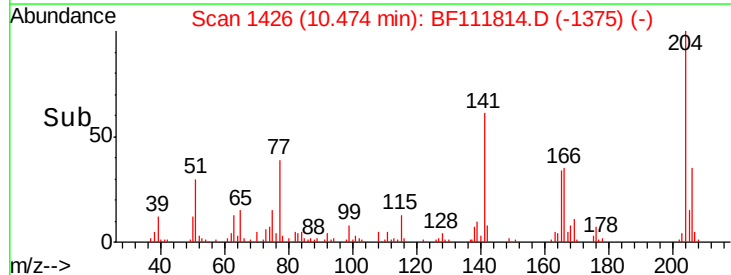
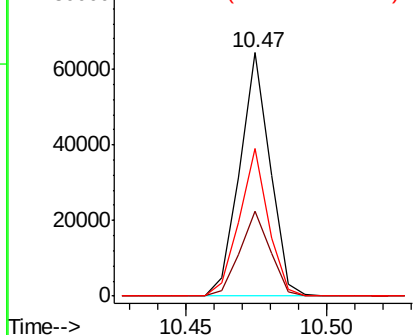


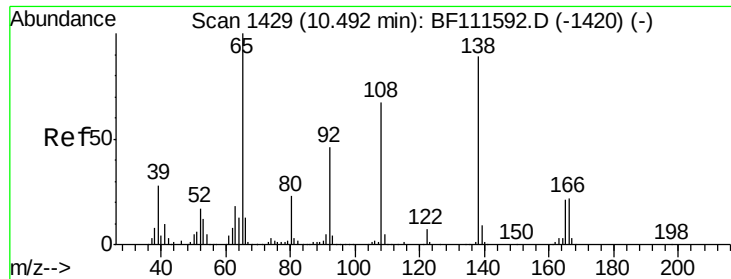
#61
4-Chlorophenyl-phenylether
Concen: 4.619 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion:204 Resp: 48094
Ion Ratio Lower Upper
204 100
206 34.6 26.6 39.8
141 60.5 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

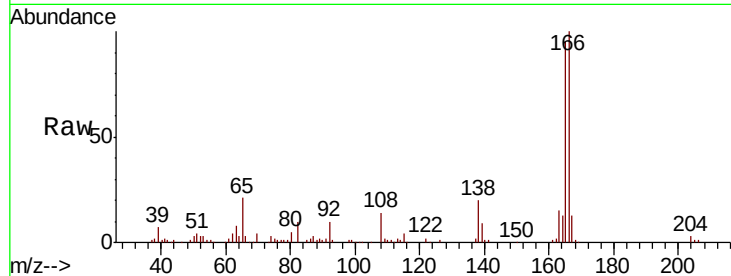




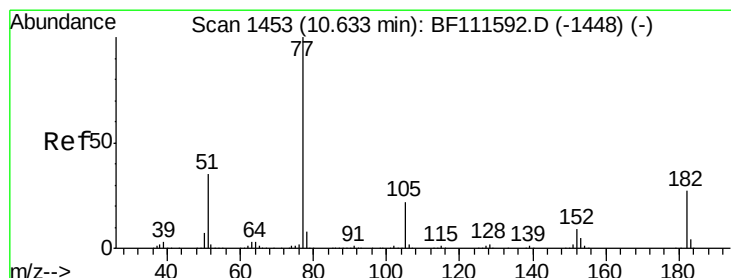
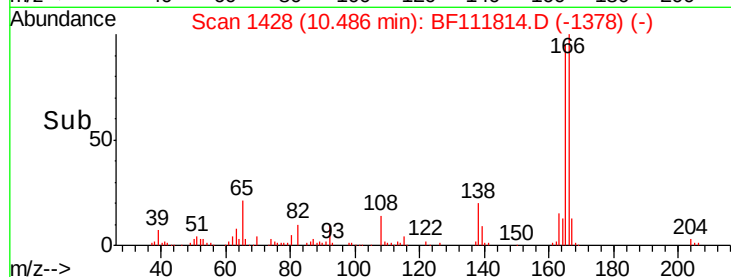
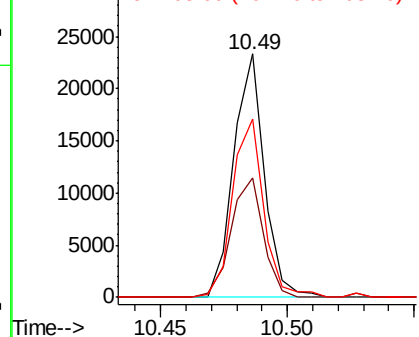
#62
4-Nitroaniline
Concen: 4.485 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 19484
Ion Ratio Lower Upper
138 100
92 49.2 29.9 69.9
108 73.2 43.2 83.2

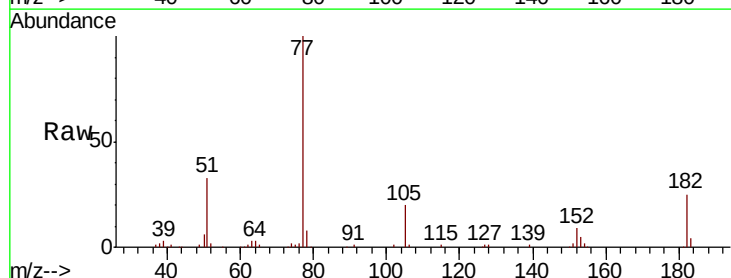


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

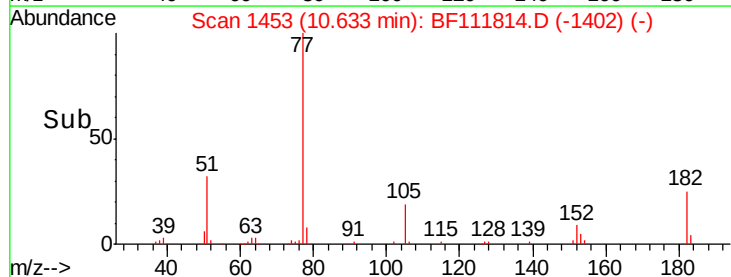
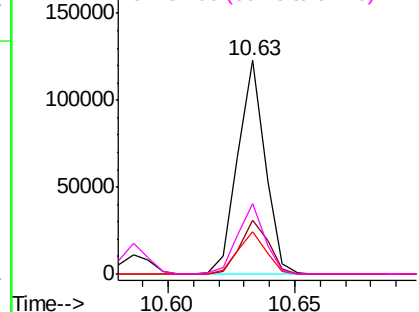


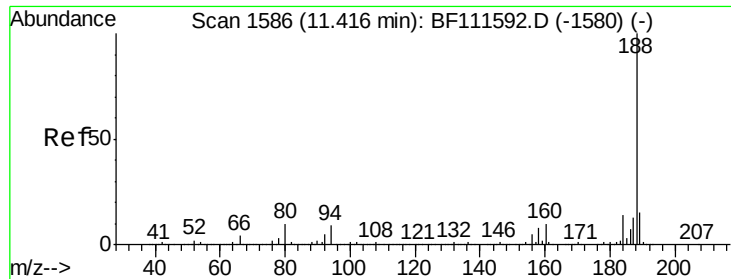
#63
Azobenzene
Concen: 4.451 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion: 77 Resp: 92131
Ion Ratio Lower Upper
77 100
182 25.2 4.9 44.9
105 19.9 6.0 46.0
51 32.7 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

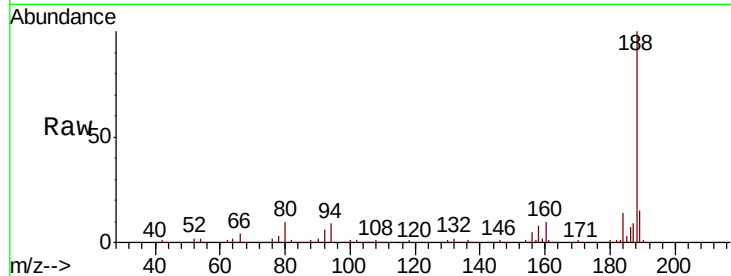




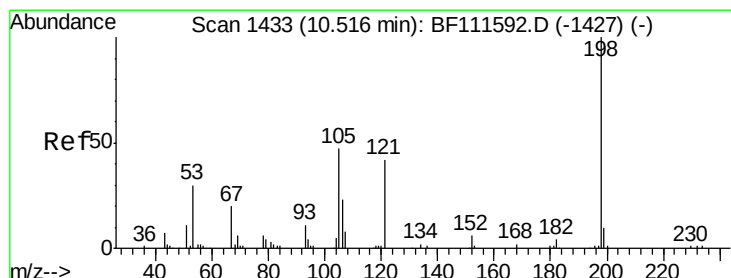
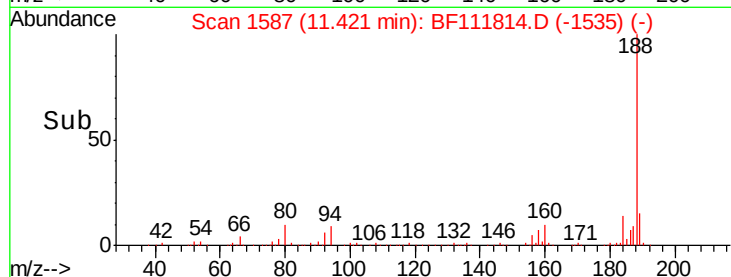
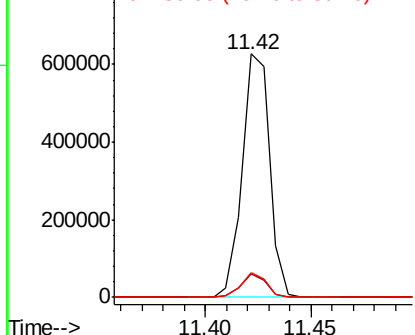
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 564567
 Ion Ratio Lower Upper
 188 100
 94 9.5 9.6 14.4#
 80 10.4 9.8 14.6

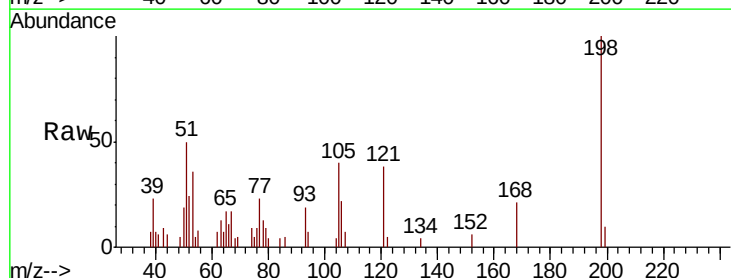


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

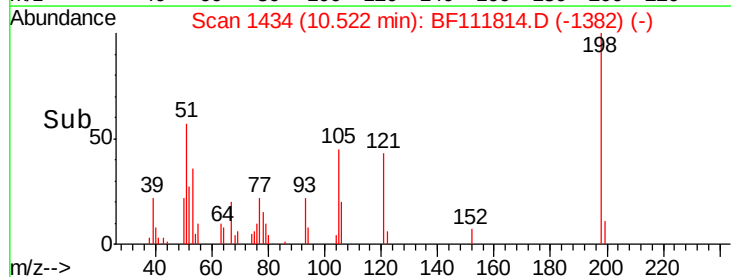
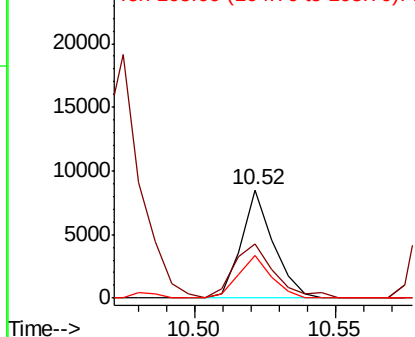


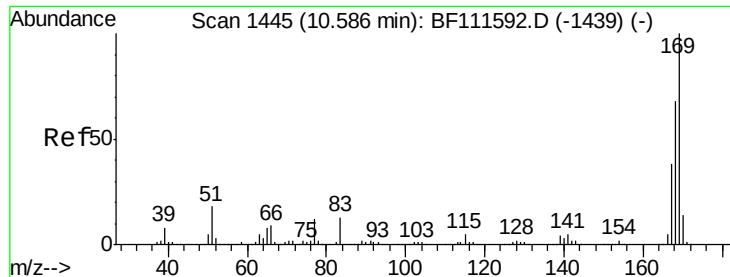
#65
 4,6-Dinitro-2-methylphenol
 Concen: 9.167 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Tgt Ion:198 Resp: 6707
 Ion Ratio Lower Upper
 198 100
 51 50.2 48.0 88.0
 105 39.9 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

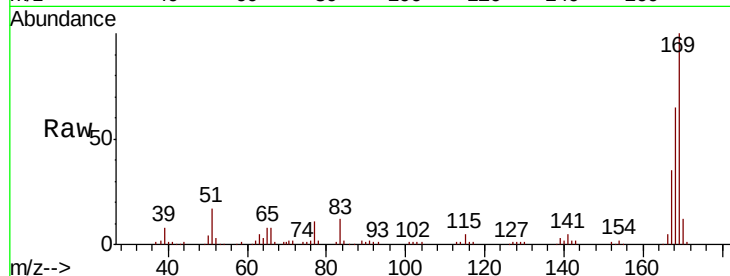




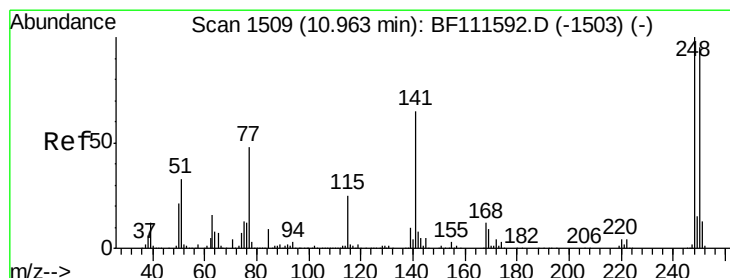
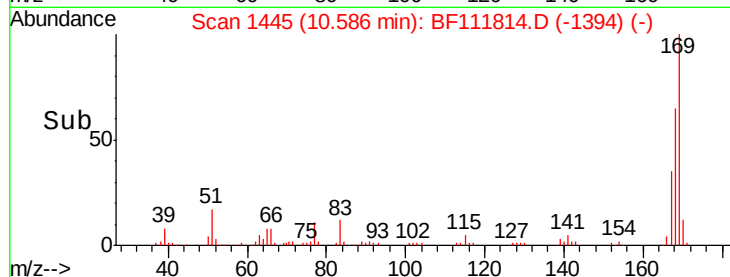
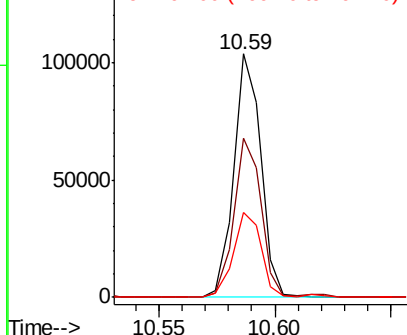
#66
 n-Nitrosodiphenylamine
 Concen: 4.465 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 84613
 Ion Ratio Lower Upper
 169 100
 168 65.3 54.4 81.6
 167 34.9 30.5 45.7

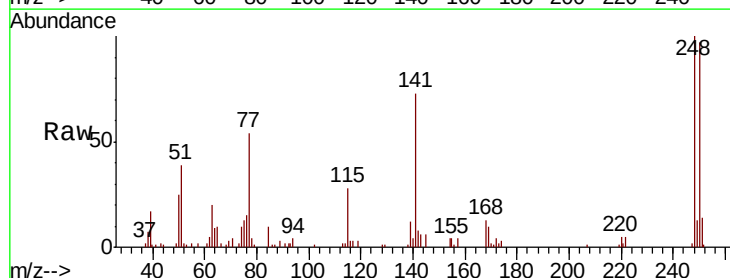


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

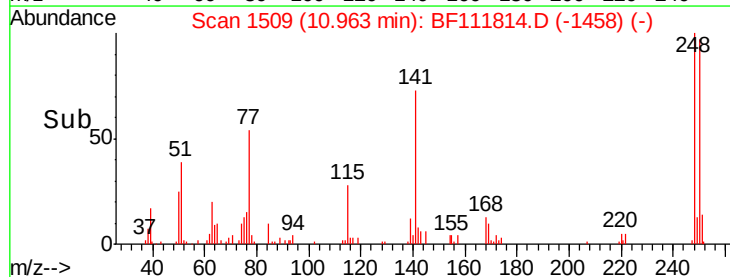
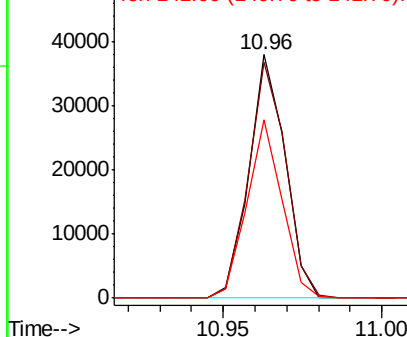


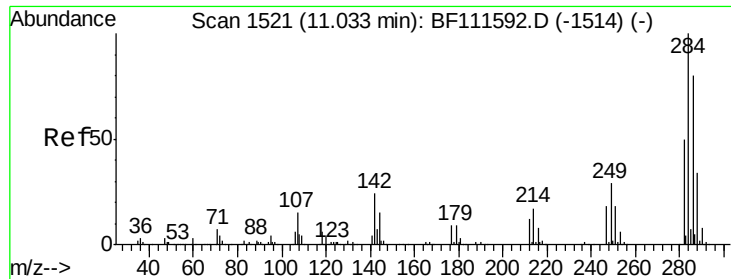
#67
 4-Bromophenyl-phenylether
 Concen: 4.287 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BF111814.D
 Acq: 2 Jan 2019 17:31

Tgt Ion:248 Resp: 30022
 Ion Ratio Lower Upper
 248 100
 250 97.0 77.0 115.4
 141 73.1 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

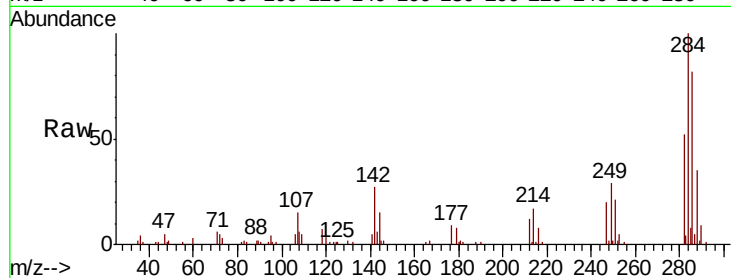




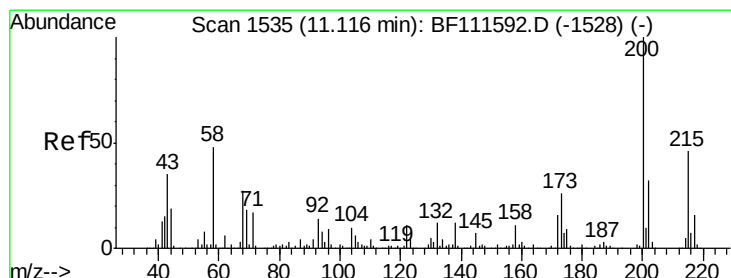
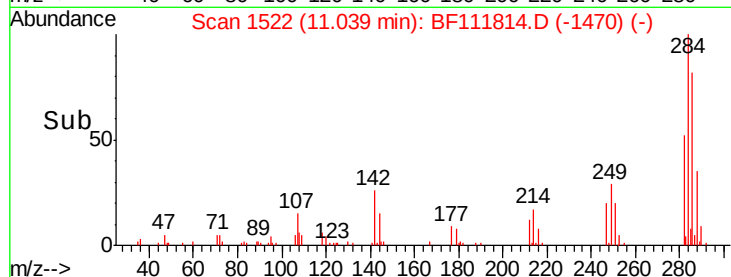
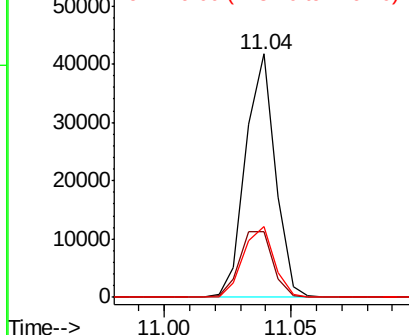
#68
Hexachlorobenzene
Concen: 4.360 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 34041
Ion Ratio Lower Upper
284 100
142 26.8 27.4 41.2#
249 29.3 24.4 36.6

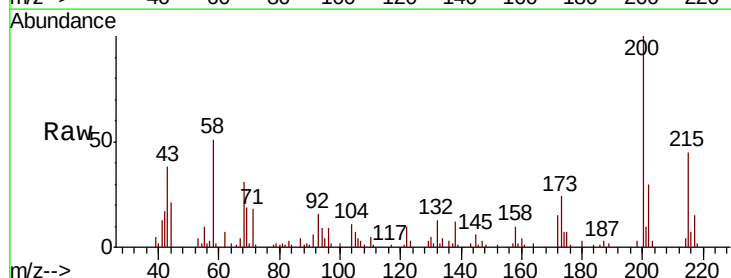


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

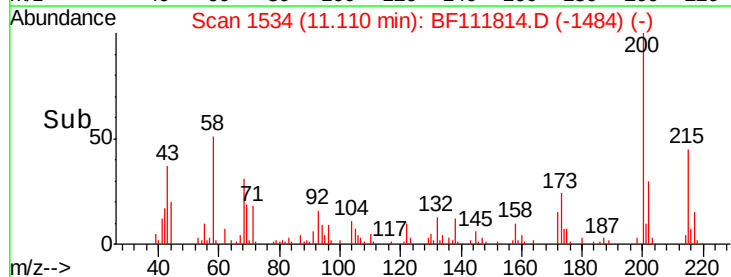
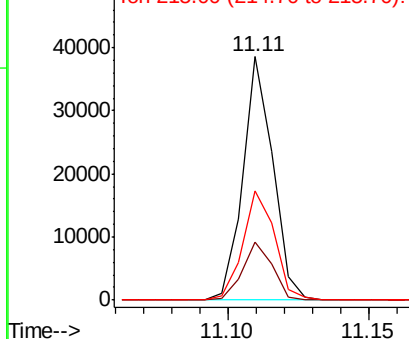


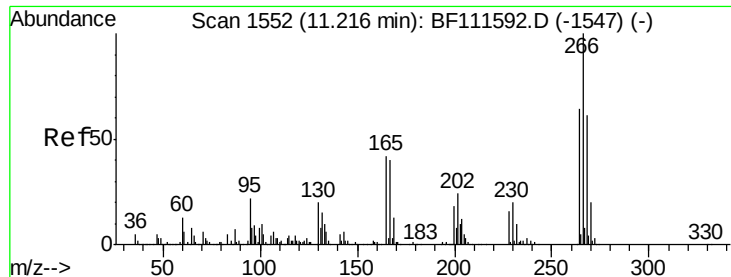
#69
Atrazine
Concen: 4.299 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion:200 Resp: 28303
Ion Ratio Lower Upper
200 100
173 23.9 10.1 50.1
215 44.9 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

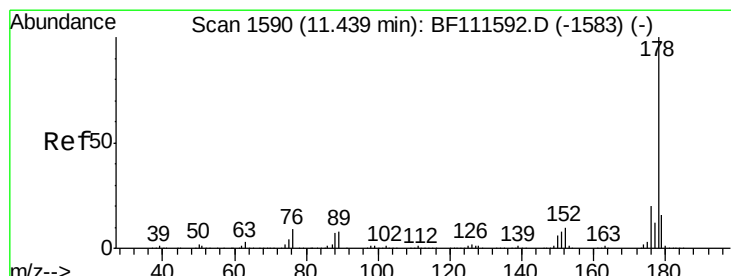
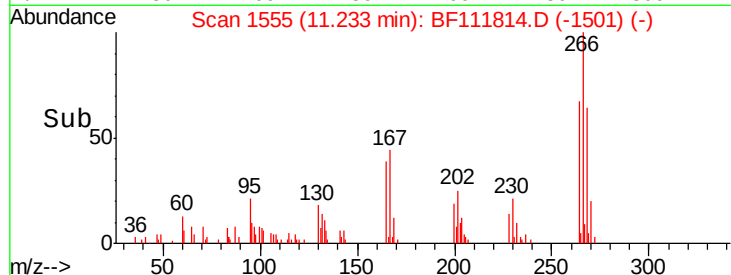
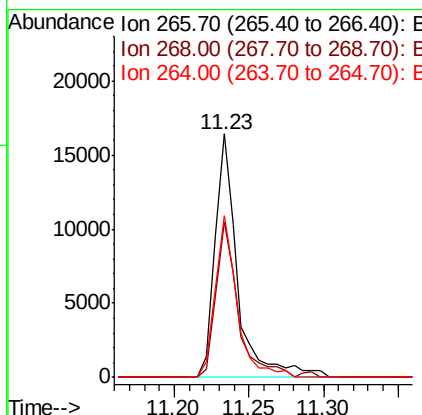
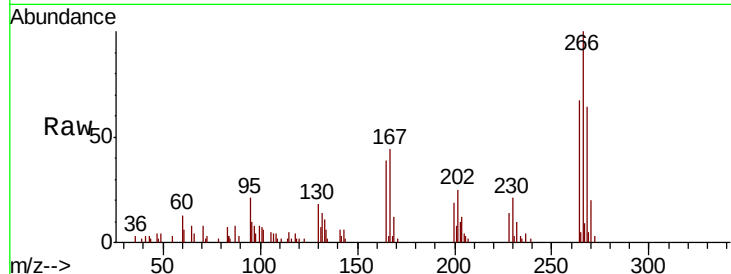




#70
Pentachlorophenol
Concen: 3.607 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.02 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

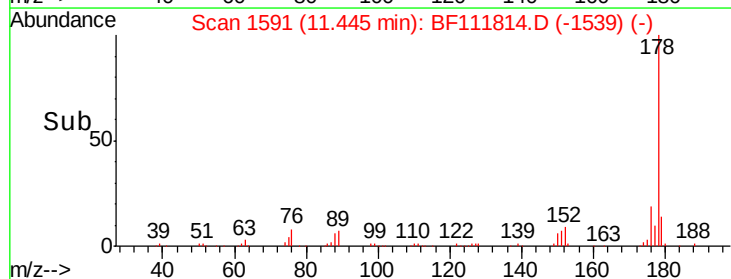
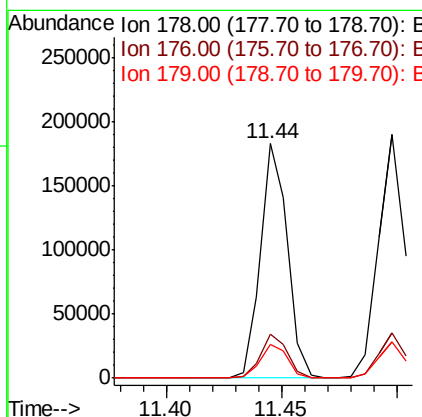
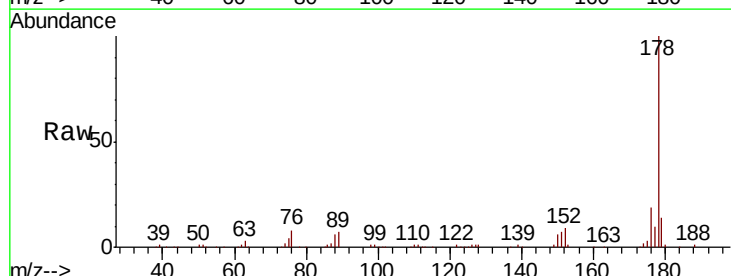
Instrument :
BNA_F
ClientSampleId :

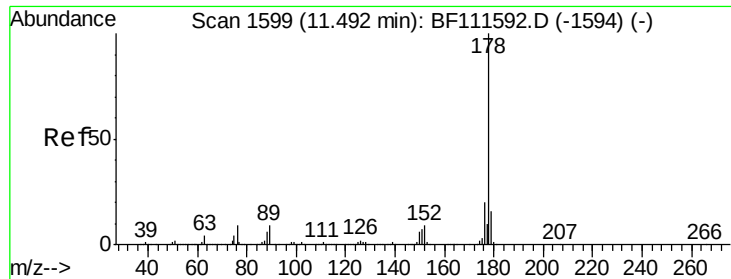
Tot Ion:266 Resp: 17411
Ion Ratio Lower Upper
266 100
268 64.0 47.9 71.9
264 66.6 49.1 73.7



#71
Phenanthrene
Concen: 4.992 ng
RT: 11.44 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion:178 Resp: 149457
Ion Ratio Lower Upper
178 100
176 18.8 18.1 27.1
179 14.5 14.0 21.0





#72

Anthracene

Concen: 5.058 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

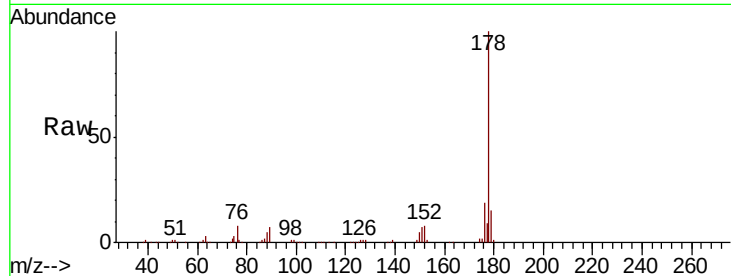
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 152007

Ion	Ratio	Lower	Upper
178	100		
176	18.7	17.2	25.8
179	14.8	13.8	20.8

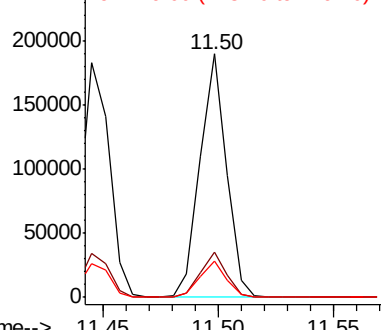


Abundance

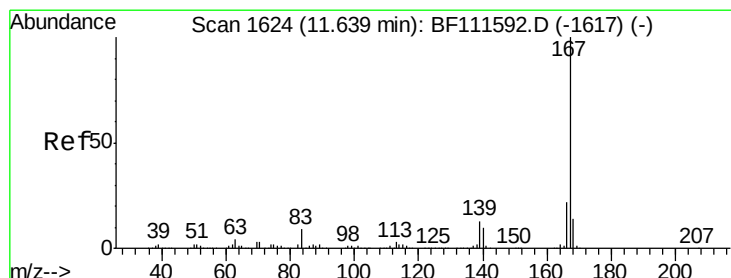
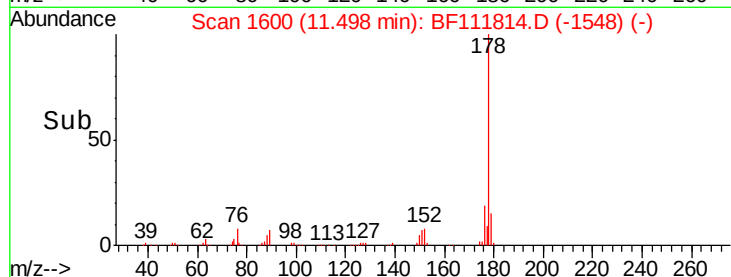
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#73

Carbazole

Concen: 4.134 ng

RT: 11.65 min Scan# 1626

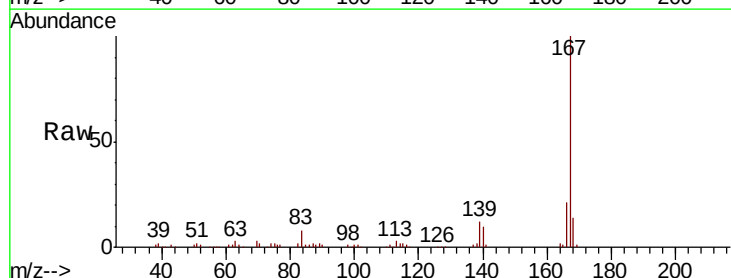
Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Tgt Ion:167 Resp: 120614

Ion	Ratio	Lower	Upper
167	100		
166	21.2	19.3	28.9
139	12.2	11.9	17.9

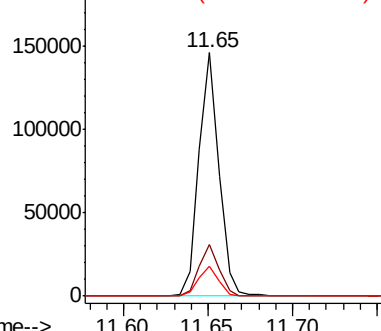


Abundance

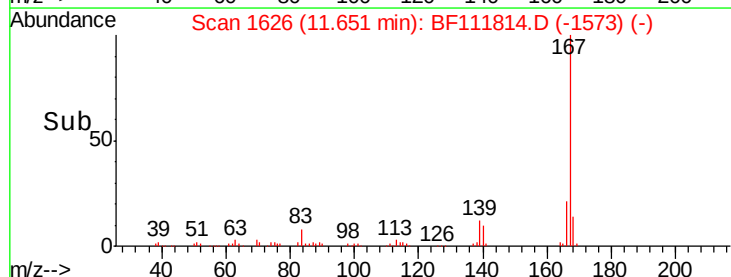
Ion 167.00 (166.70 to 167.70): E

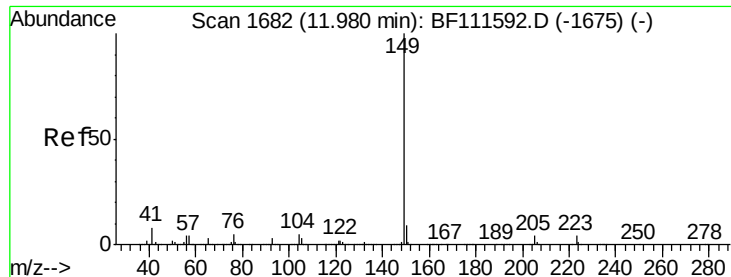
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->





#74

Di-n-butylphthalate

Concen: 4.865 ng

RT: 11.98 min Scan# 1682

Delta R.T. -0.00 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

ClientSampleId :

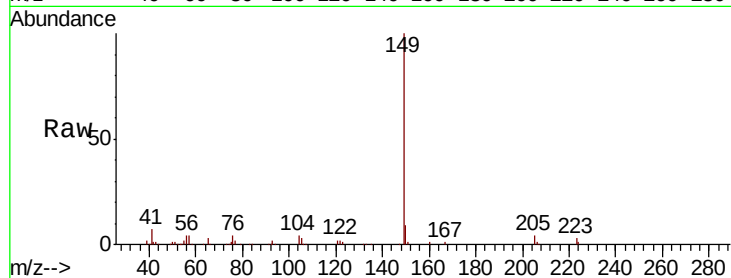
Tot Ion:149 Resp: 159159

Ion Ratio Lower Upper

149 100

150 8.5 8.8 13.2#

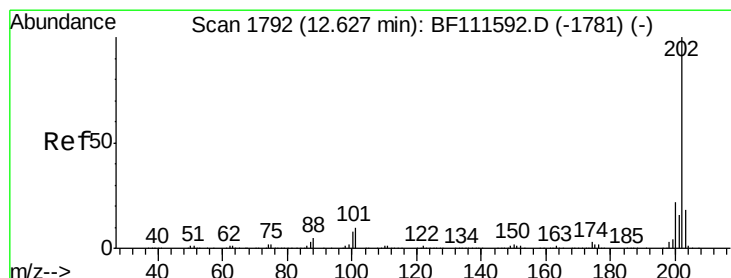
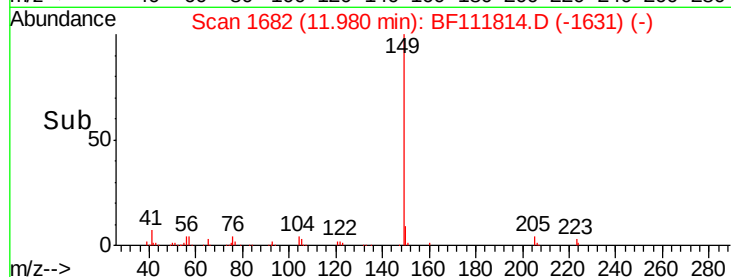
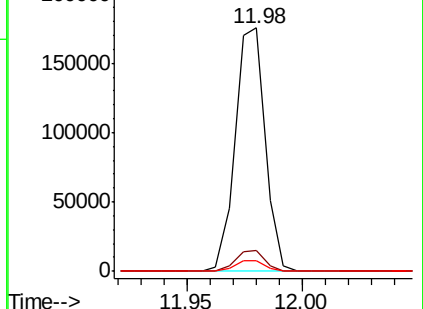
104 4.2 4.5 6.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 4.806 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

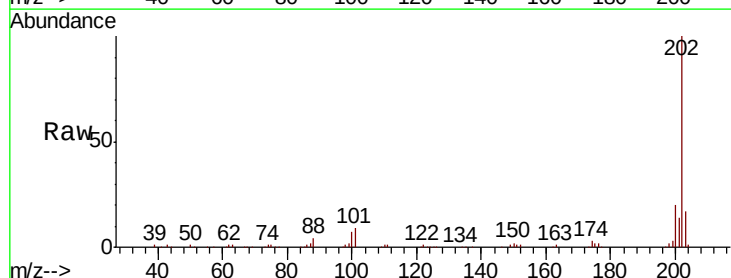
Tgt Ion:202 Resp: 145716

Ion Ratio Lower Upper

202 100

101 8.7 0.0 33.8

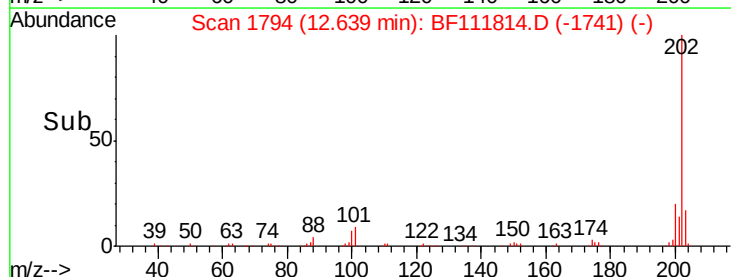
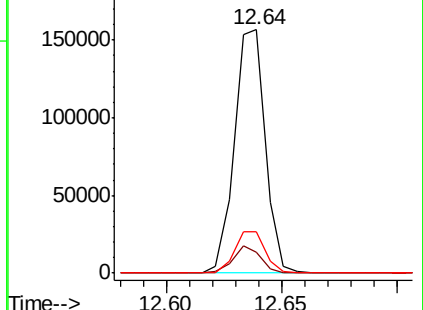
203 17.0 0.0 38.6

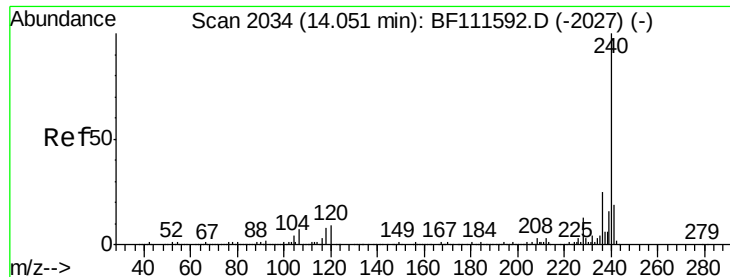


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

ClientSampleId :

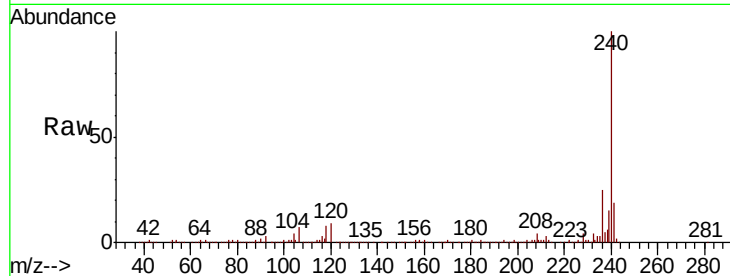
Tot Ion:240 Resp: 417991

Ion Ratio Lower Upper

240 100

120 9.2 12.2 18.2#

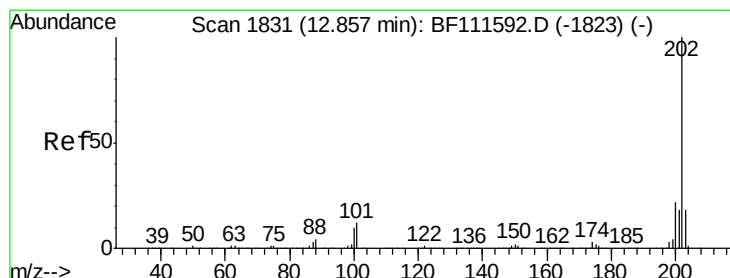
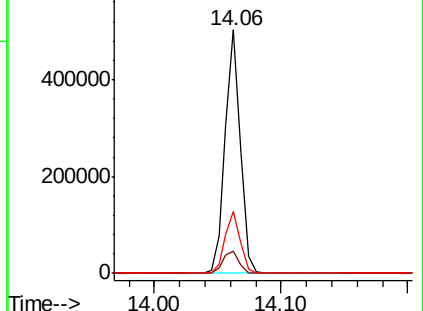
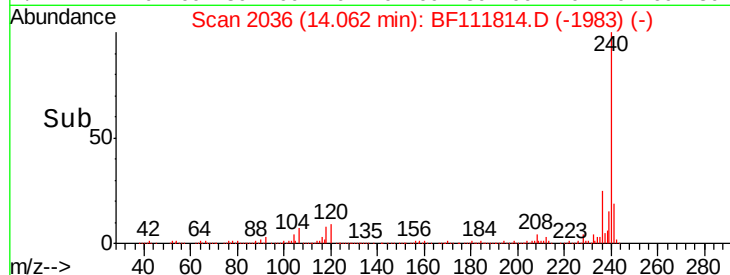
236 25.2 20.2 30.2



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



#78

Pyrene

Concen: 4.935 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

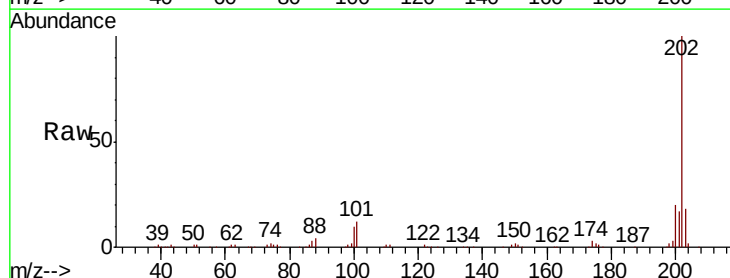
Tgt Ion:202 Resp: 145681

Ion Ratio Lower Upper

202 100

200 19.9 19.0 28.4

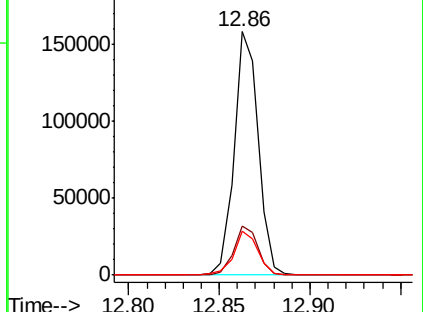
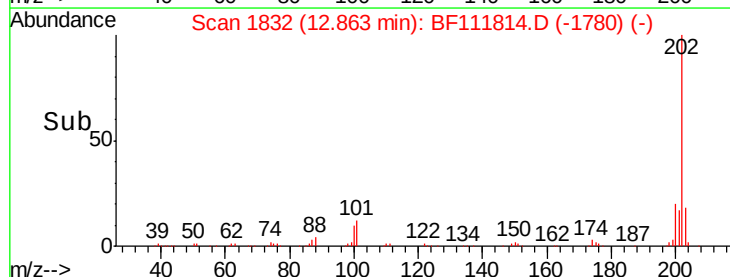
203 18.0 15.2 22.8

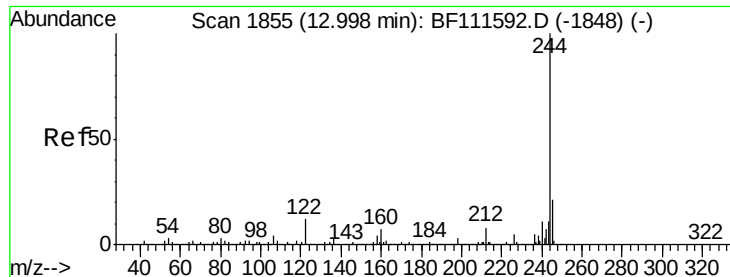


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 9.096 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

ClientSampleId :

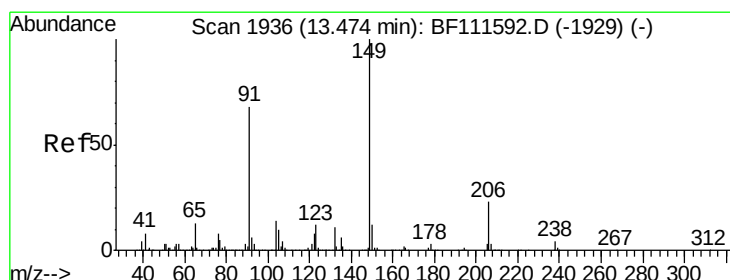
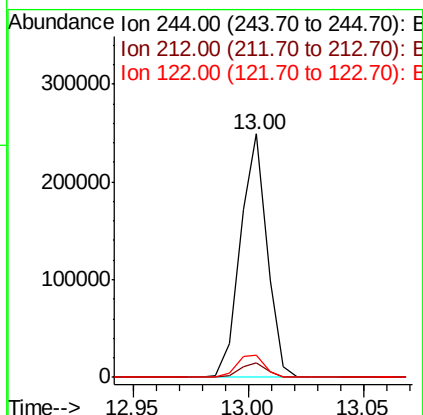
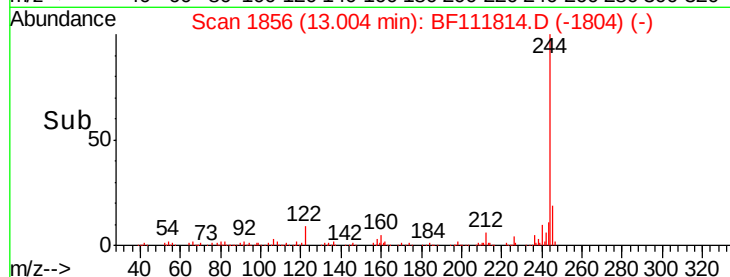
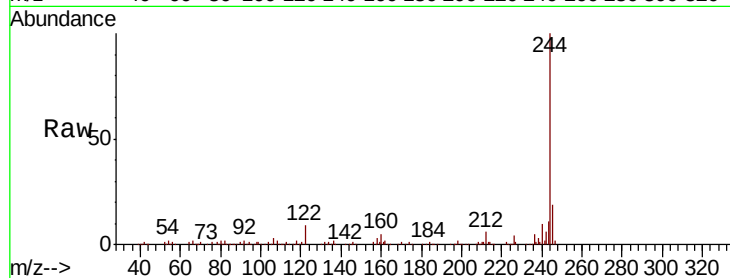
Tot Ion:244 Resp: 200476

Ion Ratio Lower Upper

244 100

212 6.1 5.7 8.5

122 9.2 13.1 19.7#



#80

Butylbenzylphthalate

Concen: 4.881 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

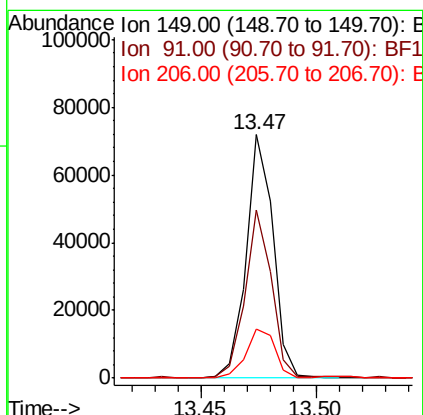
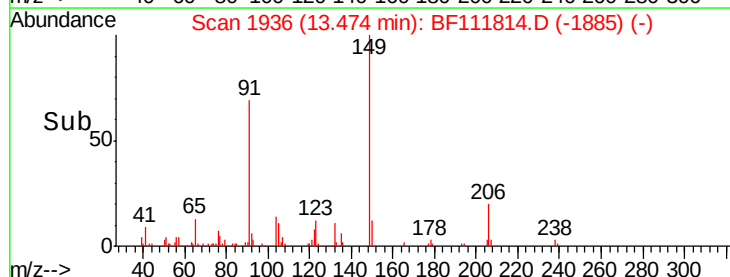
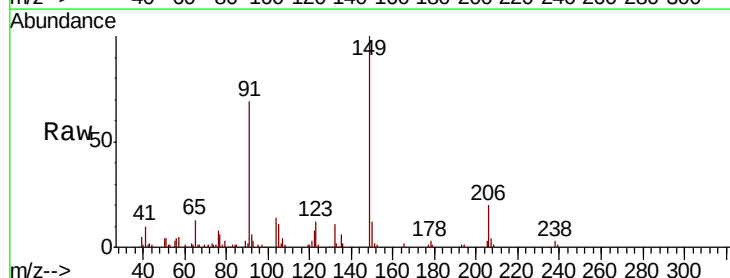
Tgt Ion:149 Resp: 58732

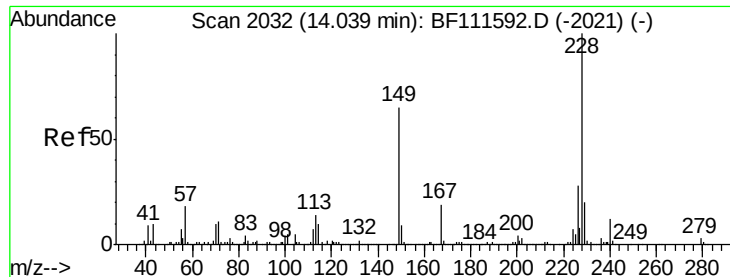
Ion Ratio Lower Upper

149 100

91 69.2 63.8 95.6

206 20.1 15.1 22.7





#81

Benzo(a)anthracene

Concen: 4.895 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

ClientSampleId :

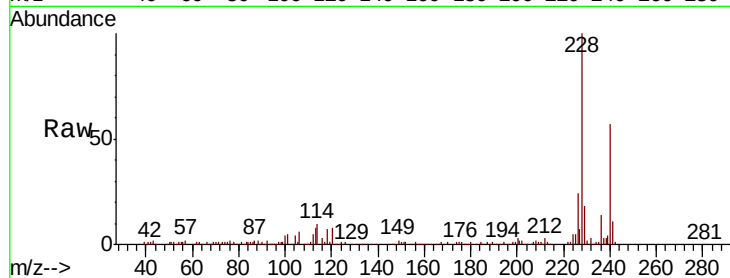
Tot Ion:228 Resp: 116772

Ion Ratio Lower Upper

228 100

226 23.7 22.6 34.0

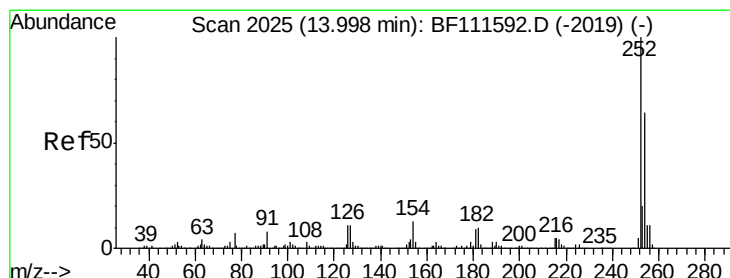
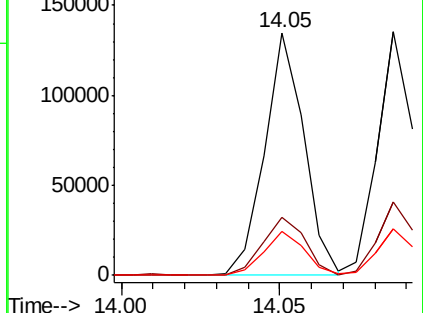
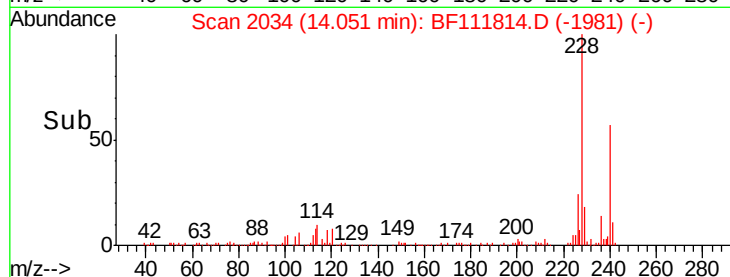
229 18.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 2.673 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

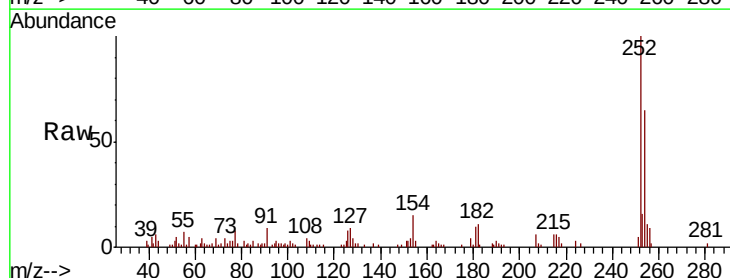
Tgt Ion:252 Resp: 25192

Ion Ratio Lower Upper

252 100

254 64.6 52.7 79.1

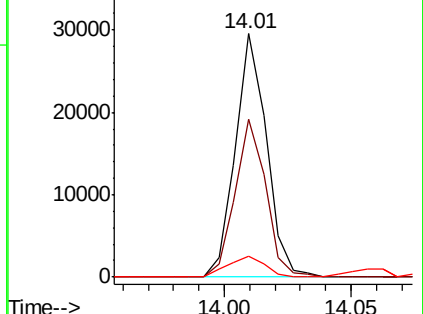
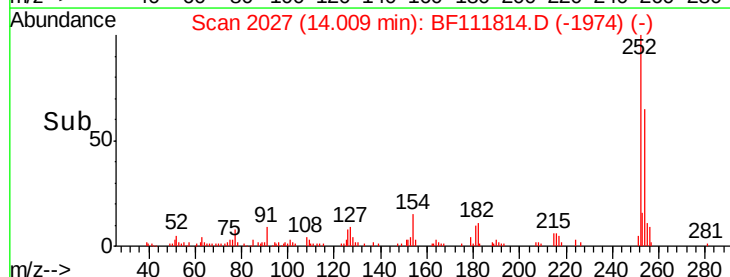
126 8.4 11.1 16.7#

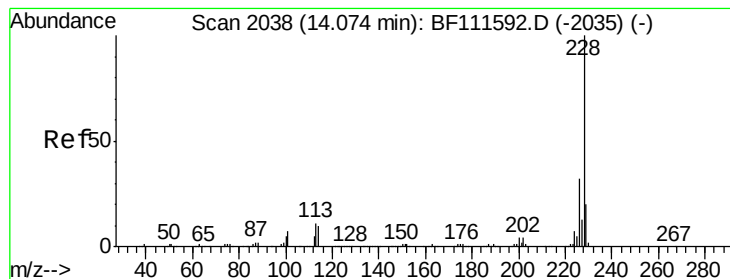


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 4.581 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

ClientSampleId :

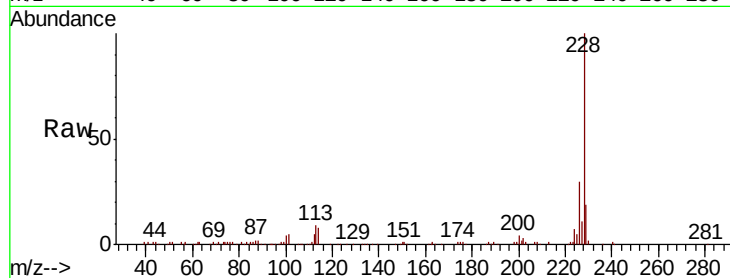
Tot Ion:228 Resp: 107395

Ion Ratio Lower Upper

228 100

226 30.2 25.3 37.9

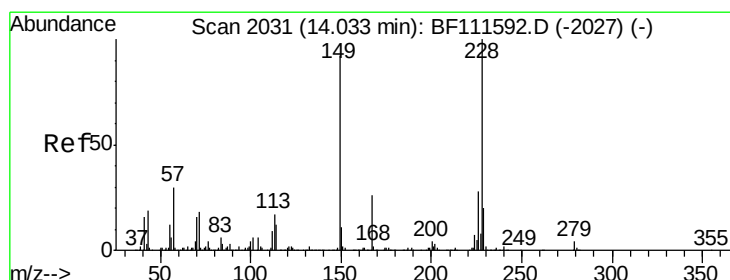
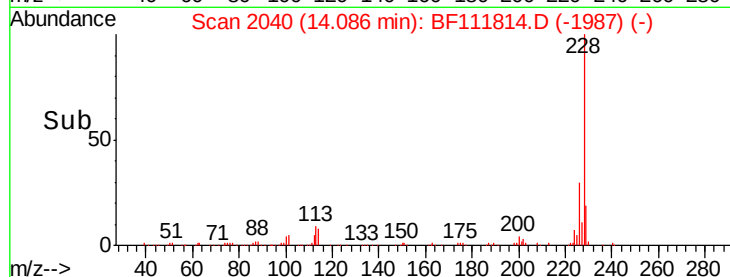
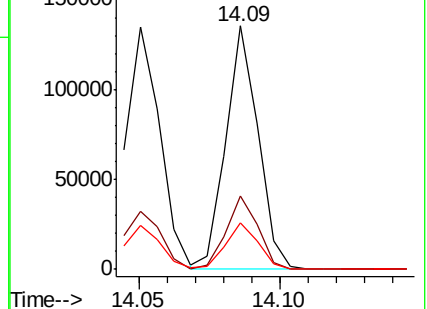
229 19.0 17.2 25.8



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: 5.363 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

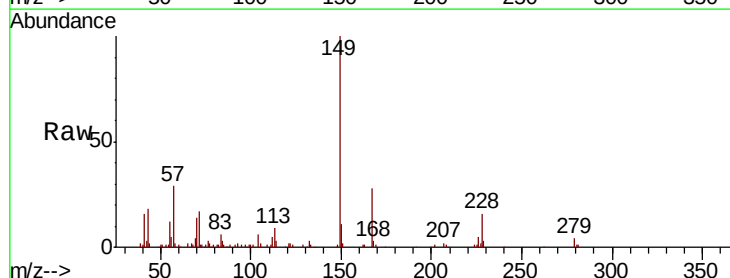
Tgt Ion:149 Resp: 81283

Ion Ratio Lower Upper

149 100

167 27.7 22.5 33.7

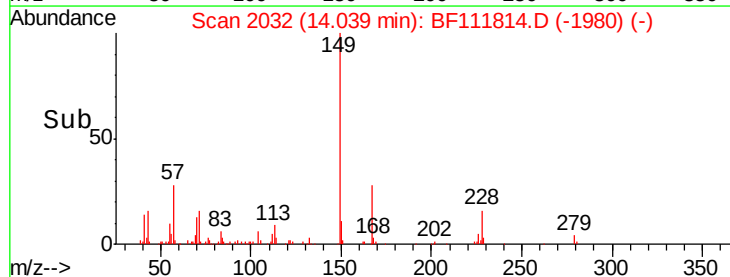
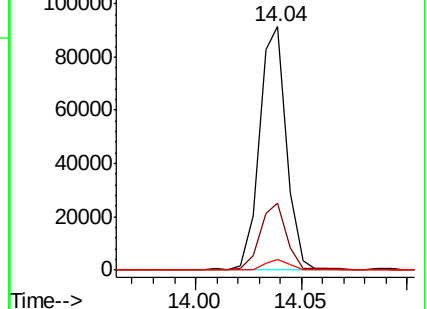
279 4.4 2.6 4.0#

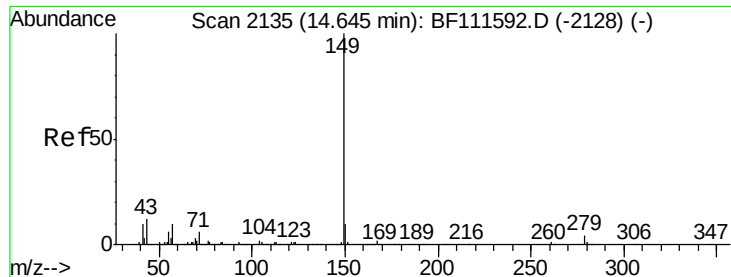


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 5.080 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.01 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

Instrument :

BNA_F

ClientSampleId :

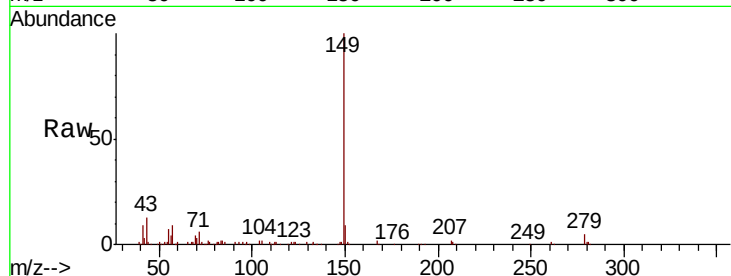
Tot Ion:149 Resp: 119290

Ion Ratio Lower Upper

149 100

167 2.4 1.3 1.9#

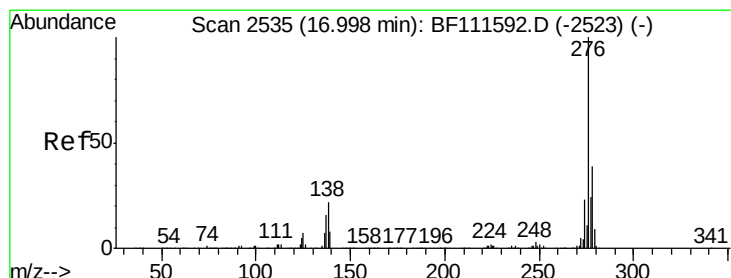
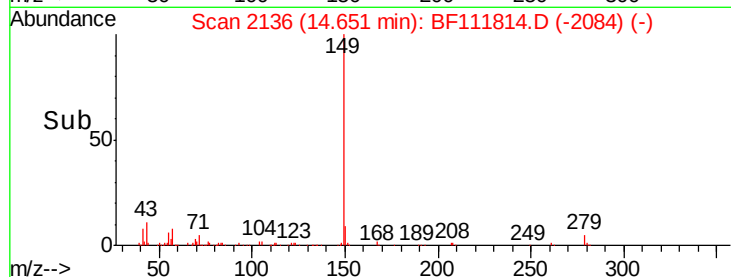
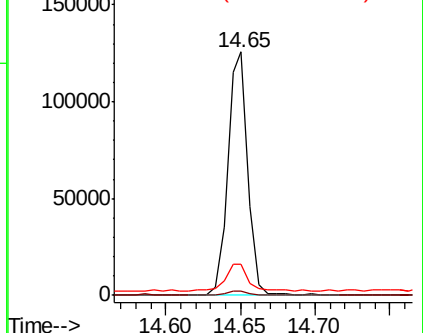
43 13.0 10.9 16.3



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: 5.604 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.04 min

Lab File: BF111814.D

Acq: 2 Jan 2019 17:31

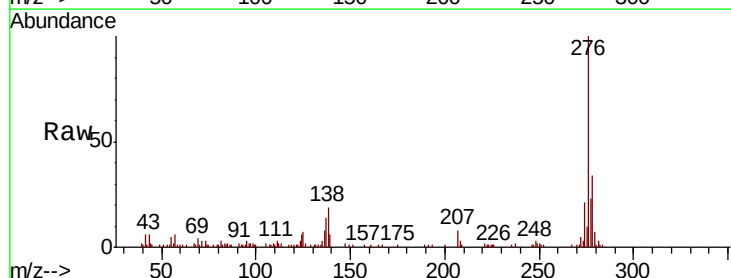
Tgt Ion:276 Resp: 111698

Ion Ratio Lower Upper

276 100

138 22.5 27.8 41.6#

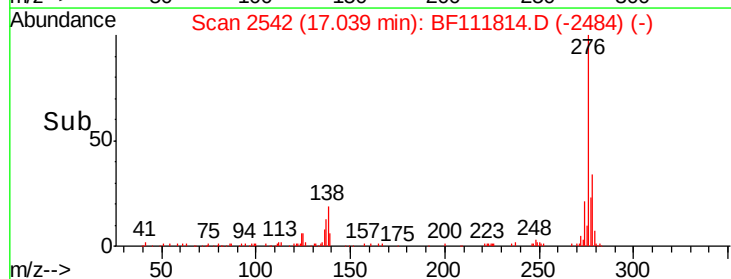
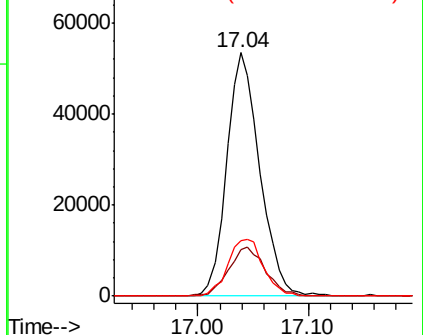
277 25.1 20.1 30.1

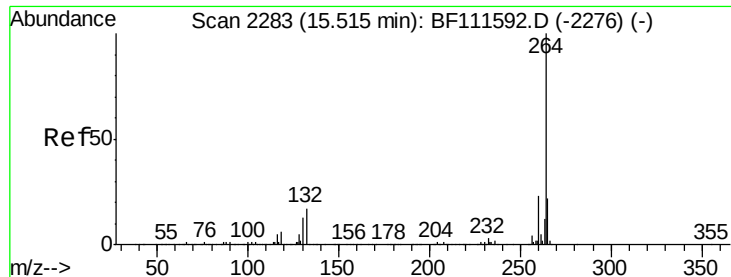


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



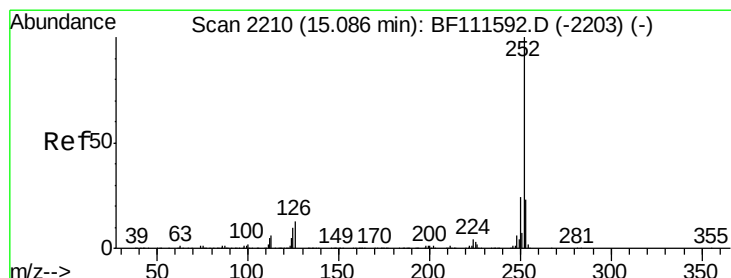
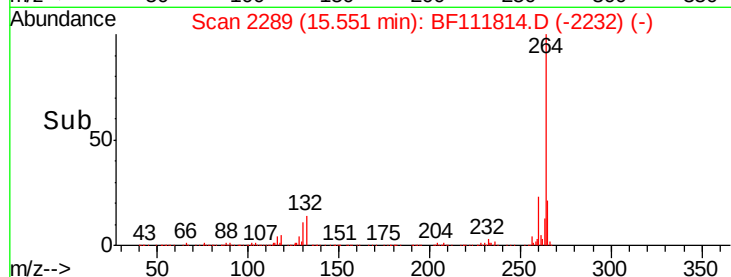
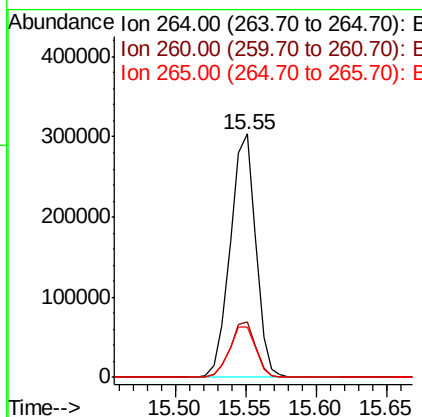
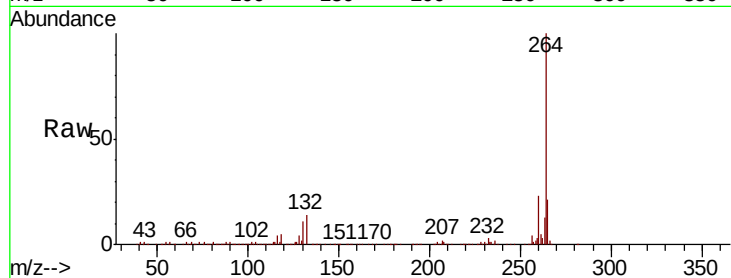


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.04 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 381747

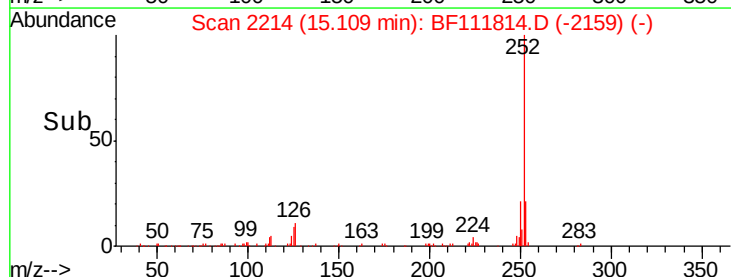
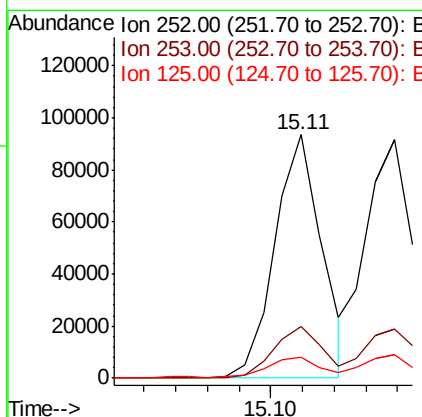
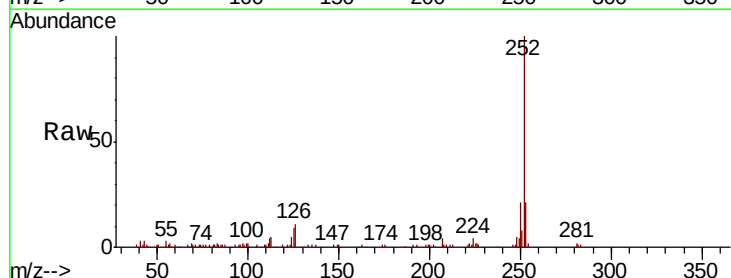
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.3	27.5
265	20.6	17.7	26.5

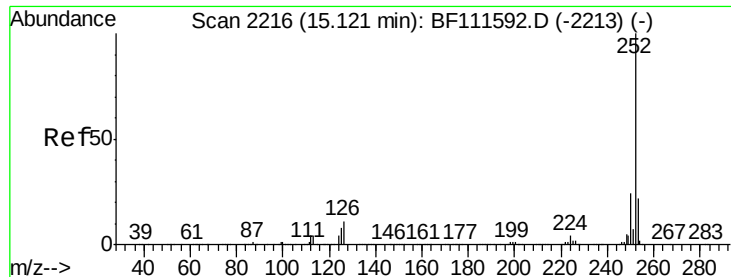


#88
Benzo(b)fluoranthene
Concen: 4.312 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion:252 Resp: 96201

Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.2	27.2
125	8.6	10.4	15.6#

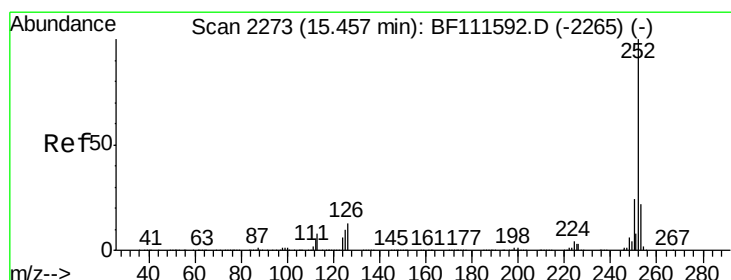
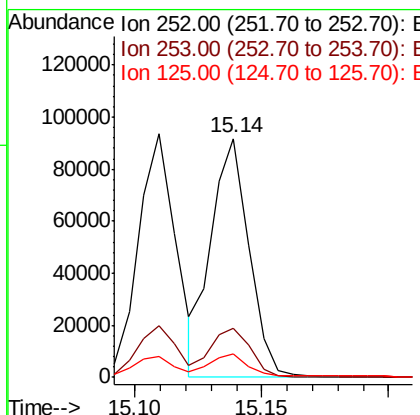
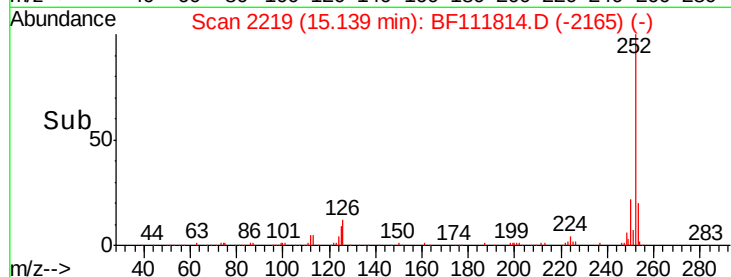
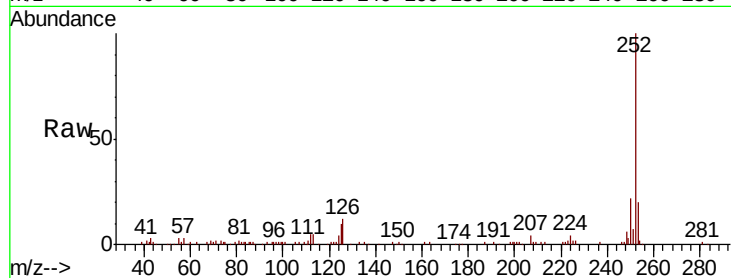




#89
Benzo(k)fluoranthene
Concen: 4.510 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.02 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

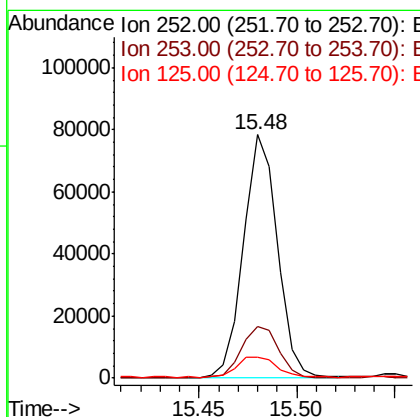
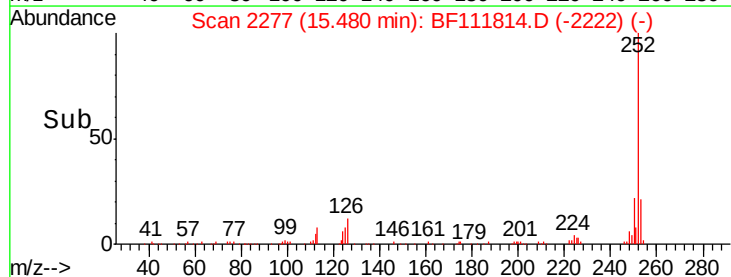
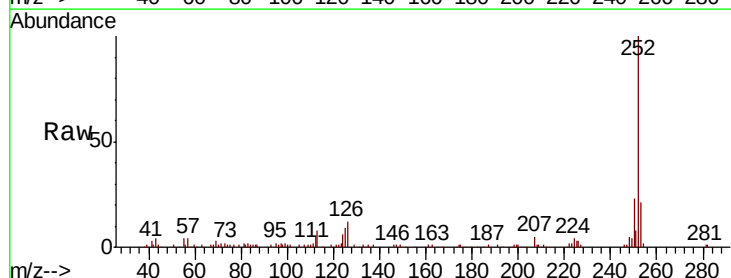
Instrument :
BNA_F
ClientSampleId :

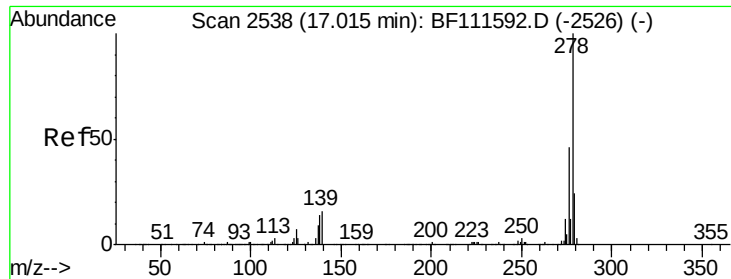
Tot Ion:252 Resp: 95787
Ion Ratio Lower Upper
252 100
253 20.5 18.1 27.1
125 9.9 9.8 14.8



#90
Benzo(a)pyrene
Concen: 4.679 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.02 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion:252 Resp: 94844
Ion Ratio Lower Upper
252 100
253 21.0 17.8 26.8
125 8.6 12.3 18.5#

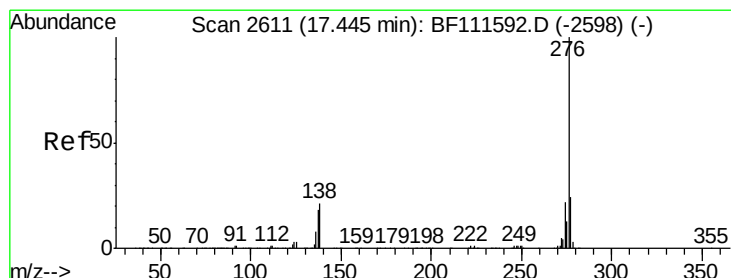
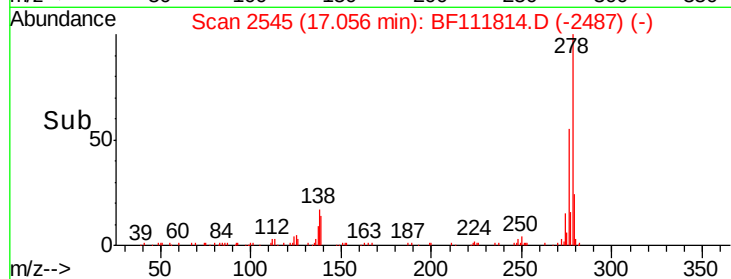
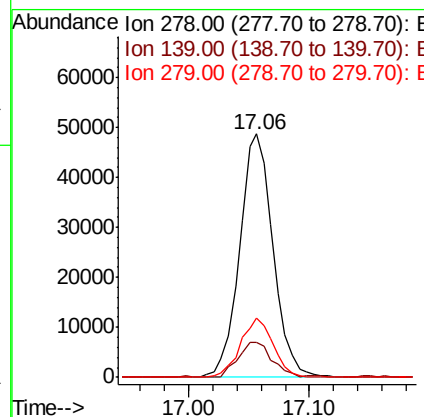
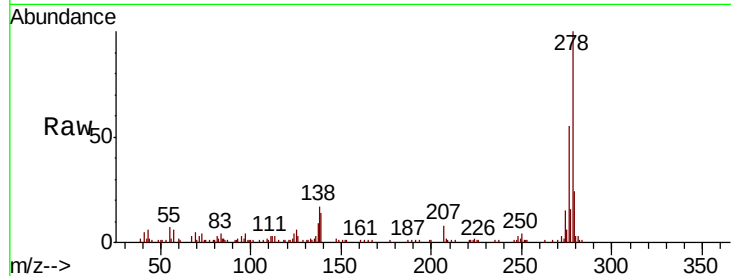




#91
Dibenzo(a,h)anthracene
Concen: 5.280 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.04 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 93709
Ion Ratio Lower Upper
278 100
139 14.4 18.2 27.4#
279 24.4 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 5.323 ng
RT: 17.49 min Scan# 2619
Delta R.T. 0.05 min
Lab File: BF111814.D
Acq: 2 Jan 2019 17:31

Tgt Ion:276 Resp: 92263
Ion Ratio Lower Upper
276 100
277 23.3 19.2 28.8
138 16.5 24.9 37.3#

