

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
 Data File : BF111760.D
 Acq On : 27 Dec 2018 14:16
 Operator : JU/SJ
 Sample : J6446-15MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01MSD

Quant Time: Dec 28 00:13:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	146823	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	499466	20.00	ng	0.01
39) Acenaphthene-d10	9.95	164	220042	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	382279	20.00	ng	0.01
76) Chrysene-d12	14.07	240	320419	20.00	ng	0.02
87) Perylene-d12	15.56	264	229441	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1061084	123.19	ng	0.04
7) Phenol-d6	6.56	99	1296635	118.28	ng	0.04
23) Nitrobenzene-d5	7.47	82	852756	99.38	ng	0.01
42) 2,4,6-Tribromophenol	10.74	330	327527	125.97	ng	0.02
45) 2-Fluorobiphenyl	9.26	172	1423917	94.32	ng	0.00
79) Terphenyl-d14	13.02	244	1307857	77.41	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	138432	34.158	ng	93
3) Pyridine	3.65	79	31182	2.953	ng	# 87
4) n-Nitrosodimethylamine	3.45	42	234401	45.363	ng	84
6) Aniline	6.64	93	384461	27.514	ng	# 54
8) 2-Chlorophenol	6.70	128	402328	42.165	ng	96
9) Benzaldehyde	6.45	77	134964	17.901	ng	99
10) Phenol	6.57	94	518340	41.907	ng	98
11) bis(2-Chloroethyl)ether	6.64	93	384461	41.480	ng	98
12) 1,3-Dichlorobenzene	6.85	146	462621	41.836	ng	99
13) 1,4-Dichlorobenzene	6.92	146	470563	41.960	ng	98
14) 1,2-Dichlorobenzene	7.08	146	437479	41.812	ng	98
15) Benzyl Alcohol	7.05	79	355711	40.857	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.18	45	636767	37.303	ng	79
17) 2-Methylphenol	7.17	107	306202	40.077	ng	# 90
18) Hexachloroethane	7.42	117	152632	40.389	ng	# 84
19) n-Nitroso-di-n-propylamine	7.32	70	289713	39.795	ng	99
20) 3+4-Methylphenols	7.32	107	384376	39.815	ng	# 70
22) Acetophenone	7.31	105	546680	43.204	ng	92
24) Nitrobenzene	7.49	77	426275	47.399	ng	100
25) Isophorone	7.73	82	731574	48.025	ng	98
26) 2-Nitrophenol	7.80	139	204374	56.032	ng	96
27) 2,4-Dimethylphenol	7.85	122	323633	45.011	ng	94
28) bis(2-Chloroethoxy)methane	7.93	93	464169	45.790	ng	99
29) 2,4-Dichlorophenol	8.05	162	321985	41.634	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	371810	43.144	ng	96
31) Naphthalene	8.21	128	1123116	46.799	ng	97
32) Benzoic acid	7.96	122	130820	27.518	ng	94
34) Hexachlorobutadiene	8.33	225	229679	43.729	ng	99
35) Caprolactam	8.62	113	44492	16.978	ng	96
36) 4-Chloro-3-methylphenol	8.75	107	297693	39.159	ng	100
37) 2-Methylnaphthalene	8.90	142	722942	46.302	ng	99
38) 1-Methylnaphthalene	9.00	142	670787	44.733	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	347824	48.105	ng	98
41) Hexachlorocyclopentadiene	9.06	237	201585	57.452	ng	100

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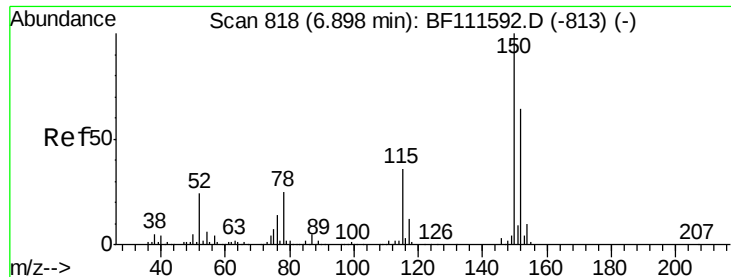
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,6-Trichlorophenol	9.18	196	218764	45.316	ng	99
44) 2,4,5-Trichlorophenol	9.23	196	216835	43.783	ng	93
46) 1,1'-Biphenyl	9.36	154	863234	46.473	ng	94
47) 2-Chloronaphthalene	9.39	162	655181	44.520	ng	94
48) 2-Nitroaniline	9.48	65	190429	49.739	ng	99
49) Acenaphthylene	9.81	152	980394	45.627	ng	95
50) Dimethylphthalate	9.66	163	912984	56.739	ng	100
51) 2,6-Dinitrotoluene	9.72	165	161655	50.383	ng	93
52) Acenaphthene	9.98	154	636461	48.026	ng	98
53) 3-Nitroaniline	9.89	138	35483	10.369	ng	100
54) 2,4-Dinitrophenol	9.99	184	111695	105.873	ng	99
55) Dibenzofuran	10.15	168	872591	43.582	ng	97
56) 4-Nitrophenol	10.07	139	225614	86.395	ng	90
57) 2,4-Dinitrotoluene	10.12	165	209726	54.386	ng	# 96
58) Fluorene	10.49	166	673750	46.699	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	186733	44.803	ng	90
60) Diethylphthalate	10.36	149	715787	45.348	ng	99
61) 4-Chlorophenyl-phenylether	10.48	204	342535	42.973	ng	96
62) 4-Nitroaniline	10.50	138	49586	14.909	ng	95
63) Azobenzene	10.64	77	639238	40.340	ng	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	76969	48.617	ng	77
66) n-Nitrosodiphenylamine	10.60	169	551638	42.988	ng	97
67) 4-Bromophenyl-phenylether	10.97	248	208266	43.924	ng	# 90
68) Hexachlorobenzene	11.05	284	234579	44.372	ng	95
69) Atrazine	11.13	200	179006	40.154	ng	91
70) Pentachlorophenol	11.24	266	236640	72.405	ng	97
71) Phenanthrene	11.46	178	933822	46.061	ng	94
72) Anthracene	11.51	178	949466	46.658	ng	95
73) Carbazole	11.66	167	803884	40.689	ng	96
74) Di-n-butylphthalate	11.99	149	1035445	46.744	ng	97
75) Fluoranthene	12.64	202	966919	47.098	ng	94
78) Pyrene	12.87	202	974411	43.064	ng	96
80) Butylbenzylphthalate	13.49	149	433045	46.951	ng	93
81) Benzo(a)anthracene	14.06	228	848824	46.419	ng	99
83) Chrysene	14.10	228	791164	44.021	ng	96
84) Bis(2-ethylhexyl)phthalate	14.05	149	609997	52.505	ng	# 98
85) Di-n-octyl phthalate	14.66	149	921427	51.190	ng	99
86) Indeno(1,2,3-cd)pyrene	17.08	276	550842	36.053	ng	# 87
88) Benzo(b)fluoranthene	15.13	252	646606	48.220	ng	# 96
89) Benzo(k)fluoranthene	15.16	252	625291	48.980	ng	# 96
90) Benzo(a)pyrene	15.50	252	566968	46.539	ng	# 94
91) Dibenzo(a,h)anthracene	17.10	278	468132	43.882	ng	# 91
92) Benzo(g,h,i)perylene	17.54	276	457352	43.904	ng	# 86

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

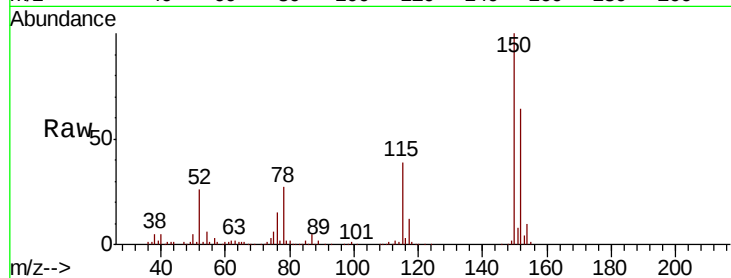


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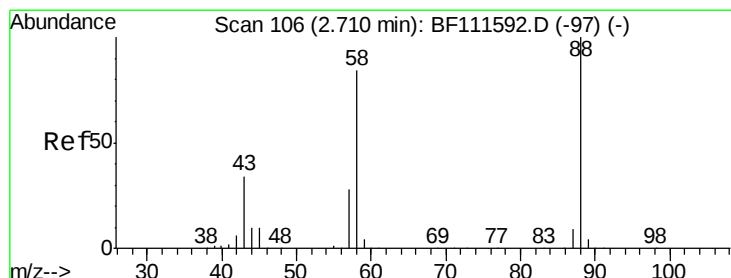
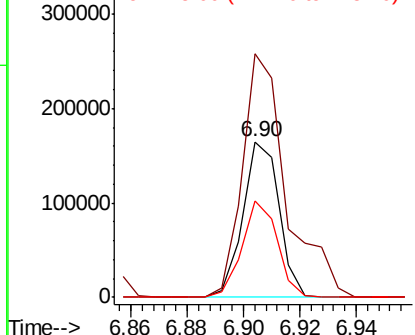
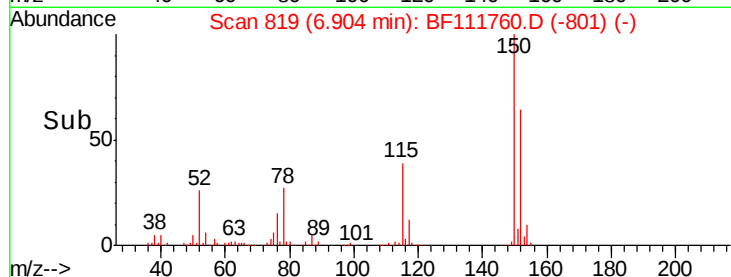
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MSD

Tgt Ion:152 Resp: 146823
Ion Ratio Lower Upper
152 100
150 156.5 126.6 189.8
115 61.8 50.7 76.1



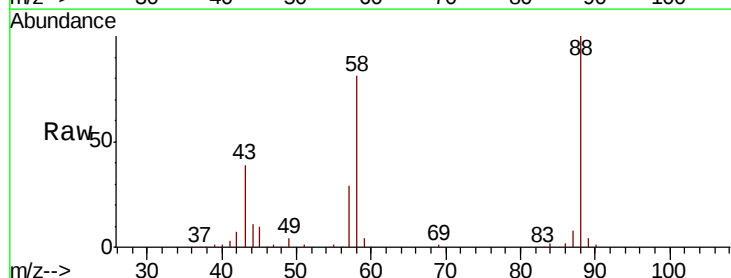
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



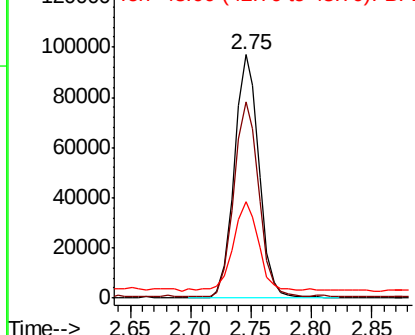
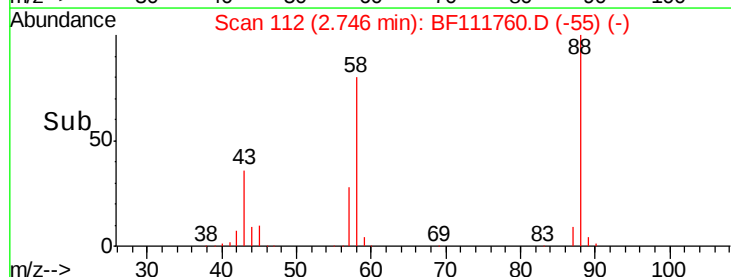
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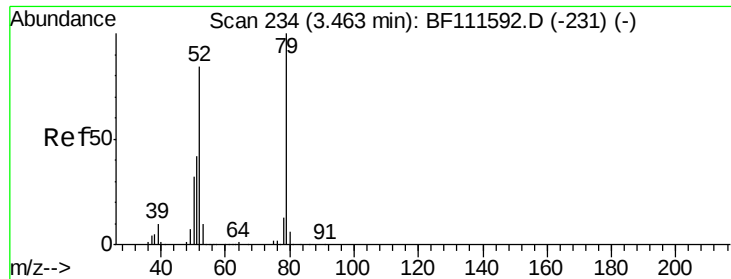
1,4-Dioxane
Concen: 34.158 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.04 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion: 88 Resp: 138432
Ion Ratio Lower Upper
88 100
58 80.5 68.9 103.3
43 37.3 25.8 38.6



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





#3

Pyridine

Concen: 2.953 ng

RT: 3.65 min Scan# 265

Delta R.T. 0.18 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MSD

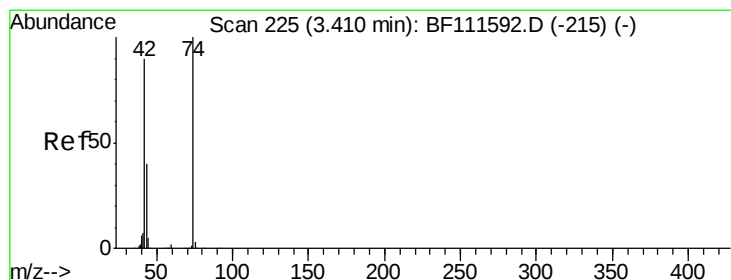
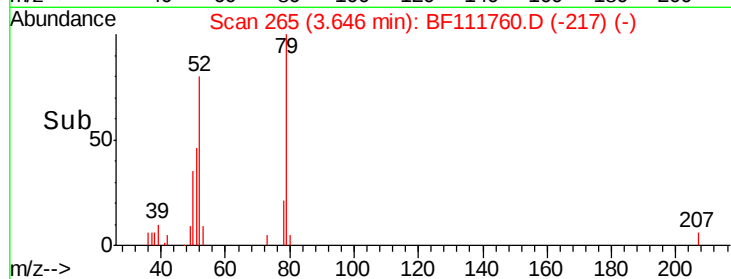
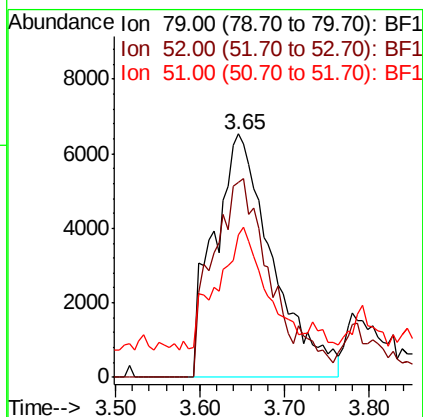
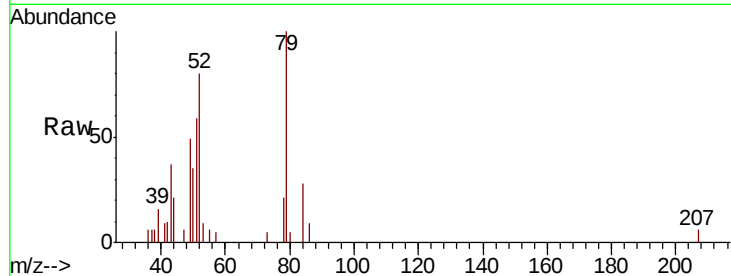
Tgt Ion: 79 Resp: 31182

Ion Ratio Lower Upper

79 100

52 80.2 68.3 102.5

51 58.5 32.6 49.0#



#4

n-Nitrosodimethylamine

Concen: 45.363 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.04 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

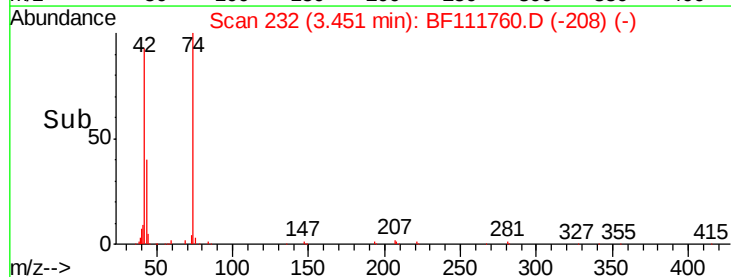
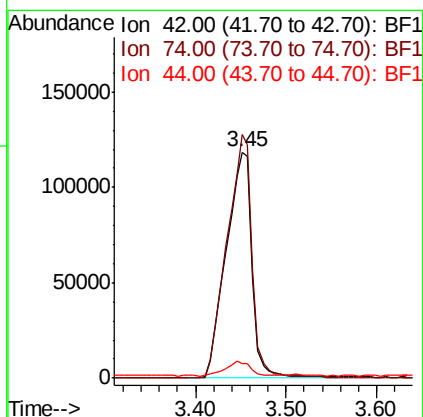
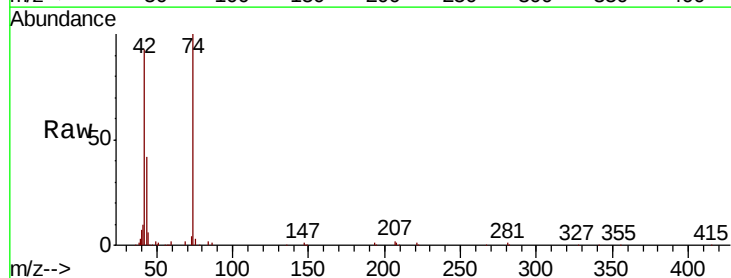
Tgt Ion: 42 Resp: 234401

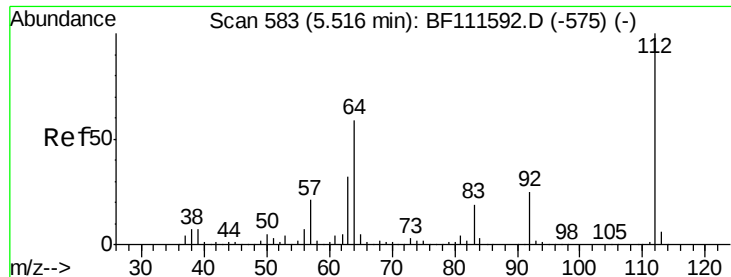
Ion Ratio Lower Upper

42 100

74 107.7 101.5 152.3

44 6.6 6.0 9.0





#5

2-Fluorophenol

Concen: 123.186 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.04 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MSD

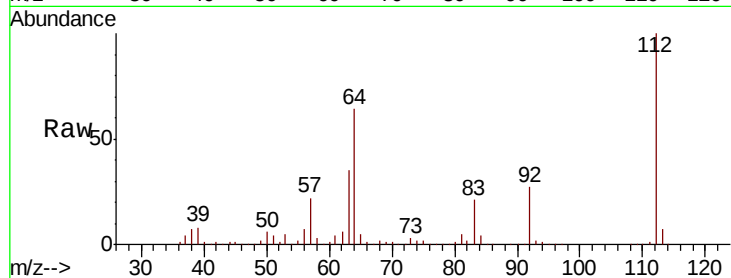
Tgt Ion: 112 Resp: 1061084

Ion Ratio Lower Upper

112 100

64 63.9 51.8 77.6

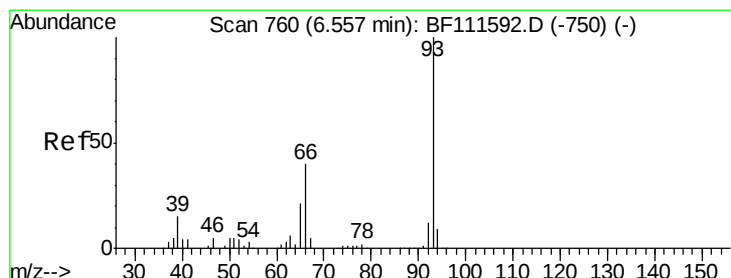
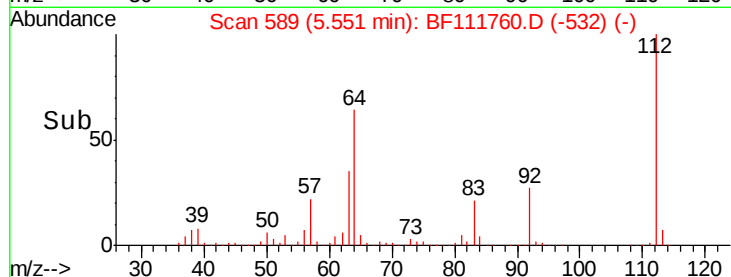
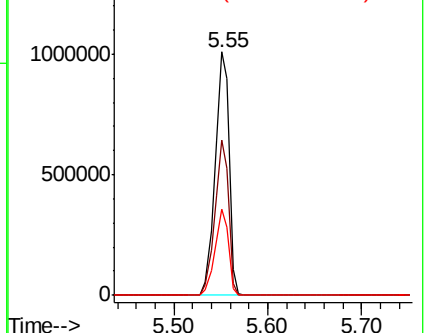
63 35.5 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.514 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.08 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

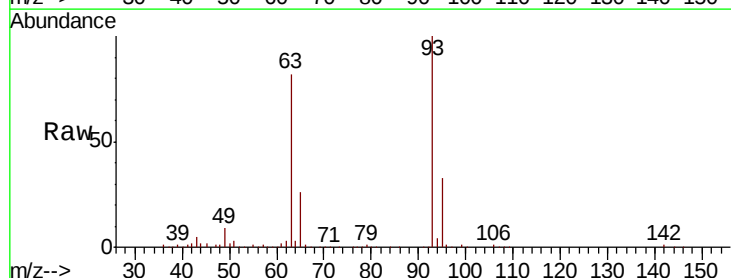
Tgt Ion: 93 Resp: 384461

Ion Ratio Lower Upper

93 100

66 0.6 33.2 49.8#

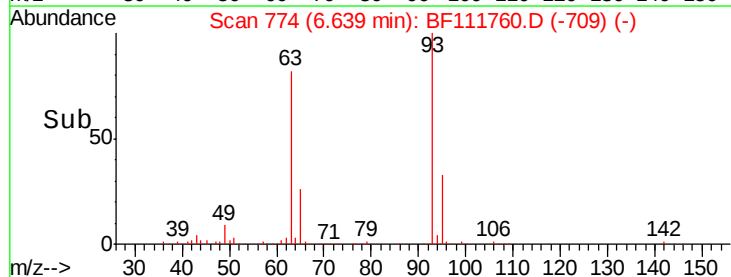
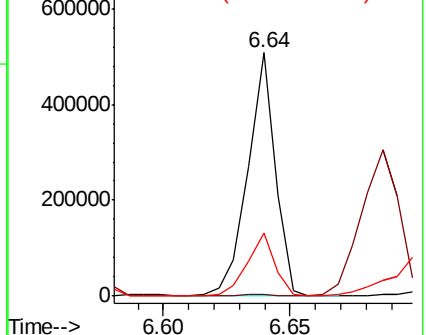
65 25.8 17.0 25.4#

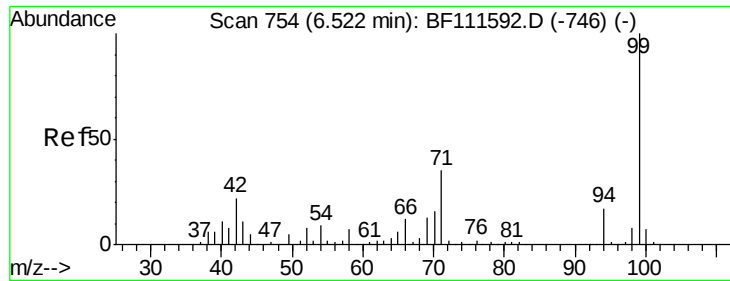


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.282 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.04 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

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ClientSampleId :

P001-SS022-0612-01MSD

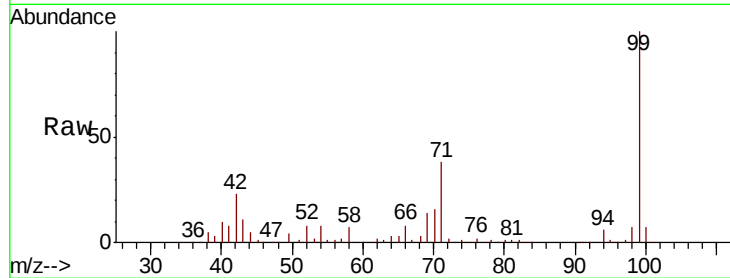
Tgt Ion: 99 Resp: 1296635

Ion Ratio Lower Upper

99 100

42 22.7 17.4 26.0

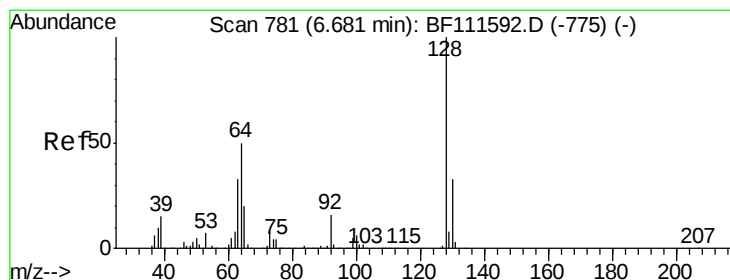
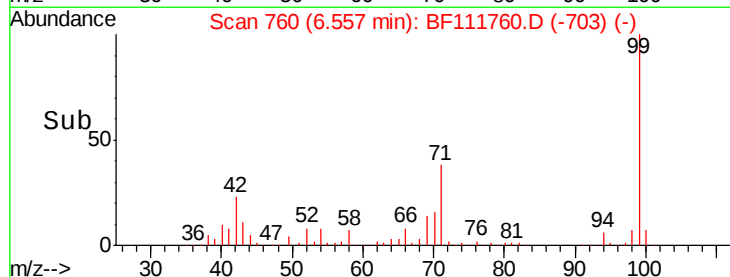
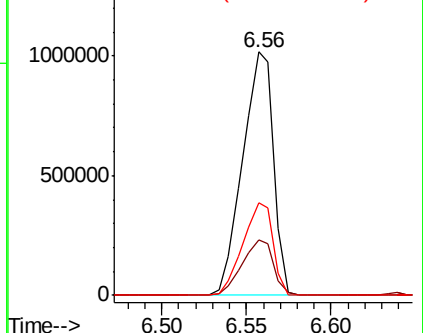
71 37.8 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.165 ng

RT: 6.70 min Scan# 785

Delta R.T. 0.02 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

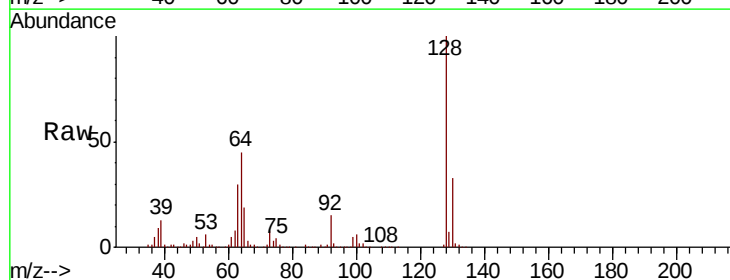
Tgt Ion: 128 Resp: 402328

Ion Ratio Lower Upper

128 100

130 32.6 12.7 52.7

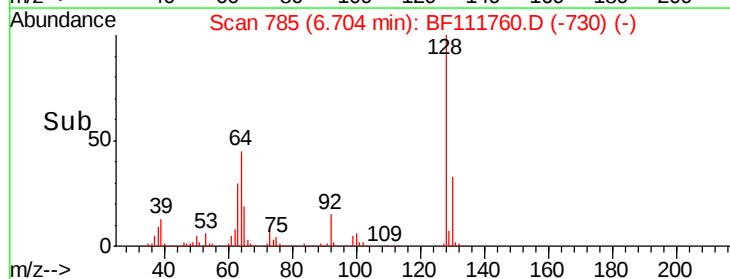
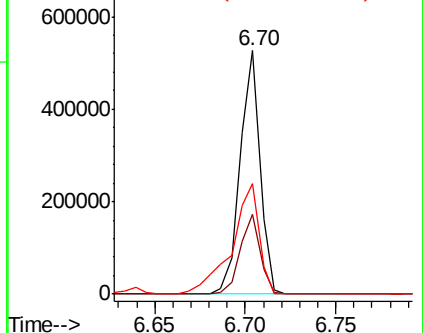
64 45.3 30.0 70.0

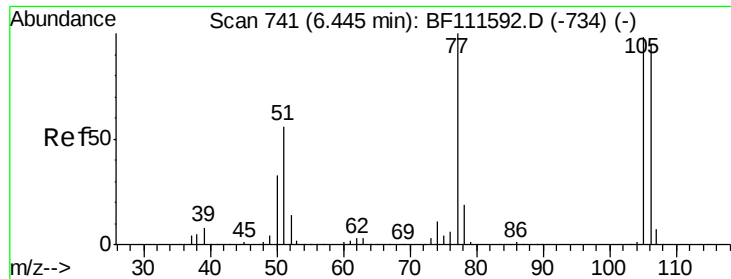


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.901 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MSD

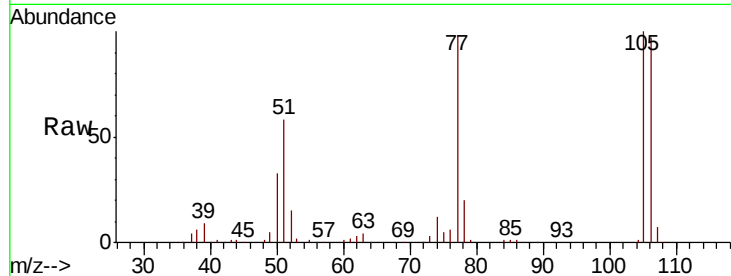
Tgt Ion: 77 Resp: 134964

Ion Ratio Lower Upper

77 100

105 102.3 81.4 121.4

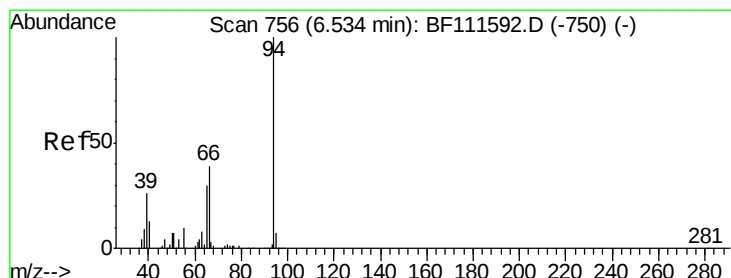
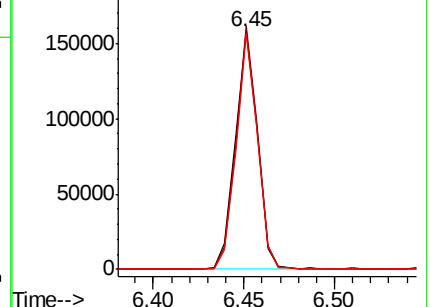
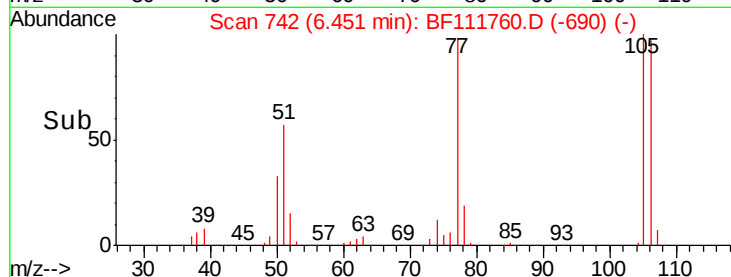
106 98.9 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.907 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.04 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

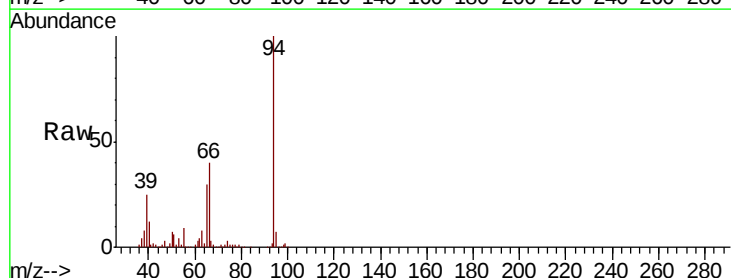
Tgt Ion: 94 Resp: 518340

Ion Ratio Lower Upper

94 100

65 30.0 11.7 51.7

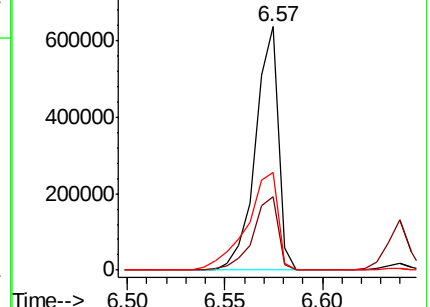
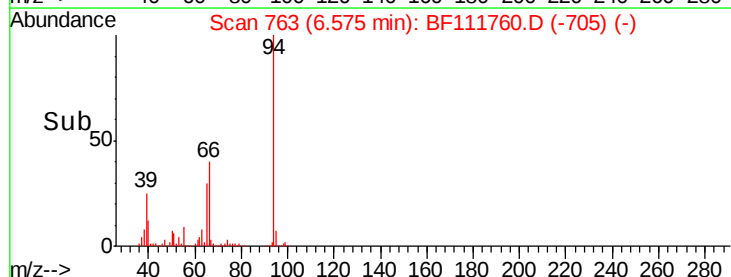
66 40.3 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

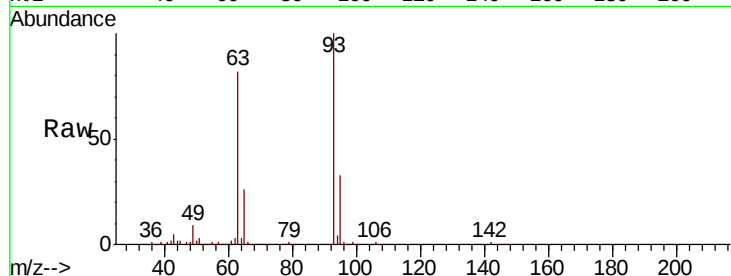




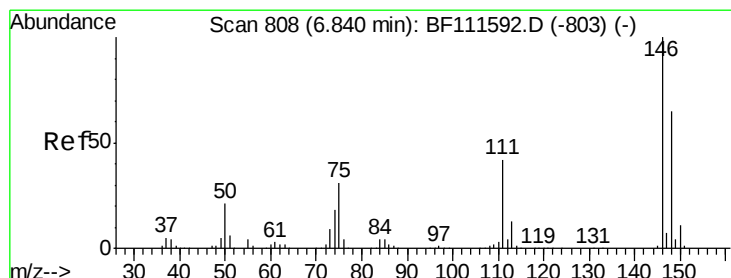
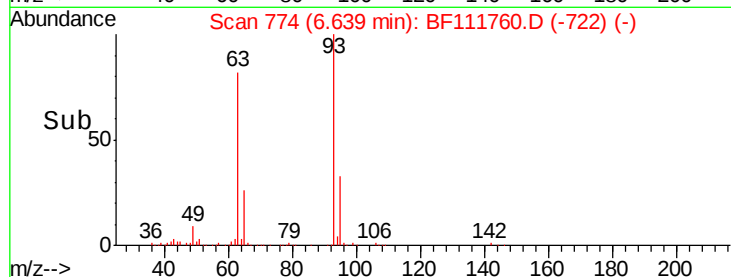
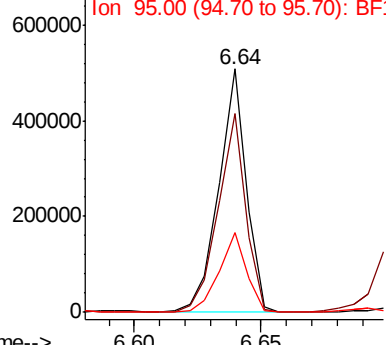
#11
bis(2-Chloroethyl)ether
Concen: 41.480 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MSD

Tgt Ion: 93 Resp: 384461
Ion Ratio Lower Upper
93 100
63 81.9 60.0 100.0
95 32.9 13.4 53.4

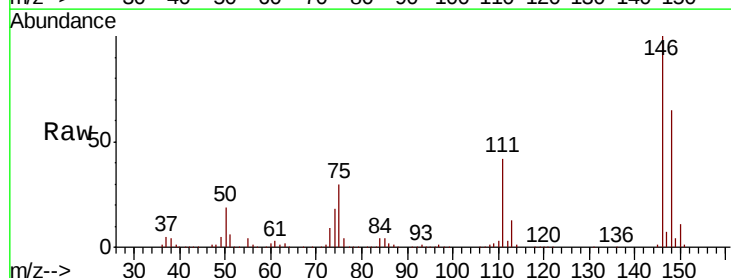


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

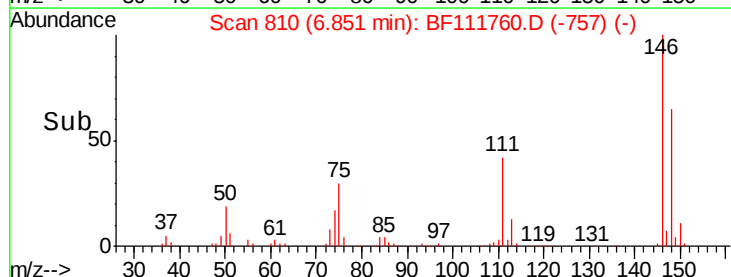
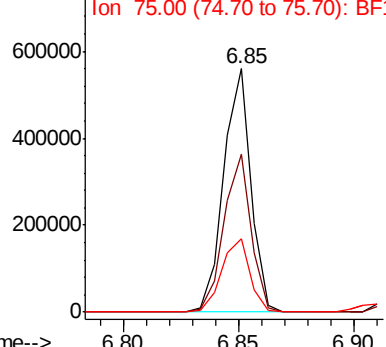


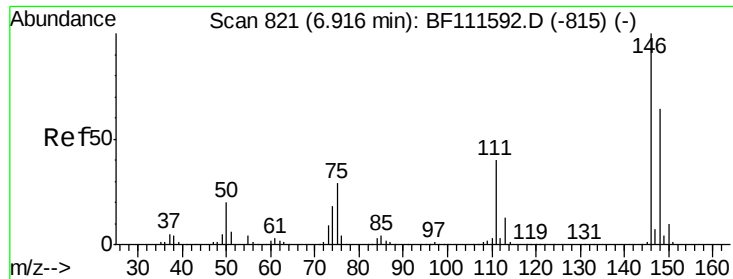
#12
1,3-Dichlorobenzene
Concen: 41.836 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion: 146 Resp: 462621
Ion Ratio Lower Upper
146 100
148 64.6 52.1 78.1
75 30.1 23.9 35.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

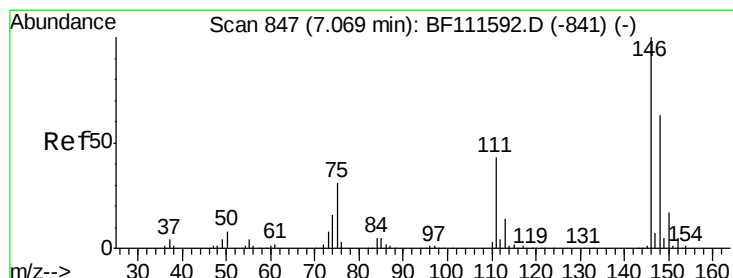
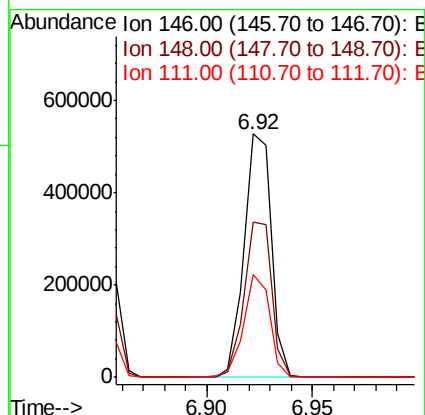
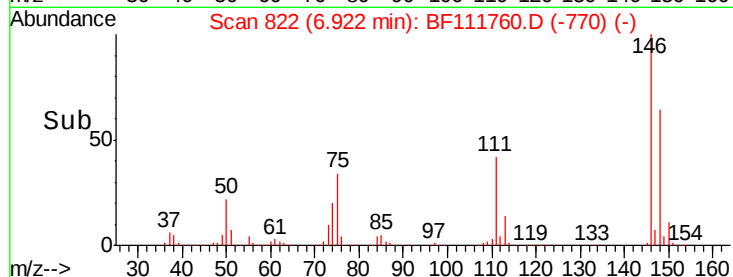
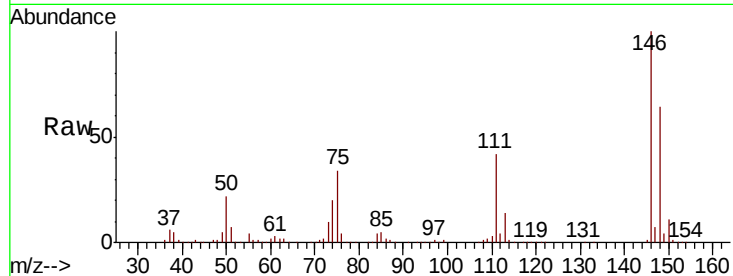




#13
 1,4-Dichlorobenzene
 Concen: 41.960 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

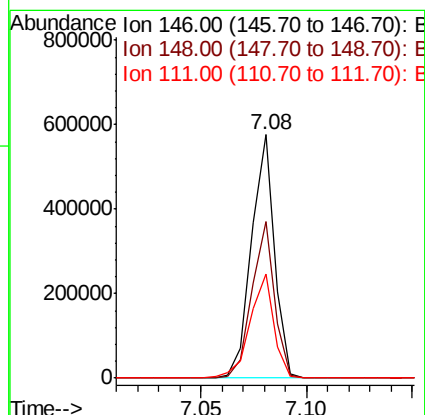
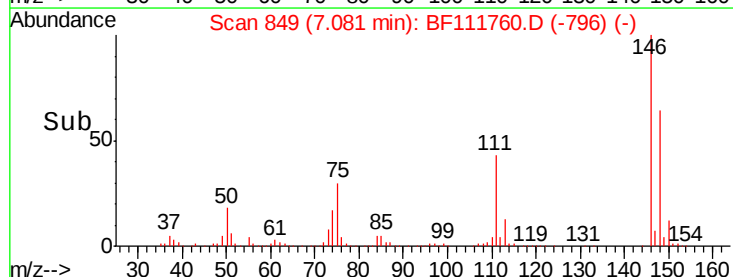
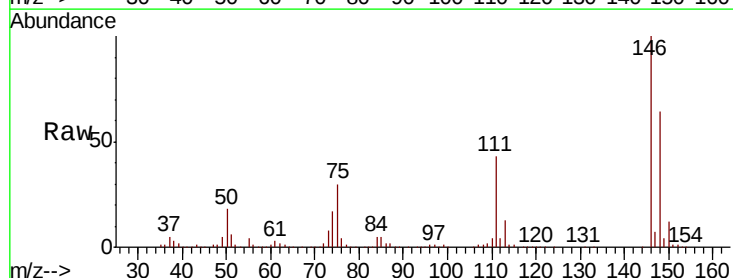
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01MSD

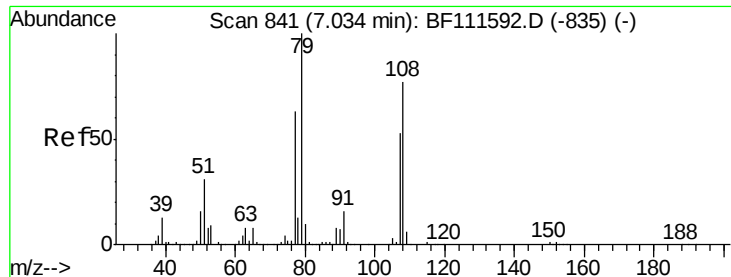
Tgt Ion:146 Resp: 470563
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.8 79.2
 111 42.2 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 41.812 ng
 RT: 7.08 min Scan# 849
 Delta R.T. 0.01 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

Tgt Ion:146 Resp: 437479
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.9 77.9
 111 42.5 36.2 54.4





#15

Benzyl Alcohol

Concen: 40.857 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.02 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MSD

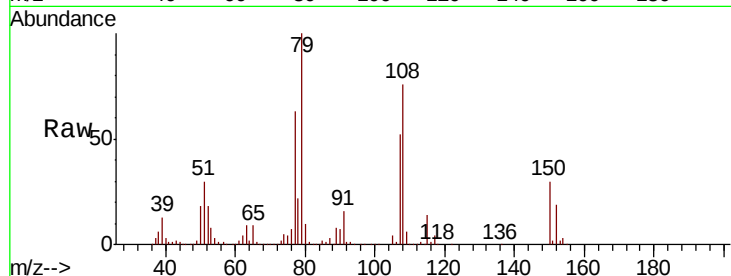
Tgt Ion: 79 Resp: 355711

Ion Ratio Lower Upper

79 100

108 76.2 69.4 104.2

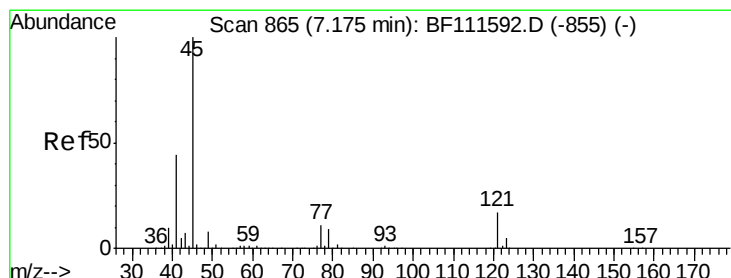
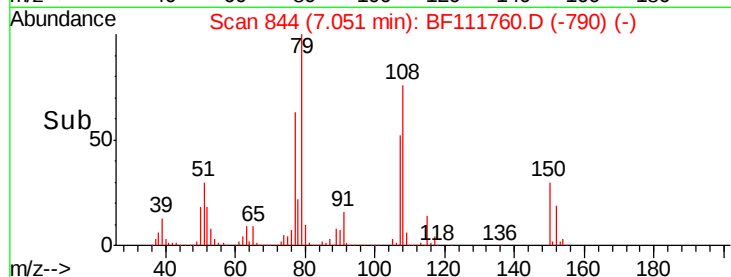
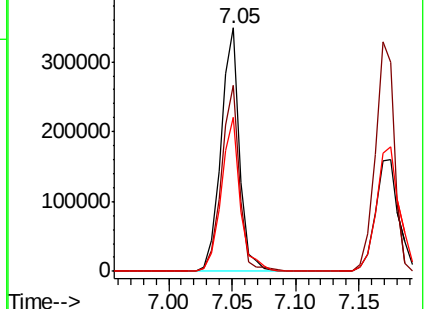
77 63.3 49.7 74.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.303 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

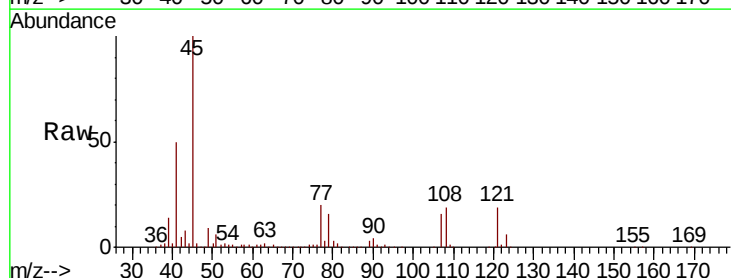
Tgt Ion: 45 Resp: 636767

Ion Ratio Lower Upper

45 100

77 19.7 0.0 31.5

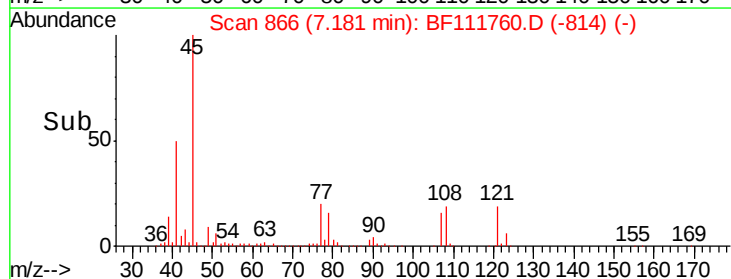
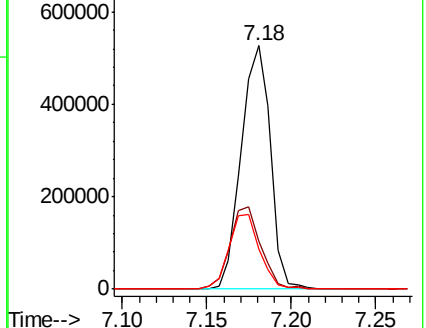
79 16.3 0.0 28.9

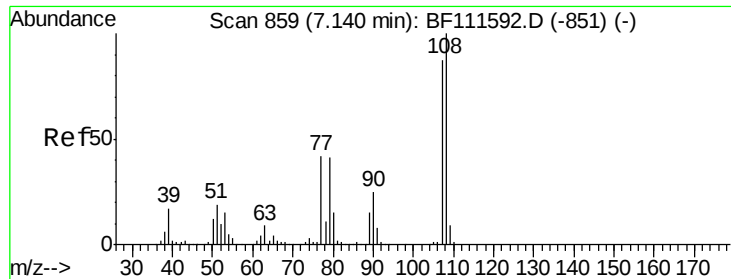


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

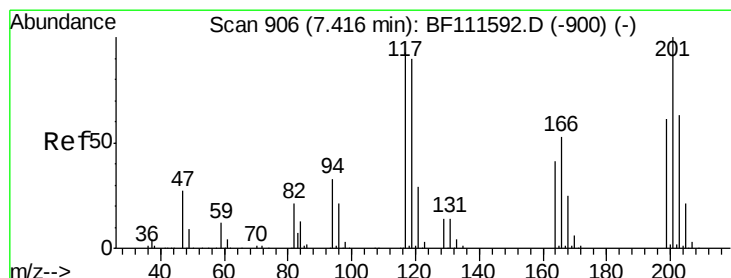
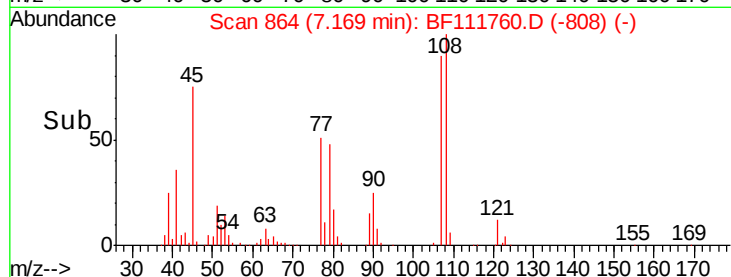
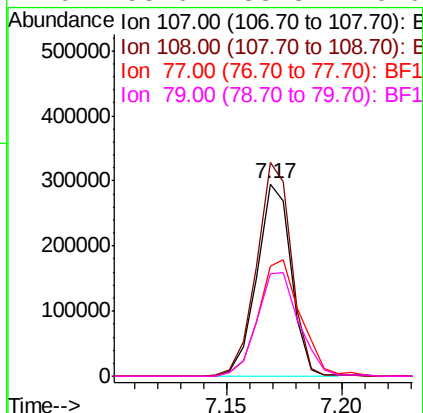
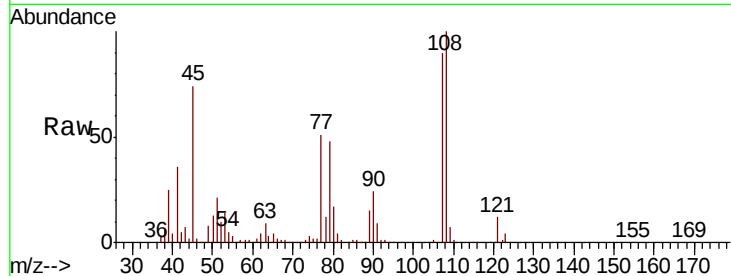




#17
2-Methylphenol
Concen: 40.077 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.03 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

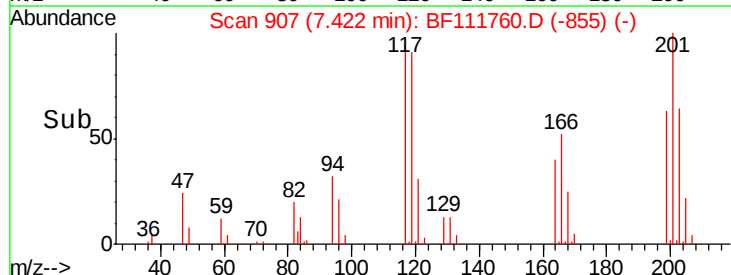
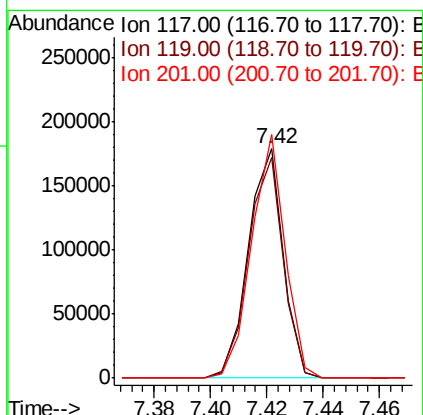
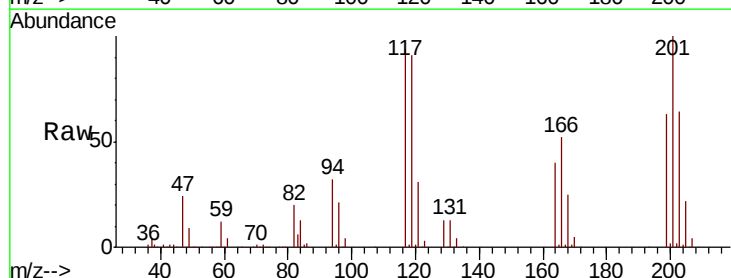
Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MSD

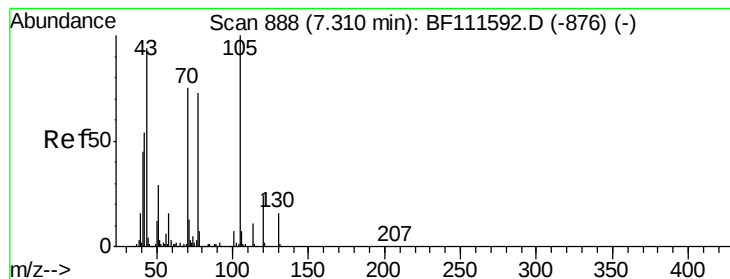
Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.2	91.0	136.4
77	57.2	33.5	50.3#
79	53.6	33.3	49.9#



#18
Hexachloroethane
Concen: 40.389 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.4	113.0
201	106.3	62.4	93.6#





#19

n-Nitroso-di-n-propylamine

Concen: 39.795 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MSD

Tgt Ion: 70 Resp: 289713

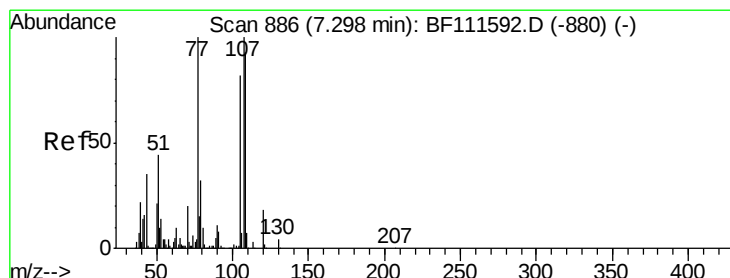
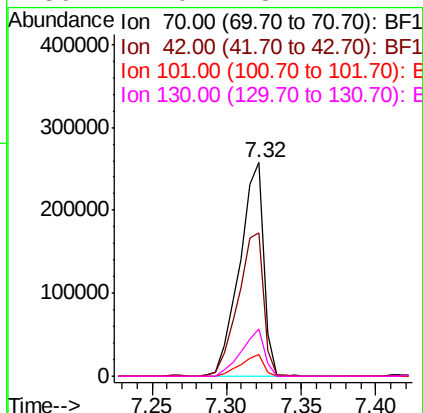
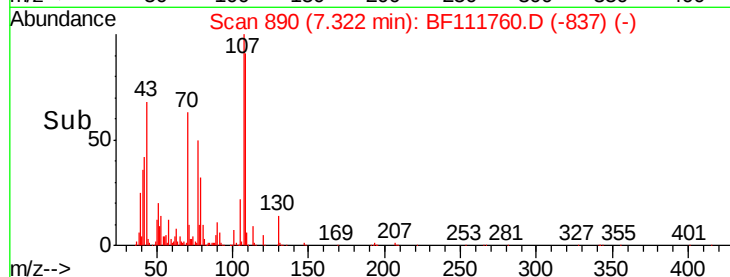
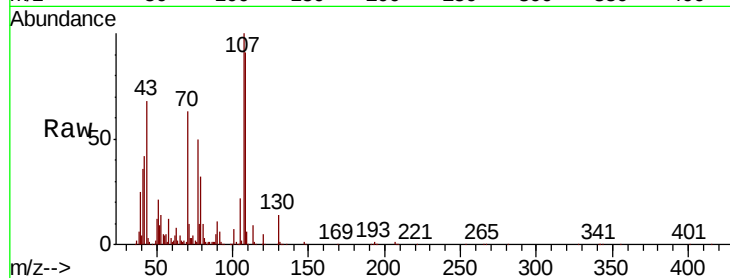
Ion Ratio Lower Upper

70 100

42 67.0 53.2 79.8

101 10.5 8.2 12.4

130 22.0 18.1 27.1



#20

3+4-Methylphenols

Concen: 39.815 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.02 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Tgt Ion: 107 Resp: 384376

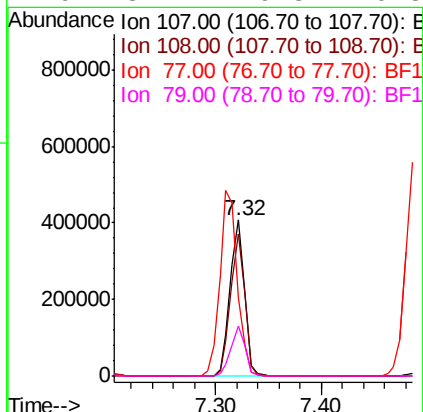
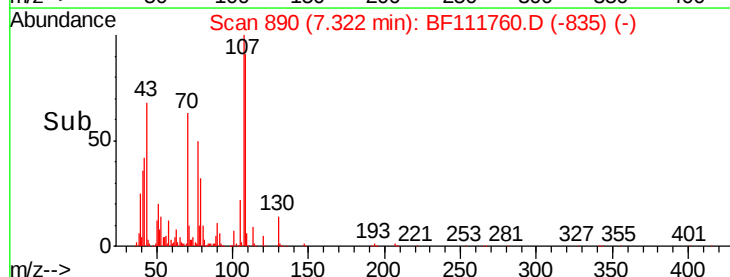
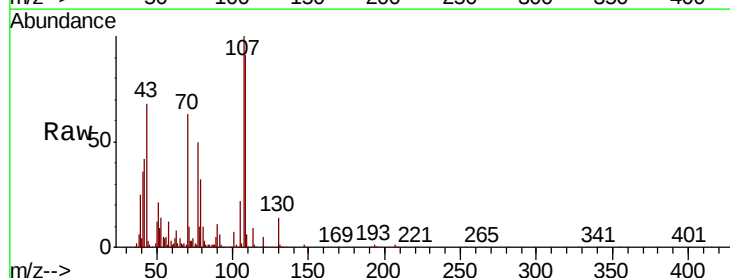
Ion Ratio Lower Upper

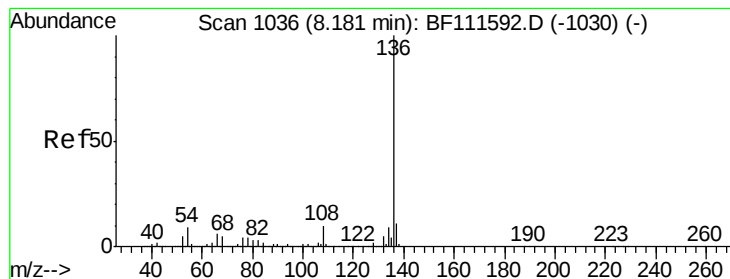
107 100

108 91.2 72.1 112.1

77 50.0 94.1 134.1#

79 32.2 9.8 49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

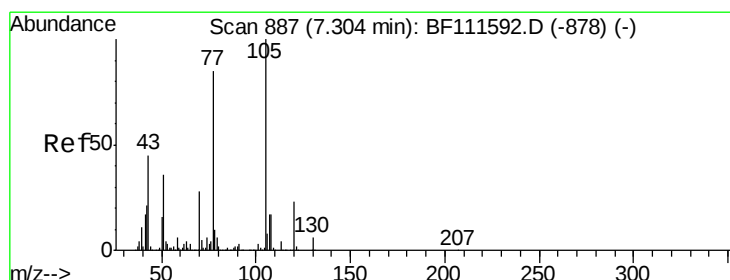
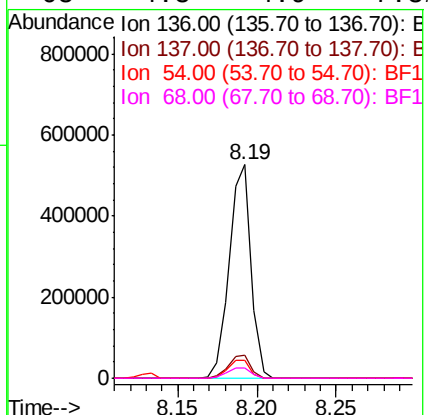
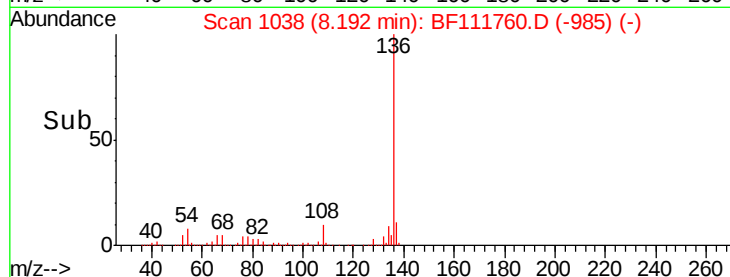
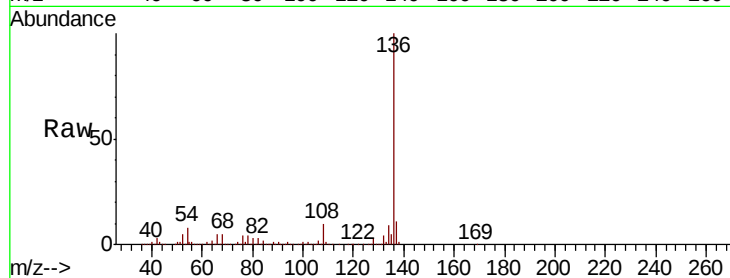
Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MSD

Tgt Ion:	136	Resp:	499466
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.2	7.7	11.5
68	4.8	4.9	7.3#



#22

Acetophenone

Concen: 43.204 ng

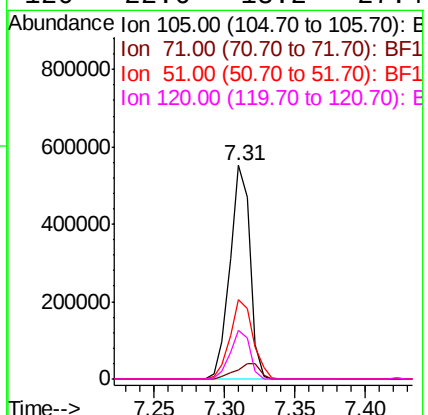
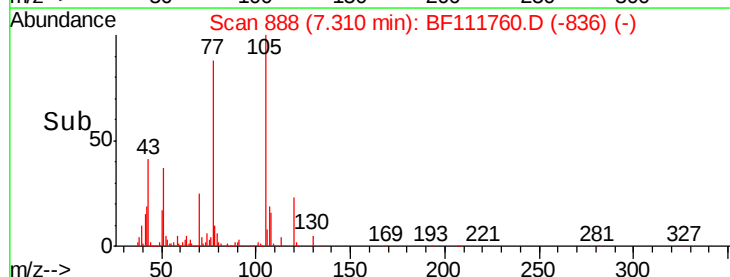
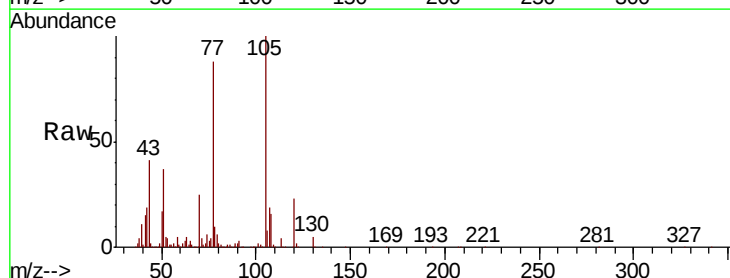
RT: 7.31 min Scan# 888

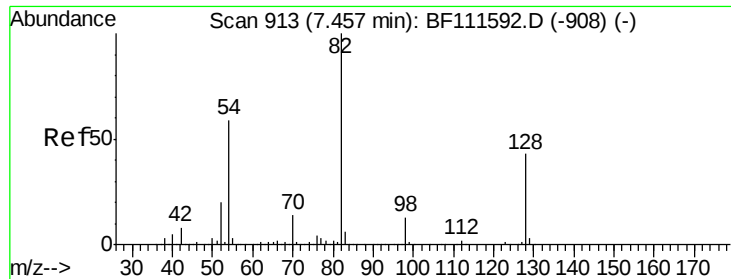
Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Tgt Ion:	105	Resp:	546680
Ion	Ratio	Lower	Upper
105	100		
71	4.2	3.1	4.7
51	37.1	36.6	54.8
120	22.6	18.2	27.4

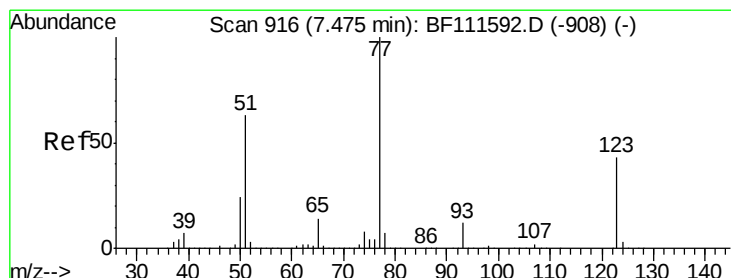
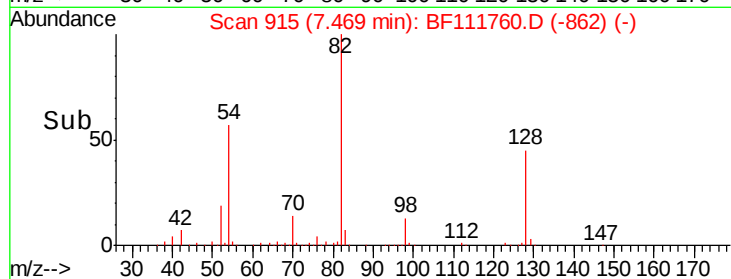
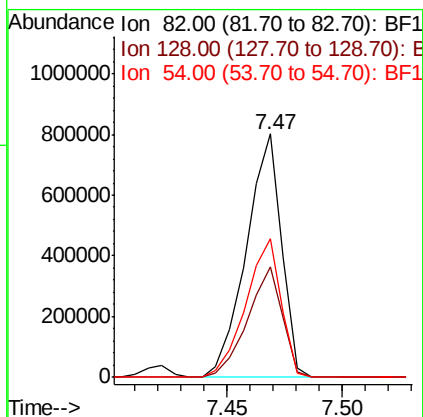
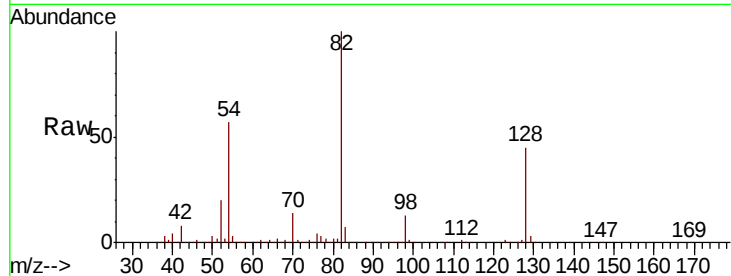




#23
 Nitrobenzene-d5
 Concen: 99.380 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

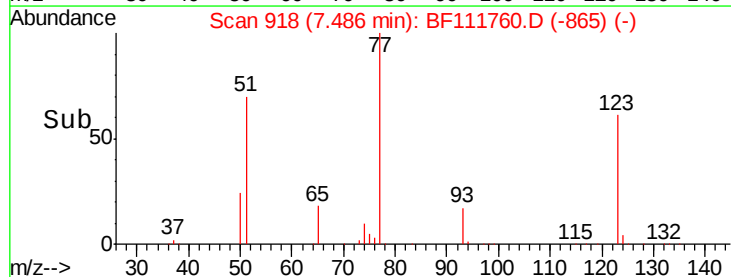
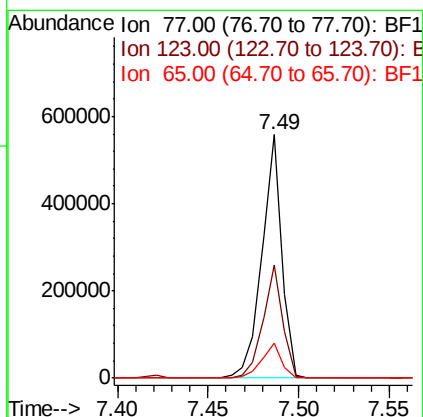
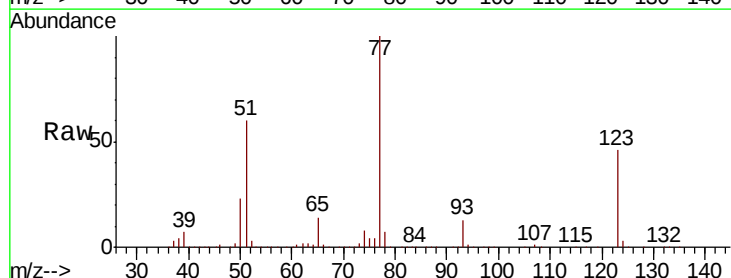
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01MSD

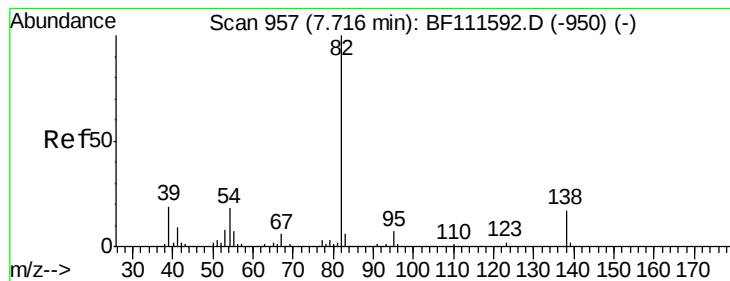
Tgt Ion: 82 Resp: 852756
 Ion Ratio Lower Upper
 82 100
 128 45.1 37.4 56.2
 54 57.2 47.6 71.4



#24
 Nitrobenzene
 Concen: 47.399 ng
 RT: 7.49 min Scan# 918
 Delta R.T. 0.01 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

Tgt Ion: 77 Resp: 426275
 Ion Ratio Lower Upper
 77 100
 123 46.4 37.2 55.8
 65 14.3 11.5 17.3





#25

Isophorone

Concen: 48.025 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MSD

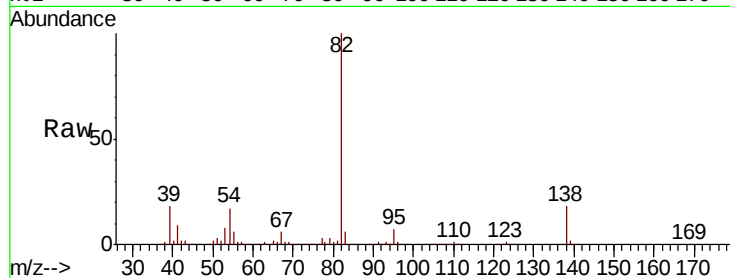
Tgt Ion: 82 Resp: 731574

Ion Ratio Lower Upper

82 100

95 7.5 5.4 8.2

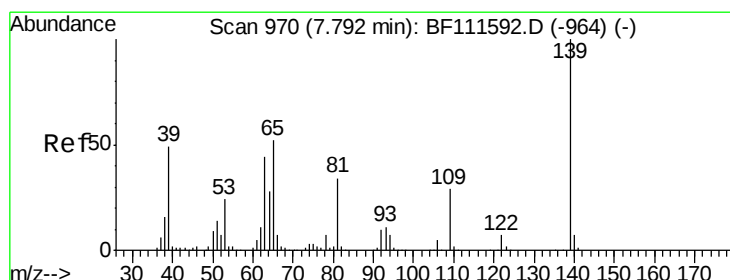
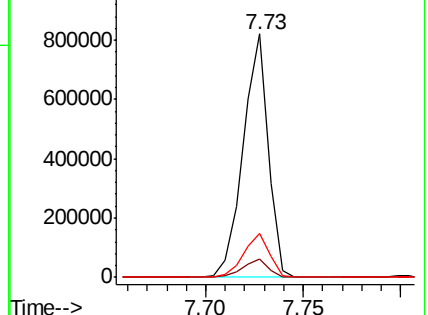
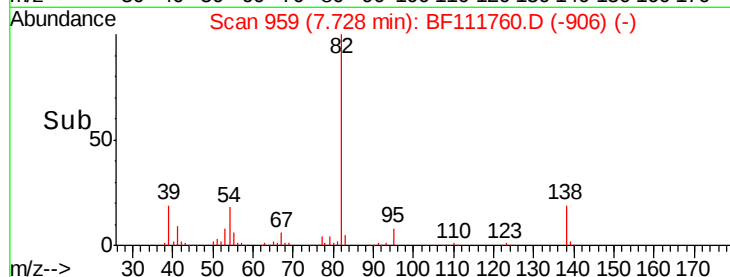
138 18.3 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 56.032 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

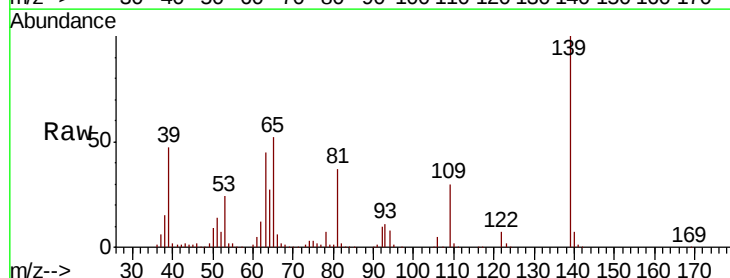
Tgt Ion: 139 Resp: 204374

Ion Ratio Lower Upper

139 100

109 30.0 20.2 30.4

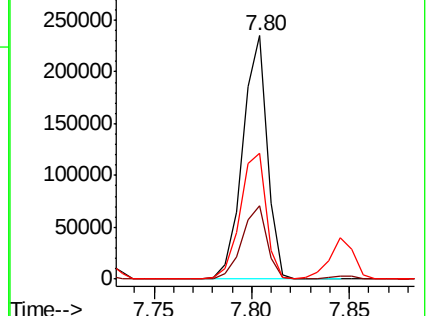
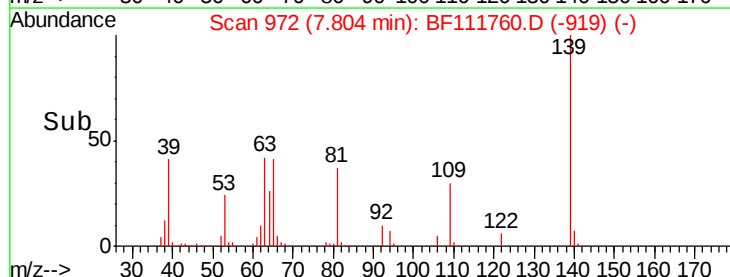
65 51.9 40.7 61.1

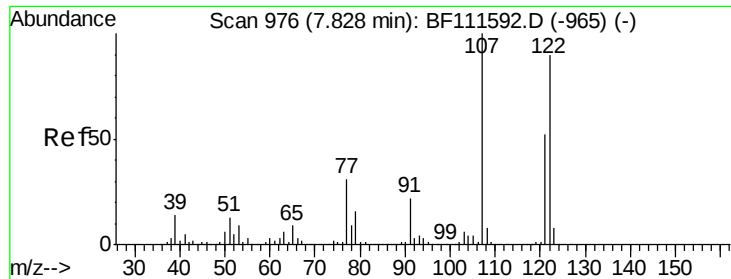


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

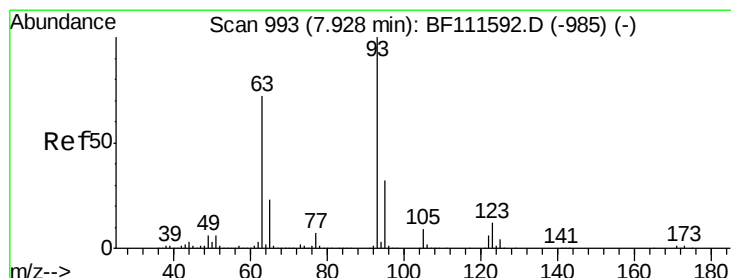
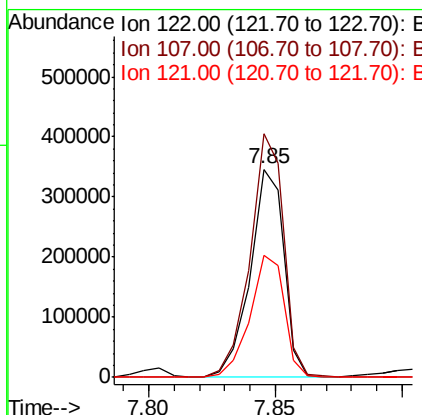
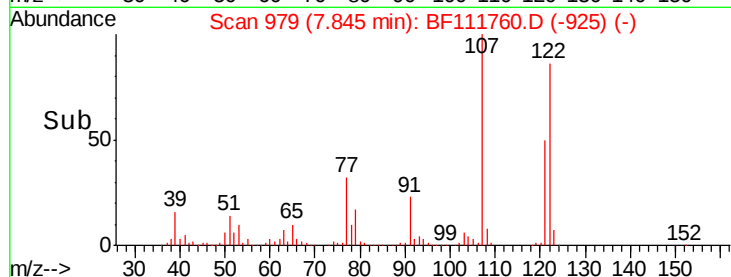
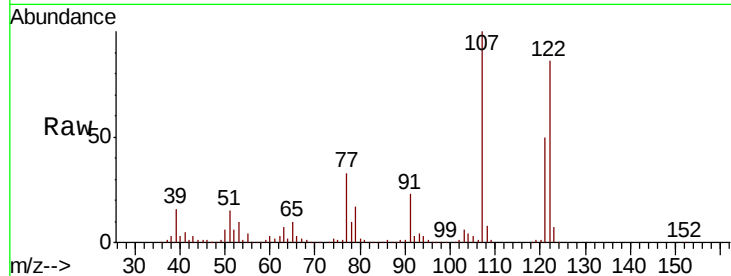




#27
2,4-Dimethylphenol
Concen: 45.011 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.02 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

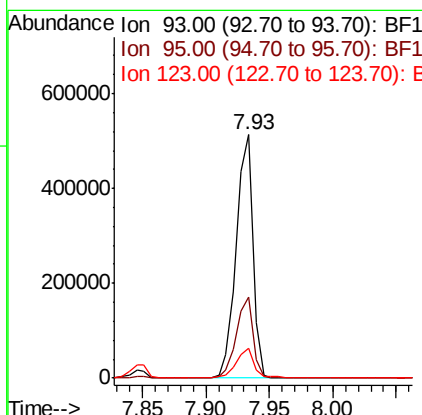
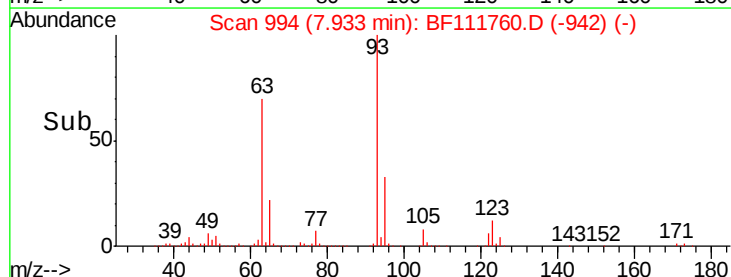
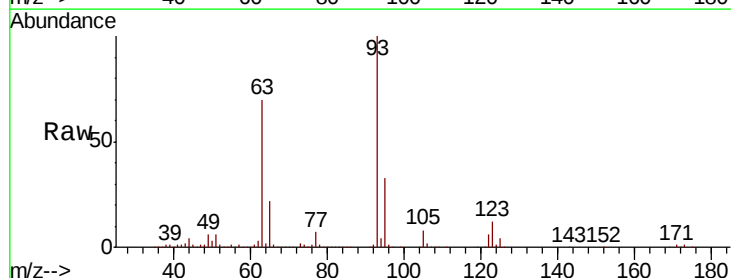
Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MSD

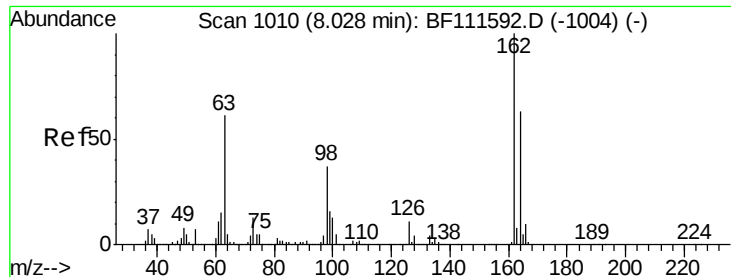
Tgt Ion:122 Resp: 323633
Ion Ratio Lower Upper
122 100
107 116.9 85.5 128.3
121 58.3 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 45.790 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion: 93 Resp: 464169
Ion Ratio Lower Upper
93 100
95 33.0 27.1 40.7
123 12.0 9.9 14.9

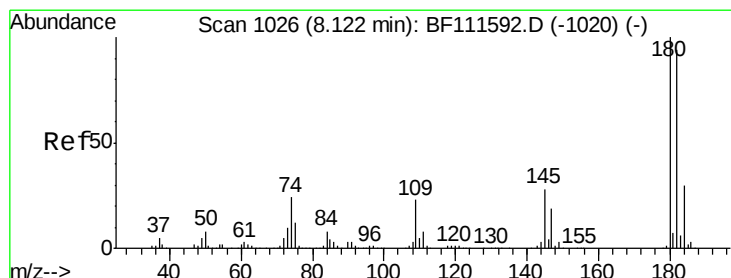
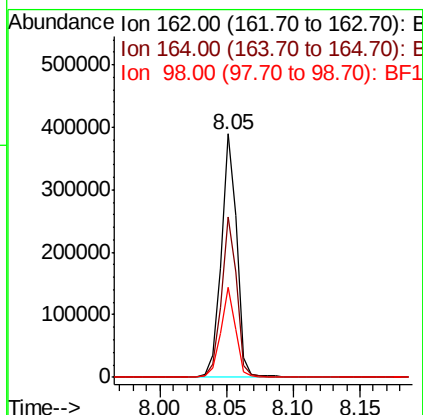
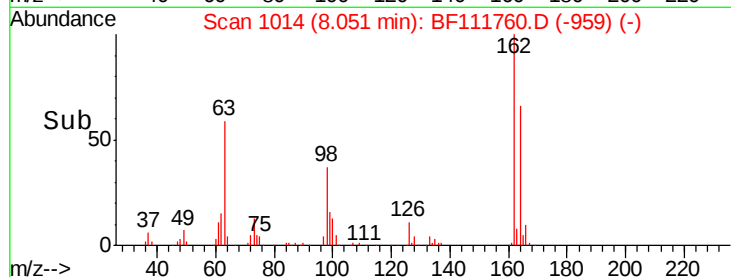
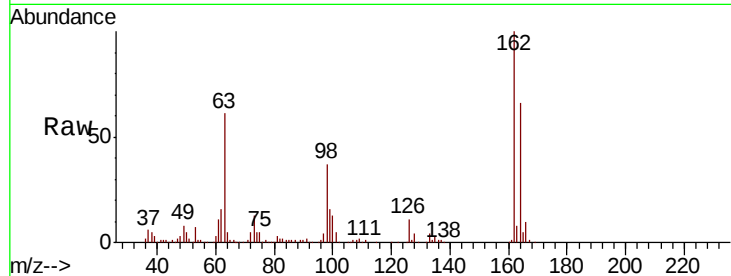




#29
2,4-Dichlorophenol
Concen: 41.634 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.02 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

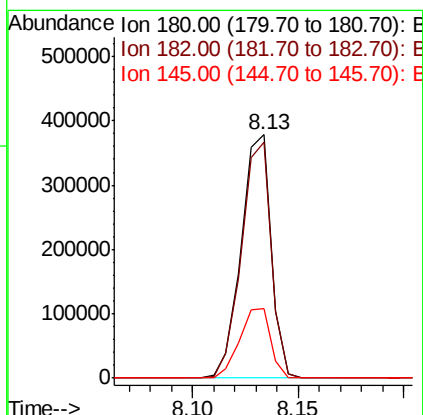
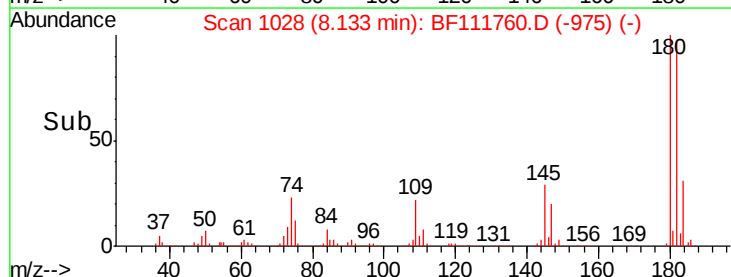
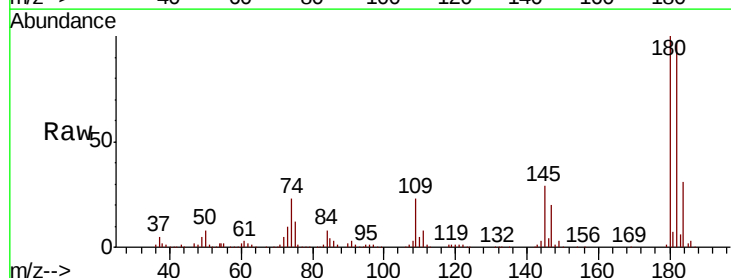
Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MSD

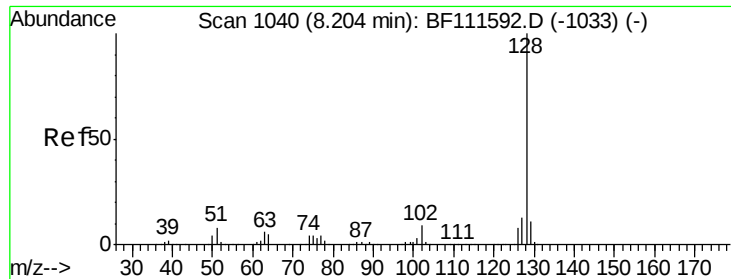
Tgt Ion:162 Resp: 321985
Ion Ratio Lower Upper
162 100
164 65.9 44.4 84.4
98 36.9 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 43.144 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion:180 Resp: 371810
Ion Ratio Lower Upper
180 100
182 96.9 75.6 113.4
145 28.7 26.7 40.1

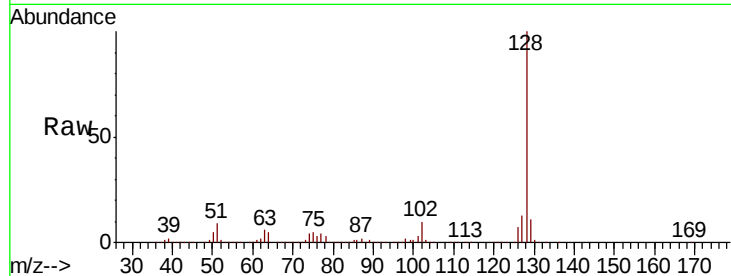




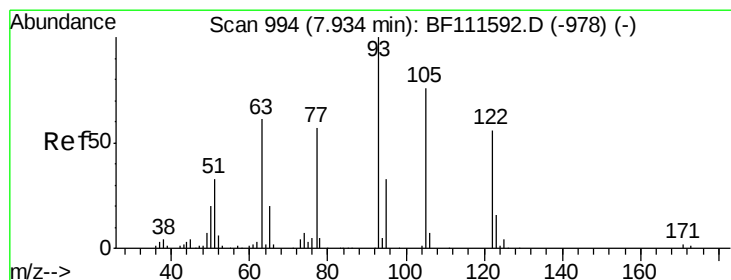
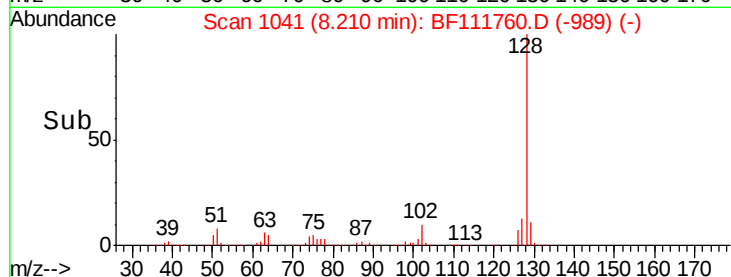
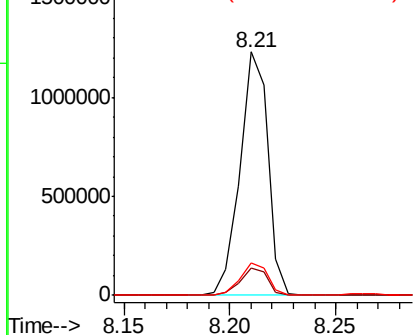
#31
Naphthalene
Concen: 46.799 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MSD

Tgt Ion:128 Resp: 1123116
Ion Ratio Lower Upper
128 100
129 11.3 9.8 14.8
127 13.2 12.0 18.0

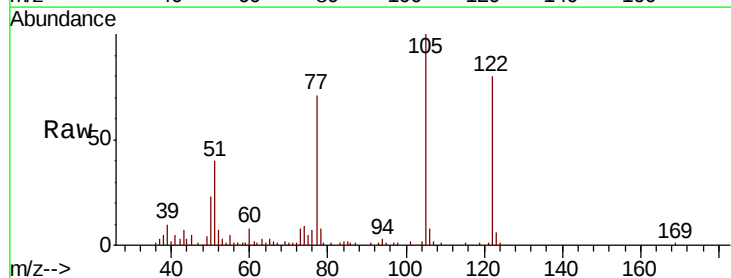


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

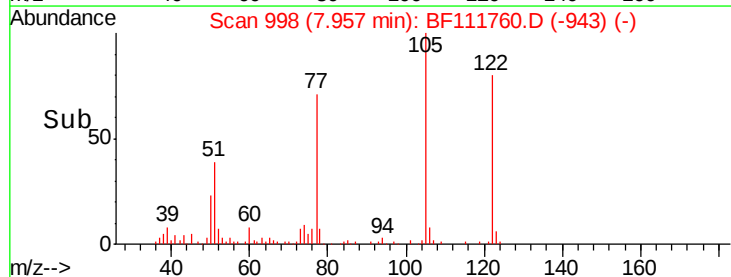
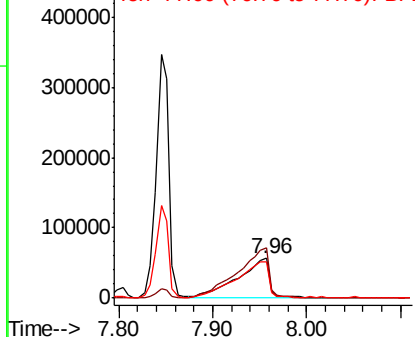


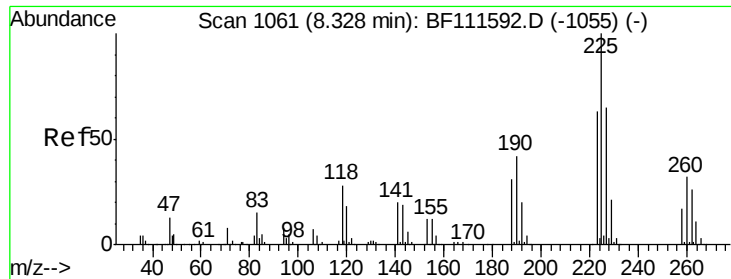
#32
Benzoic acid
Concen: 27.518 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.02 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion:122 Resp: 130820
Ion Ratio Lower Upper
122 100
105 125.5 97.0 137.0
77 89.7 65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

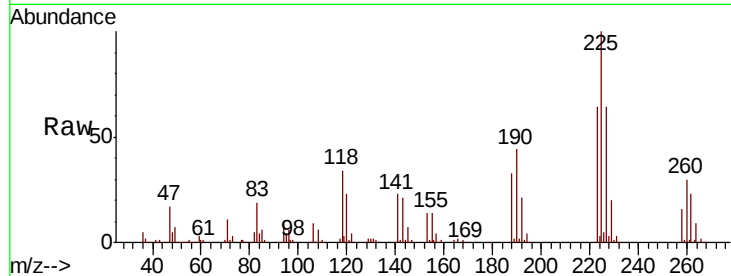




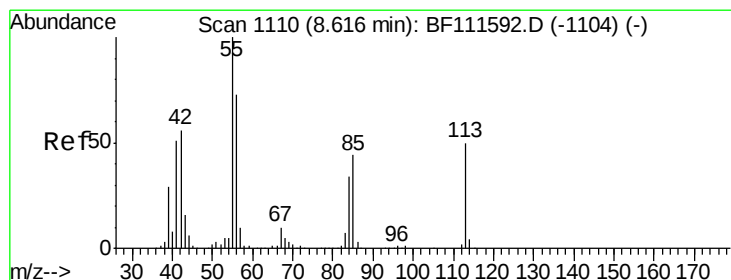
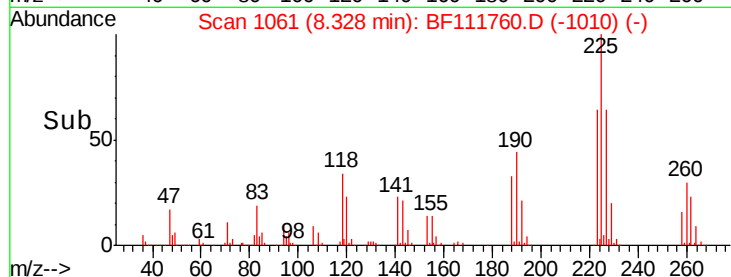
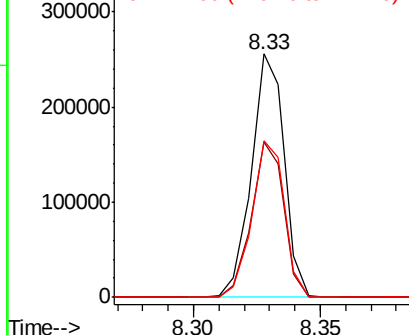
#34
Hexachlorobutadiene
Concen: 43.729 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.7	76.1
227	64.2	52.6	78.8

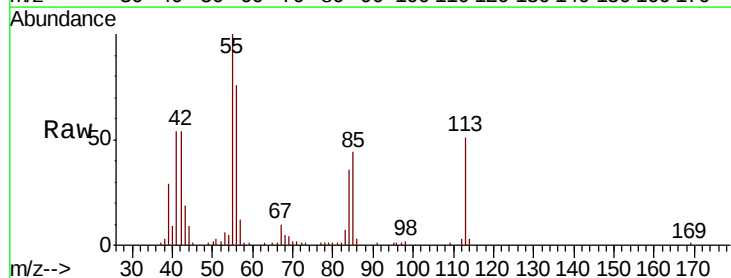


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

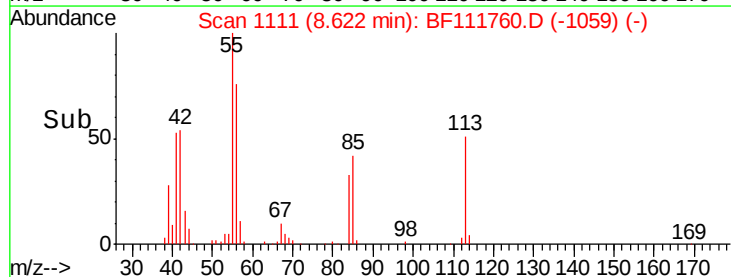
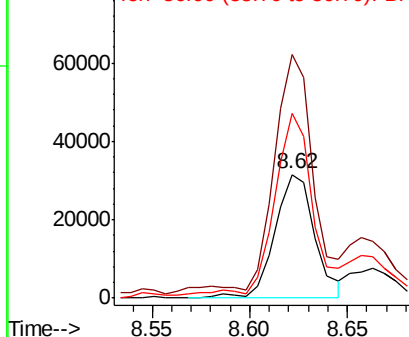


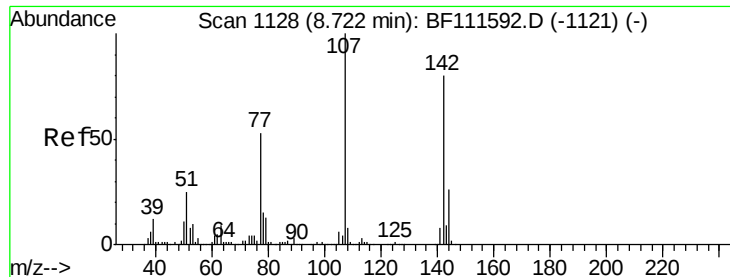
#35
Caprolactam
Concen: 16.978 ng
RT: 8.62 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Lower	Upper
113	100		
55	196.9	184.1	224.1
56	149.0	126.0	166.0



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

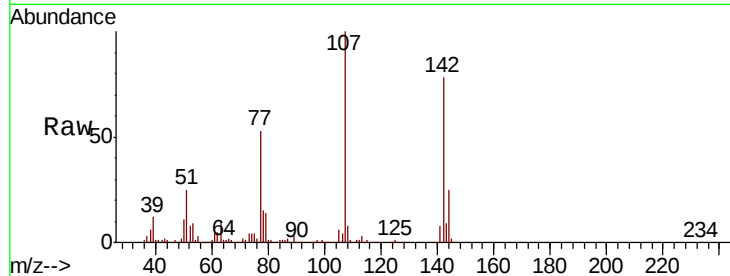




#36
 4-Chloro-3-methylphenol
 Concen: 39.159 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. 0.02 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.8	29.6
142	78.1	62.3	93.5

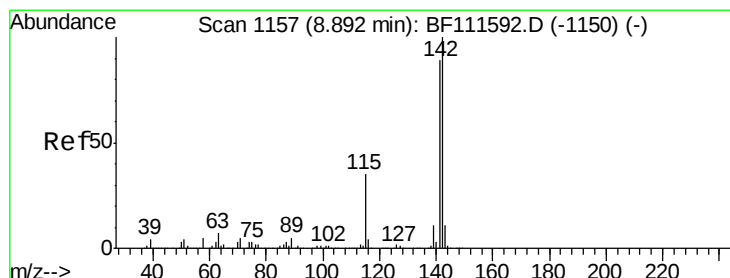
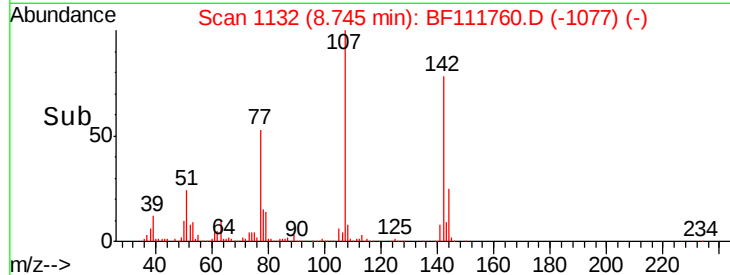
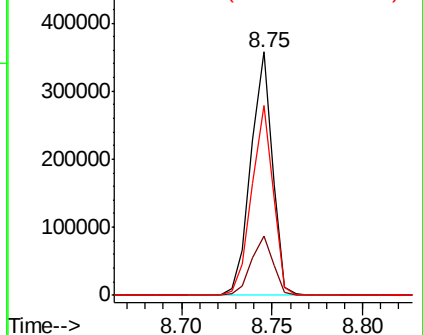


Abundance

Ion 107.00 (106.70 to 107.70): E

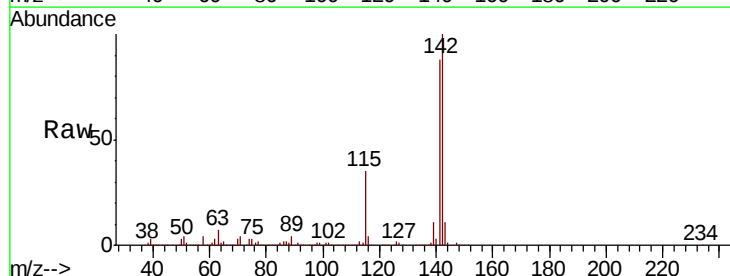
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
 2-Methylnaphthalene
 Concen: 46.302 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. 0.01 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.6	105.8
115	35.1	27.0	40.6

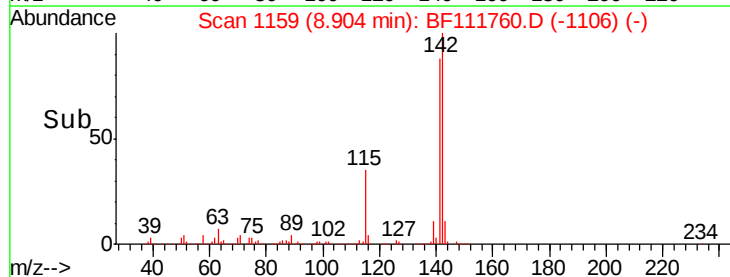
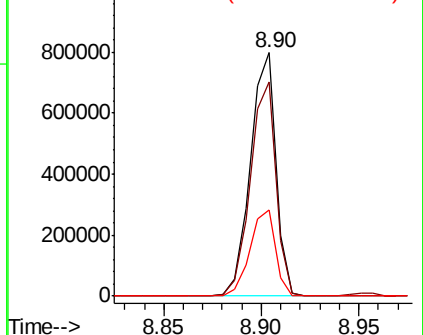


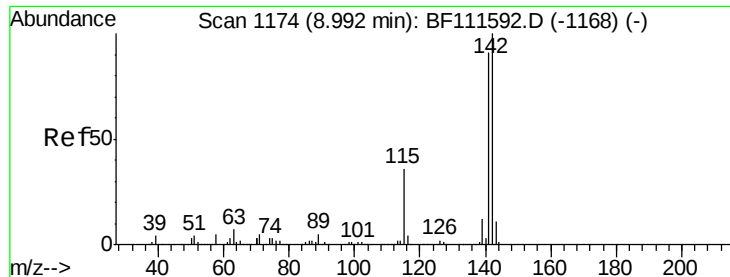
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

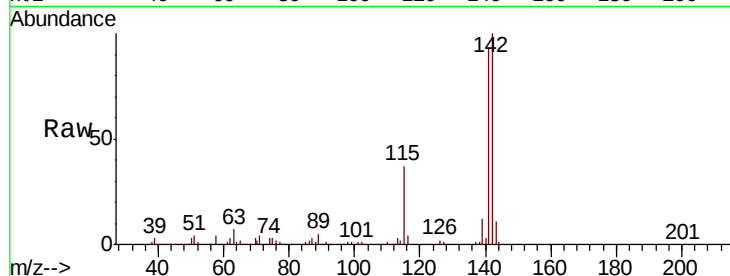




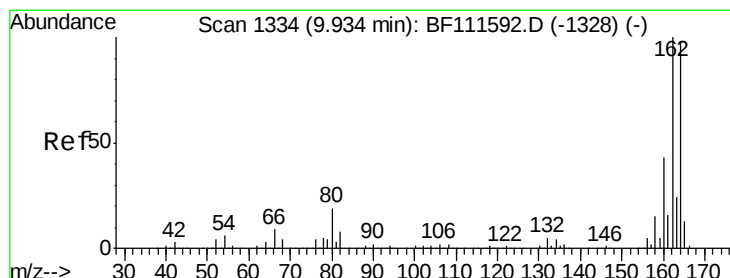
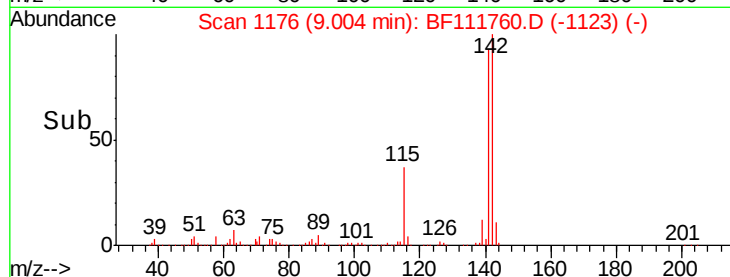
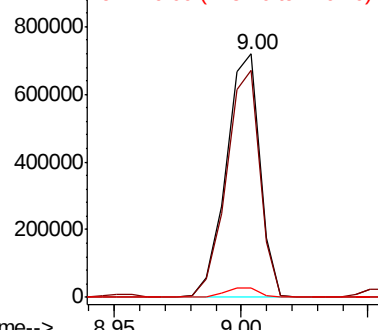
#38
1-Methylnaphthalene
Concen: 44.733 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MSD

Tgt Ion:142 Resp: 670787
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.4
116 3.6 2.9 4.3

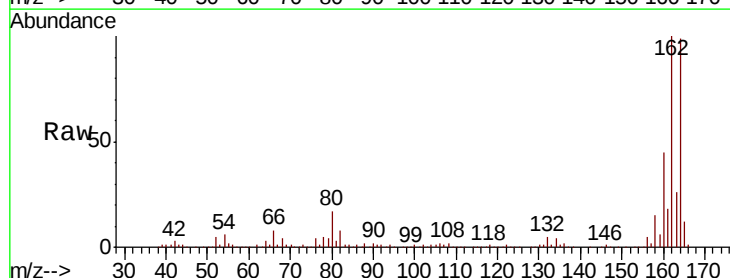


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

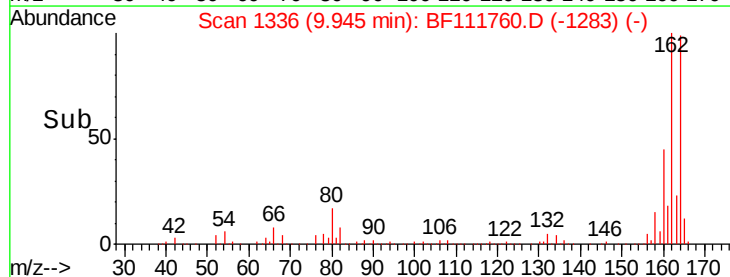
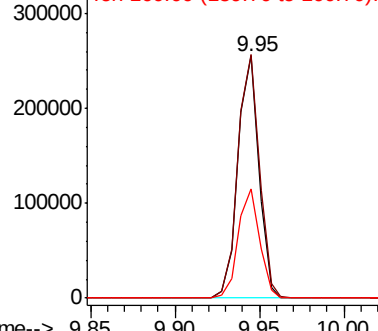


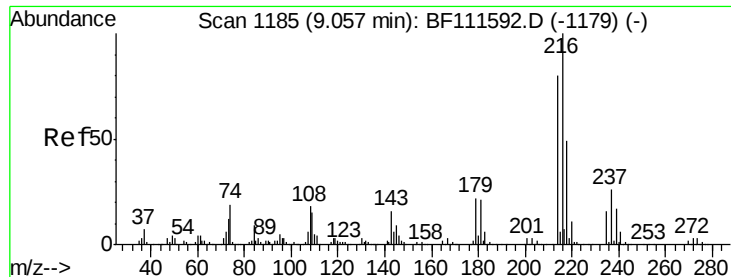
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion:164 Resp: 220042
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 45.0 35.7 53.5



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

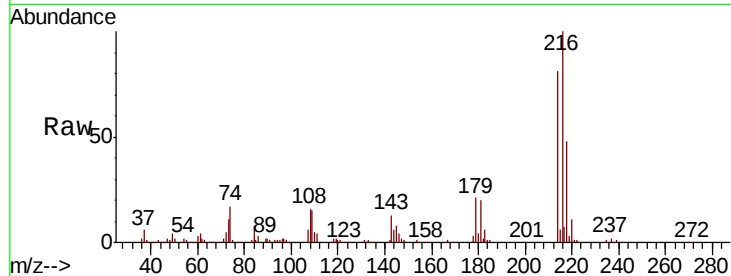




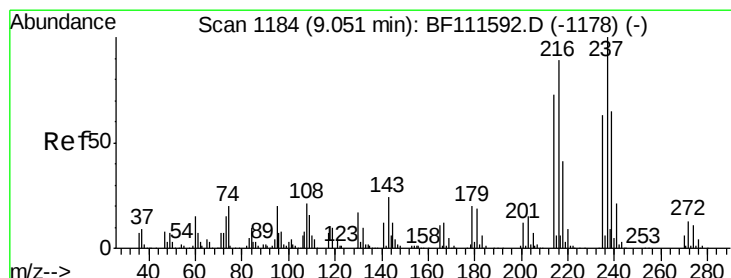
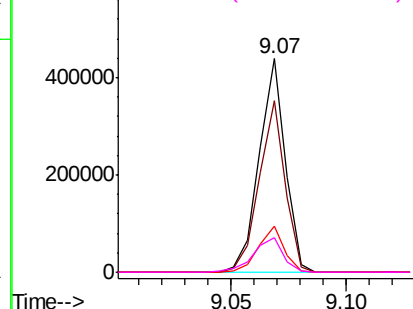
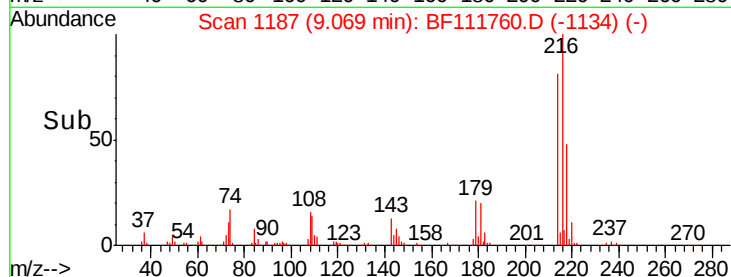
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.105 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01MSD

Tgt Ion:	216	Resp:	347824
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.8	95.8
179	21.0	17.9	26.9
108	18.6	18.4	27.6

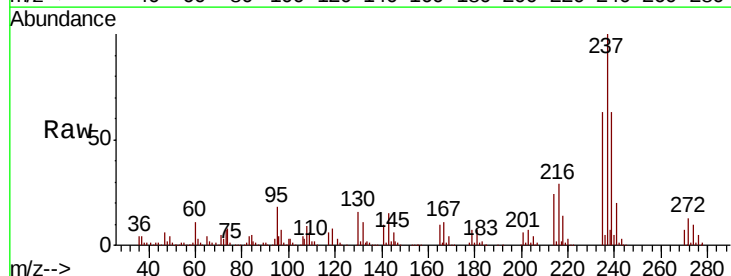


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

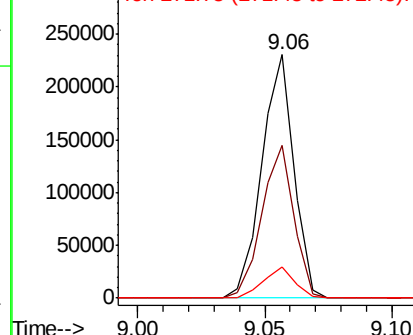
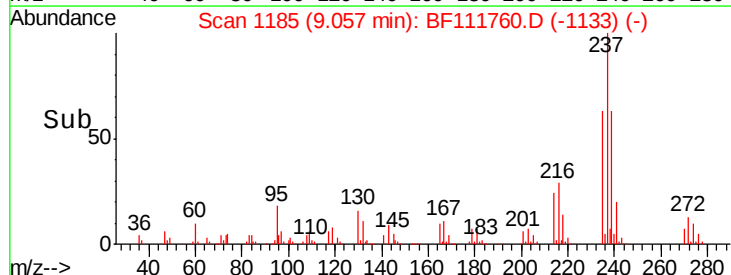


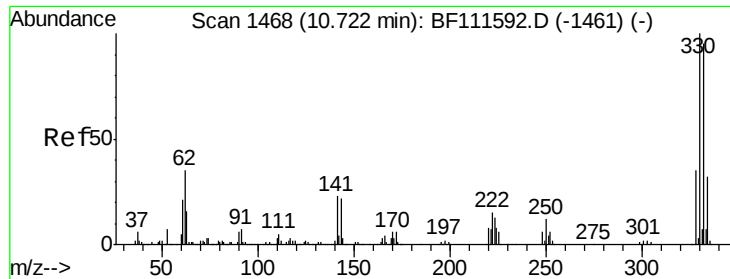
#41
 Hexachlorocyclopentadiene
 Concen: 57.452 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

Tgt Ion:	237	Resp:	201585
Ion	Ratio	Lower	Upper
237	100		
235	62.8	43.1	83.1
272	12.6	0.0	33.0



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

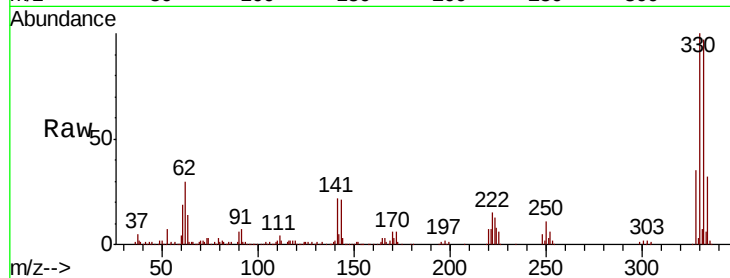




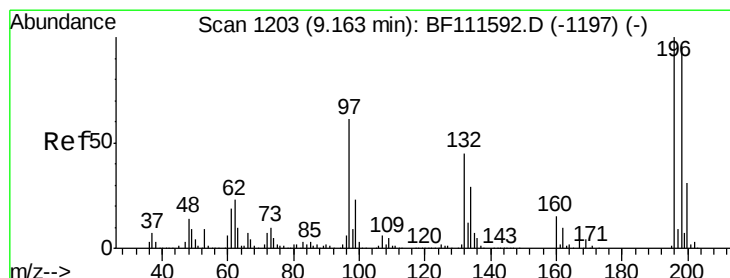
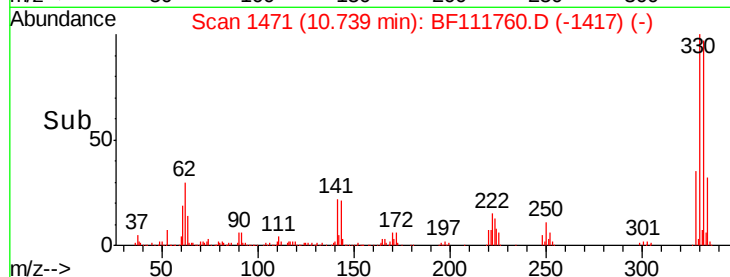
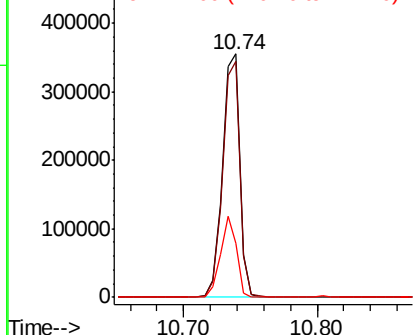
#42
 2,4,6-Tribromophenol
 Concen: 125.974 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. 0.02 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01MSD

Tgt Ion:330 Resp: 327527
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.0 114.0
 141 30.7 31.0 46.6#

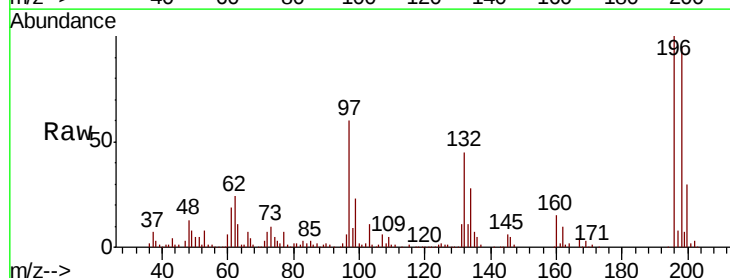


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

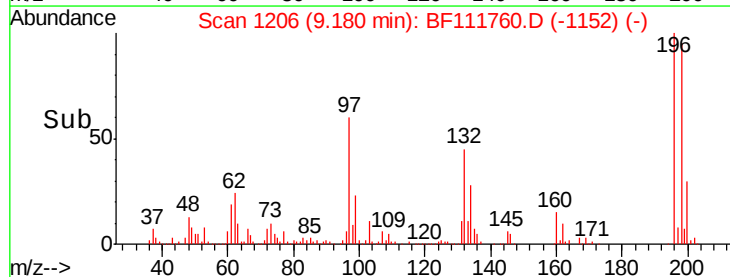
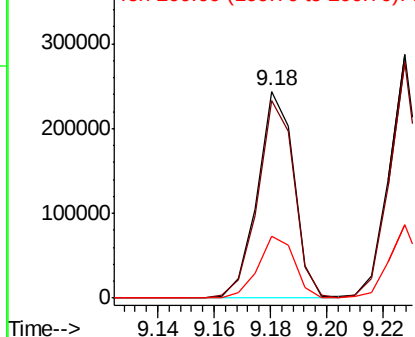


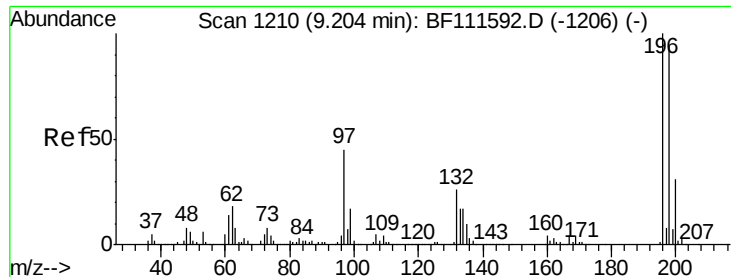
#43
 2,4,6-Trichlorophenol
 Concen: 45.316 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.02 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

Tgt Ion:196 Resp: 218764
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.3 114.5
 200 29.9 24.9 37.3



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

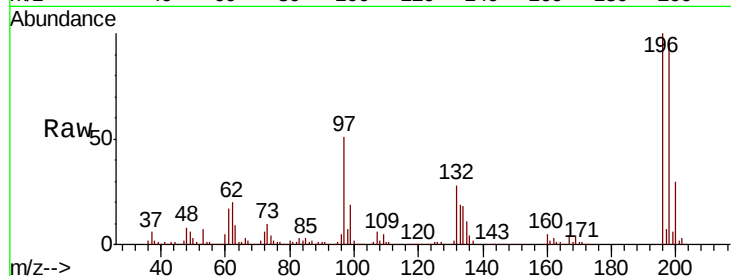




#44
2,4,5-Trichlorophenol
Concen: 43.783 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.02 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	72.9	109.3
97	50.9	45.3	67.9
132	28.2	25.5	38.3



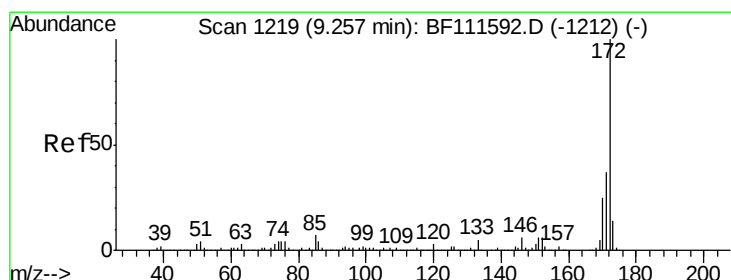
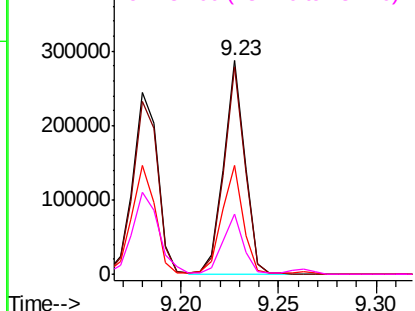
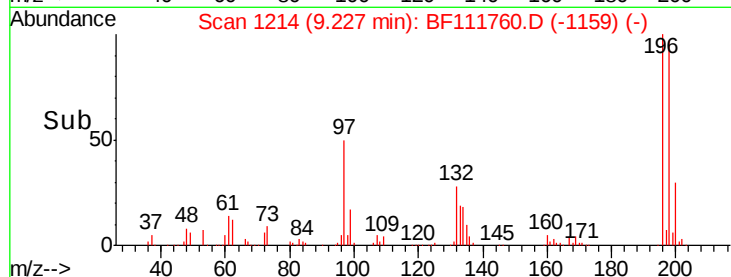
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

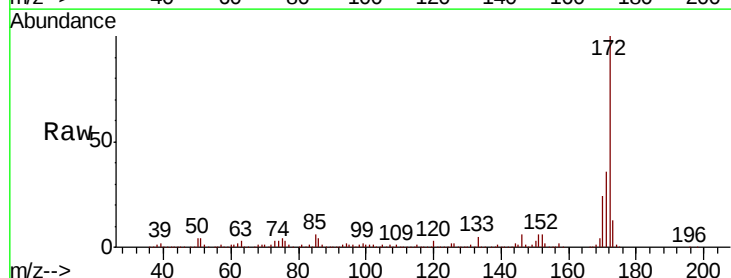
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
2-Fluorobiphenyl
Concen: 94.321 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	33.0	49.4
170	24.3	22.3	33.5

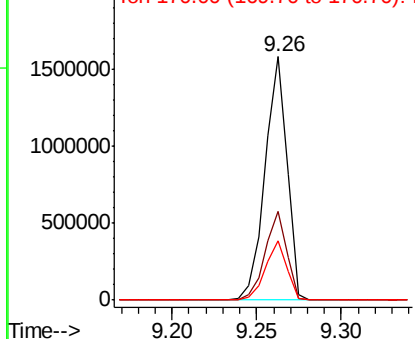
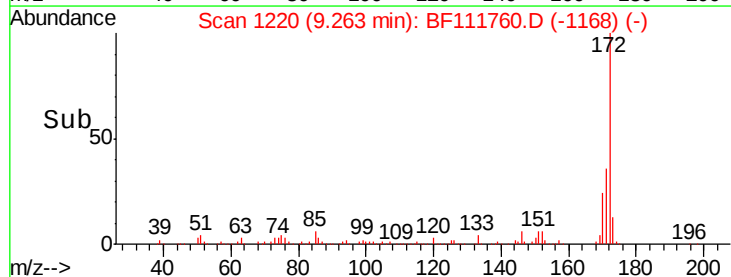


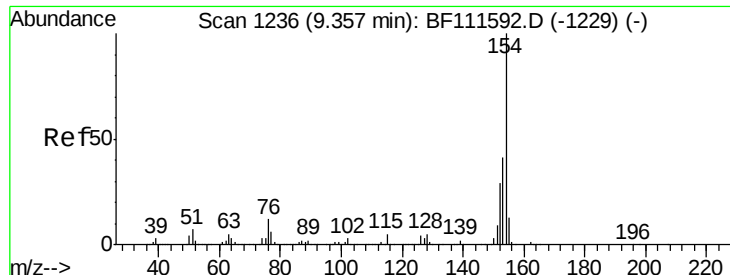
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

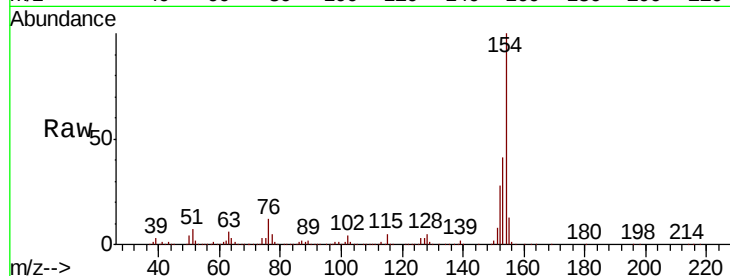




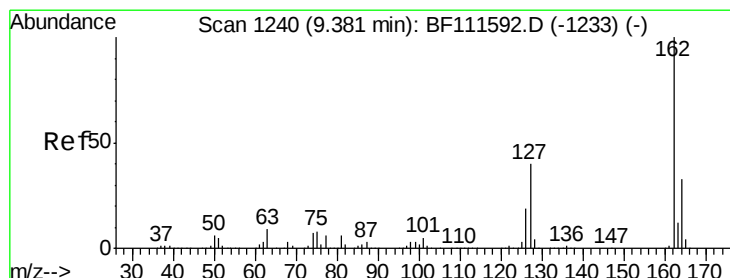
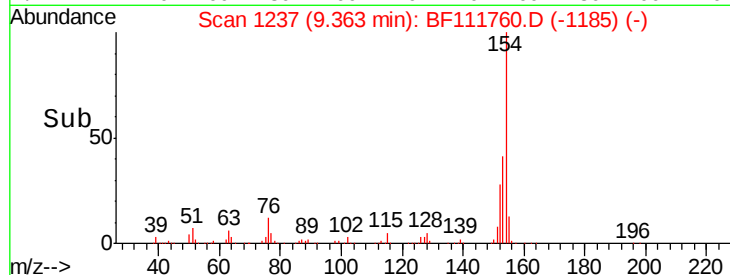
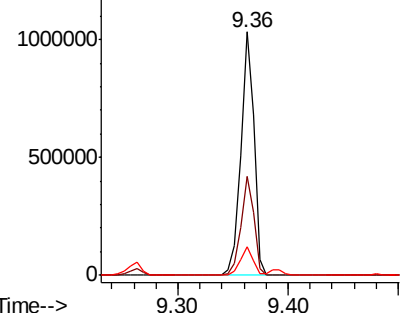
#46
 1,1'-Biphenyl
 Concen: 46.473 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01MSD

Tgt Ion:154 Resp: 863234
 Ion Ratio Lower Upper
 154 100
 153 40.6 23.7 63.7
 76 11.9 0.0 35.0

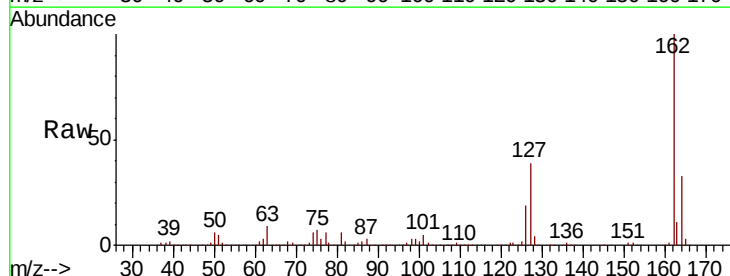


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

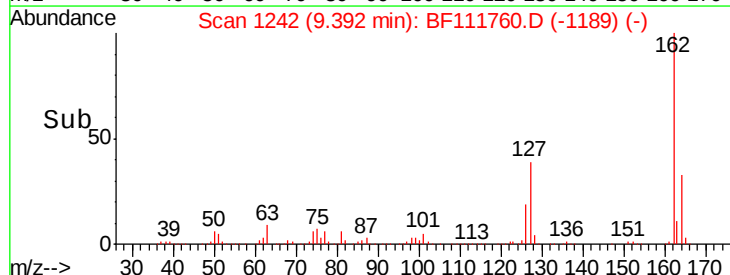
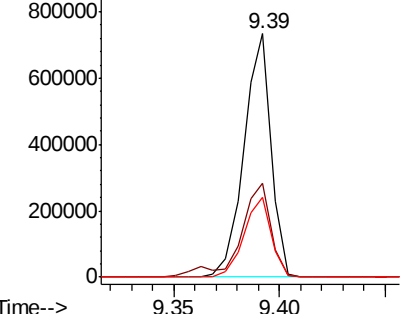


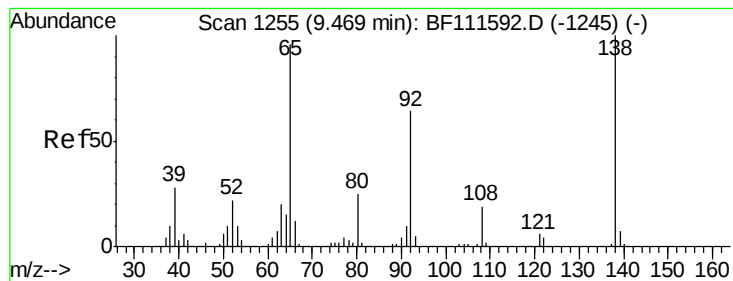
#47
 2-Chloronaphthalene
 Concen: 44.520 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

Tgt Ion:162 Resp: 655181
 Ion Ratio Lower Upper
 162 100
 127 38.7 35.0 52.4
 164 33.0 28.4 42.6



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





#48

2-Nitroaniline

Concen: 49.739 ng

RT: 9.48 min Scan# 1257

Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MSD

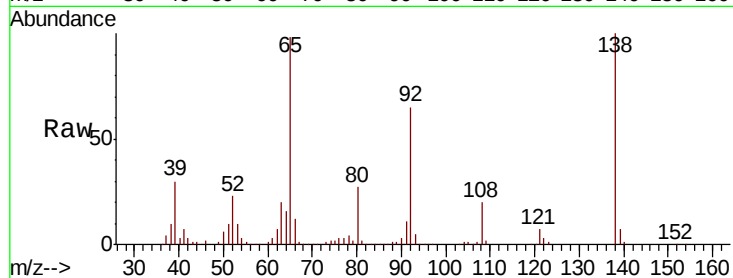
Tgt Ion: 65 Resp: 190429

Ion Ratio Lower Upper

65 100

92 66.2 53.5 80.3

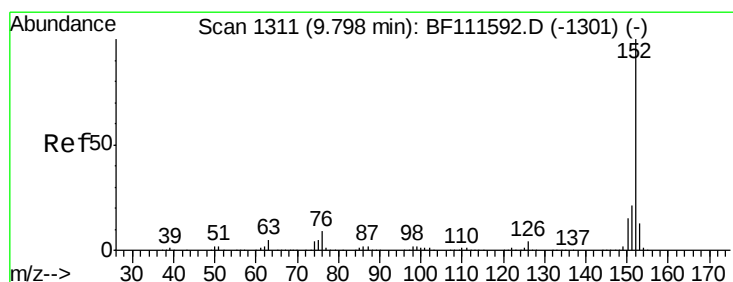
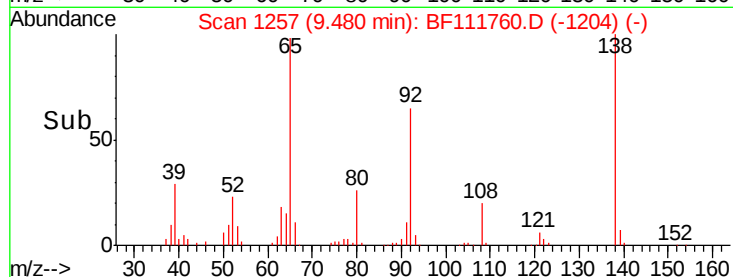
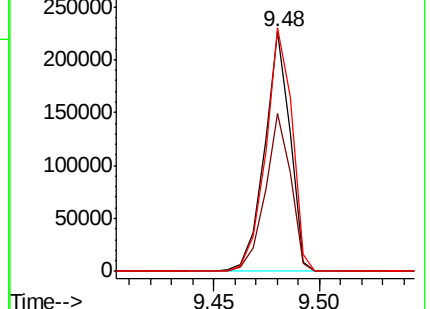
138 101.8 80.9 121.3



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#49

Acenaphthylene

Concen: 45.627 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

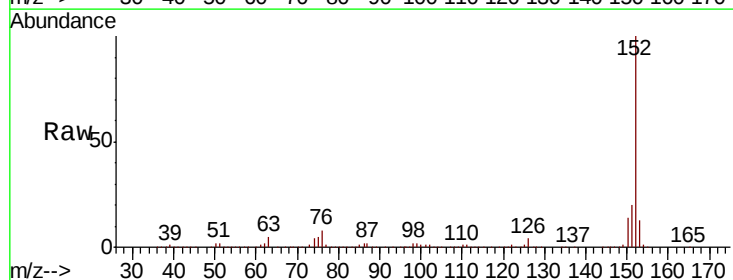
Tgt Ion: 152 Resp: 980394

Ion Ratio Lower Upper

152 100

151 20.3 18.0 27.0

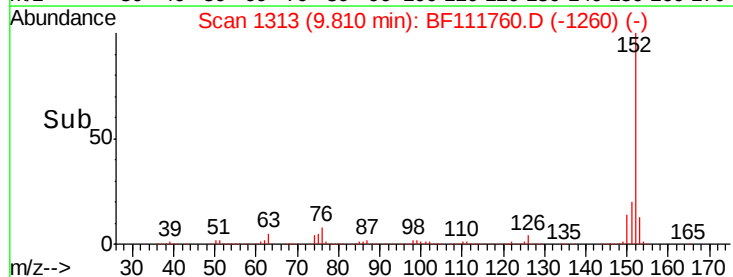
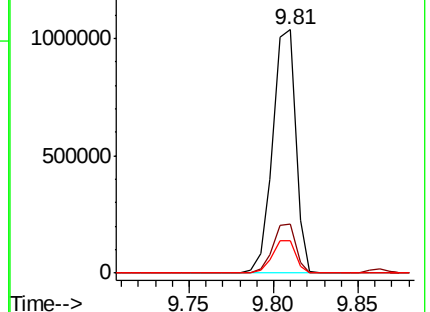
153 13.2 12.3 18.5

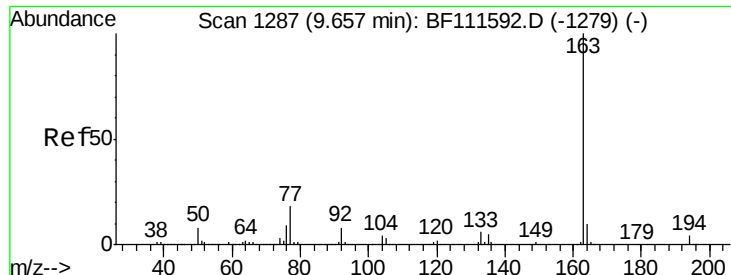


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

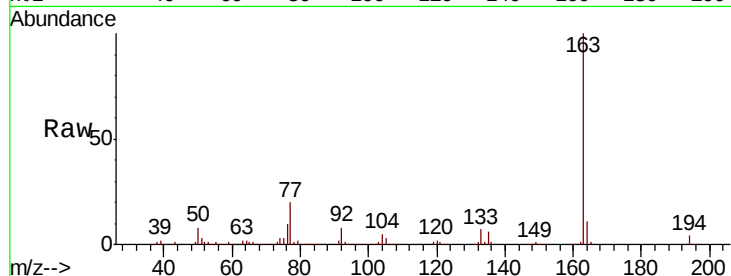




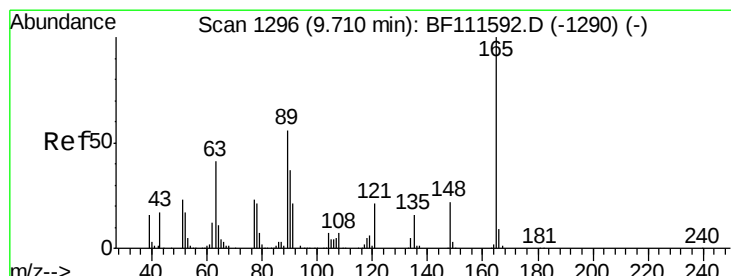
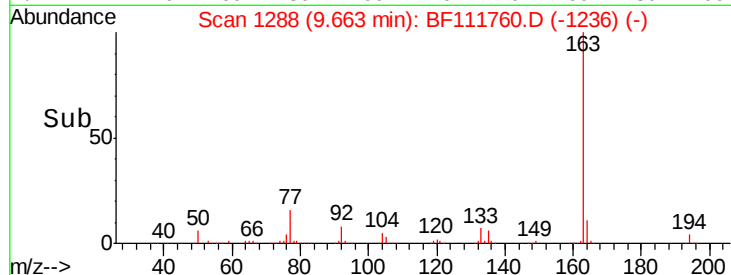
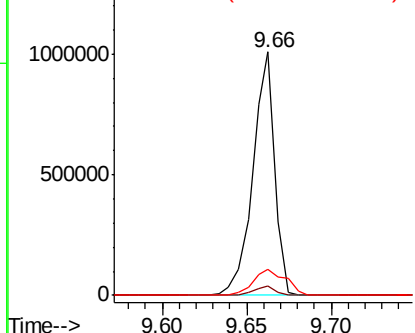
#50
Dimethylphthalate
Concen: 56.739 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MSD

Tgt Ion:163 Resp: 912984
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.9 8.9 13.3

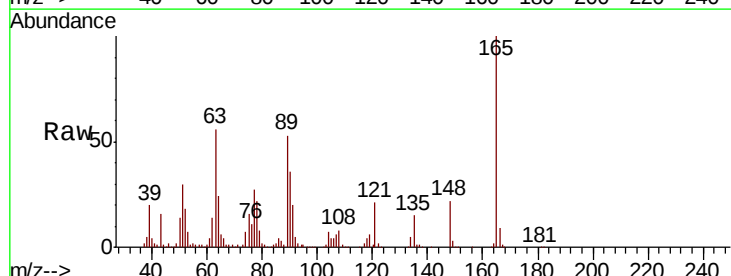


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

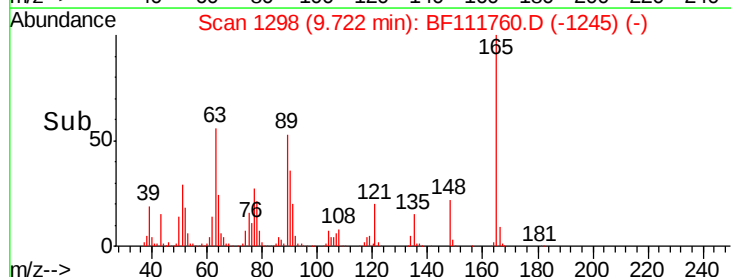
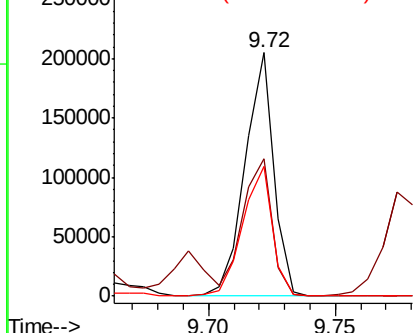


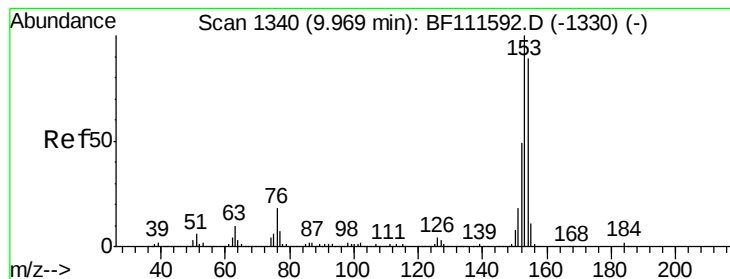
#51
2,6-Dinitrotoluene
Concen: 50.383 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion:165 Resp: 161655
Ion Ratio Lower Upper
165 100
63 56.3 40.5 60.7
89 53.5 40.0 60.0



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





#52

Acenaphthene

Concen: 48.026 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MSD

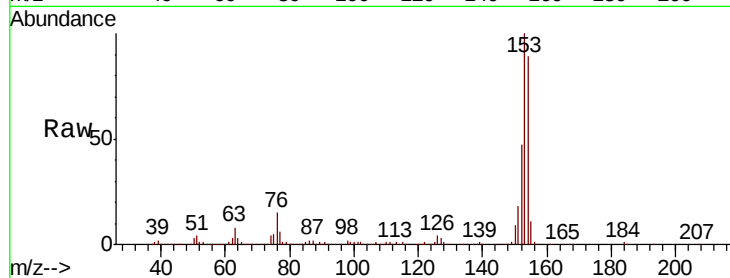
Tgt Ion:154 Resp: 636461

Ion Ratio Lower Upper

154 100

153 111.8 87.8 131.8

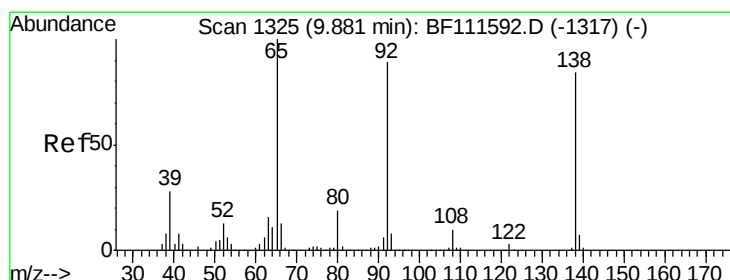
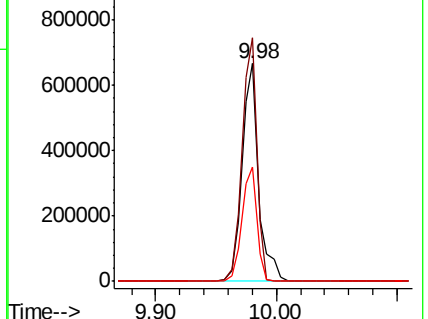
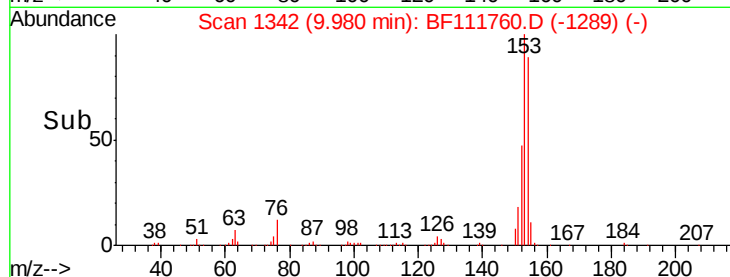
152 52.7 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 10.369 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

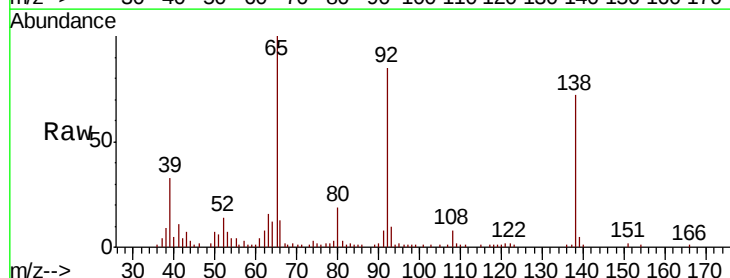
Tgt Ion:138 Resp: 35483

Ion Ratio Lower Upper

138 100

108 11.3 8.2 12.4

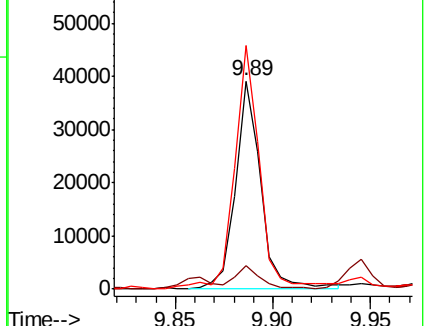
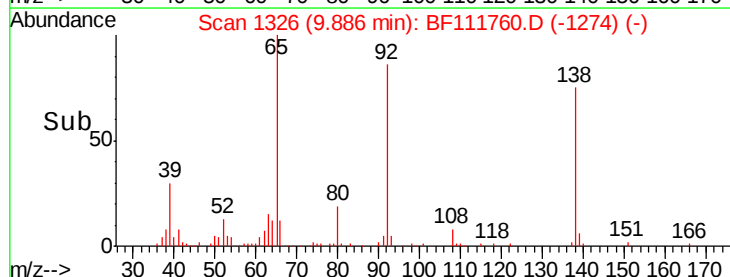
92 116.9 93.4 140.2

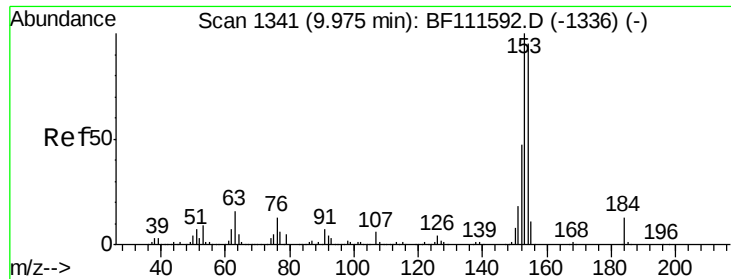


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

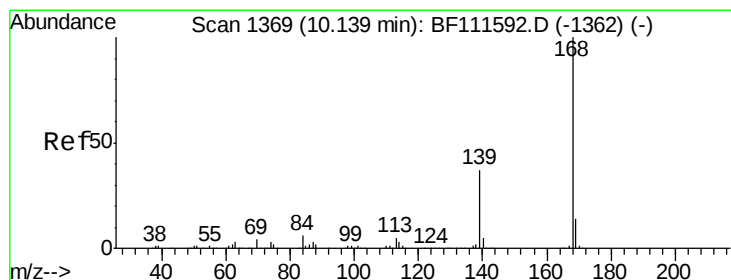
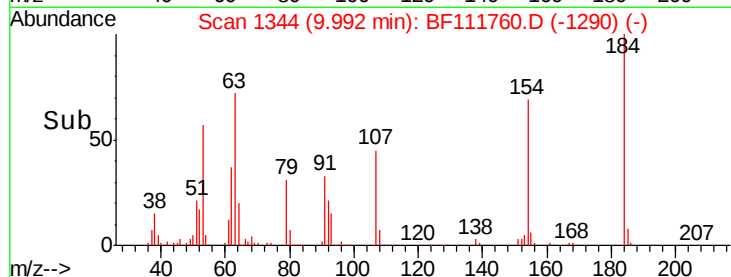
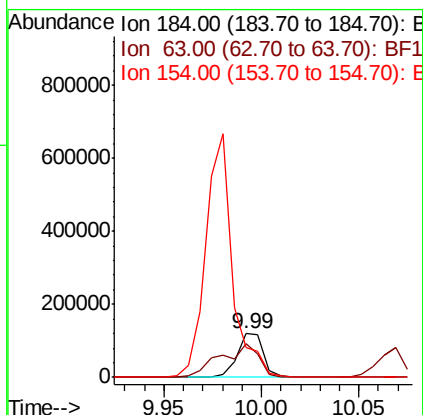
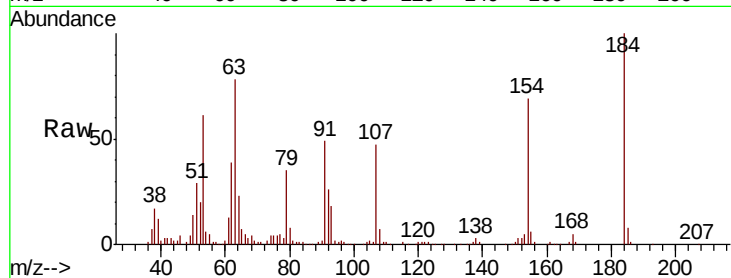




#54
2,4-Dinitrophenol
Concen: 105.873 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

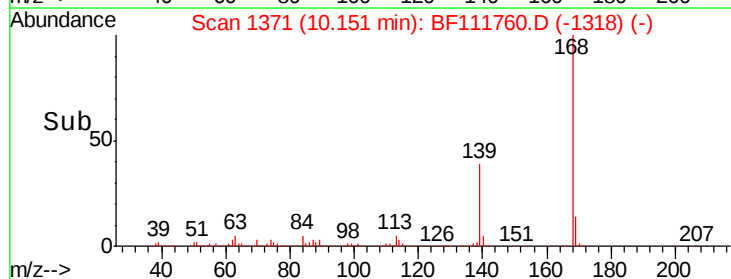
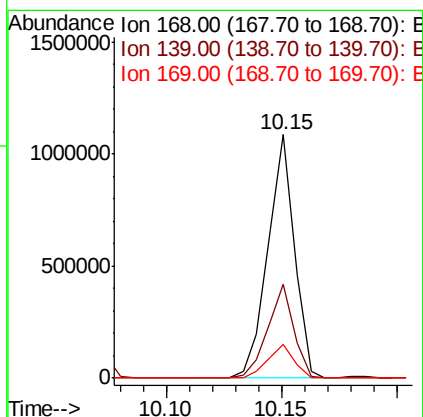
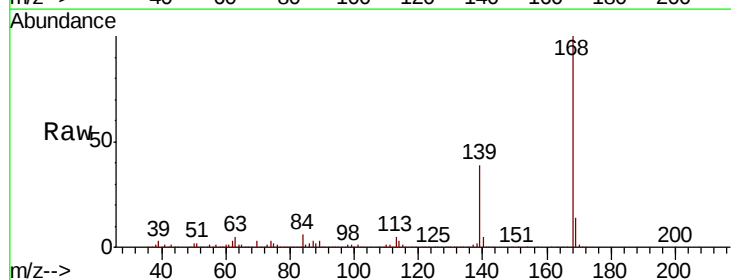
Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MSD

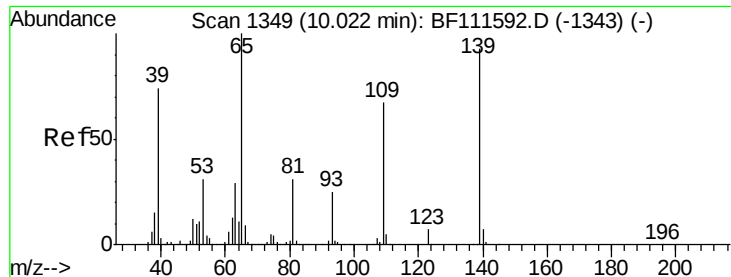
Tgt Ion:184 Resp: 111695
Ion Ratio Lower Upper
184 100
63 77.6 62.3 93.5
154 69.0 56.2 84.2



#55
Dibenzofuran
Concen: 43.582 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion:168 Resp: 872591
Ion Ratio Lower Upper
168 100
139 38.6 32.6 49.0
169 13.8 11.8 17.6





#56

4-Nitrophenol

Concen: 86.395 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.05 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MSD

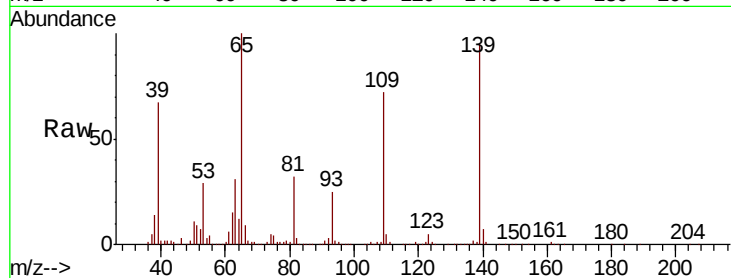
Tgt Ion:139 Resp: 225614

Ion Ratio Lower Upper

139 100

109 76.0 41.8 81.8

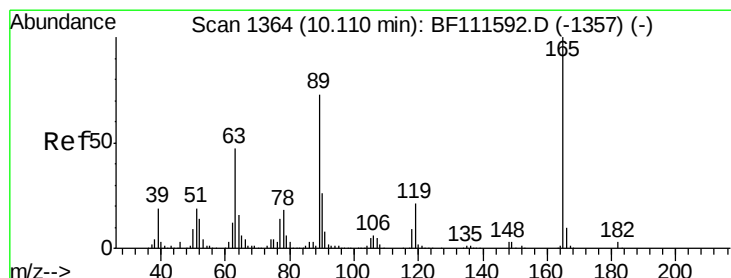
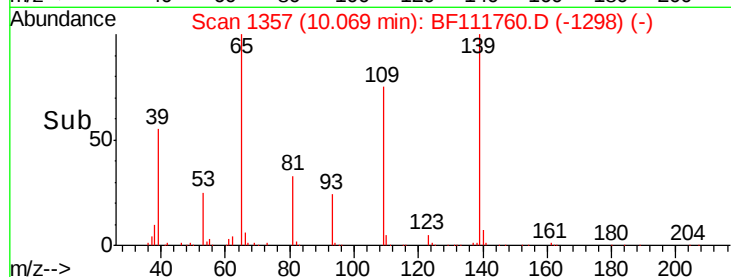
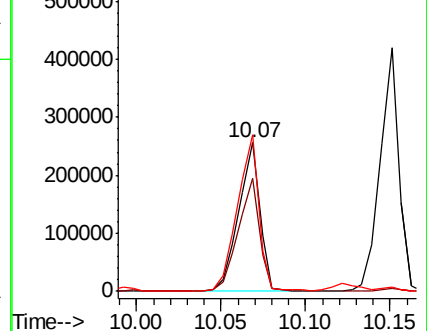
65 105.0 79.6 119.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57

2,4-Dinitrotoluene

Concen: 54.386 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Tgt Ion:165 Resp: 209726

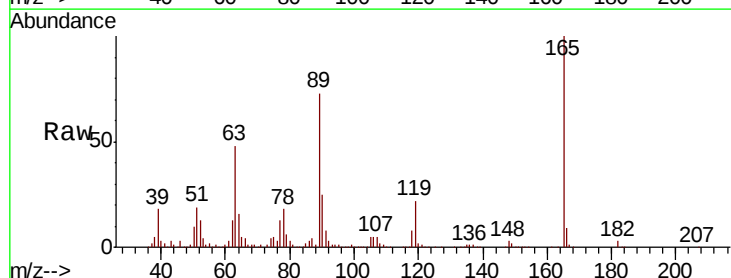
Ion Ratio Lower Upper

165 100

63 47.6 34.6 52.0

89 72.9 56.2 84.4

182 2.7 1.8 2.6#

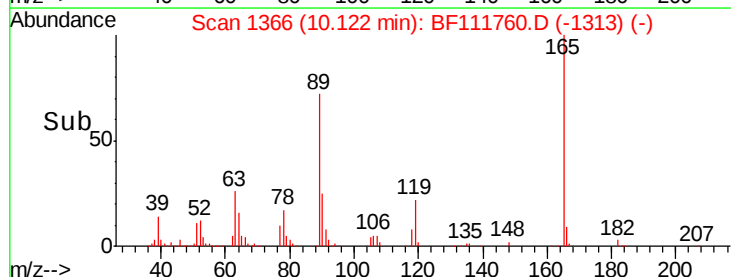
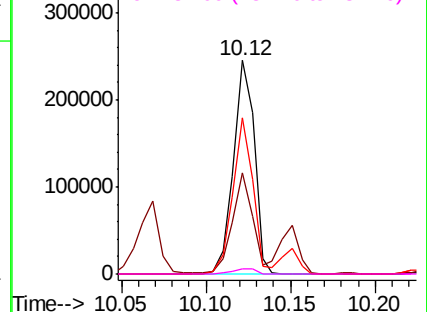


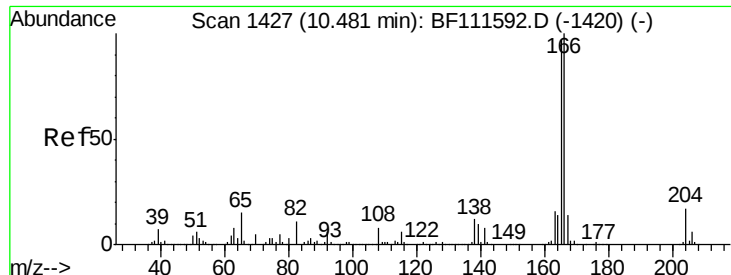
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 46.699 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MSD

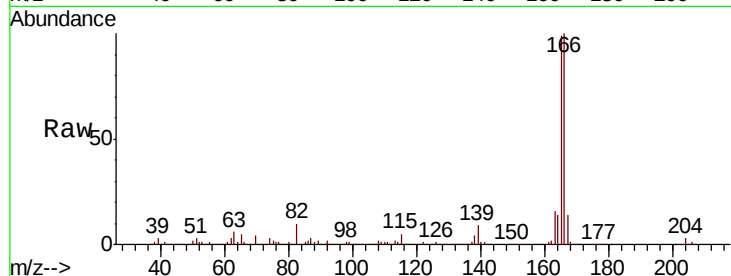
Tgt Ion:166 Resp: 673750

Ion Ratio Lower Upper

166 100

165 99.3 78.4 117.6

167 13.6 11.2 16.8

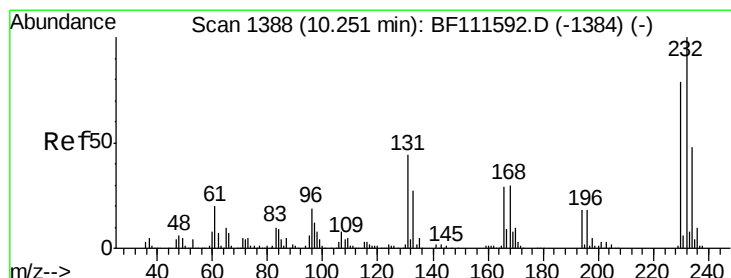
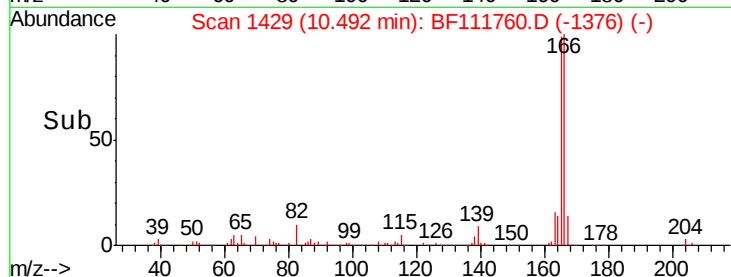
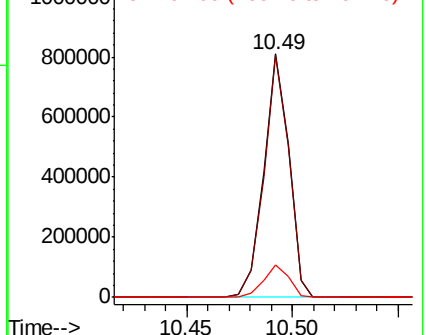


Abundance

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: 44.803 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.02 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Tgt Ion:232 Resp: 186733

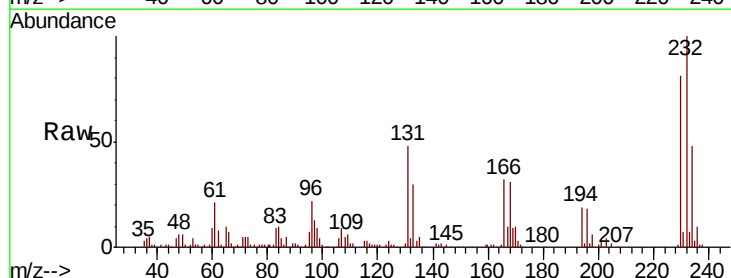
Ion Ratio Lower Upper

232 100

131 43.0 40.9 61.3

130 2.4 2.0 3.0

166 28.9 26.8 40.2



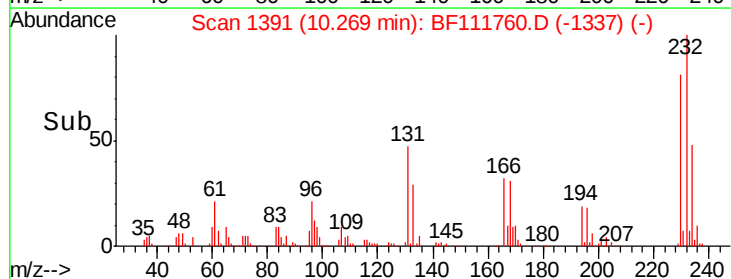
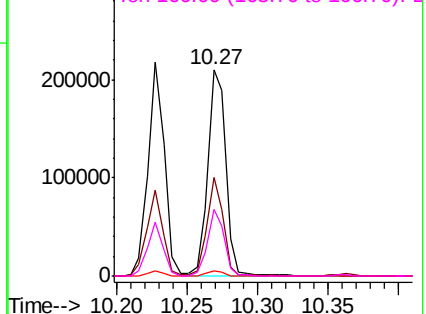
Abundance

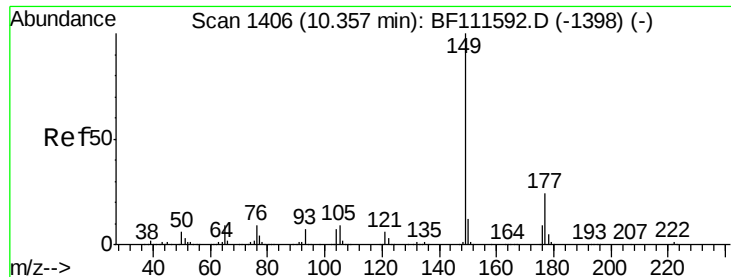
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

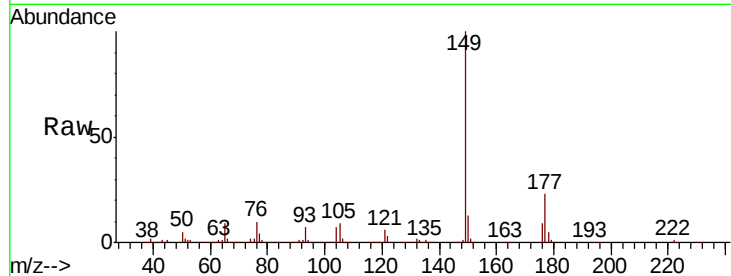




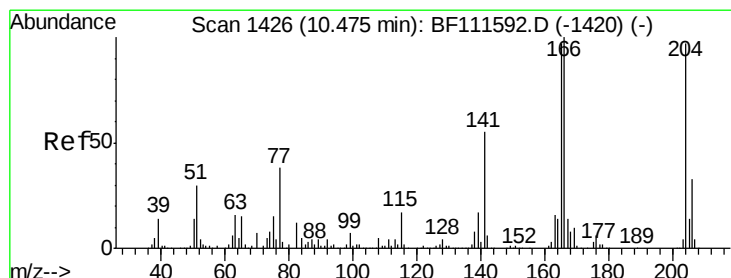
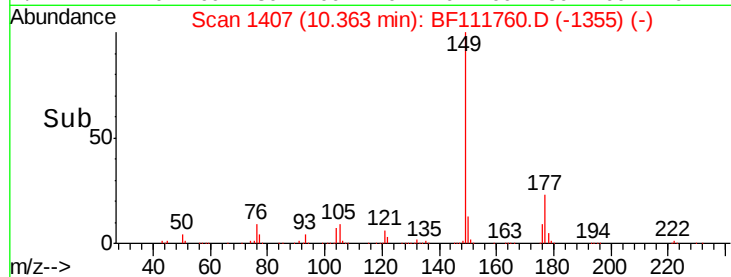
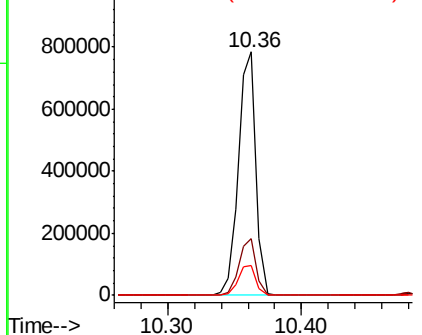
#60
Diethylphthalate
Concen: 45.348 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MSD

Tgt Ion:149 Resp: 715787
Ion Ratio Lower Upper
149 100
177 23.5 18.3 27.5
150 12.5 10.6 15.8

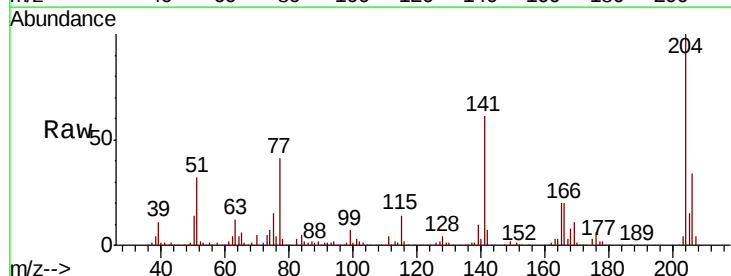


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

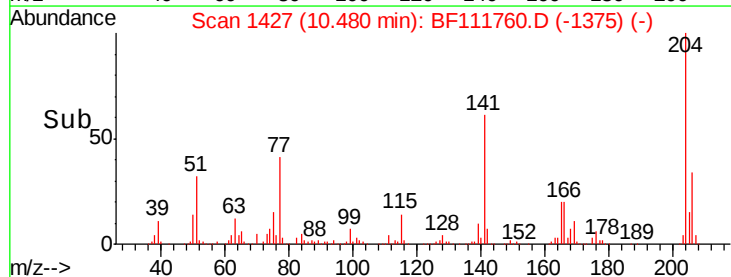
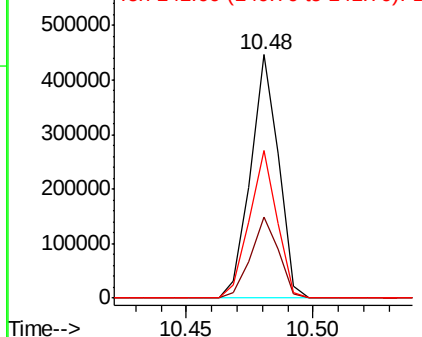


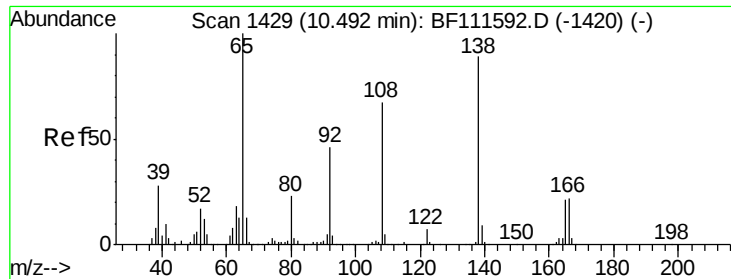
#61
4-Chlorophenyl-phenylether
Concen: 42.973 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion:204 Resp: 342535
Ion Ratio Lower Upper
204 100
206 33.5 26.6 39.8
141 60.9 52.6 78.8



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

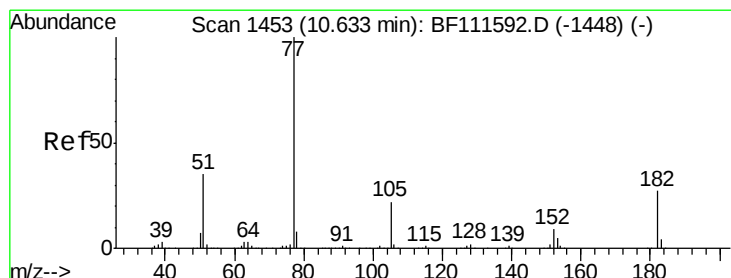
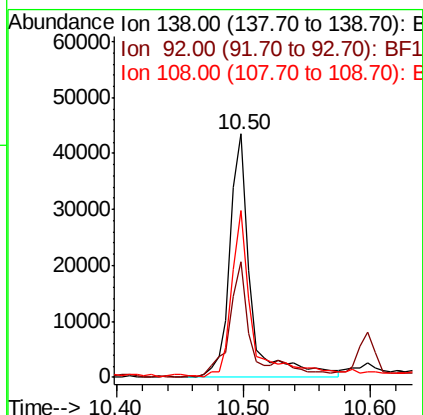
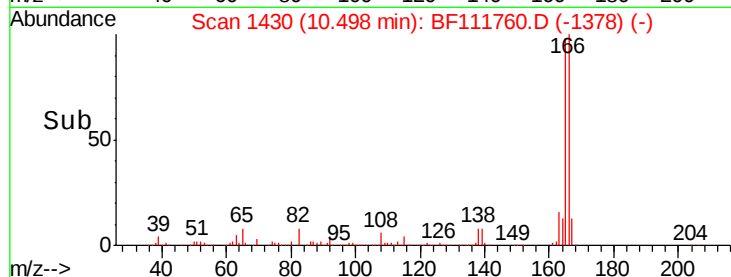
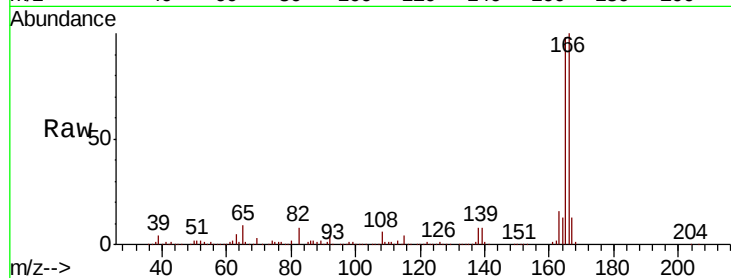




#62
4-Nitroaniline
Concen: 14.909 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

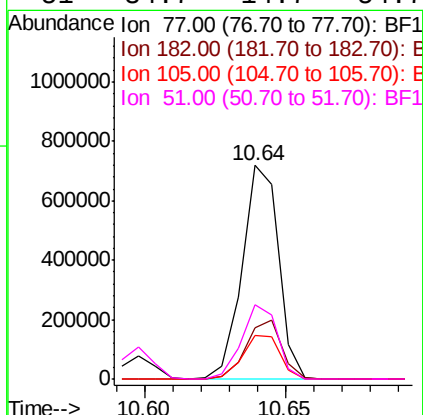
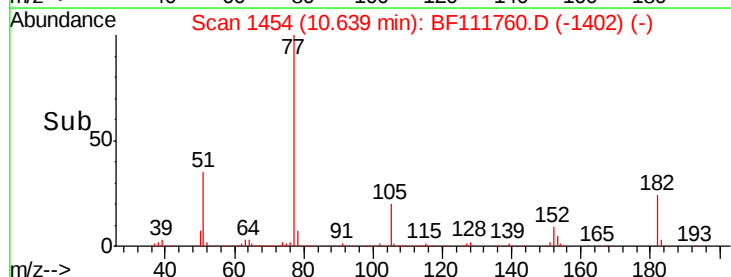
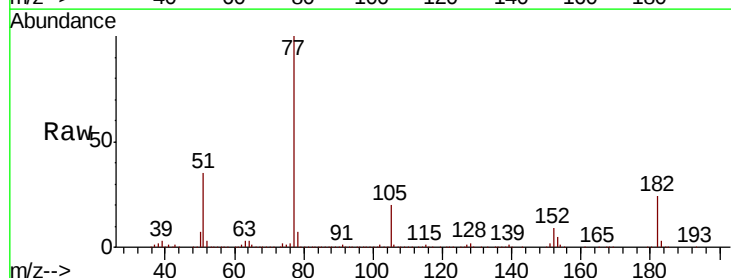
Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MSD

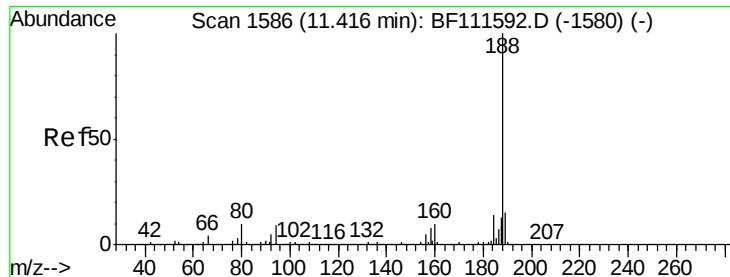
Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.7	29.9	69.9
108	68.5	43.2	83.2



#63
Azobenzene
Concen: 40.340 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.2	4.9	44.9
105	20.3	6.0	46.0
51	34.7	14.7	54.7

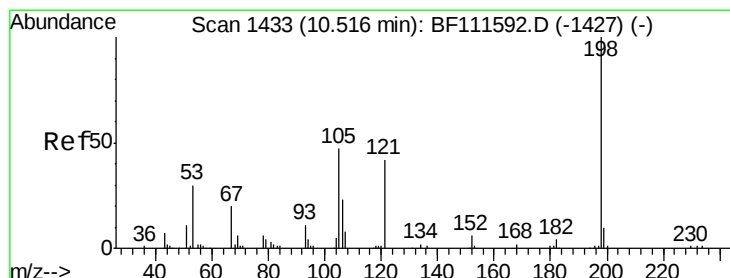
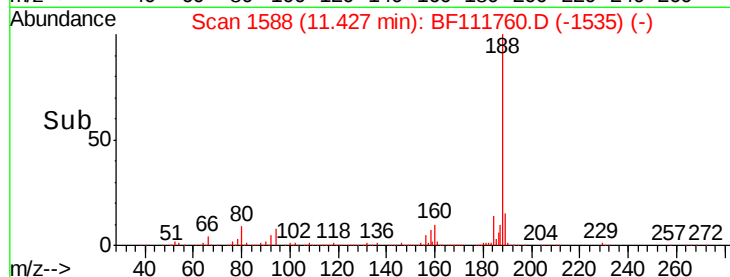
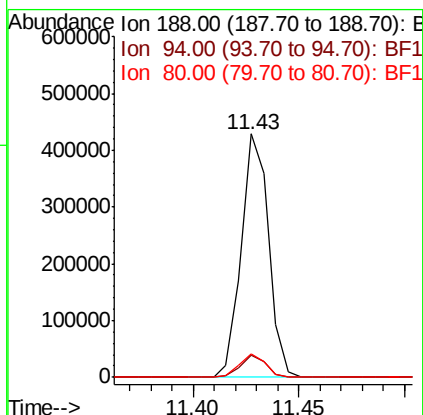
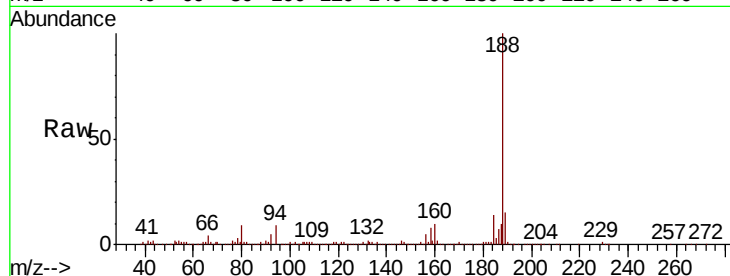




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

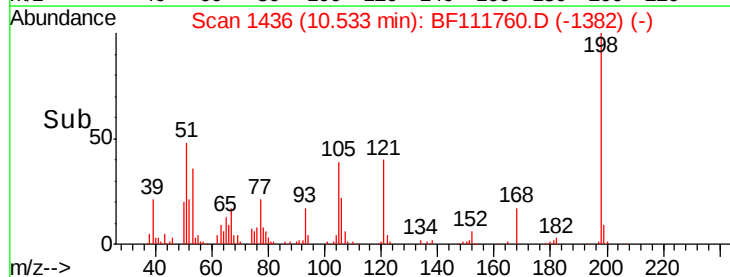
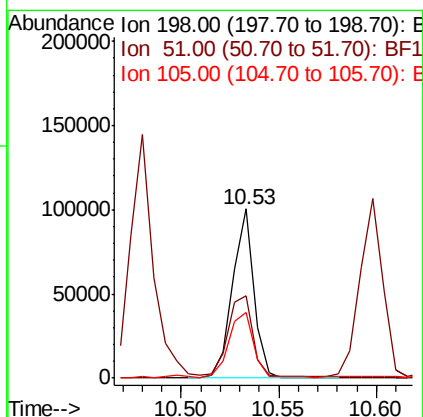
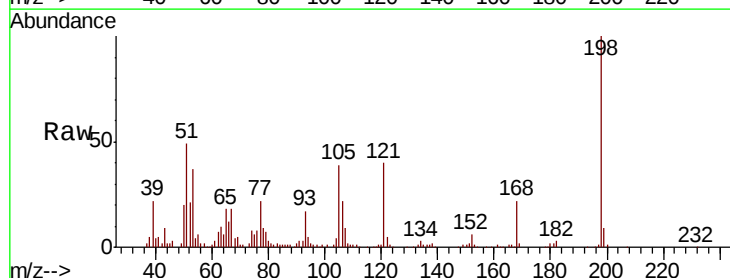
Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MSD

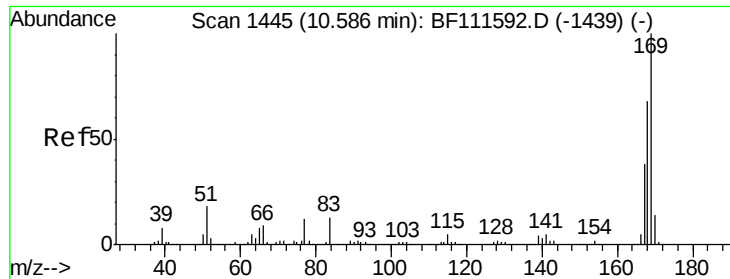
Tgt Ion:188 Resp: 382279
Ion Ratio Lower Upper
188 100
94 8.9 9.6 14.4#
80 9.5 9.8 14.6#



#65
4,6-Dinitro-2-methylphenol
Concen: 48.617 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.02 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion:198 Resp: 76969
Ion Ratio Lower Upper
198 100
51 48.7 48.0 88.0
105 38.7 34.0 74.0

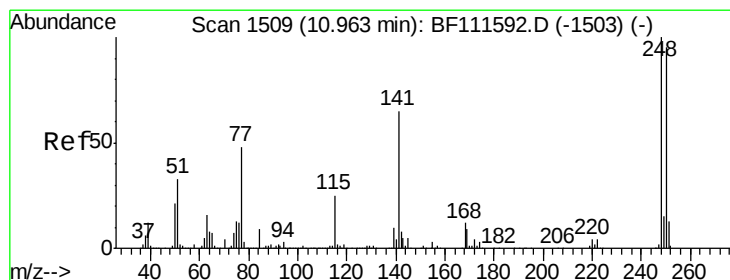
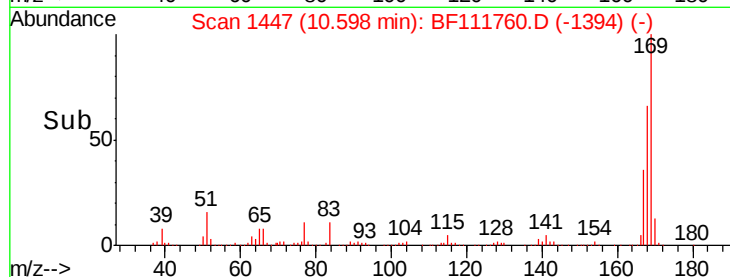
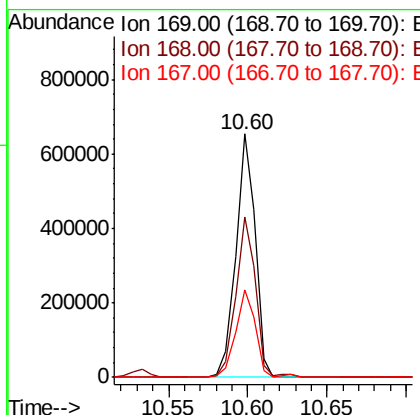
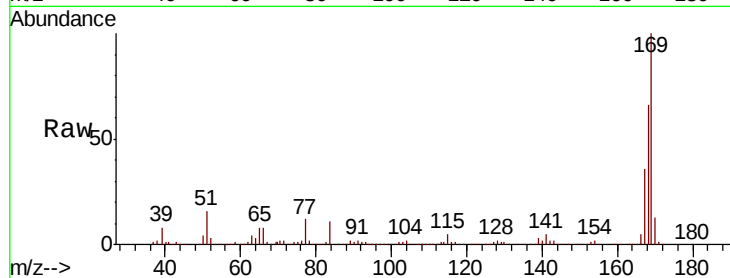




#66
 n-Nitrosodiphenylamine
 Concen: 42.988 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

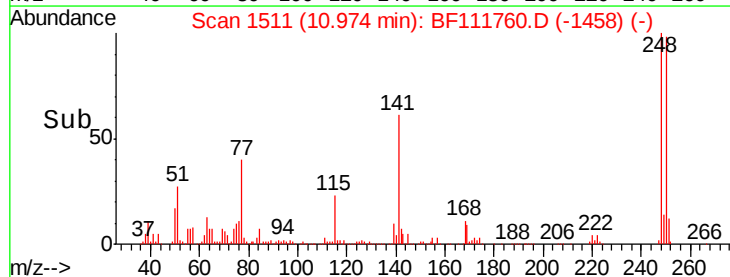
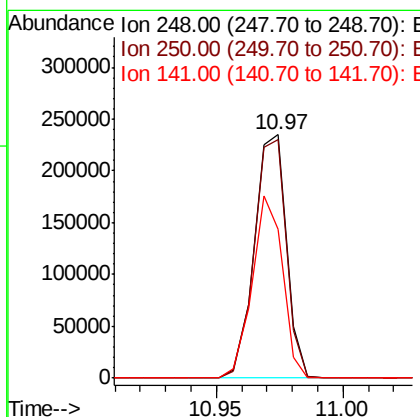
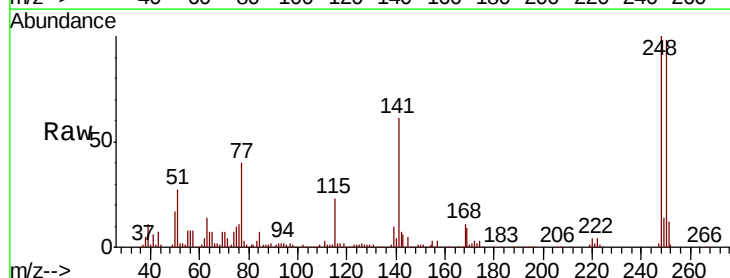
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01MSD

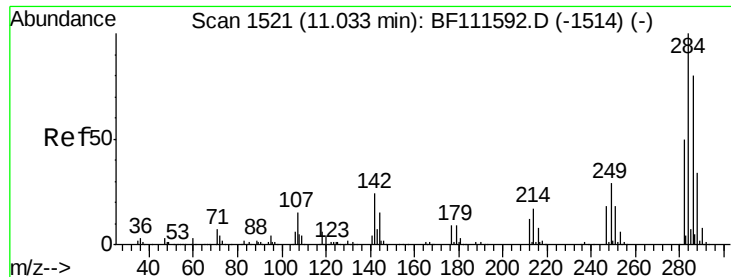
Tgt Ion:169 Resp: 551638
 Ion Ratio Lower Upper
 169 100
 168 65.9 54.4 81.6
 167 35.8 30.5 45.7



#67
 4-Bromophenyl-phenylether
 Concen: 43.924 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

Tgt Ion:248 Resp: 208266
 Ion Ratio Lower Upper
 248 100
 250 98.0 77.0 115.4
 141 61.3 63.0 94.6#





#68

Hexachlorobenzene

Concen: 44.372 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MSD

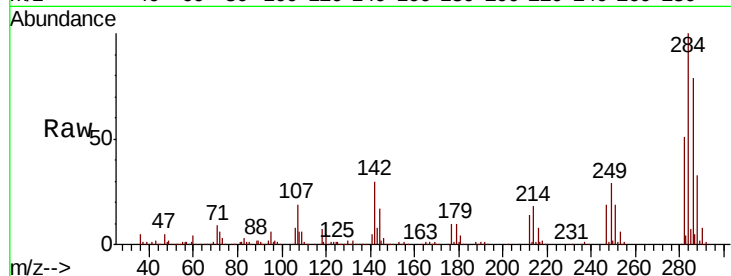
Tgt Ion:284 Resp: 234579

Ion Ratio Lower Upper

284 100

142 30.1 27.4 41.2

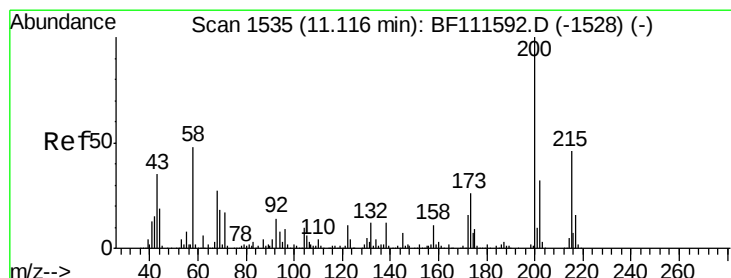
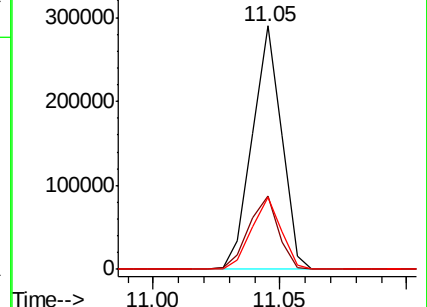
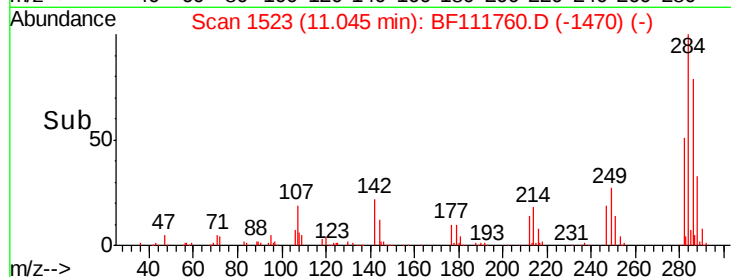
249 29.4 24.4 36.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 40.154 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

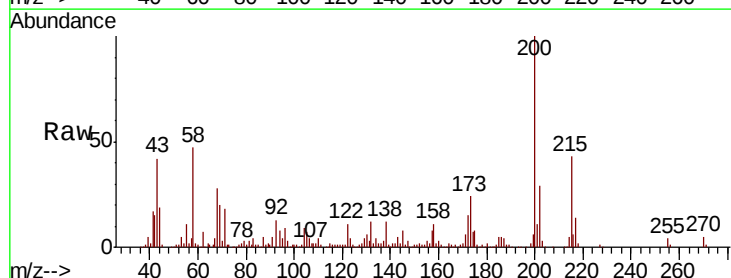
Tgt Ion:200 Resp: 179006

Ion Ratio Lower Upper

200 100

173 23.8 10.1 50.1

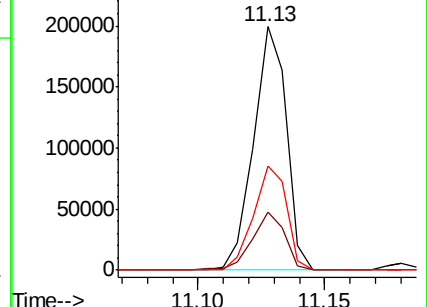
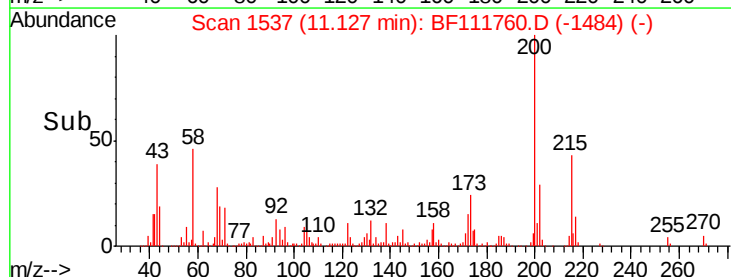
215 42.5 26.9 66.9

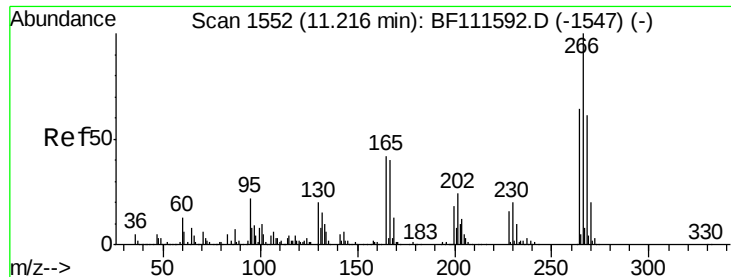


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

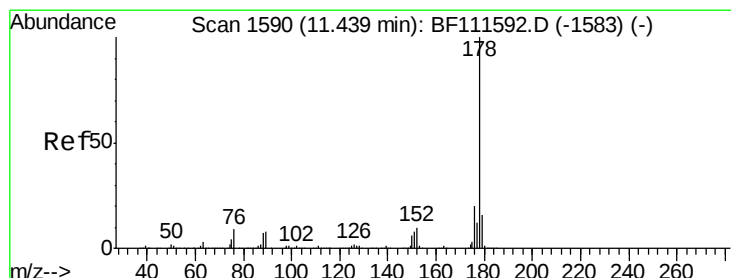
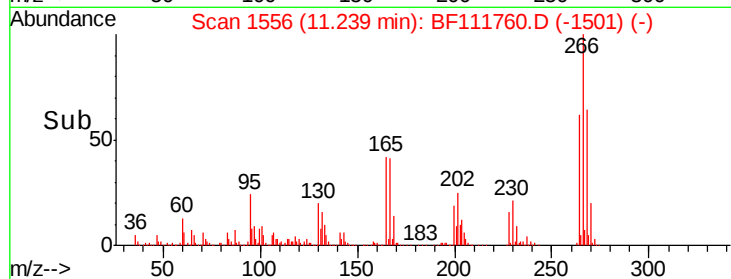
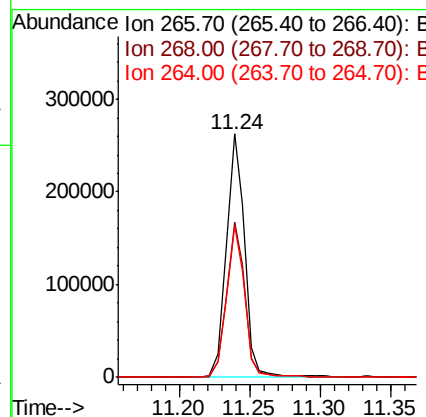
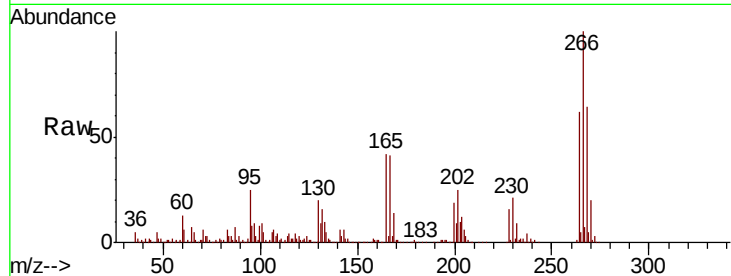




#70
 Pentachlorophenol
 Concen: 72.405 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.02 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

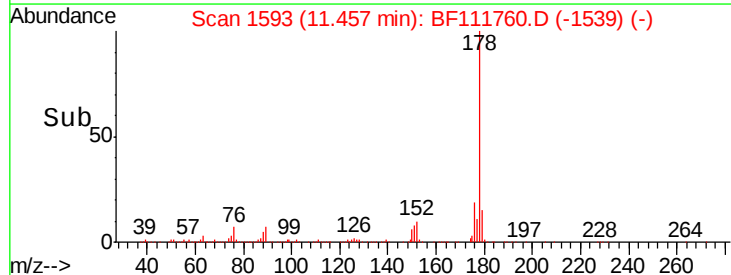
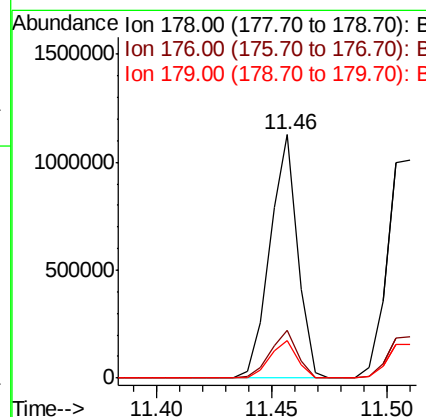
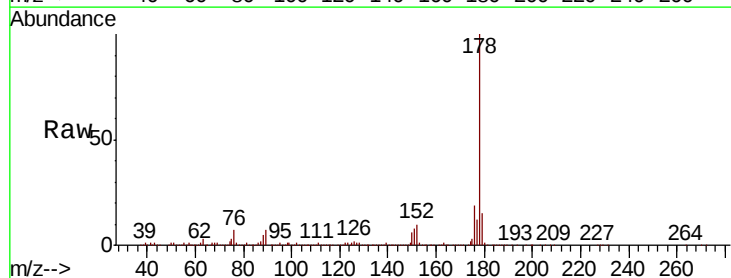
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01MSD

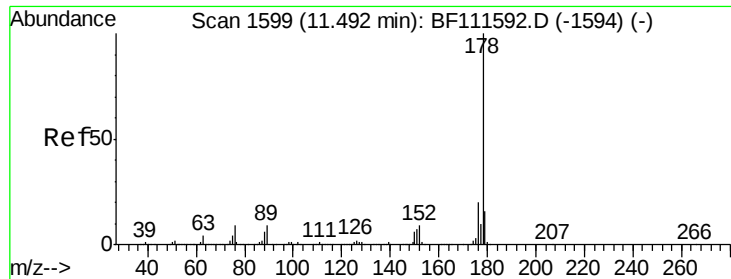
Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	47.9	71.9
264	62.3	49.1	73.7



#71
 Phenanthrene
 Concen: 46.061 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.02 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	18.1	27.1
179	15.5	14.0	21.0

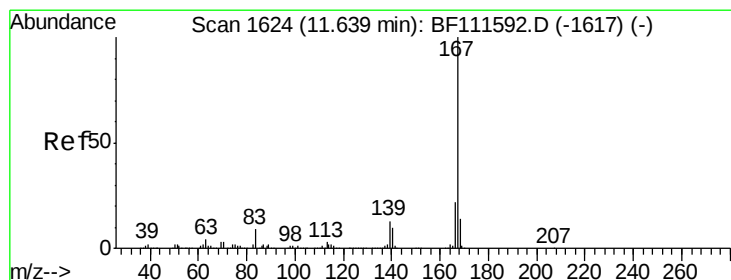
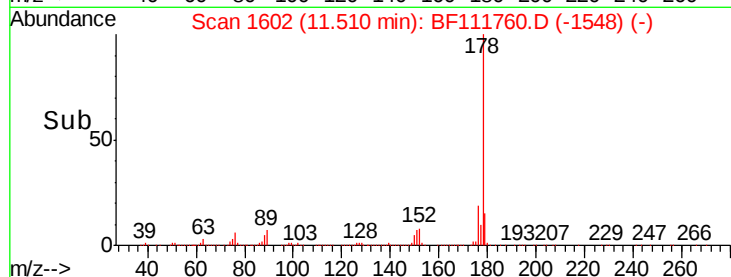
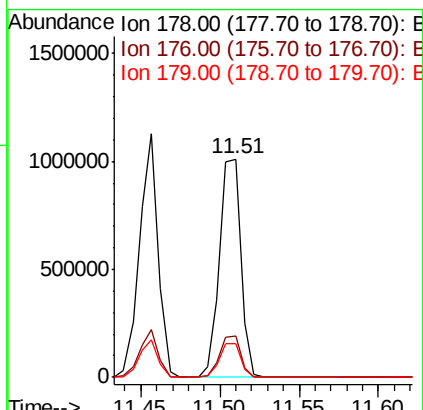
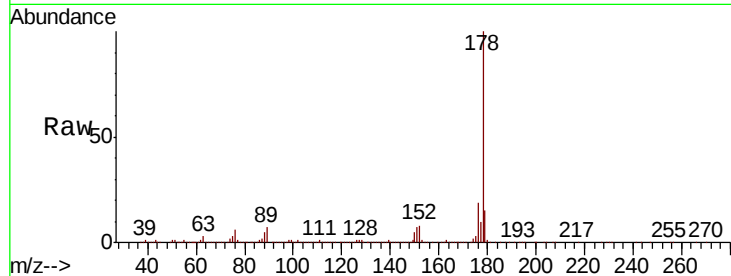




#72
 Anthracene
 Concen: 46.658 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.02 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

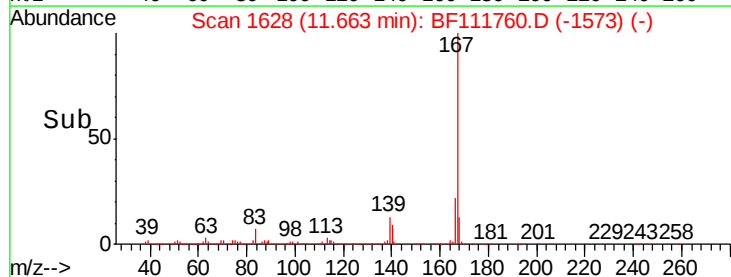
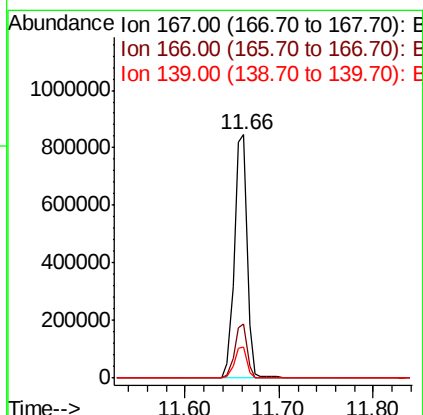
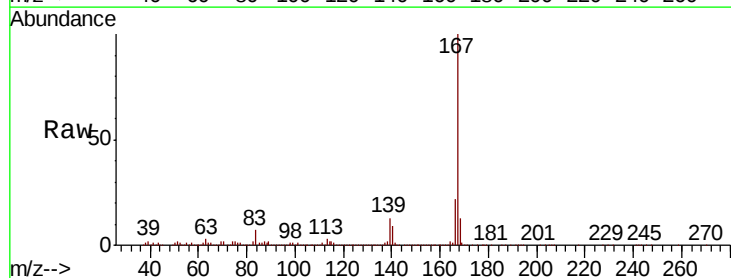
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01MSD

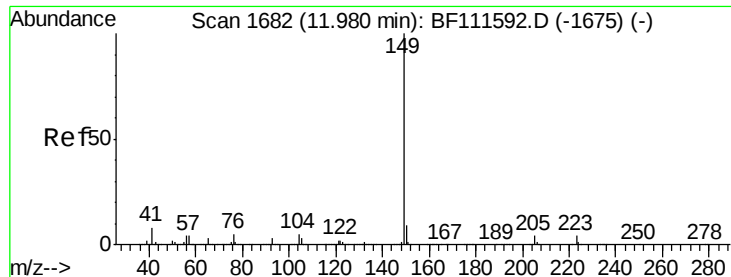
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	17.2	25.8
179	15.4	13.8	20.8



#73
 Carbazole
 Concen: 40.689 ng
 RT: 11.66 min Scan# 1628
 Delta R.T. 0.02 min
 Lab File: BF111760.D
 Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	19.3	28.9
139	12.7	11.9	17.9





#74

Di-n-butylphthalate

Concen: 46.744 ng

RT: 11.99 min Scan# 1683

Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MSD

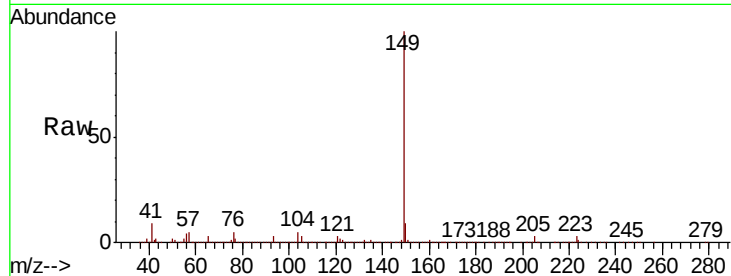
Tgt Ion:149 Resp: 1035445

Ion Ratio Lower Upper

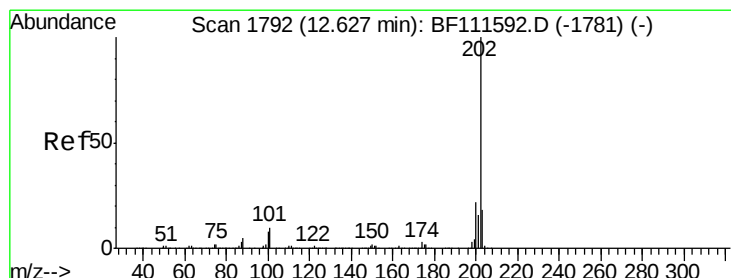
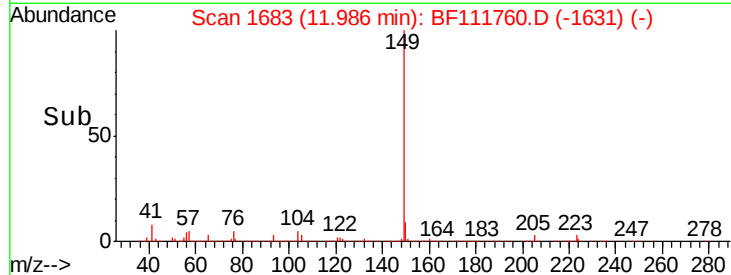
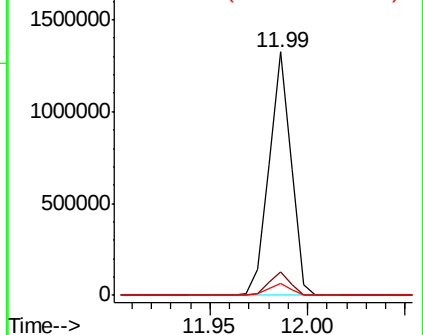
149 100

150 9.5 8.8 13.2

104 4.9 4.5 6.7



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



#75

Fluoranthene

Concen: 47.098 ng

RT: 12.64 min Scan# 1795

Delta R.T. 0.02 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

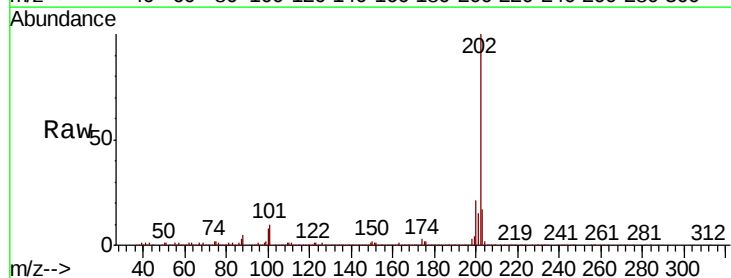
Tgt Ion:202 Resp: 966919

Ion Ratio Lower Upper

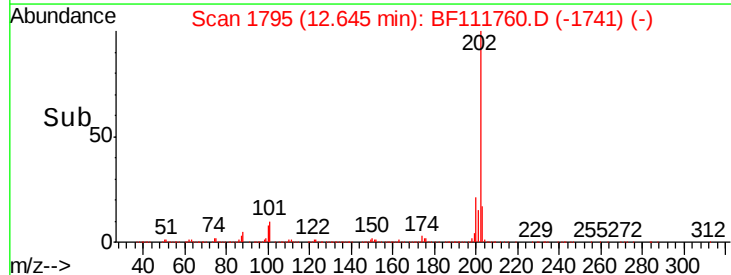
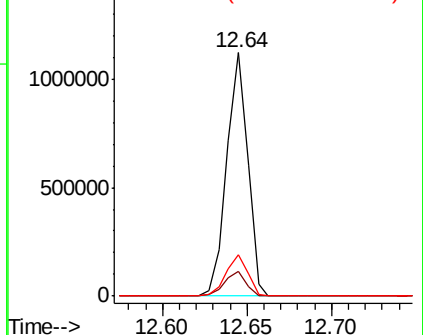
202 100

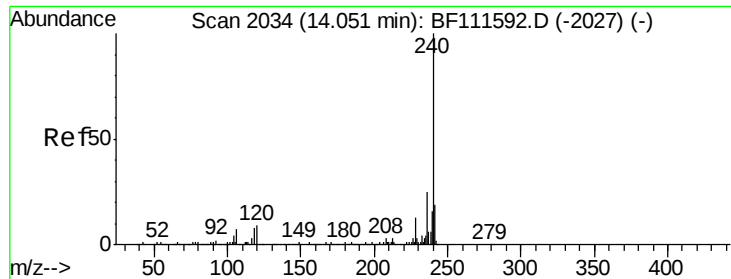
101 10.0 0.0 33.8

203 17.2 0.0 38.6



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

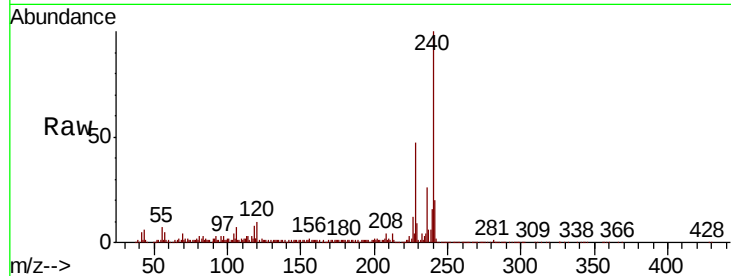




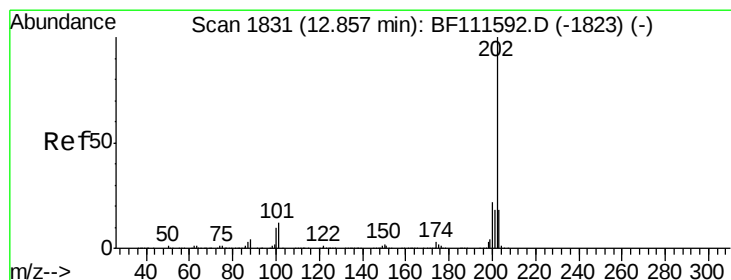
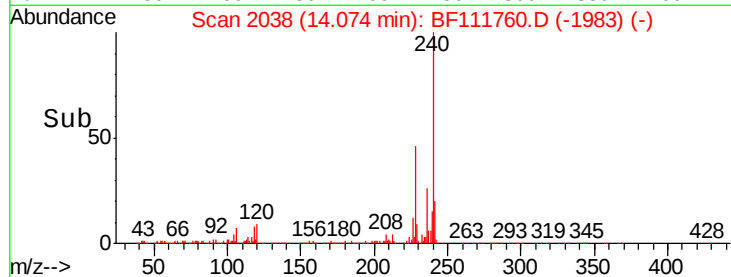
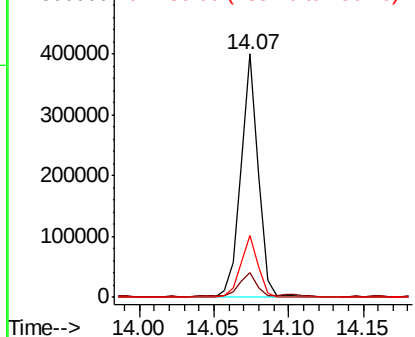
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.02 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MSD

Tgt Ion:240 Resp: 320419
Ion Ratio Lower Upper
240 100
120 9.9 12.2 18.2#
236 25.6 20.2 30.2

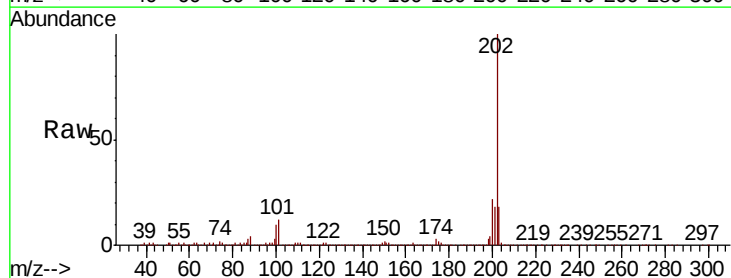


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

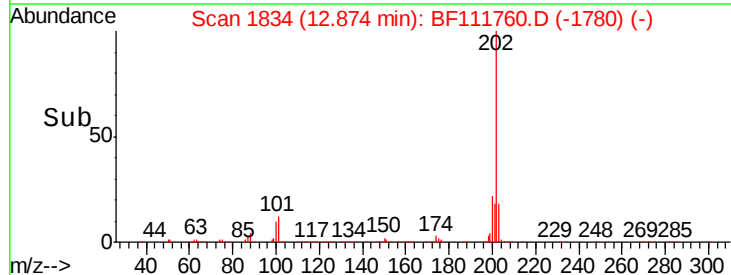
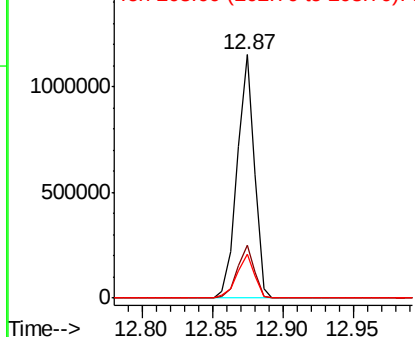


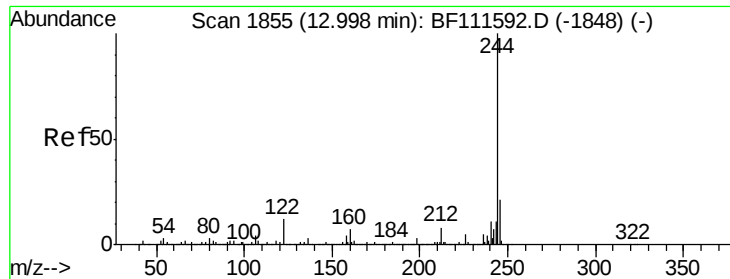
#78
Pyrene
Concen: 43.064 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.02 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion:202 Resp: 974411
Ion Ratio Lower Upper
202 100
200 21.6 19.0 28.4
203 17.8 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.406 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MSD

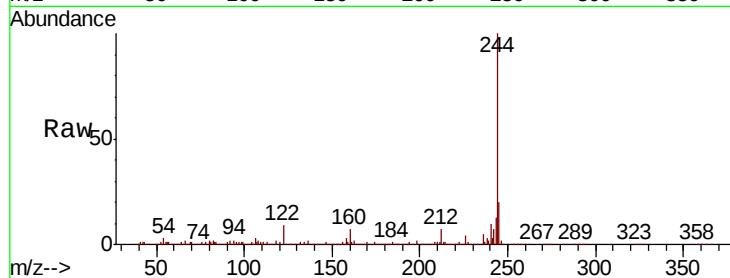
Tgt Ion:244 Resp: 1307857

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

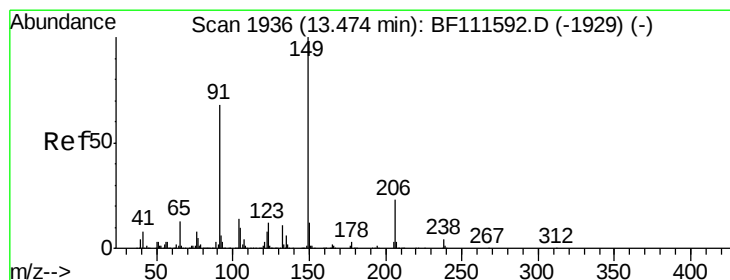
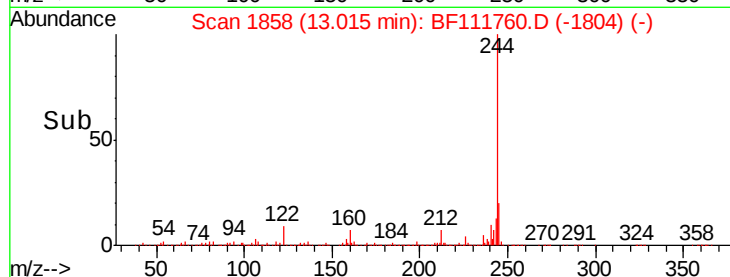
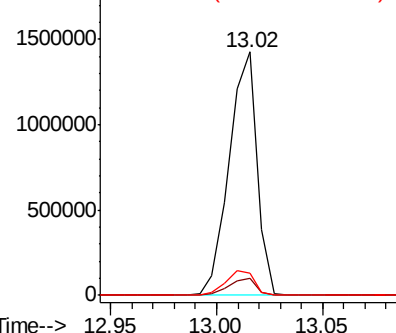
122 9.3 13.1 19.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.951 ng

RT: 13.49 min Scan# 1938

Delta R.T. 0.01 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

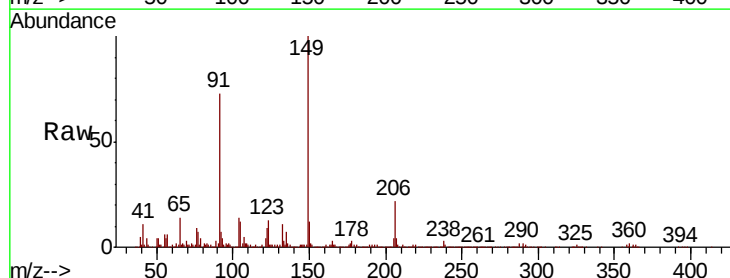
Tgt Ion:149 Resp: 433045

Ion Ratio Lower Upper

149 100

91 72.9 63.8 95.6

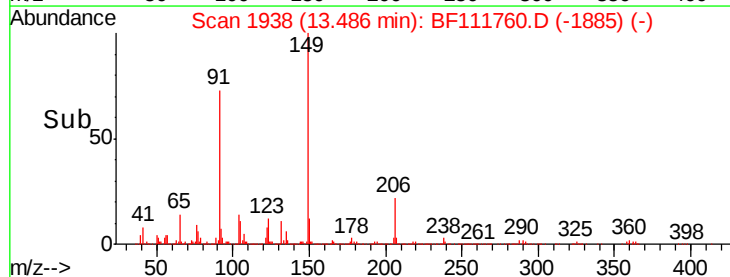
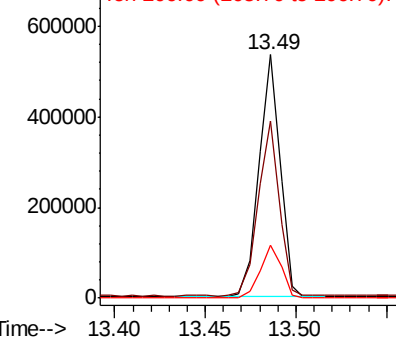
206 21.7 15.1 22.7

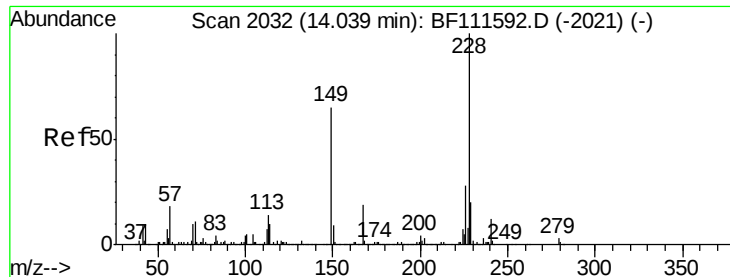


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.419 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.02 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MSD

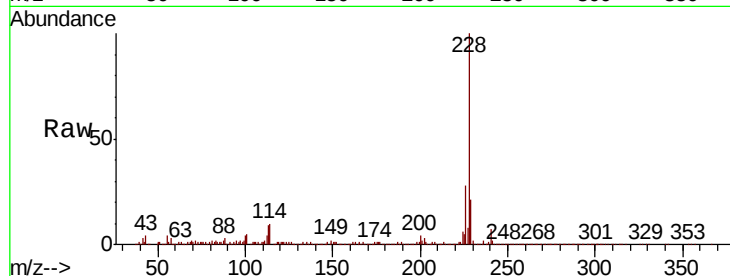
Tgt Ion:228 Resp: 848824

Ion Ratio Lower Upper

228 100

226 27.9 22.6 34.0

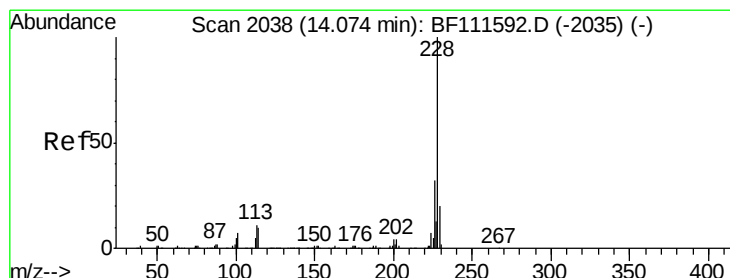
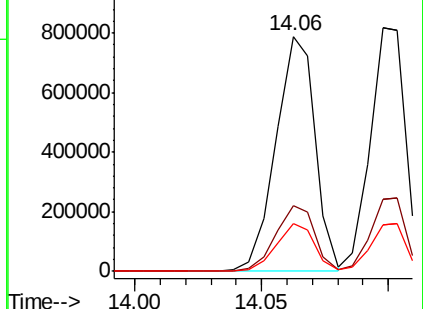
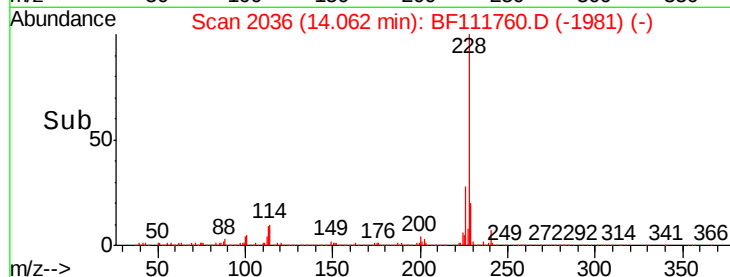
229 20.6 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 44.021 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.02 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

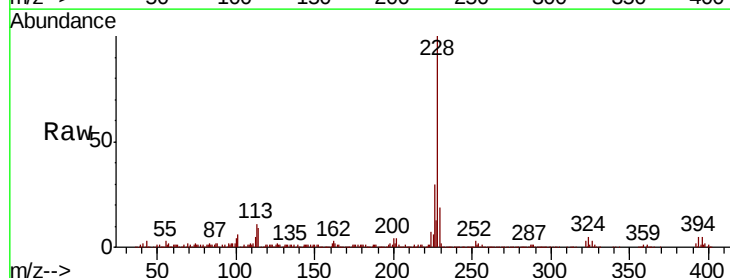
Tgt Ion:228 Resp: 791164

Ion Ratio Lower Upper

228 100

226 29.8 25.3 37.9

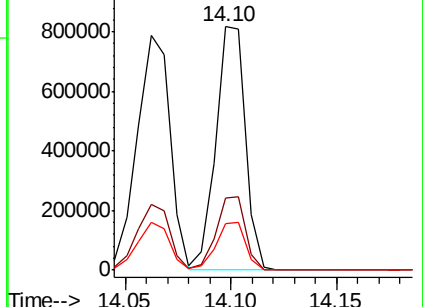
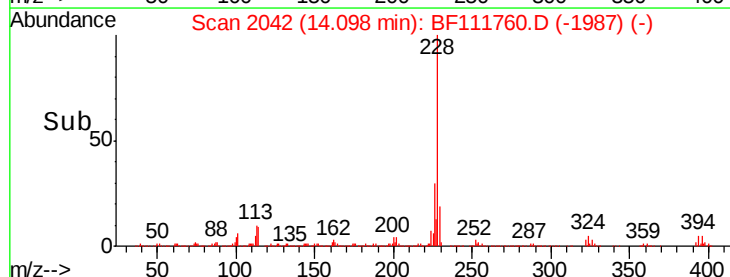
229 19.3 17.2 25.8

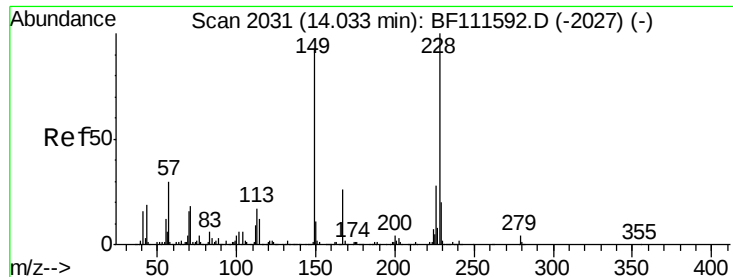


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 52.505 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.02 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MSD

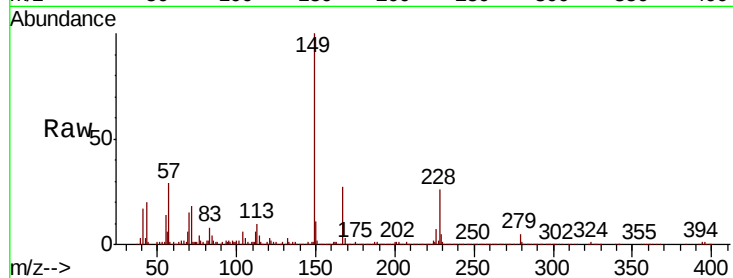
Tgt Ion:149 Resp: 609997

Ion Ratio Lower Upper

149 100

167 26.9 22.5 33.7

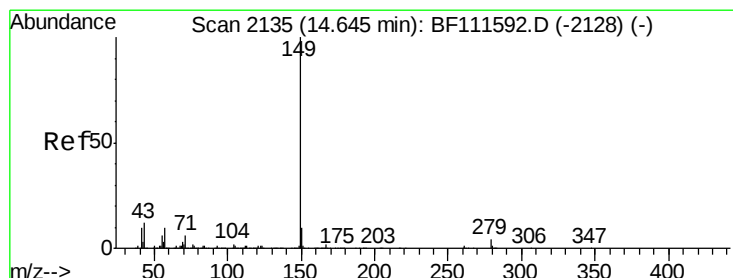
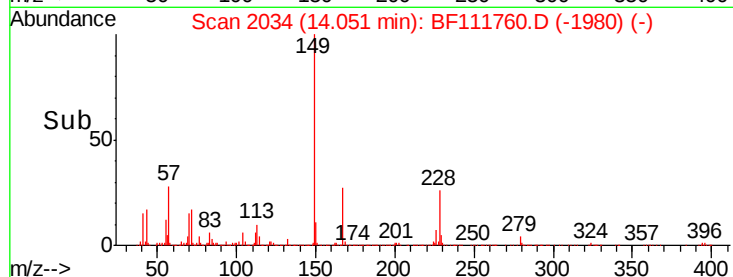
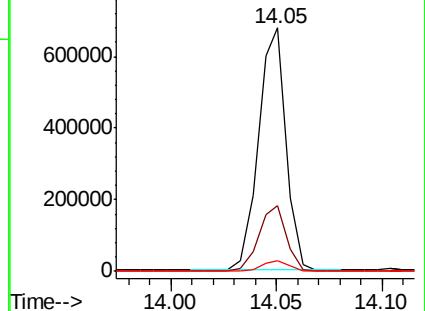
279 4.5 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 51.190 ng

RT: 14.66 min Scan# 2138

Delta R.T. 0.02 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

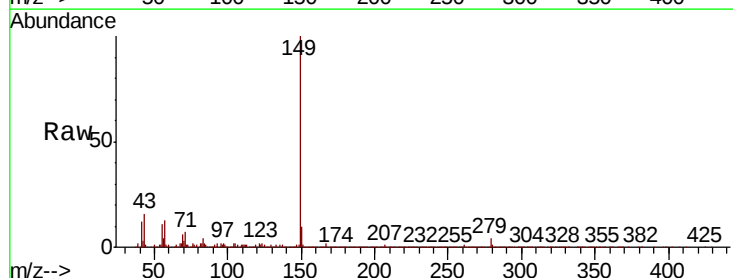
Tgt Ion:149 Resp: 921427

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

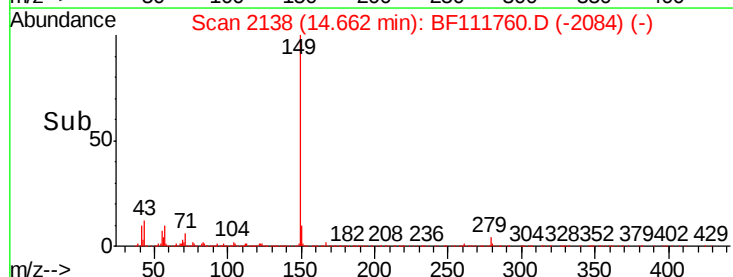
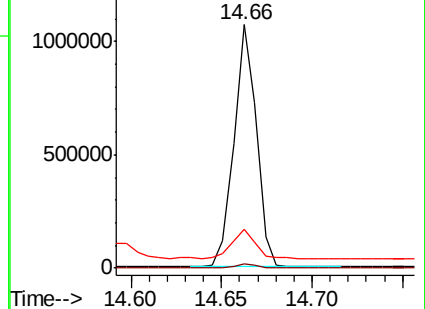
43 13.1 10.9 16.3

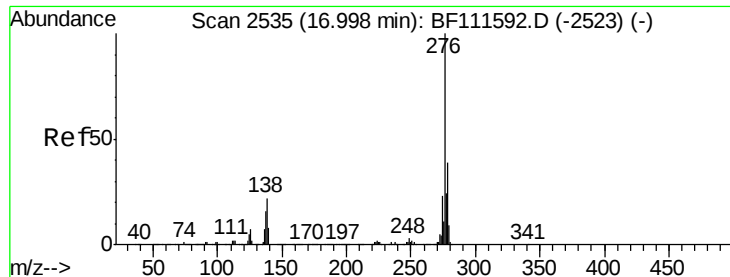


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#86

Indeno(1,2,3-cd)pyrene

Concen: 36.053 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.08 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MSD

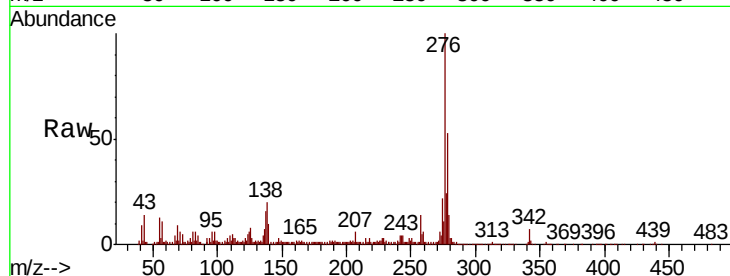
Tgt Ion:276 Resp: 550842

Ion Ratio Lower Upper

276 100

138 21.5 27.8 41.6#

277 25.0 20.1 30.1

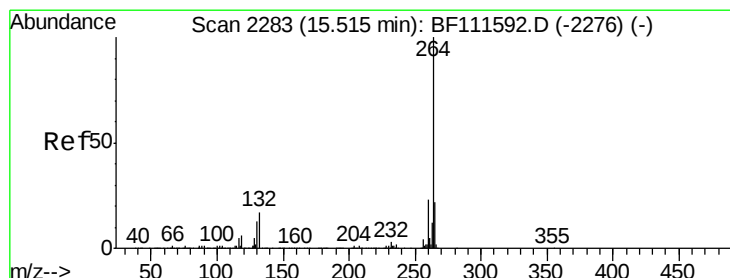
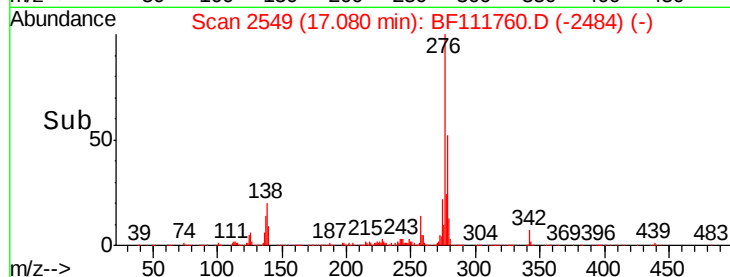
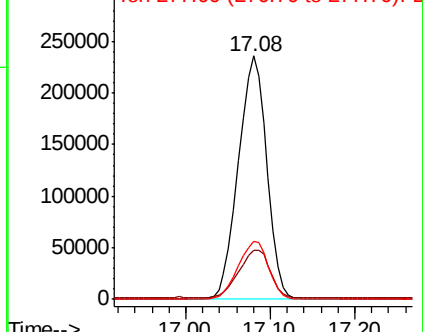


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. 0.05 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

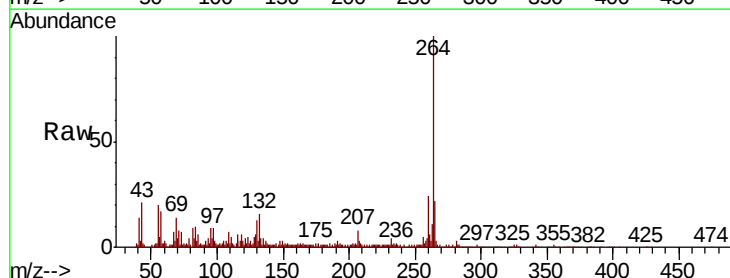
Tgt Ion:264 Resp: 229441

Ion Ratio Lower Upper

264 100

260 24.1 18.3 27.5

265 22.2 17.7 26.5

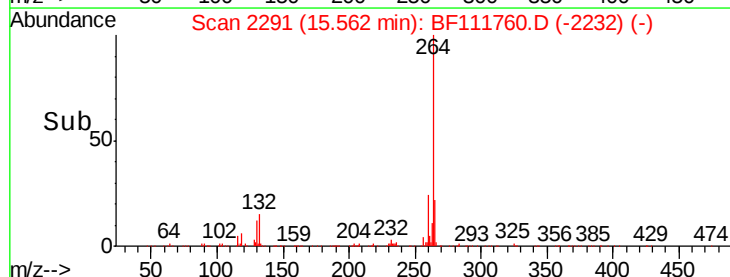
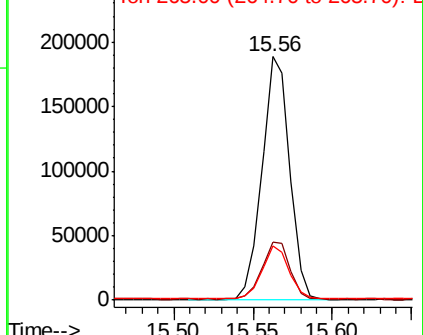


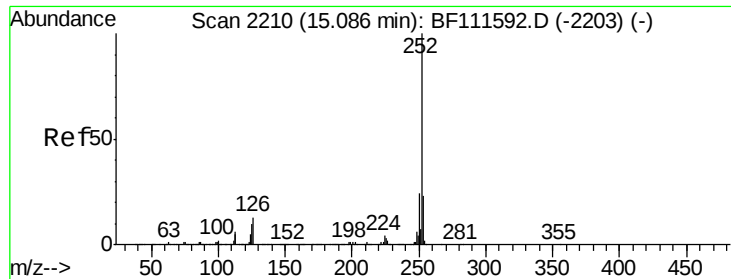
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

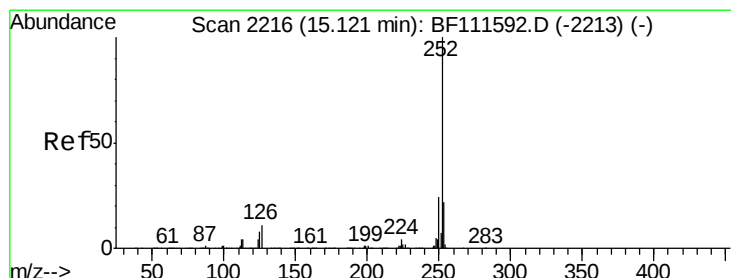
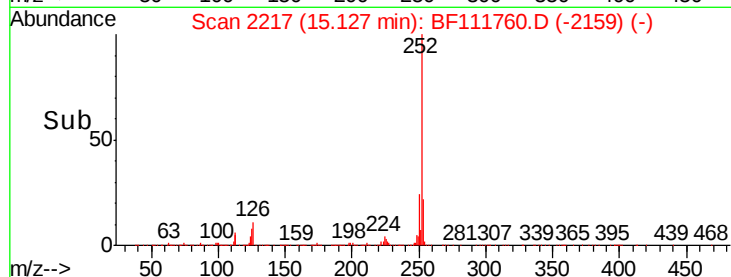
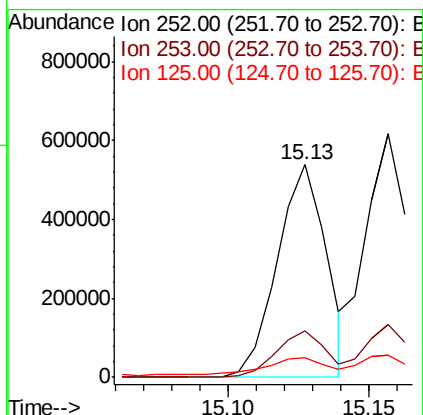
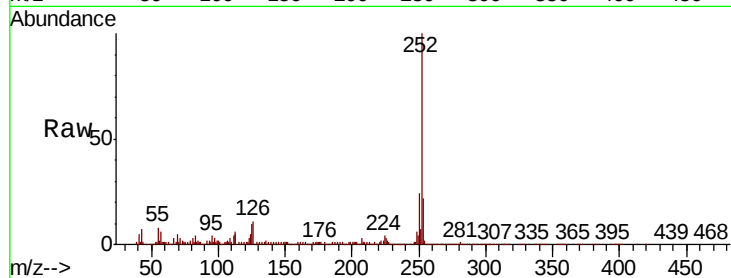




#88
Benzo(b)fluoranthene
Concen: 48.220 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.04 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

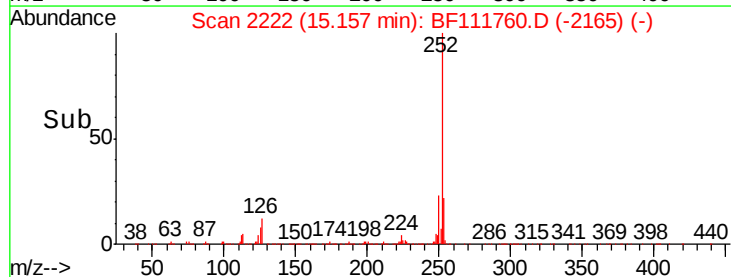
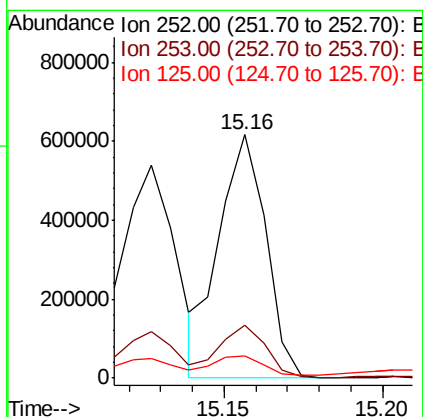
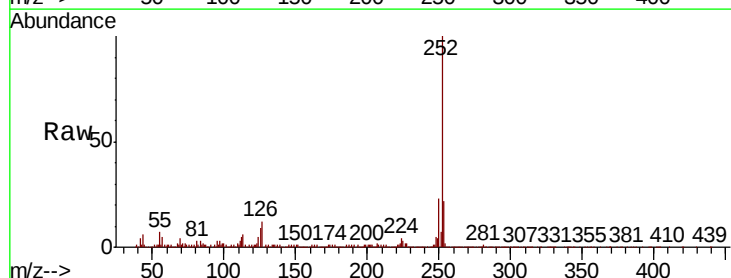
Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MSD

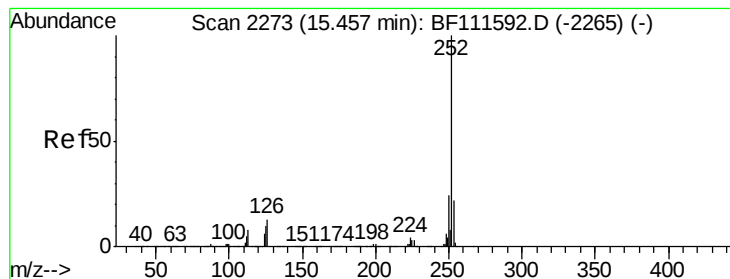
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	9.5	10.4	15.6#



#89
Benzo(k)fluoranthene
Concen: 48.980 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.04 min
Lab File: BF111760.D
Acq: 27 Dec 2018 14:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	9.3	9.8	14.8#





#90

Benzo(a)pyrene

Concen: 46.539 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.05 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MSD

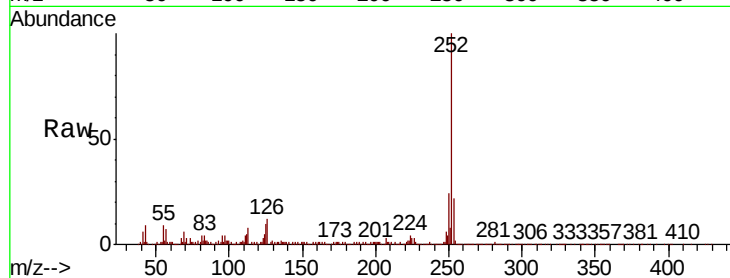
Tgt Ion:252 Resp: 566968

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 10.3 12.3 18.5#

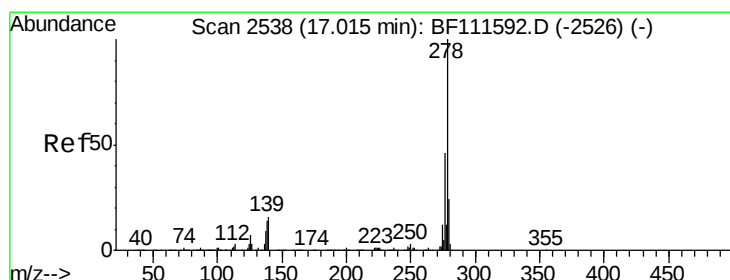
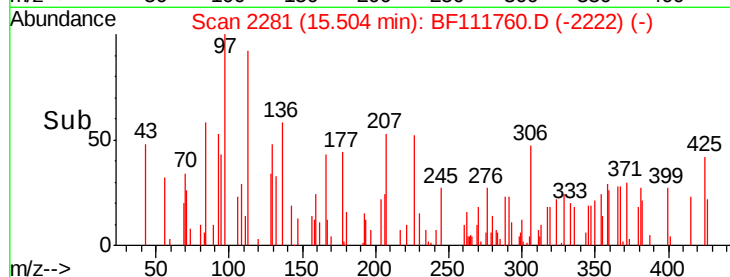
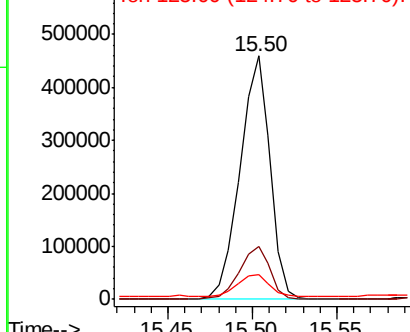


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 43.882 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.08 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

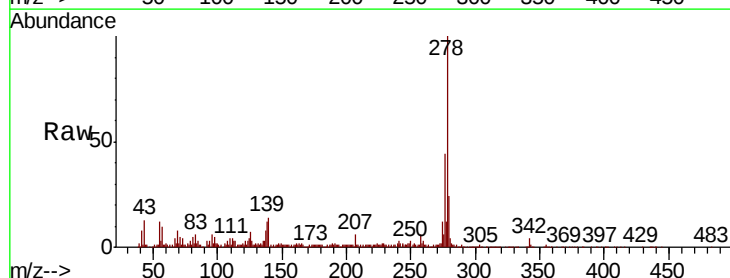
Tgt Ion:278 Resp: 468132

Ion Ratio Lower Upper

278 100

139 14.0 18.2 27.4#

279 24.0 19.0 28.6

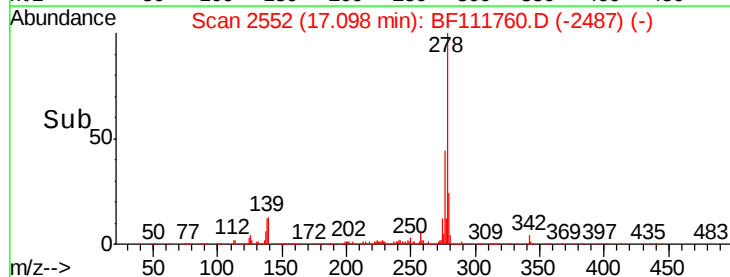
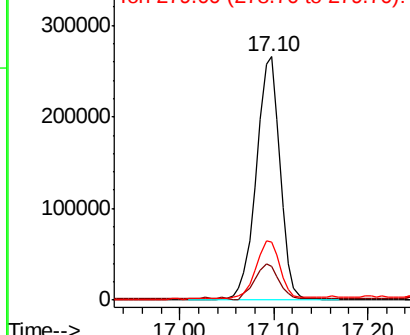


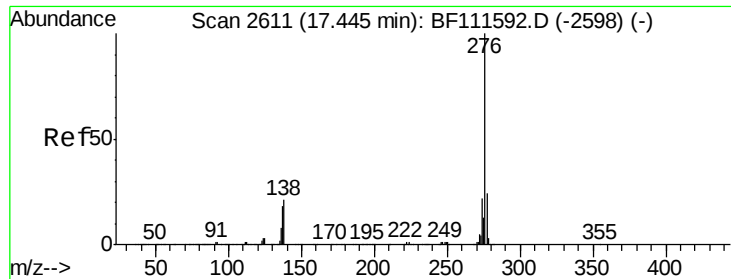
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 43.904 ng

RT: 17.54 min Scan# 2627

Delta R.T. 0.09 min

Lab File: BF111760.D

Acq: 27 Dec 2018 14:16

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01MSD

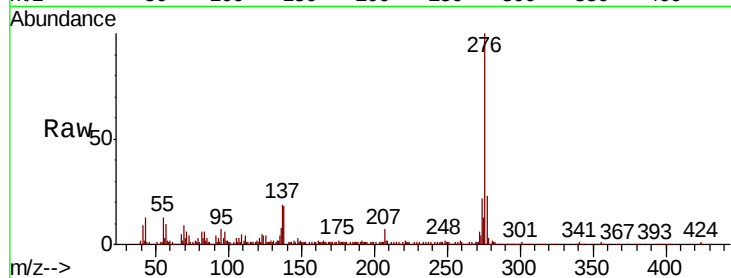
Tgt Ion: 276 Resp: 457352

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 18.4 24.9 37.3#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

