

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
 Data File : BF111810.D
 Acq On : 2 Jan 2019 15:16
 Operator : JU/SJ
 Sample : IDOC-01
 Misc : BN-W-FE
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 03 03:21:14 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	154668	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	576021	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	302825	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	580267	20.00	ng	0.01
76) Chrysene-d12	14.07	240	383315	20.00	ng	0.02
87) Perylene-d12	15.56	264	387465	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	560228	61.74	ng	0.02
7) Phenol-d6	6.55	99	450018	38.97	ng	0.02
23) Nitrobenzene-d5	7.47	82	1014448	102.51	ng	0.01
42) 2,4,6-Tribromophenol	10.74	330	537003	150.08	ng	0.02
45) 2-Fluorobiphenyl	9.26	172	1898622	91.39	ng	0.00
79) Terphenyl-d14	13.02	244	2051818	101.51	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	61669	14.445	ng	95
3) Pyridine	3.48	79	141295	12.704	ng	100
4) n-Nitrosodimethylamine	3.41	42	99541	18.287	ng	84
6) Aniline	6.56	93	368926	25.063	ng	93
8) 2-Chlorophenol	6.70	128	373054	37.114	ng	97
9) Benzaldehyde	6.45	77	222813	28.054	ng	98
10) Phenol	6.56	94	177545	13.626	ng	# 51
11) bis(2-Chloroethyl)ether	6.63	93	420894	43.108	ng	97
12) 1,3-Dichlorobenzene	6.85	146	430901	36.991	ng	99
13) 1,4-Dichlorobenzene	6.92	146	443755	37.562	ng	97
14) 1,2-Dichlorobenzene	7.07	146	423535	38.426	ng	99
15) Benzyl Alcohol	7.04	79	263228	28.701	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	703732	39.135	ng	76
17) 2-Methylphenol	7.17	107	245295	30.477	ng	# 83
18) Hexachloroethane	7.42	117	149226	37.484	ng	# 90
19) n-Nitroso-di-n-propylamine	7.32	70	335827	43.789	ng	98
20) 3+4-Methylphenols	7.32	107	277478	27.284	ng	# 84
22) Acetophenone	7.31	105	640465	43.889	ng	# 89
24) Nitrobenzene	7.49	77	498749	48.087	ng	96
25) Isophorone	7.72	82	892949	50.828	ng	98
26) 2-Nitrophenol	7.80	139	240607	57.199	ng	# 90
27) 2,4-Dimethylphenol	7.85	122	357655	43.132	ng	94
28) bis(2-Chloroethoxy)methane	7.93	93	553046	47.307	ng	98
29) 2,4-Dichlorophenol	8.05	162	392826	44.044	ng	95
30) 1,2,4-Trichlorobenzene	8.13	180	416620	41.918	ng	98
31) Naphthalene	8.21	128	1291275	46.655	ng	97
32) Benzoic acid	7.92	122	43723	7.975	ng	88
33) 4-Chloroaniline	8.25	127	423734	35.422	ng	99
34) Hexachlorobutadiene	8.33	225	241607	39.886	ng	98
35) Caprolactam	8.62	113	18358	6.074	ng	# 84
36) 4-Chloro-3-methylphenol	8.74	107	373151	42.562	ng	99
37) 2-Methylnaphthalene	8.90	142	918839	51.027	ng	98
38) 1-Methylnaphthalene	9.00	142	868590	50.225	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	441938	44.412	ng	98

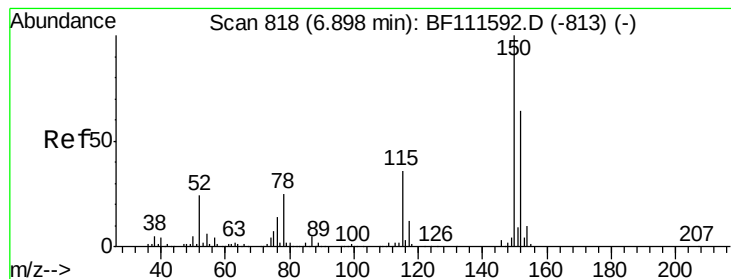
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
 Data File : BF111810.D
 Acq On : 2 Jan 2019 15:16
 Operator : JU/SJ
 Sample : IDOC-01
 Misc : BN-W-FE
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 03 03:21:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	557438	115.441	ng	99
43) 2,4,6-Trichlorophenol	9.18	196	301824	45.430	ng	100
44) 2,4,5-Trichlorophenol	9.23	196	320077	46.962	ng	# 91
46) 1,1'-Biphenyl	9.36	154	1141019	44.636	ng	96
47) 2-Chloronaphthalene	9.39	162	888515	43.870	ng	95
48) 2-Nitroaniline	9.48	65	289461	54.938	ng	100
49) Acenaphthylene	9.80	152	1442707	48.788	ng	96
50) Dimethylphthalate	9.66	163	1076806	48.626	ng	97
51) 2,6-Dinitrotoluene	9.72	165	241658	54.728	ng	90
52) Acenaphthene	9.98	154	938757	51.472	ng	98
53) 3-Nitroaniline	9.89	138	199507	42.365	ng	97
54) 2,4-Dinitrophenol	10.00	184	175911	120.105	ng	91
55) Dibenzofuran	10.15	168	1289751	46.808	ng	96
56) 4-Nitrophenol	10.06	139	119014	33.116	ng	93
57) 2,4-Dinitrotoluene	10.13	165	330276	62.234	ng	# 97
58) Fluorene	10.49	166	1013107	51.025	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	278280	48.516	ng	91
60) Diethylphthalate	10.36	149	1074456	49.463	ng	99
61) 4-Chlorophenyl-phenylether	10.48	204	511633	46.640	ng	95
62) 4-Nitroaniline	10.51	138	232694	50.839	ng	91
63) Azobenzene	10.64	77	1001468	45.922	ng	97
65) 4,6-Dinitro-2-methylphenol	10.54	198	131410	53.848	ng	# 80
66) n-Nitrosodiphenylamine	10.60	169	904525	46.437	ng	98
67) 4-Bromophenyl-phenylether	10.97	248	336977	46.821	ng	97
68) Hexachlorobenzene	11.05	284	374932	46.722	ng	95
69) Atrazine	11.13	200	311043	45.965	ng	97
70) Pentachlorophenol	11.24	266	325169	65.545	ng	95
71) Phenanthrene	11.46	178	1504337	48.884	ng	95
72) Anthracene	11.51	178	1540416	49.870	ng	96
73) Carbazole	11.66	167	1304468	43.498	ng	96
74) Di-n-butylphthalate	11.99	149	1631772	48.530	ng	96
75) Fluoranthene	12.64	202	1439713	46.200	ng	95
77) Benzidine	12.76	184	501501	34.769	ng	96
78) Pyrene	12.87	202	1427866	52.750	ng	97
80) Butylbenzylphthalate	13.48	149	594404	53.871	ng	92
81) Benzo(a)anthracene	14.06	228	1128705	51.596	ng	98
82) 3,3'-Dichlorobenzidine	14.02	252	353213	40.866	ng	# 96
83) Chrysene	14.10	228	1038189	48.287	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	783490	56.372	ng	98
85) Di-n-octyl phthalate	14.66	149	1181083	54.848	ng	94
86) Indeno(1,2,3-cd)pyrene	17.07	276	1242338	67.971	ng	# 87
88) Benzo(b)fluoranthene	15.12	252	1039669	45.912	ng	# 95
89) Benzo(k)fluoranthene	15.15	252	1013250	47.000	ng	# 97
90) Benzo(a)pyrene	15.50	252	1019908	49.575	ng	# 93
91) Dibenzo(a,h)anthracene	17.09	278	1030896	57.223	ng	# 91
92) Benzo(g,h,i)perylene	17.53	276	1041879	59.226	ng	# 87

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

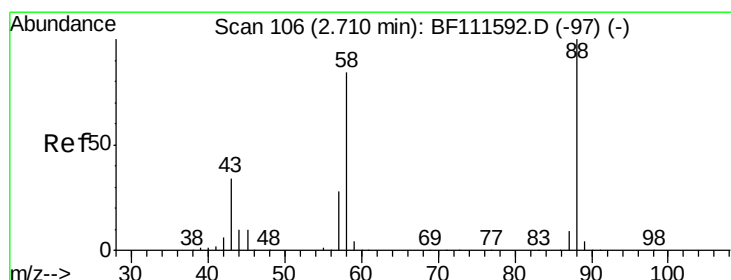
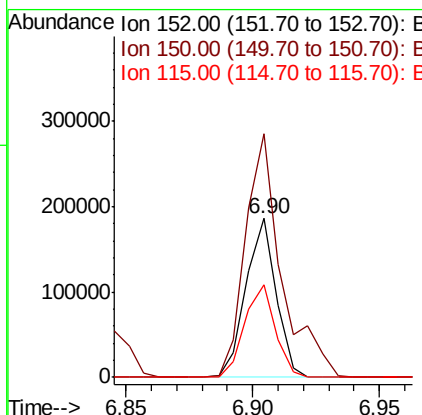
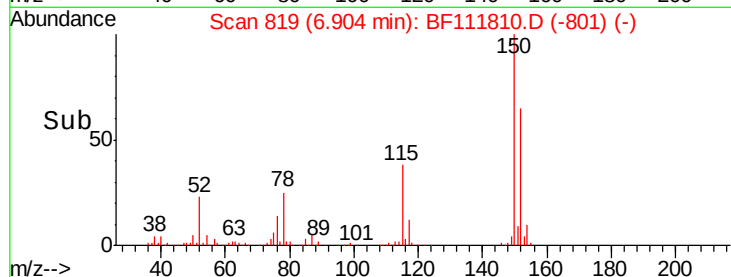
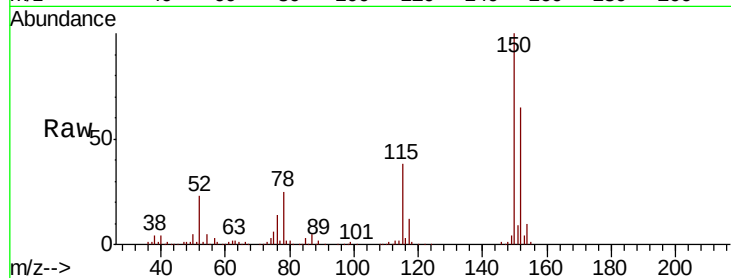


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_F
ClientSampleId :

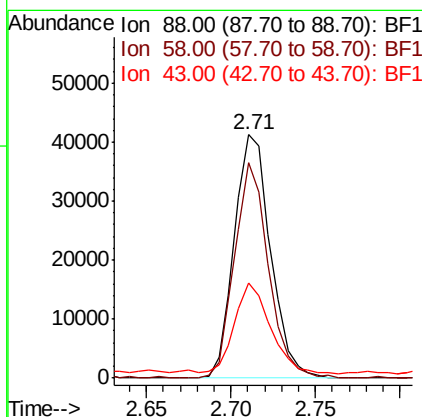
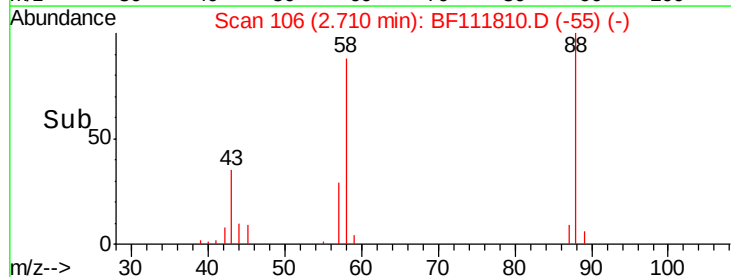
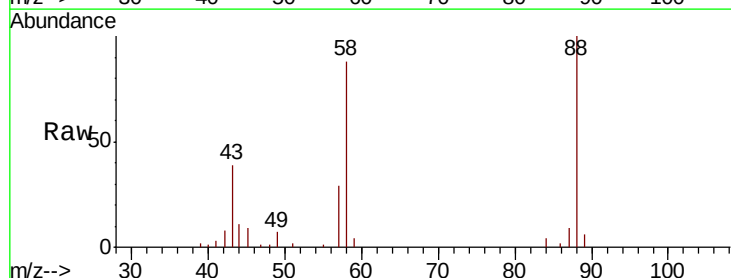
Tot Ion:152 Resp: 154668
Ion Ratio Lower Upper
152 100
150 153.1 126.6 189.8
115 58.2 50.7 76.1

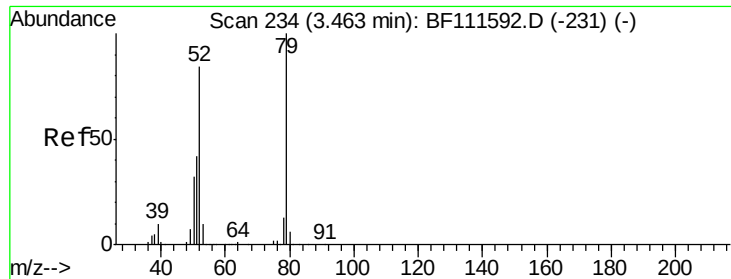


#2

1,4-Dioxane
Concen: 14.445 ng
RT: 2.71 min Scan# 106
Delta R.T. -0.00 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion: 88 Resp: 61669
Ion Ratio Lower Upper
88 100
58 83.1 68.9 103.3
43 37.1 25.8 38.6





#3

Pvridine

Concen: 12.704 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampled :

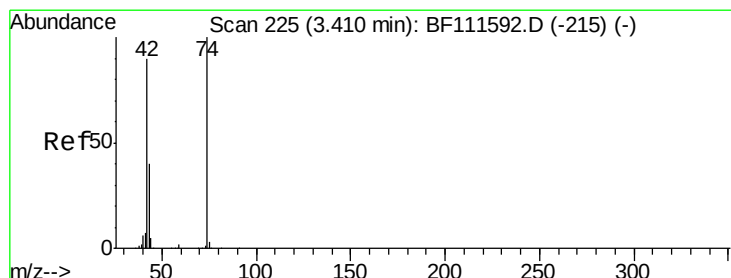
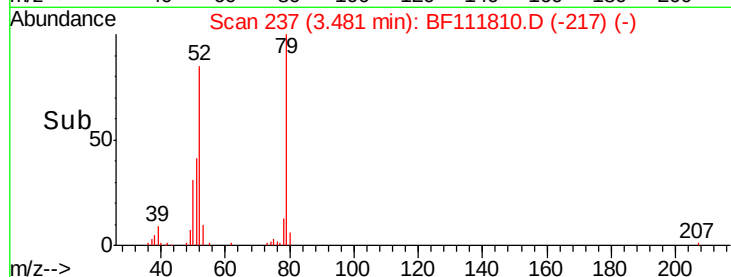
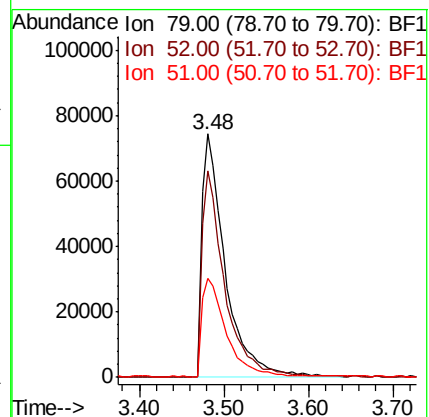
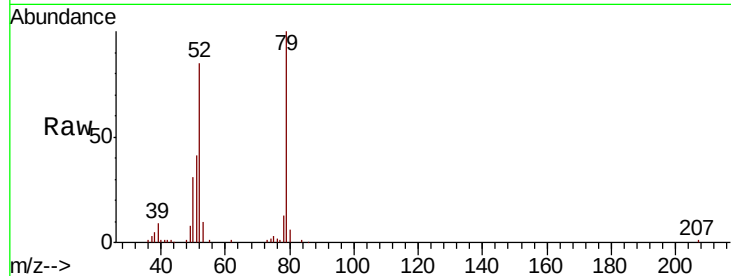
Tot Ion: 79 Resp: 141295

Ion Ratio Lower Upper

79 100

52 84.8 68.3 102.5

51 40.8 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 18.287 ng

RT: 3.41 min Scan# 225

Delta R.T. -0.00 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

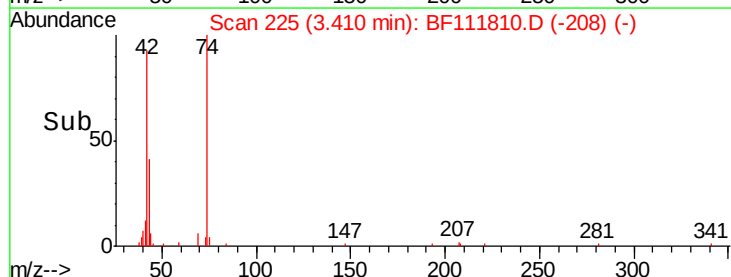
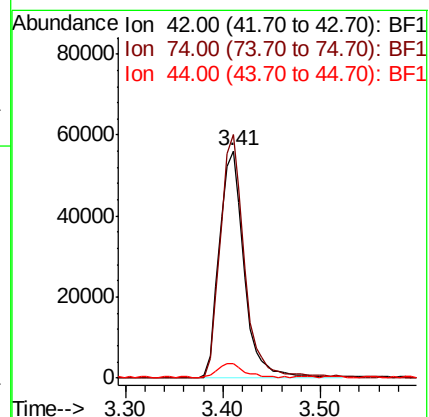
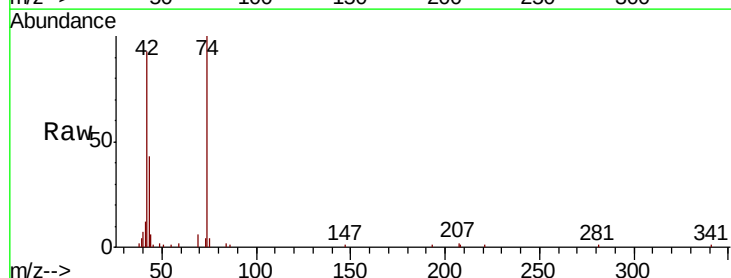
Tgt Ion: 42 Resp: 99541

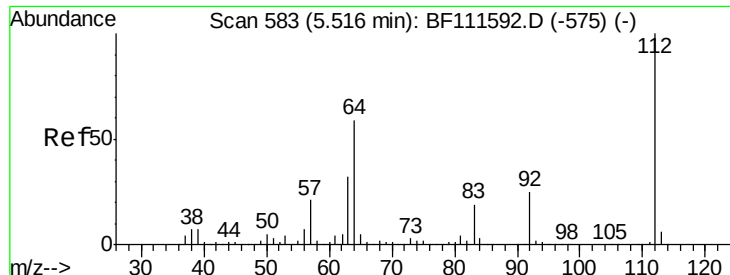
Ion Ratio Lower Upper

42 100

74 107.2 101.5 152.3

44 6.2 6.0 9.0





#5

2-Fluorophenol

Concen: 61.740 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampled :

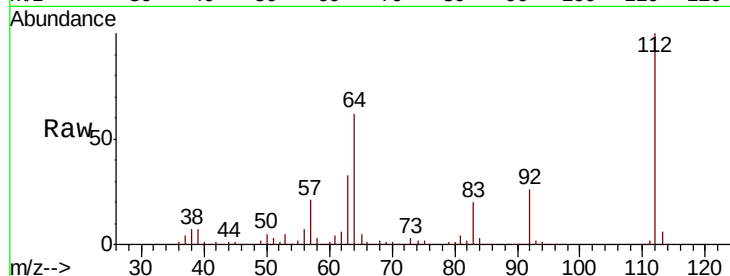
Tot Ion:112 Resp: 560228

Ion Ratio Lower Upper

112 100

64 62.1 51.8 77.6

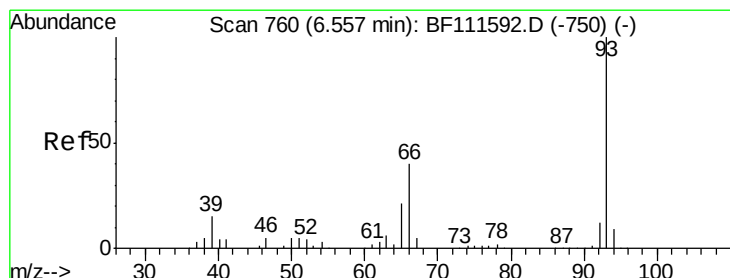
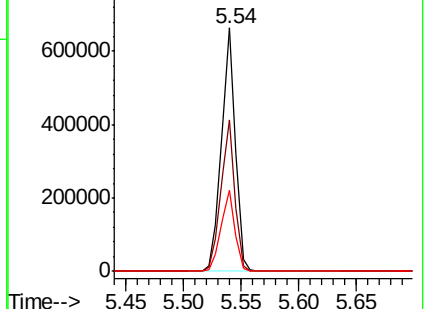
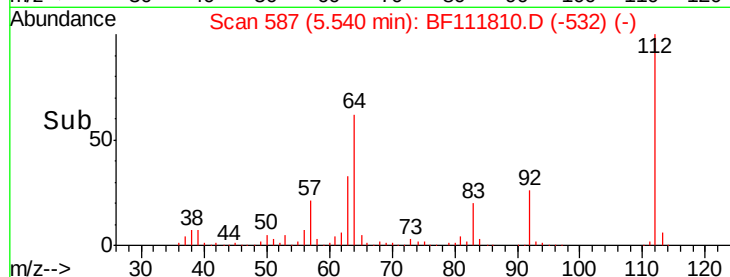
63 33.1 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.063 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

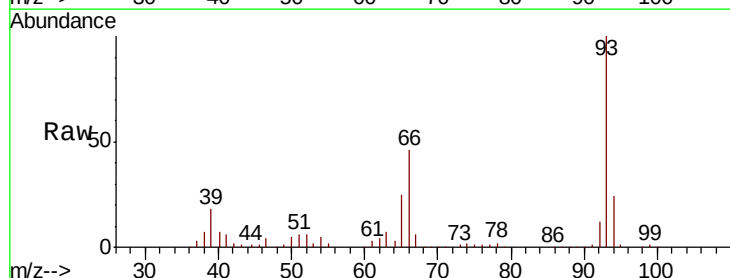
Tgt Ion: 93 Resp: 368926

Ion Ratio Lower Upper

93 100

66 45.8 33.2 49.8

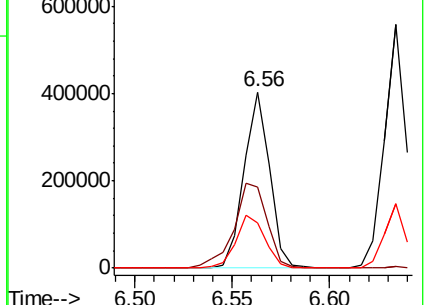
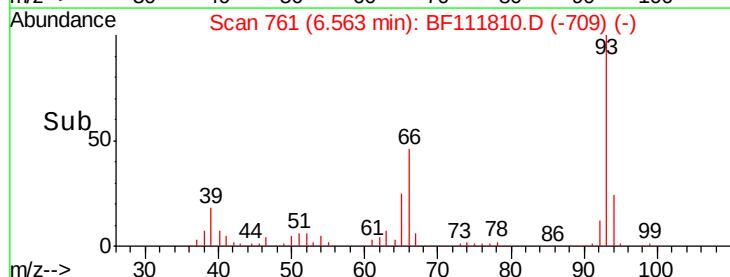
65 25.4 17.0 25.4

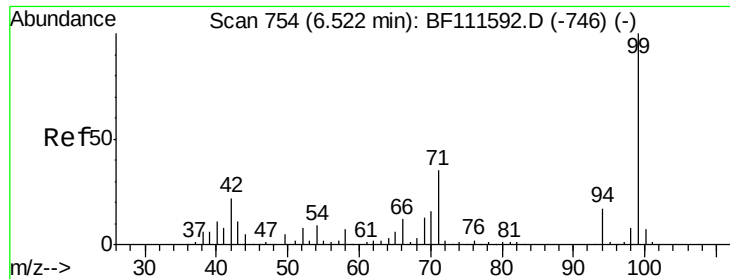


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 38.970 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

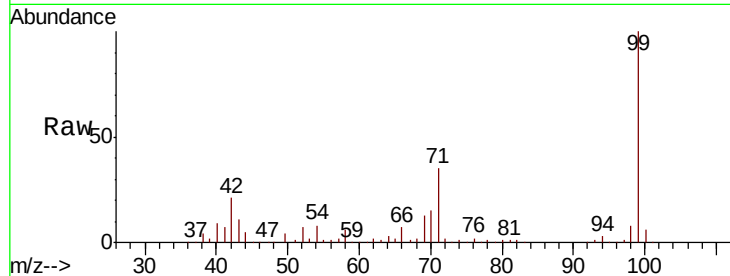
Tot Ion: 99 Resp: 450018

Ion Ratio Lower Upper

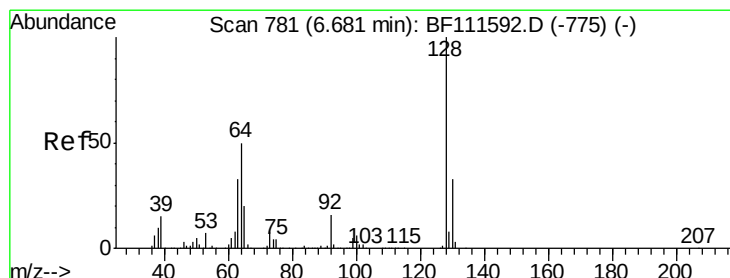
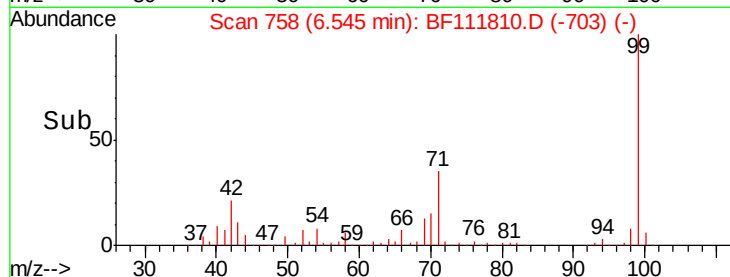
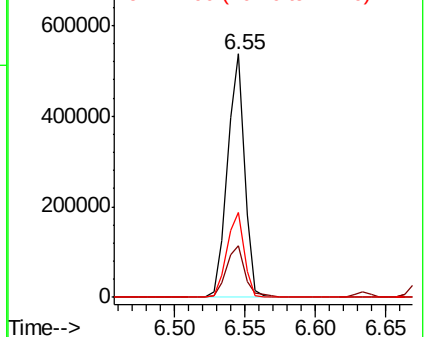
99 100

42 21.4 17.4 26.0

71 34.9 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: 37.114 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

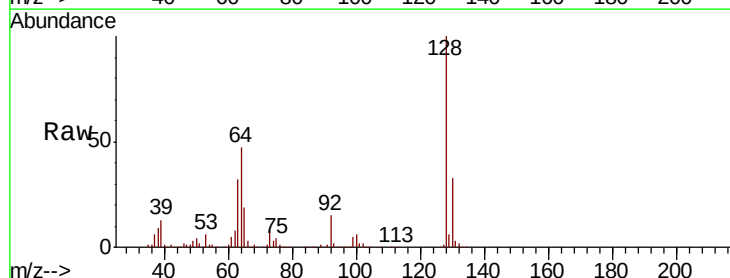
Tgt Ion: 128 Resp: 373054

Ion Ratio Lower Upper

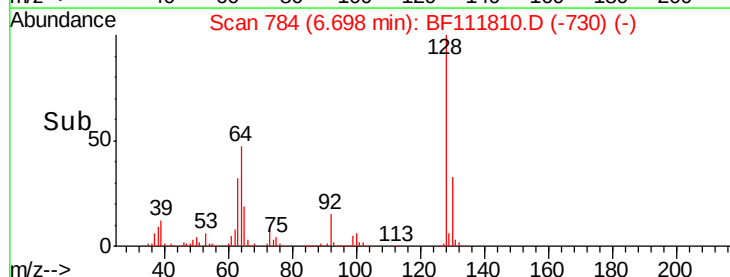
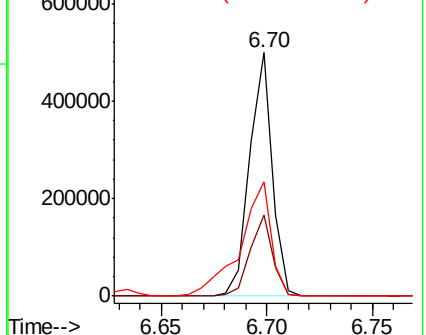
128 100

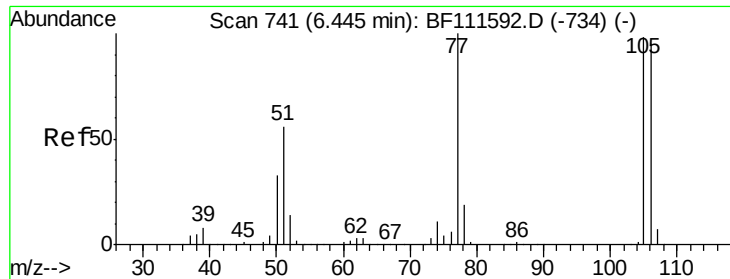
130 33.2 12.7 52.7

64 46.7 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: 28.054 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

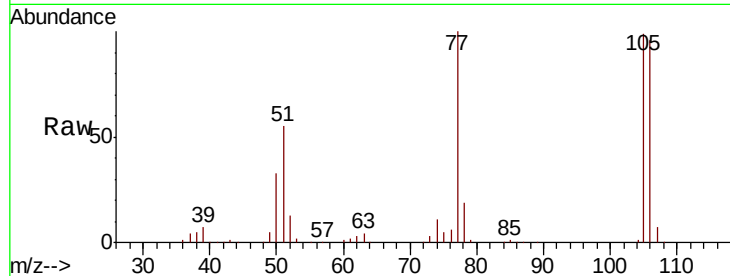
Tot Ion: 77 Resp: 222813

Ion Ratio Lower Upper

77 100

105 99.5 81.4 121.4

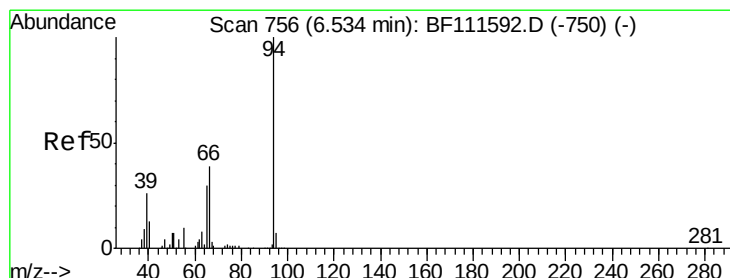
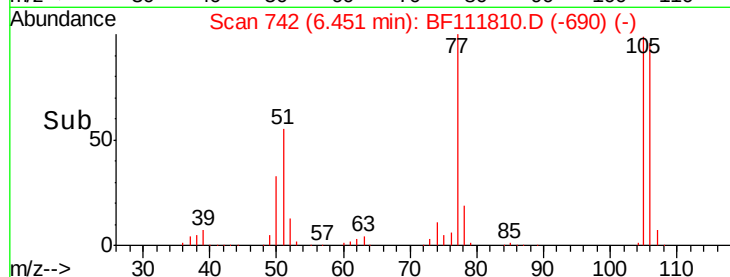
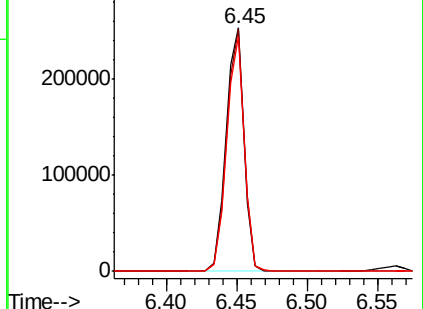
106 96.3 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 13.626 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

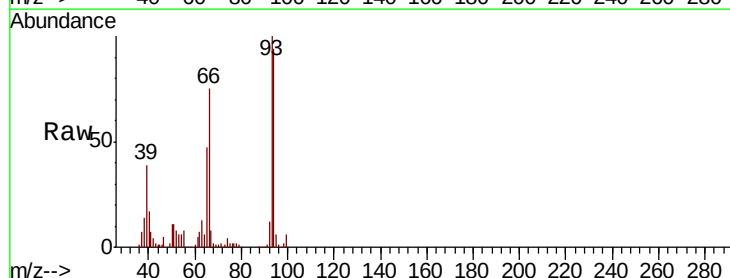
Tgt Ion: 94 Resp: 177545

Ion Ratio Lower Upper

94 100

65 49.7 11.7 51.7

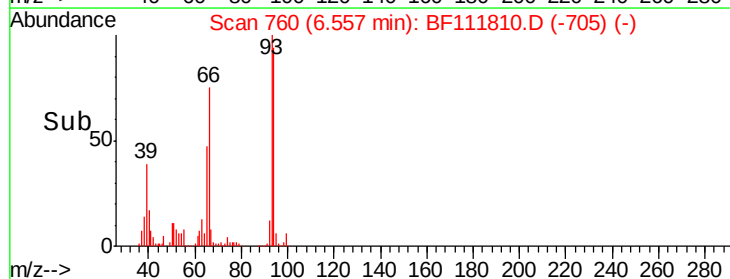
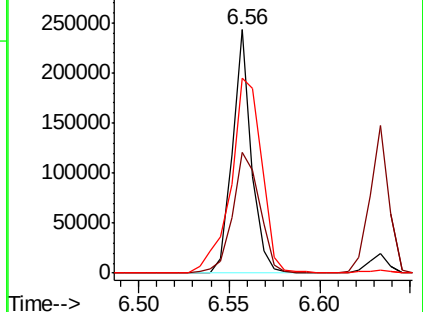
66 79.9 21.0 61.0#

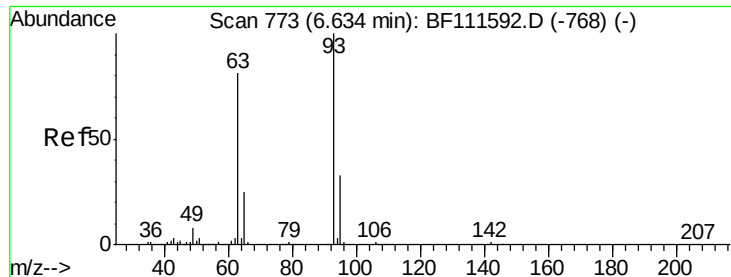


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

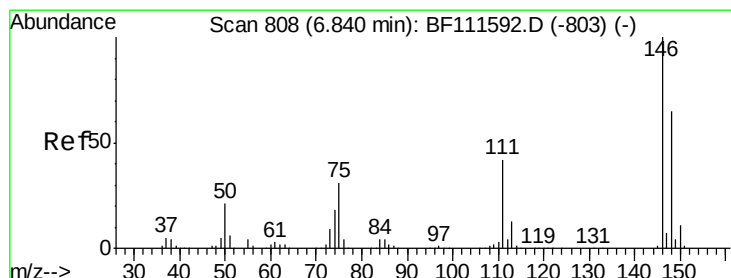
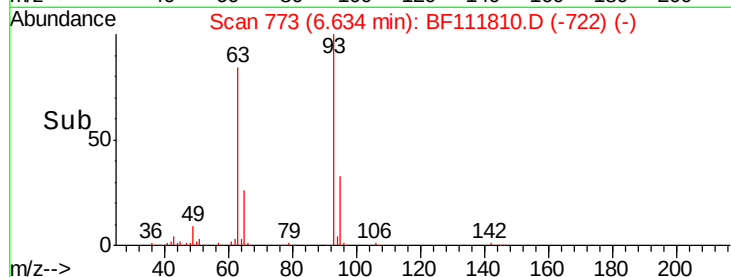
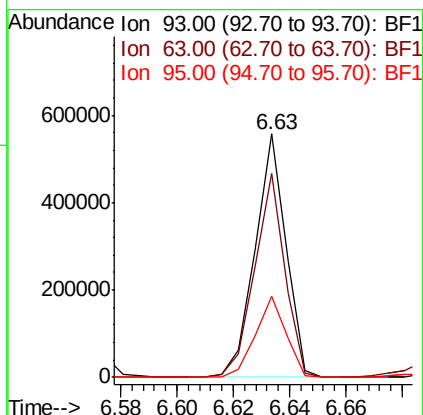
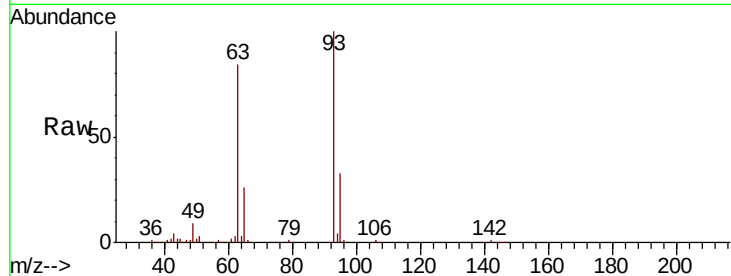




#11
bis(2-Chloroethyl)ether
Concen: 43.108 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

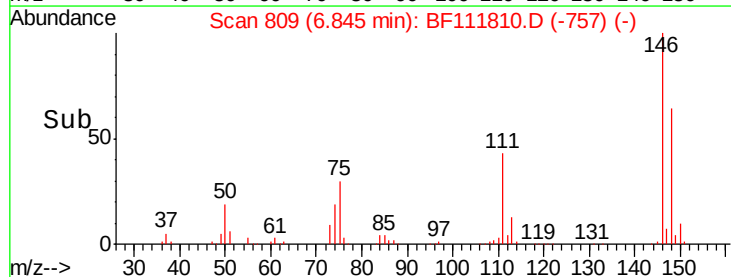
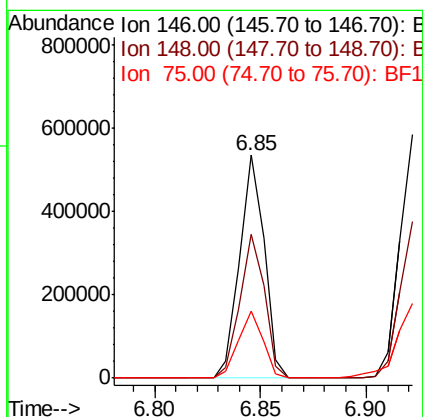
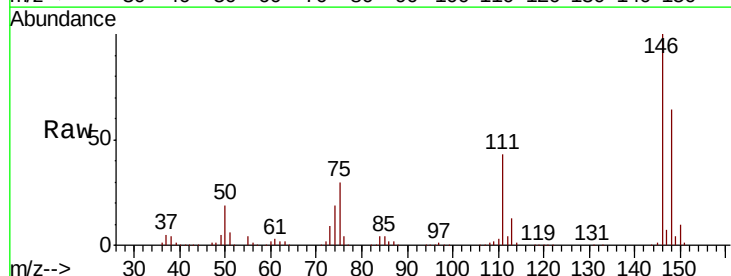
Instrument :
BNA_F
ClientSampleId :

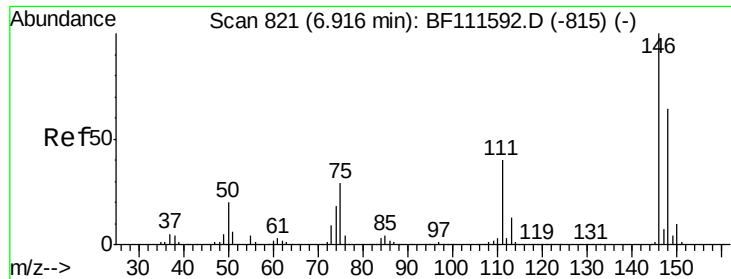
Tot Ion	Ratio	Lower	Upper
93	100		
63	83.7	60.0	100.0
95	33.1	13.4	53.4



#12
1,3-Dichlorobenzene
Concen: 36.991 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.1	78.1
75	30.3	23.9	35.9

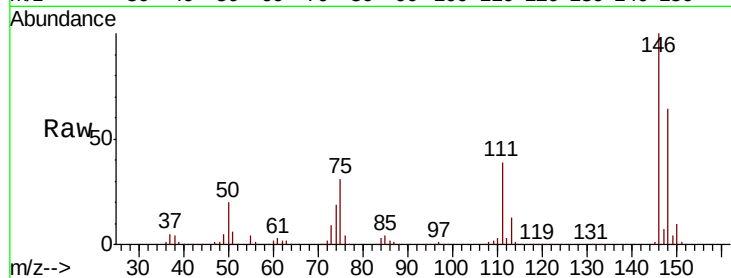




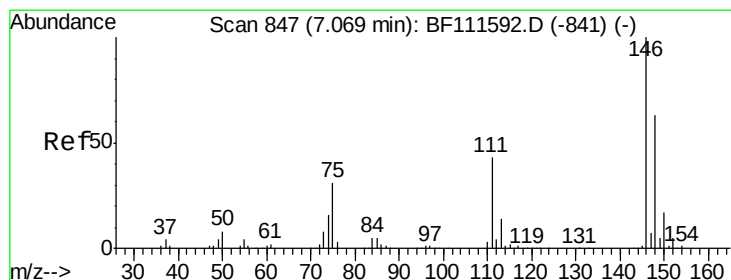
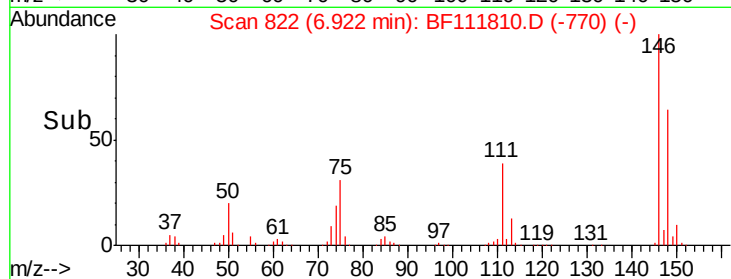
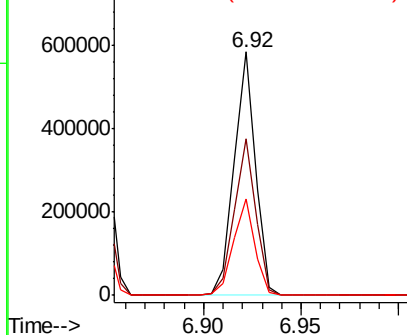
#13
 1,4-Dichlorobenzene
 Concen: 37.562 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 443755
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.8 79.2
 111 39.5 33.4 50.0

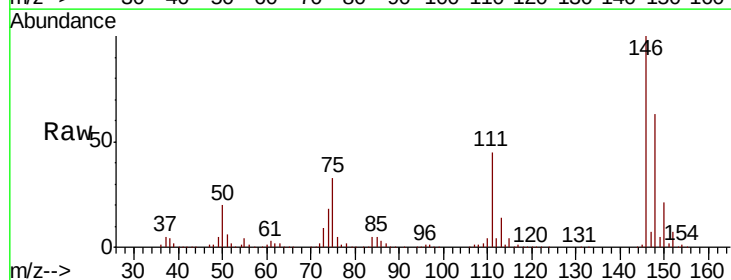


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

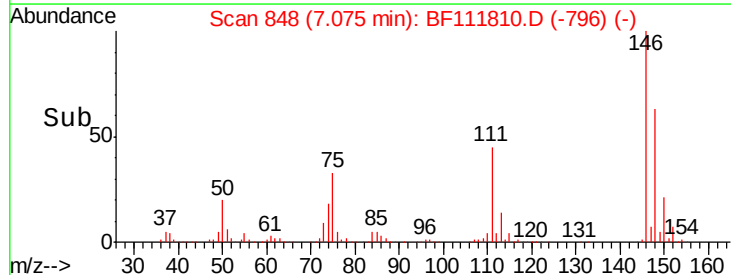
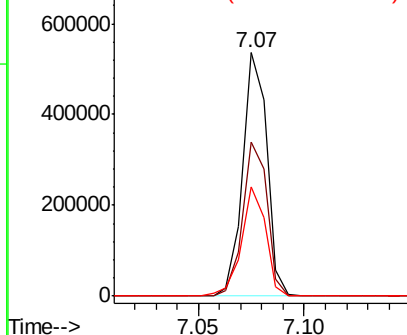


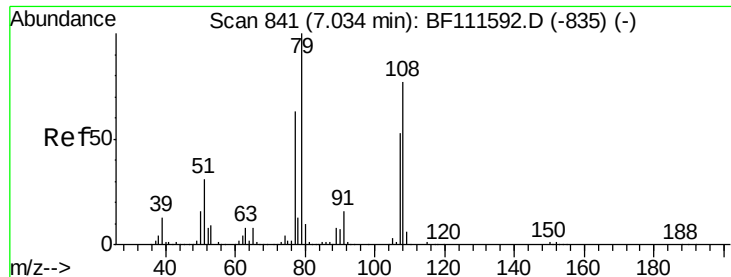
#14
 1,2-Dichlorobenzene
 Concen: 38.426 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Tgt Ion:146 Resp: 423535
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.9 77.9
 111 45.0 36.2 54.4



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





#15

Benzyl Alcohol

Concen: 28.701 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

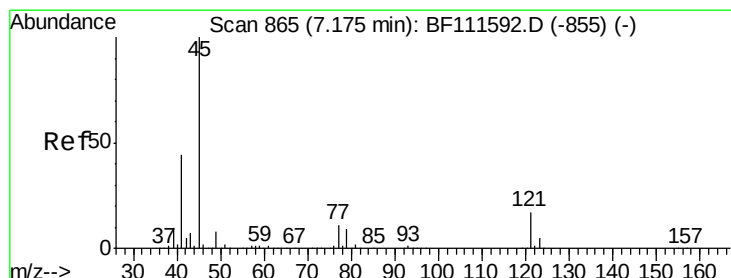
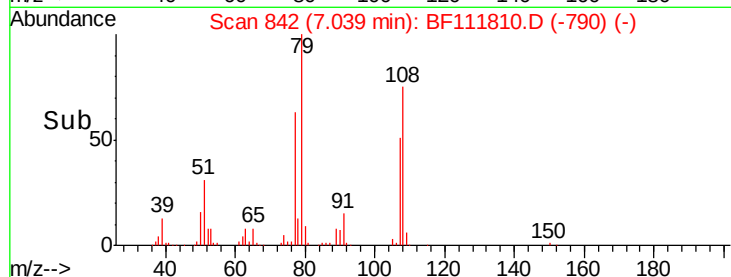
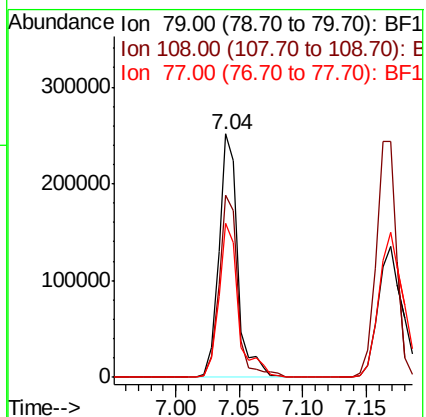
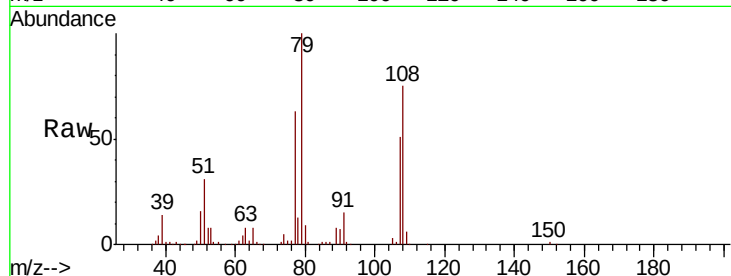
Tot Ion: 79 Resp: 263228

Ion Ratio Lower Upper

79 100

108 75.0 69.4 104.2

77 63.4 49.7 74.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.135 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

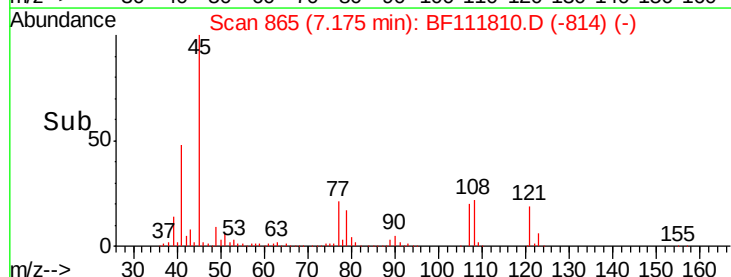
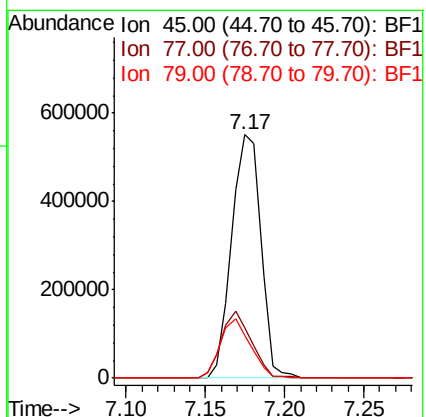
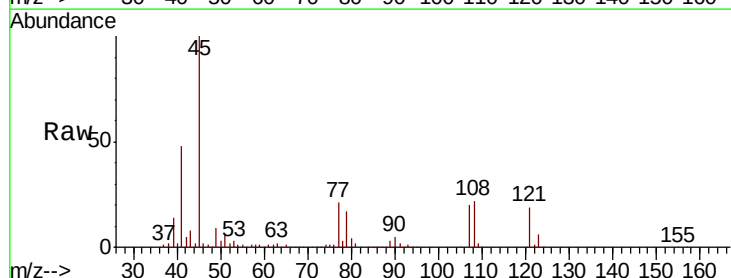
Tgt Ion: 45 Resp: 703732

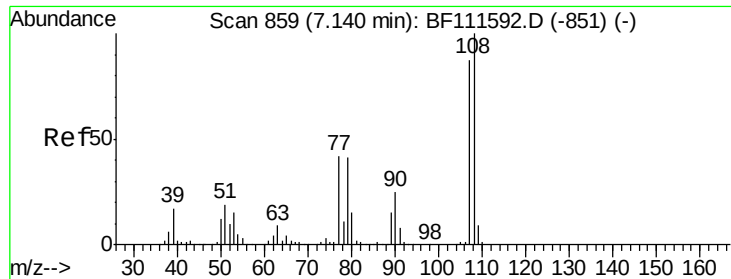
Ion Ratio Lower Upper

45 100

77 20.7 0.0 31.5

79 17.3 0.0 28.9





#17

2-Methylphenol

Concen: 30.477 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.03 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 245295

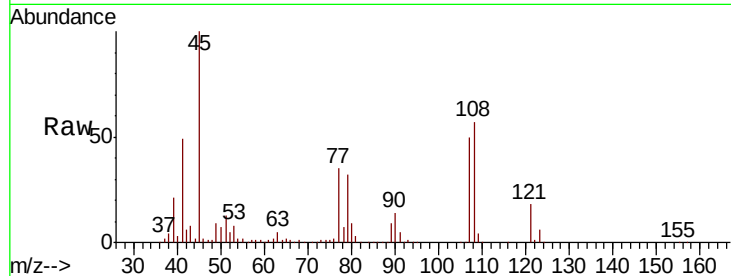
Ion Ratio Lower Upper

107 100

108 113.2 91.0 136.4

77 69.6 33.5 50.3#

79 62.6 33.3 49.9#

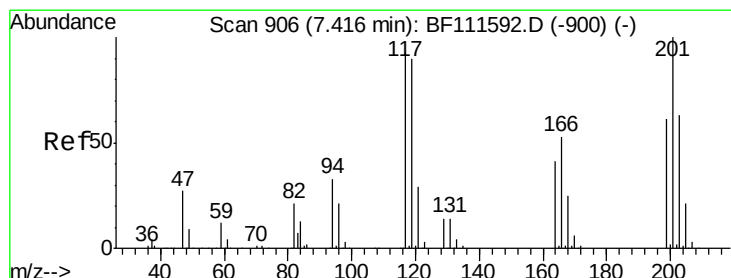
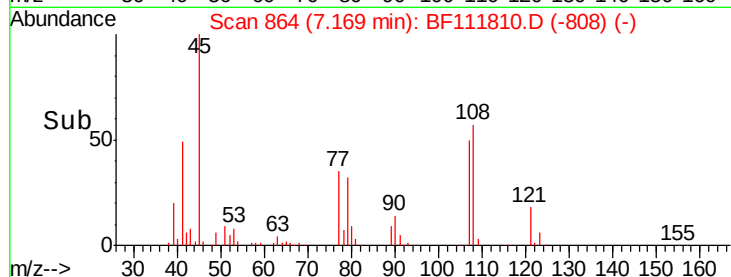
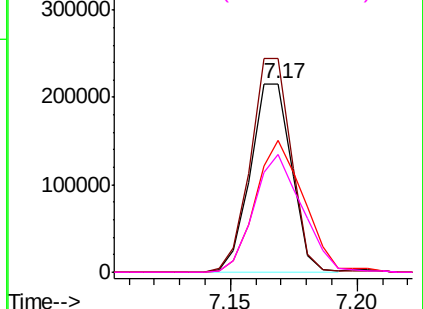


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 37.484 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

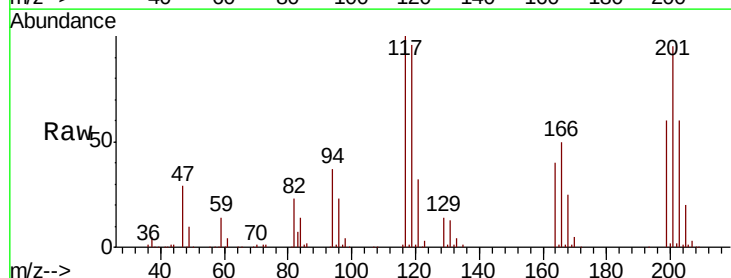
Tgt Ion:117 Resp: 149226

Ion Ratio Lower Upper

117 100

119 96.1 75.4 113.0

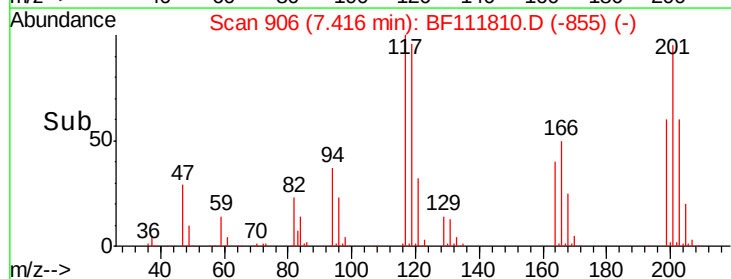
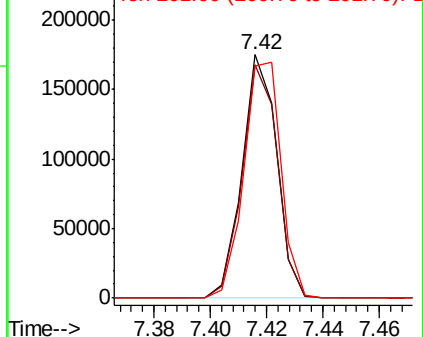
201 95.2 62.4 93.6#

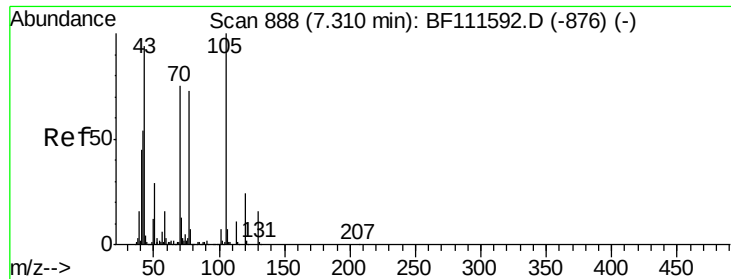


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

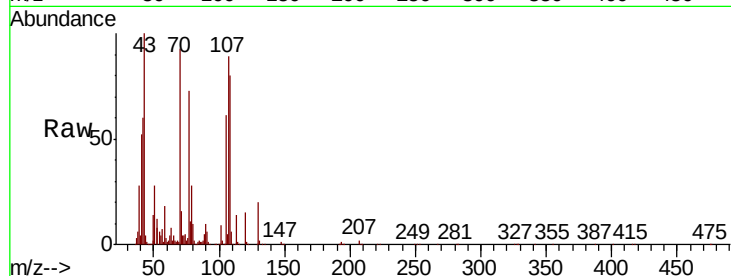




#19
n-Nitroso-di-n-propylamine
Concen: 43.789 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.5	53.2	79.8	
101	9.6	8.2	12.4	
130	21.8	18.1	27.1	



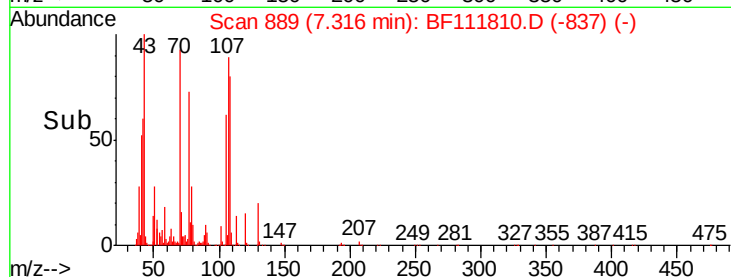
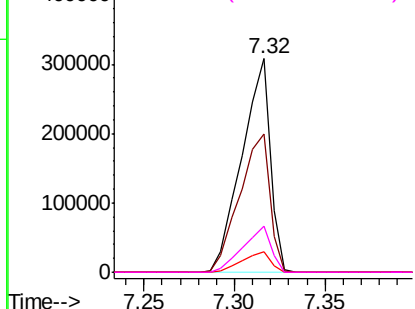
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 27.284 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.6	72.1	112.1	
77	81.8	94.1	134.1#	
79	31.4	9.8	49.8	

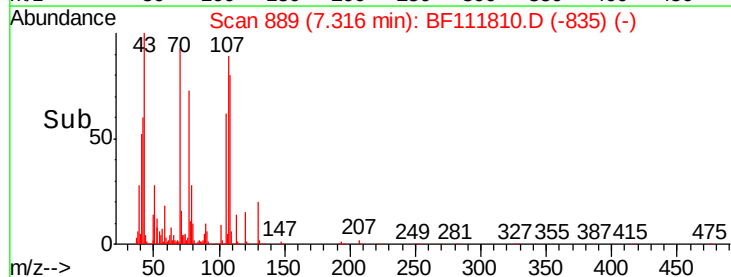
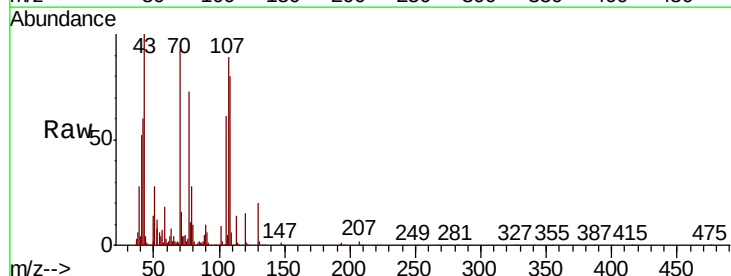
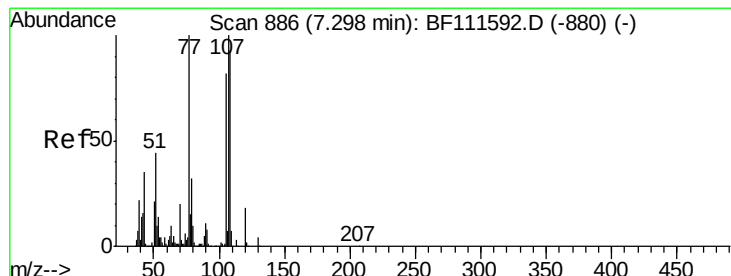
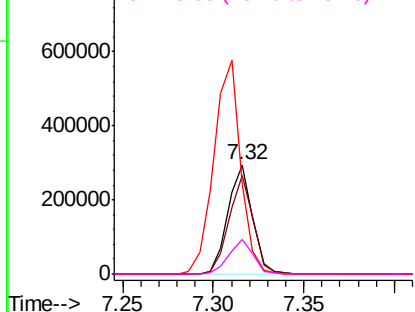
Abundance

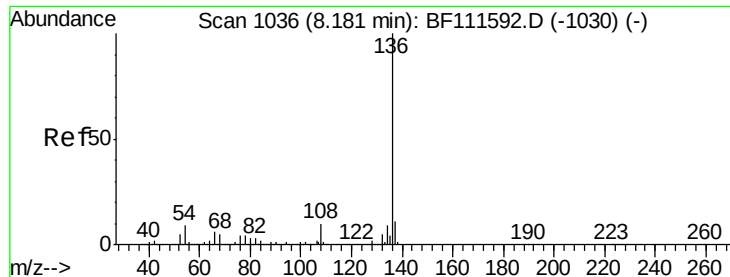
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 576021

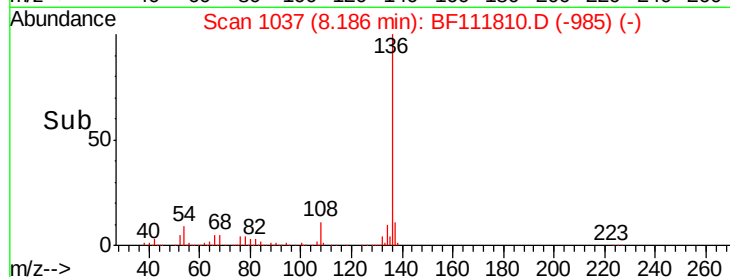
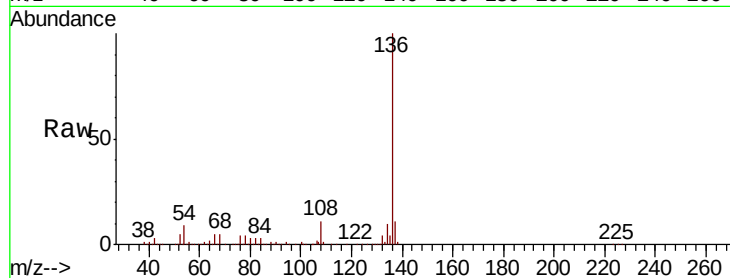
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.7 7.7 11.5

68 5.3 4.9 7.3

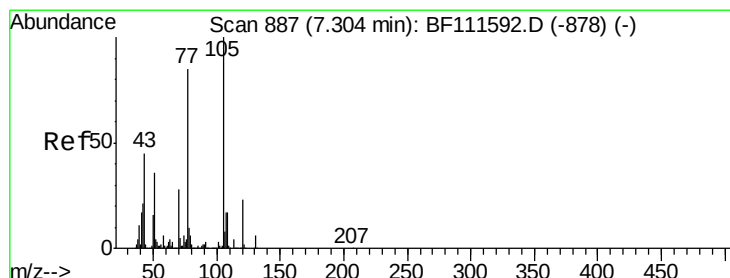
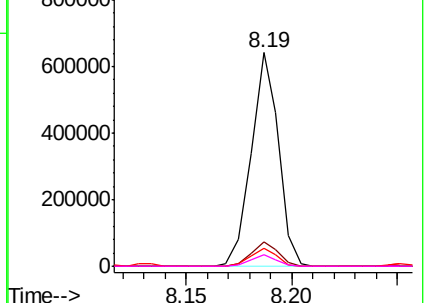


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.889 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Tgt Ion:105 Resp: 640465

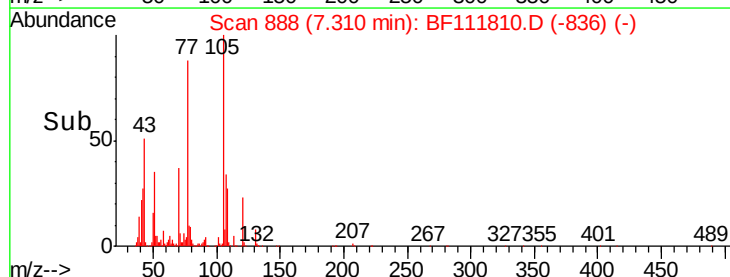
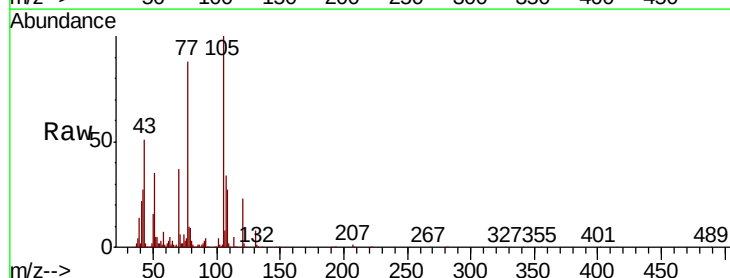
Ion Ratio Lower Upper

105 100

71 6.2 3.1 4.7#

51 34.8 36.6 54.8#

120 23.0 18.2 27.4

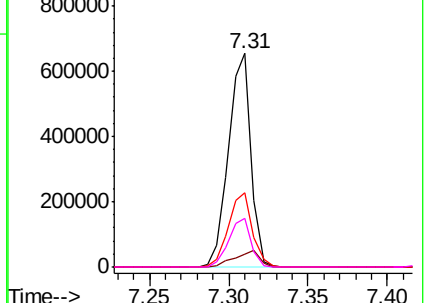


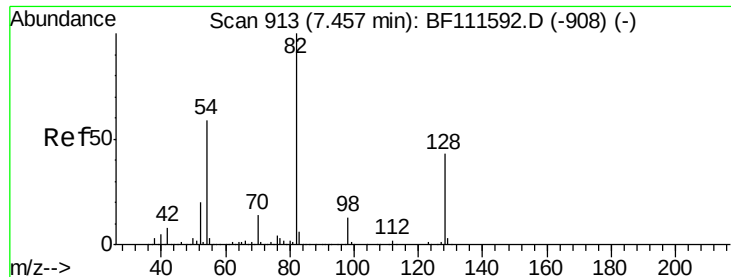
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

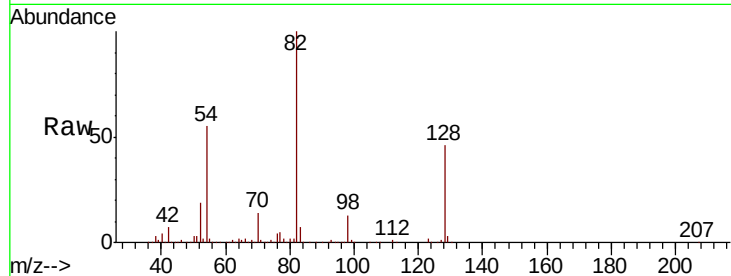




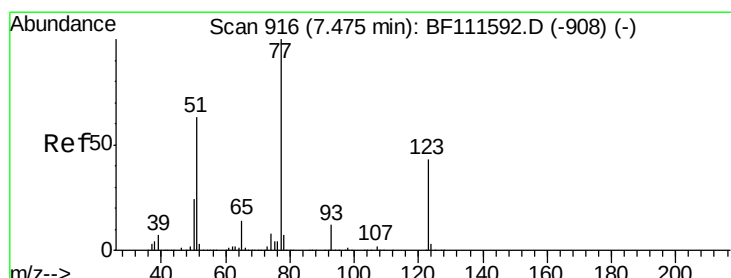
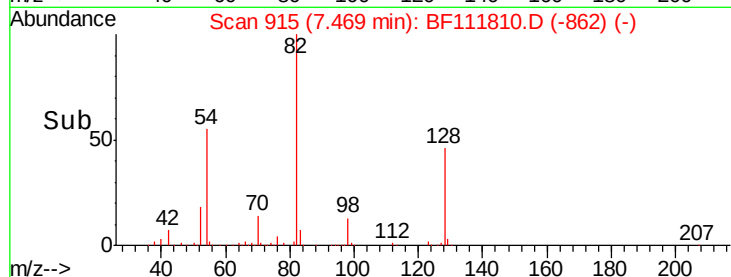
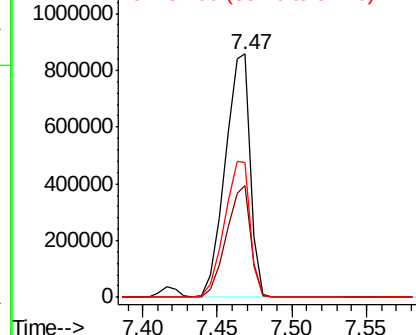
#23
 Nitrobenzene-d5
 Concen: 102.511 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1014448
 Ion Ratio Lower Upper
 82 100
 128 46.0 37.4 56.2
 54 55.2 47.6 71.4

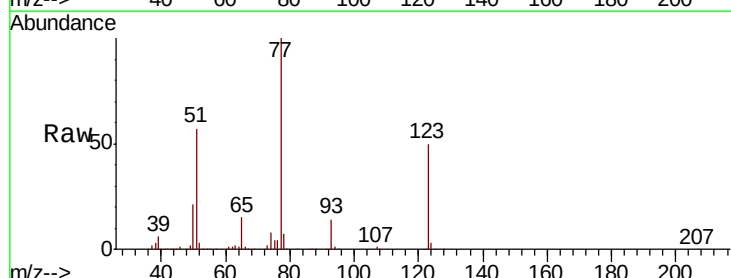


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

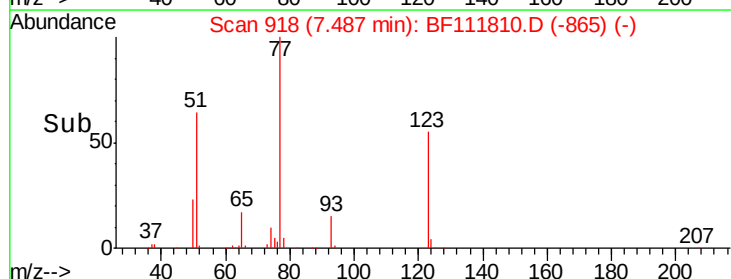
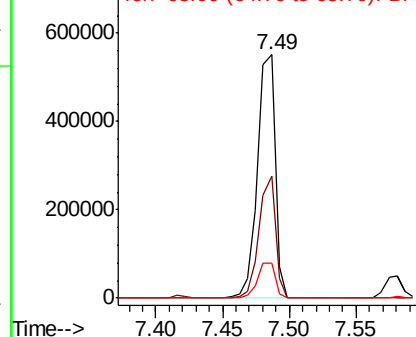


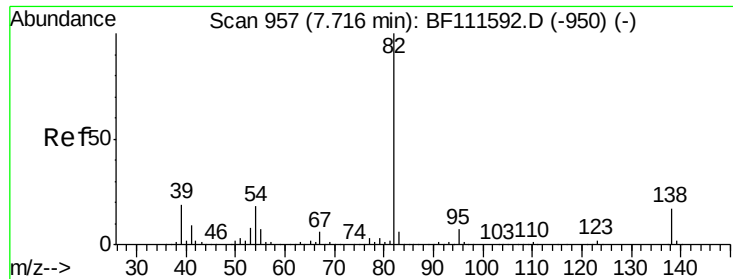
#24
 Nitrobenzene
 Concen: 48.087 ng
 RT: 7.49 min Scan# 918
 Delta R.T. 0.01 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Tgt Ion: 77 Resp: 498749
 Ion Ratio Lower Upper
 77 100
 123 49.9 37.2 55.8
 65 14.5 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

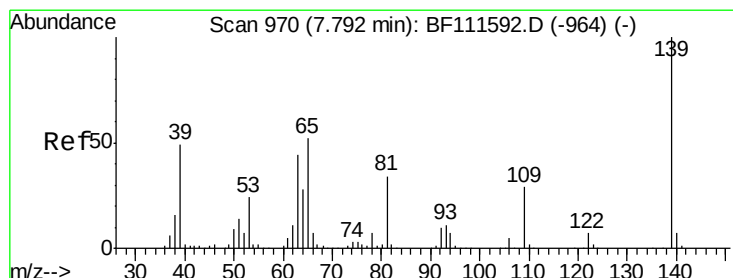
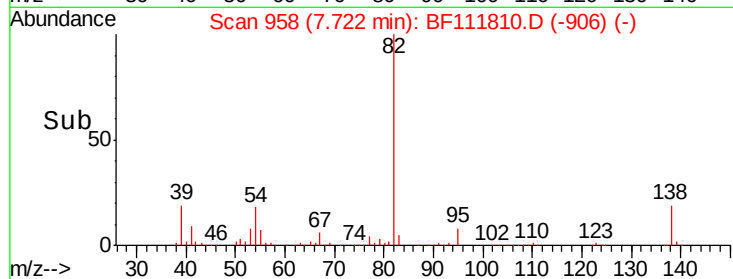
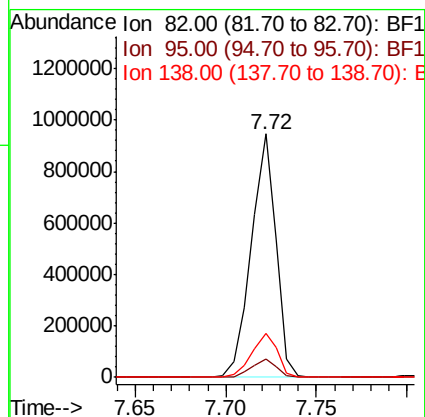
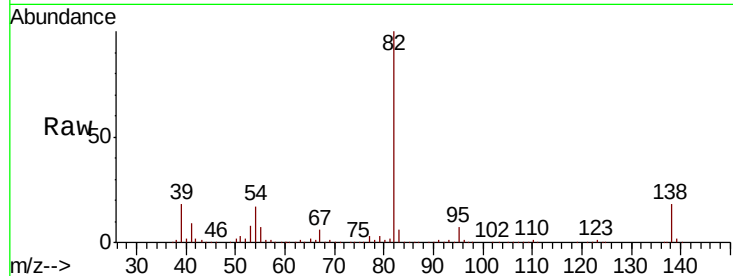




#25
Isophorone
Concen: 50.828 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

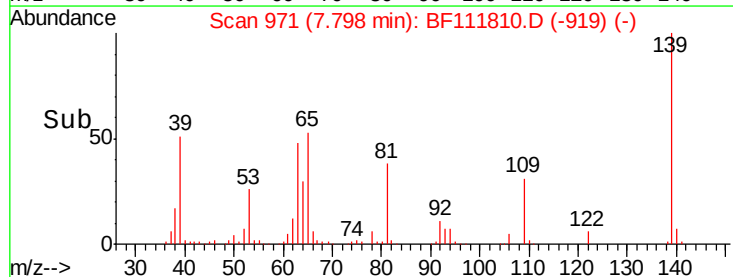
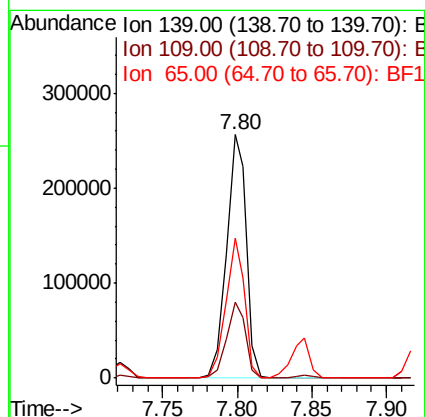
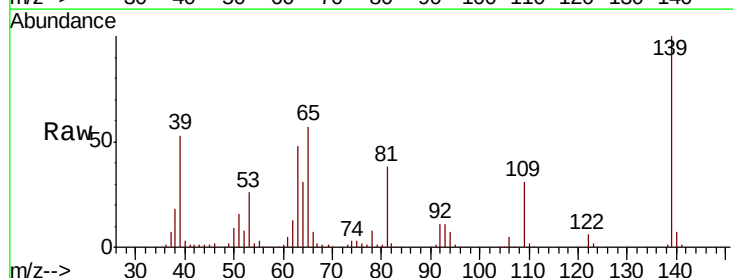
Instrument :
BNA_F
ClientSampleId :

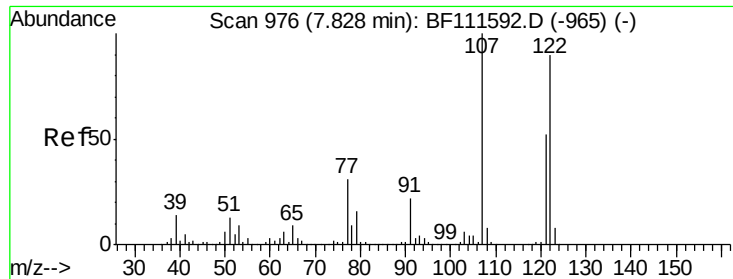
Tot Ion: 82 Resp: 892949
Ion Ratio Lower Upper
82 100
95 7.5 5.4 8.2
138 17.8 15.1 22.7



#26
2-Nitrophenol
Concen: 57.199 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion: 139 Resp: 240607
Ion Ratio Lower Upper
139 100
109 31.3 20.2 30.4#
65 57.2 40.7 61.1

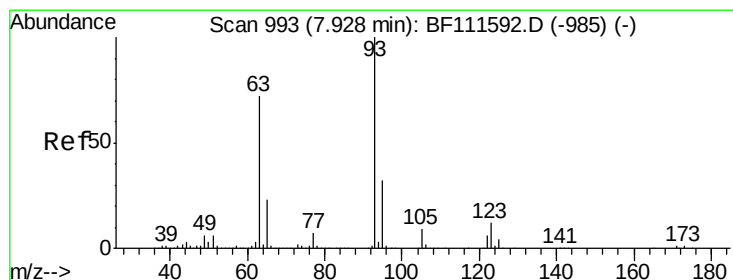
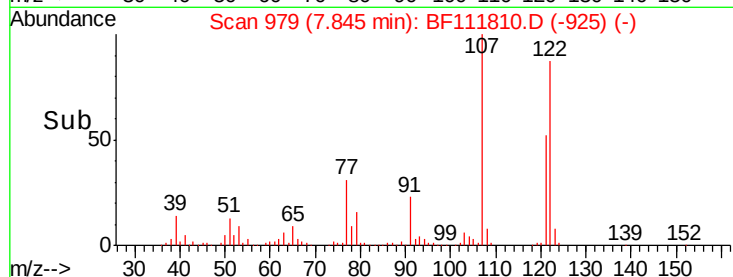
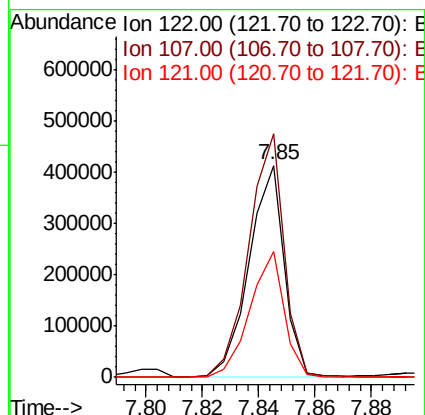
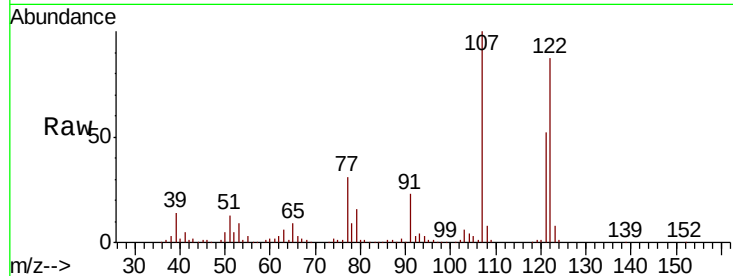




#27
2,4-Dimethylphenol
Concen: 43.132 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.02 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

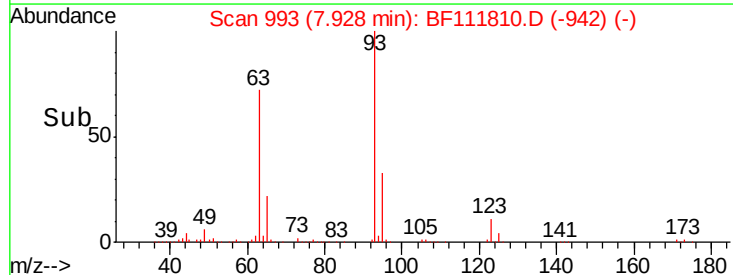
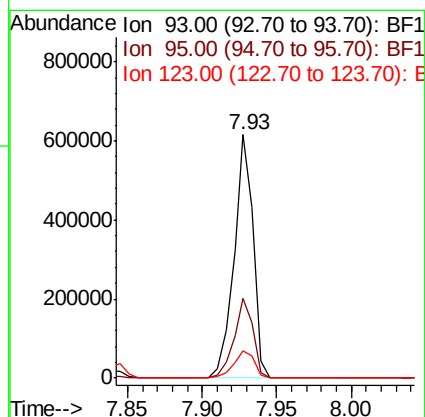
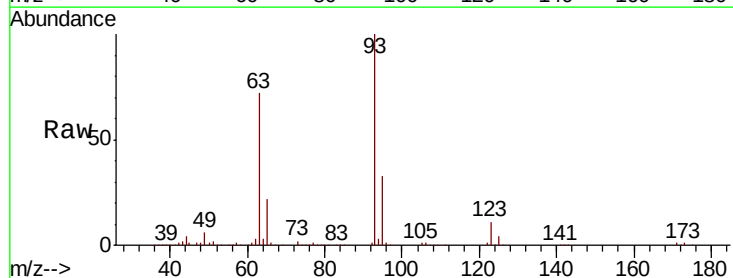
Instrument :
BNA_F
ClientSampleId :

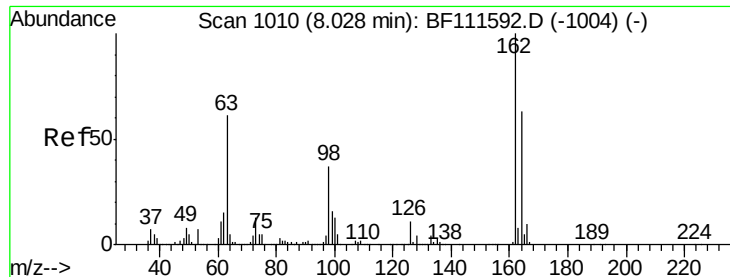
Tot Ion:122 Resp: 357655
Ion Ratio Lower Upper
122 100
107 114.9 85.5 128.3
121 59.7 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 47.307 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion: 93 Resp: 553046
Ion Ratio Lower Upper
93 100
95 32.8 27.1 40.7
123 11.4 9.9 14.9

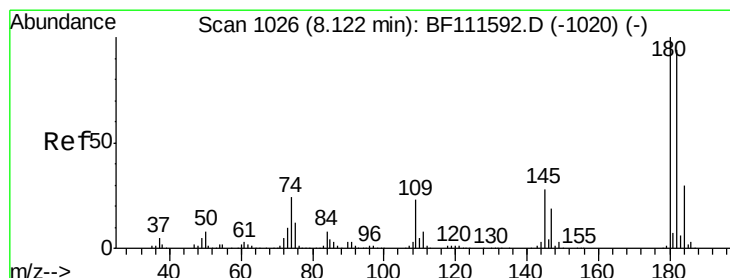
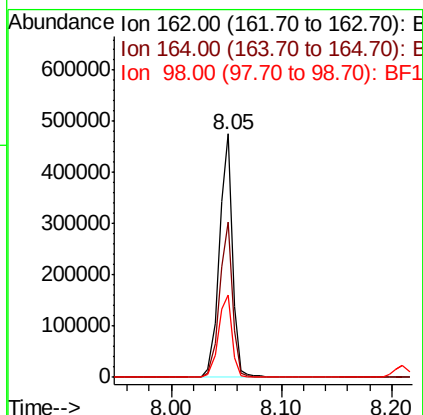
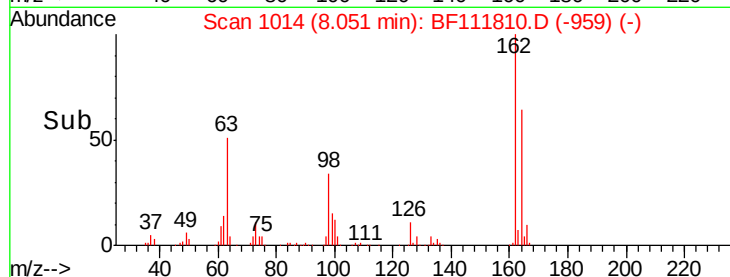
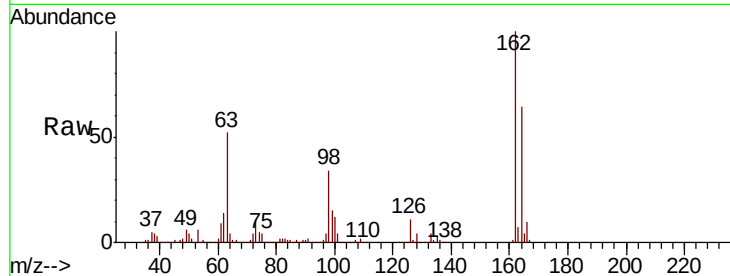




#29
2,4-Dichlorophenol
Concen: 44.044 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.02 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

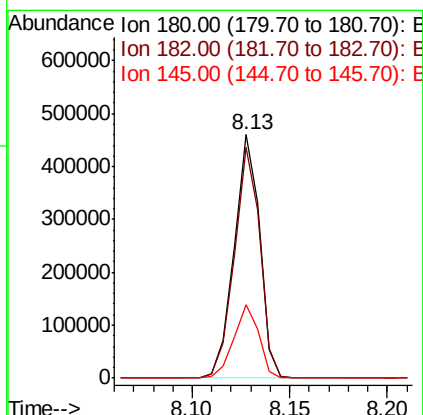
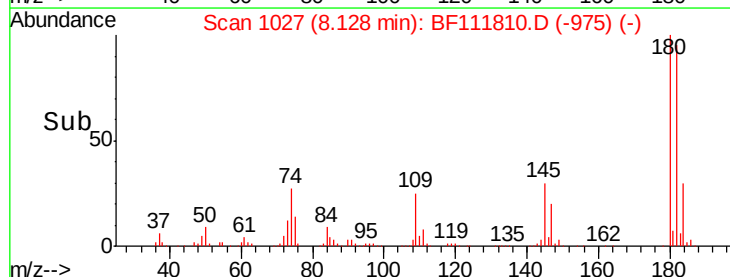
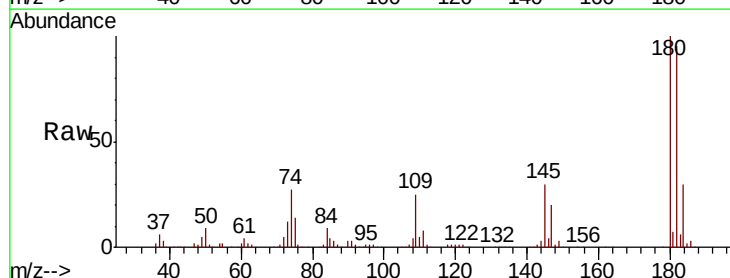
Instrument :
BNA_F
ClientSampleId :

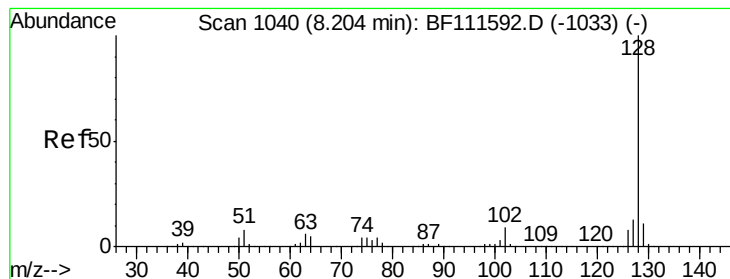
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.4	84.4
98	34.0	20.3	60.3



#30
1,2,4-Trichlorobenzene
Concen: 41.918 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.6	113.4
145	30.2	26.7	40.1





#31

Naphthalene

Concen: 46.655 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

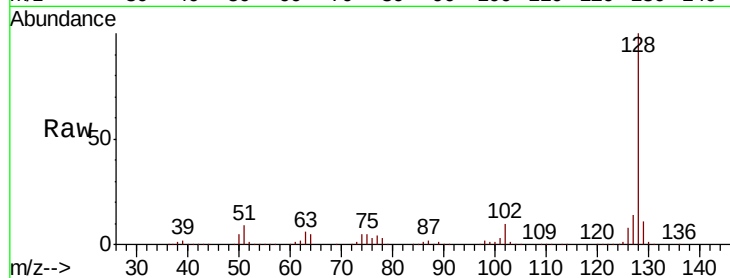
Tot Ion:128 Resp: 1291275

Ion Ratio Lower Upper

128 100

129 11.3 9.8 14.8

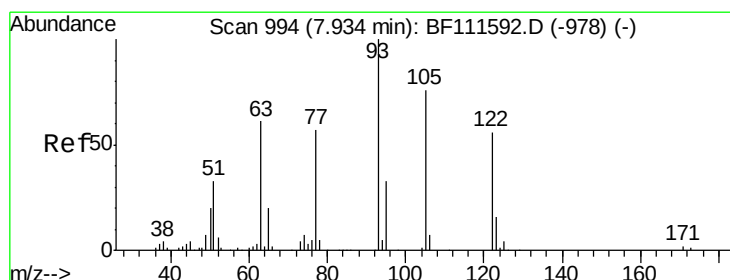
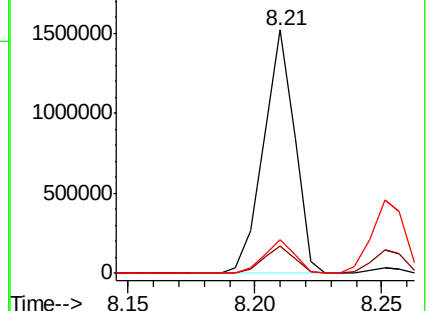
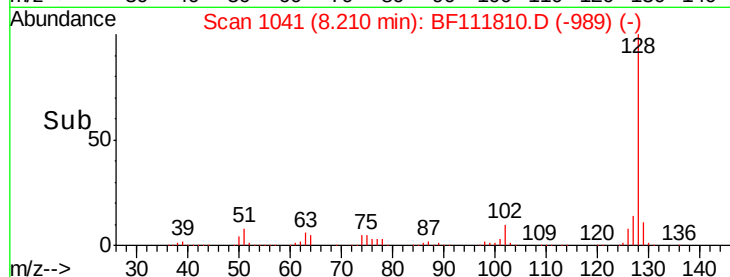
127 13.7 12.0 18.0



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



#32

Benzoic acid

Concen: 7.975 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

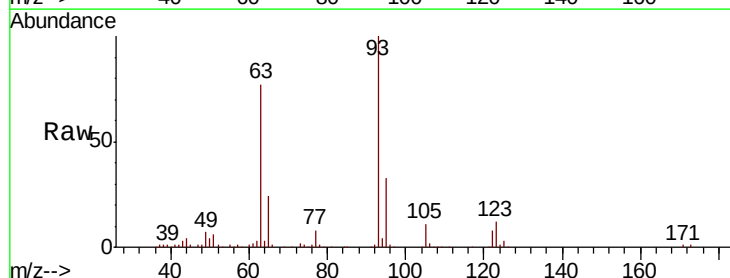
Tgt Ion:122 Resp: 43723

Ion Ratio Lower Upper

122 100

105 130.3 97.0 137.0

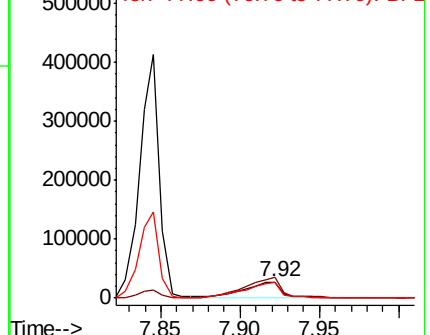
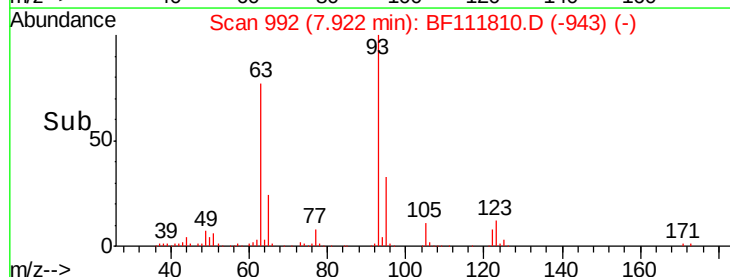
77 95.8 65.7 105.7

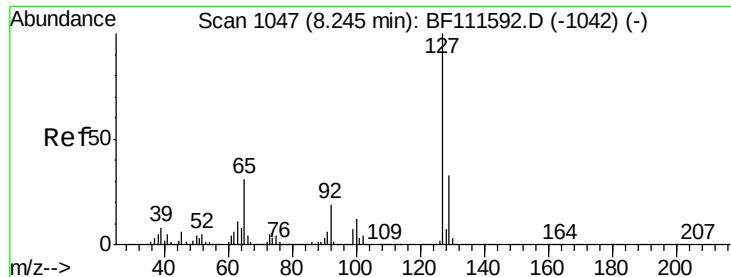


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

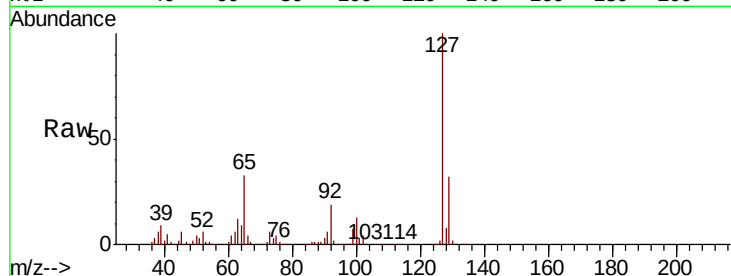




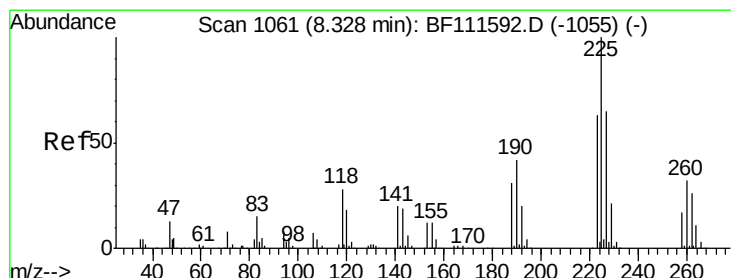
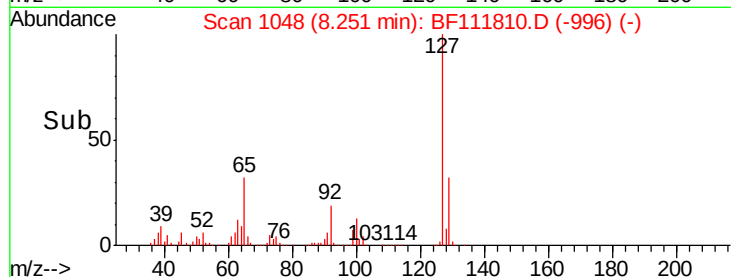
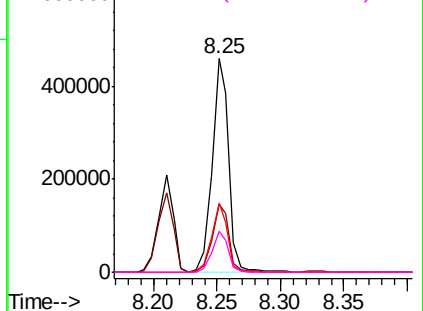
#33
4-Chloroaniline
Concen: 35.422 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	423734
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.6	39.8
65	32.6	25.7	38.5
92	19.2	15.4	23.2

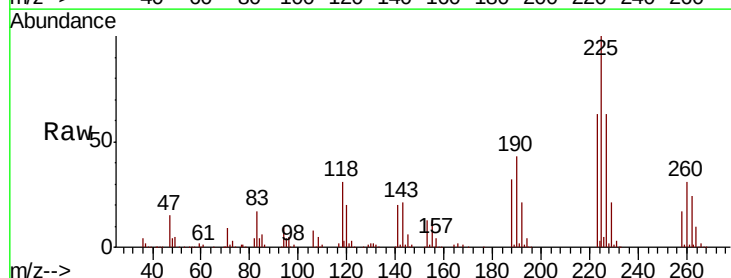


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

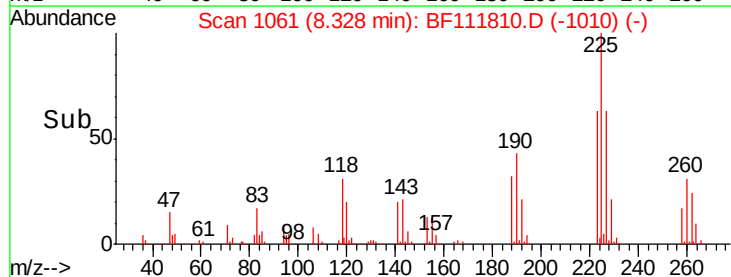
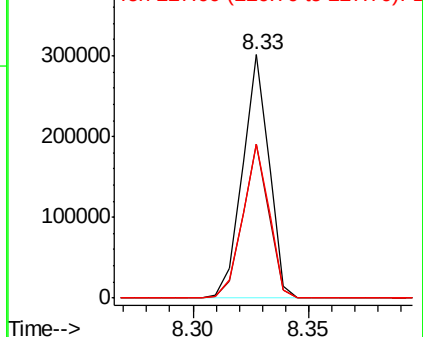


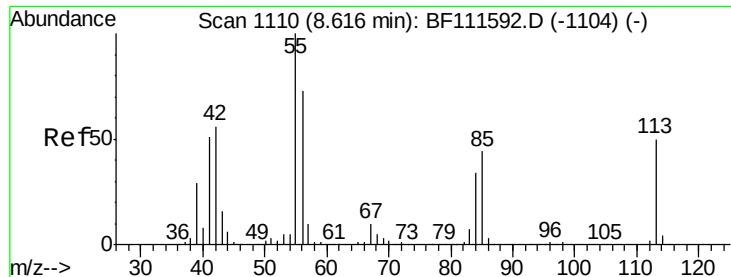
#34
Hexachlorobutadiene
Concen: 39.886 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion:	225	Resp:	241607
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.7	76.1
227	63.4	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

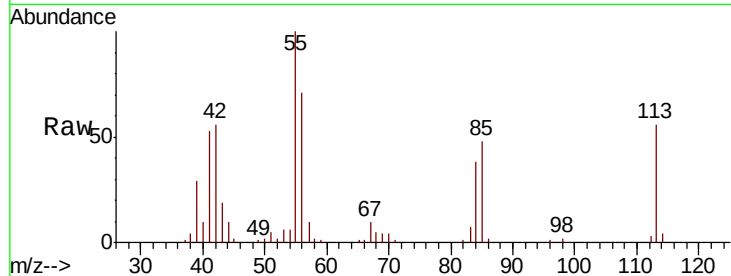




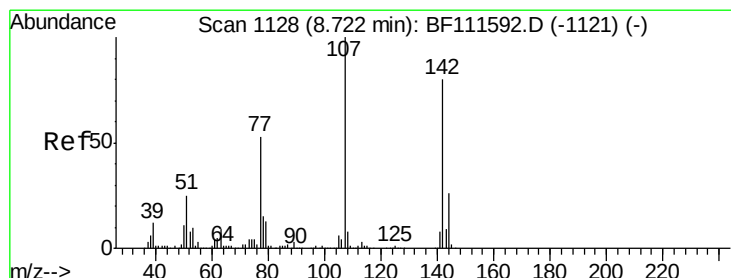
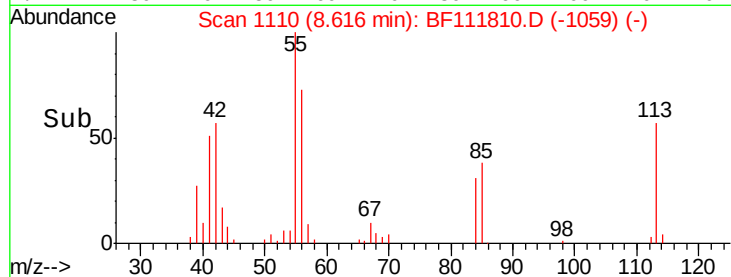
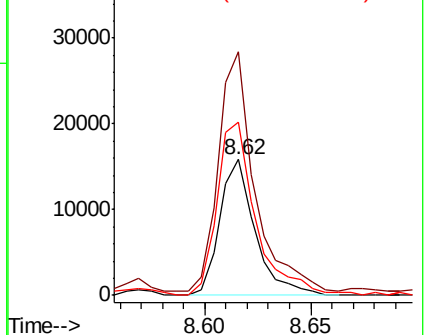
#35
 Caprolactam
 Concen: 6.074 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 18358
 Ion Ratio Lower Upper
 113 100
 55 179.2 184.1 224.1#
 56 127.7 126.0 166.0

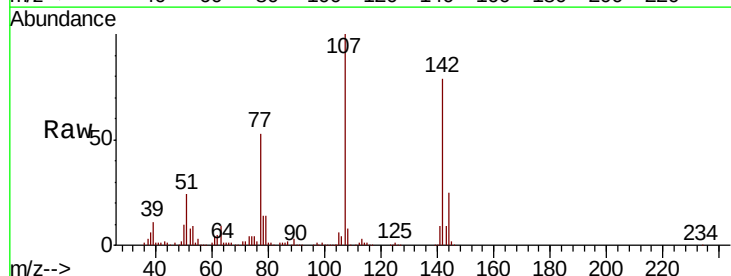


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

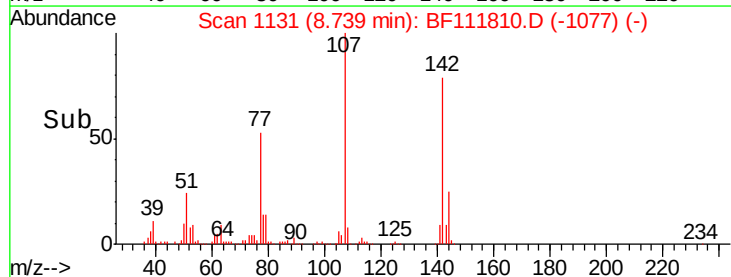
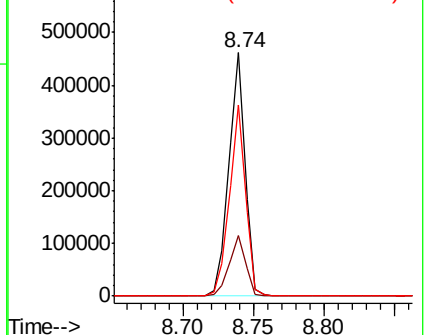


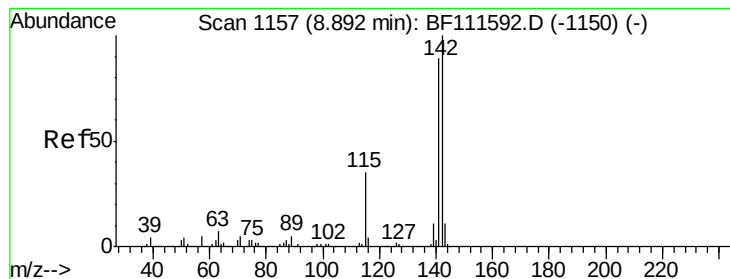
#36
 4-Chloro-3-methylphenol
 Concen: 42.562 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. 0.02 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Tgt Ion:107 Resp: 373151
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.8 29.6
 142 78.7 62.3 93.5



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





#37

2-Methylnaphthalene

Concen: 51.027 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

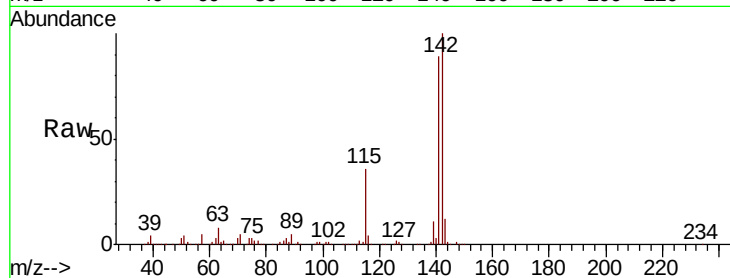
Tot Ion:142 Resp: 918839

Ion Ratio Lower Upper

142 100

141 88.9 70.6 105.8

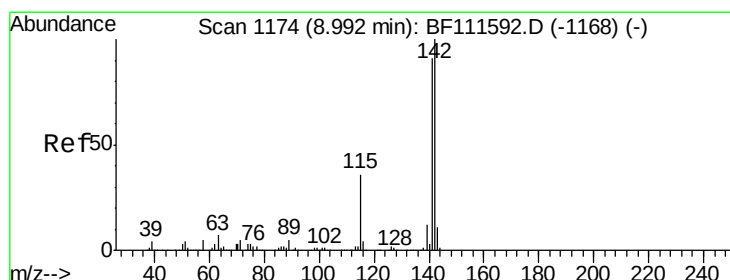
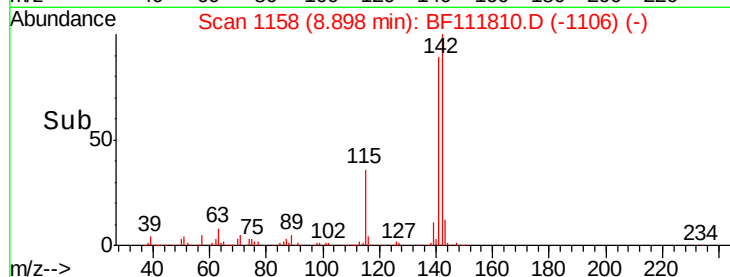
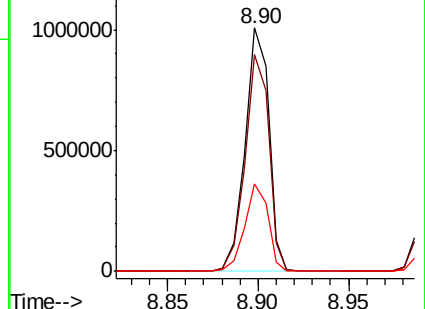
115 36.1 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 50.225 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

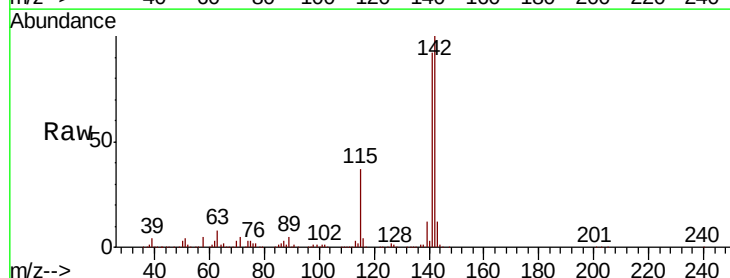
Tgt Ion:142 Resp: 868590

Ion Ratio Lower Upper

142 100

141 92.2 74.2 111.4

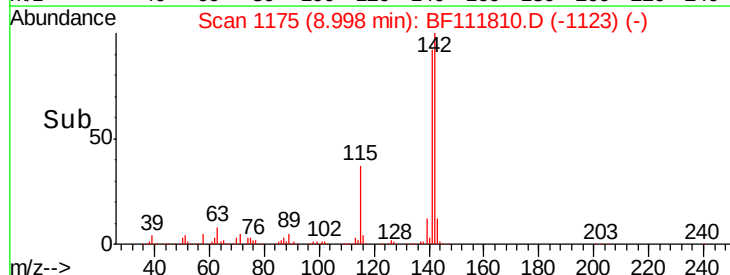
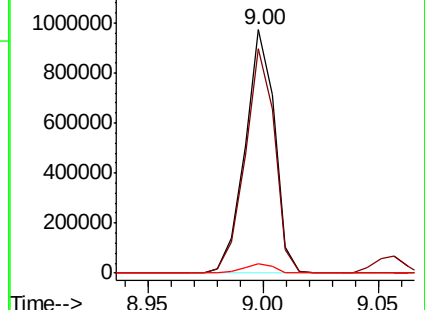
116 3.9 2.9 4.3

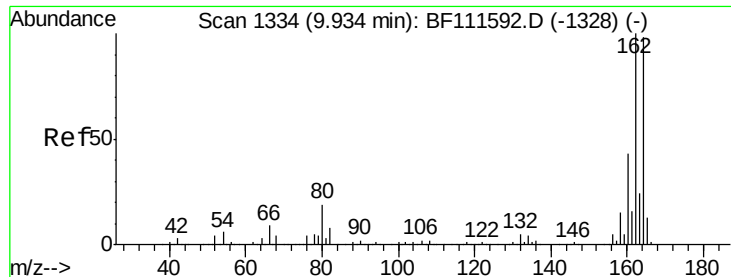


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

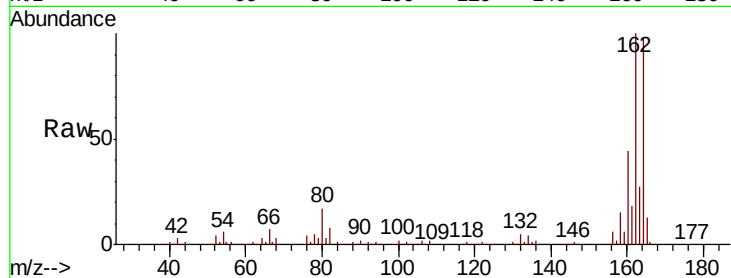
Tot Ion:164 Resp: 302825

Ion Ratio Lower Upper

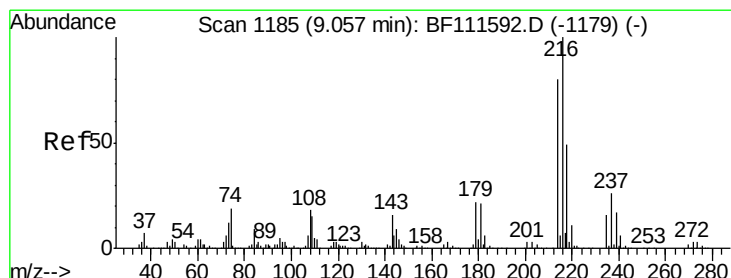
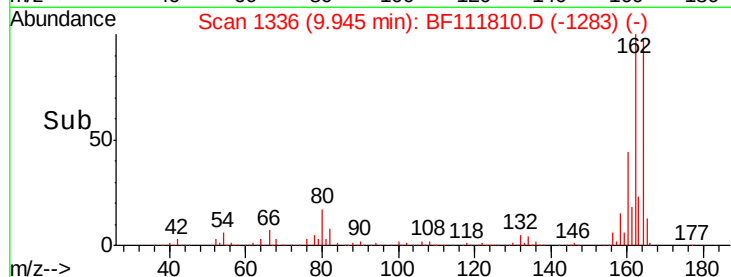
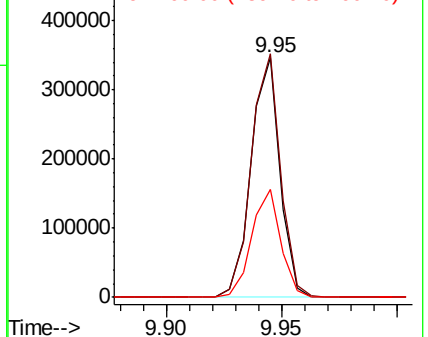
164 100

162 101.6 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: 44.412 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Tgt Ion:216 Resp: 441938

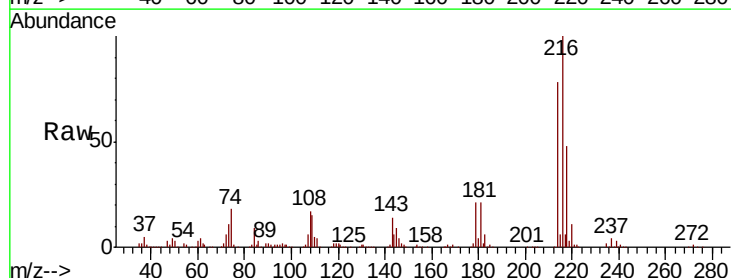
Ion Ratio Lower Upper

216 100

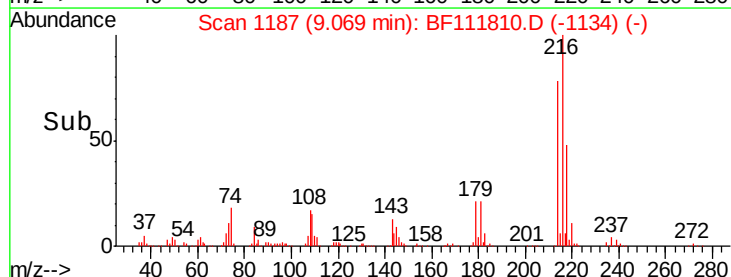
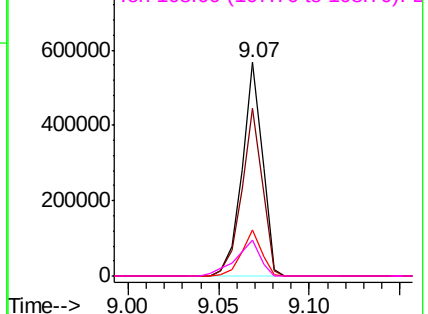
214 79.0 63.8 95.8

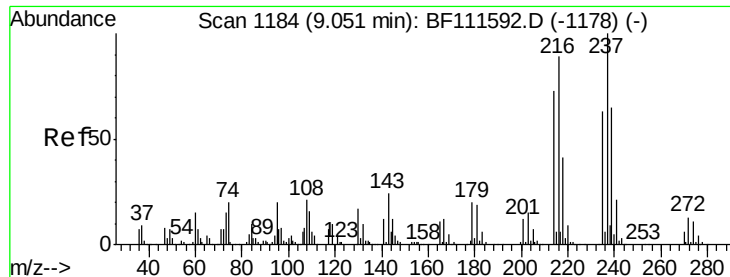
179 21.1 17.9 26.9

108 20.5 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

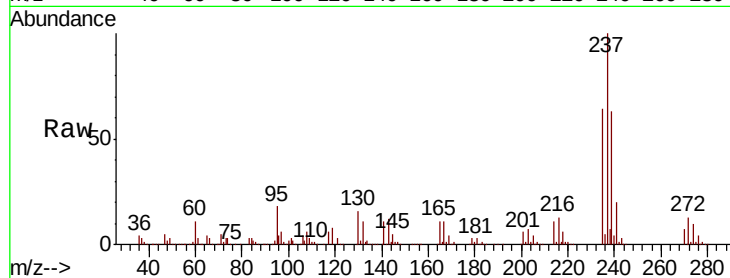




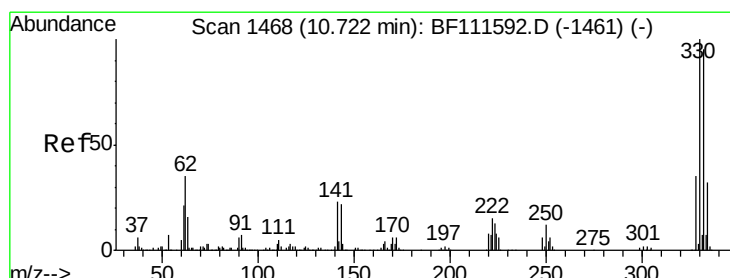
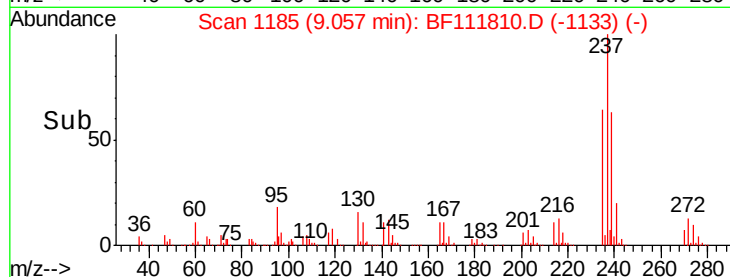
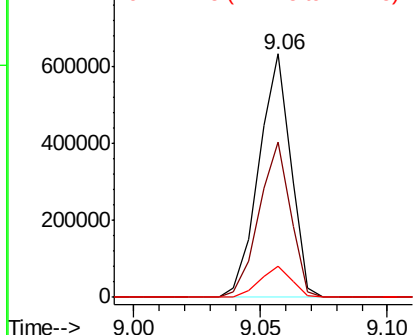
#41
Hexachlorocyclopentadiene
Concen: 115.441 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 557438
Ion Ratio Lower Upper
237 100
235 64.0 43.1 83.1
272 13.0 0.0 33.0

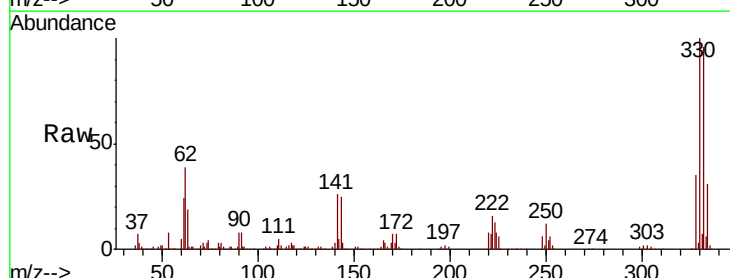


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

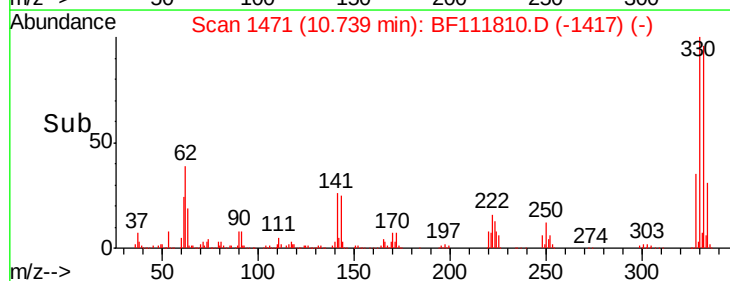
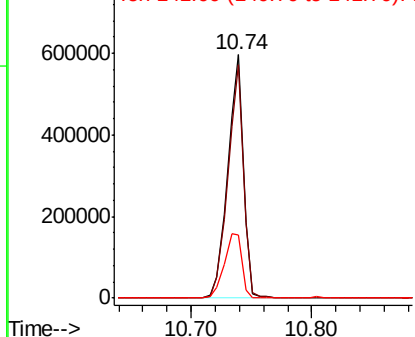


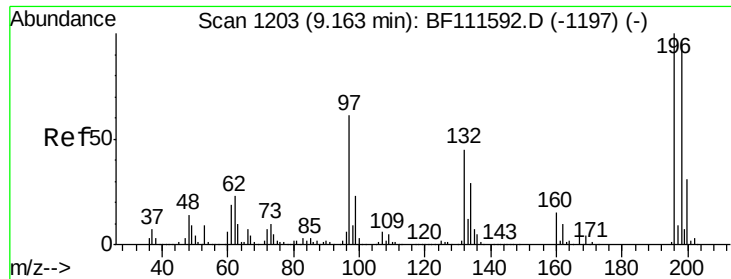
#42
2,4,6-Tribromophenol
Concen: 150.080 ng
RT: 10.74 min Scan# 1471
Delta R.T. 0.02 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion:330 Resp: 537003
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 29.7 31.0 46.6#



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

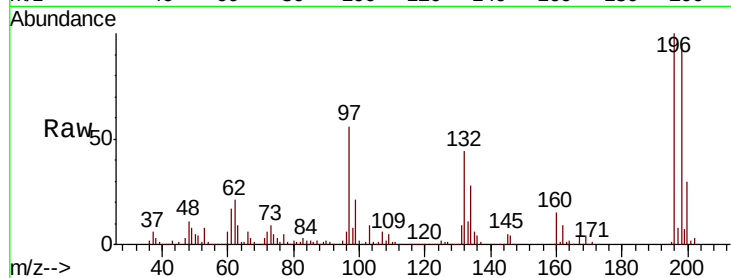




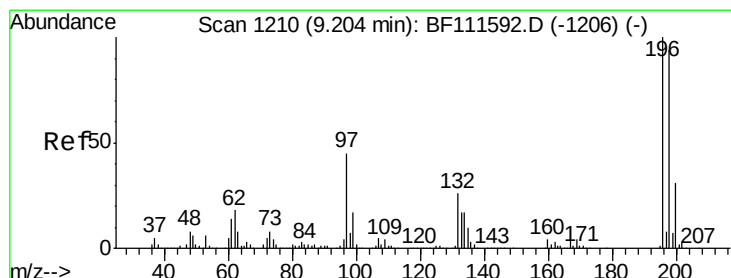
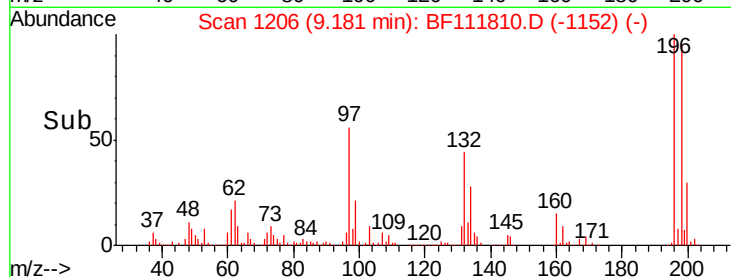
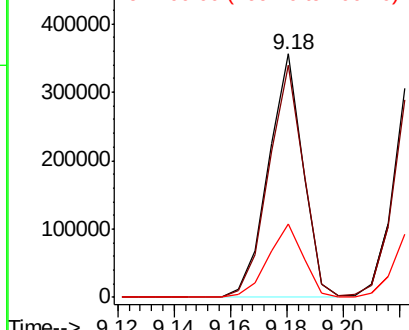
#43
 2,4,6-Trichlorophenol
 Concen: 45.430 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.02 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 301824
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.3 114.5
 200 30.3 24.9 37.3

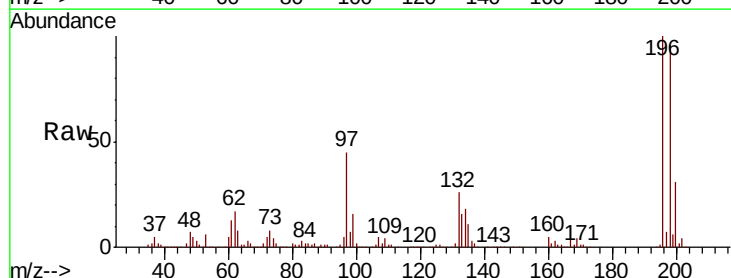


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

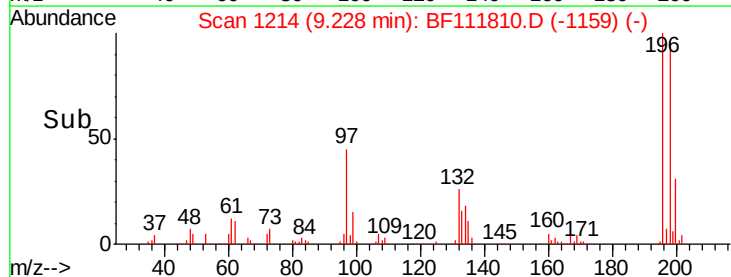
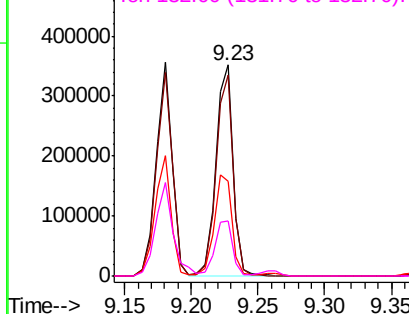


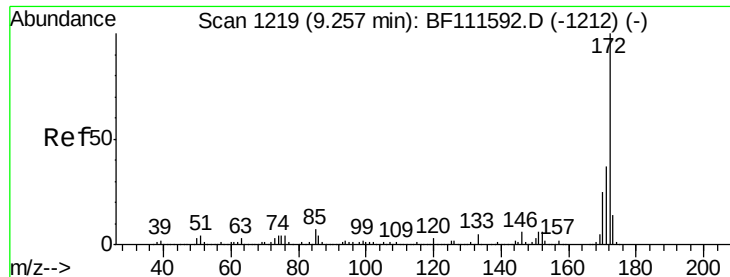
#44
 2,4,5-Trichlorophenol
 Concen: 46.962 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.02 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Tgt Ion:196 Resp: 320077
 Ion Ratio Lower Upper
 196 100
 198 95.6 72.9 109.3
 97 45.0 45.3 67.9#
 132 26.0 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

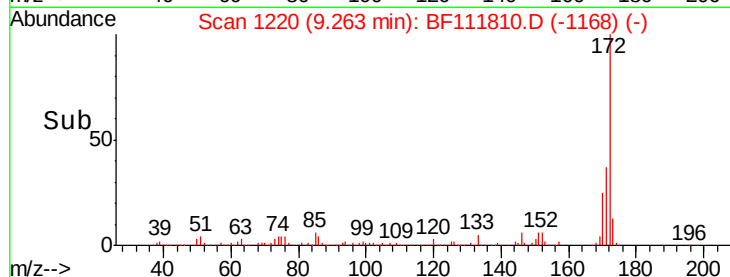
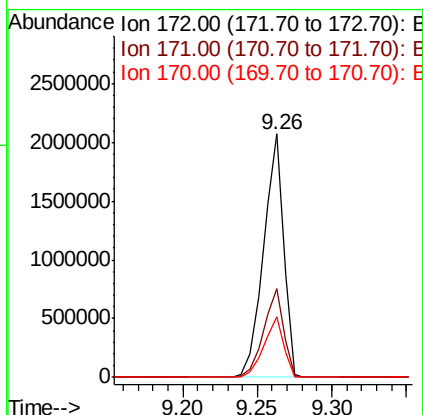
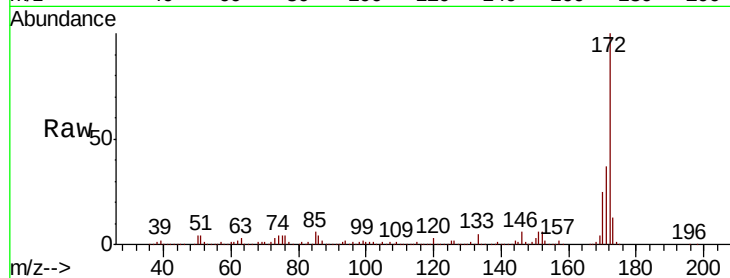




#45
2-Fluorobiphenyl
Concen: 91.386 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

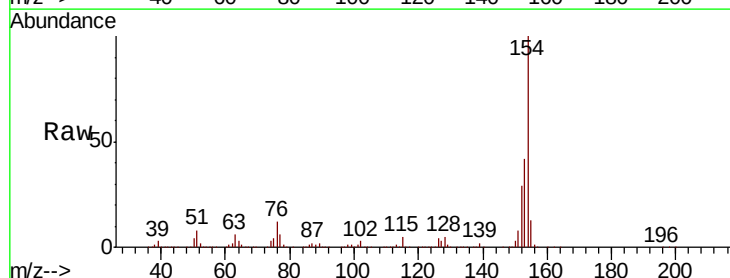
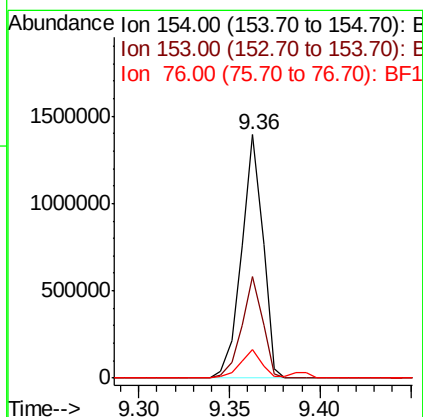
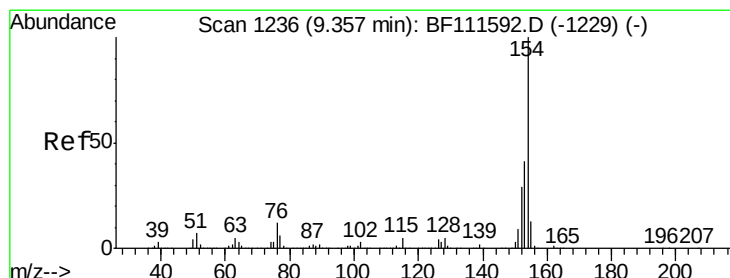
Instrument :
BNA_F
ClientSampleId :

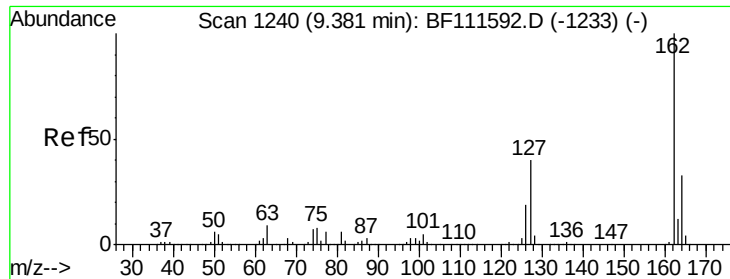
Tot Ion:172 Resp: 1898622
Ion Ratio Lower Upper
172 100
171 36.6 33.0 49.4
170 24.8 22.3 33.5



#46
1,1'-Biphenyl
Concen: 44.636 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion:154 Resp: 1141019
Ion Ratio Lower Upper
154 100
153 41.8 23.7 63.7
76 12.0 0.0 35.0

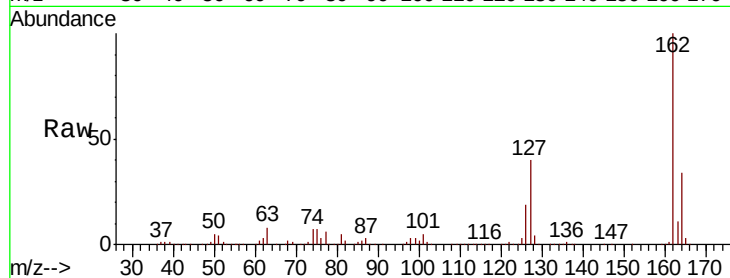




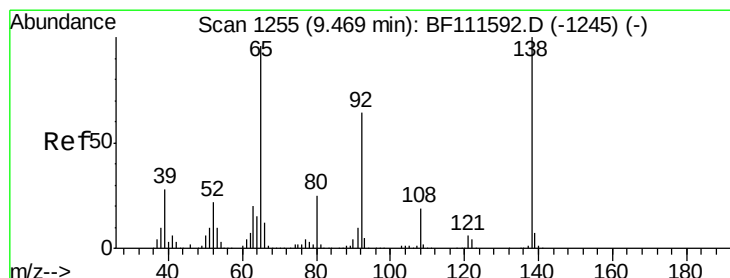
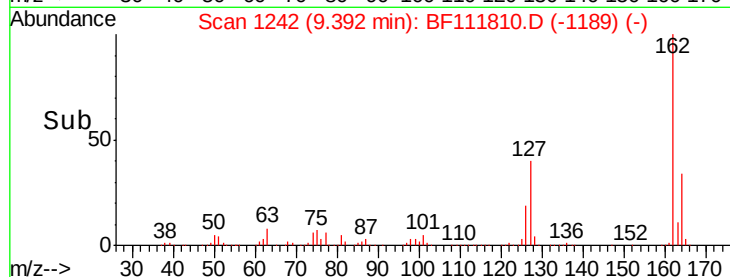
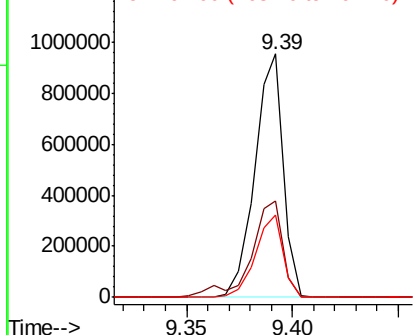
#47
 2-Chloronaphthalene
 Concen: 43.870 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 888515
 Ion Ratio Lower Upper
 162 100
 127 39.6 35.0 52.4
 164 33.7 28.4 42.6

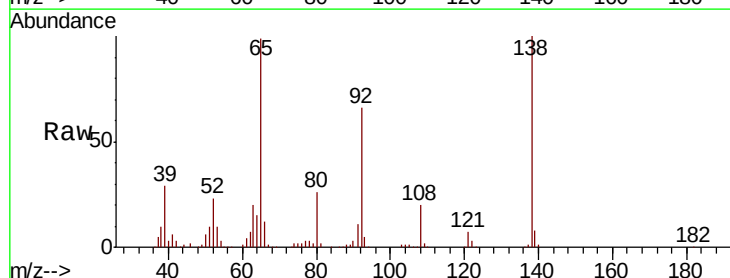


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

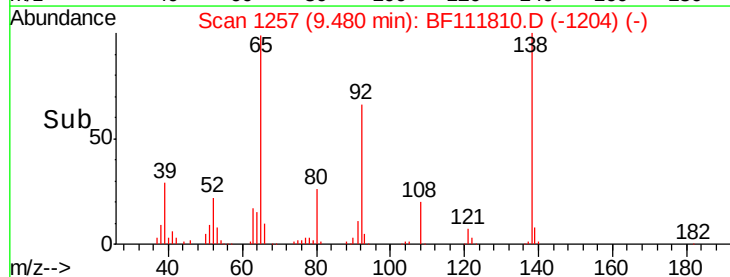
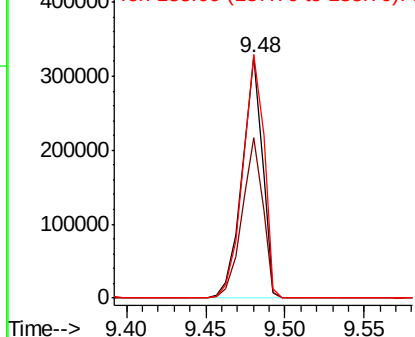


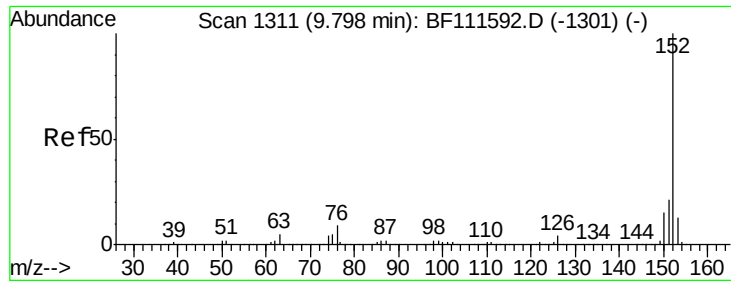
#48
 2-Nitroaniline
 Concen: 54.938 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Tgt Ion: 65 Resp: 289461
 Ion Ratio Lower Upper
 65 100
 92 66.8 53.5 80.3
 138 101.2 80.9 121.3



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





#49

Acenaphthylene

Concen: 48.788 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

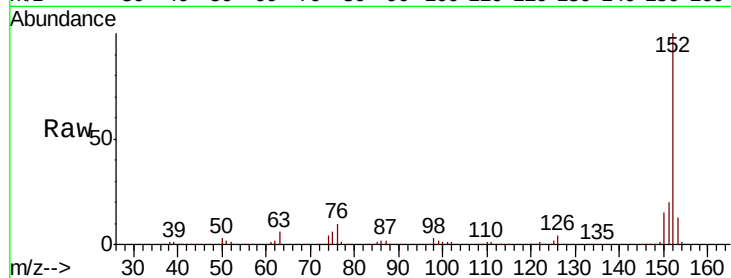
Tot Ion:152 Resp: 1442707

Ion Ratio Lower Upper

152 100

151 20.4 18.0 27.0

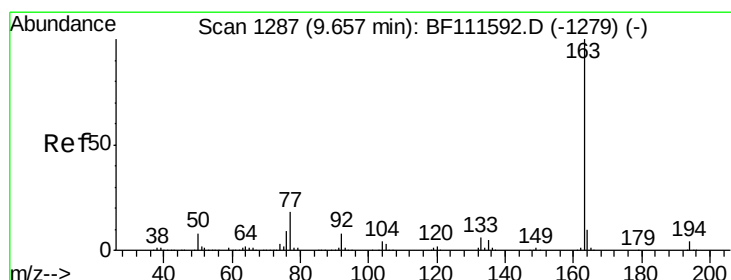
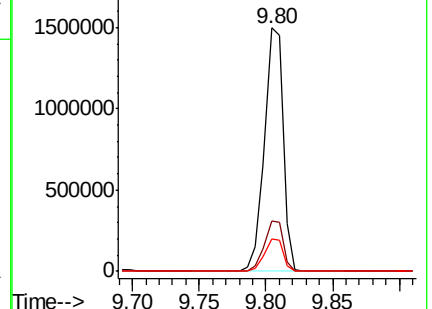
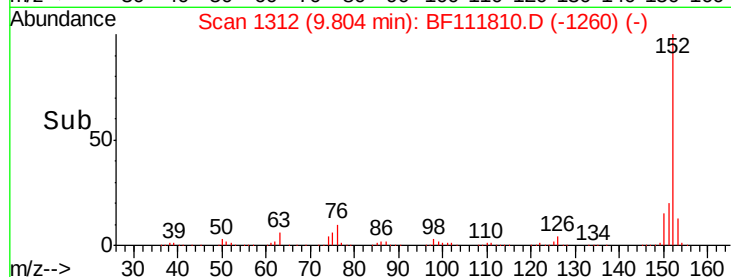
153 13.4 12.3 18.5



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: 48.626 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

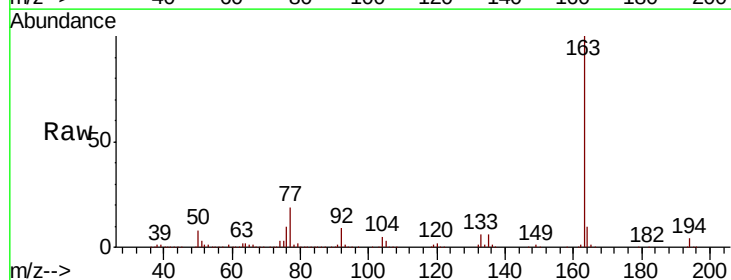
Tgt Ion:163 Resp: 1076806

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

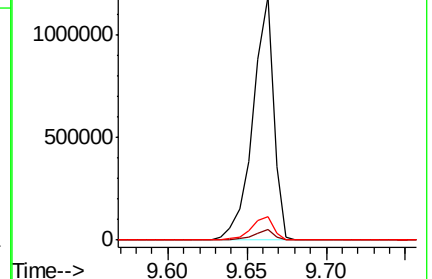
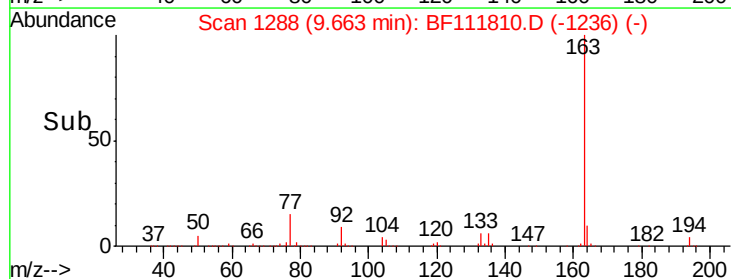
164 9.8 8.9 13.3

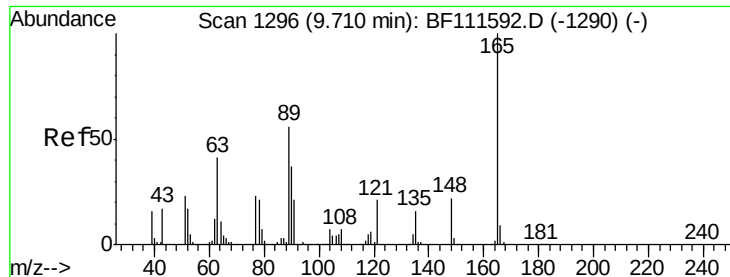


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

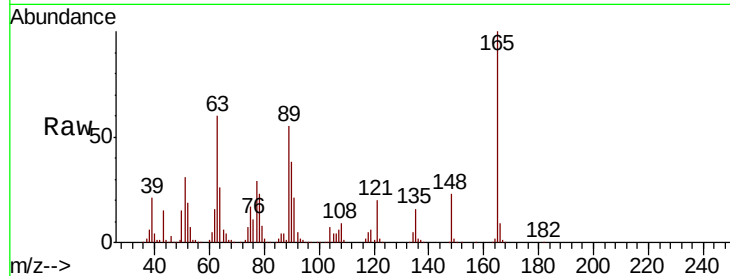




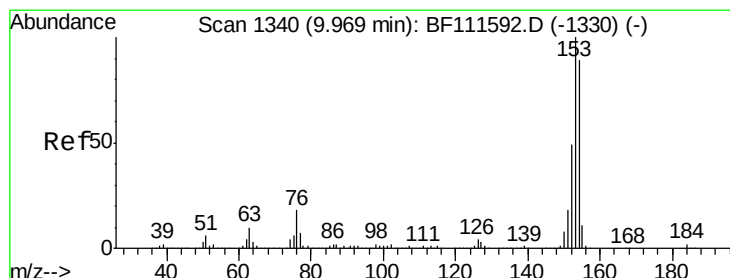
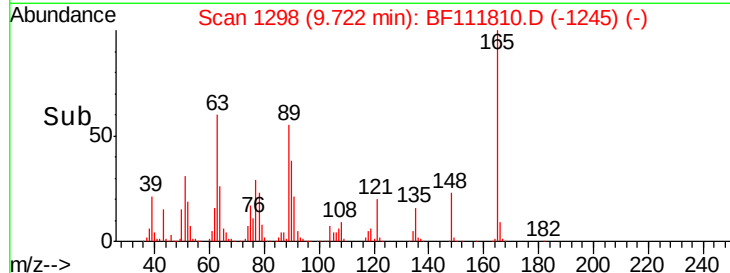
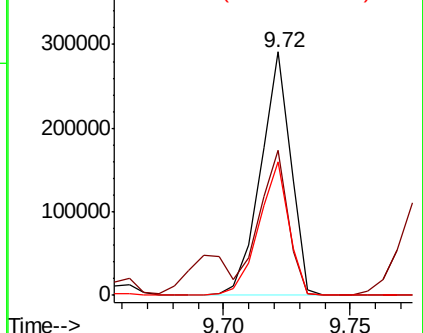
#51
 2,6-Dinitrotoluene
 Concen: 54.728 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.01 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.6	40.5	60.7
89	54.8	40.0	60.0

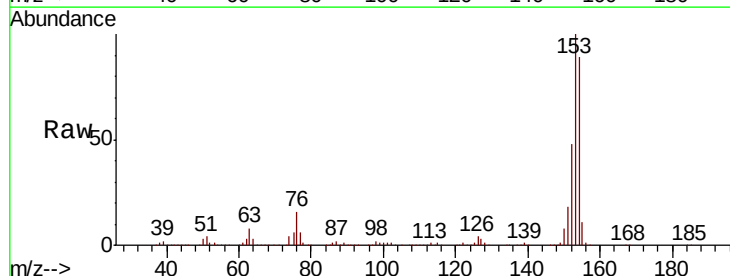


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

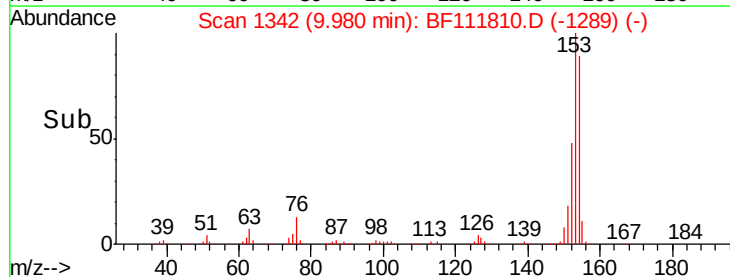
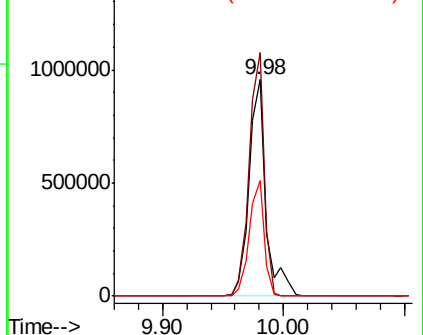


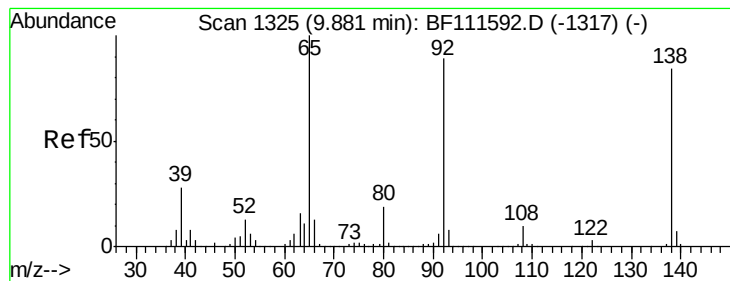
#52
 Acenaphthene
 Concen: 51.472 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	87.8	131.8
152	53.7	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: 42.365 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

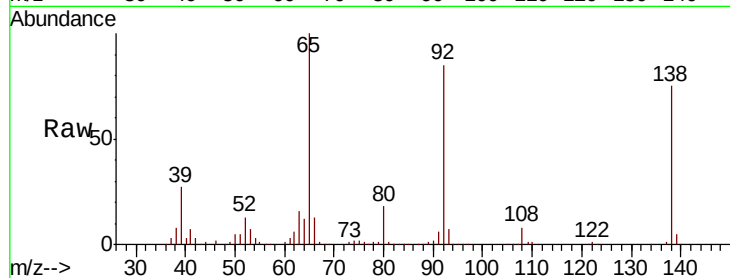
Tot Ion:138 Resp: 199507

Ion Ratio Lower Upper

138 100

108 10.6 8.2 12.4

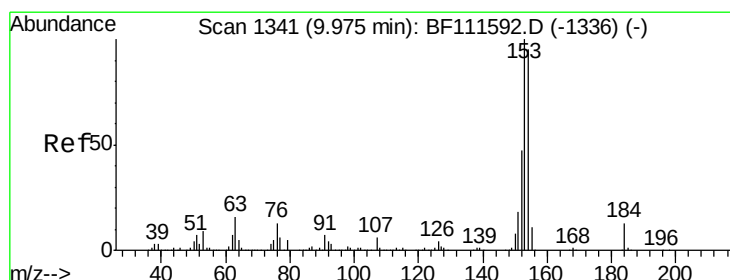
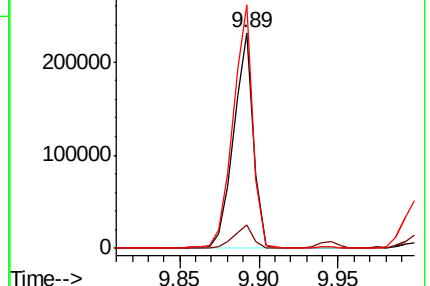
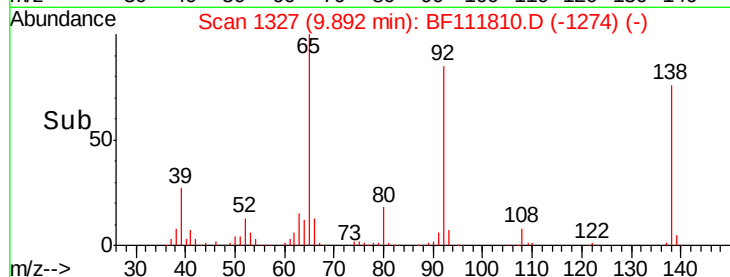
92 113.0 93.4 140.2



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: 120.105 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

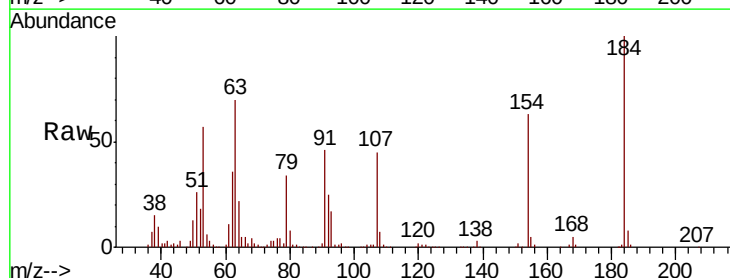
Tgt Ion:184 Resp: 175911

Ion Ratio Lower Upper

184 100

63 69.9 62.3 93.5

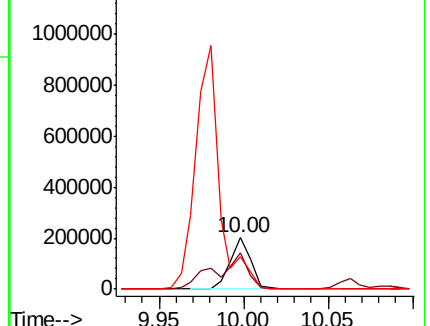
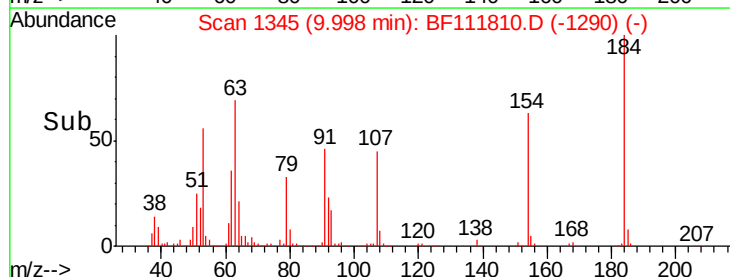
154 63.4 56.2 84.2

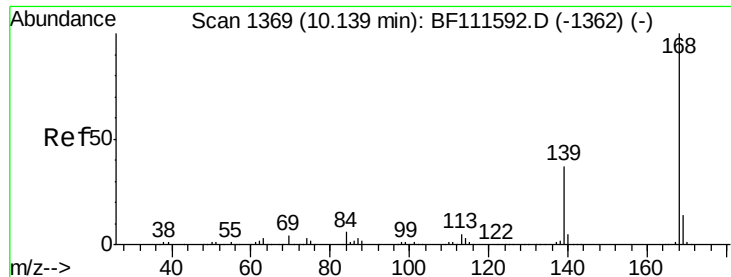


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

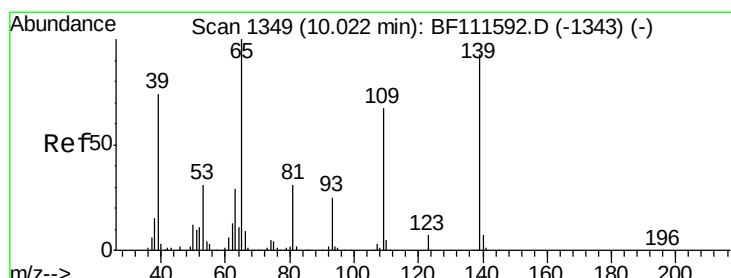
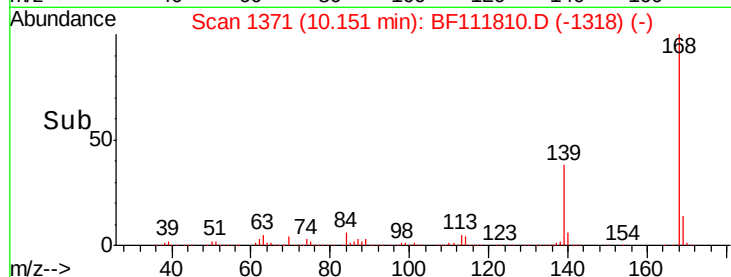
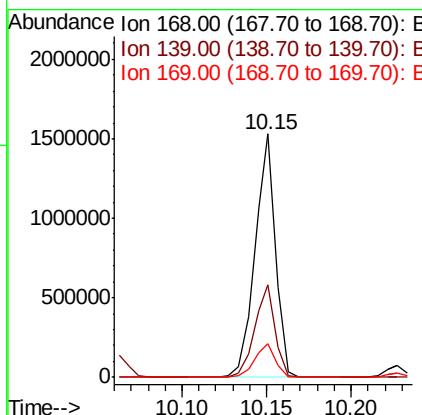
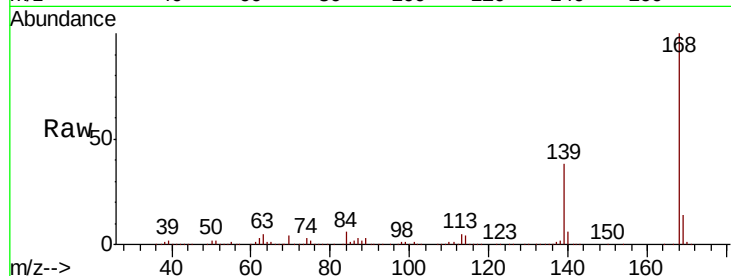




#55
Dibenzofuran
Concen: 46.808 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

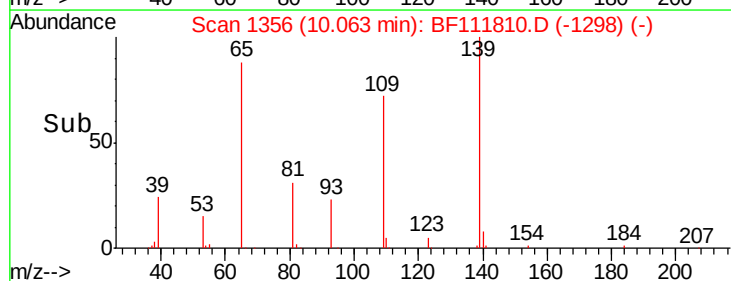
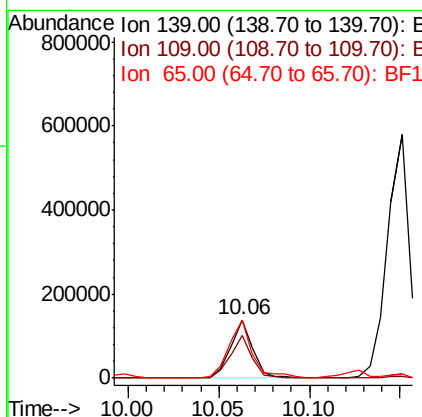
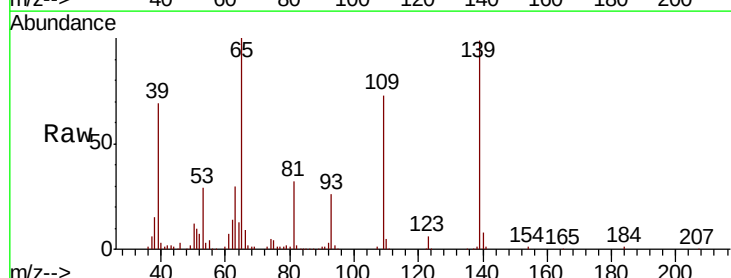
Instrument :
BNA_F
ClientSampleId :

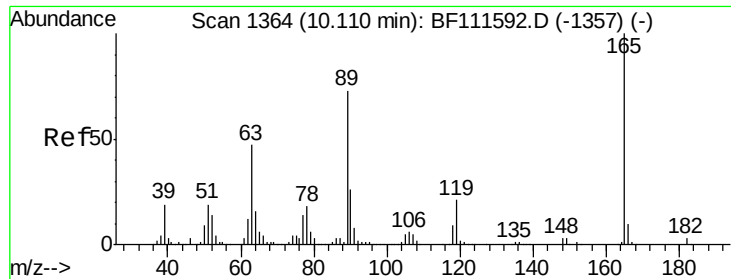
Tot Ion:168 Resp: 1289751
Ion Ratio Lower Upper
168 100
139 37.8 32.6 49.0
169 13.6 11.8 17.6



#56
4-Nitrophenol
Concen: 33.116 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.04 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion:139 Resp: 119014
Ion Ratio Lower Upper
139 100
109 73.4 41.8 81.8
65 100.9 79.6 119.6

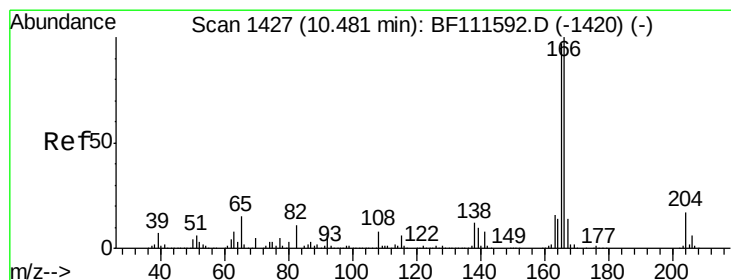
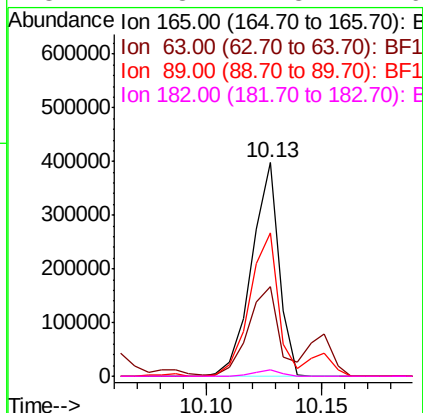
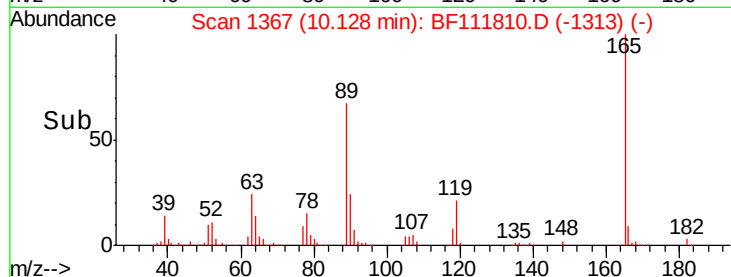
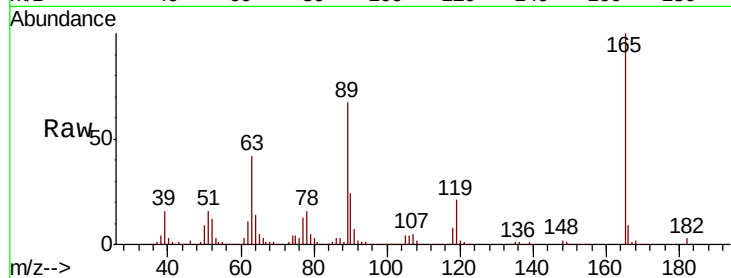




#57
2,4-Dinitrotoluene
Concen: 62.234 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

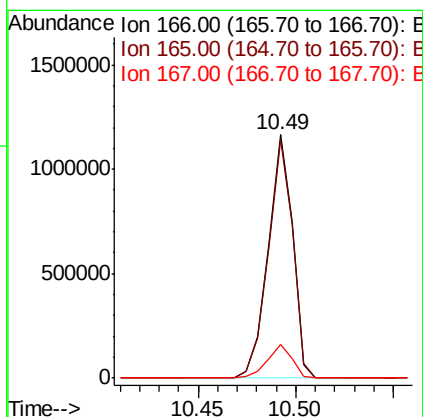
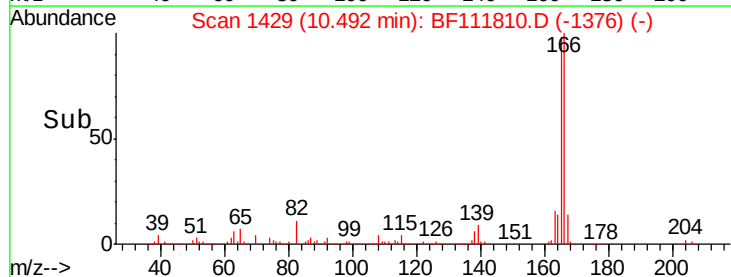
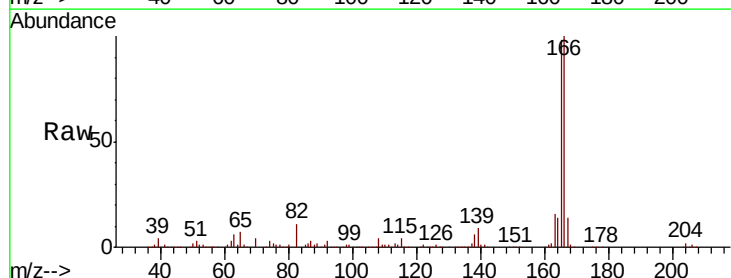
Instrument :
BNA_F
ClientSampleId :

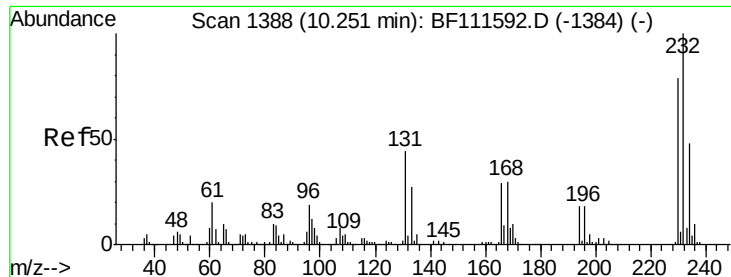
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.1	34.6	52.0
89	67.1	56.2	84.4
182	2.8	1.8	2.6



#58
Fluorene
Concen: 51.025 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.4	117.6
167	13.8	11.2	16.8

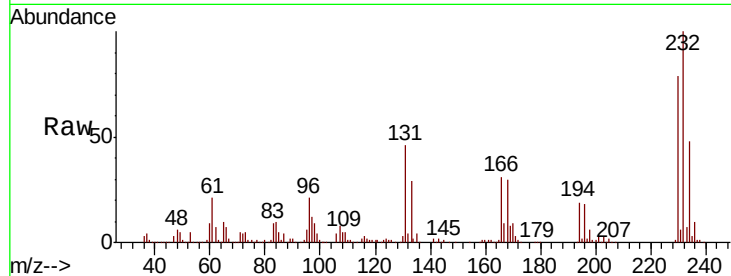




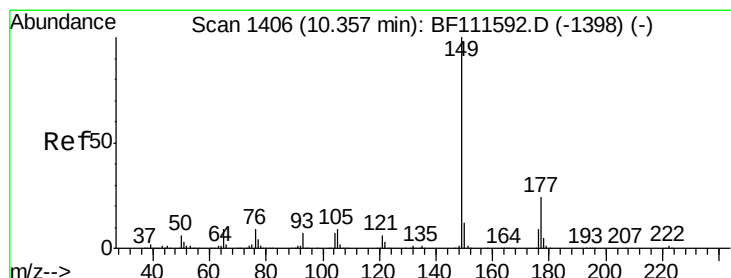
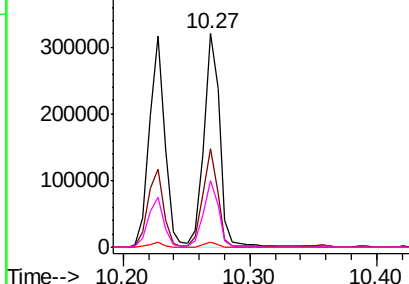
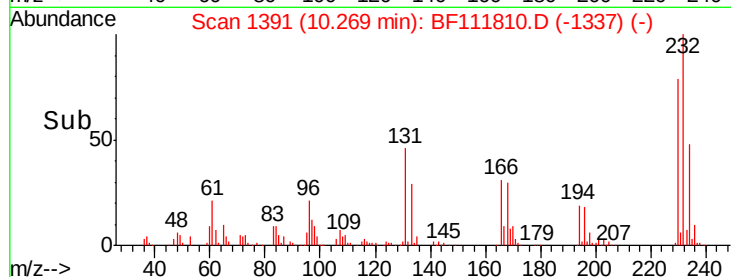
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.516 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.02 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.2	40.9	61.3
130	2.3	2.0	3.0
166	29.8	26.8	40.2

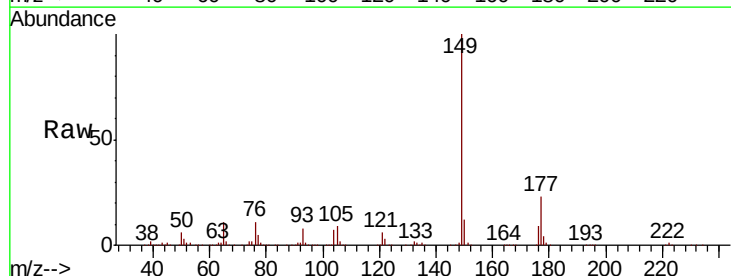


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

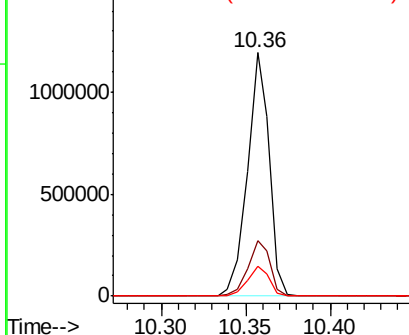
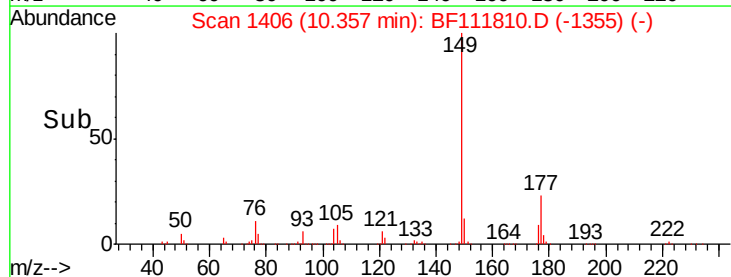


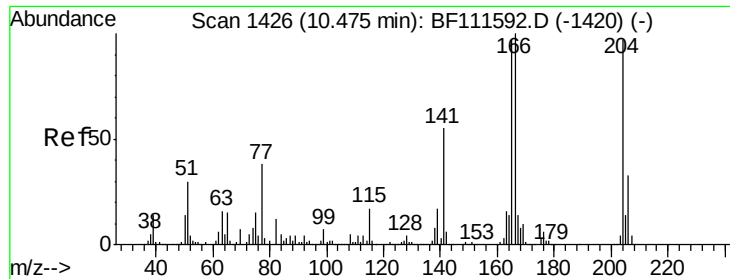
#60
 Diethylphthalate
 Concen: 49.463 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.3	27.5
150	12.5	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

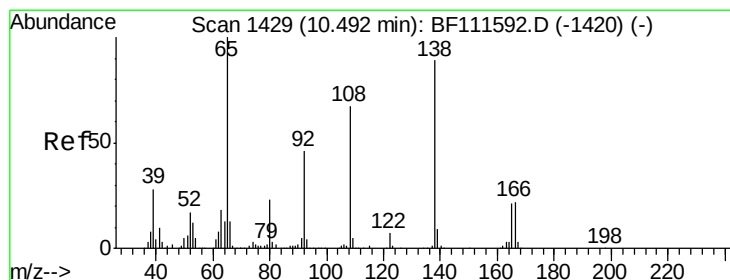
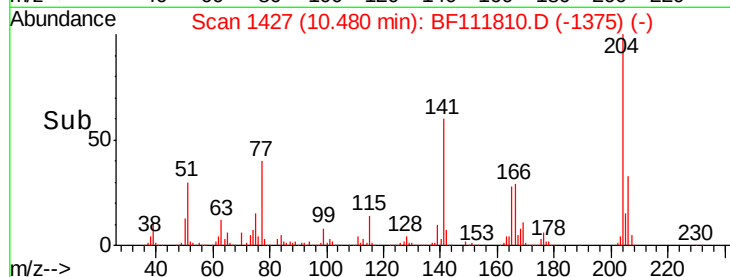
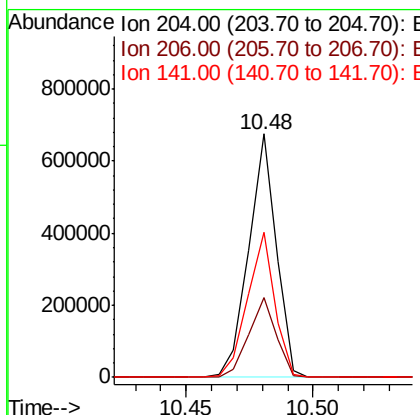
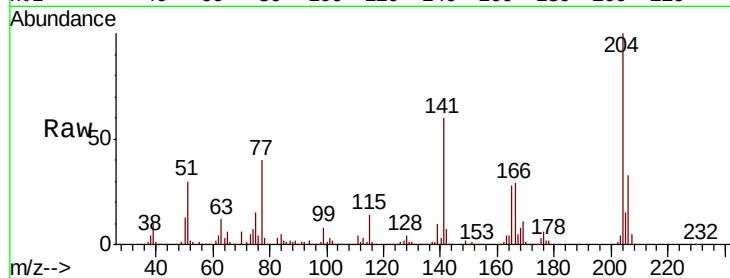




#61
4-Chlorophenyl-phenylether
Concen: 46.640 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

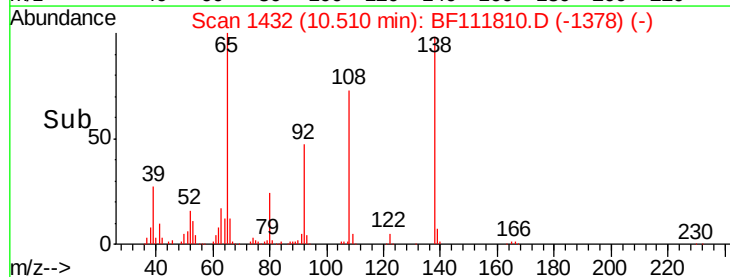
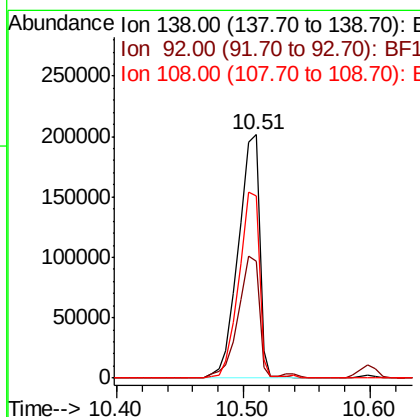
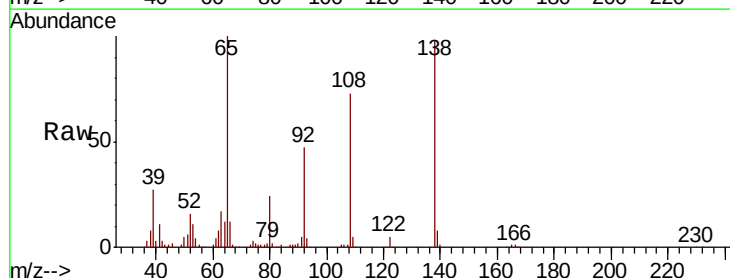
Instrument :
BNA_F
ClientSampled :

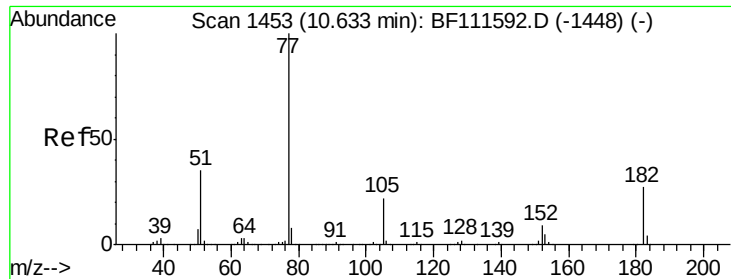
Tot Ion:204 Resp: 511633
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 59.7 52.6 78.8



#62
4-Nitroaniline
Concen: 50.839 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.02 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion:138 Resp: 232694
Ion Ratio Lower Upper
138 100
92 48.0 29.9 69.9
108 74.6 43.2 83.2

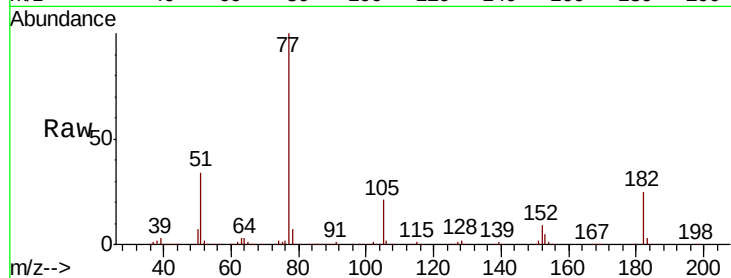




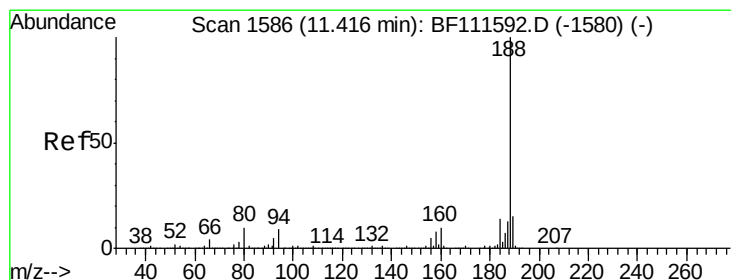
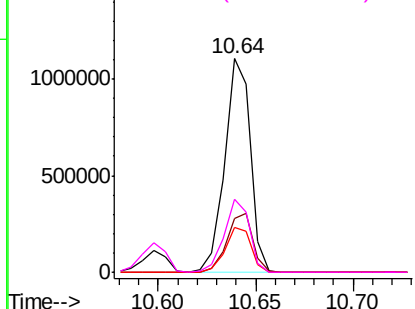
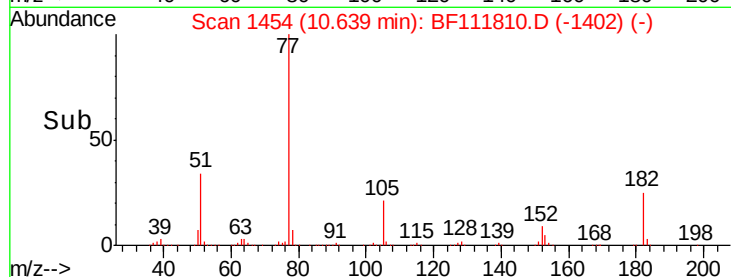
#63
Azobenzene
Concen: 45.922 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1001468
Ion Ratio Lower Upper
77 100
182 24.9 4.9 44.9
105 20.9 6.0 46.0
51 34.4 14.7 54.7

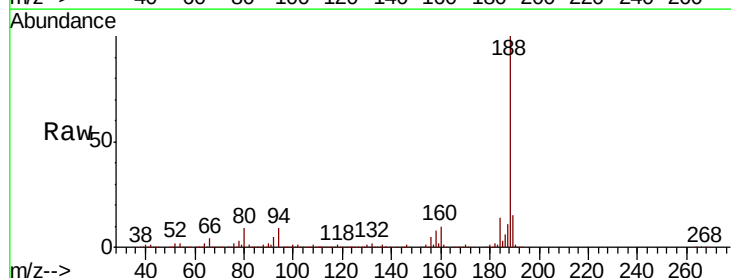


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

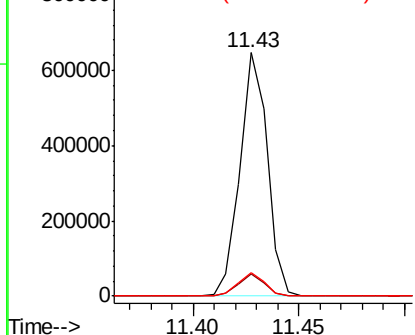
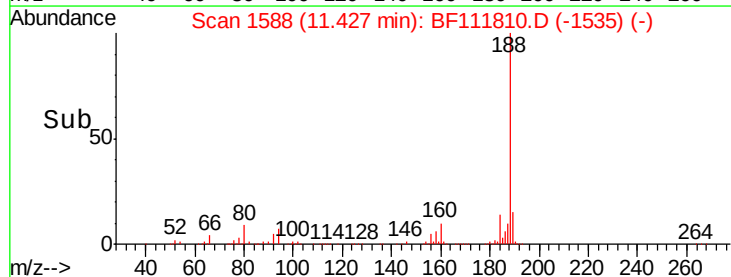


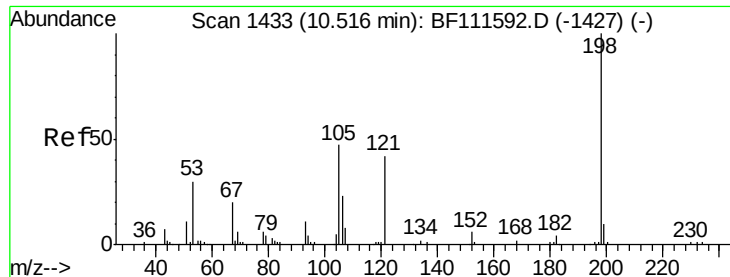
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion: 188 Resp: 580267
Ion Ratio Lower Upper
188 100
94 9.0 9.6 14.4#
80 9.4 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

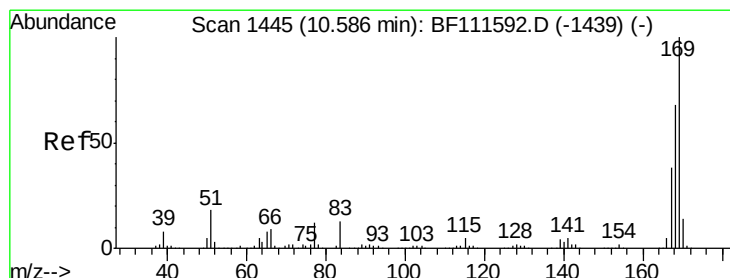
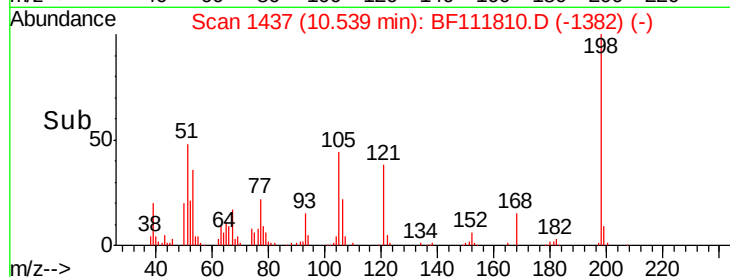
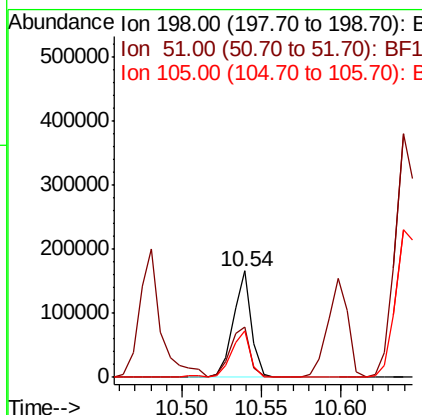
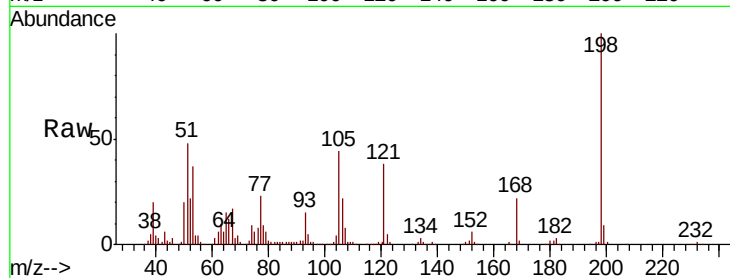




#65
4,6-Dinitro-2-methylphenol
Concen: 53.848 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.02 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

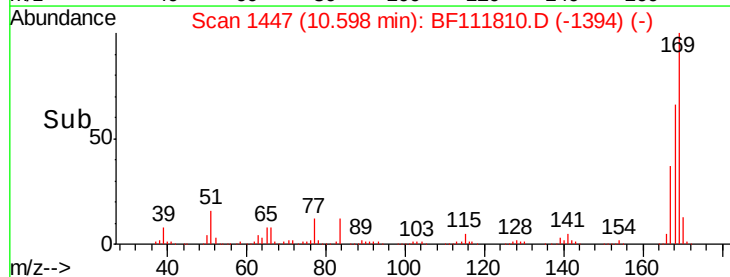
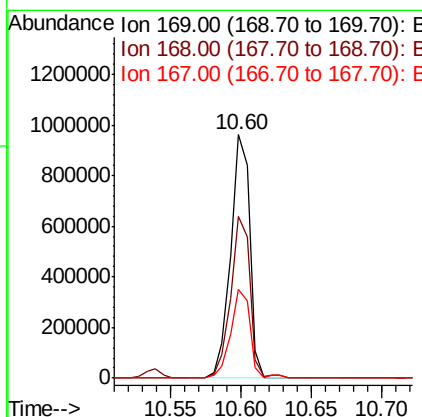
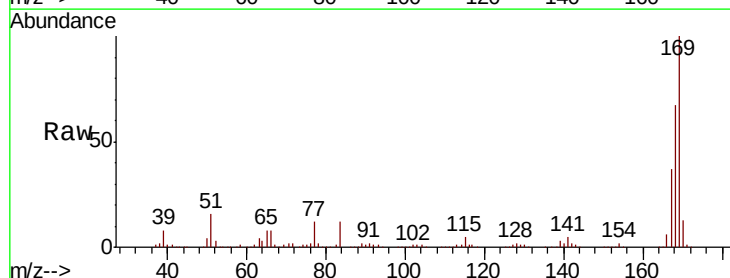
Instrument :
BNA_F
ClientSampled :

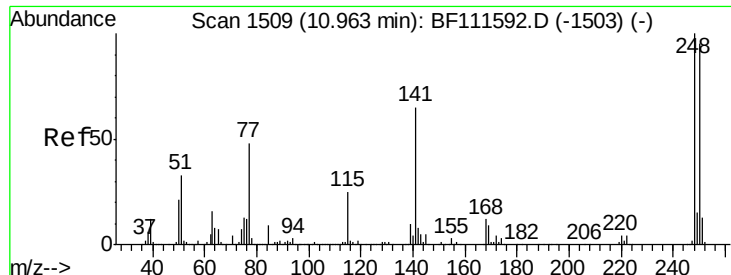
Tot Ion:198 Resp: 131410
Ion Ratio Lower Upper
198 100
51 47.8 48.0 88.0#
105 43.9 34.0 74.0



#66
n-Nitrosodiphenylamine
Concen: 46.437 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion:169 Resp: 904525
Ion Ratio Lower Upper
169 100
168 66.5 54.4 81.6
167 36.6 30.5 45.7

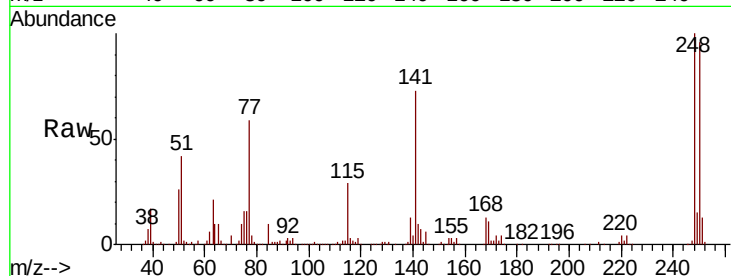




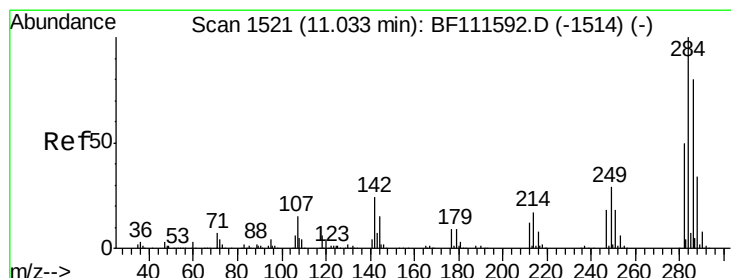
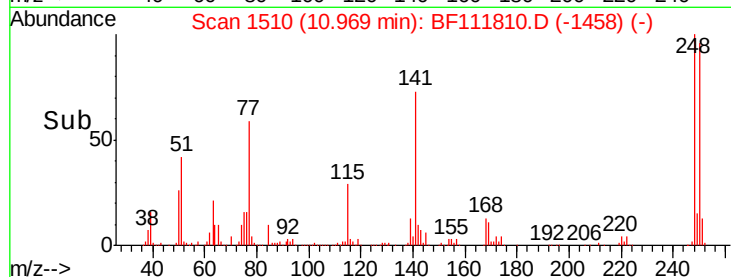
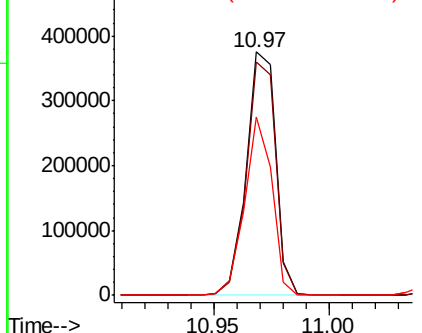
#67
4-Bromophenyl-phenylether
Concen: 46.821 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 336977
Ion Ratio Lower Upper
248 100
250 95.7 77.0 115.4
141 73.3 63.0 94.6

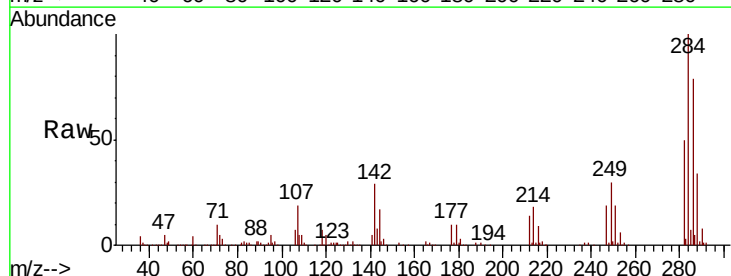


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

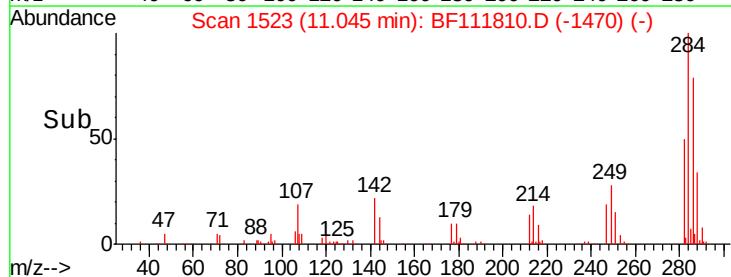
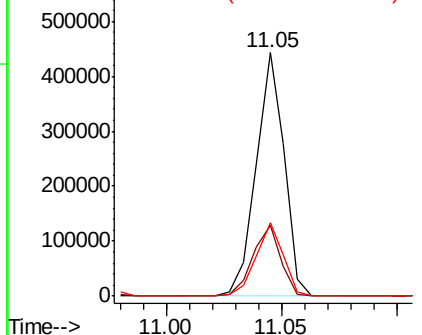


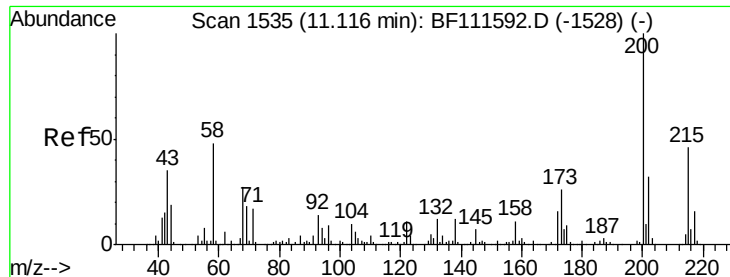
#68
Hexachlorobenzene
Concen: 46.722 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion:284 Resp: 374932
Ion Ratio Lower Upper
284 100
142 28.9 27.4 41.2
249 30.1 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: 45.965 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampled :

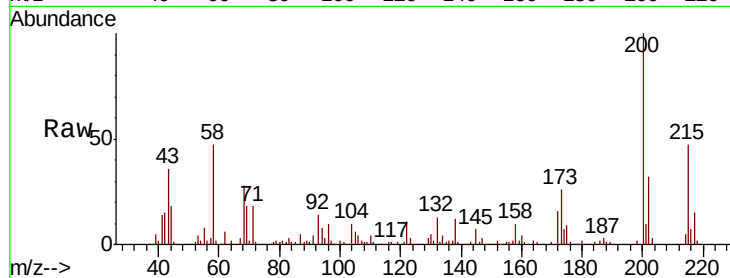
Tot Ion:200 Resp: 311043

Ion Ratio Lower Upper

200 100

173 26.0 10.1 50.1

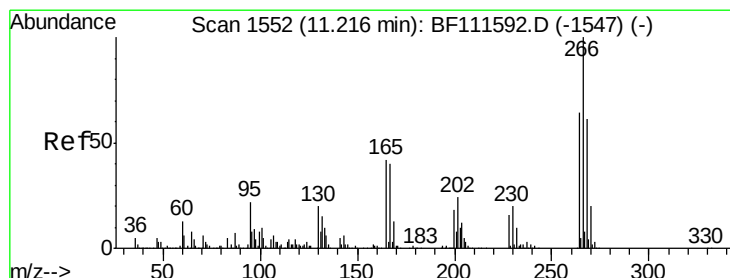
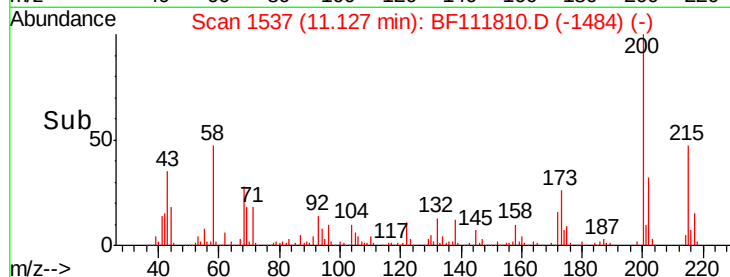
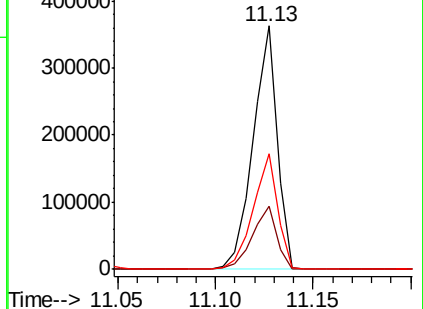
215 47.3 26.9 66.9



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: 65.545 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

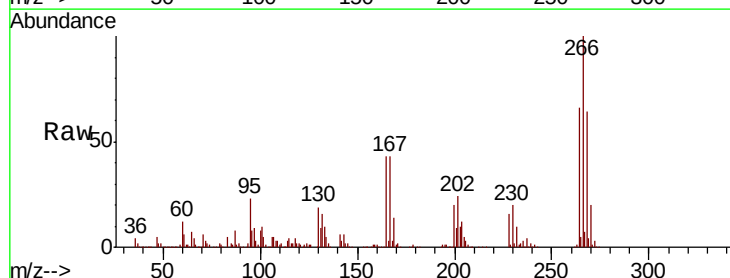
Tgt Ion:266 Resp: 325169

Ion Ratio Lower Upper

266 100

268 64.0 47.9 71.9

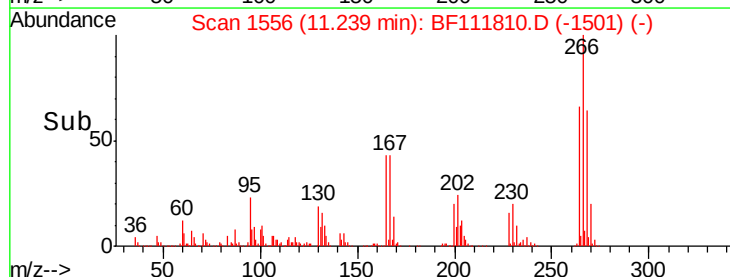
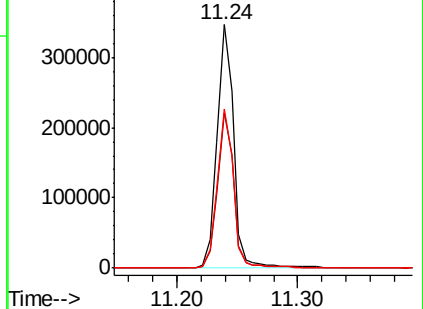
264 65.6 49.1 73.7

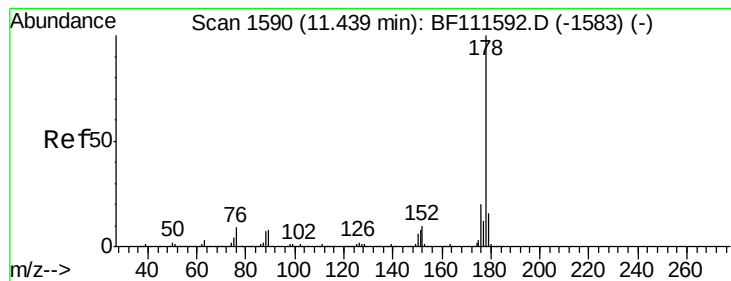


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.884 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

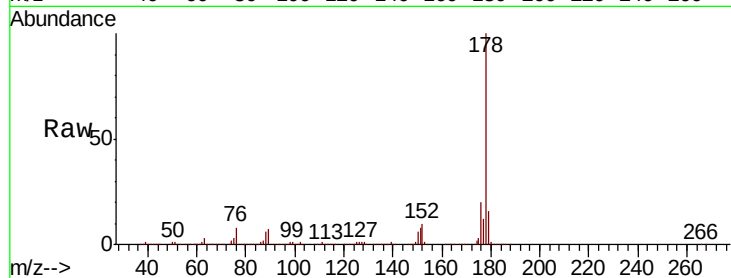
Tot Ion:178 Resp: 1504337

Ion Ratio Lower Upper

178 100

176 20.1 18.1 27.1

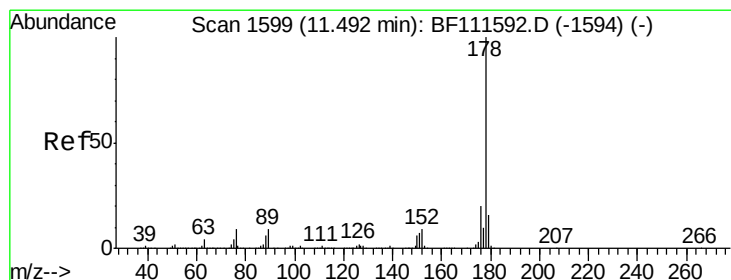
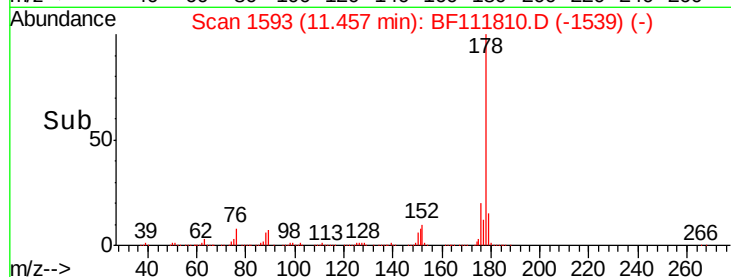
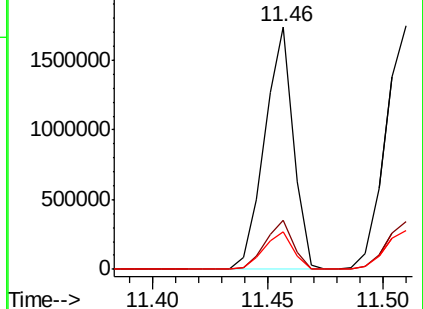
179 15.6 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.870 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

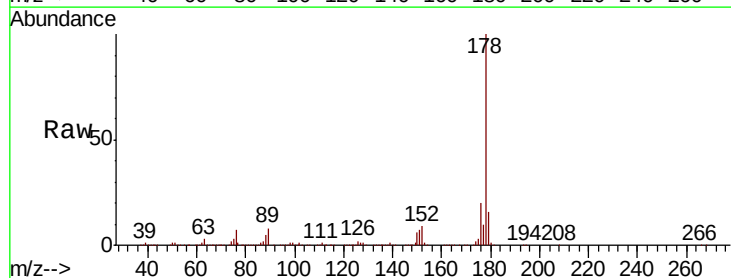
Tgt Ion:178 Resp: 1540416

Ion Ratio Lower Upper

178 100

176 19.6 17.2 25.8

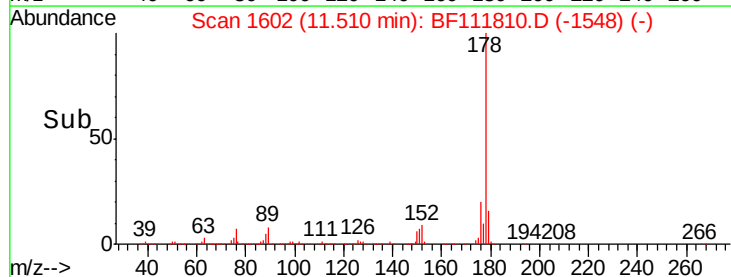
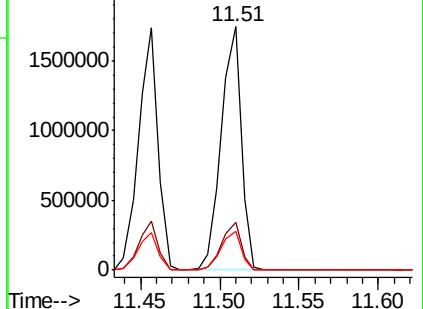
179 16.0 13.8 20.8

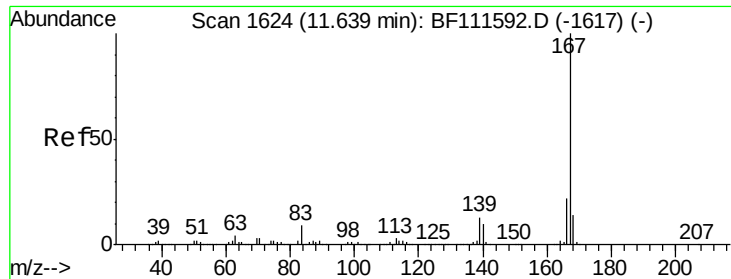


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

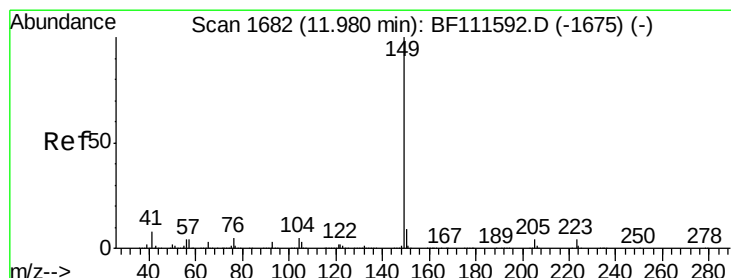
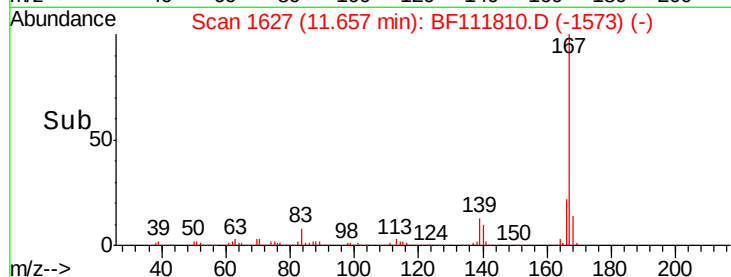
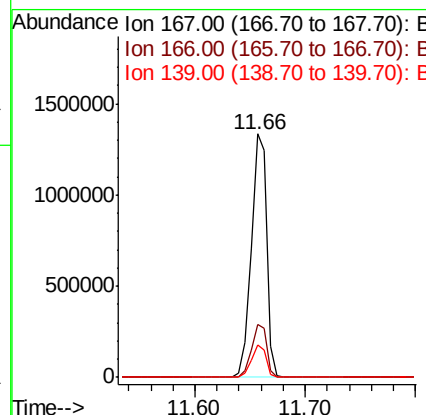
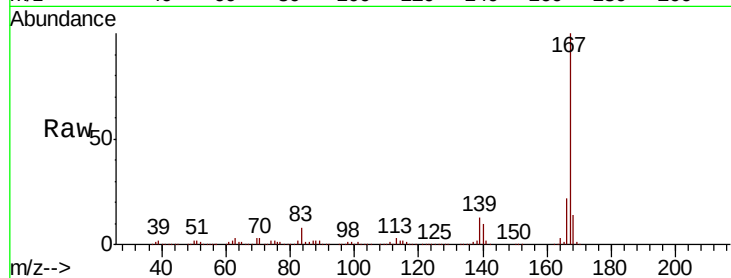




#73
 Carbazole
 Concen: 43.498 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.02 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

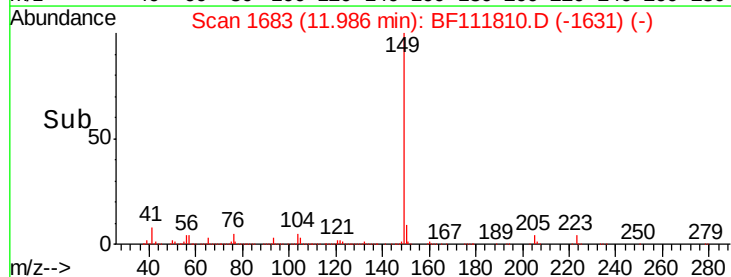
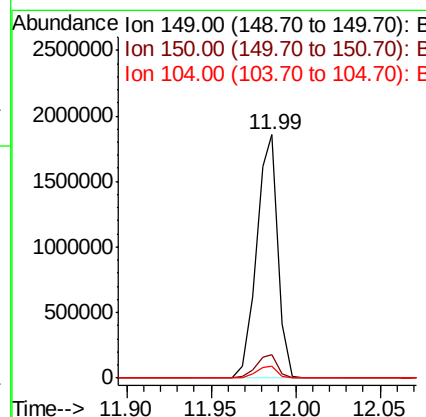
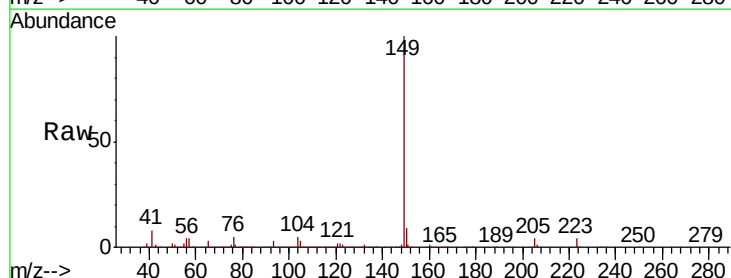
Instrument :
 BNA_F
 ClientSampleId :

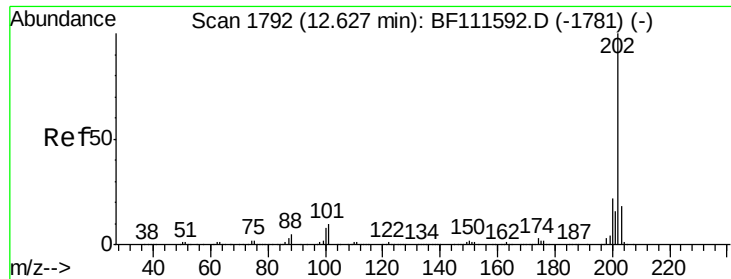
Tot Ion:167 Resp: 1304468
 Ion Ratio Lower Upper
 167 100
 166 22.0 19.3 28.9
 139 13.2 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 48.530 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Tgt Ion:149 Resp: 1631772
 Ion Ratio Lower Upper
 149 100
 150 9.4 8.8 13.2
 104 4.7 4.5 6.7





#75

Fluoranthene

Concen: 46.200 ng

RT: 12.64 min Scan# 1795

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

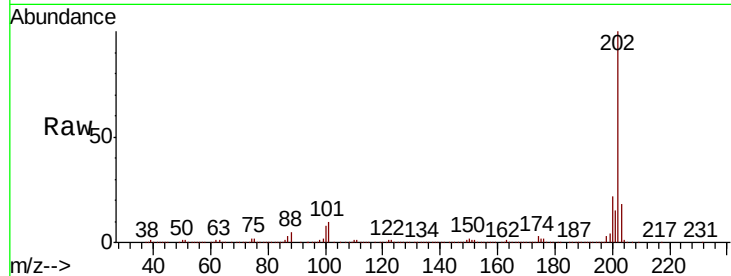
Tot Ion:202 Resp: 1439713

Ion Ratio Lower Upper

202 100

101 10.3 0.0 33.8

203 17.9 0.0 38.6

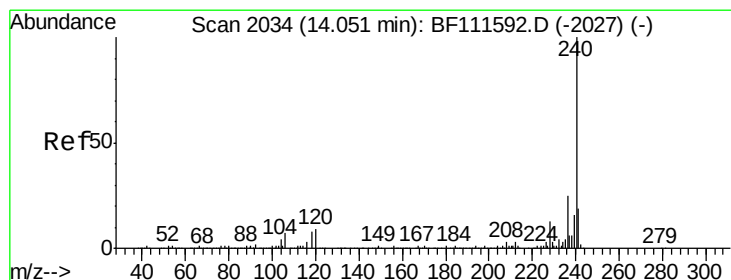
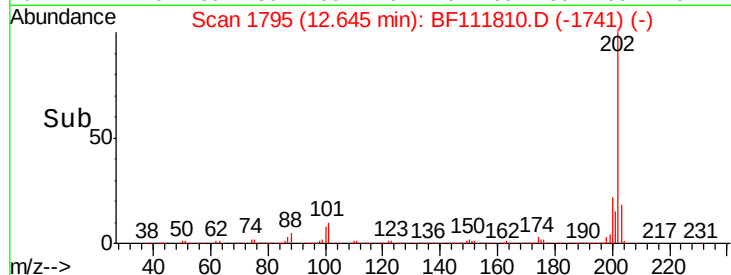
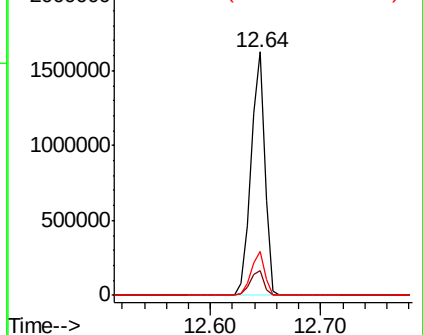


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

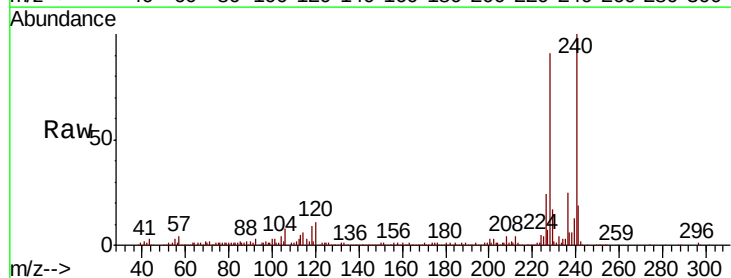
Tgt Ion:240 Resp: 383315

Ion Ratio Lower Upper

240 100

120 10.9 12.2 18.2#

236 25.4 20.2 30.2

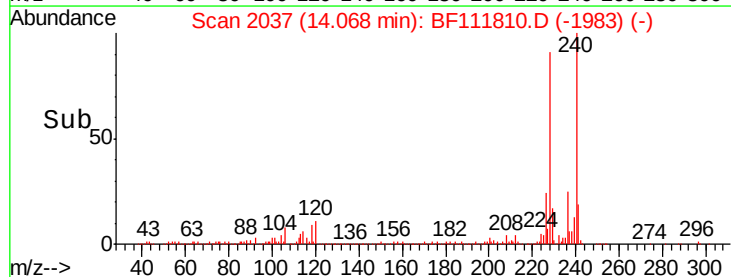
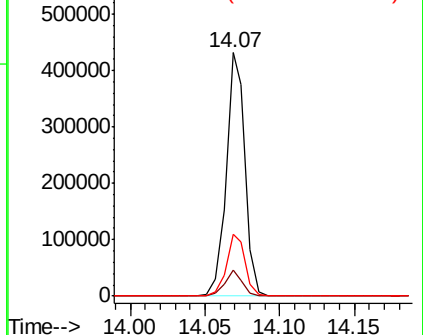


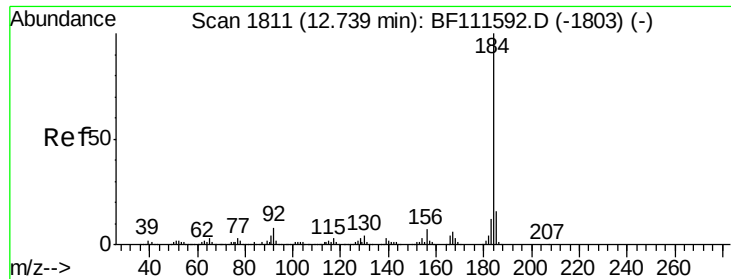
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.769 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

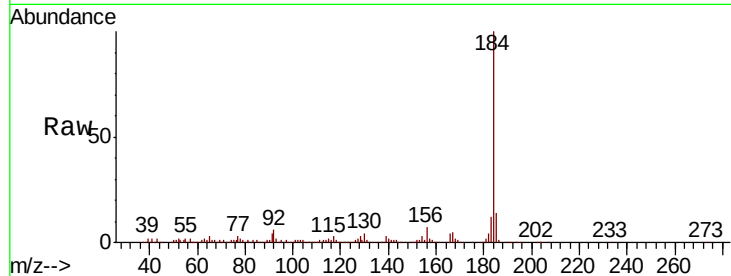
Tot Ion:184 Resp: 501501

Ion Ratio Lower Upper

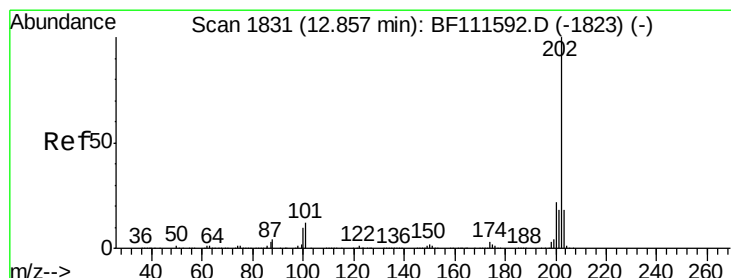
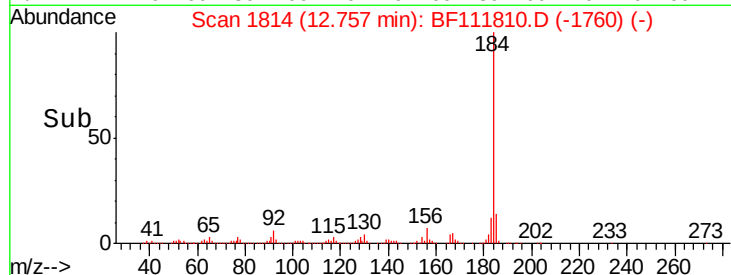
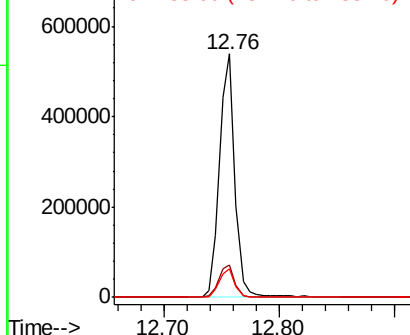
184 100

185 13.5 13.0 19.6

183 11.8 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.750 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

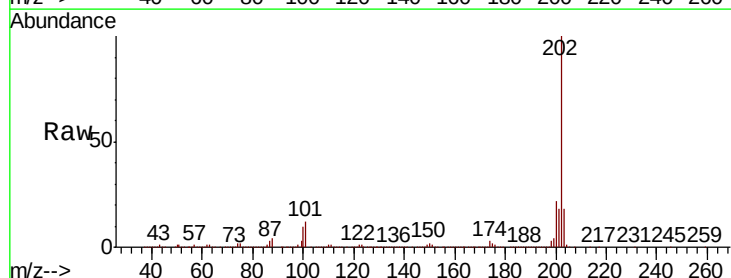
Tgt Ion:202 Resp: 1427866

Ion Ratio Lower Upper

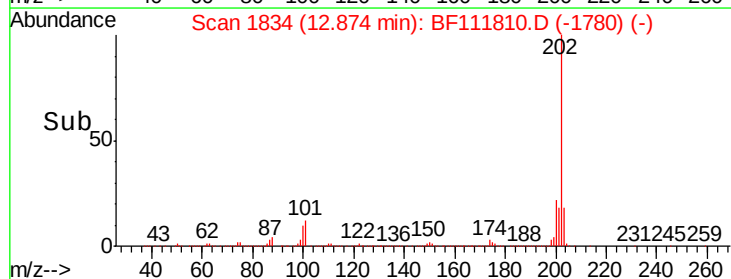
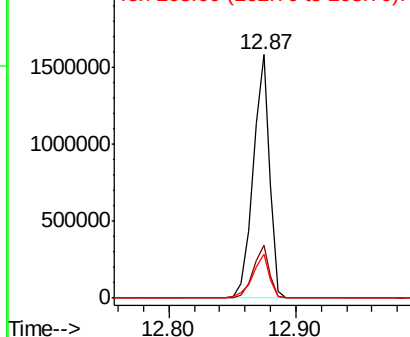
202 100

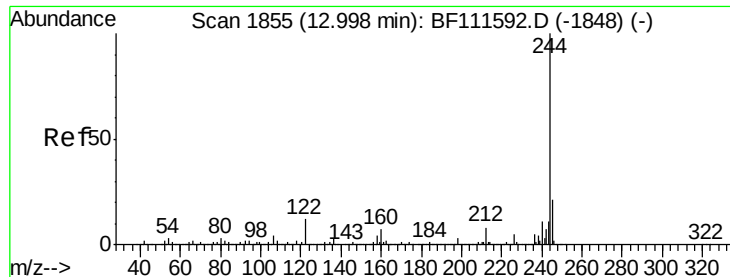
200 21.9 19.0 28.4

203 18.1 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: 101.512 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampled :

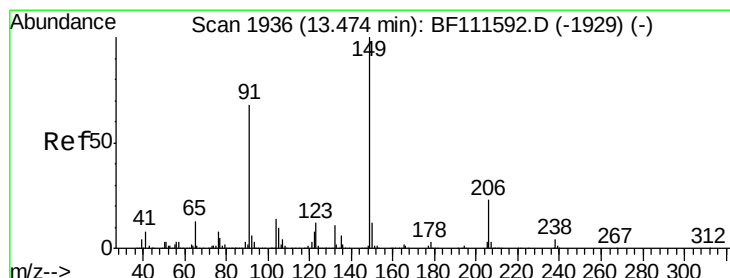
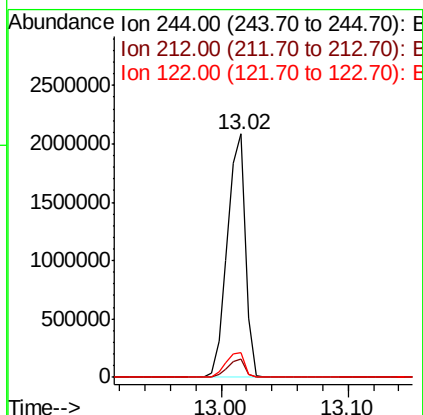
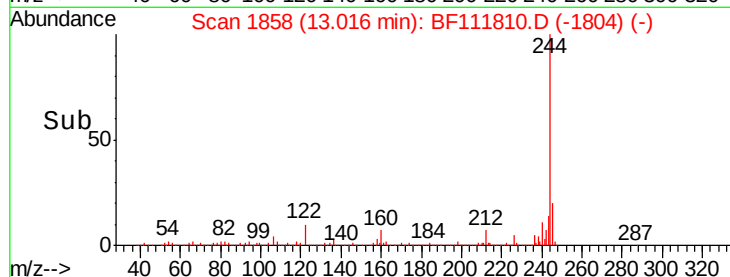
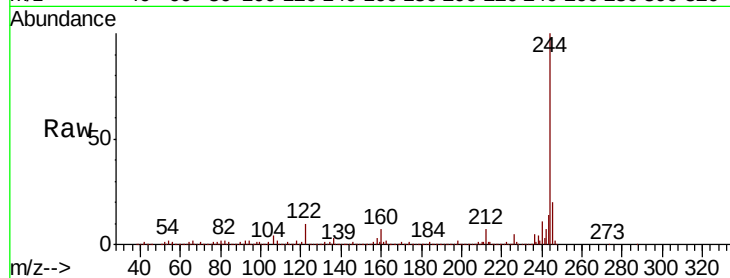
Tot Ion:244 Resp: 2051818

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

122 10.2 13.1 19.7#



#80

Butylbenzylphthalate

Concen: 53.871 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

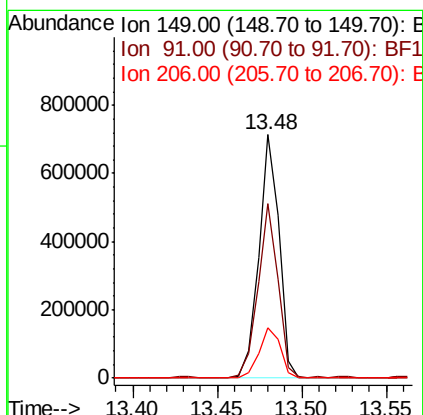
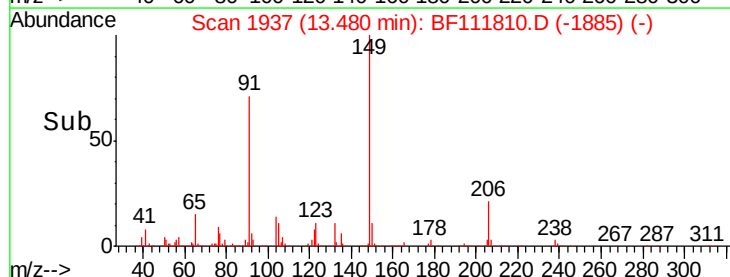
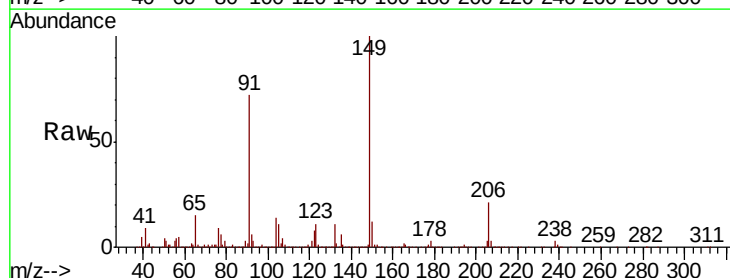
Tgt Ion:149 Resp: 594404

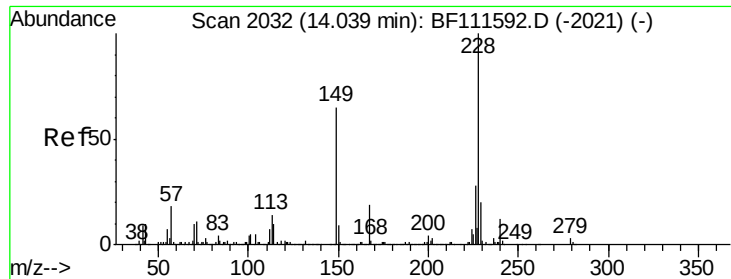
Ion Ratio Lower Upper

149 100

91 71.5 63.8 95.6

206 20.6 15.1 22.7





#81

Benzo(a)anthracene

Concen: 51.596 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

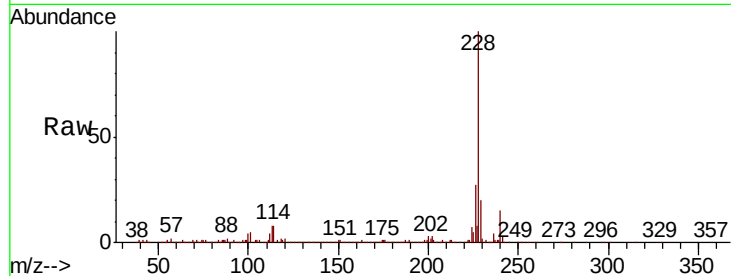
Tot Ion:228 Resp: 1128705

Ion Ratio Lower Upper

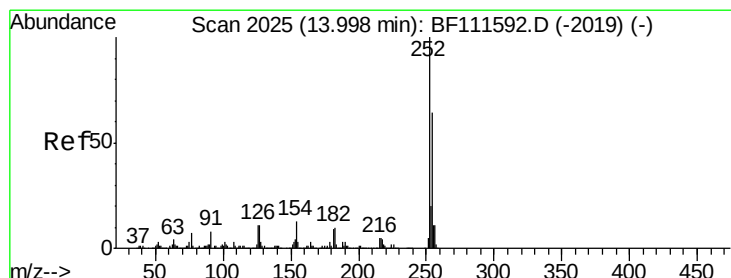
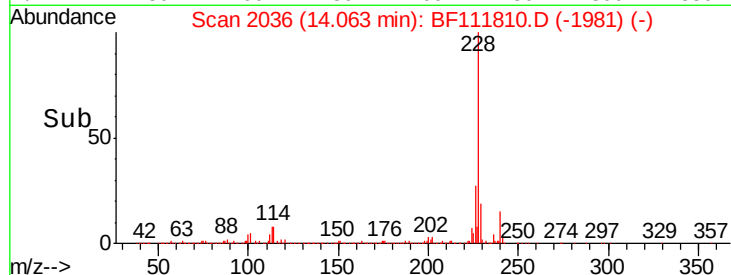
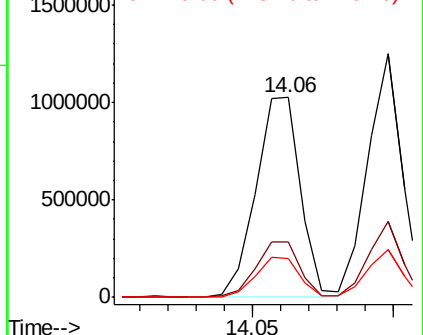
228 100

226 27.5 22.6 34.0

229 19.5 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: 40.866 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

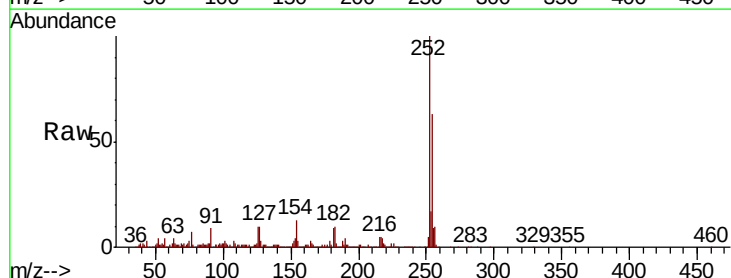
Tgt Ion:252 Resp: 353213

Ion Ratio Lower Upper

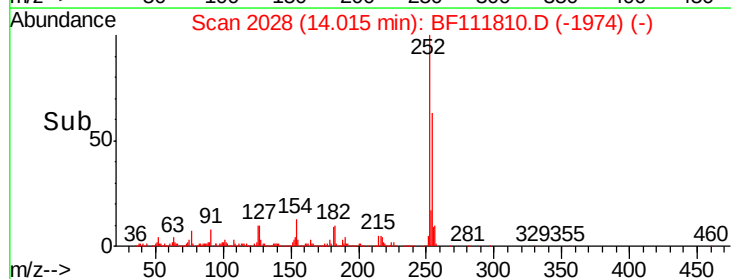
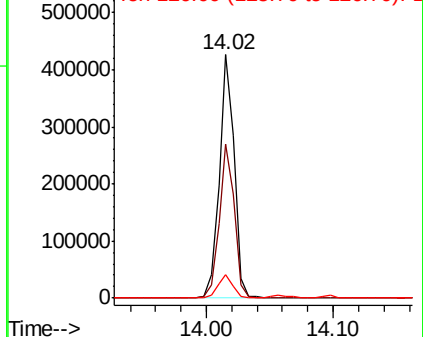
252 100

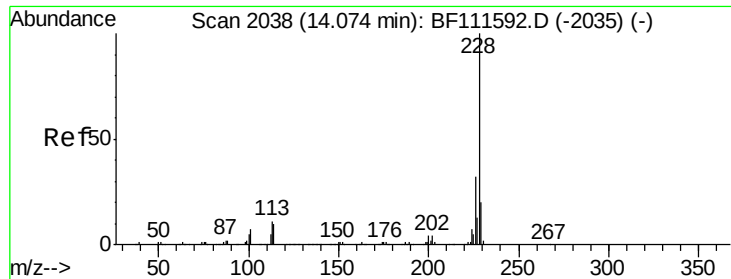
254 63.3 52.7 79.1

126 9.8 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

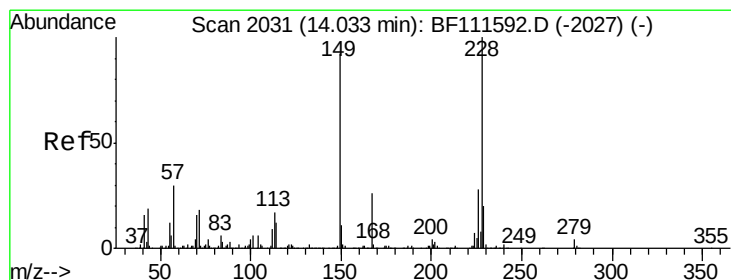
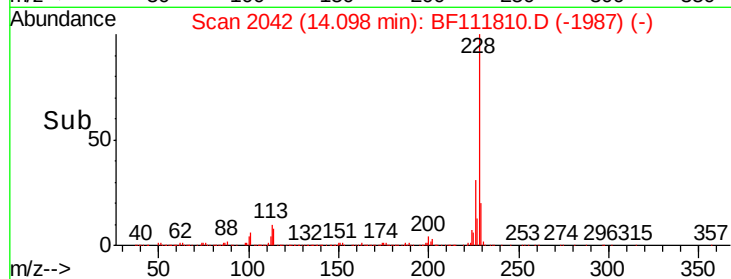
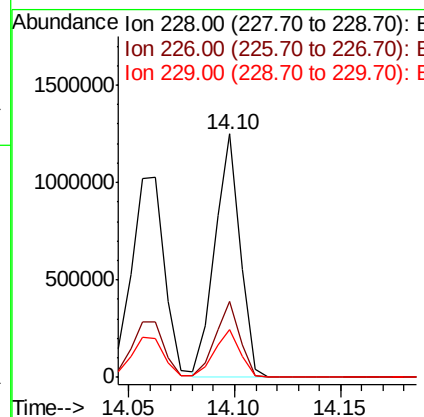
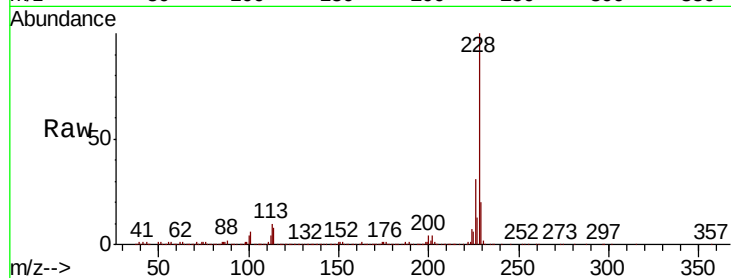




#83
Chrysene
Concen: 48.287 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.02 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

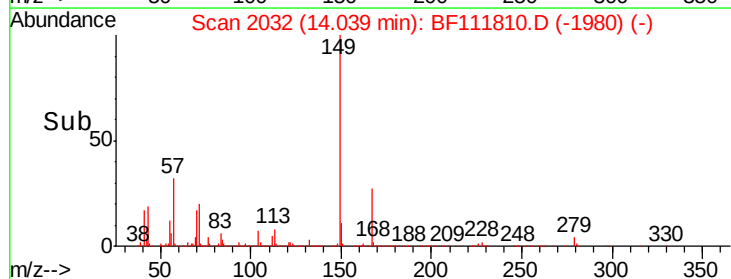
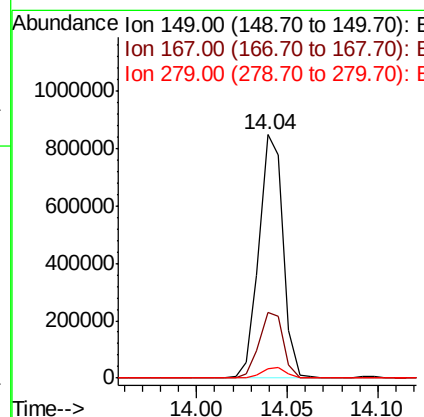
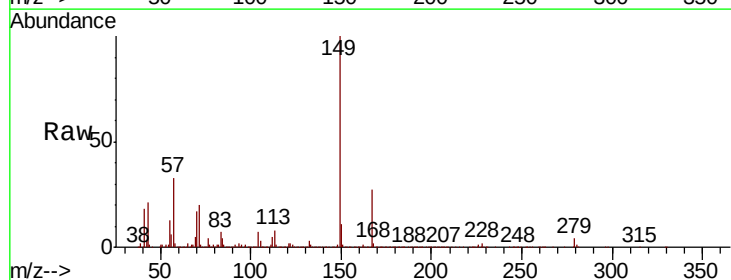
Instrument :
BNA_F
ClientSampleId :

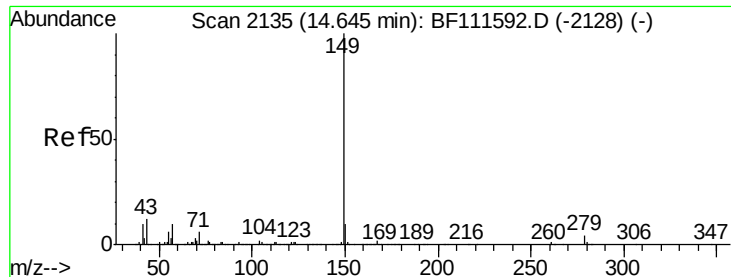
Tot Ion:228 Resp: 1038189
Ion Ratio Lower Upper
228 100
226 31.3 25.3 37.9
229 19.7 17.2 25.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 56.372 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion:149 Resp: 783490
Ion Ratio Lower Upper
149 100
167 27.2 22.5 33.7
279 4.0 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 54.848 ng

RT: 14.66 min Scan# 2137

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

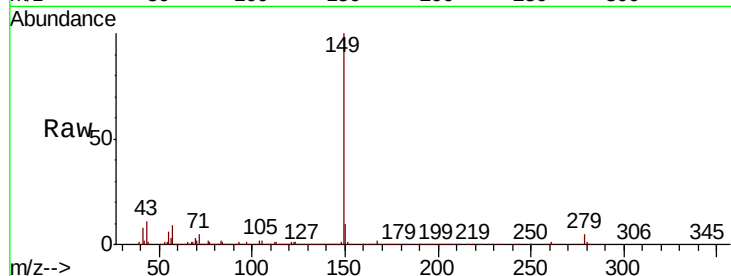
Tot Ion:149 Resp: 1181083

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

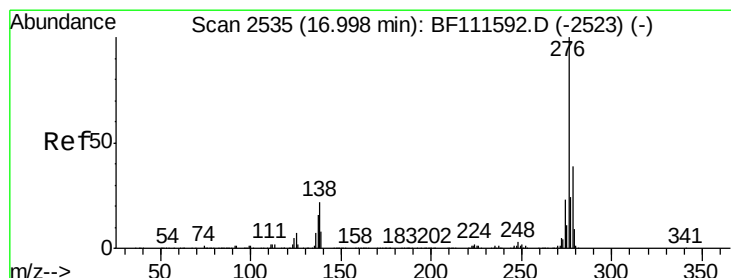
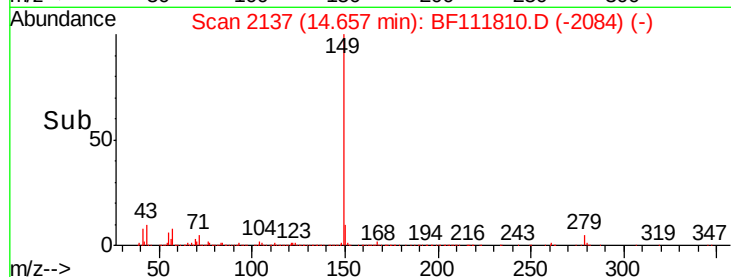
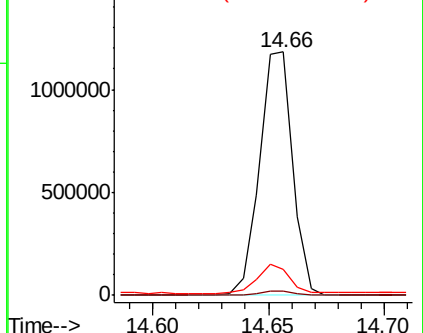
43 11.1 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 67.971 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.07 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

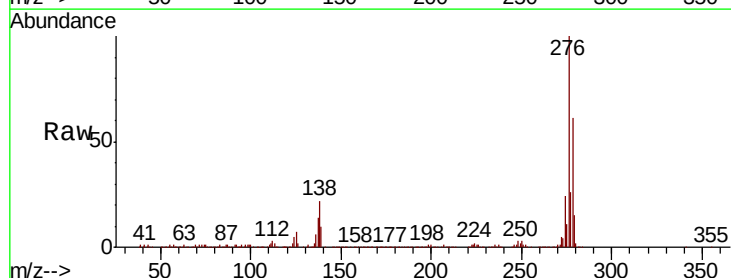
Tgt Ion:276 Resp: 1242338

Ion Ratio Lower Upper

276 100

138 22.4 27.8 41.6#

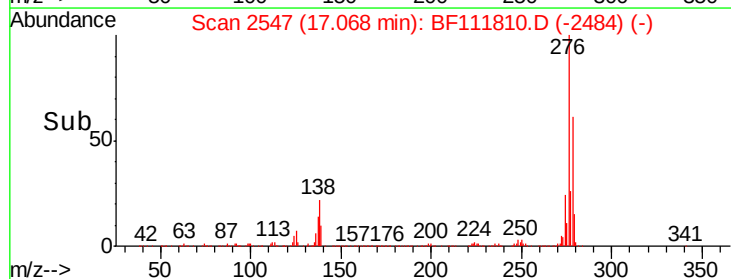
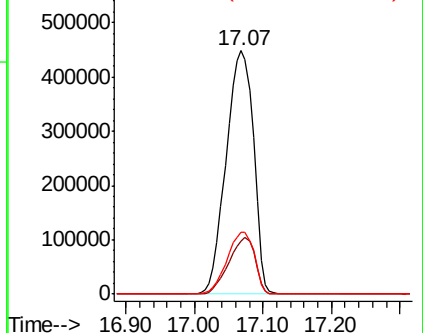
277 25.4 20.1 30.1

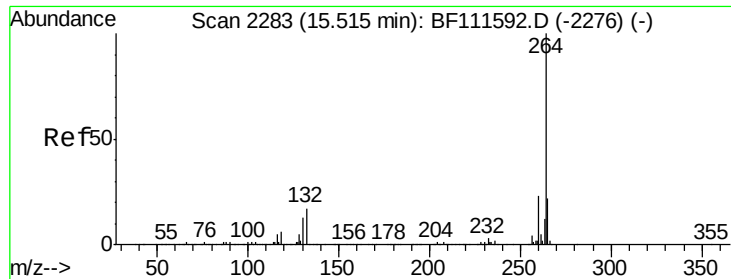


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



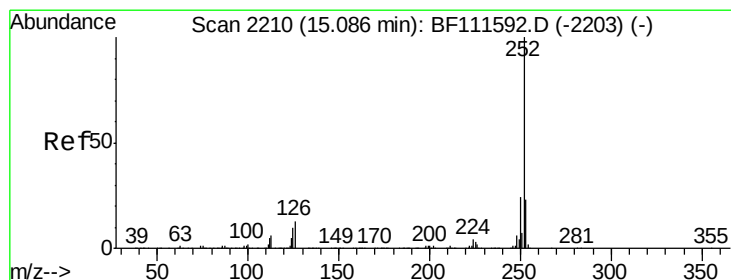
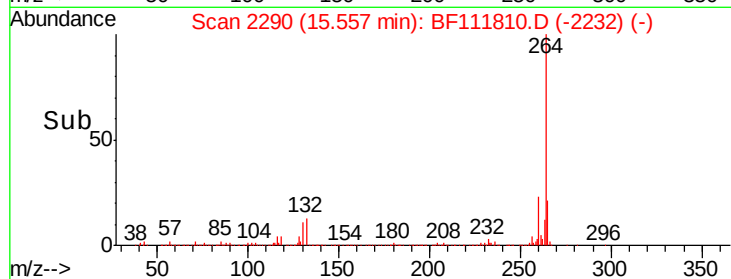
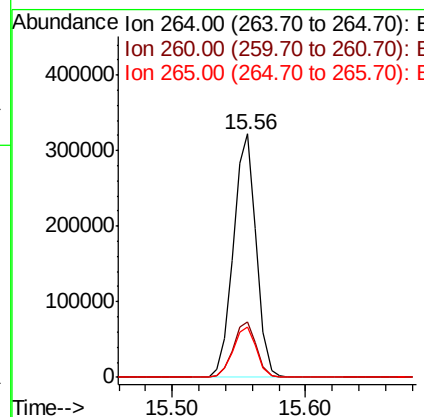
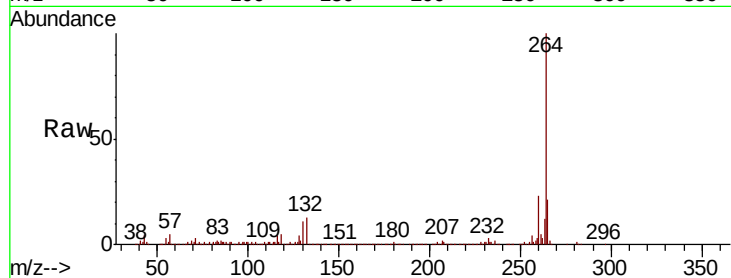


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.04 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 387465

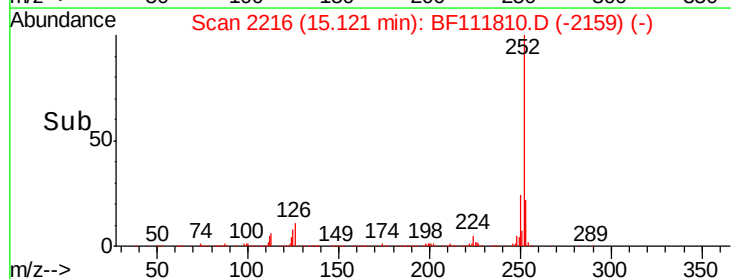
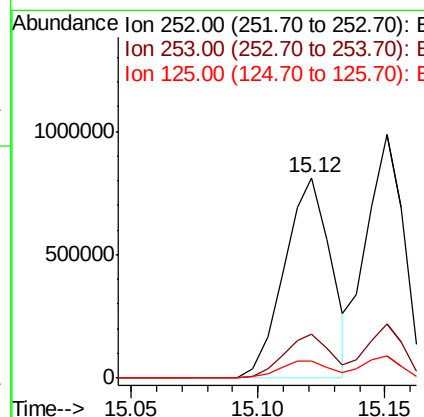
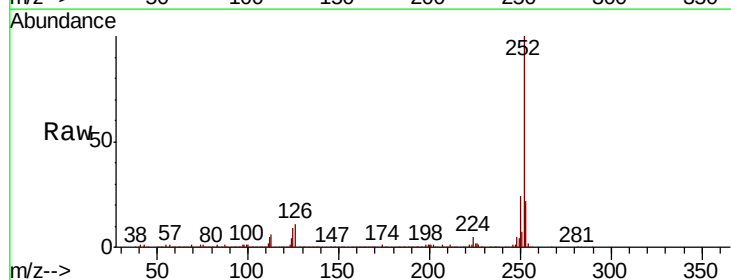
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	20.7	17.7	26.5

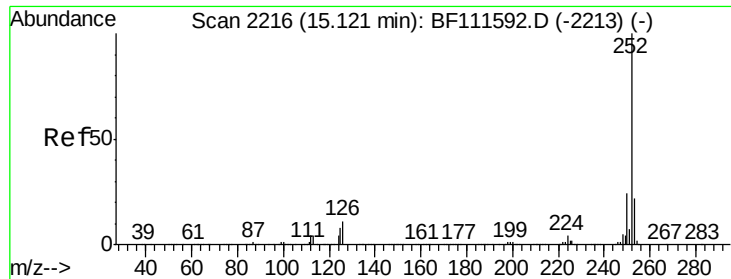


#88
Benzo(b)fluoranthene
Concen: 45.912 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.04 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion:252 Resp: 1039669

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	8.7	10.4	15.6#

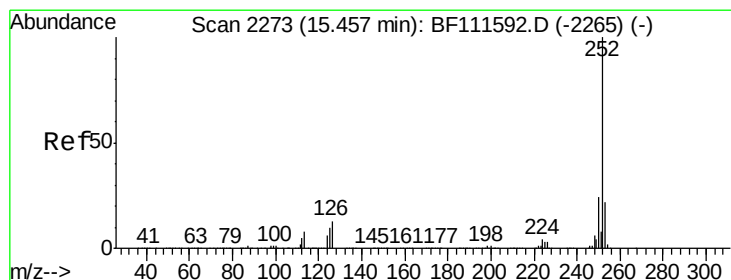
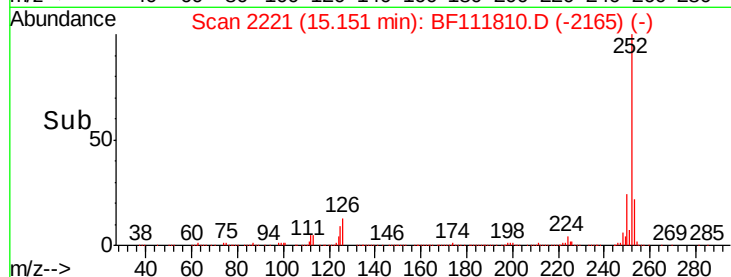
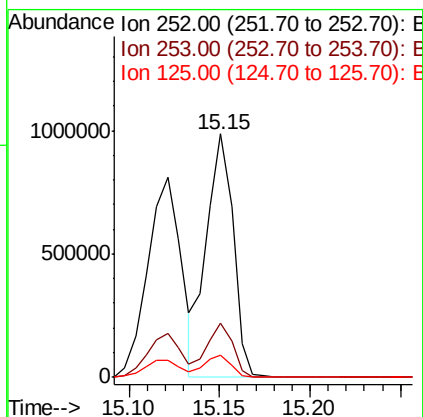
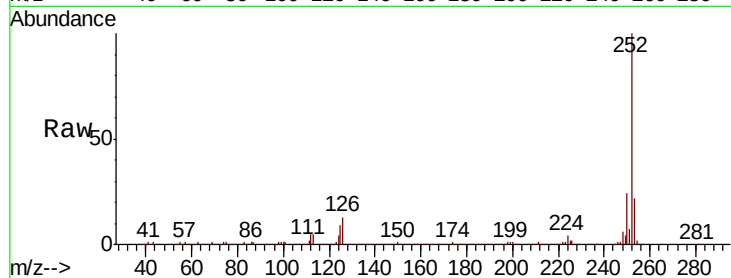




#89
Benzo(k)fluoranthene
Concen: 47.000 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.03 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

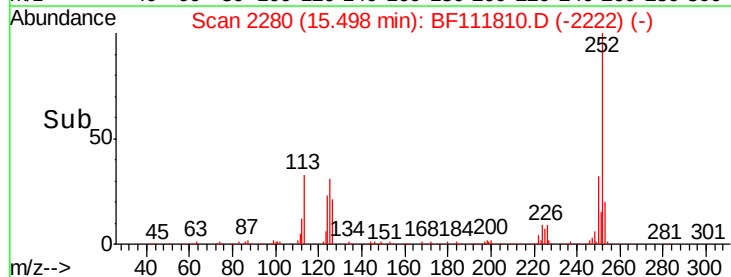
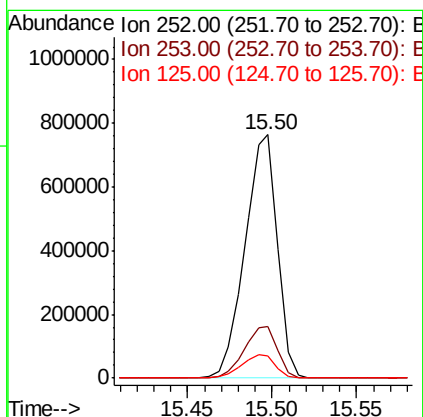
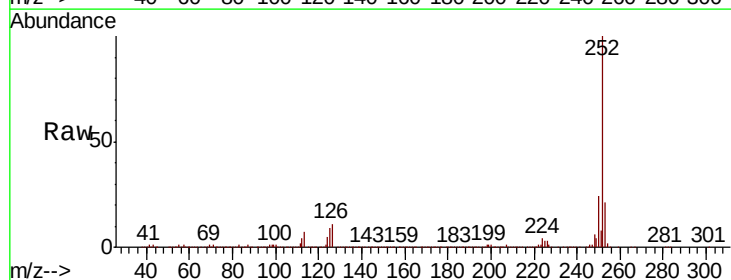
Instrument :
BNA_F
ClientSampleId :

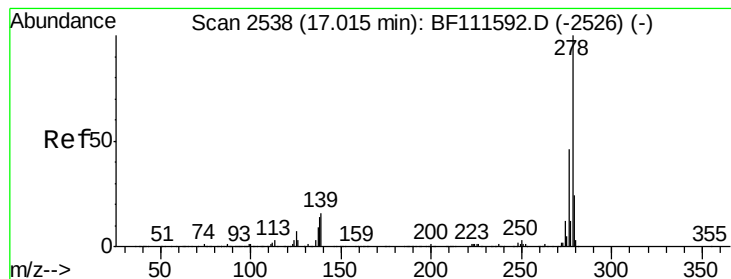
Tot Ion:252 Resp: 1013250
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 9.2 9.8 14.8#



#90
Benzo(a)pyrene
Concen: 49.575 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.04 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion:252 Resp: 1019908
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 9.1 12.3 18.5#





#91

Dibenzo(a,h)anthracene

Concen: 57.223 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.07 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

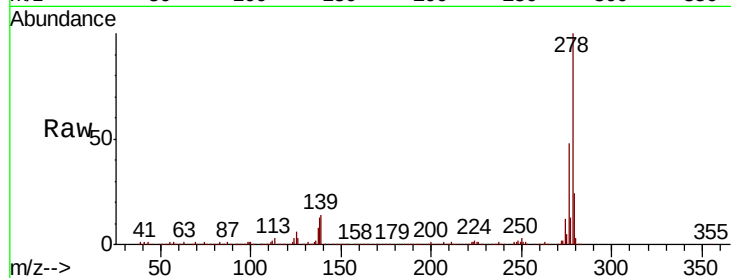
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1030896

Ion	Ratio	Lower	Upper
278	100		
139	14.4	18.2	27.4#
279	23.9	19.0	28.6

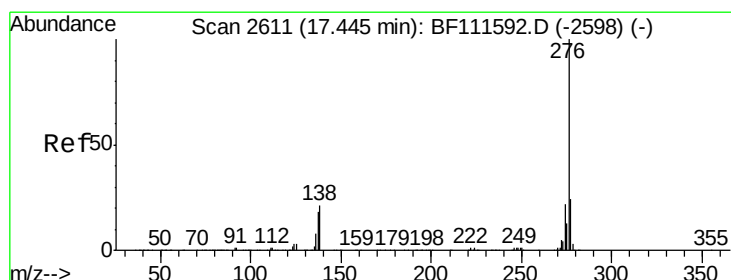
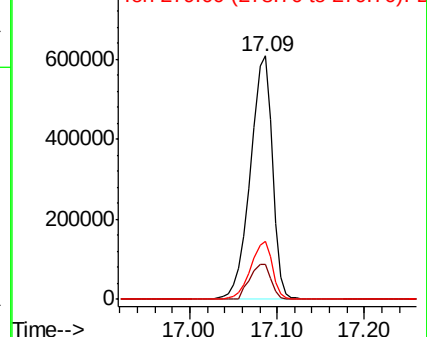
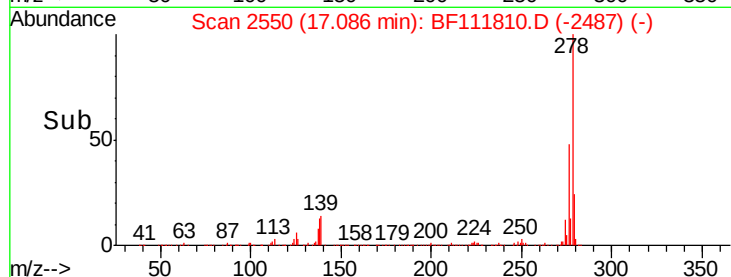


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 59.226 ng

RT: 17.53 min Scan# 2625

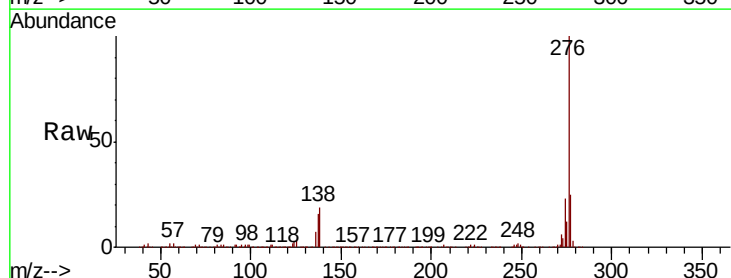
Delta R.T. 0.08 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Tgt Ion:276 Resp: 1041879

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.2	28.8
138	19.3	24.9	37.3#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

