

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF111982.D
 Acq On : 10 Jan 2019 12:51
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 00:49:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	144952	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	517248	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	271438	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	504172	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	416069	20.00	ng	-0.01
87) Perylene-d12	15.52	264	284286	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	642506	75.83	ng	-0.02
7) Phenol-d6	6.52	99	851518	77.98	ng	-0.01
23) Nitrobenzene-d5	7.44	82	769675	79.53	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	280498	79.45	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	1467022	78.81	ng	-0.01
79) Terphenyl-d14	12.99	244	1670002	76.19	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.66	88	141780	38.270	ng	99
3) Pyridine	3.42	79	368148	38.339	ng	99
4) n-Nitrosodimethylamine	3.37	42	181426	37.975	ng	99
6) Aniline	6.54	93	523866	39.675	ng	# 78
8) 2-Chlorophenol	6.67	128	350795	37.287	ng	96
9) Benzaldehyde	6.43	77	243854	40.320	ng	99
10) Phenol	6.53	94	466529	39.307	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	336869	36.688	ng	99
12) 1,3-Dichlorobenzene	6.82	146	433446	39.741	ng	99
13) 1,4-Dichlorobenzene	6.90	146	444505	40.162	ng	99
14) 1,2-Dichlorobenzene	7.05	146	406773	38.449	ng	99
15) Benzyl Alcohol	7.02	79	320816	37.130	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	541743	34.605	ng	93
17) 2-Methylphenol	7.14	107	279938	37.022	ng	99
18) Hexachloroethane	7.39	117	155767	40.310	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	271929	38.325	ng	98
20) 3+4-Methylphenols	7.29	107	369036	39.215	ng	93
22) Acetophenone	7.29	105	528460	40.356	ng	99
24) Nitrobenzene	7.46	77	376445	38.451	ng	97
25) Isophorone	7.70	82	635035	40.521	ng	100
26) 2-Nitrophenol	7.77	139	192171	39.865	ng	98
27) 2,4-Dimethylphenol	7.82	122	266938	38.299	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	449159	42.937	ng	99
29) 2,4-Dichlorophenol	8.02	162	331114	41.314	ng	100
30) 1,2,4-Trichlorobenzene	8.10	180	335808	37.980	ng	99
31) Naphthalene	8.19	128	965669	39.328	ng	100
32) Benzoic acid	7.93	122	85282	18.855	ng	97
33) 4-Chloroaniline	8.23	127	413878	38.993	ng	98
34) Hexachlorobutadiene	8.30	225	223051	40.523	ng	98
35) Caprolactam	8.60	113	99432	37.972	ng	95
36) 4-Chloro-3-methylphenol	8.72	107	304151	38.168	ng	95
37) 2-Methylnaphthalene	8.87	142	610781	40.144	ng	99
38) 1-Methylnaphthalene	8.97	142	599588	41.087	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	335876	38.814	ng	99

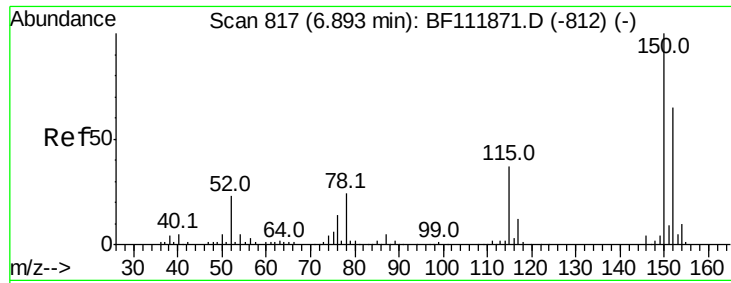
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF111982.D
 Acq On : 10 Jan 2019 12:51
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 00:49:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	176397	35.255	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	251741	42.890	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	256681	41.740	ng	96
46) 1,1'-Biphenyl	9.34	154	853052	37.570	ng	99
47) 2-Chloronaphthalene	9.36	162	732254	41.092	ng	99
48) 2-Nitroaniline	9.46	65	203762	37.400	ng	94
49) Acenaphthylene	9.78	152	1072614	40.713	ng	99
50) Dimethylphthalate	9.64	163	805854	39.521	ng	99
51) 2,6-Dinitrotoluene	9.70	165	169775	37.233	ng	98
52) Acenaphthene	9.95	154	641656	37.780	ng	99
53) 3-Nitroaniline	9.87	138	200870	41.136	ng	97
54) 2,4-Dinitrophenol	9.98	184	118341	61.292	ng	98
55) Dibenzofuran	10.12	168	962803	38.979	ng	98
56) 4-Nitrophenol	10.04	139	129095	37.416	ng	97
57) 2,4-Dinitrotoluene	10.10	165	234079	39.729	ng	99
58) Fluorene	10.47	166	699912	38.942	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	201705	38.929	ng	98
60) Diethylphthalate	10.33	149	735705	37.283	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	388164	38.513	ng	97
62) 4-Nitroaniline	10.48	138	192874	41.643	ng	99
63) Azobenzene	10.62	77	781240	41.444	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	110118	35.398	ng	94
66) n-Nitrosodiphenylamine	10.57	169	697204	41.209	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	247488	37.899	ng	98
68) Hexachlorobenzene	11.02	284	281631	38.915	ng	98
69) Atrazine	11.10	200	237121	39.890	ng	99
70) Pentachlorophenol	11.22	266	180979	43.945	ng	99
71) Phenanthrene	11.43	178	1044157	38.736	ng	100
72) Anthracene	11.48	178	1094925	40.014	ng	99
73) Carbazole	11.63	167	1082868	40.683	ng	99
74) Di-n-butylphthalate	11.96	149	1225987	39.654	ng	100
75) Fluoranthene	12.62	202	1137802	41.117	ng	97
77) Benzidine	12.73	184	455362	36.627	ng	98
78) Pyrene	12.85	202	1129634	39.459	ng	98
80) Butylbenzylphthalate	13.46	149	481830	39.811	ng	98
81) Benzo(a)anthracene	14.03	228	947426	39.566	ng	100
82) 3,3'-Dichlorobenzidine	13.99	252	348968	39.475	ng	98
83) Chrysene	14.07	228	874898	38.320	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	627185	39.458	ng	100
85) Di-n-octyl phthalate	14.63	149	931183	40.937	ng	100
86) Indeno(1,2,3-cd)pyrene	17.02	276	555358	33.365	ng	99
88) Benzo(b)fluoranthene	15.09	252	675277	39.709	ng	99
89) Benzo(k)fluoranthene	15.12	252	651235	40.740	ng	99
90) Benzo(a)pyrene	15.46	252	609937	40.791	ng	99
91) Dibenzo(a,h)anthracene	17.03	278	465322	38.692	ng	99
92) Benzo(g,h,i)perylene	17.47	276	465154	39.544	ng	98

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

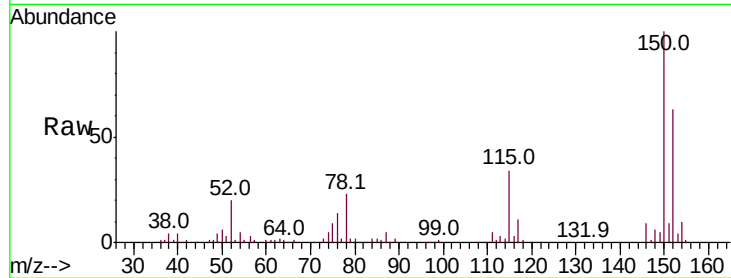


#1

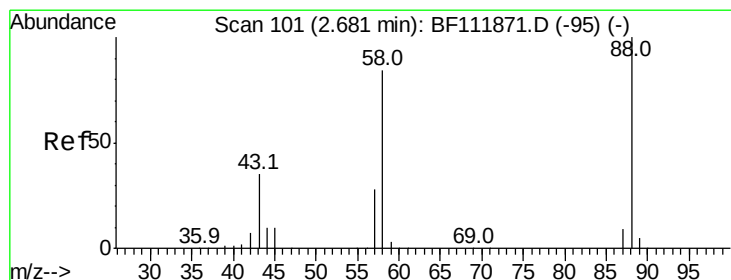
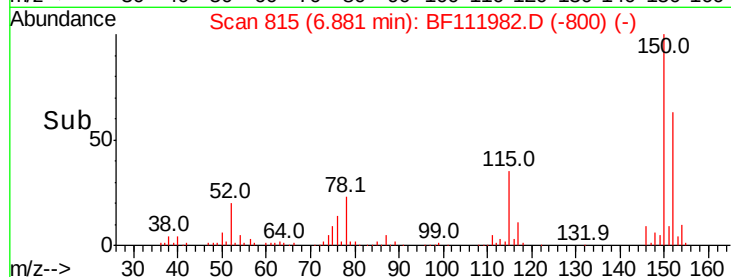
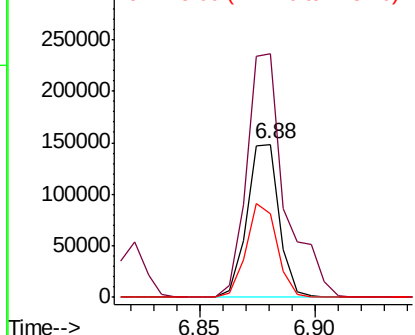
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144952
Ion Ratio Lower Upper
152 100
150 159.3 122.7 184.1
115 54.9 45.2 67.8



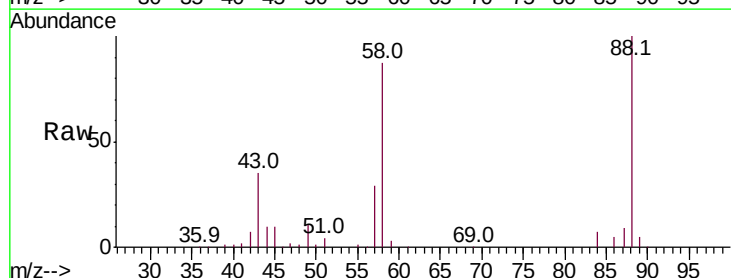
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



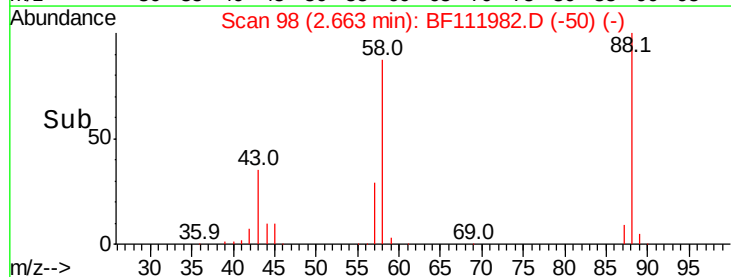
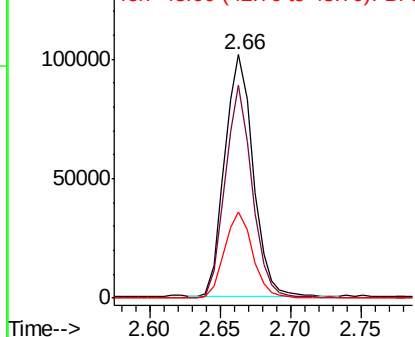
#2

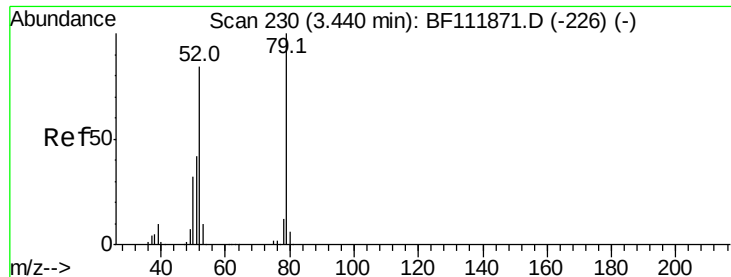
1,4-Dioxane
Concen: 38.270 ng
RT: 2.66 min Scan# 98
Delta R.T. -0.02 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Tgt Ion: 88 Resp: 141780
Ion Ratio Lower Upper
88 100
58 83.4 67.6 101.4
43 35.3 29.0 43.6



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





#3

Pvridine

Concen: 38.339 ng

RT: 3.42 min Scan# 227

Delta R.T. -0.02 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

Instrument :

BNA_F

ClientSampleId :

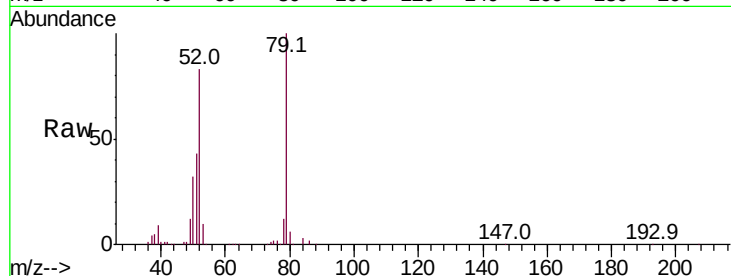
Tot Ion: 79 Resp: 368148

Ion Ratio Lower Upper

79 100

52 83.1 67.0 100.6

51 42.9 34.2 51.2



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

250000

200000

150000

100000

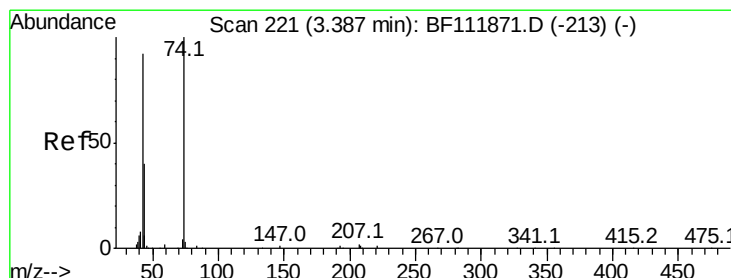
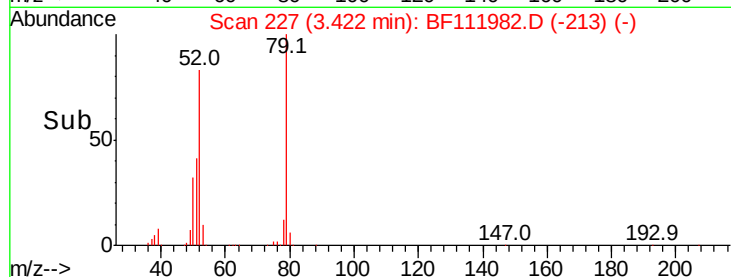
50000

0

3.42

3.30 3.40 3.50 3.60 3.70

Time-->



#4

n-Nitrosodimethylamine

Concen: 37.975 ng

RT: 3.37 min Scan# 218

Delta R.T. -0.02 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

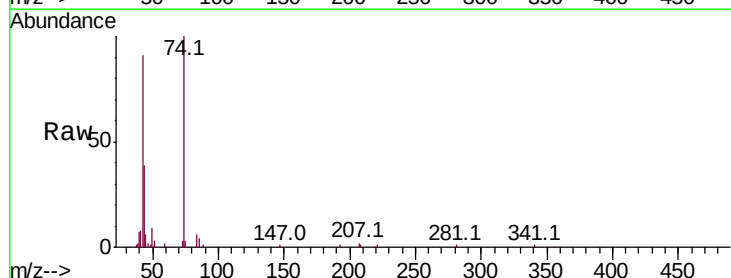
Tgt Ion: 42 Resp: 181426

Ion Ratio Lower Upper

42 100

74 110.1 87.0 130.6

44 6.9 5.5 8.3



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

120000

100000

80000

60000

40000

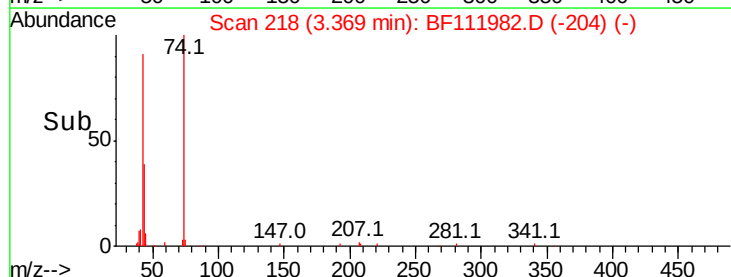
20000

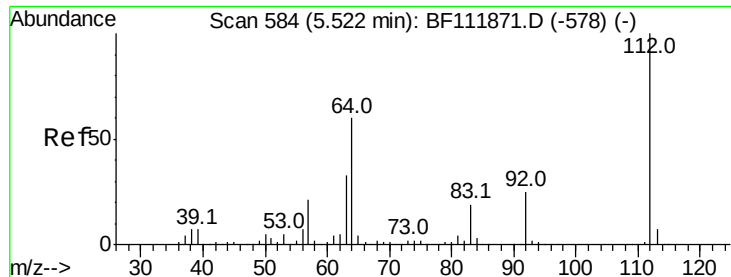
0

3.37

3.30 3.40 3.50

Time-->





#5

2-Fluorophenol

Concen: 75.833 ng

RT: 5.50 min Scan# 581

Delta R.T. -0.02 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

Instrument :
BNA_F
ClientSampleId :

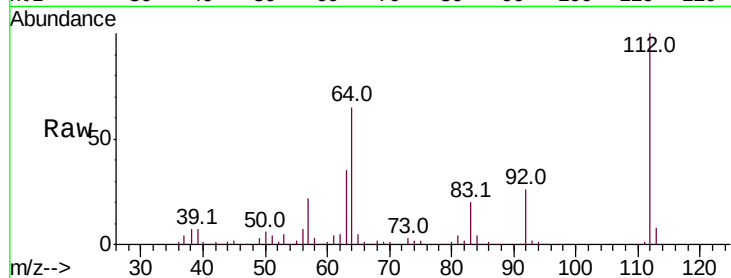
Tot Ion:112 Resp: 642506

Ion Ratio Lower Upper

112 100

64 64.8 48.3 72.5

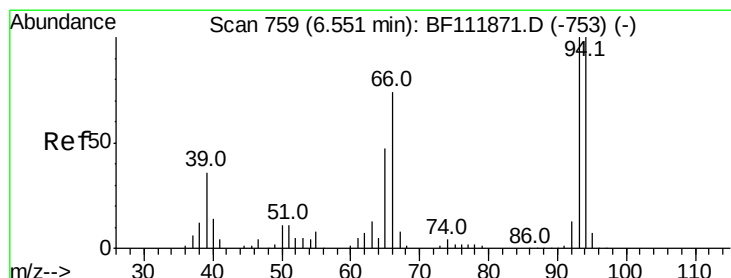
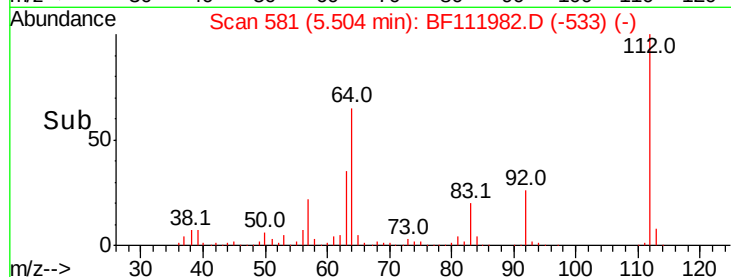
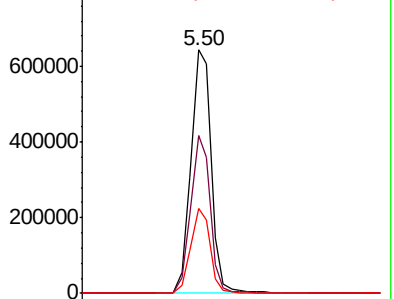
63 34.9 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.675 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

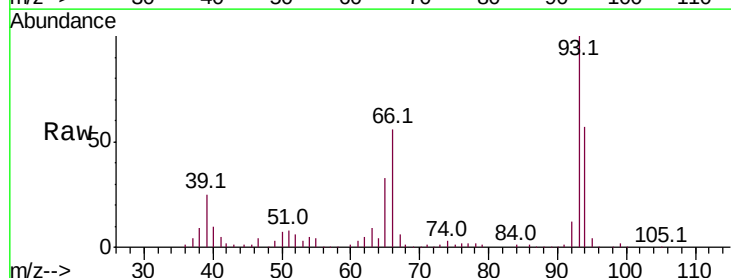
Tgt Ion: 93 Resp: 523866

Ion Ratio Lower Upper

93 100

66 56.0 60.0 90.0#

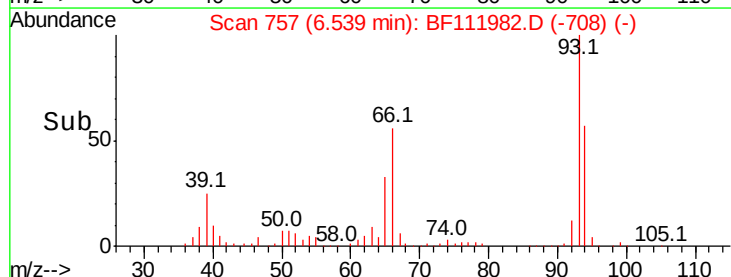
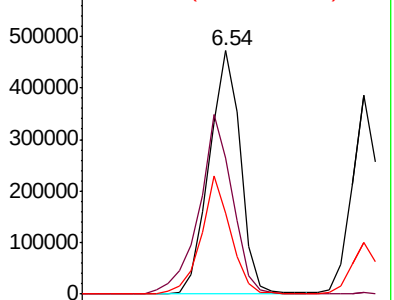
65 33.0 37.5 56.3#

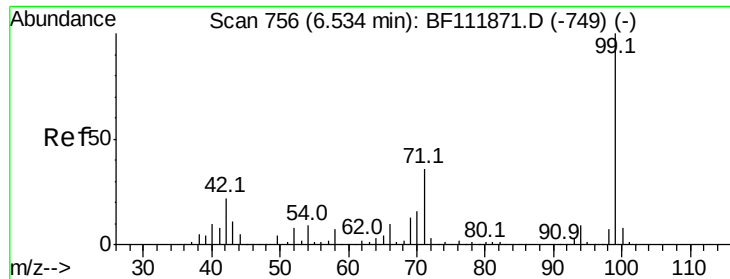


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.976 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

Instrument :

BNA_F

ClientSampled :

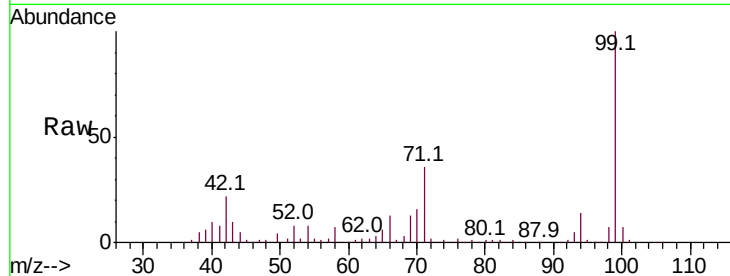
Tot Ion: 99 Resp: 851518

Ion Ratio Lower Upper

99 100

42 21.9 17.9 26.9

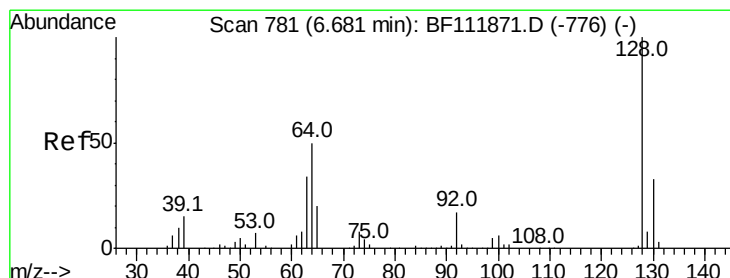
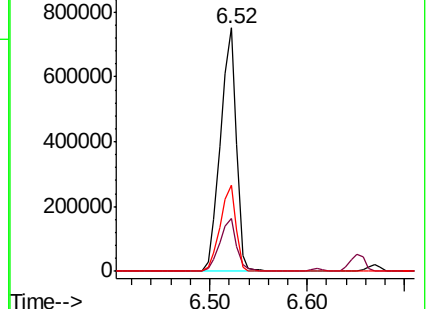
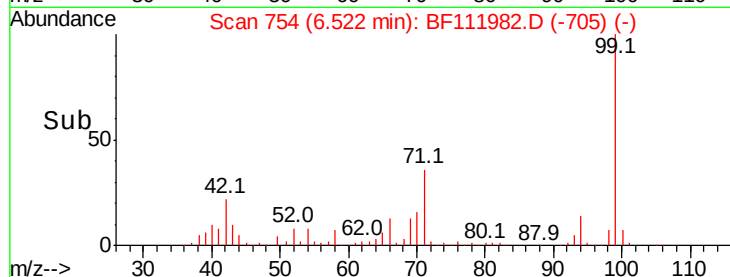
71 35.5 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.287 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

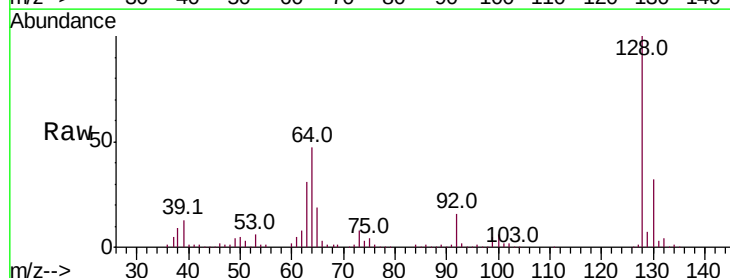
Tgt Ion:128 Resp: 350795

Ion Ratio Lower Upper

128 100

130 32.5 12.7 52.7

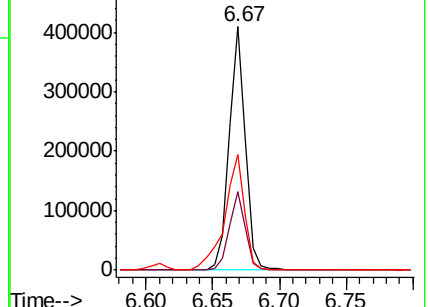
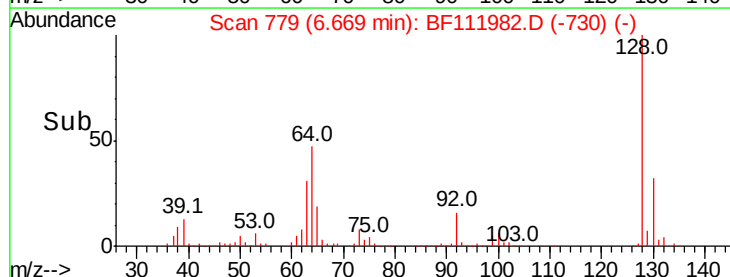
64 47.4 31.8 71.8

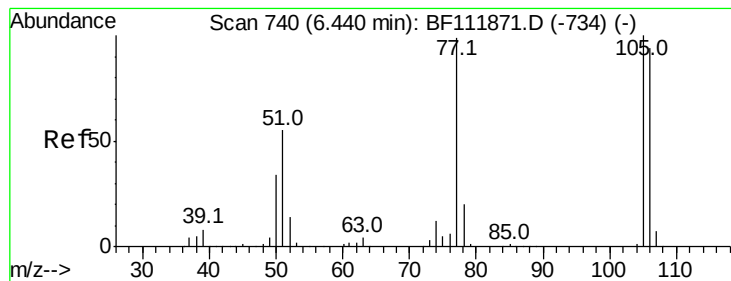


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.320 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

Instrument :

BNA_F

ClientSampleId :

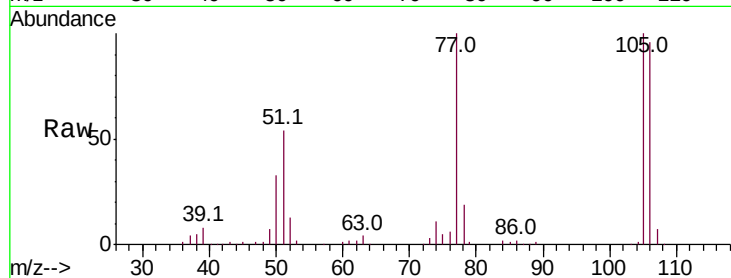
Tot Ion: 77 Resp: 243854

Ion Ratio Lower Upper

77 100

105 100.4 80.6 120.6

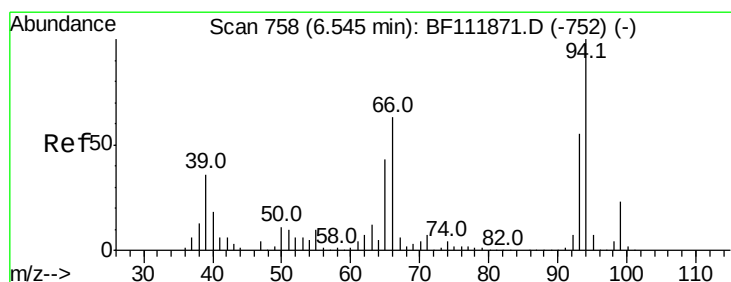
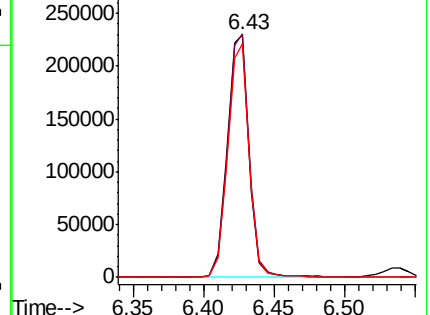
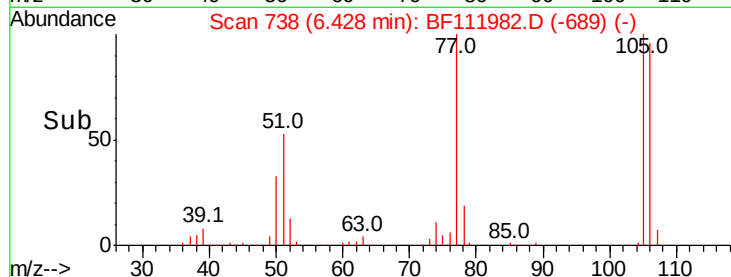
106 96.5 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.307 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

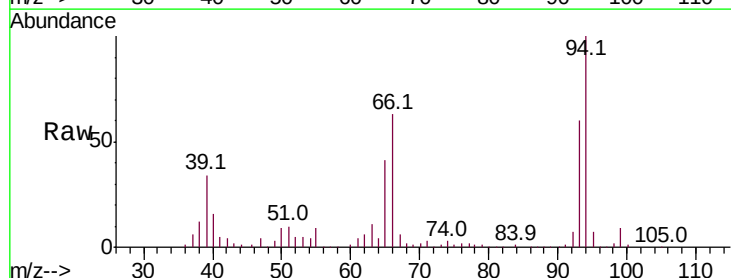
Tgt Ion: 94 Resp: 466529

Ion Ratio Lower Upper

94 100

65 41.5 22.8 62.8

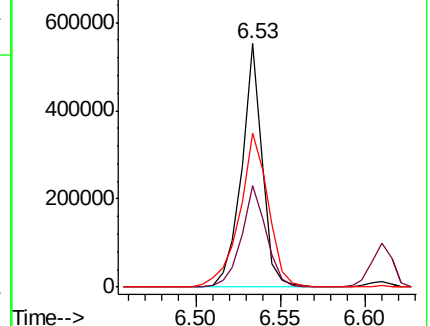
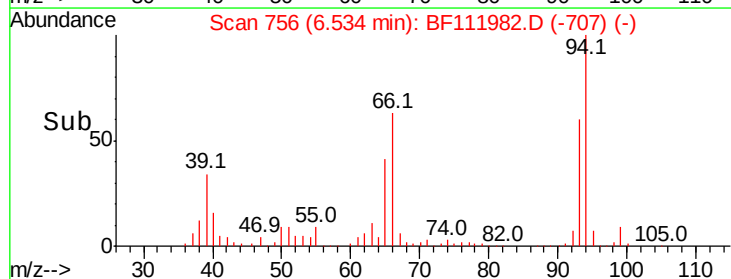
66 63.1 43.3 83.3

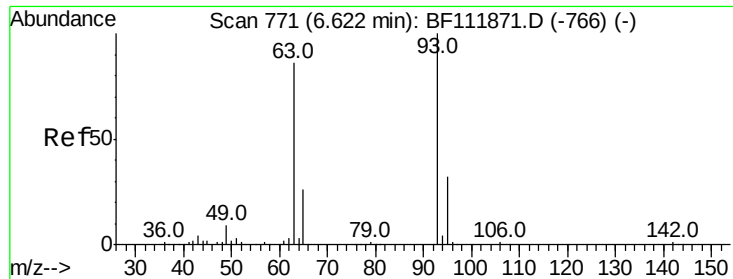


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

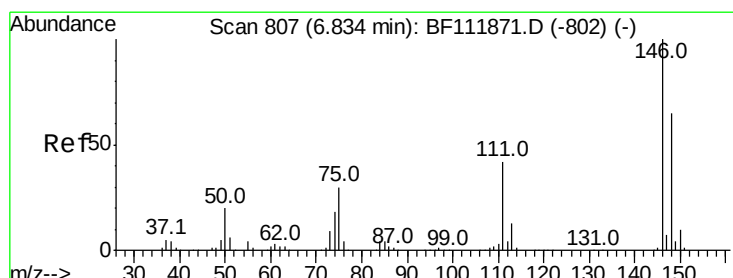
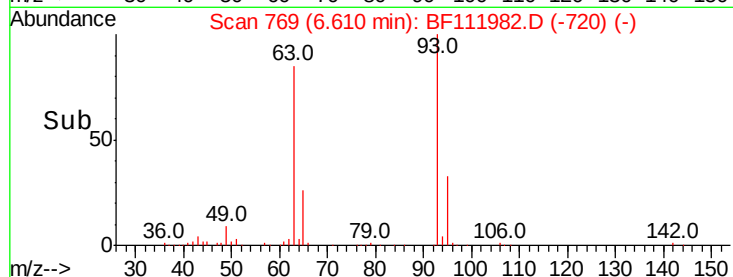
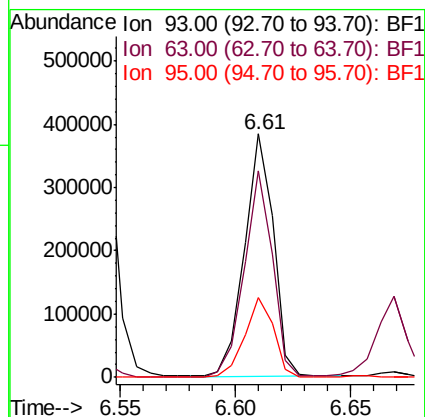
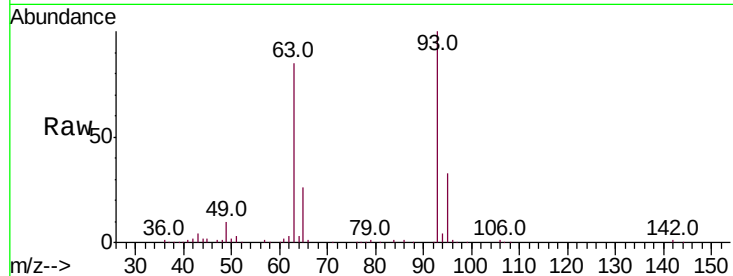




#11
bis(2-Chloroethyl)ether
Concen: 36.688 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

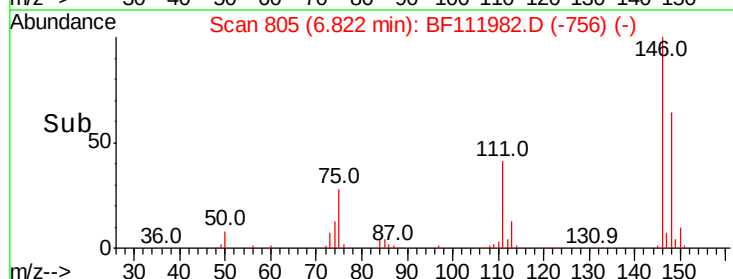
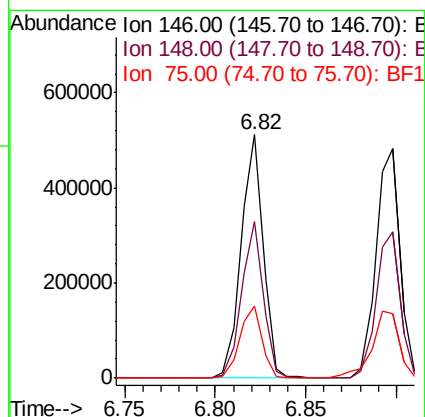
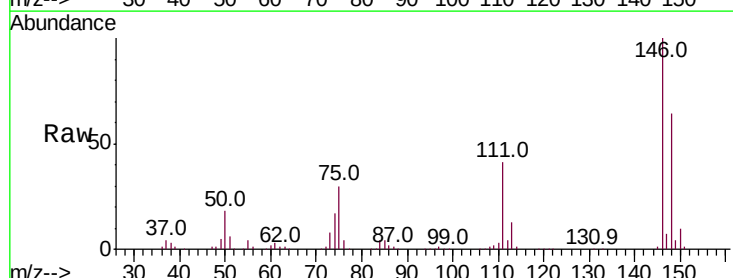
Instrument :
BNA_F
ClientSampleId :

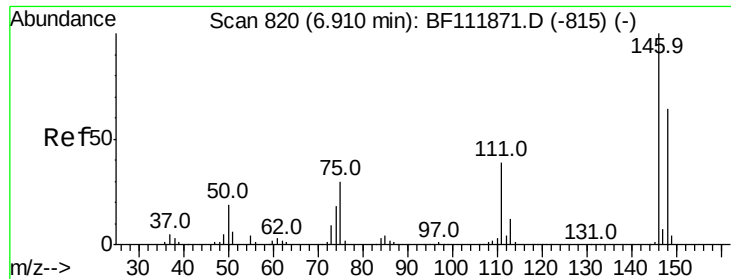
Tot Ion: 93 Resp: 336869
Ion Ratio Lower Upper
93 100
63 84.8 65.2 105.2
95 32.5 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 39.741 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Tgt Ion: 146 Resp: 433446
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.6
75 29.7 24.3 36.5

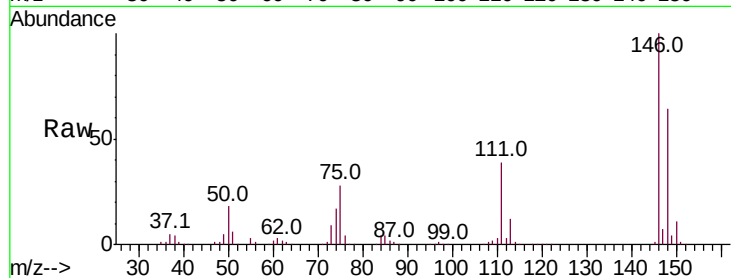




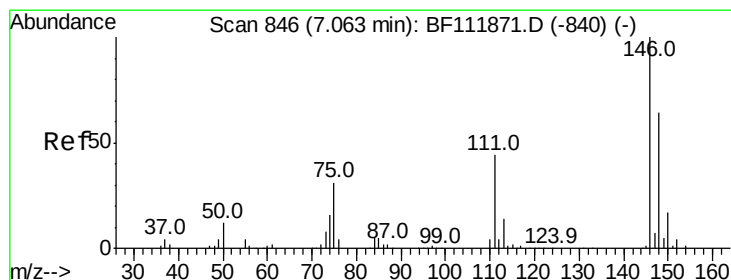
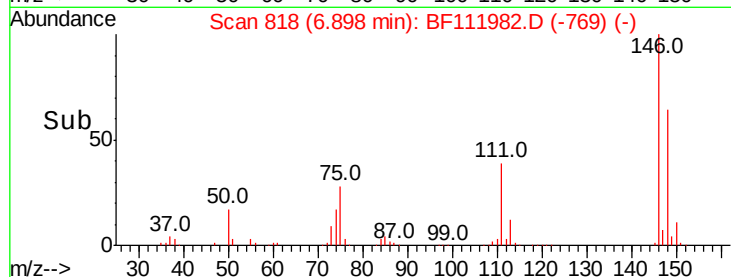
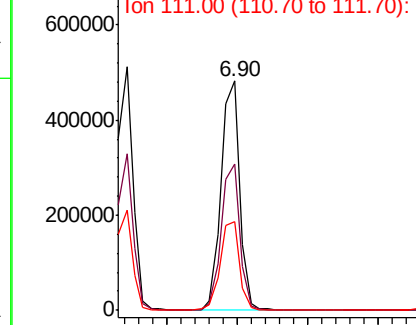
#13
 1,4-Dichlorobenzene
 Concen: 40.162 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF111982.D
 Acq: 10 Jan 2019 12:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 444505
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.2 76.8
 111 39.0 31.5 47.3

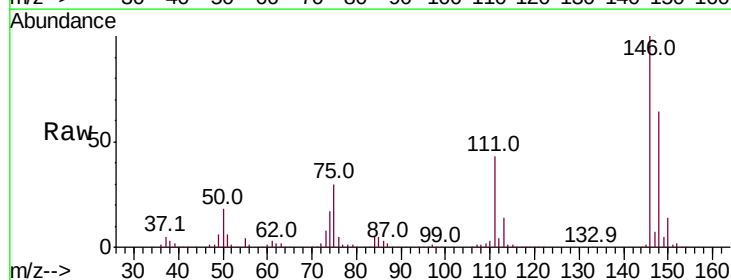


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

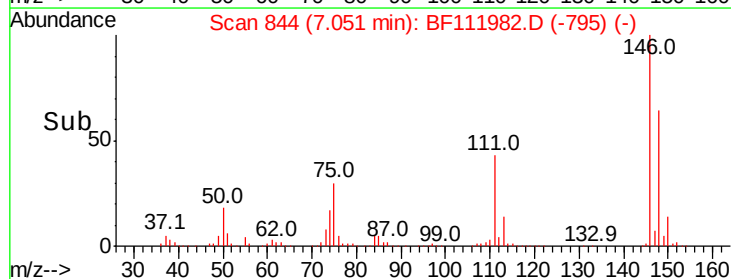
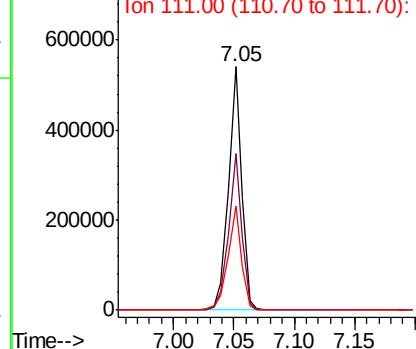


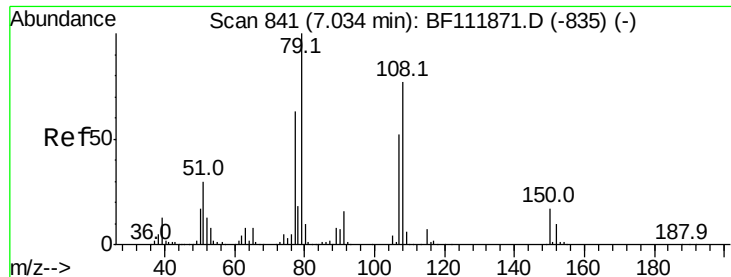
#14
 1,2-Dichlorobenzene
 Concen: 38.449 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF111982.D
 Acq: 10 Jan 2019 12:51

Tgt Ion:146 Resp: 406773
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.5 77.3
 111 42.8 35.5 53.3



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: 37.130 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

Instrument :

BNA_F

ClientSampleId :

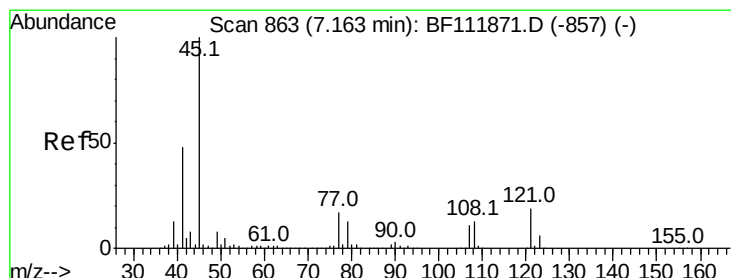
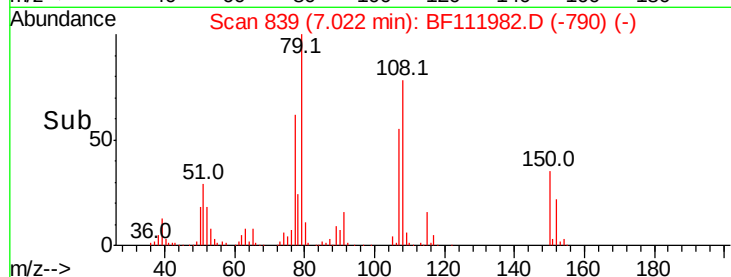
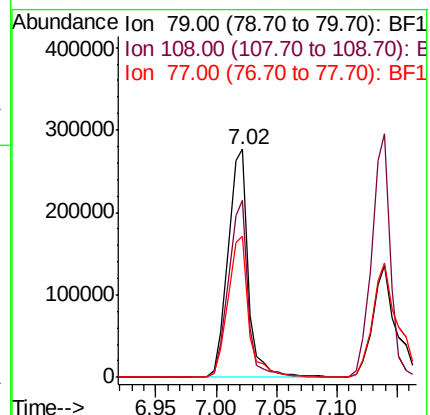
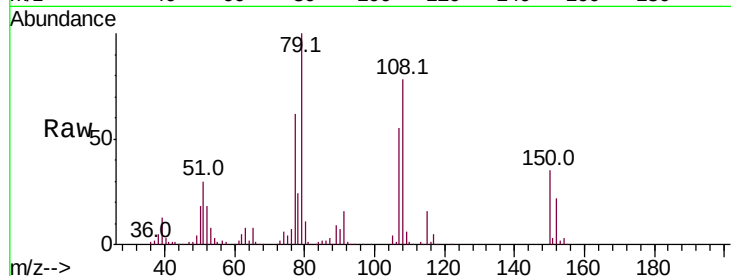
Tot Ion: 79 Resp: 320816

Ion Ratio Lower Upper

79 100

108 77.7 61.4 92.0

77 61.9 50.4 75.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.605 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

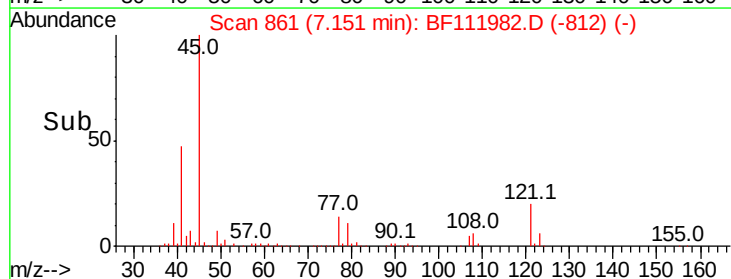
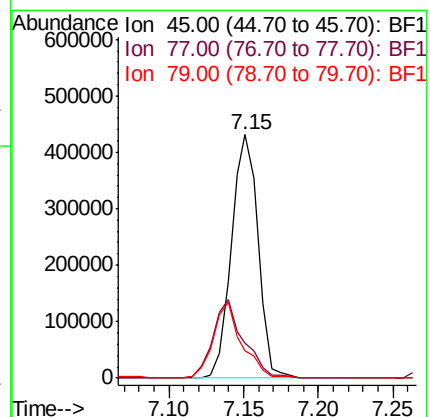
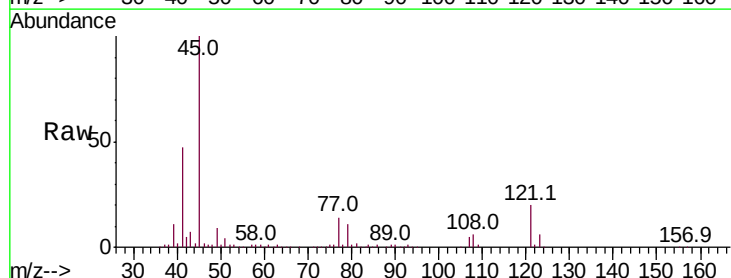
Tgt Ion: 45 Resp: 541743

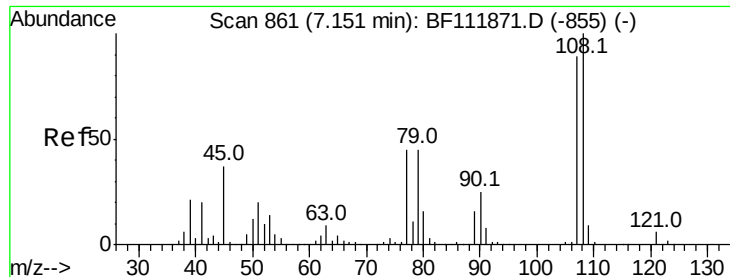
Ion Ratio Lower Upper

45 100

77 14.3 0.0 37.1

79 11.1 0.0 33.9

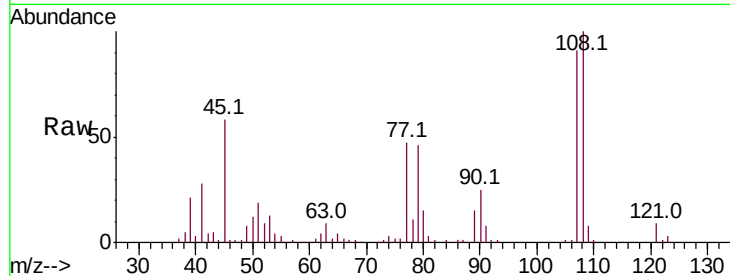




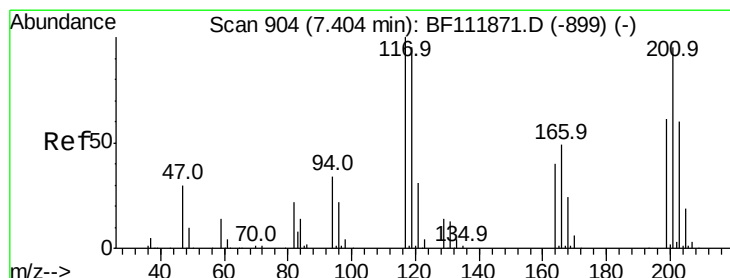
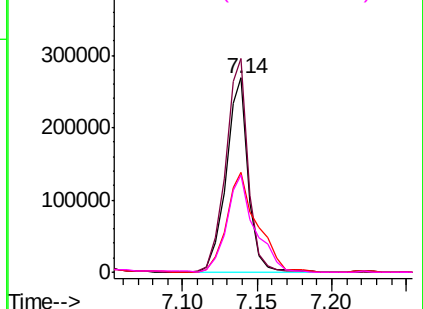
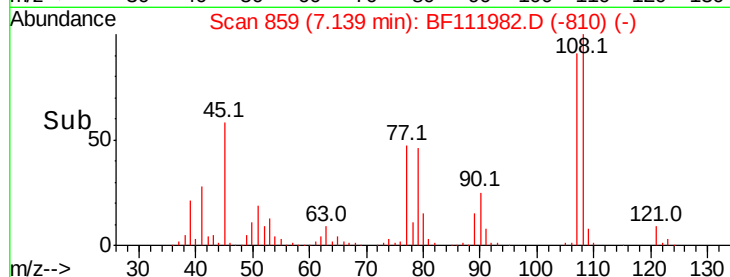
#17
2-Methylphenol
Concen: 37.022 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 279938
Ion Ratio Lower Upper
107 100
108 109.9 89.7 134.5
77 51.6 40.6 60.8
79 50.3 40.2 60.2

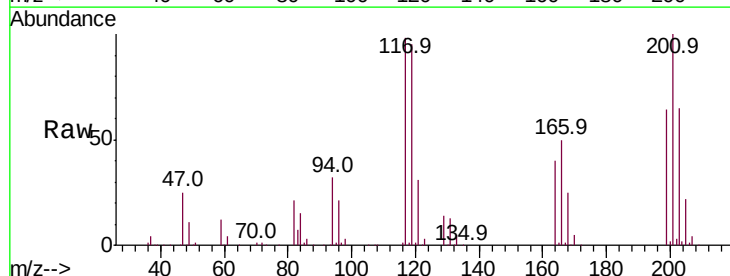


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

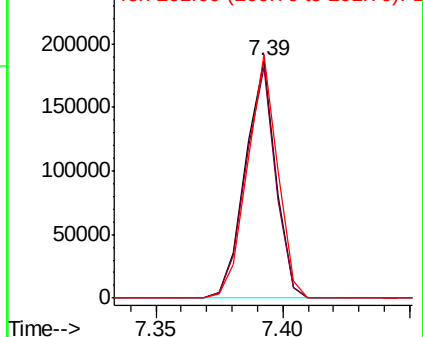
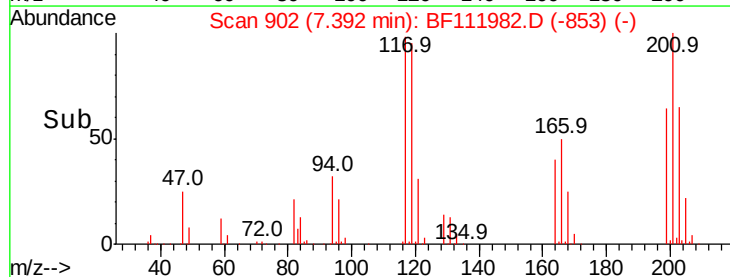


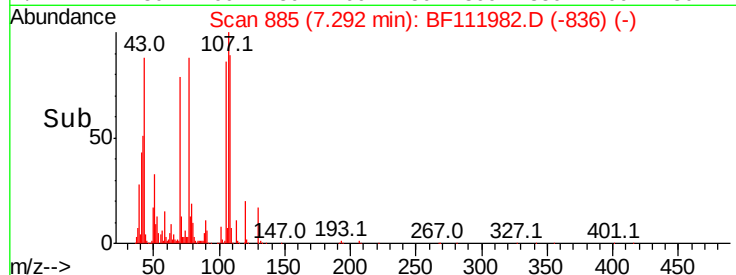
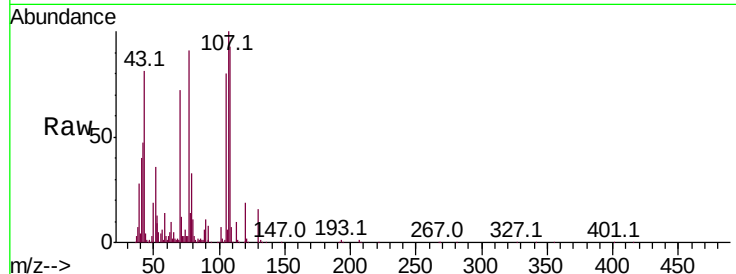
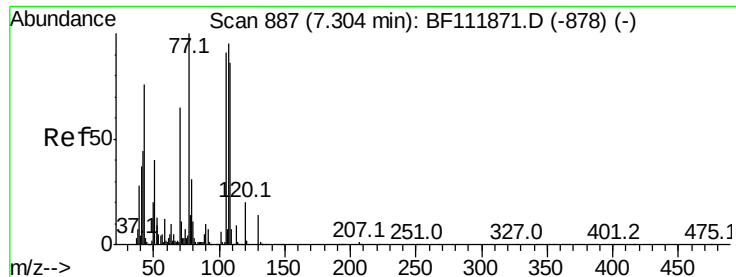
#18
Hexachloroethane
Concen: 40.310 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Tgt Ion:117 Resp: 155767
Ion Ratio Lower Upper
117 100
119 96.9 76.2 114.2
201 102.4 75.7 113.5



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

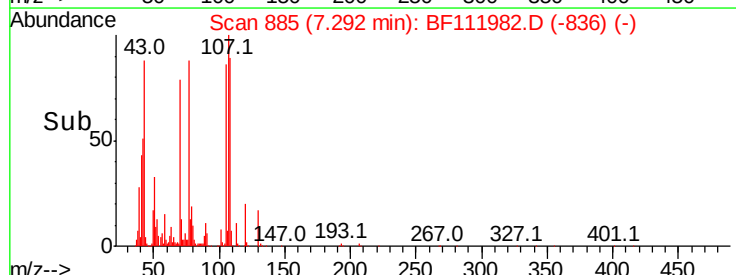
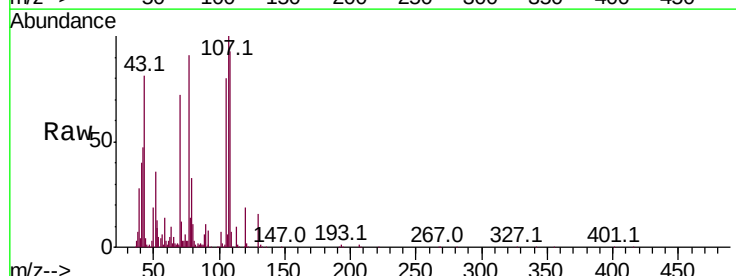
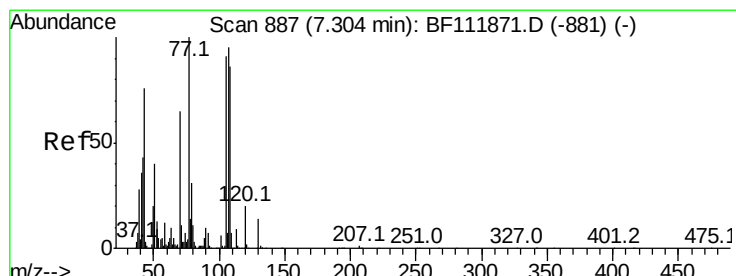
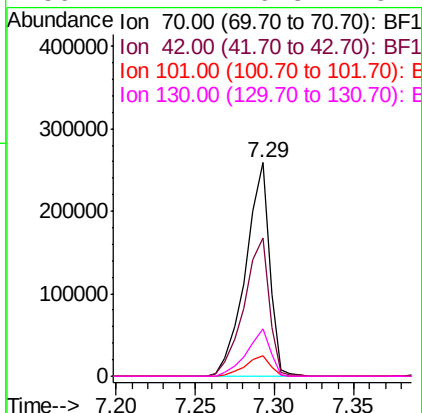




#19
n-Nitroso-di-n-propylamine
Concen: 38.325 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

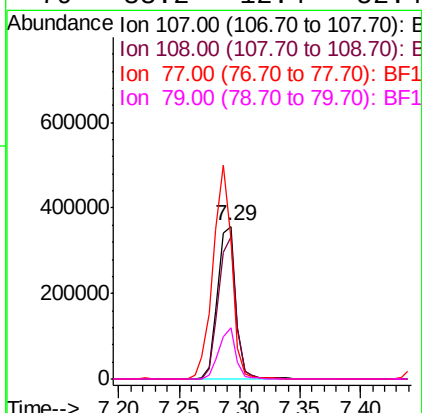
Instrument :
BNA_F
ClientSampleId :

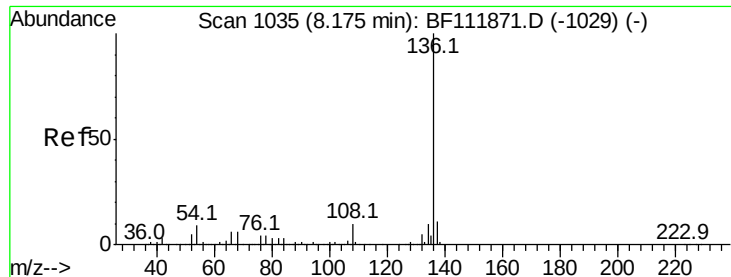
Tot Ion:	70	Resp:	271929
Ion	Ratio	Lower	Upper
70	100		
42	65.0	53.6	80.4
101	9.8	7.3	10.9
130	22.1	16.8	25.2



#20
3+4-Methylphenols
Concen: 39.215 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Tgt Ion:	107	Resp:	369036
Ion	Ratio	Lower	Upper
107	100		
108	93.2	71.1	111.1
77	91.3	85.4	125.4
79	33.2	12.4	52.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 517248

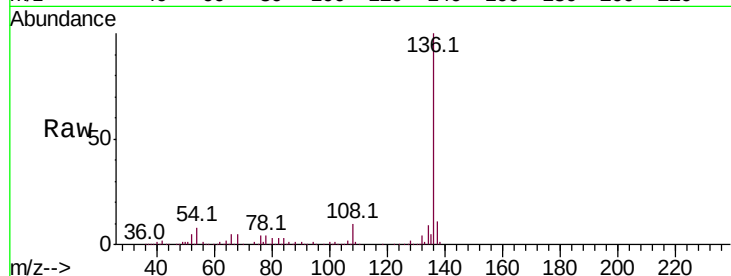
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 7.9 7.2 10.8

68 5.0 4.4 6.6

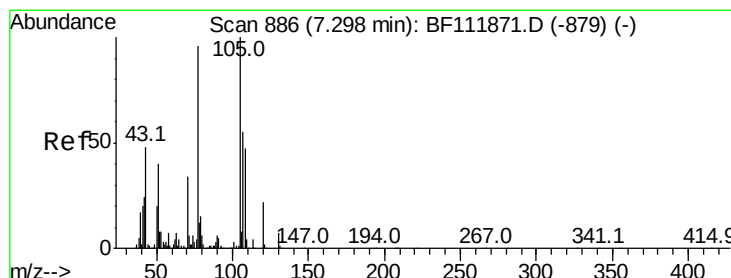
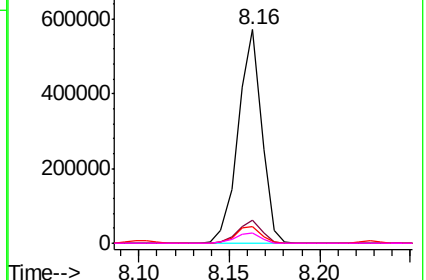
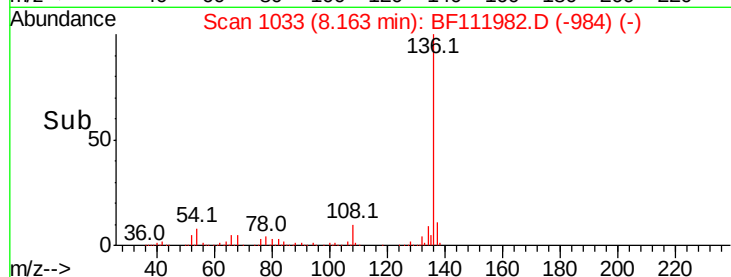


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.356 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

Tgt Ion:105 Resp: 528460

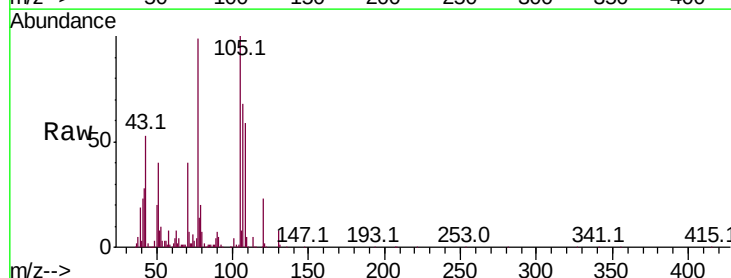
Ion Ratio Lower Upper

105 100

71 6.6 4.6 6.8

51 40.3 32.2 48.2

120 22.7 17.5 26.3

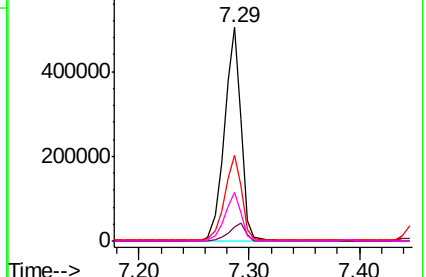
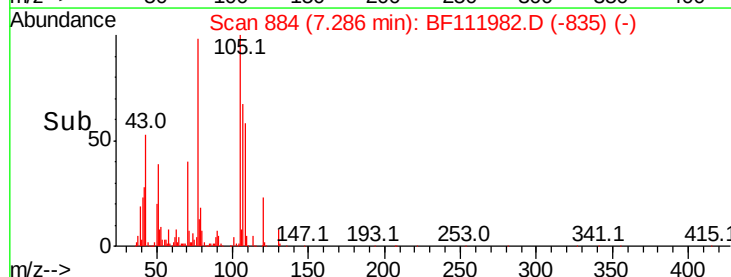


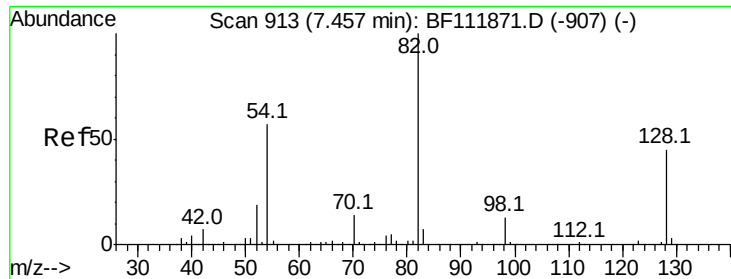
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

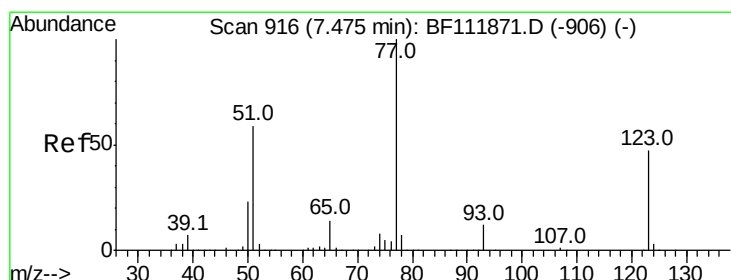
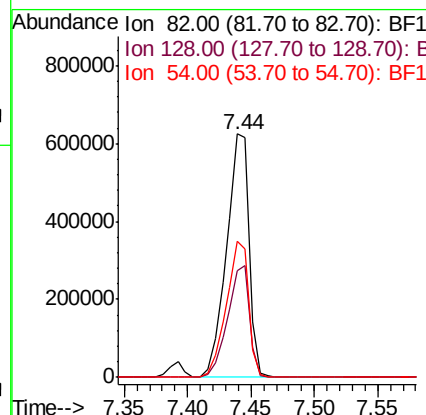
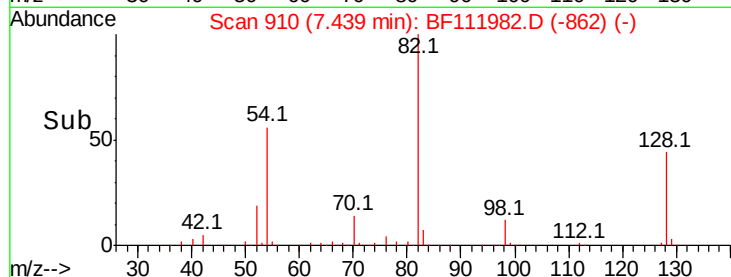
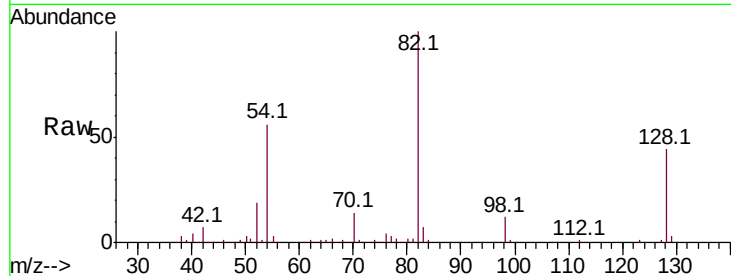




#23
Nitrobenzene-d5
Concen: 79.528 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

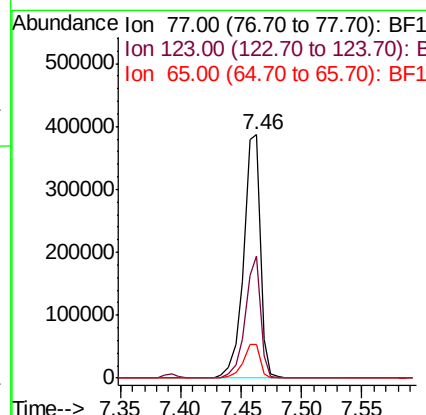
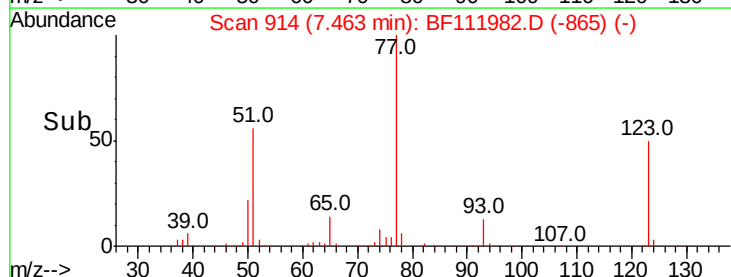
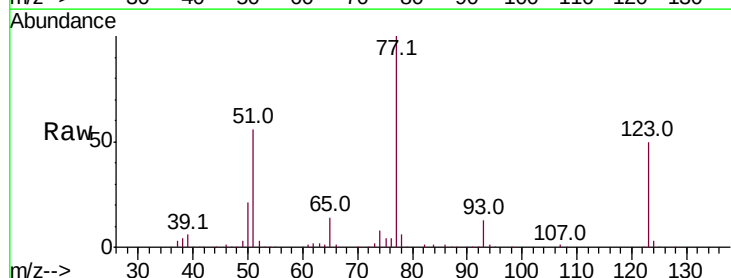
Instrument :
BNA_F
ClientSampled :

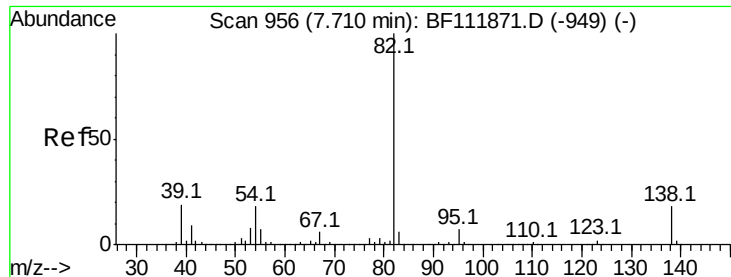
Tot Ion: 82 Resp: 769675
Ion Ratio Lower Upper
82 100
128 43.6 35.7 53.5
54 56.1 45.8 68.8



#24
Nitrobenzene
Concen: 38.451 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Tgt Ion: 77 Resp: 376445
Ion Ratio Lower Upper
77 100
123 50.1 38.1 57.1
65 14.0 11.0 16.4





#25

Isophorone

Concen: 40.521 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

Instrument :

BNA_F

ClientSampleId :

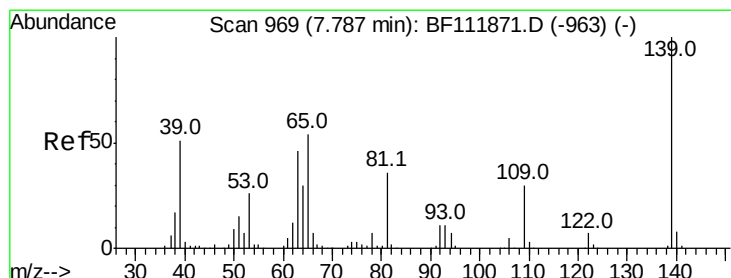
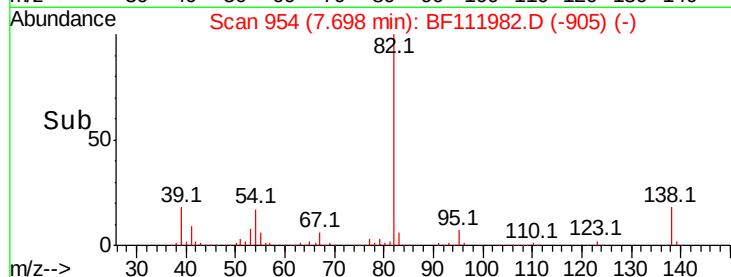
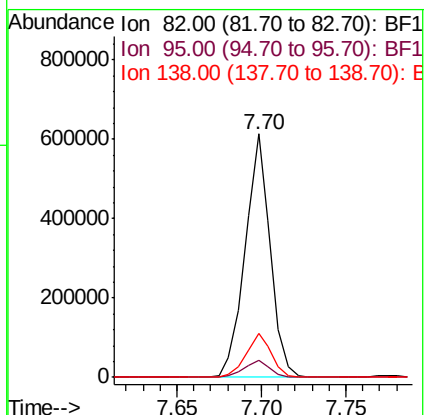
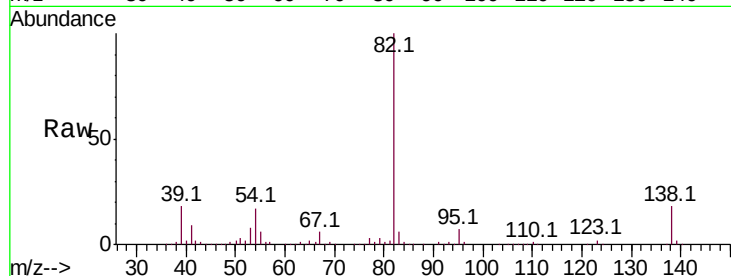
Tot Ion: 82 Resp: 635035

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

138 18.2 14.4 21.6



#26

2-Nitrophenol

Concen: 39.865 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

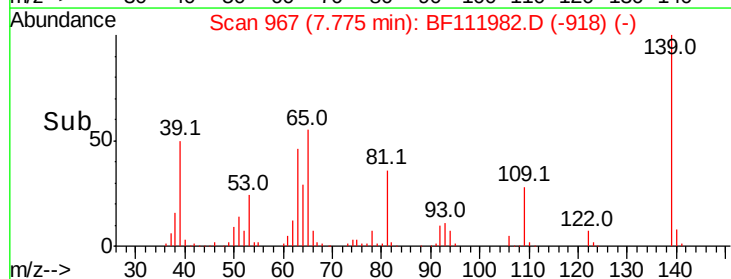
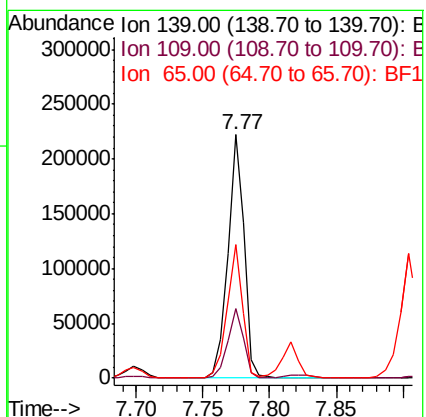
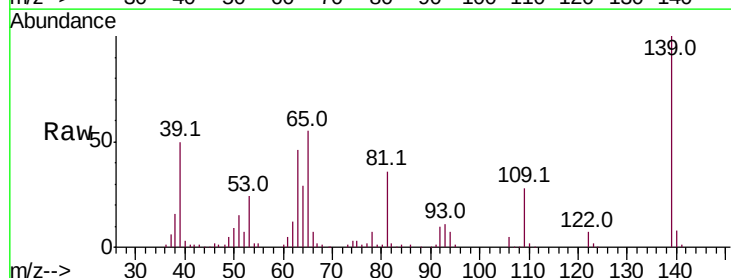
Tgt Ion: 139 Resp: 192171

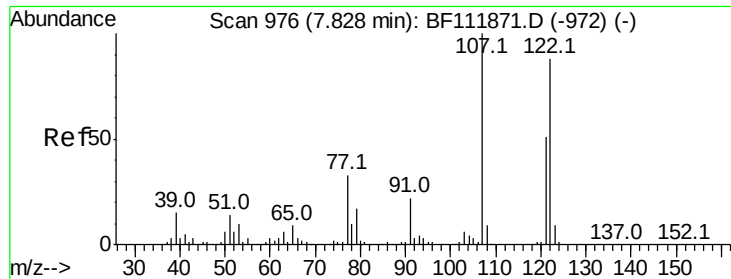
Ion Ratio Lower Upper

139 100

109 28.3 24.1 36.1

65 54.9 43.6 65.4

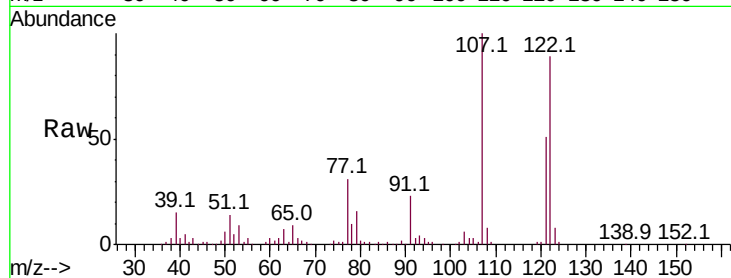




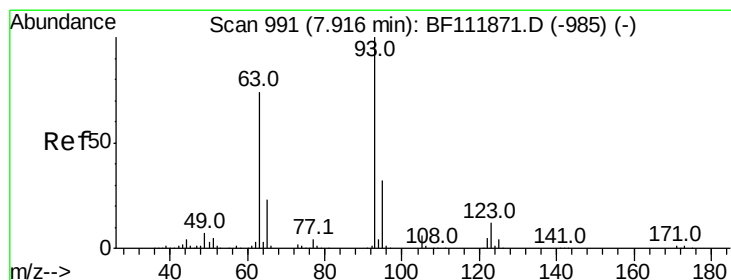
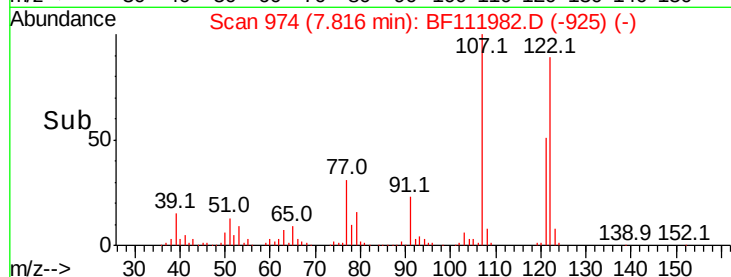
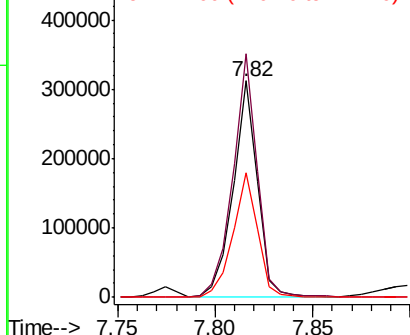
#27
2,4-Dimethylphenol
Concen: 38.299 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 266938
Ion Ratio Lower Upper
122 100
107 112.6 91.0 136.6
121 57.3 46.8 70.2

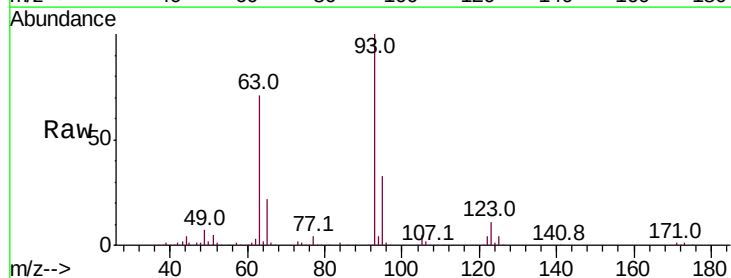


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

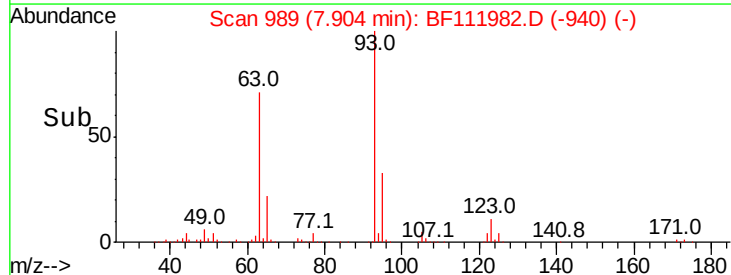
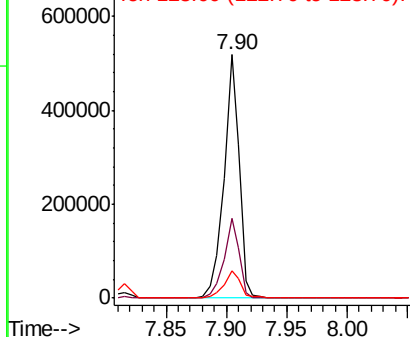


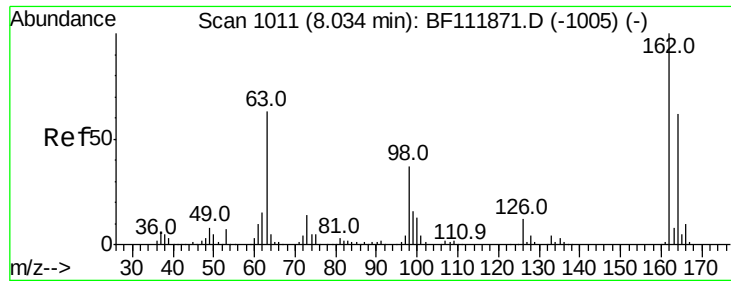
#28
bis(2-Chloroethoxy)methane
Concen: 42.937 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Tgt Ion: 93 Resp: 449159
Ion Ratio Lower Upper
93 100
95 32.8 25.8 38.6
123 11.3 9.5 14.3



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

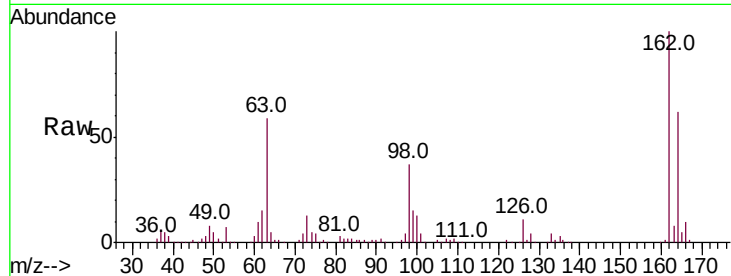




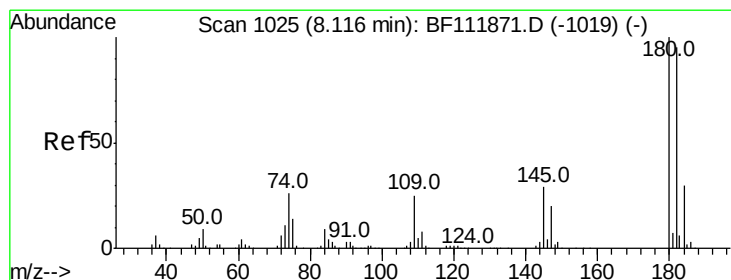
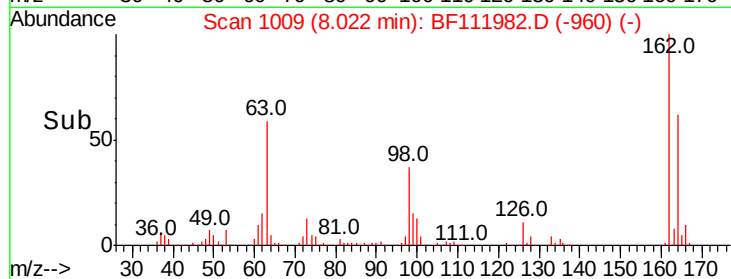
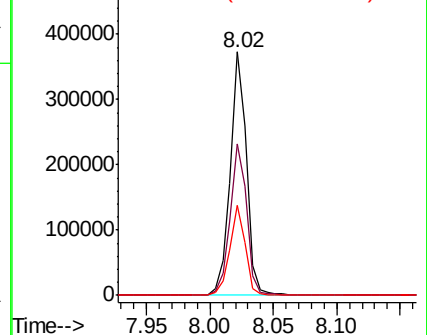
#29
 2,4-Dichlorophenol
 Concen: 41.314 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF111982.D
 Acq: 10 Jan 2019 12:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	42.1	82.1
98	36.9	17.2	57.2

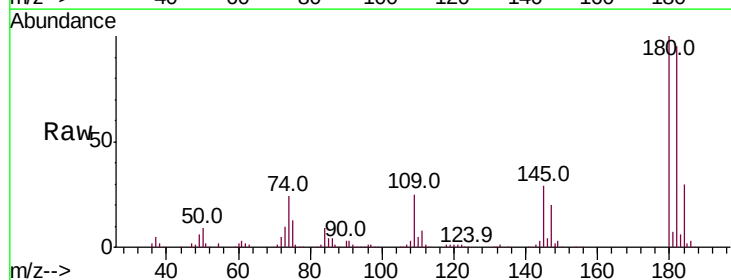


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

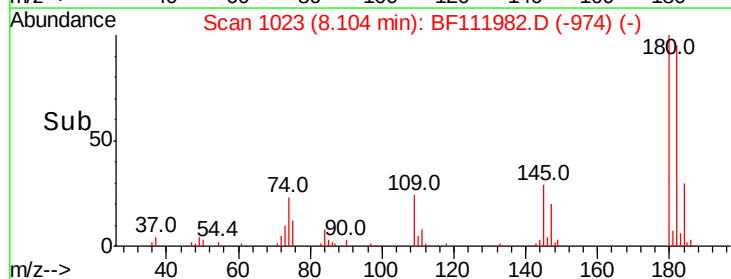
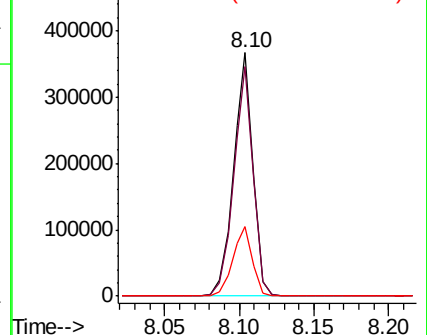


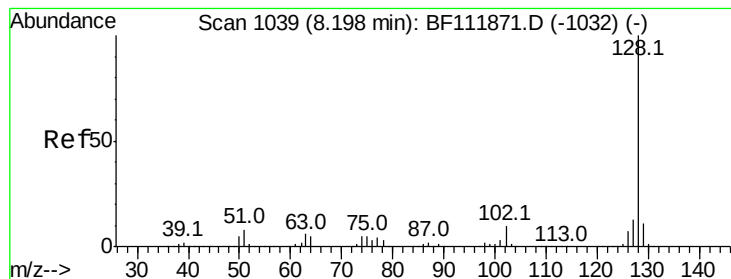
#30
 1,2,4-Trichlorobenzene
 Concen: 37.980 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF111982.D
 Acq: 10 Jan 2019 12:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.2	114.4
145	28.5	23.4	35.2



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





#31

Naphthalene

Concen: 39.328 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

Instrument :

BNA_F

ClientSampleId :

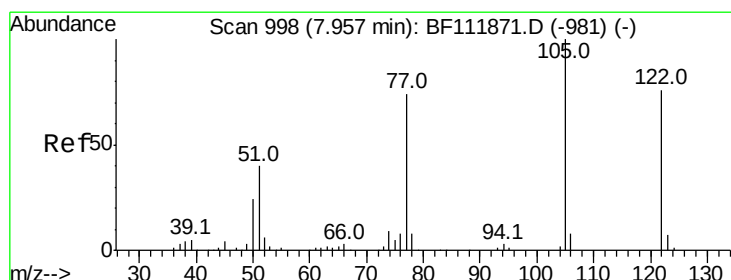
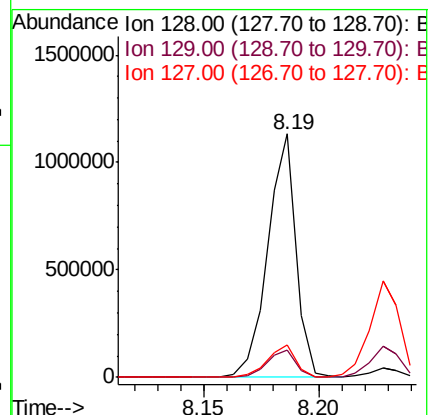
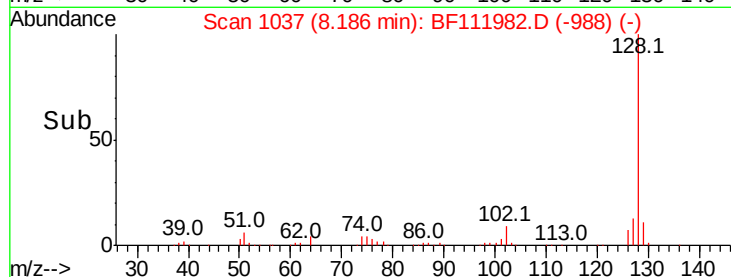
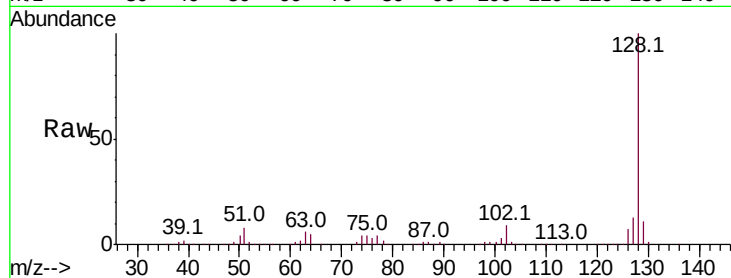
Tot Ion:128 Resp: 965669

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

127 13.3 10.7 16.1



#32

Benzoic acid

Concen: 18.855 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.03 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

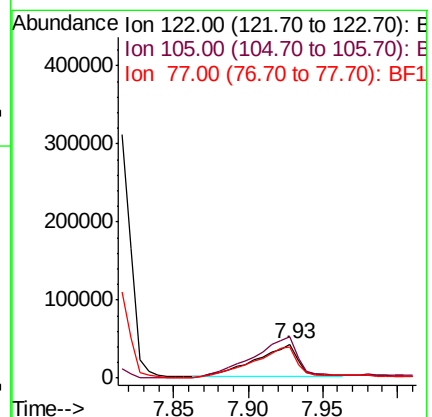
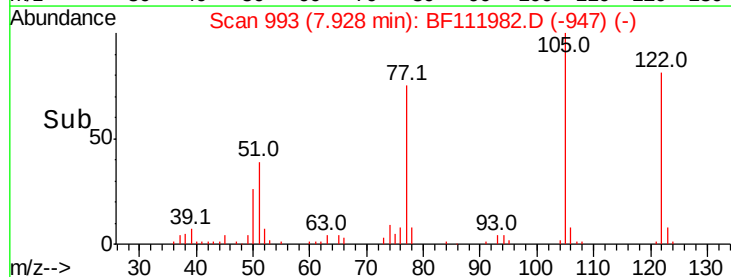
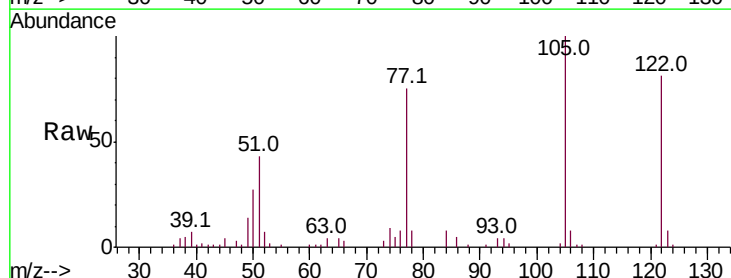
Tgt Ion:122 Resp: 85282

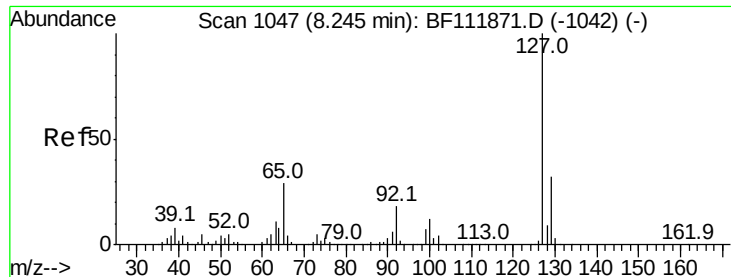
Ion Ratio Lower Upper

122 100

105 124.1 107.9 147.9

77 93.2 76.6 116.6

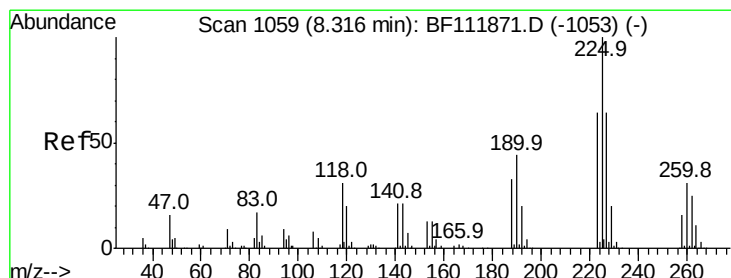
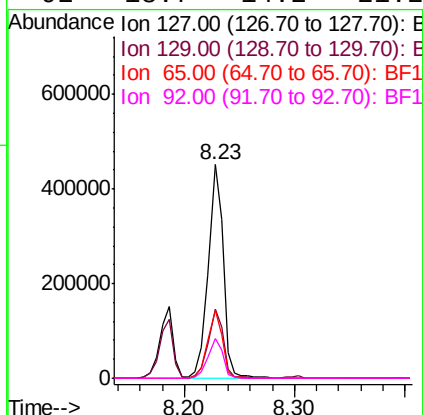
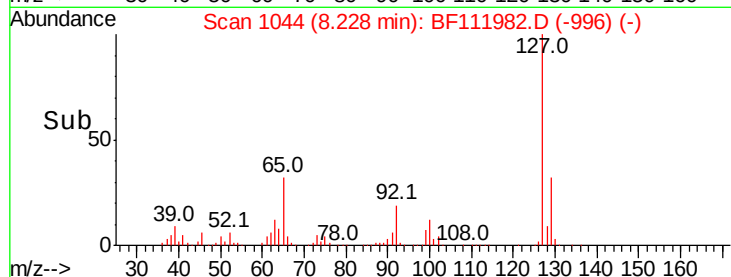
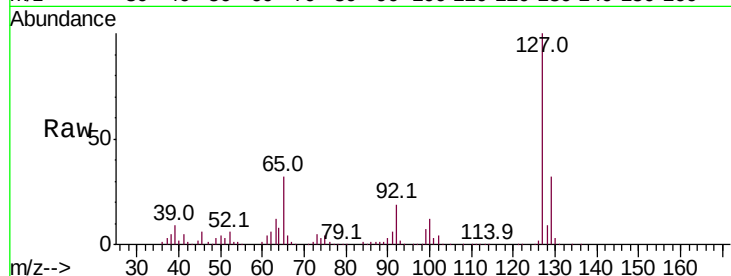




#33
4-Chloroaniline
Concen: 38.993 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

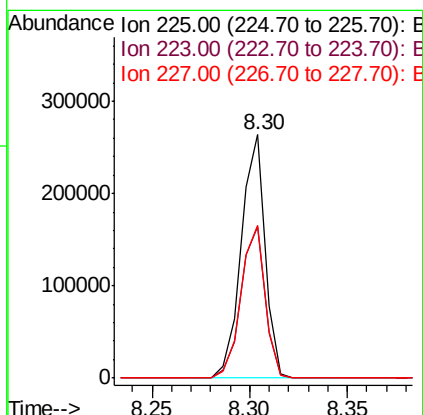
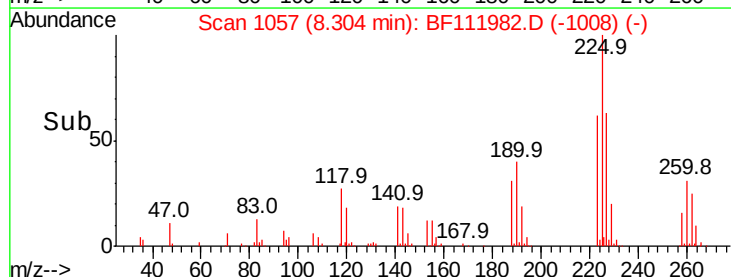
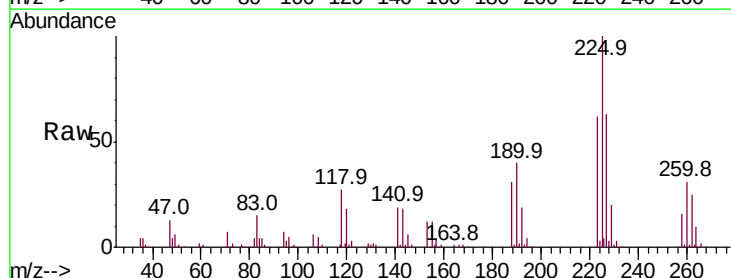
Instrument :
BNA_F
ClientSampleId :

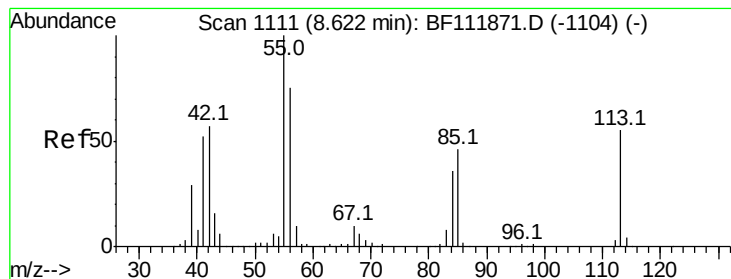
Tot Ion:	127	Resp:	413878
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	31.6	23.5	35.3
92	18.7	14.2	21.2



#34
Hexachlorobutadiene
Concen: 40.523 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Tgt Ion:	225	Resp:	223051
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.9	76.3
227	62.5	51.4	77.0





#35

Caprolactam

Concen: 37.972 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.02 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

Instrument :

BNA_F

ClientSampleId :

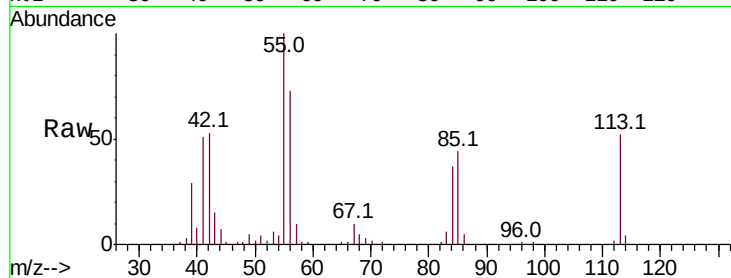
Tot Ion:113 Resp: 99432

Ion Ratio Lower Upper

113 100

55 191.4 162.0 202.0

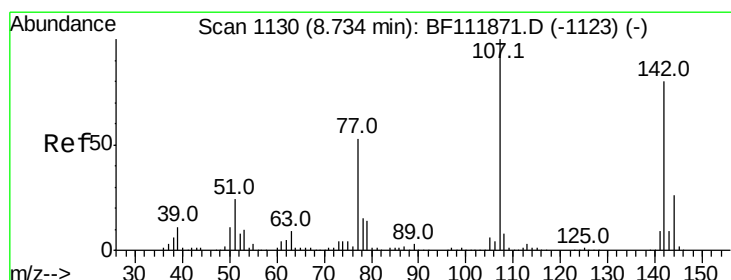
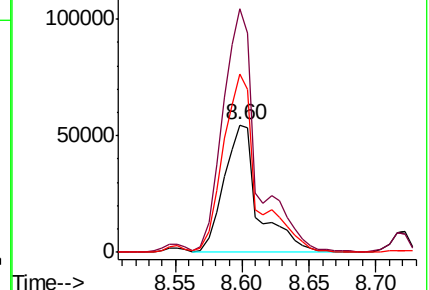
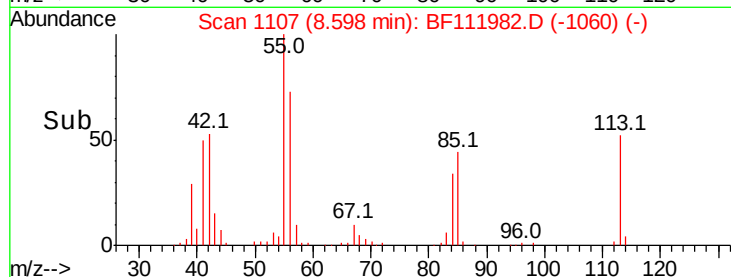
56 140.2 116.0 156.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.168 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.02 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

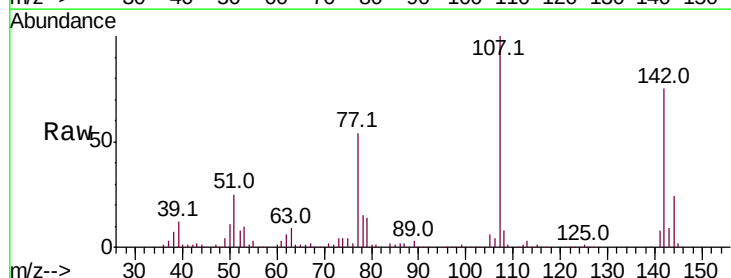
Tgt Ion:107 Resp: 304151

Ion Ratio Lower Upper

107 100

144 24.3 20.7 31.1

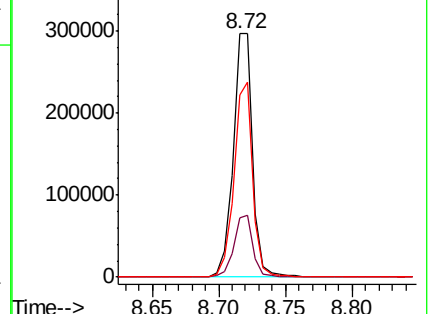
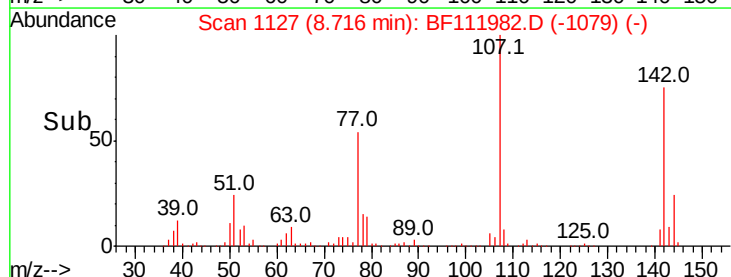
142 74.8 63.9 95.9

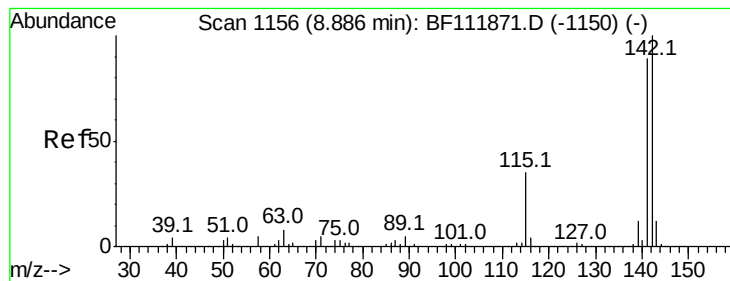


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

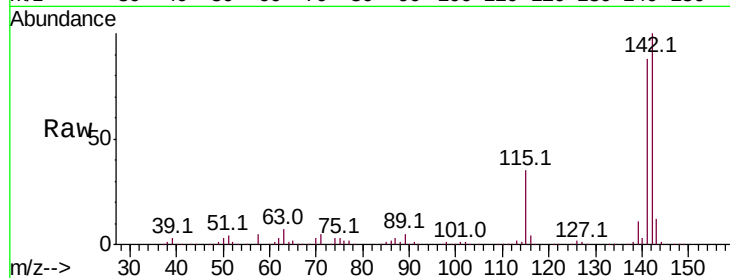




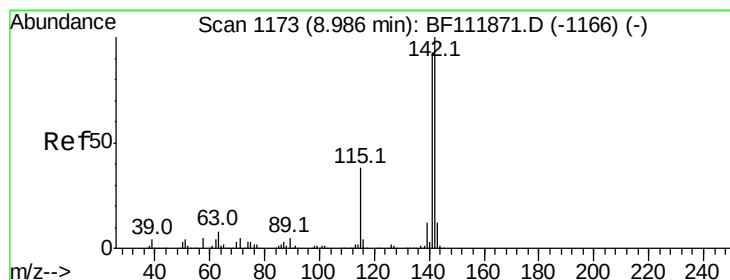
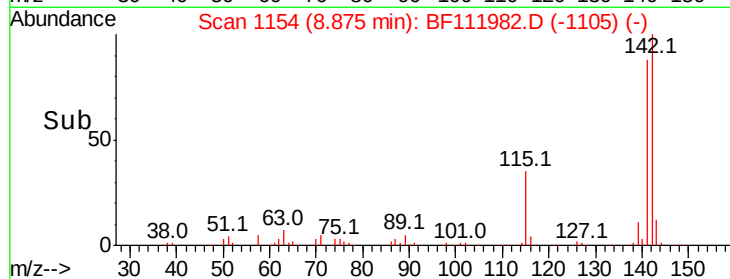
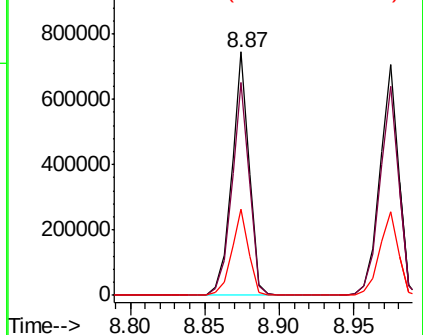
#37
 2-Methylnaphthalene
 Concen: 40.144 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF111982.D
 Acq: 10 Jan 2019 12:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.4	107.2
115	35.2	28.3	42.5

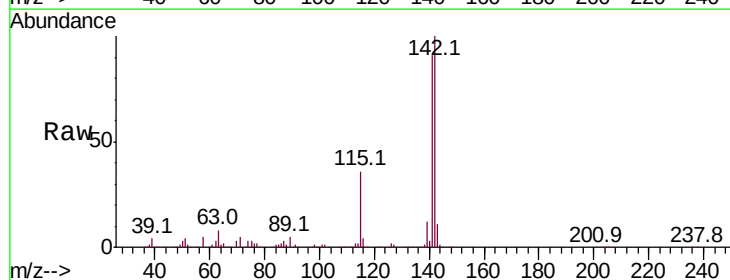


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

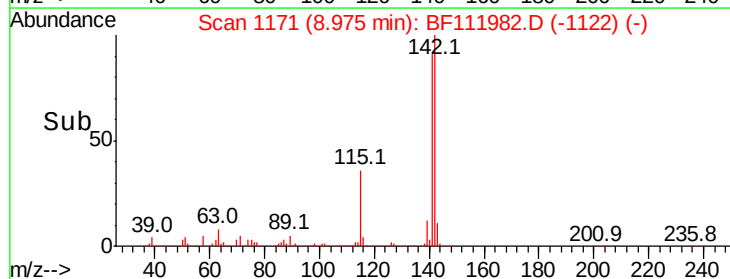
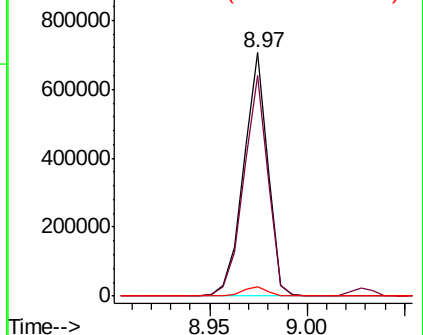


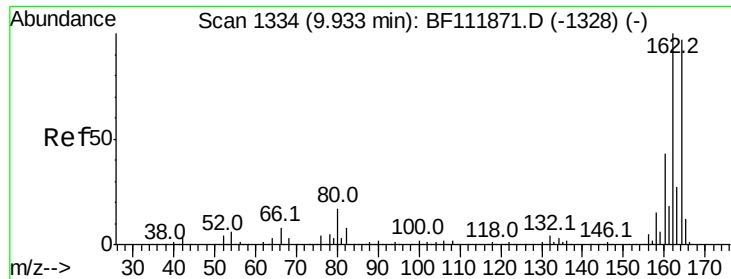
#38
 1-Methylnaphthalene
 Concen: 41.087 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF111982.D
 Acq: 10 Jan 2019 12:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.8	112.2
116	3.8	3.1	4.7



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

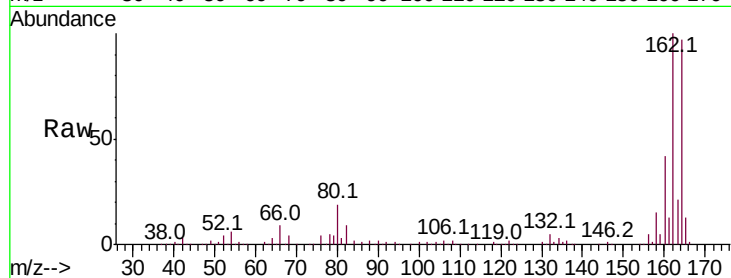




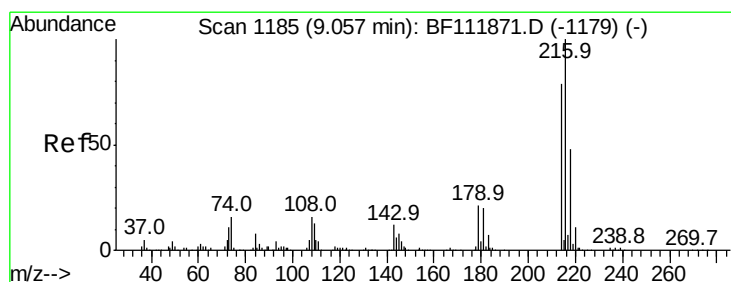
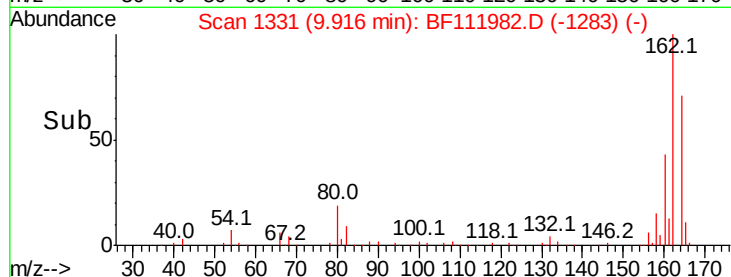
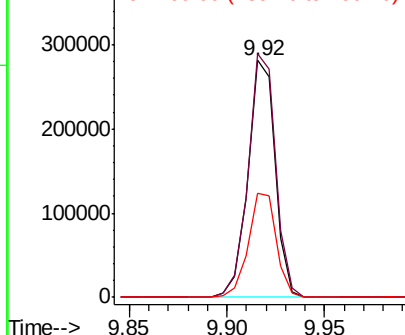
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 271438
Ion Ratio Lower Upper
164 100
162 102.7 82.2 123.2
160 43.6 35.5 53.3

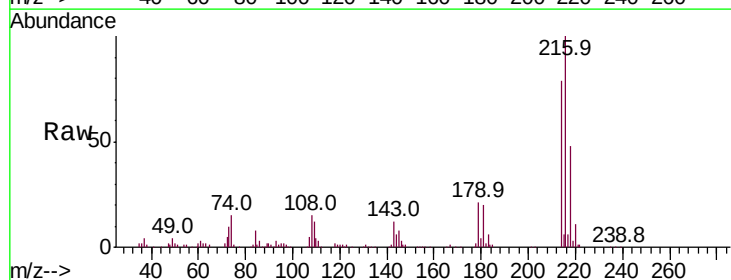


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

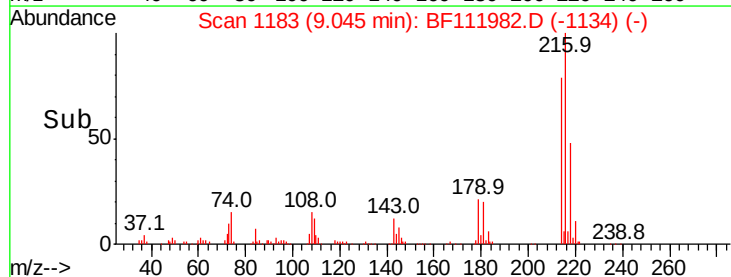
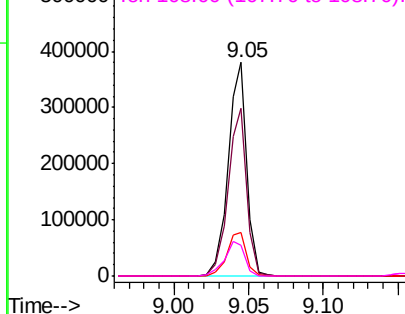


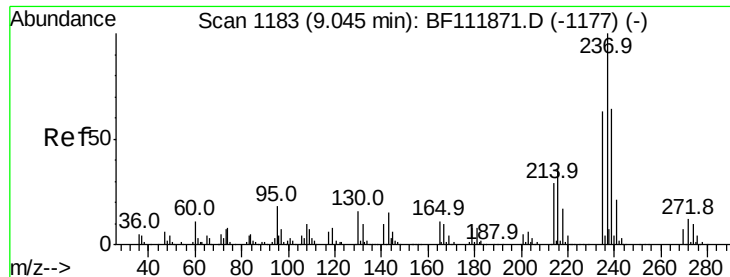
#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.814 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Tgt Ion:216 Resp: 335876
Ion Ratio Lower Upper
216 100
214 78.6 63.5 95.3
179 21.3 17.0 25.6
108 17.9 14.6 22.0



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

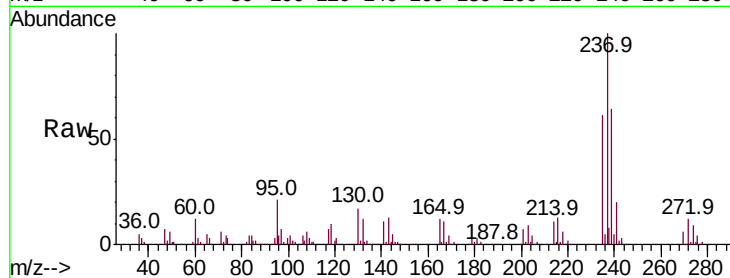




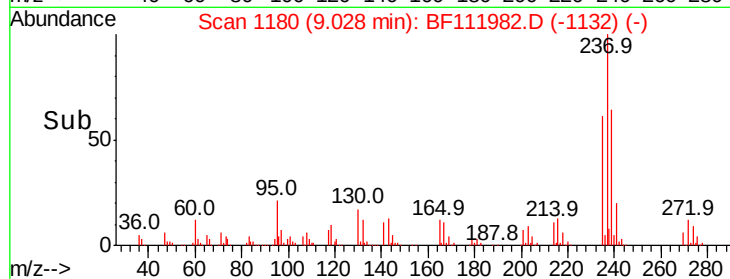
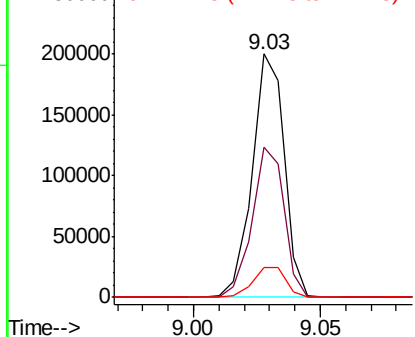
#41
Hexachlorocyclopentadiene
Concen: 35.255 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.4	42.6	82.6
272	12.0	0.0	32.3

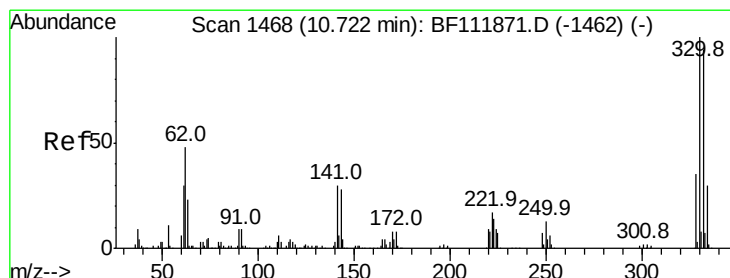


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

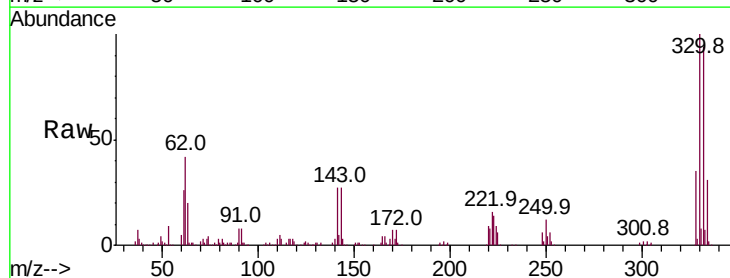
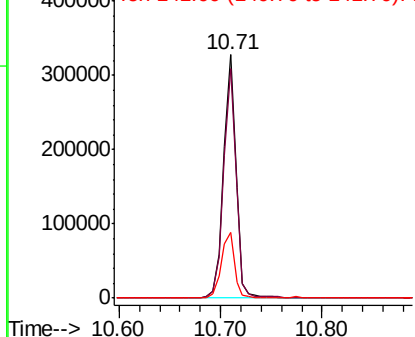


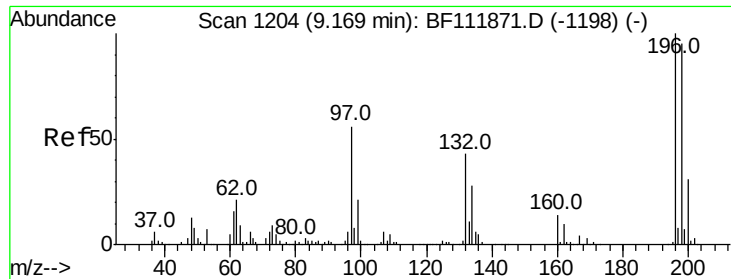
#42
2,4,6-Tribromophenol
Concen: 79.448 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.9	115.3
141	28.7	23.7	35.5



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

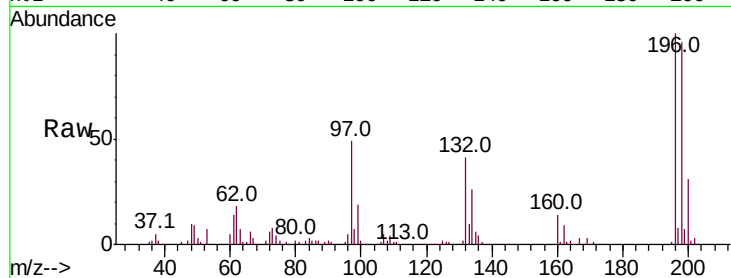




#43
 2,4,6-Trichlorophenol
 Concen: 42.890 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF111982.D
 Acq: 10 Jan 2019 12:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.8	113.8
200	30.7	24.5	36.7

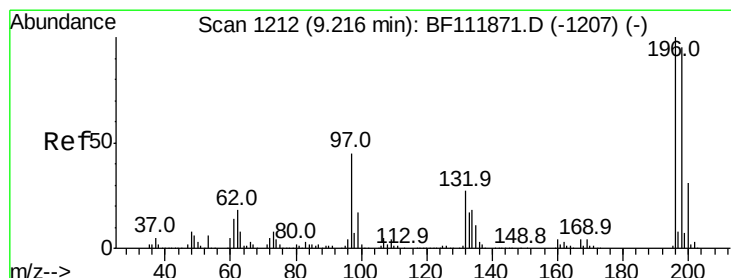
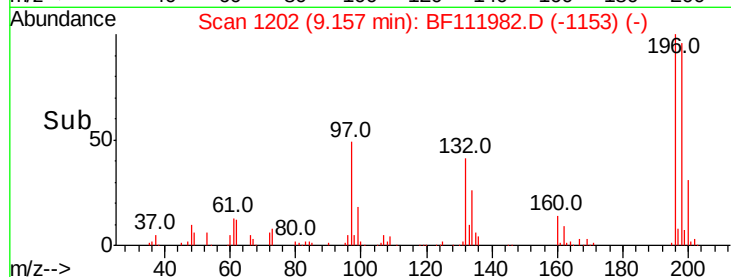
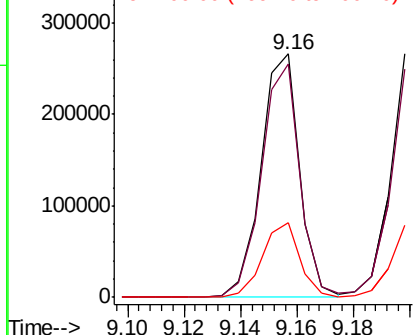


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.740 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF111982.D
 Acq: 10 Jan 2019 12:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	76.2	114.2
97	51.3	36.4	54.6
132	28.6	21.7	32.5

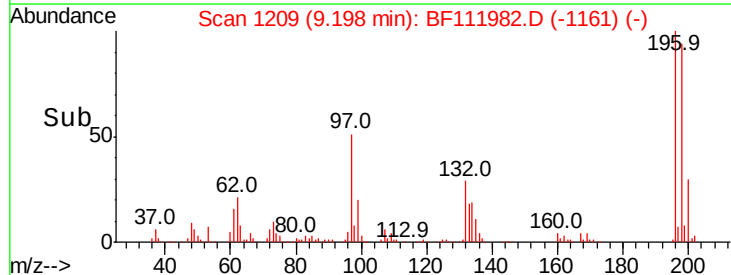
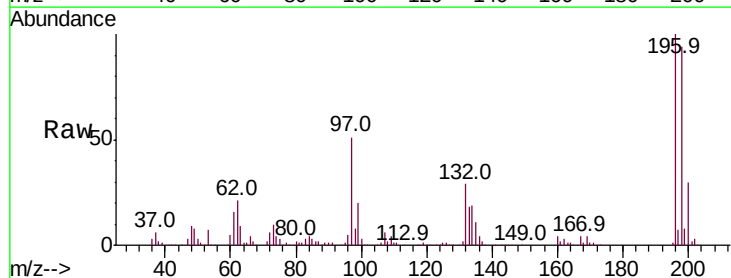
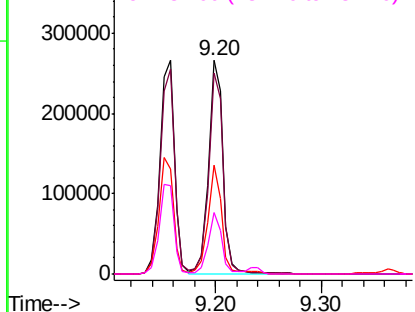
Abundance

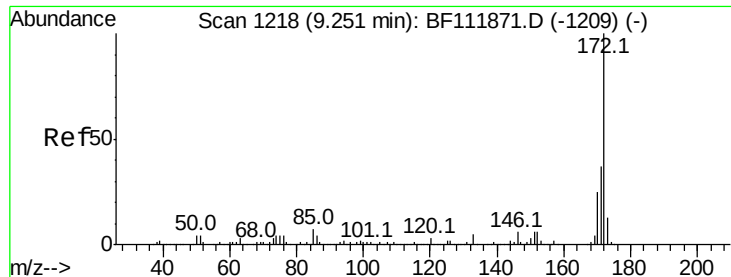
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

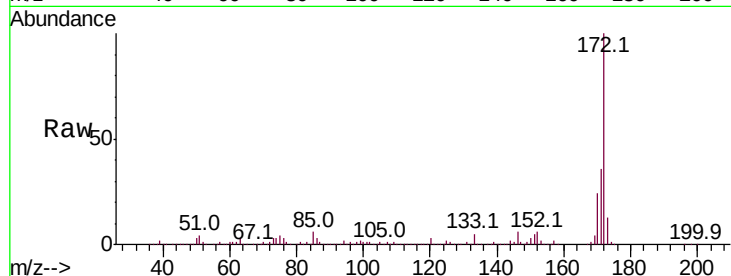




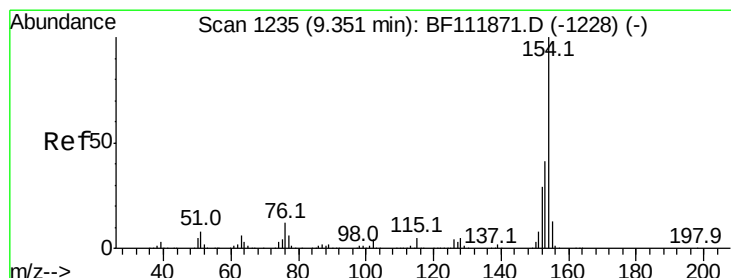
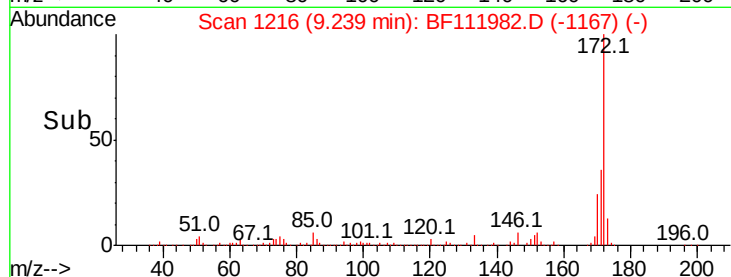
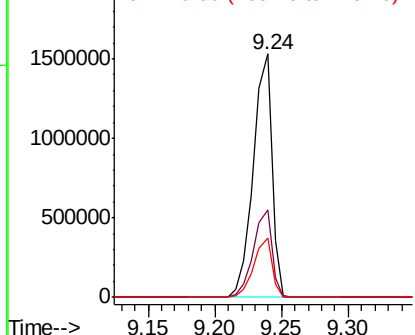
#45
2-Fluorobiphenyl
Concen: 78.810 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1467022
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 24.3 19.8 29.8

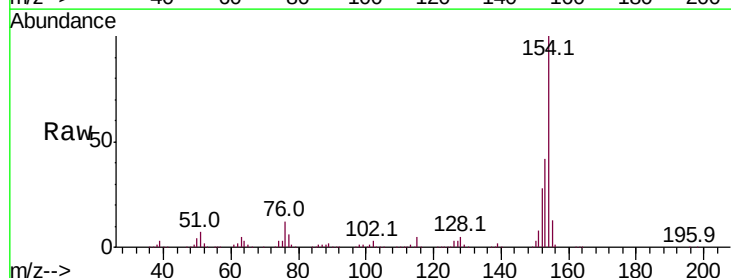


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

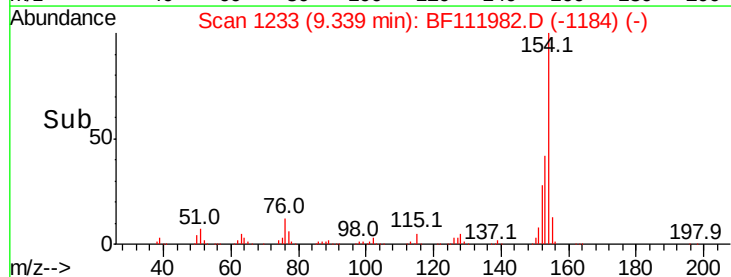
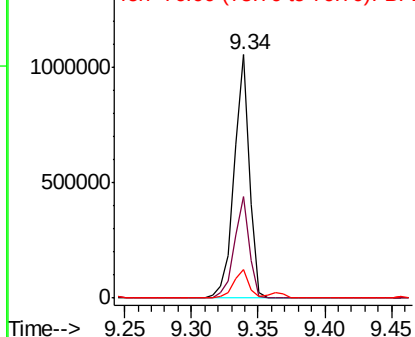


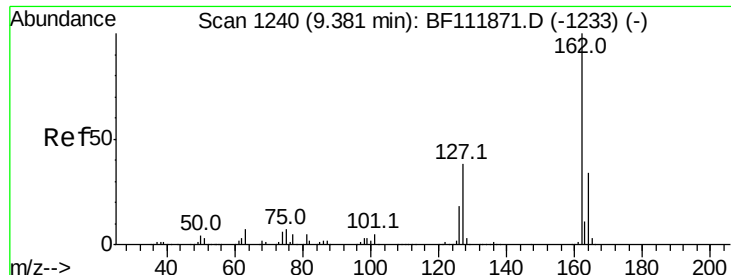
#46
1,1'-Biphenyl
Concen: 37.570 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Tgt Ion:154 Resp: 853052
Ion Ratio Lower Upper
154 100
153 41.9 21.3 61.3
76 11.5 0.0 32.3



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

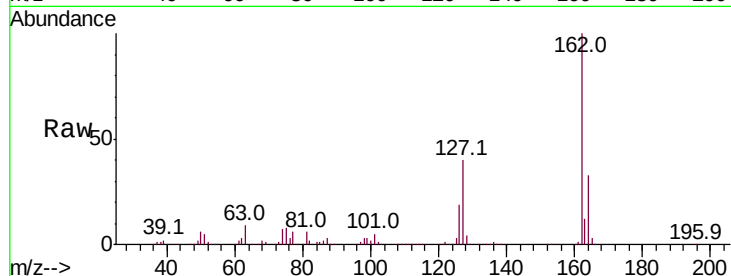




#47
2-Chloronaphthalene
Concen: 41.092 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	31.2	46.8
164	33.4	27.0	40.6

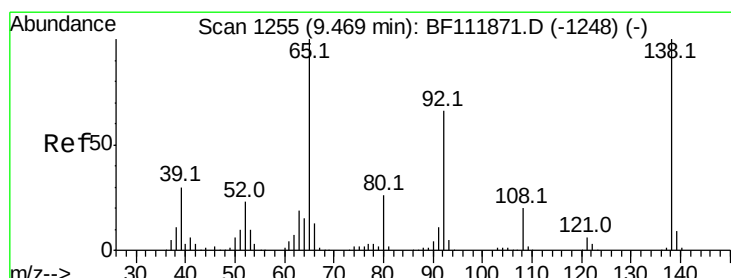
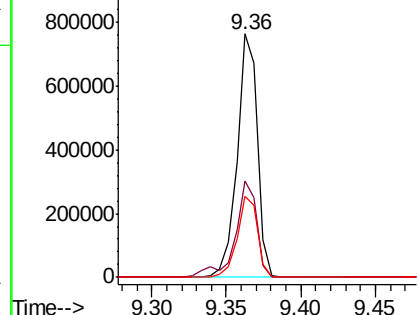
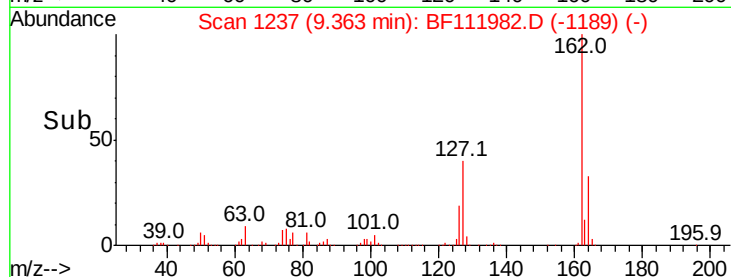


Abundance

Ion 162.00 (161.70 to 162.70): E

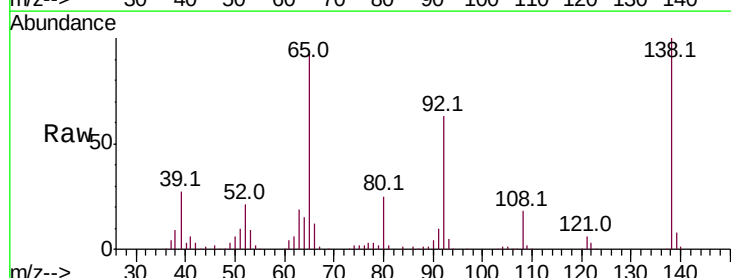
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 37.400 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	52.5	78.7
138	107.6	79.8	119.6

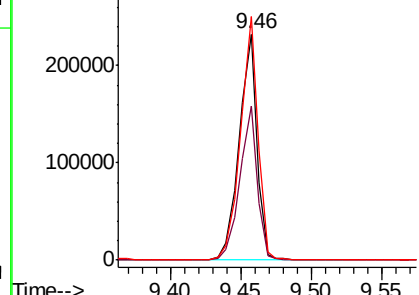
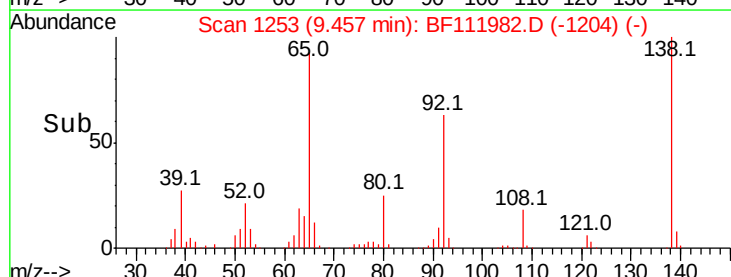


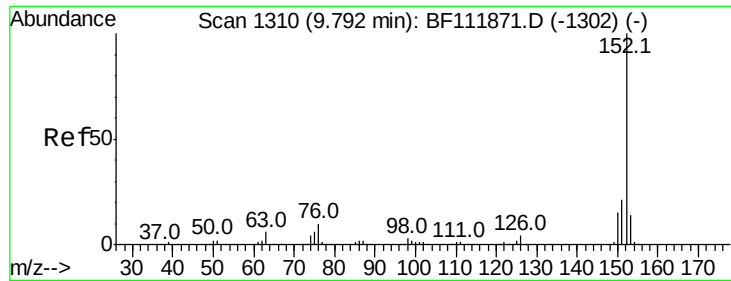
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.713 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

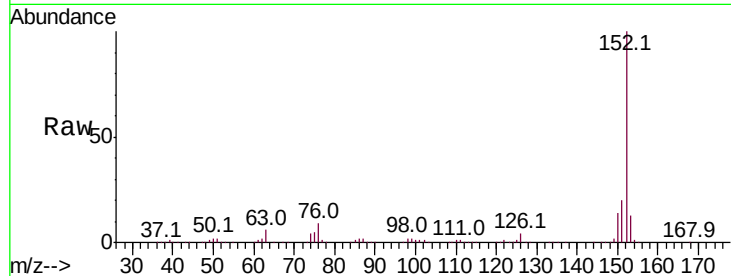
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1072614

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.6	25.0
153	13.3	11.0	16.4

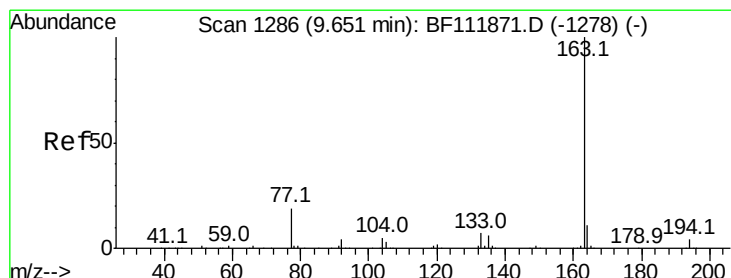
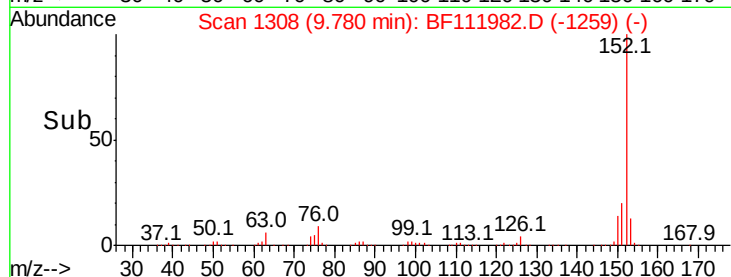
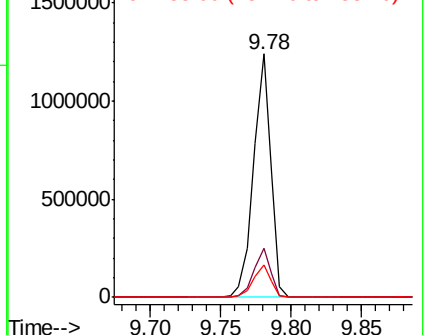


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.521 ng

RT: 9.64 min Scan# 1284

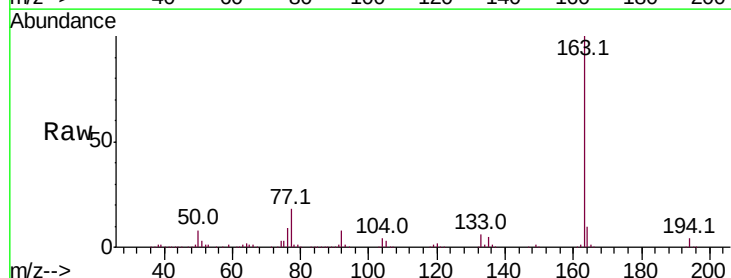
Delta R.T. -0.01 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

Tgt Ion:163 Resp: 805854

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.3	8.5	12.7

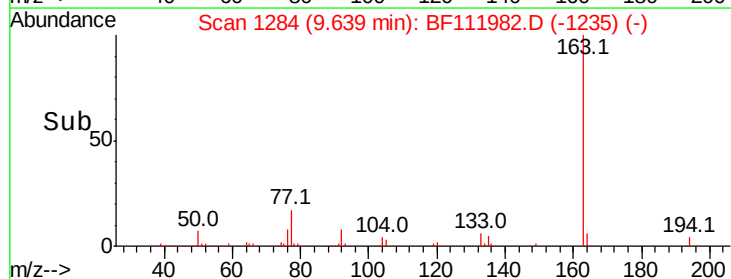
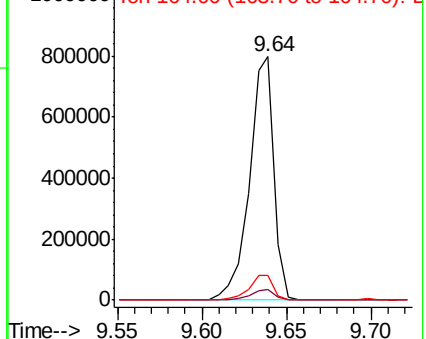


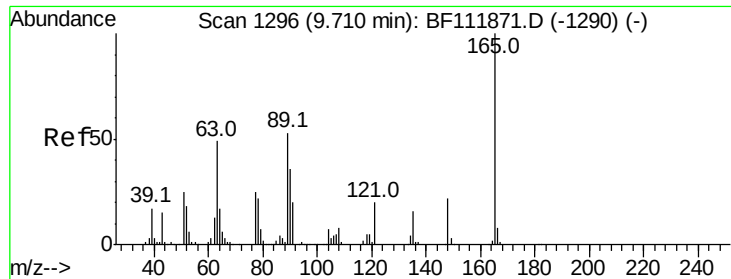
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

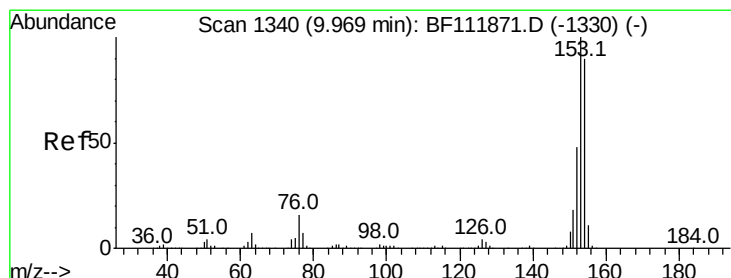
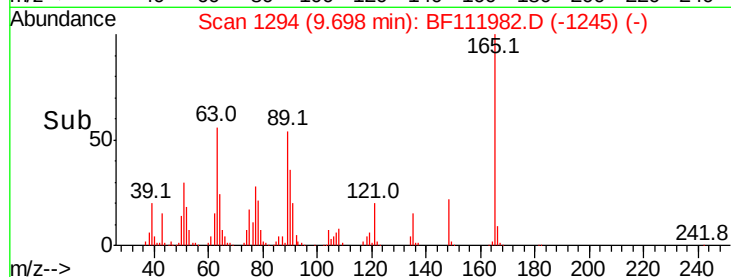
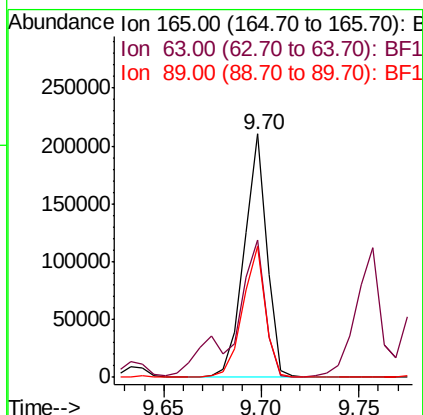
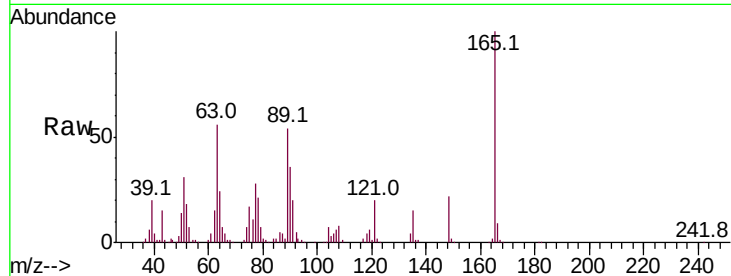




#51
 2,6-Dinitrotoluene
 Concen: 37.233 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF111982.D
 Acq: 10 Jan 2019 12:51

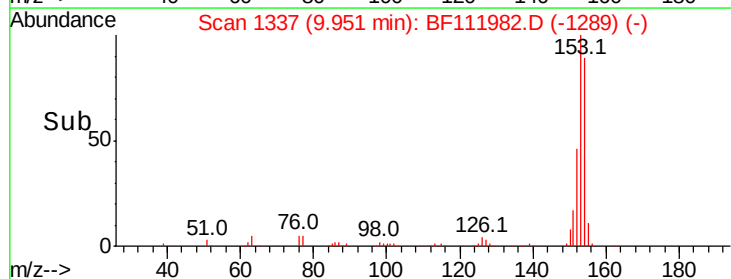
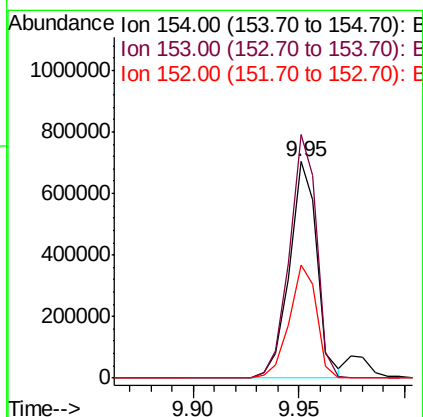
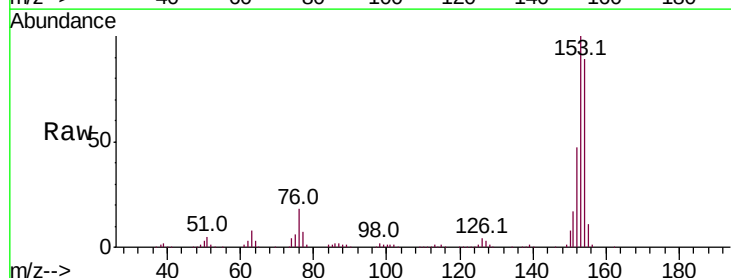
Instrument :
 BNA_F
 ClientSampled :

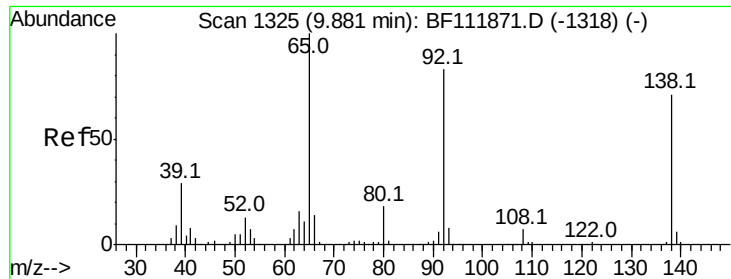
Tot Ion:165 Resp: 169775
 Ion Ratio Lower Upper
 165 100
 63 56.5 46.2 69.2
 89 54.0 42.2 63.2



#52
 Acenaphthene
 Concen: 37.780 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.02 min
 Lab File: BF111982.D
 Acq: 10 Jan 2019 12:51

Tgt Ion:154 Resp: 641656
 Ion Ratio Lower Upper
 154 100
 153 112.5 89.4 134.0
 152 52.5 43.1 64.7

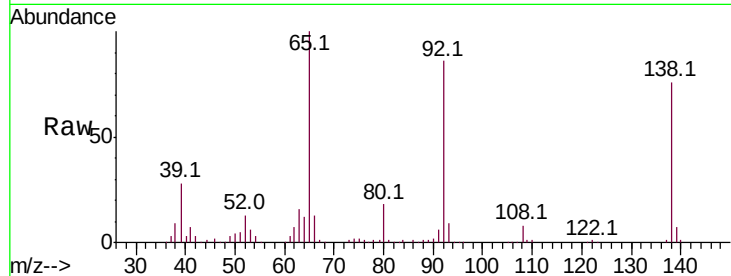




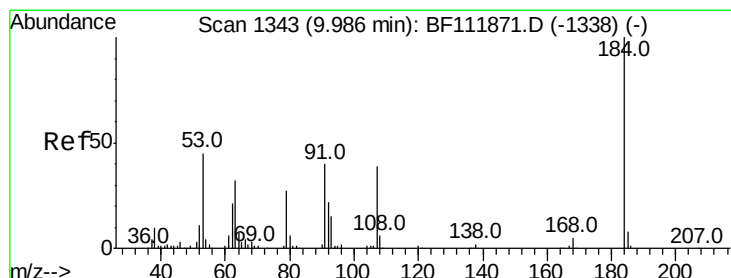
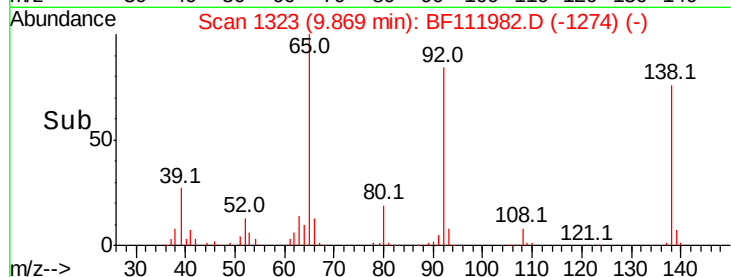
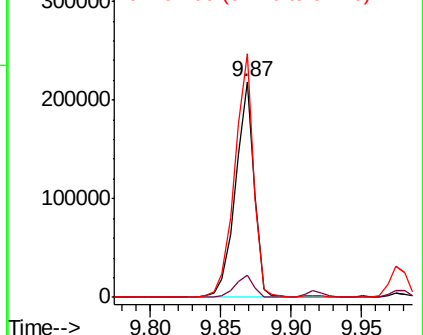
#53
3-Nitroaniline
Concen: 41.136 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 200870
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.4
92 112.8 93.5 140.3

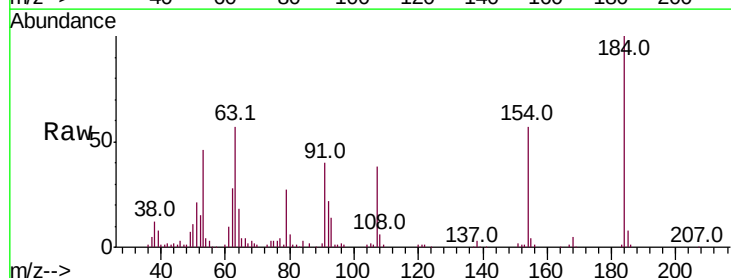


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

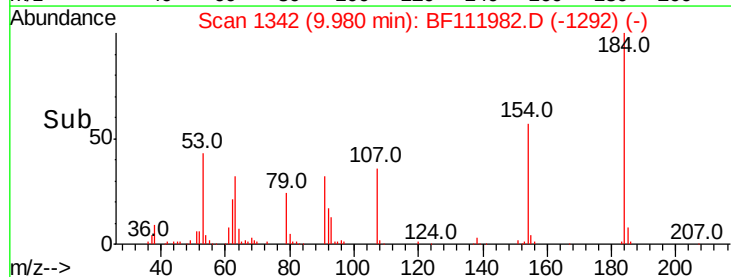
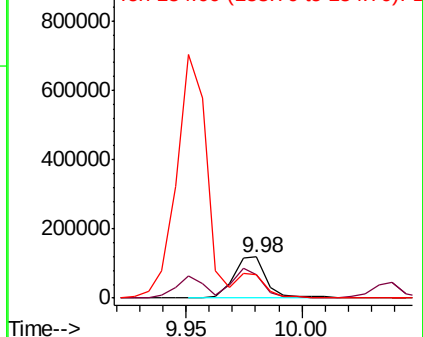


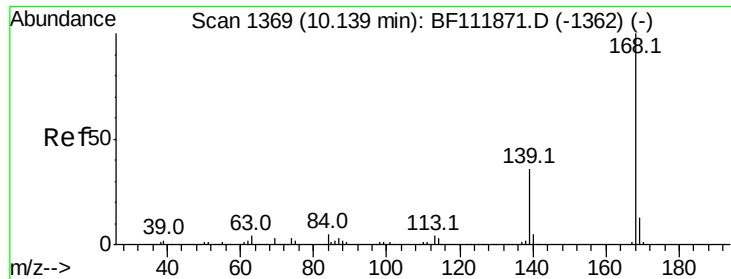
#54
2,4-Dinitrophenol
Concen: 61.292 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Tgt Ion:184 Resp: 118341
Ion Ratio Lower Upper
184 100
63 56.7 46.9 70.3
154 57.5 46.9 70.3



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

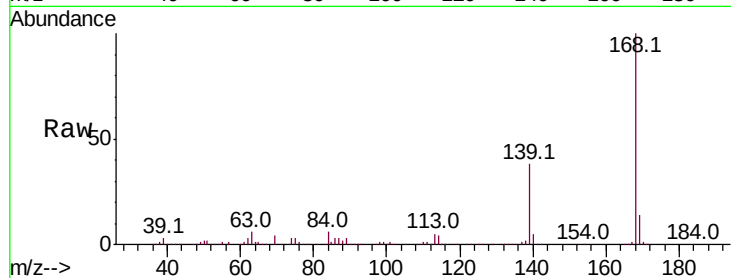




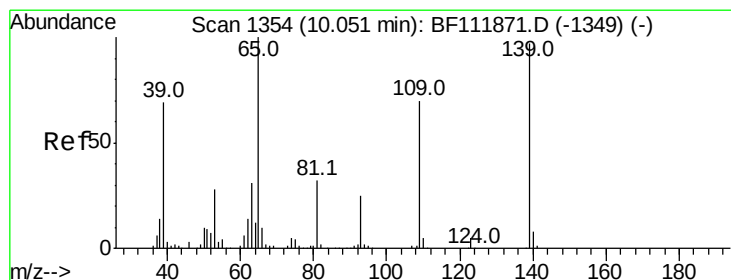
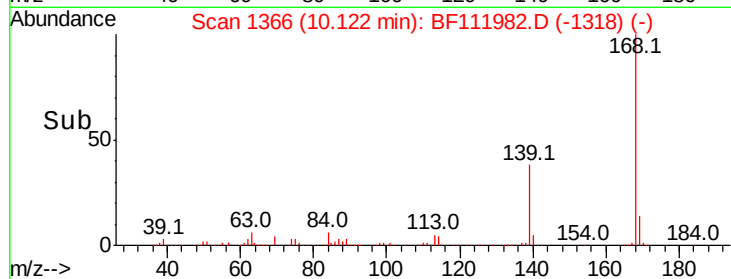
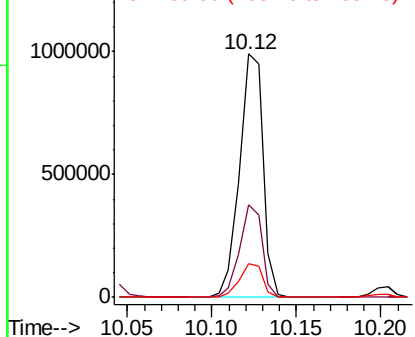
#55
Dibenzofuran
Concen: 38.979 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.02 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 962803
Ion Ratio Lower Upper
168 100
139 38.0 29.3 43.9
169 13.9 10.6 16.0

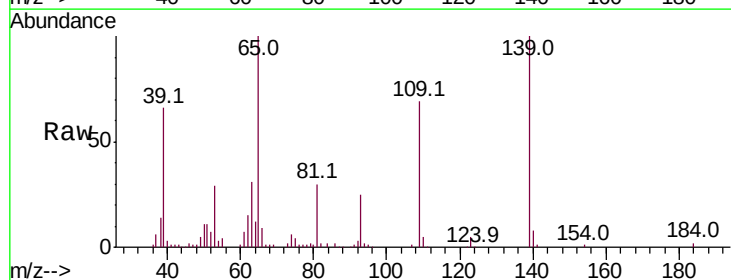


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

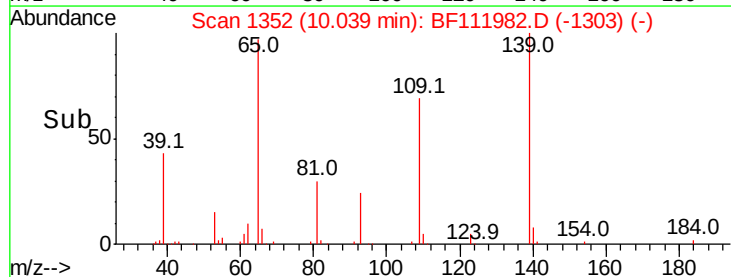
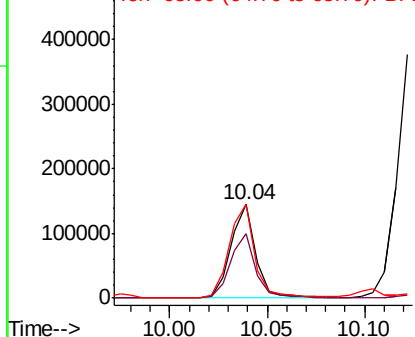


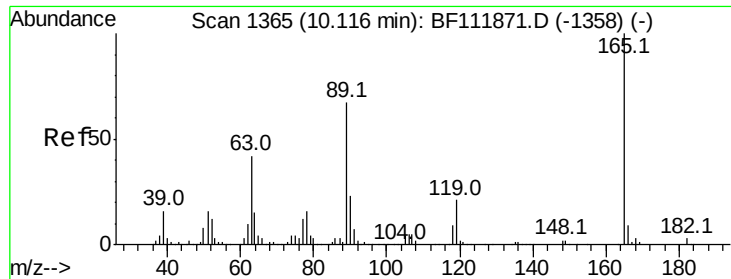
#56
4-Nitrophenol
Concen: 37.416 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Tgt Ion:139 Resp: 129095
Ion Ratio Lower Upper
139 100
109 69.2 52.2 92.2
65 100.2 83.1 123.1



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

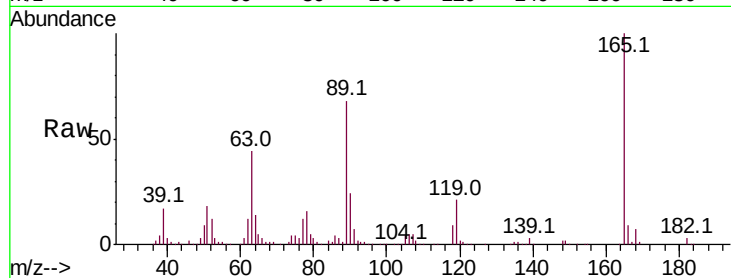




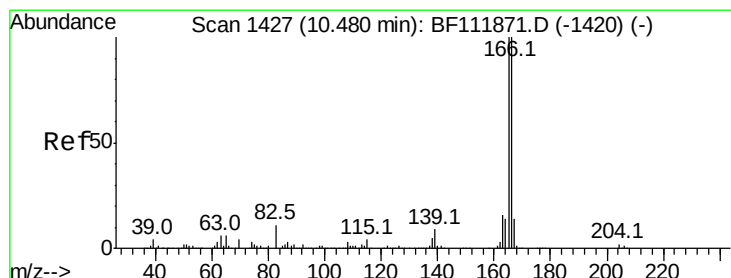
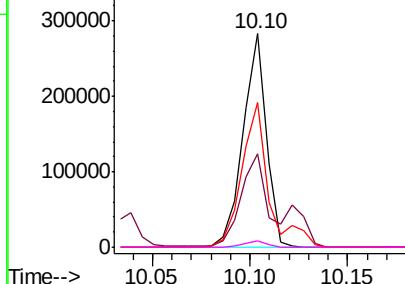
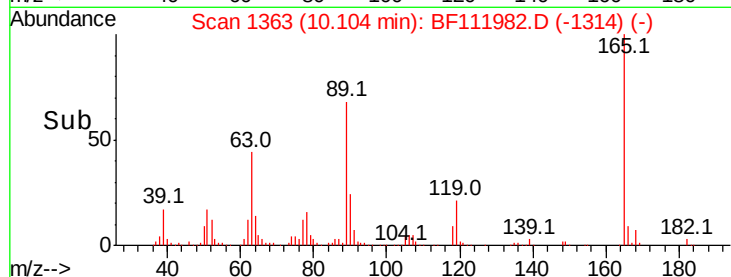
#57
2,4-Dinitrotoluene
Concen: 39.729 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp: 234079
Ion Ratio	Lower Upper
165 100	
63 43.8	34.1 51.1
89 67.6	53.5 80.3
182 2.9	2.0 3.0

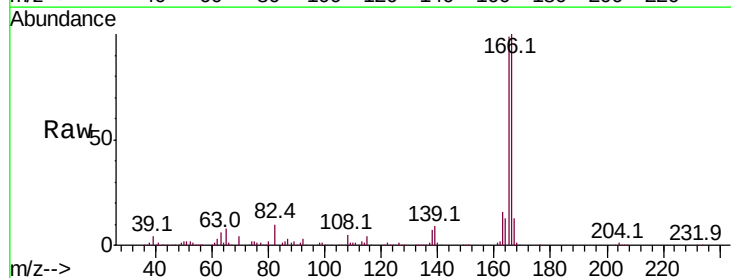


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

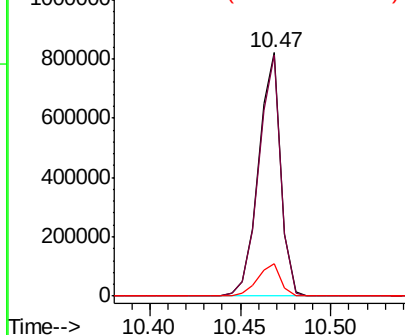
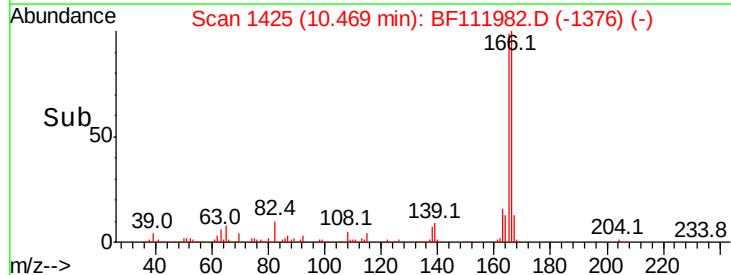


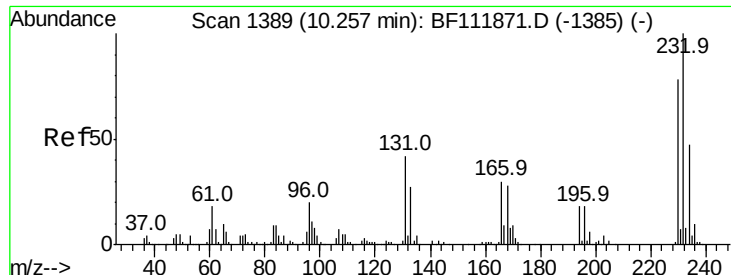
#58
Fluorene
Concen: 38.942 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Tgt	Ion:166	Resp:	699912
Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.7	119.5
167	13.2	11.1	16.7



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

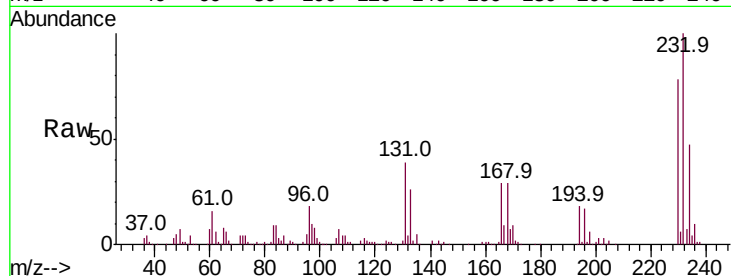




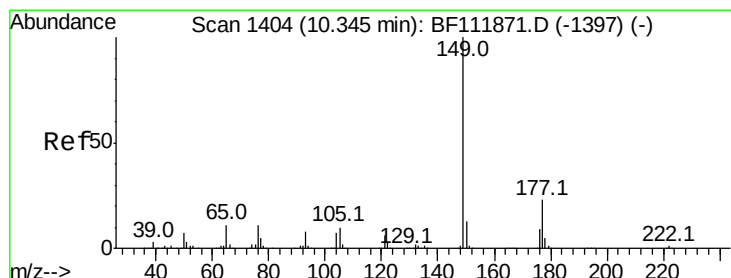
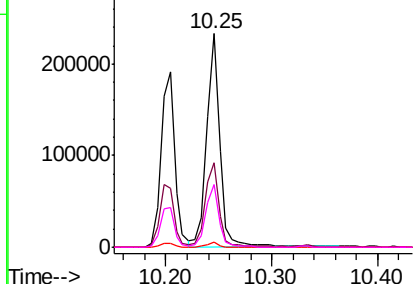
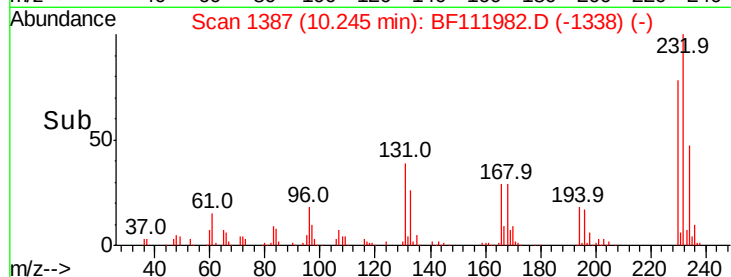
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.929 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF111982.D
 Acq: 10 Jan 2019 12:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	201705
Ion	Ratio	Lower	Upper
232	100		
131	40.6	34.0	51.0
130	2.0	1.6	2.4
166	29.0	23.4	35.0

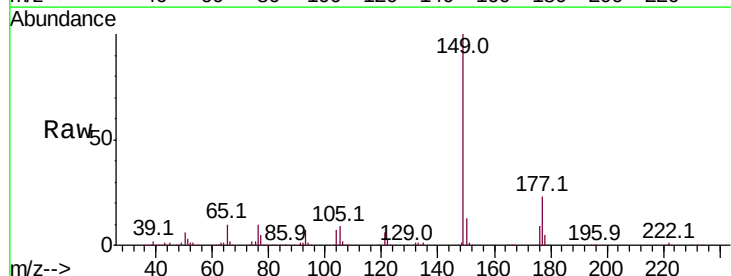


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

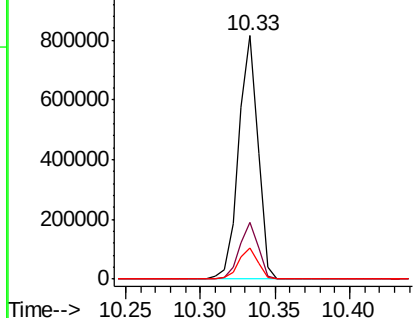
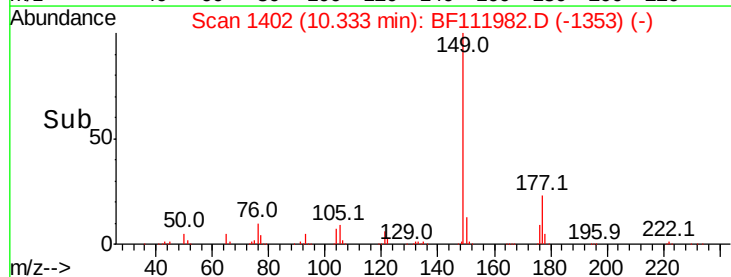


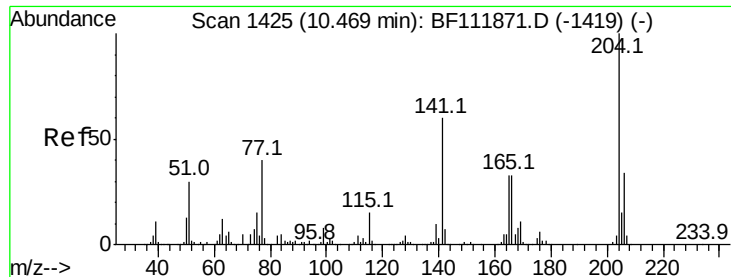
#60
 Diethylphthalate
 Concen: 37.283 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF111982.D
 Acq: 10 Jan 2019 12:51

Tgt Ion:	149	Resp:	735705
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	12.7	10.2	15.4



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

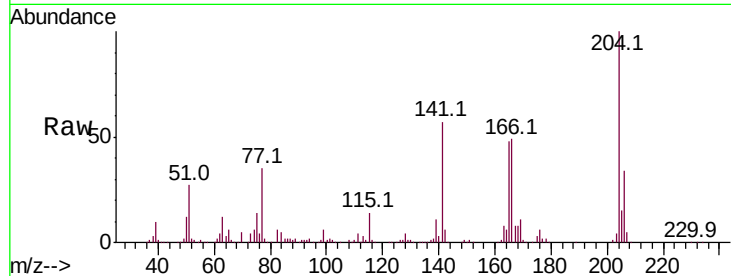




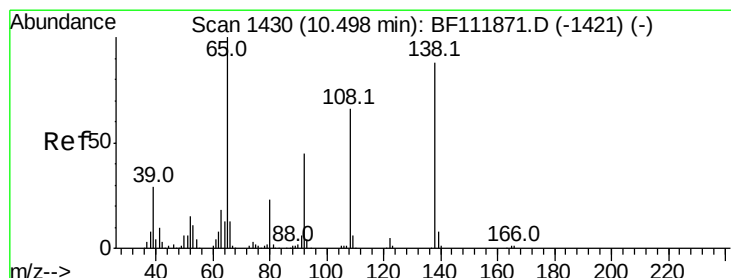
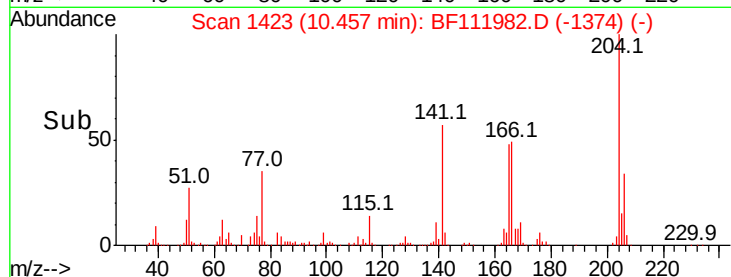
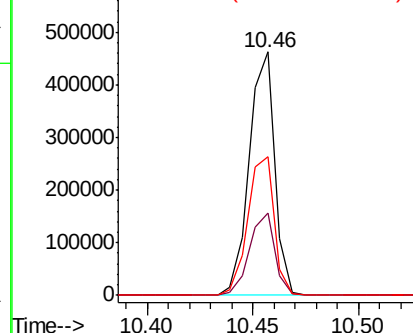
#61
4-Chlorophenyl-phenylether
Concen: 38.513 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 388164
Ion Ratio Lower Upper
204 100
206 34.0 26.9 40.3
141 56.8 47.9 71.9

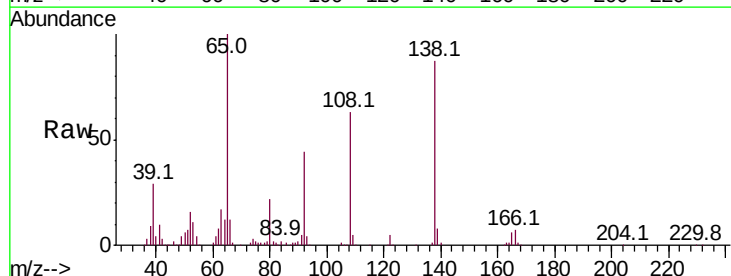


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

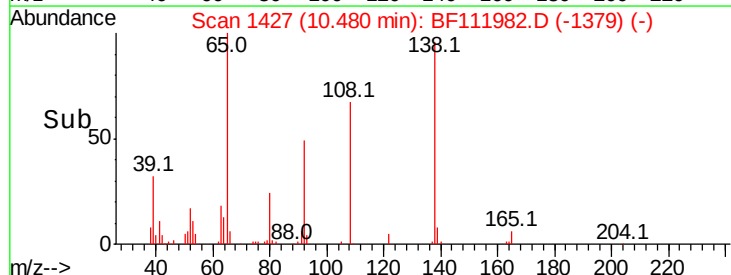
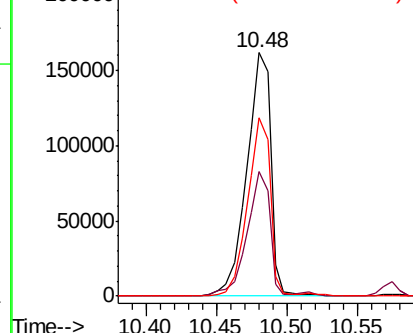


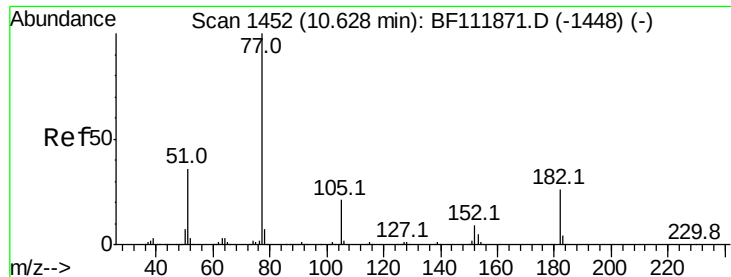
#62
4-Nitroaniline
Concen: 41.643 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.02 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Tgt Ion:138 Resp: 192874
Ion Ratio Lower Upper
138 100
92 50.9 31.0 71.0
108 73.3 54.7 94.7



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





#63

Azobenzene

Concen: 41.444 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 781240

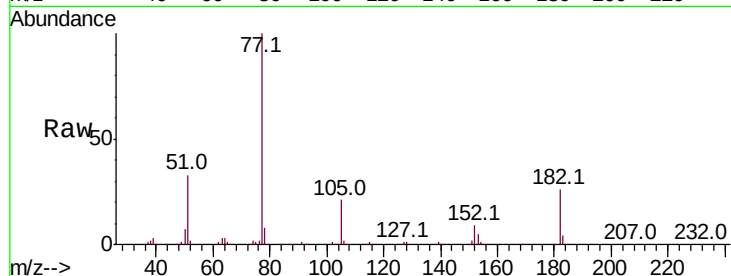
Ion Ratio Lower Upper

77 100

182 26.2 5.7 45.7

105 21.0 0.8 40.8

51 33.0 15.6 55.6

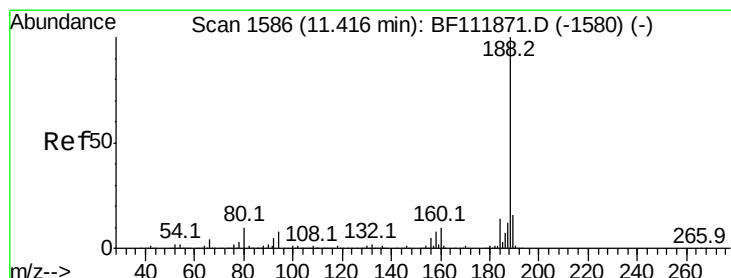
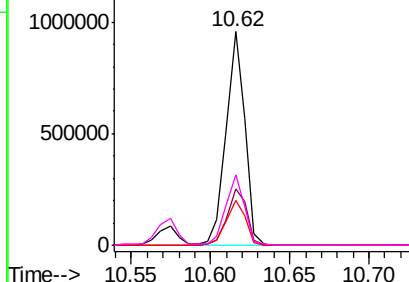
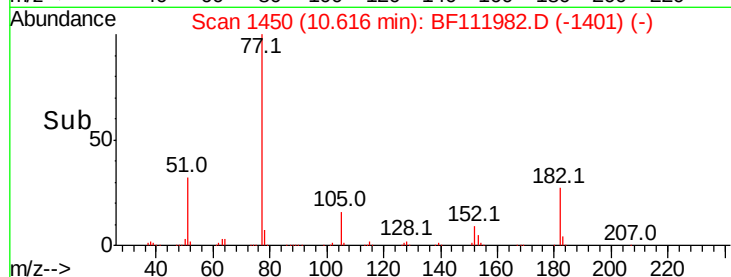


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

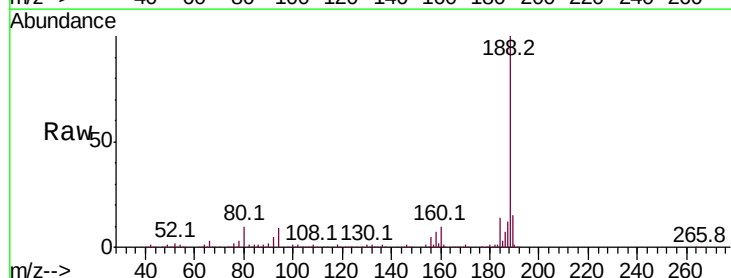
Tgt Ion: 188 Resp: 504172

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

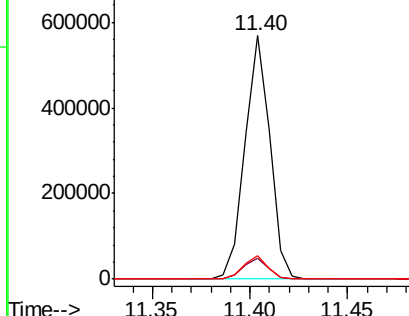
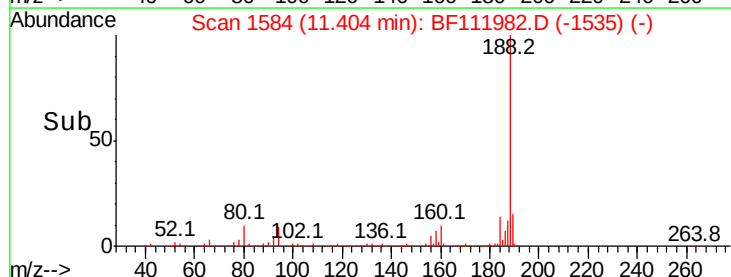
80 9.5 7.7 11.5

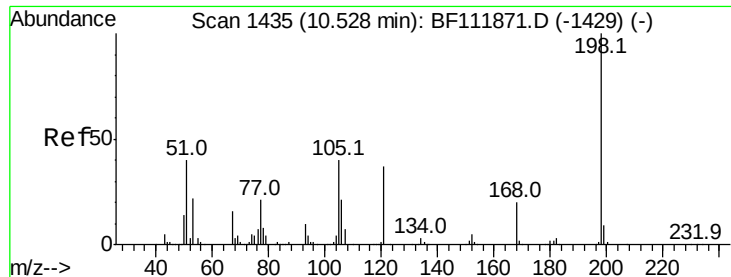


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

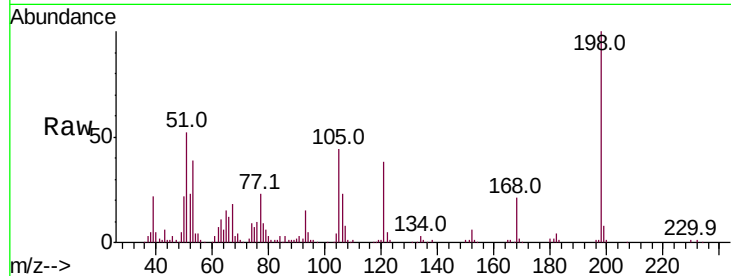




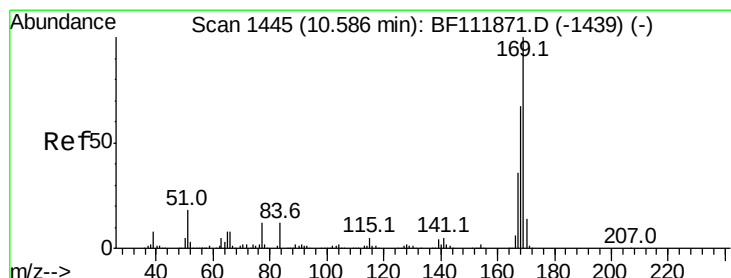
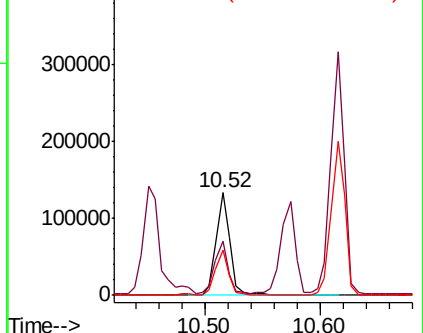
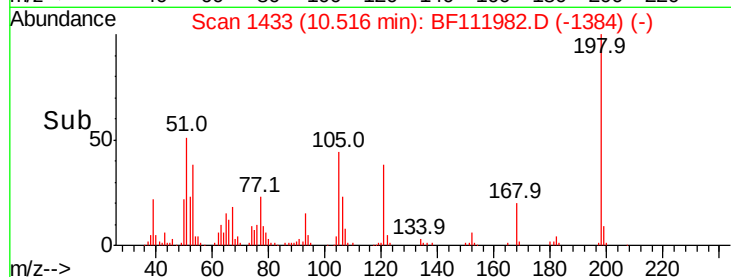
#65
4,6-Dinitro-2-methylphenol
Concen: 35.398 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 110118
Ion Ratio Lower Upper
198 100
51 52.4 27.2 67.2
105 43.6 21.0 61.0

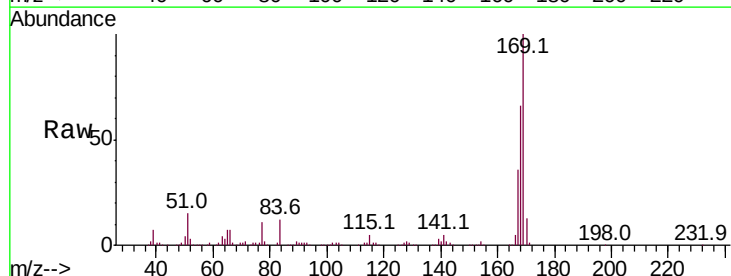


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

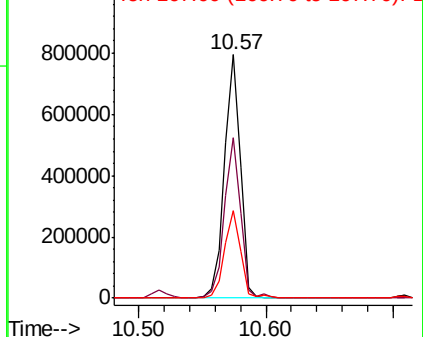
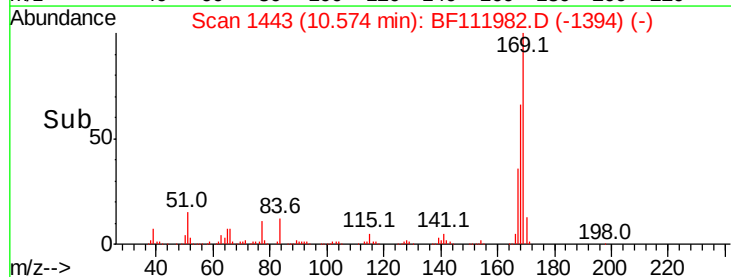


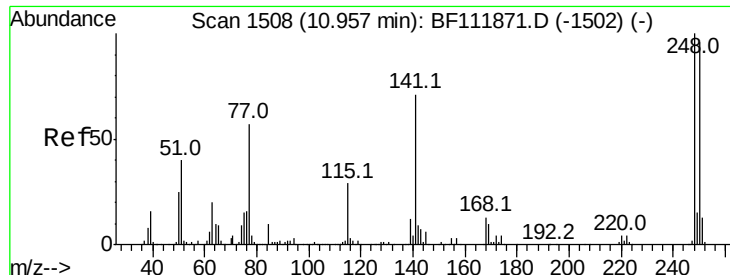
#66
n-Nitrosodiphenylamine
Concen: 41.209 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Tgt Ion:169 Resp: 697204
Ion Ratio Lower Upper
169 100
168 66.0 53.8 80.6
167 36.0 29.1 43.7



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

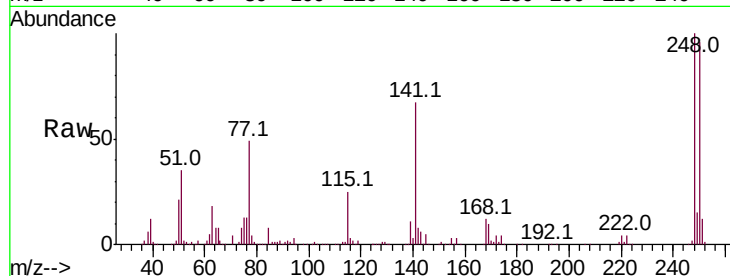




#67
 4-Bromophenyl-phenylether
 Concen: 37.899 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF111982.D
 Acq: 10 Jan 2019 12:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.8	115.2
141	67.0	57.0	85.6

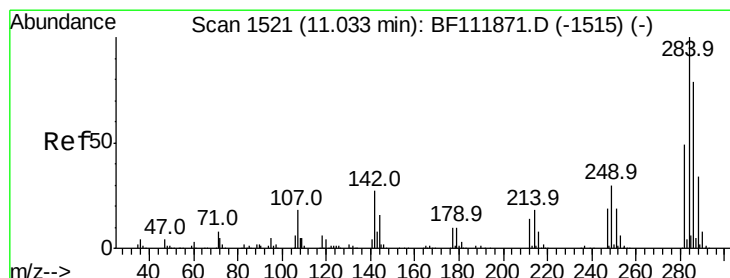
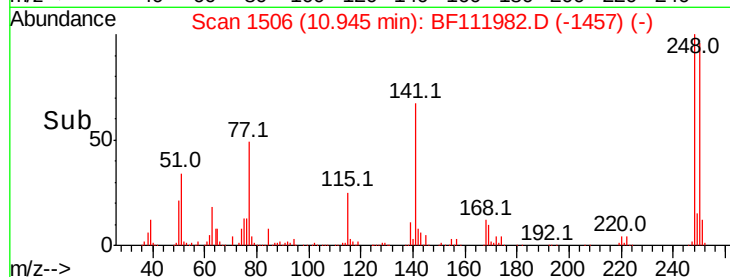
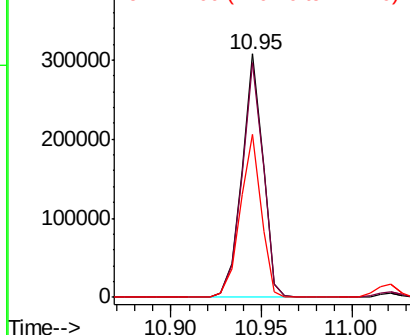


Abundance

Ion 248.00 (247.70 to 248.70): E

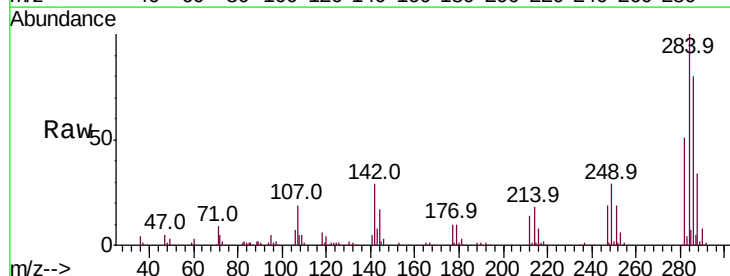
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.915 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF111982.D
 Acq: 10 Jan 2019 12:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	21.8	32.6
249	29.3	23.8	35.6

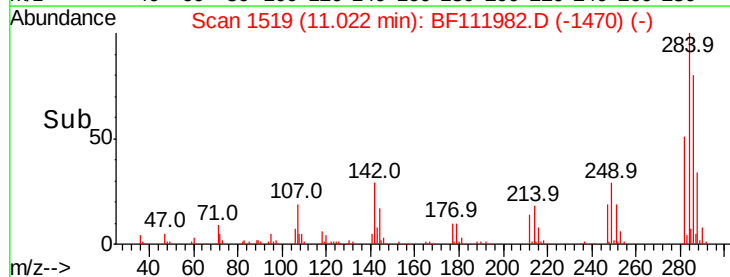
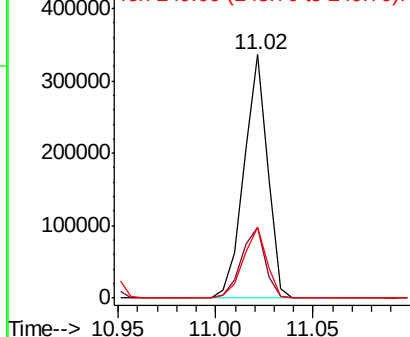


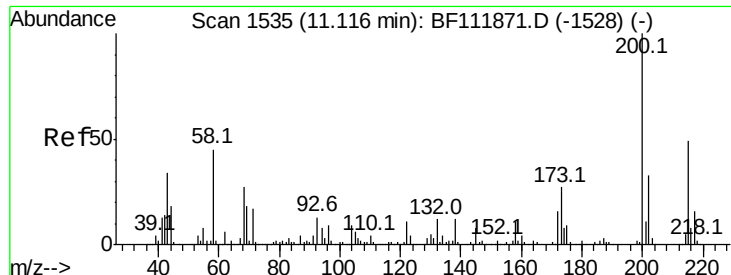
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

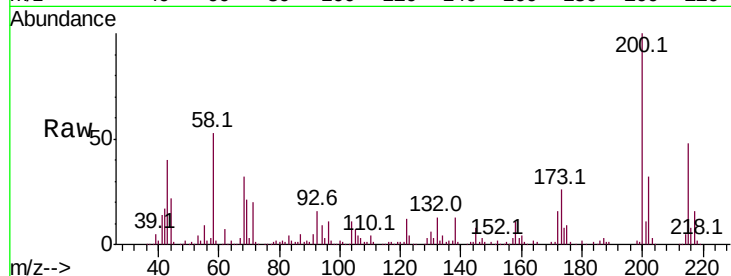




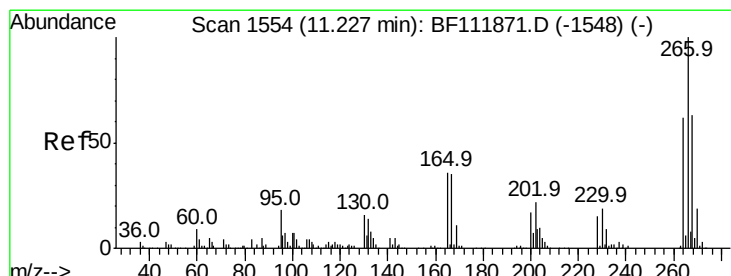
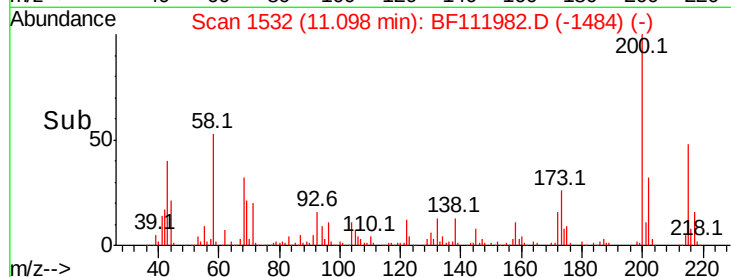
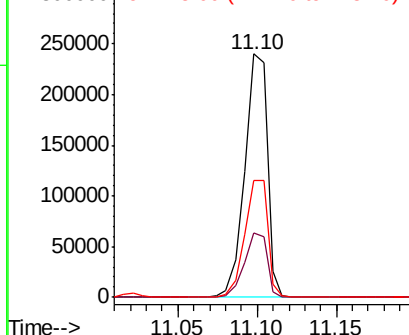
#69
Atrazine
Concen: 39.890 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.02 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 237121
Ion Ratio Lower Upper
200 100
173 26.2 6.6 46.6
215 47.8 28.9 68.9

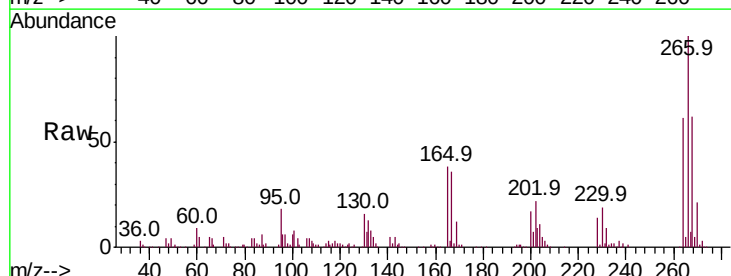


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

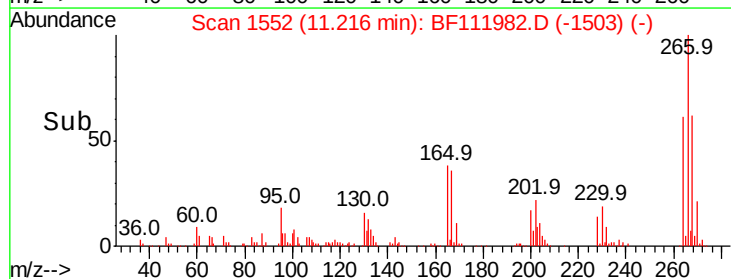
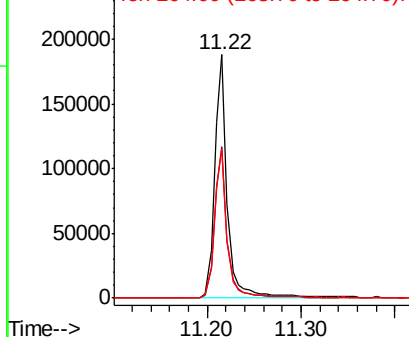


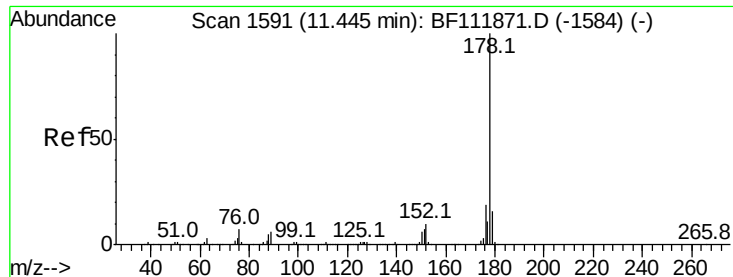
#70
Pentachlorophenol
Concen: 43.945 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Tgt Ion:266 Resp: 180979
Ion Ratio Lower Upper
266 100
268 62.3 50.6 76.0
264 61.1 49.3 73.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.736 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

Instrument :

BNA_F

ClientSampleId :

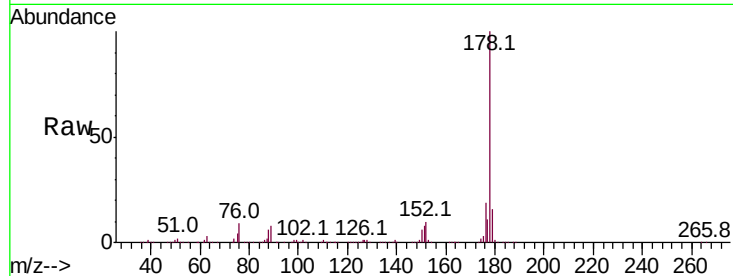
Tot Ion:178 Resp: 1044157

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

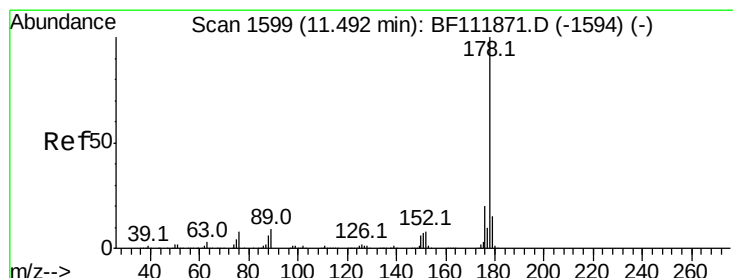
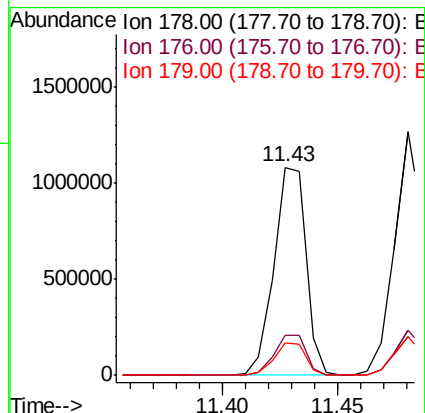
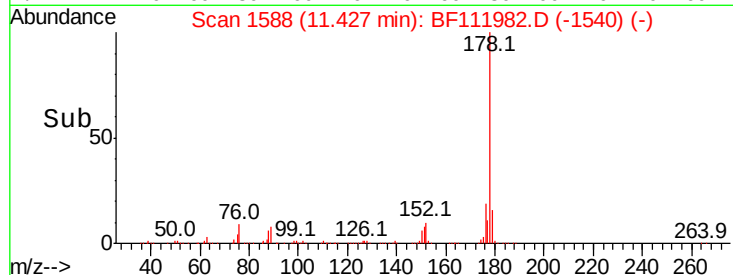
179 15.6 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.014 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

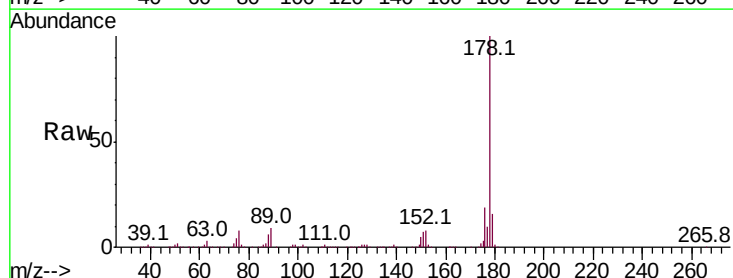
Tgt Ion:178 Resp: 1094925

Ion Ratio Lower Upper

178 100

176 18.6 15.7 23.5

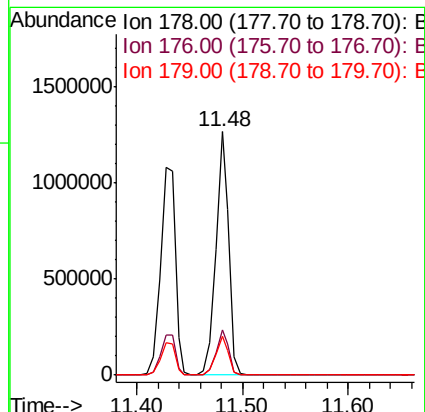
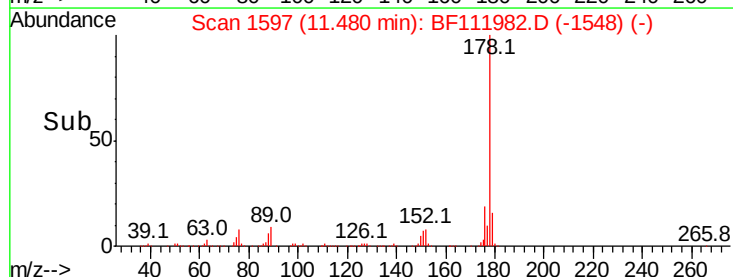
179 15.7 12.4 18.6

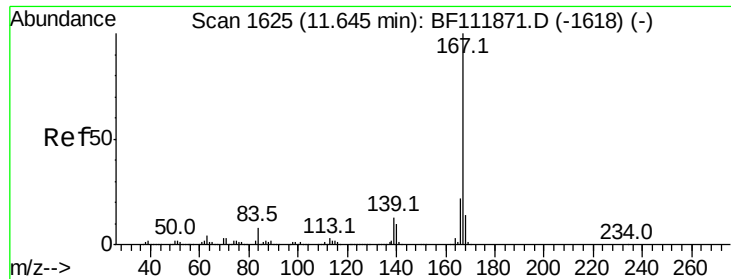


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



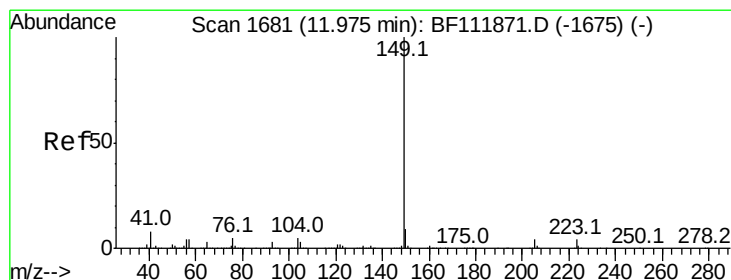
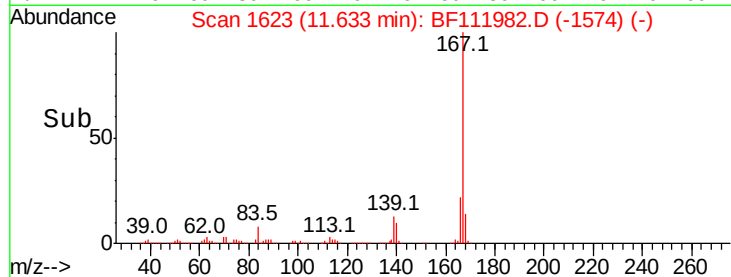
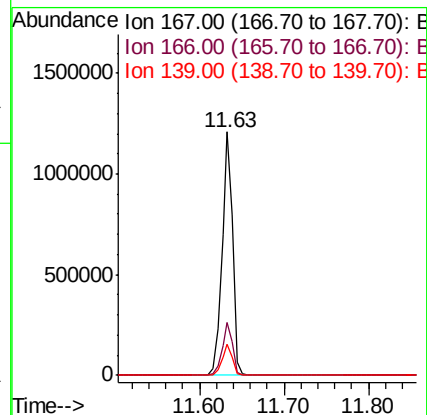
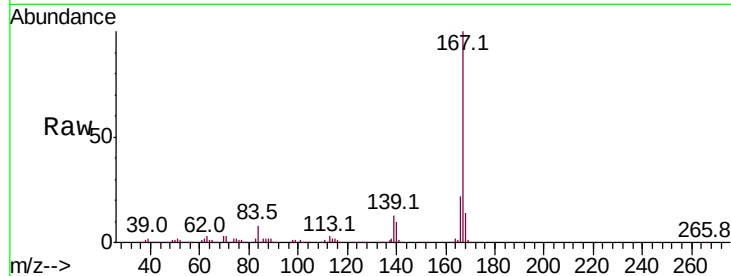


#73
 Carbazole
 Concen: 40.683 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF111982.D
 Acq: 10 Jan 2019 12:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1082868

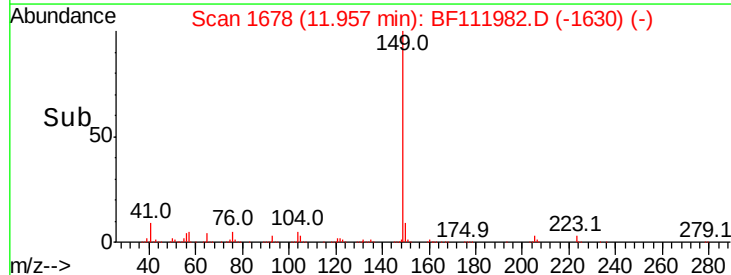
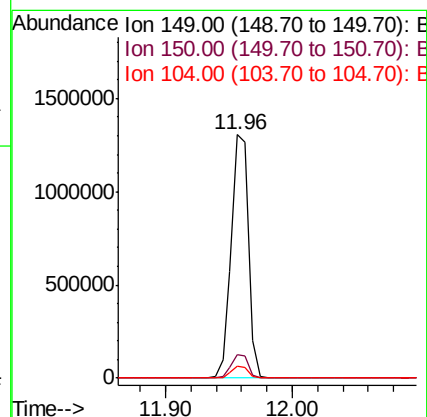
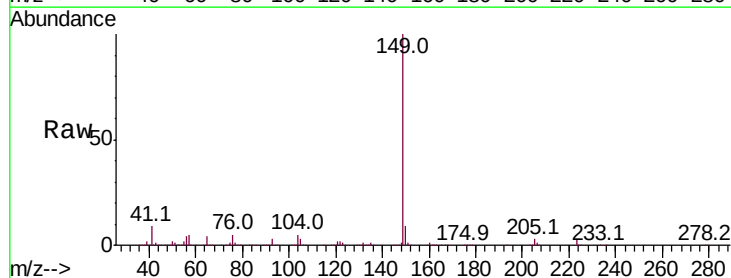
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.8	26.6
139	12.8	10.6	16.0

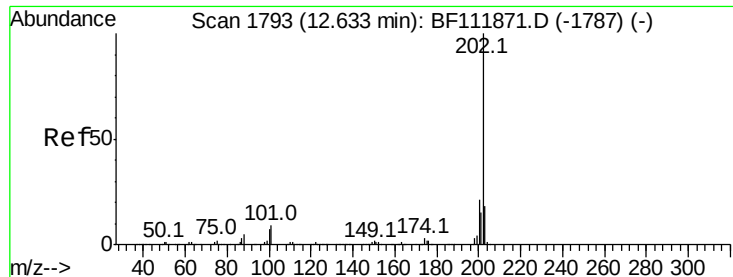


#74
 Di-n-butylphthalate
 Concen: 39.654 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.02 min
 Lab File: BF111982.D
 Acq: 10 Jan 2019 12:51

Tgt Ion:149 Resp: 1225987

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.2	3.9	5.9





#75

Fluoranthene

Concen: 41.117 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.02 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

Instrument :

BNA_F

ClientSampleId :

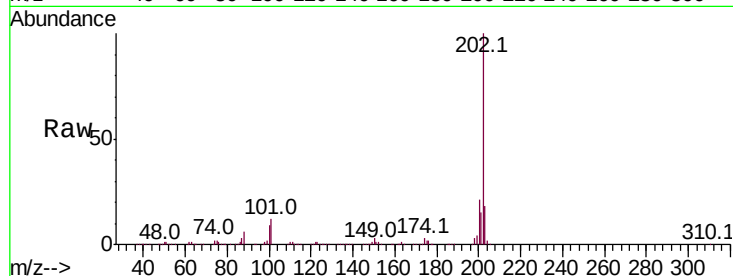
Tot Ion:202 Resp: 1137802

Ion Ratio Lower Upper

202 100

101 11.8 0.0 29.3

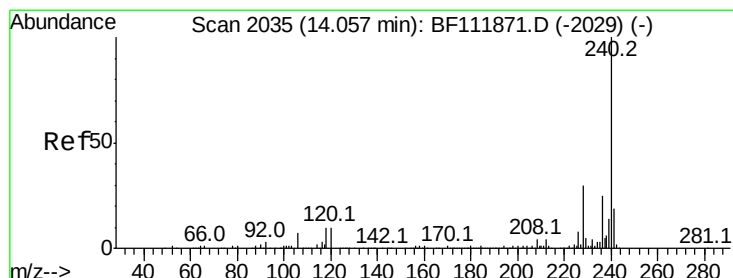
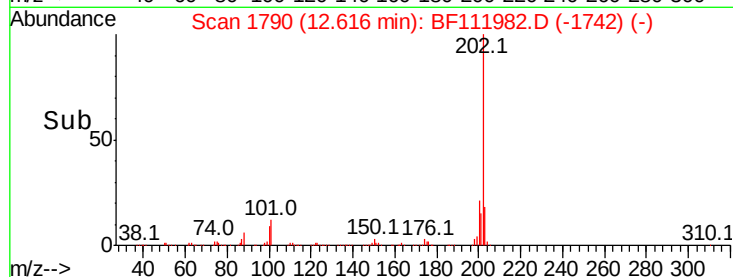
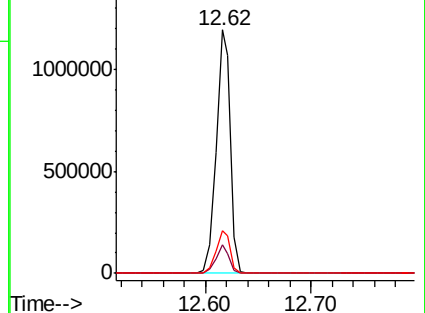
203 17.7 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

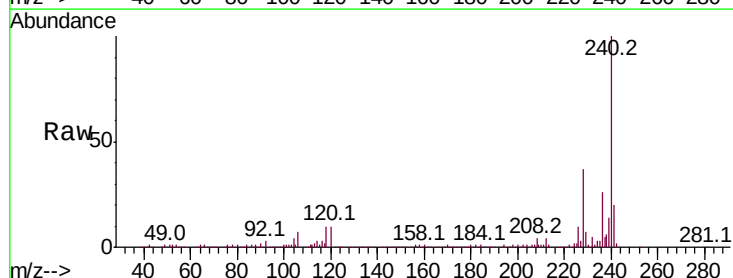
Tgt Ion:240 Resp: 416069

Ion Ratio Lower Upper

240 100

120 10.1 8.2 12.2

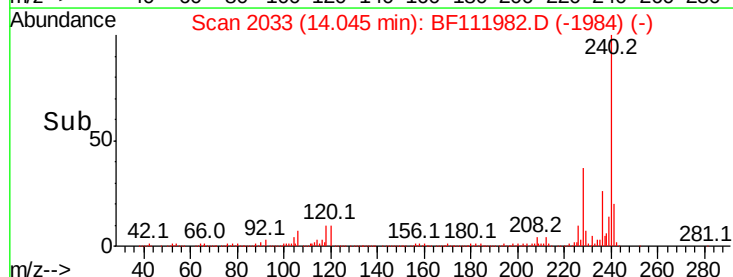
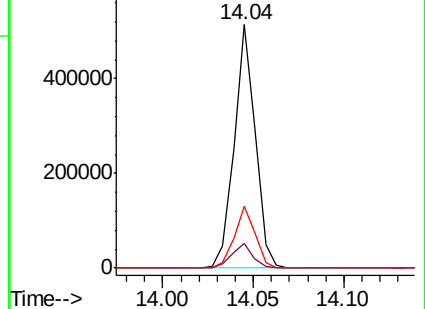
236 25.6 20.2 30.4

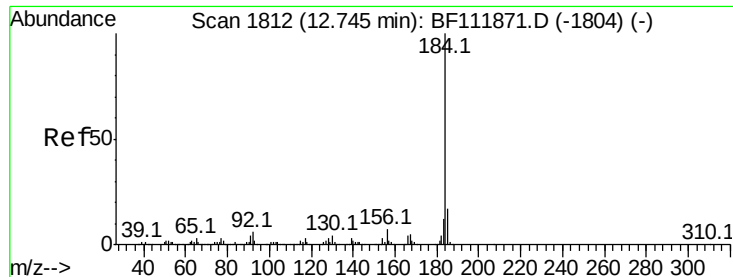


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.627 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

Instrument :

BNA_F

ClientSampleId :

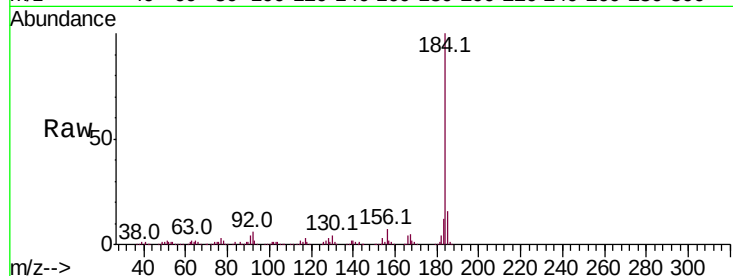
Tot Ion:184 Resp: 455362

Ion Ratio Lower Upper

184 100

185 15.6 13.4 20.0

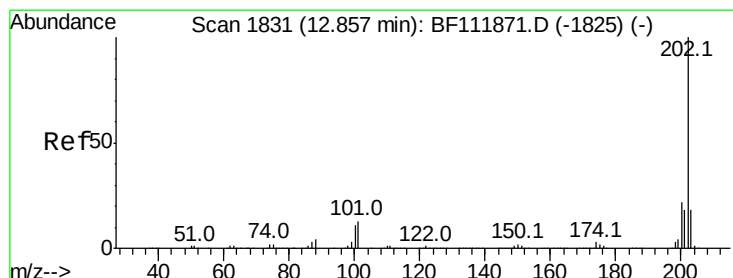
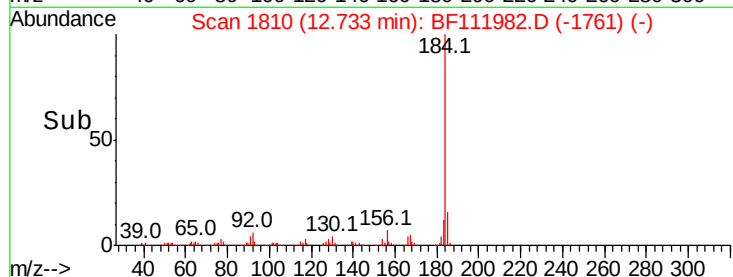
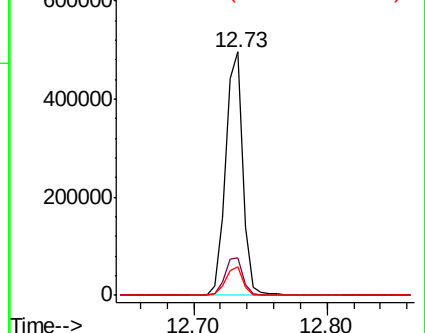
183 11.9 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.459 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

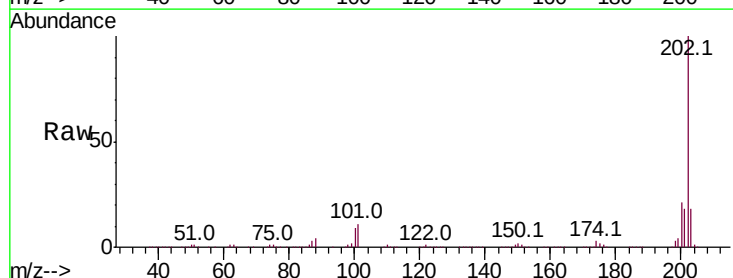
Tgt Ion:202 Resp: 1129634

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.2

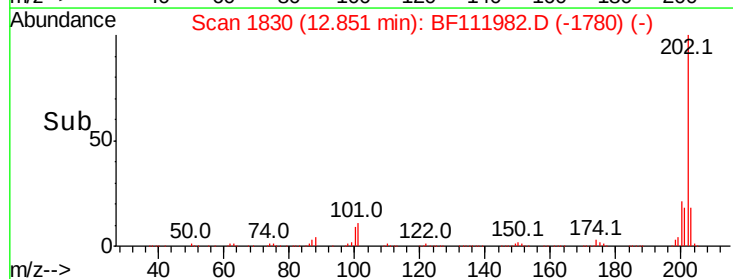
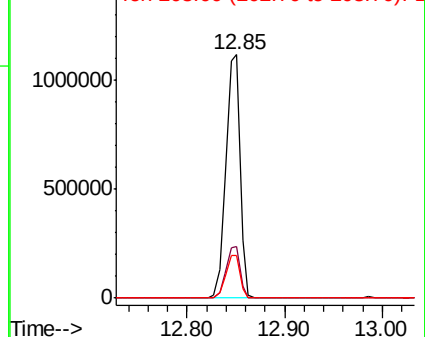
203 17.7 14.6 21.8

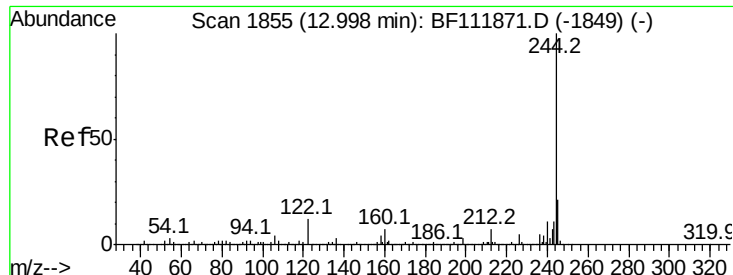


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

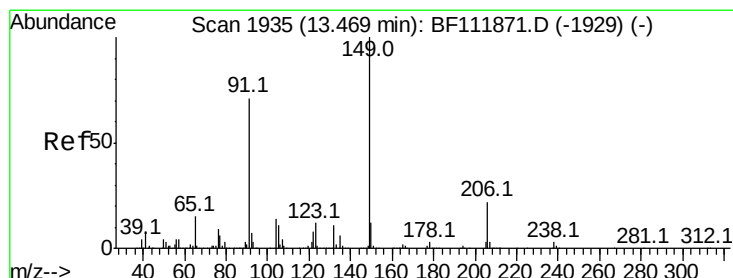
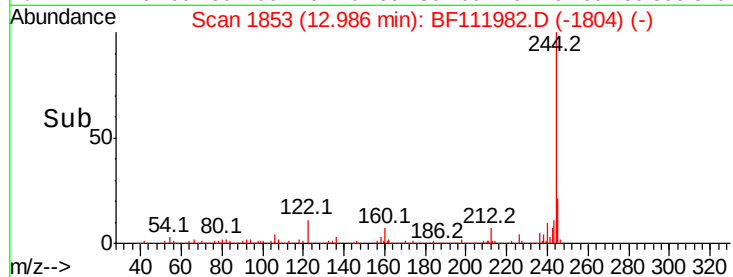
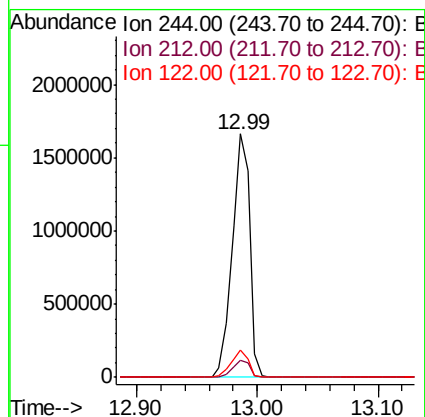
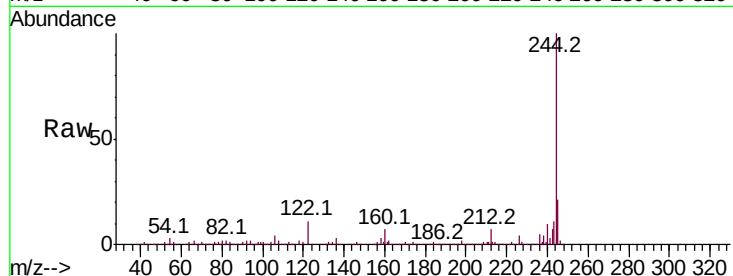




#79
 Terphenyl-d14
 Concen: 76.190 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF111982.D
 Acq: 10 Jan 2019 12:51

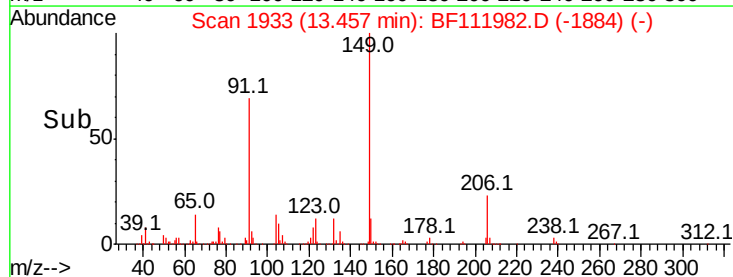
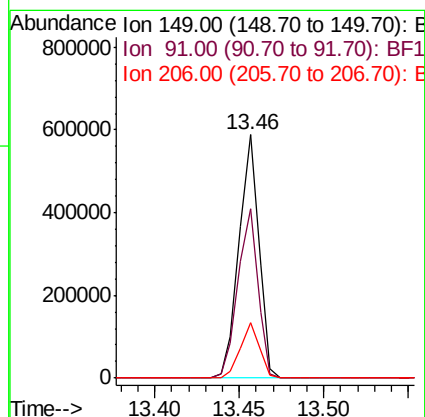
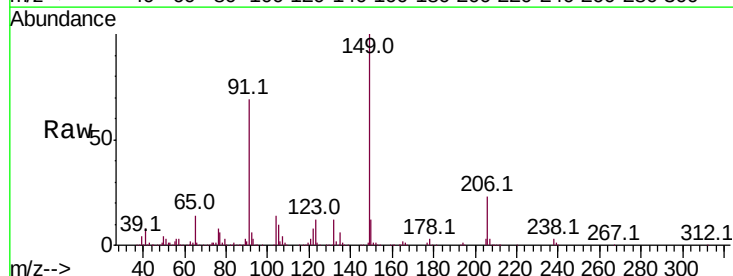
Instrument :
 BNA_F
 ClientSampleId :

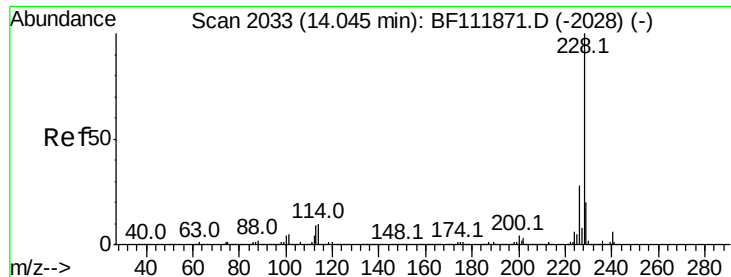
Tot Ion:244 Resp: 1670002
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 11.4 9.5 14.3



#80
 Butylbenzylphthalate
 Concen: 39.811 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BF111982.D
 Acq: 10 Jan 2019 12:51

Tgt Ion:149 Resp: 481830
 Ion Ratio Lower Upper
 149 100
 91 69.4 57.2 85.8
 206 22.5 17.3 25.9

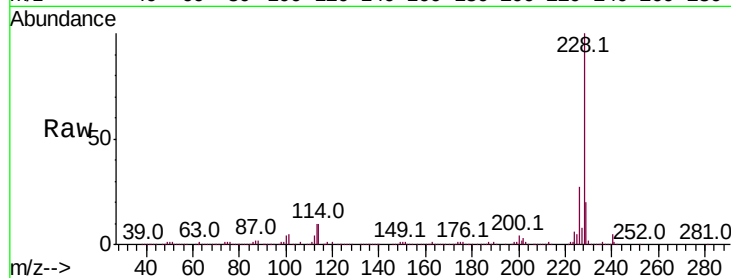




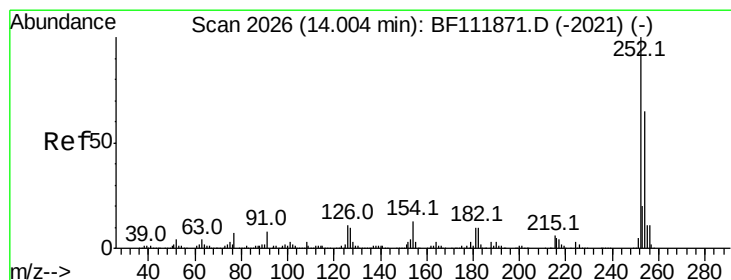
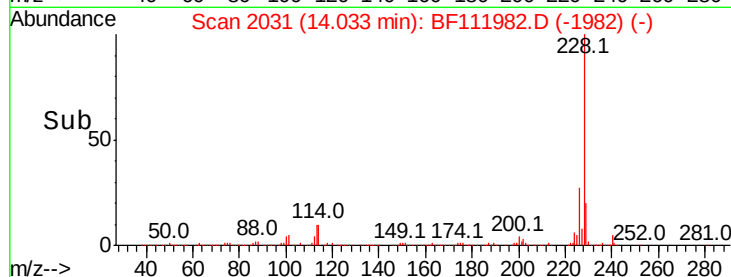
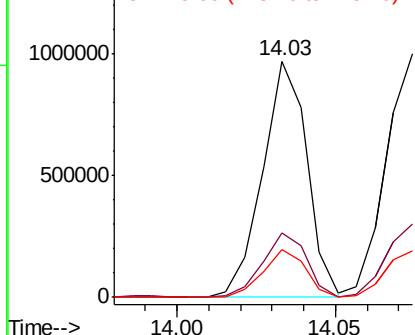
#81
Benzo(a)anthracene
Concen: 39.566 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 947426
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.2
229 20.1 16.2 24.2

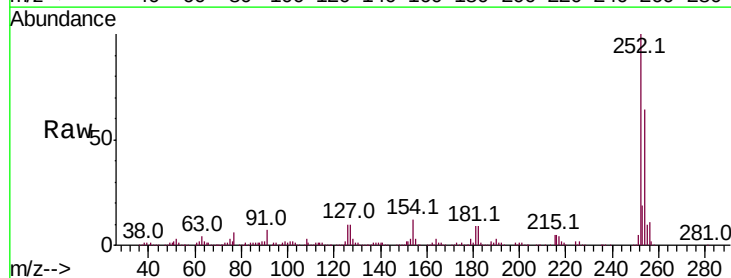


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

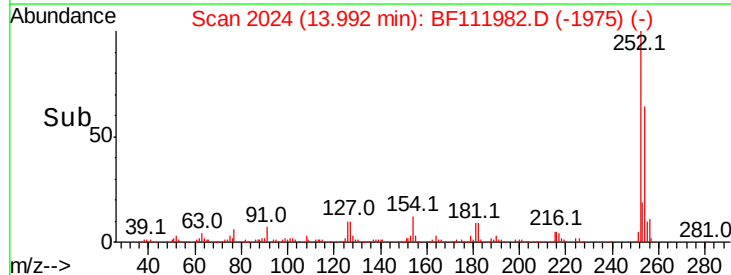
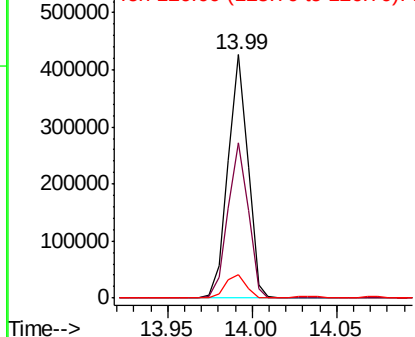


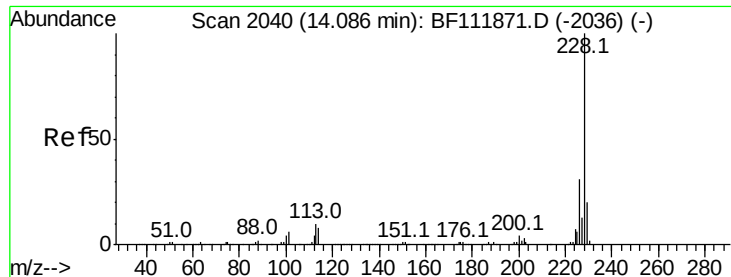
#82
3,3'-Dichlorobenzidine
Concen: 39.475 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Tgt Ion:252 Resp: 348968
Ion Ratio Lower Upper
252 100
254 63.8 52.1 78.1
126 9.7 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.320 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

Instrument :

BNA_F

ClientSampleId :

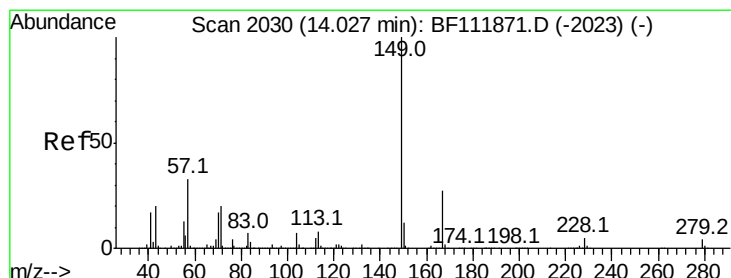
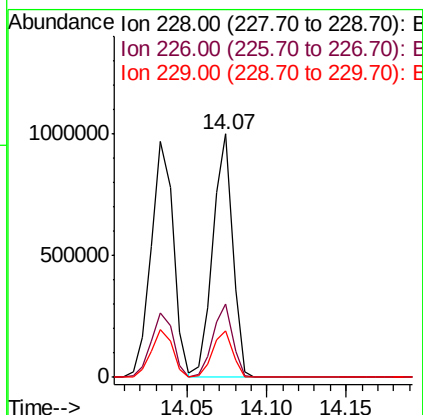
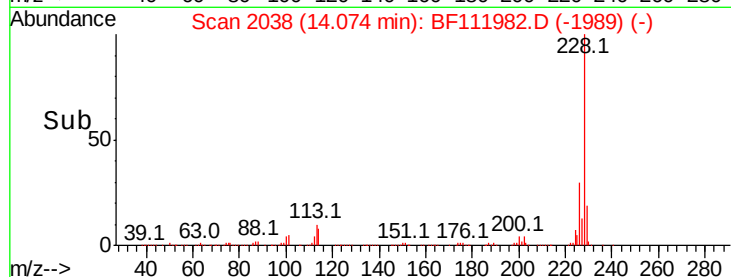
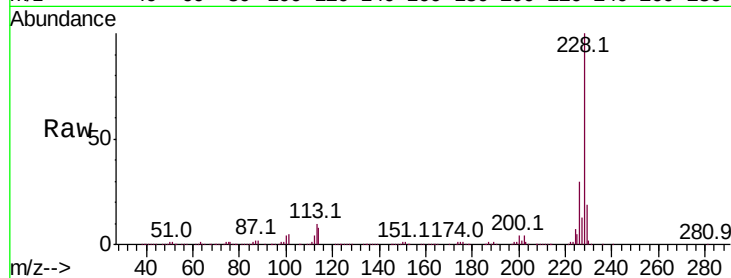
Tot Ion:228 Resp: 874898

Ion Ratio Lower Upper

228 100

226 30.3 24.6 37.0

229 19.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.458 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

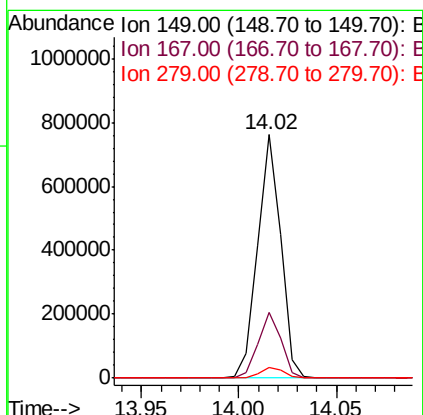
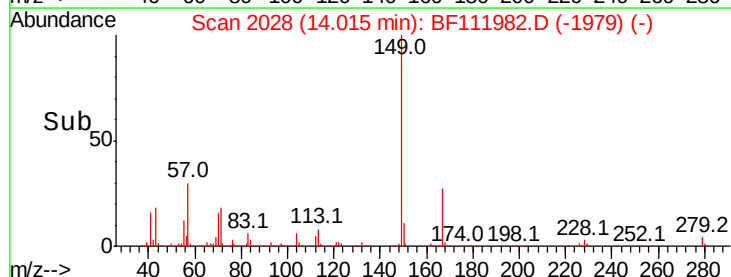
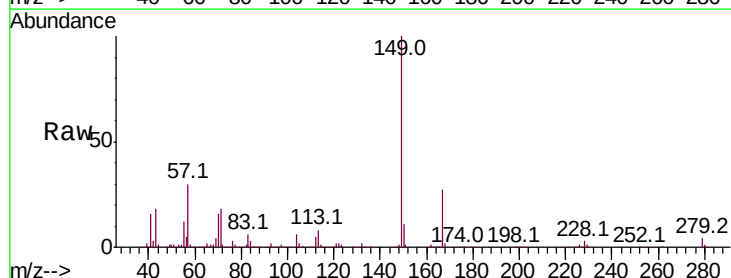
Tgt Ion:149 Resp: 627185

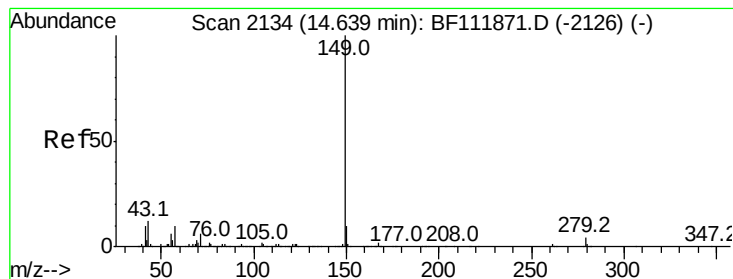
Ion Ratio Lower Upper

149 100

167 26.8 21.5 32.3

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 40.937 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

Instrument :

BNA_F

ClientSampled :

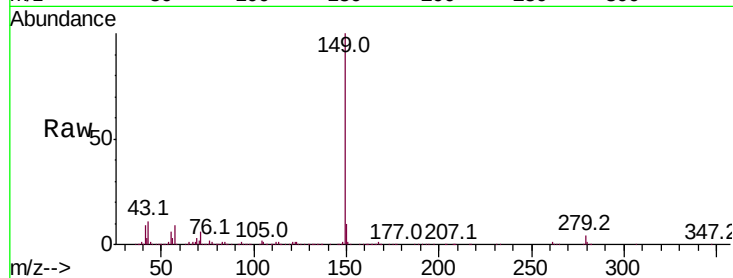
Tot Ion:149 Resp: 931183

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

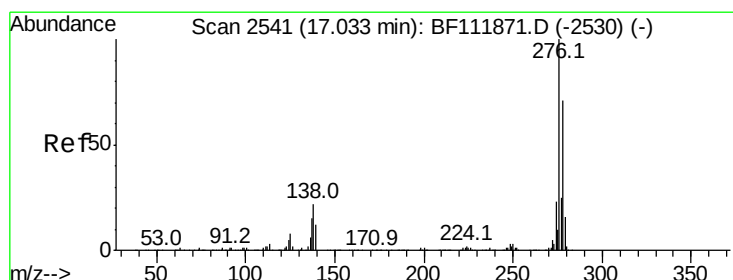
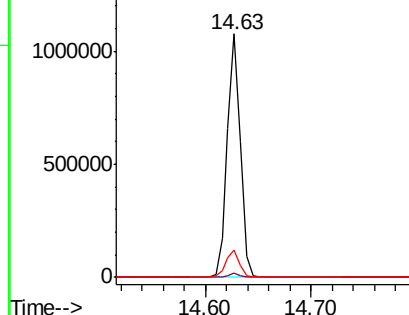
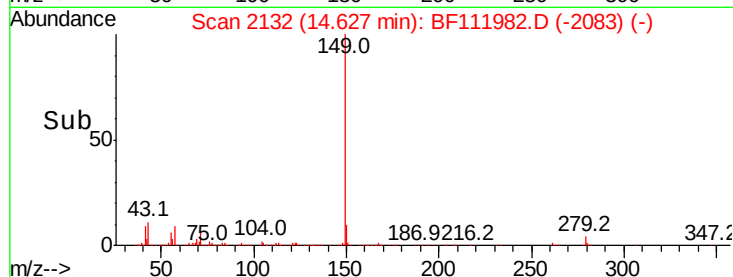
43 11.3 9.1 13.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.365 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.02 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

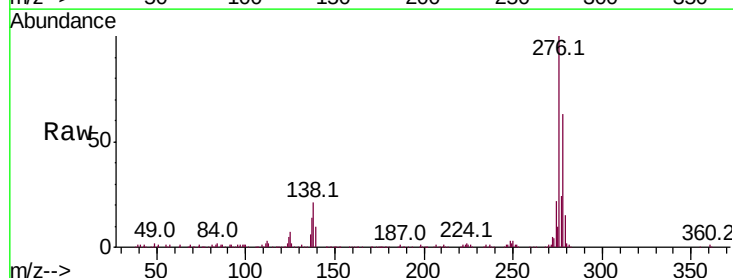
Tgt Ion:276 Resp: 555358

Ion Ratio Lower Upper

276 100

138 22.1 18.1 27.1

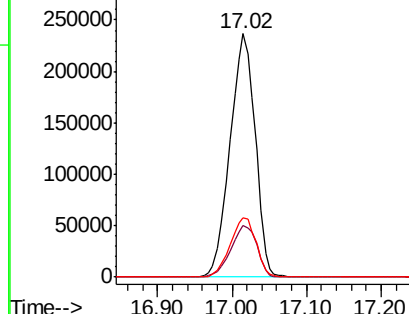
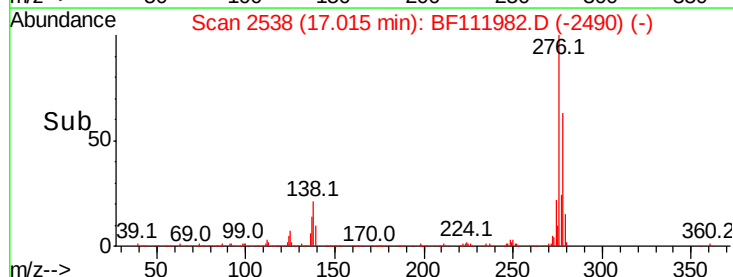
277 25.0 19.9 29.9

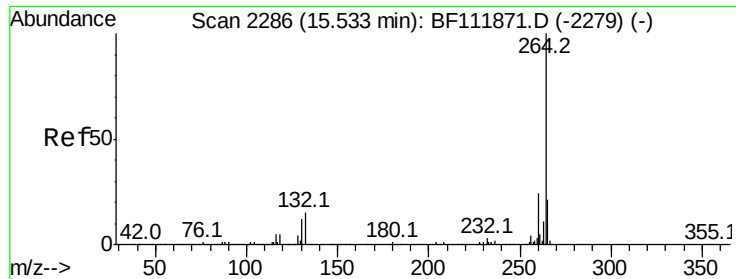


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

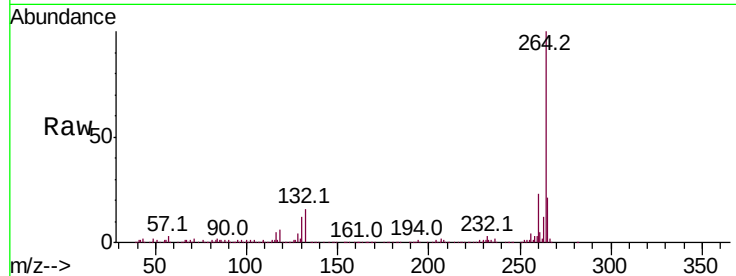




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	20.9	17.1	25.7

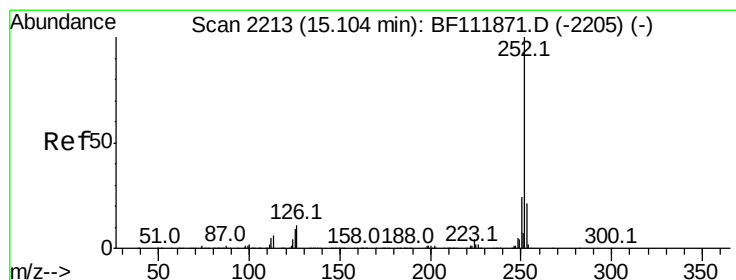
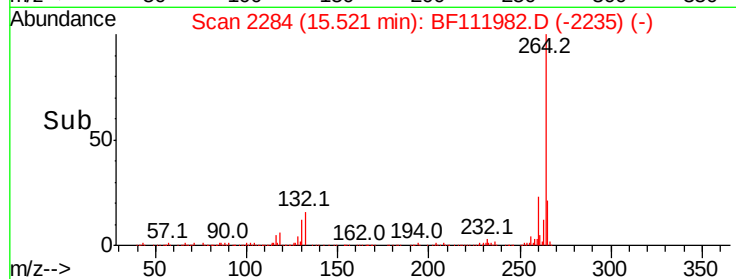
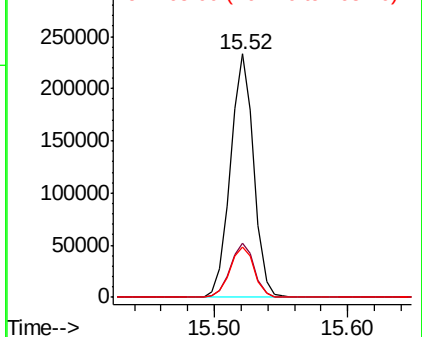


Abundance

Ion 264.00 (263.70 to 264.70): E

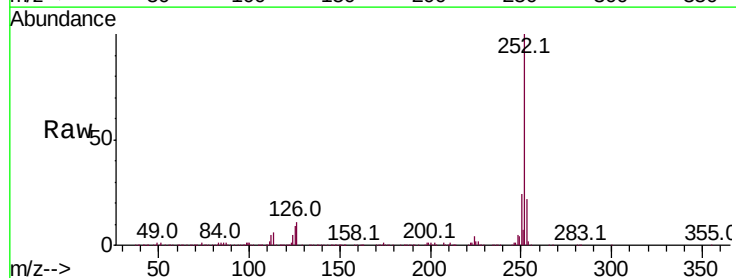
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 39.709 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	8.6	7.1	10.7

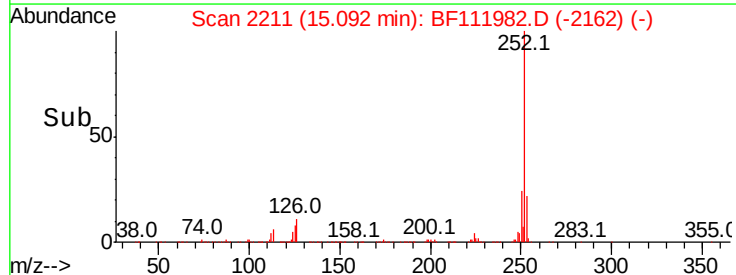
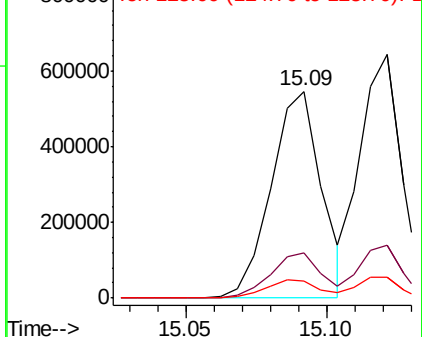


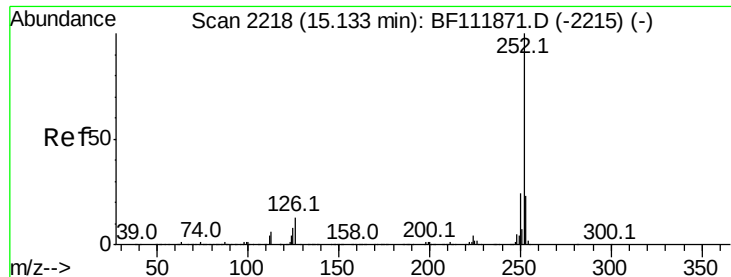
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

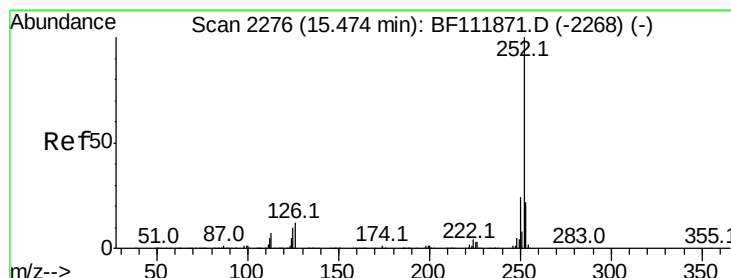
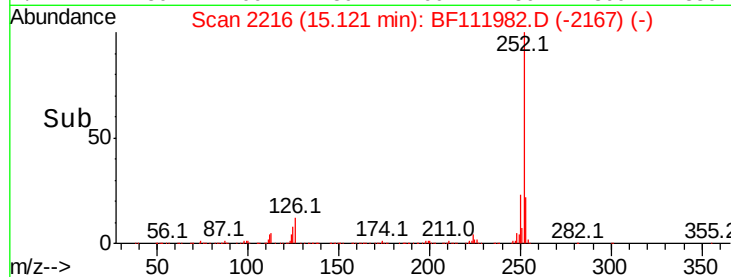
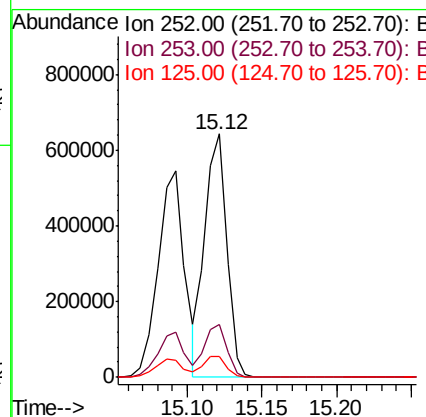
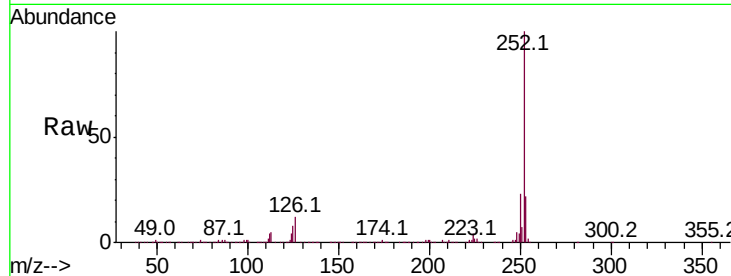




#89
Benzo(k)fluoranthene
Concen: 40.740 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

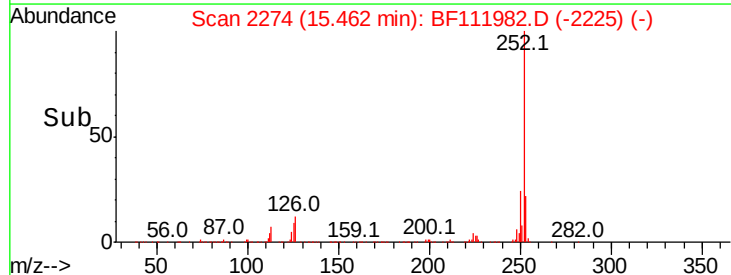
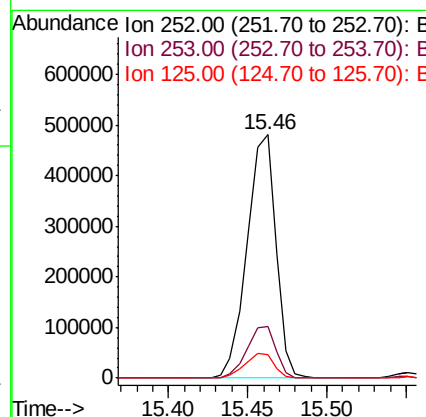
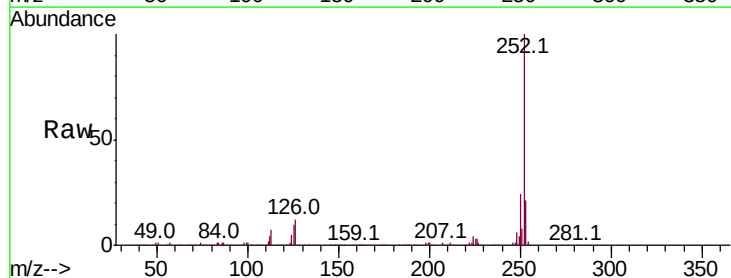
Instrument :
BNA_F
ClientSampleId :

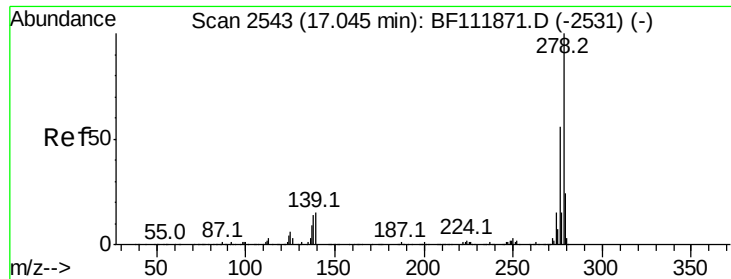
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	8.5	7.0	10.4



#90
Benzo(a)pyrene
Concen: 40.791 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF111982.D
Acq: 10 Jan 2019 12:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	9.6	7.9	11.9





#91

Dibenzo(a,h)anthracene

Concen: 38.692 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.02 min

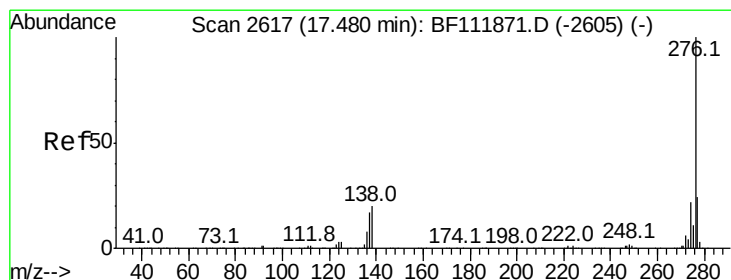
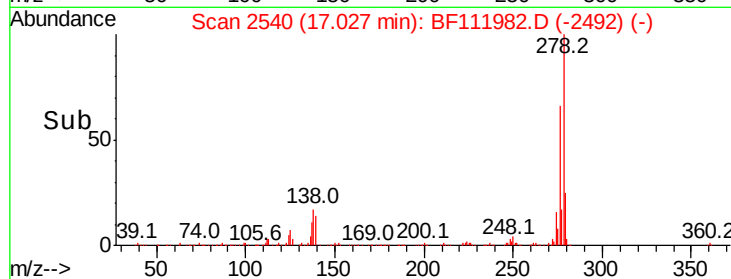
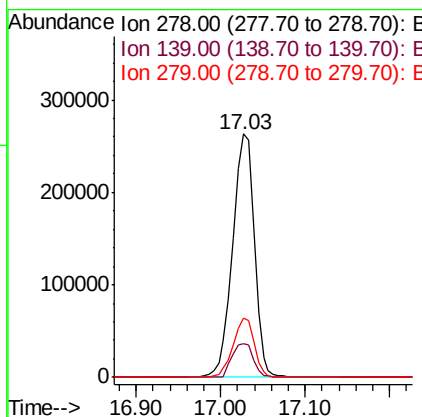
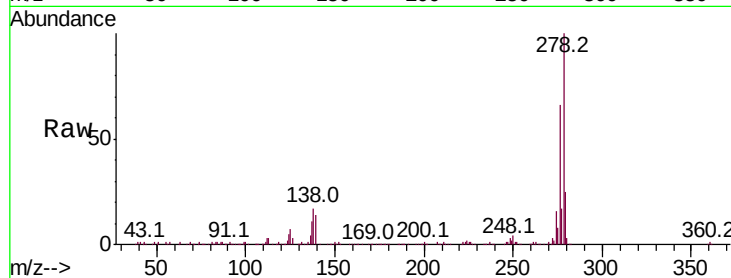
Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 465322

Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.8	17.6
279	24.6	19.4	29.2



#92

Benzo(g,h,i)perylene

Concen: 39.544 ng

RT: 17.47 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF111982.D

Acq: 10 Jan 2019 12:51

Tgt Ion:276 Resp: 465154

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.0	28.6
138	18.9	16.2	24.2

