

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
 Data File : BF111776.D
 Acq On : 27 Dec 2018 21:28
 Operator : JU/SJ
 Sample : J6188-06MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-122118MS

Quant Time: Dec 28 00:17:21 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	6.91	152	145026	20.00	ng	0.01
21) Naphthalene-d8	8.19	136	493027	20.00	ng	0.01
39) Acenaphthene-d10	9.95	164	220027	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	389084	20.00	ng	0.02
76) Chrysene-d12	14.07	240	306732	20.00	ng	0.02
87) Perylene-d12	15.56	264	237442	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	884404	103.95	ng	0.05
7) Phenol-d6	6.56	99	1010801	93.35	ng	0.04
23) Nitrobenzene-d5	7.47	82	772486	91.20	ng	0.01
42) 2,4,6-Tribromophenol	10.74	330	303766	116.84	ng	0.02
45) 2-Fluorobiphenyl	9.26	172	1368356	90.65	ng	0.00
79) Terphenyl-d14	13.02	244	1372600	84.86	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	122106	30.503	ng	# 83
3) Pyridine	3.59	79	289221	27.732	ng	97
4) n-Nitrosodimethylamine	3.52	42	210360	41.215	ng	81
6) Aniline	6.57	93	63711	4.616	ng	# 1
8) 2-Chlorophenol	6.70	128	353939	37.553	ng	98
9) Benzaldehyde	6.46	77	199875	26.839	ng	96
10) Phenol	6.57	94	344719	28.215	ng	91
11) bis(2-Chloroethyl)ether	6.64	93	349932	38.223	ng	97
12) 1,3-Dichlorobenzene	6.85	146	407956	37.350	ng	98
13) 1,4-Dichlorobenzene	6.93	146	411888	37.183	ng	97
14) 1,2-Dichlorobenzene	7.08	146	385784	37.328	ng	97
15) Benzyl Alcohol	7.05	79	300315	34.922	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.18	45	568243	33.701	ng	72
17) 2-Methylphenol	7.17	107	262025	34.720	ng	# 83
18) Hexachloroethane	7.42	117	120000	32.147	ng	# 85
19) n-Nitroso-di-n-propylamine	7.32	70	264906	36.838	ng	96
20) 3+4-Methylphenols	7.33	107	340843	35.743	ng	# 64
22) Acetophenone	7.31	105	495698	39.687	ng	# 89
24) Nitrobenzene	7.49	77	382656	43.104	ng	99
25) Isophorone	7.73	82	676573	44.994	ng	99
26) 2-Nitrophenol	7.80	139	161549	44.870	ng	# 94
27) 2,4-Dimethylphenol	7.85	122	289678	40.815	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	418499	41.824	ng	99
29) 2,4-Dichlorophenol	8.05	162	291559	38.193	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	334315	39.299	ng	97
31) Naphthalene	8.22	128	1012567	42.744	ng	97
32) Benzoic acid	7.95	122	122125	26.025	ng	91
33) 4-Chloroaniline	8.26	127	45013	4.396	ng	97
34) Hexachlorobutadiene	8.33	225	210646	40.629	ng	97
35) Caprolactam	8.62	113	62175	24.036	ng	91
36) 4-Chloro-3-methylphenol	8.75	107	265907	35.435	ng	97
37) 2-Methylnaphthalene	8.90	142	669110	43.414	ng	98
38) 1-Methylnaphthalene	9.00	142	619233	41.834	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	318701	44.080	ng	# 97

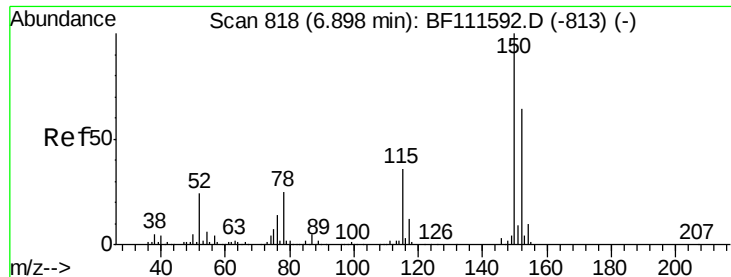
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
 Data File : BF111776.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	104394	29.755	ng	99
43) 2,4,6-Trichlorophenol	9.19	196	195671	40.535	ng	99
44) 2,4,5-Trichlorophenol	9.23	196	201020	40.592	ng	96
46) 1,1'-Biphenyl	9.36	154	796687	42.894	ng	95
47) 2-Chloronaphthalene	9.39	162	604634	41.088	ng	95
48) 2-Nitroaniline	9.48	65	191427	50.003	ng	98
49) Acenaphthylene	9.81	152	938840	43.696	ng	95
50) Dimethylphthalate	9.66	163	732268	45.511	ng	98
51) 2,6-Dinitrotoluene	9.72	165	142956	44.558	ng	95
52) Acenaphthene	9.98	154	549238	41.447	ng	98
53) 3-Nitroaniline	9.89	138	84506	24.697	ng	92
54) 2,4-Dinitrophenol	9.99	184	19247	24.293	ng	# 66
55) Dibenzofuran	10.15	168	831963	41.556	ng	95
56) 4-Nitrophenol	10.07	139	168445	64.507	ng	88
57) 2,4-Dinitrotoluene	10.12	165	182894	47.431	ng	# 94
58) Fluorene	10.49	166	635508	44.051	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	166956	40.061	ng	91
60) Diethylphthalate	10.36	149	694415	43.997	ng	100
61) 4-Chlorophenyl-phenylether	10.48	204	325834	40.880	ng	96
62) 4-Nitroaniline	10.50	138	144186	43.356	ng	87
63) Azobenzene	10.65	77	611737	38.607	ng	94
65) 4,6-Dinitro-2-methylphenol	10.53	198	17227	15.912	ng	86
66) n-Nitrosodiphenylamine	10.60	169	550283	42.132	ng	97
67) 4-Bromophenyl-phenylether	10.97	248	201179	41.687	ng	# 91
68) Hexachlorobenzene	11.05	284	222009	41.260	ng	99
69) Atrazine	11.13	200	172091	37.927	ng	96
70) Pentachlorophenol	11.24	266	171164	51.455	ng	98
71) Phenanthrene	11.46	178	913769	44.283	ng	95
72) Anthracene	11.51	178	936823	45.232	ng	95
73) Carbazole	11.66	167	801607	39.864	ng	95
74) Di-n-butylphthalate	11.99	149	1027595	45.579	ng	96
75) Fluoranthene	12.65	202	955278	45.717	ng	96
77) Benzidine	12.76	184	149956	12.992	ng	97
78) Pyrene	12.87	202	958844	44.267	ng	96
80) Butylbenzylphthalate	13.49	149	424186	48.042	ng	89
81) Benzo(a)anthracene	14.06	228	791032	45.189	ng	98
82) 3,3'-Dichlorobenzidine	14.02	252	95714	13.839	ng	# 96
83) Chrysene	14.10	228	743656	43.224	ng	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	581259	52.264	ng	# 97
85) Di-n-octyl phthalate	14.66	149	907466	52.664	ng	96
86) Indeno(1,2,3-cd)pyrene	17.07	276	575143	39.324	ng	# 87
88) Benzo(b)fluoranthene	15.12	252	645409	46.509	ng	# 96
89) Benzo(k)fluoranthene	15.16	252	590200	44.674	ng	# 95
90) Benzo(a)pyrene	15.50	252	574767	45.590	ng	# 93
91) Dibenzo(a,h)anthracene	17.09	278	491929	44.559	ng	# 90
92) Benzo(g,h,i)perylene	17.52	276	473843	43.955	ng	# 87

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

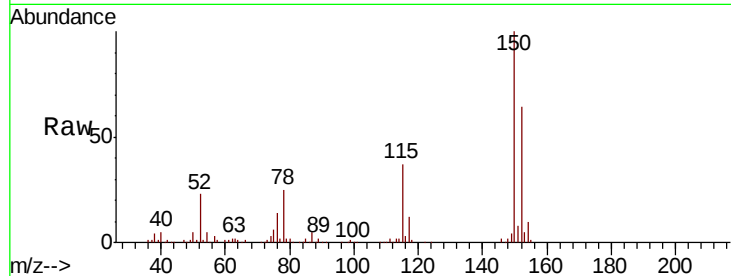


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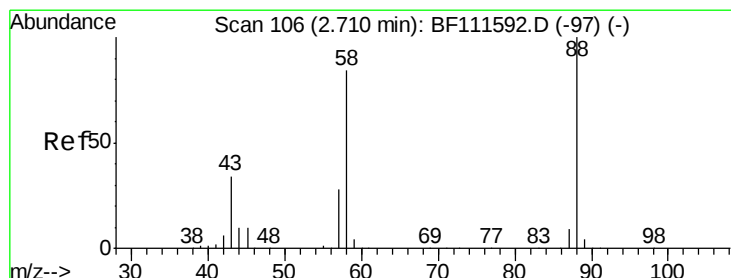
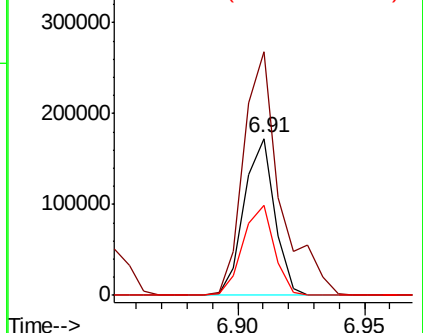
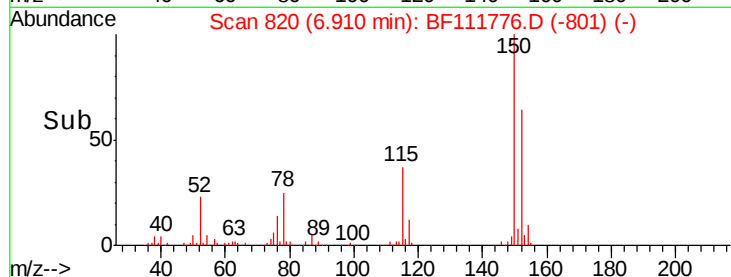
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tgt Ion:152 Resp: 145026
Ion Ratio Lower Upper
152 100
150 155.5 126.6 189.8
115 57.5 50.7 76.1



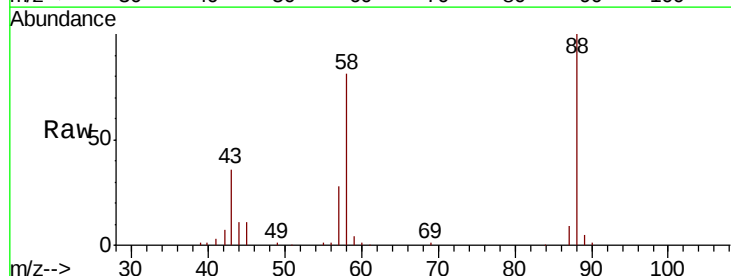
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



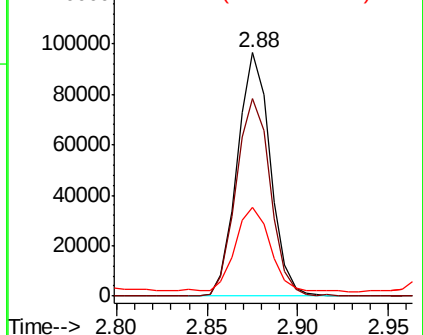
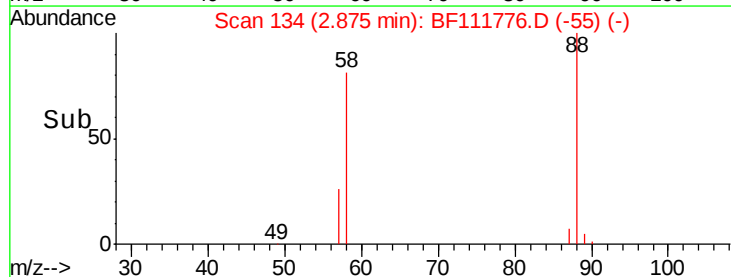
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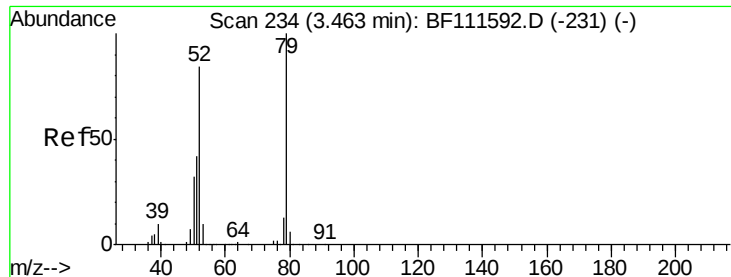
1,4-Dioxane
Concen: 30.503 ng
RT: 2.88 min Scan# 134
Delta R.T. 0.16 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion: 88 Resp: 122106
Ion Ratio Lower Upper
88 100
58 84.4 68.9 103.3
43 0.0 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: 27.732 ng

RT: 3.59 min Scan# 256

Delta R.T. 0.13 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-122118MS

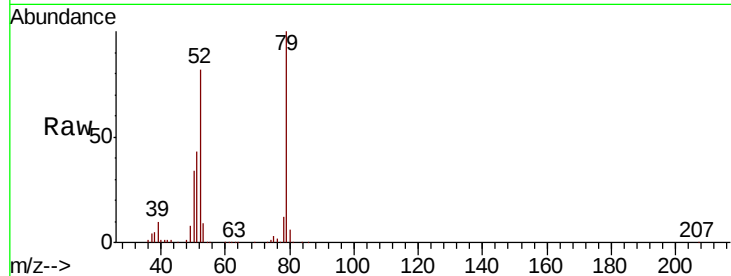
Tgt Ion: 79 Resp: 289221

Ion Ratio Lower Upper

79 100

52 82.4 68.3 102.5

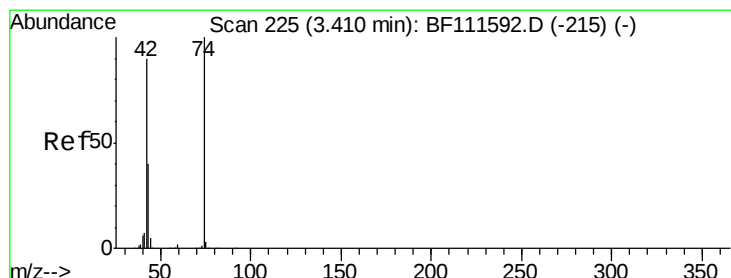
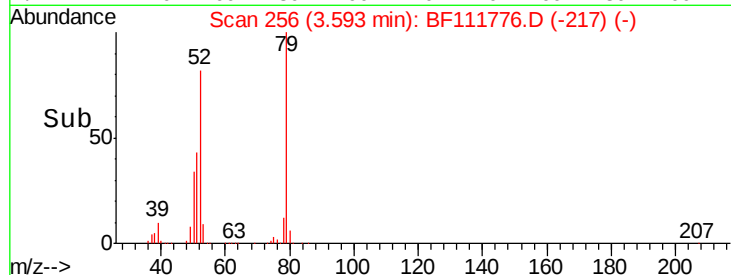
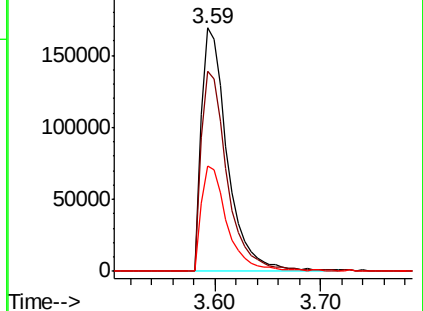
51 43.1 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.215 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.11 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

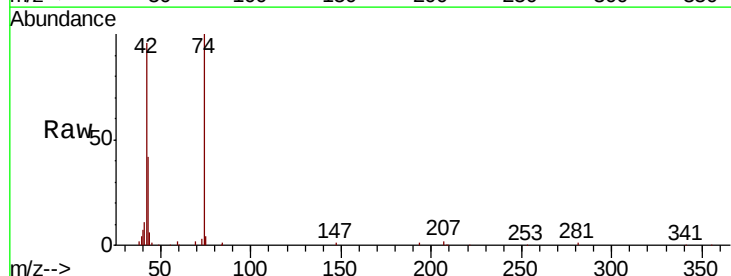
Tgt Ion: 42 Resp: 210360

Ion Ratio Lower Upper

42 100

74 104.4 101.5 152.3

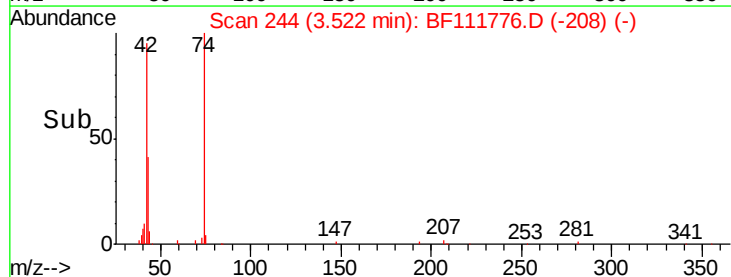
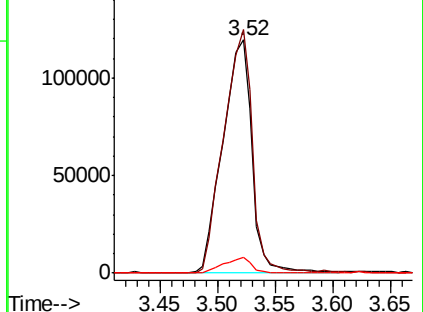
44 6.6 6.0 9.0

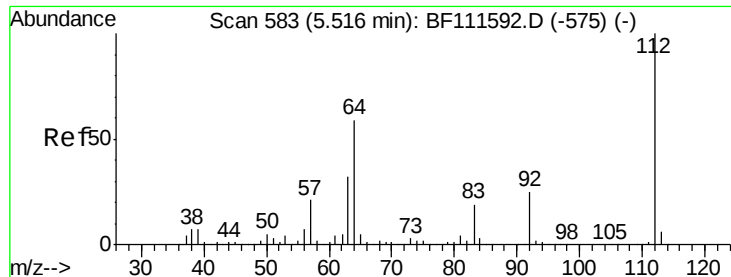


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

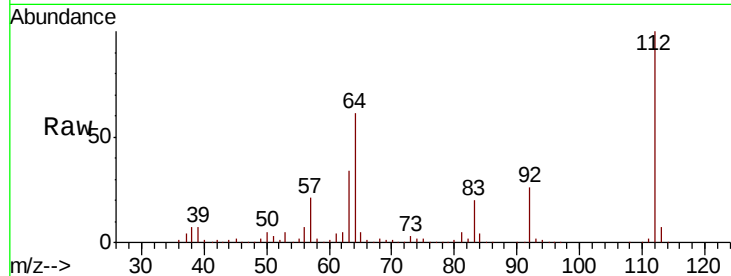




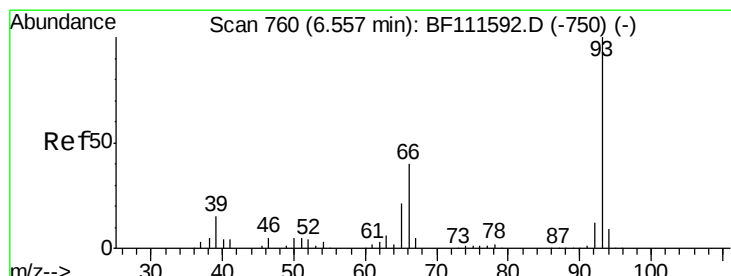
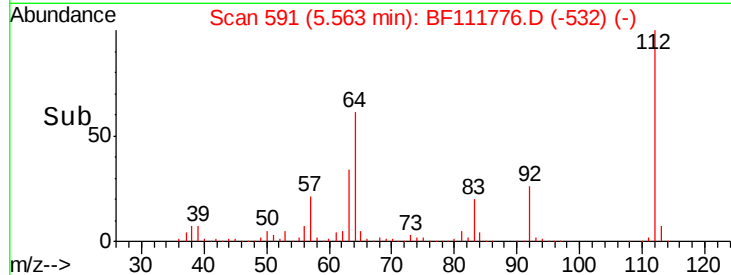
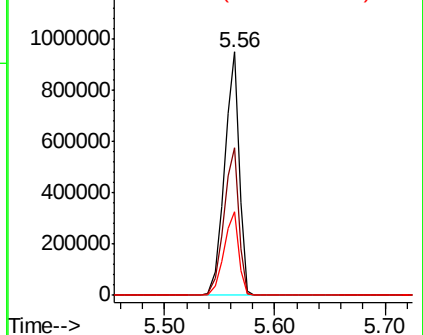
#5
 2-Fluorophenol
 Concen: 103.947 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.05 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-122118MS

Tgt Ion: 112 Resp: 884404
 Ion Ratio Lower Upper
 112 100
 64 60.7 51.8 77.6
 63 34.3 26.8 40.2

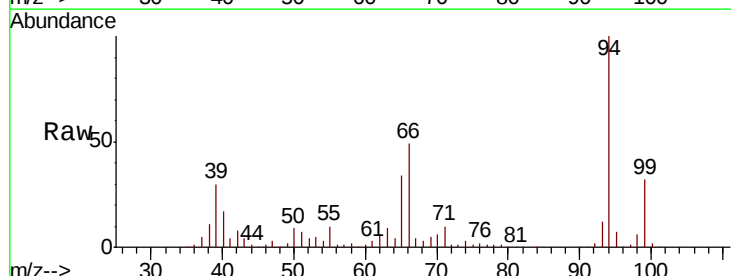


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

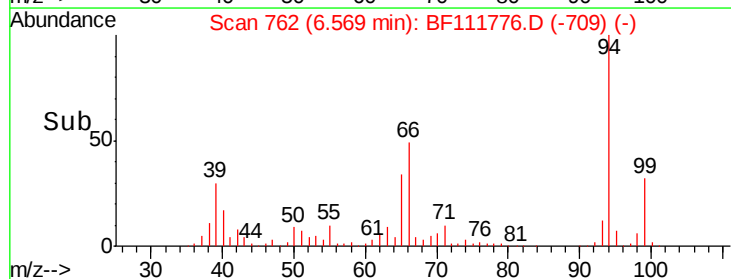
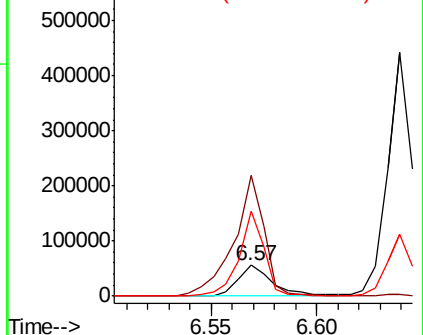


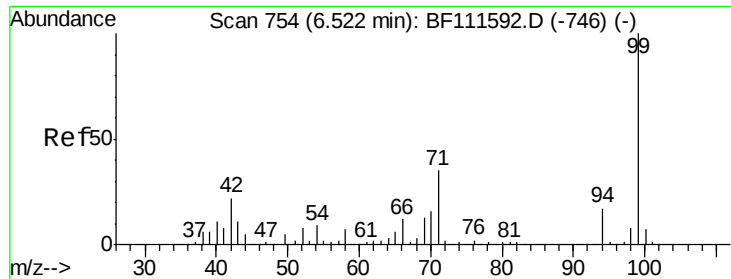
#6
 Aniline
 Concen: 4.616 ng
 RT: 6.57 min Scan# 762
 Delta R.T. 0.01 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

Tgt Ion: 93 Resp: 63711
 Ion Ratio Lower Upper
 93 100
 66 393.4 33.2 49.8#
 65 273.3 17.0 25.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 93.350 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.04 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-122118MS

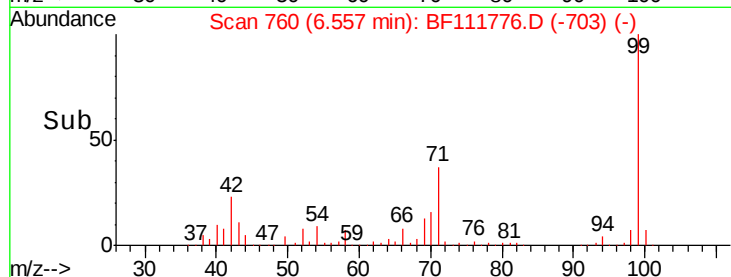
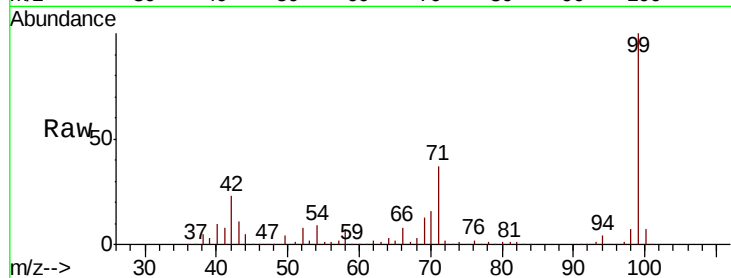
Tgt Ion: 99 Resp: 1010801

Ion Ratio Lower Upper

99 100

42 22.8 17.4 26.0

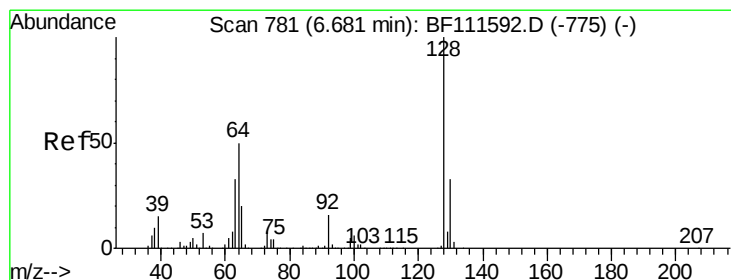
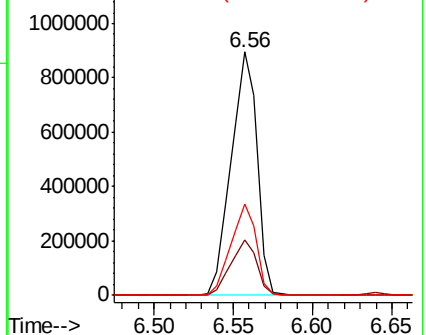
71 37.4 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.553 ng

RT: 6.70 min Scan# 785

Delta R.T. 0.02 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

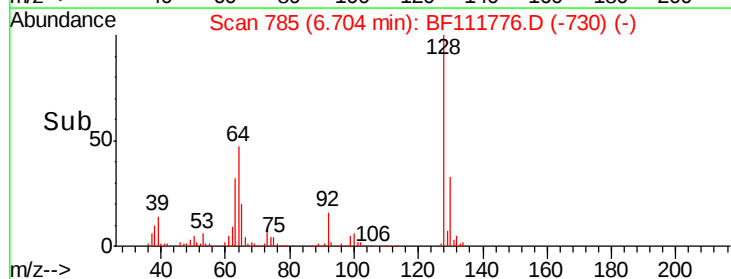
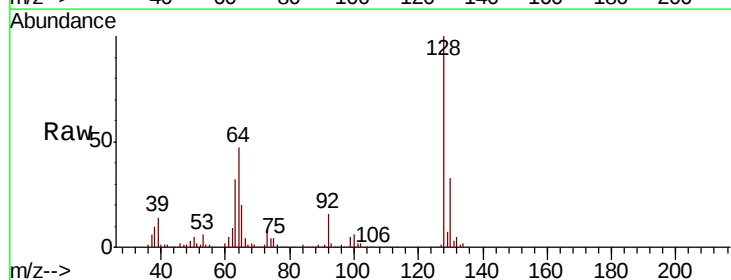
Tgt Ion: 128 Resp: 353939

Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

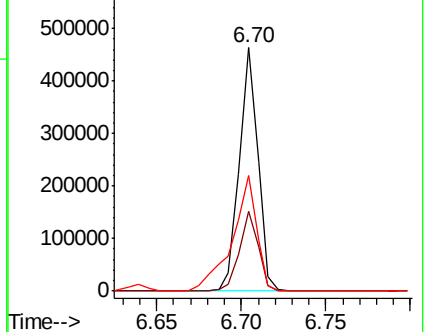
64 47.3 30.0 70.0

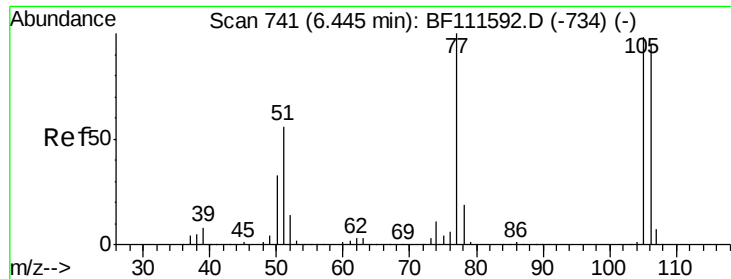


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.839 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-122118MS

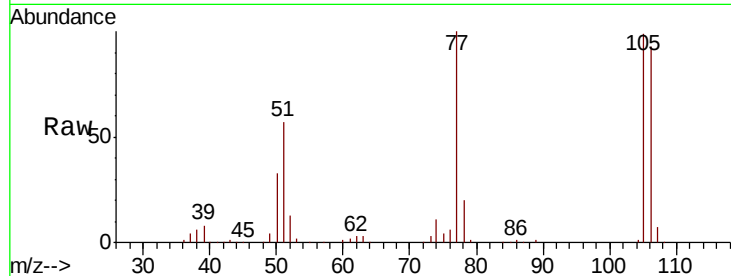
Tgt Ion: 77 Resp: 199875

Ion Ratio Lower Upper

77 100

105 99.3 81.4 121.4

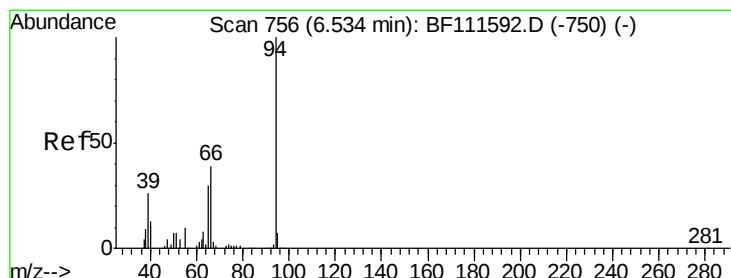
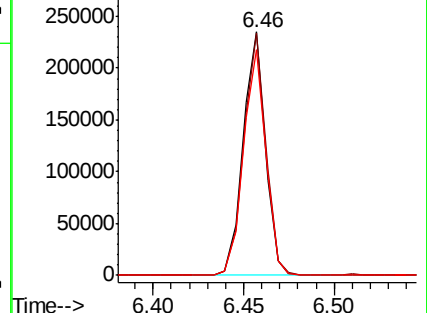
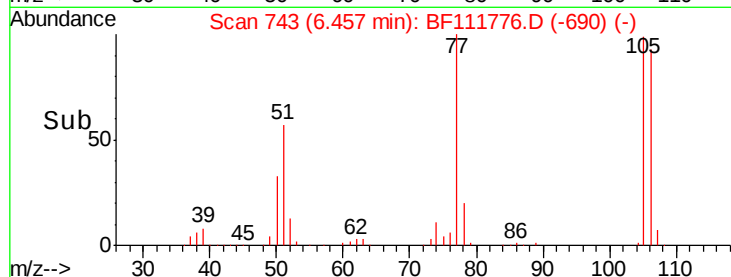
106 92.7 77.9 117.9



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: 28.215 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.04 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

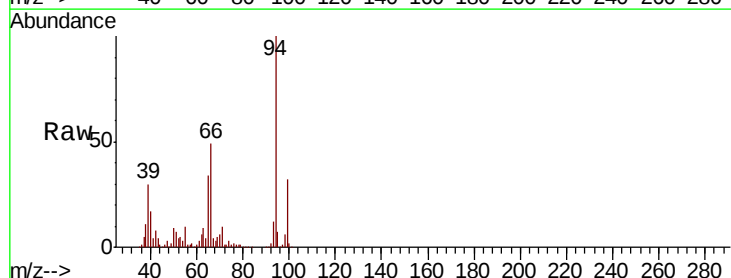
Tgt Ion: 94 Resp: 344719

Ion Ratio Lower Upper

94 100

65 34.1 11.7 51.7

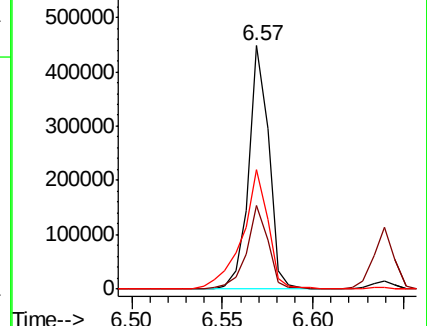
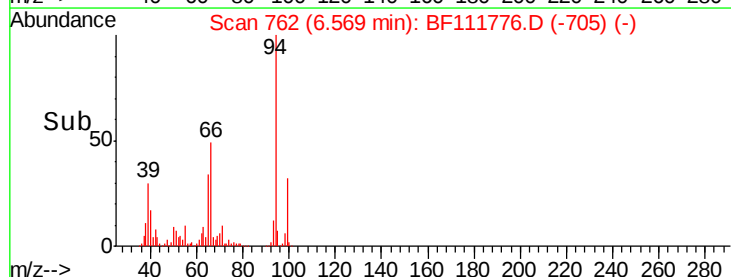
66 49.1 21.0 61.0

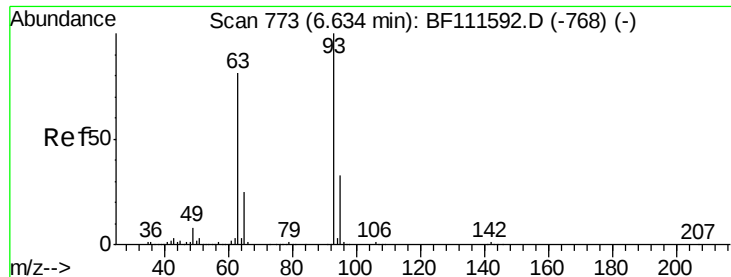


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

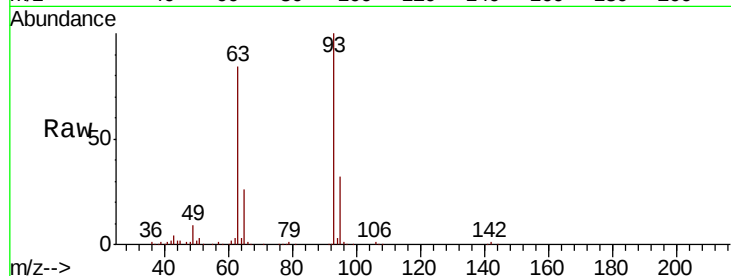




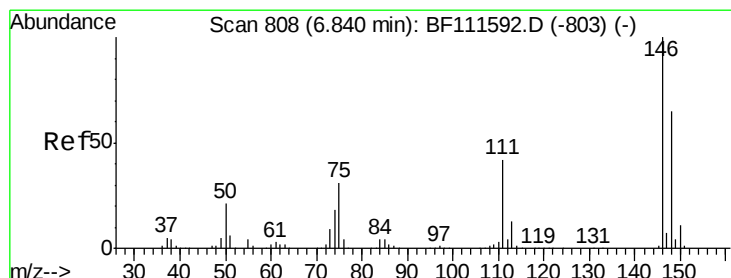
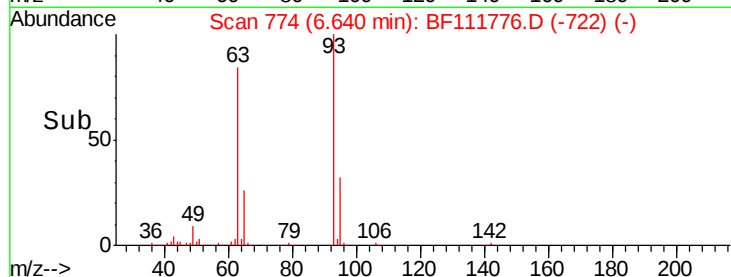
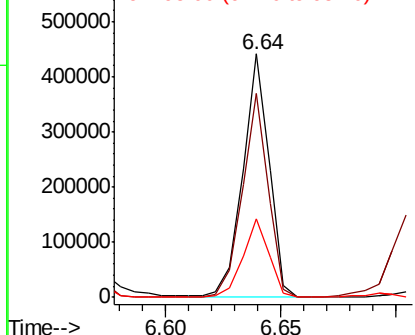
#11
bis(2-Chloroethyl)ether
Concen: 38.223 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tgt Ion: 93 Resp: 349932
Ion Ratio Lower Upper
93 100
63 83.7 60.0 100.0
95 32.5 13.4 53.4

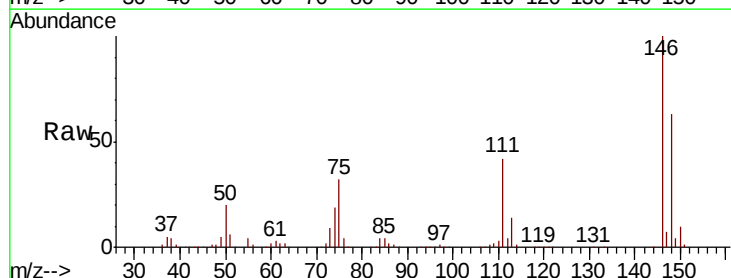


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

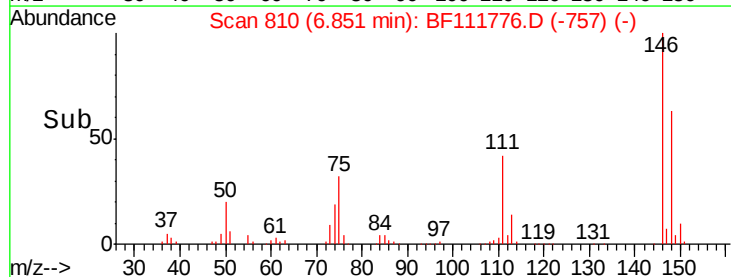
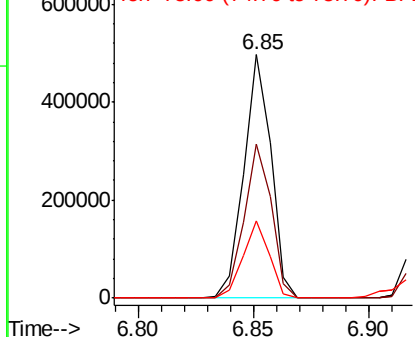


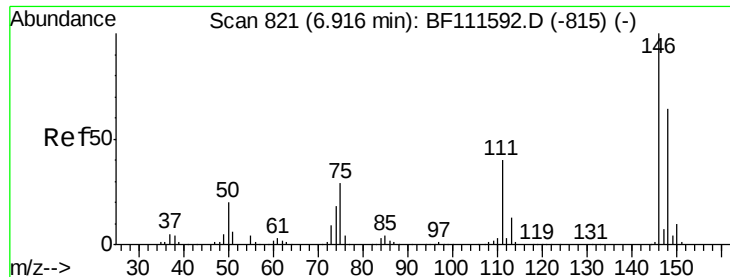
#12
1,3-Dichlorobenzene
Concen: 37.350 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion: 146 Resp: 407956
Ion Ratio Lower Upper
146 100
148 63.4 52.1 78.1
75 31.6 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

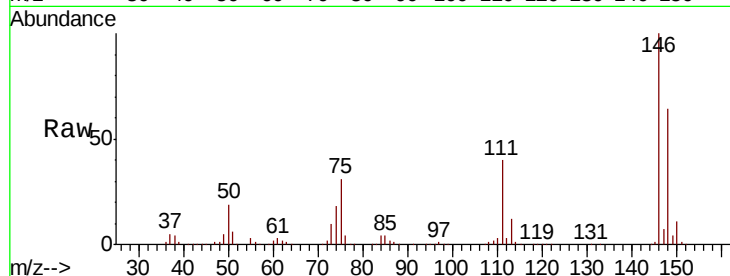




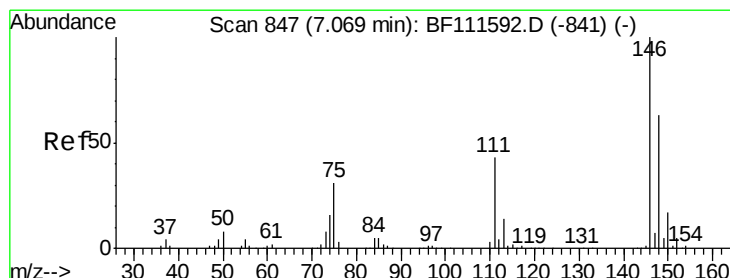
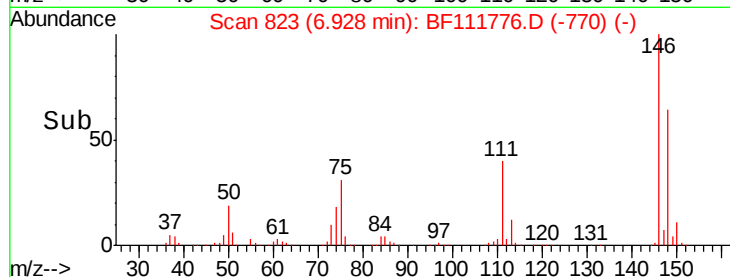
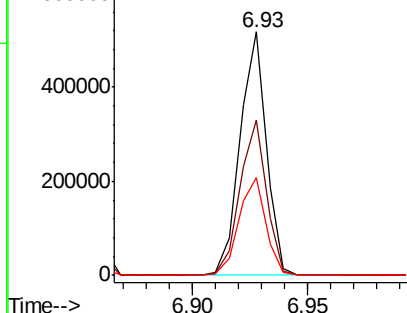
#13
 1,4-Dichlorobenzene
 Concen: 37.183 ng
 RT: 6.93 min Scan# 823
 Delta R.T. 0.01 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-122118MS

Tgt Ion:146 Resp: 411888
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.8 79.2
 111 40.1 33.4 50.0

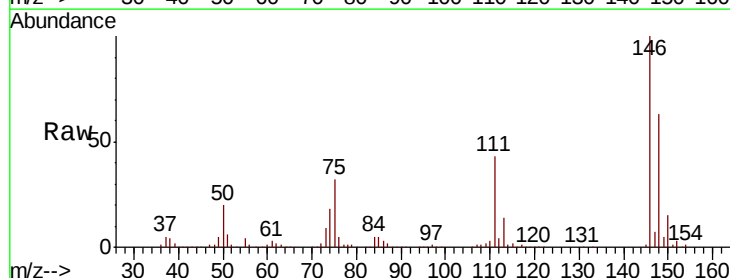


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

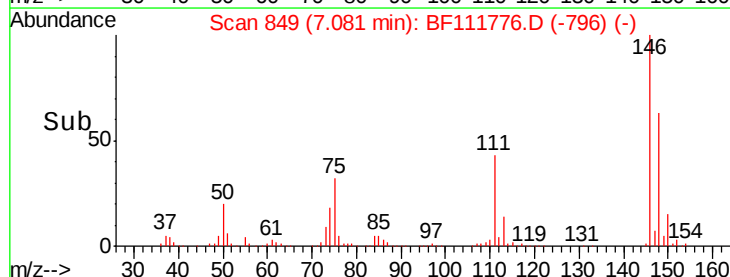
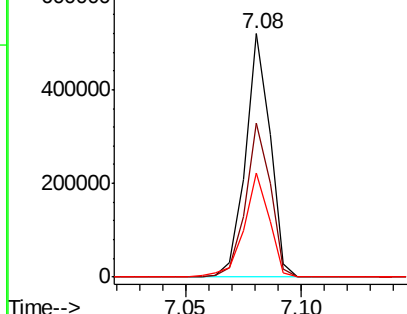


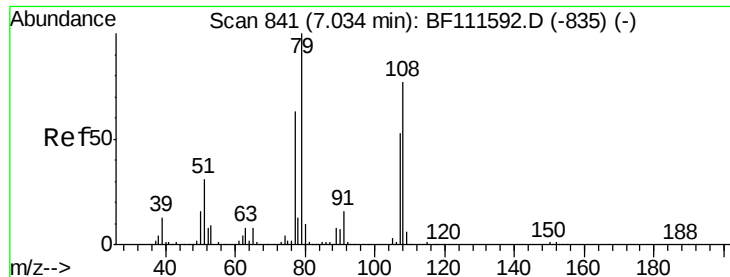
#14
 1,2-Dichlorobenzene
 Concen: 37.328 ng
 RT: 7.08 min Scan# 849
 Delta R.T. 0.01 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

Tgt Ion:146 Resp: 385784
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.9 77.9
 111 42.7 36.2 54.4



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





#15

Benzyl Alcohol

Concen: 34.922 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.02 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-122118MS

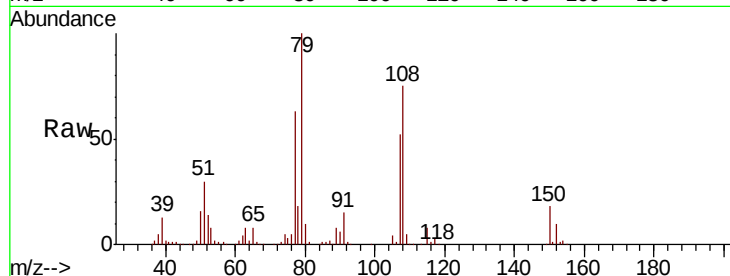
Tgt Ion: 79 Resp: 300315

Ion Ratio Lower Upper

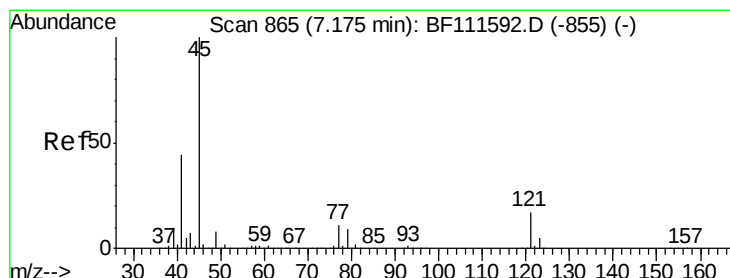
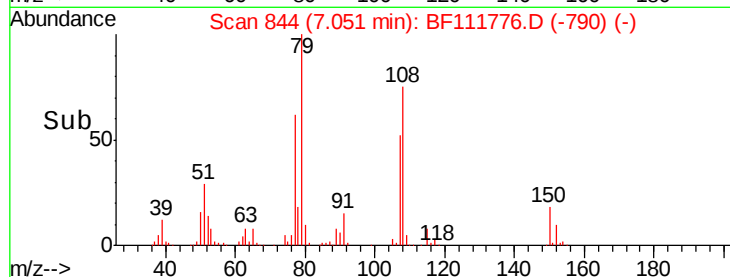
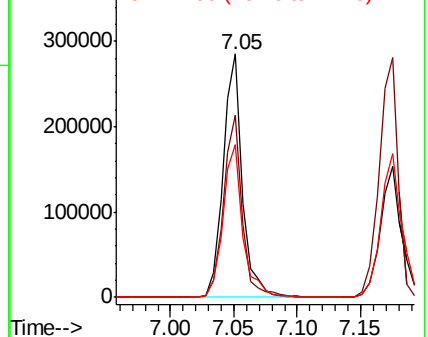
79 100

108 74.8 69.4 104.2

77 62.6 49.7 74.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.701 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

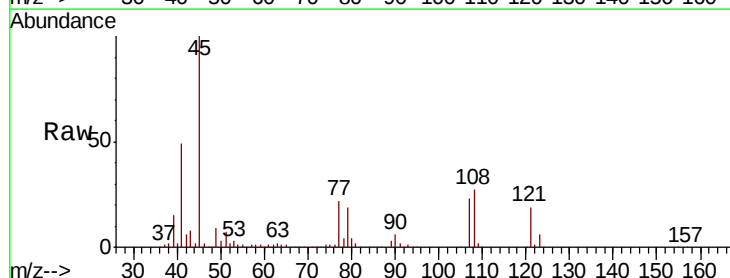
Tgt Ion: 45 Resp: 568243

Ion Ratio Lower Upper

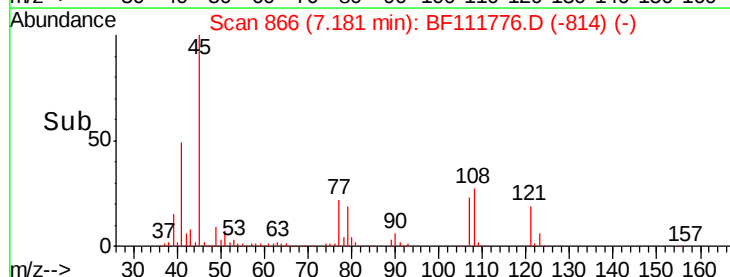
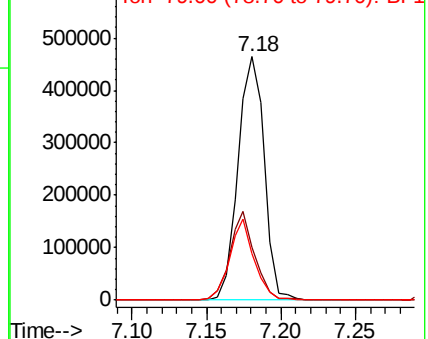
45 100

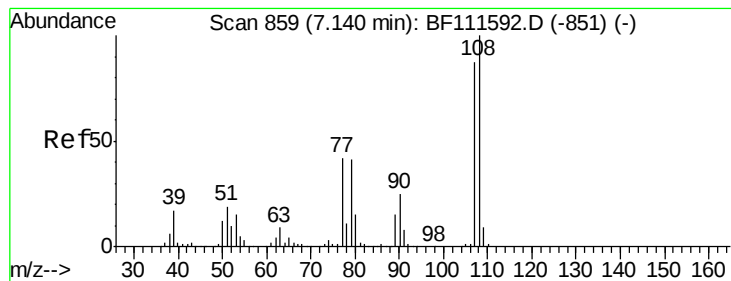
77 21.8 0.0 31.5

79 19.2 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: 34.720 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.04 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-122118MS

Tgt Ion:107 Resp: 262025

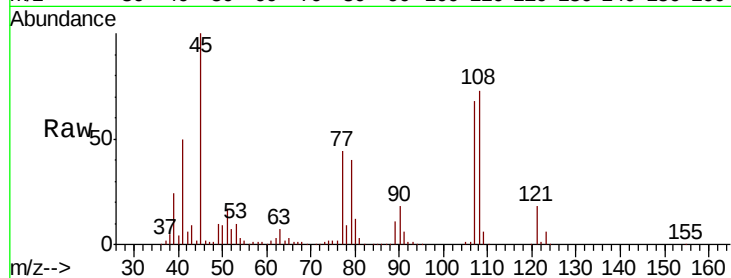
Ion Ratio Lower Upper

107 100

108 108.3 91.0 136.4

77 64.9 33.5 50.3#

79 59.3 33.3 49.9#



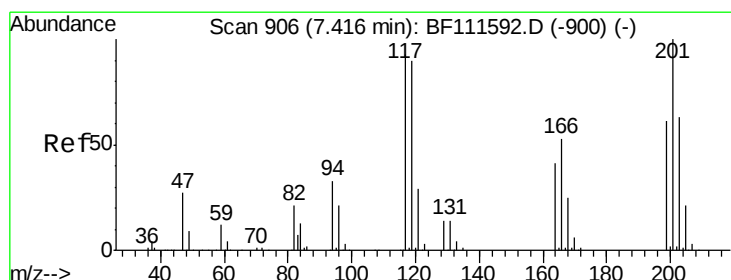
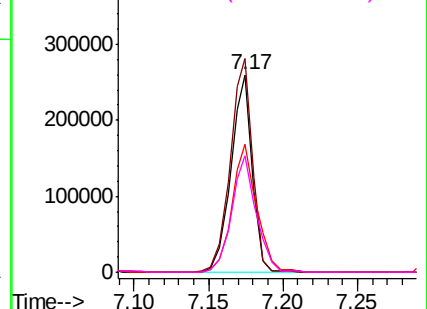
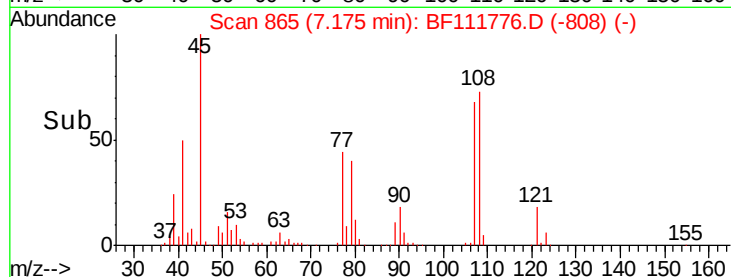
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 32.147 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.01 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

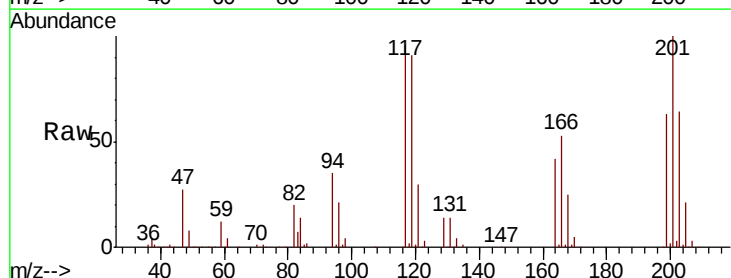
Tgt Ion:117 Resp: 120000

Ion Ratio Lower Upper

117 100

119 95.6 75.4 113.0

201 104.7 62.4 93.6#

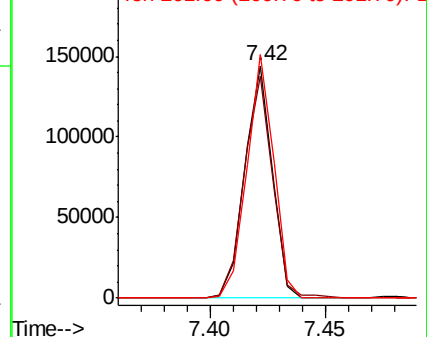
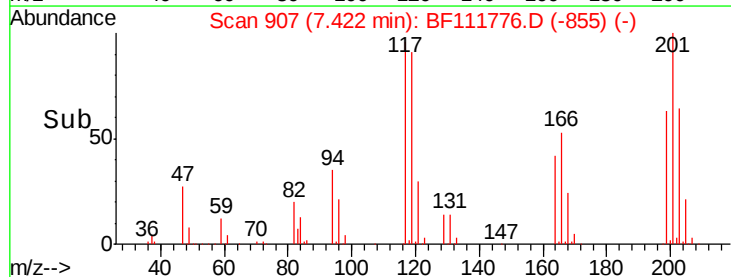


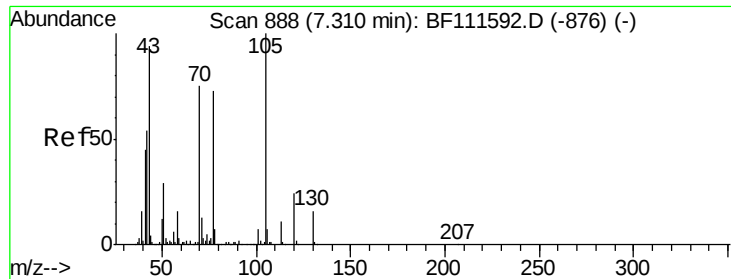
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

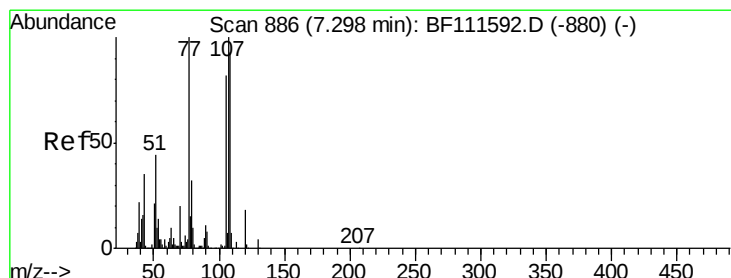
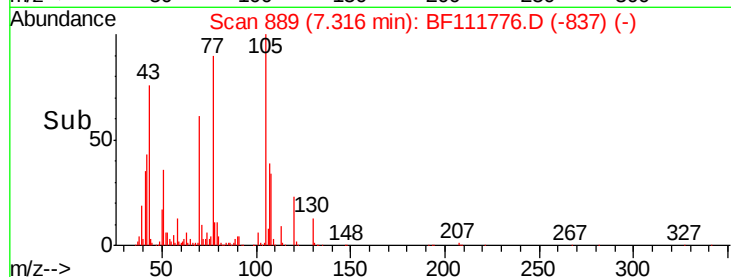
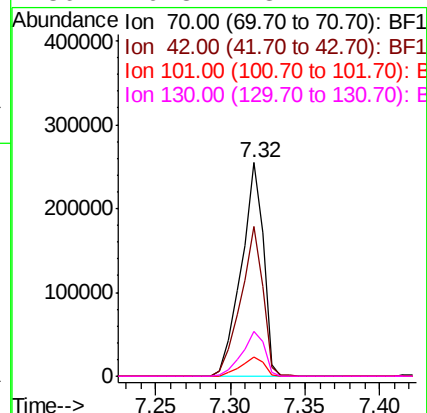
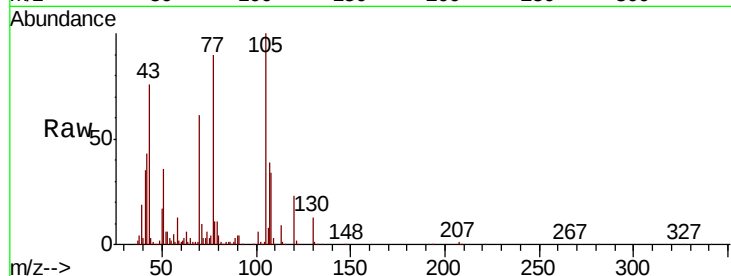




#19
n-Nitroso-di-n-propylamine
Concen: 36.838 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

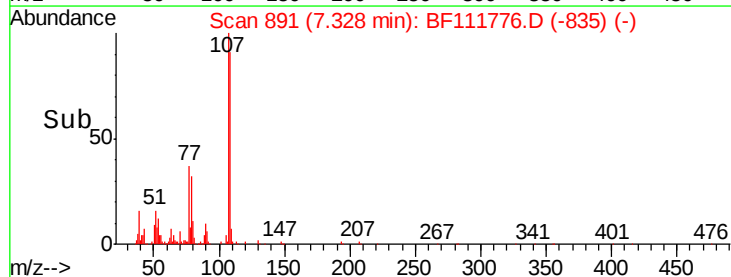
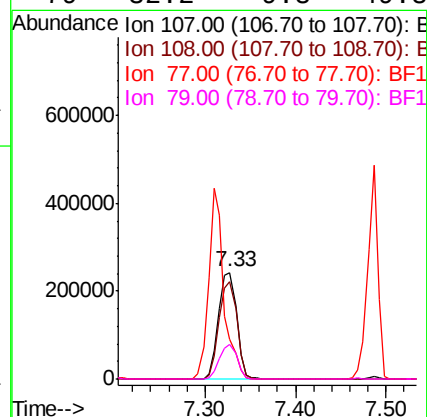
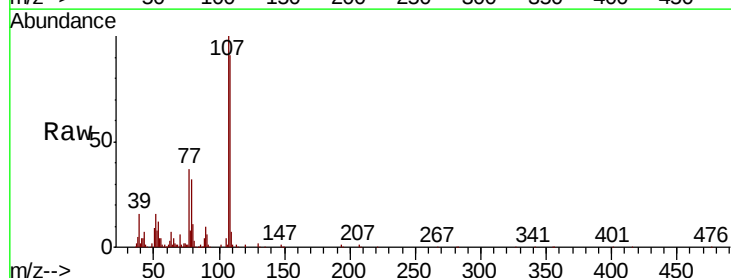
Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

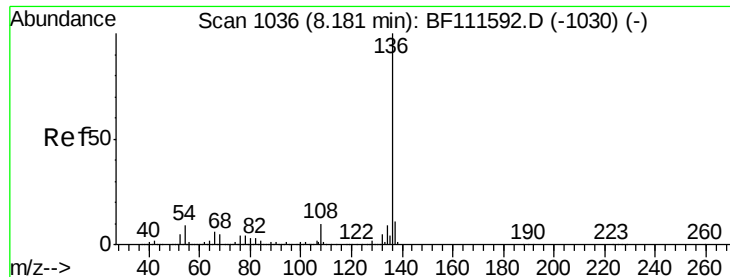
Tgt Ion:	70	Resp:	264906
Ion	Ratio	Lower	Upper
70	100		
42	69.9	53.2	79.8
101	9.2	8.2	12.4
130	20.8	18.1	27.1



#20
3+4-Methylphenols
Concen: 35.743 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.03 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion:	107	Resp:	340843
Ion	Ratio	Lower	Upper
107	100		
108	91.2	72.1	112.1
77	36.7	94.1	134.1#
79	32.2	9.8	49.8

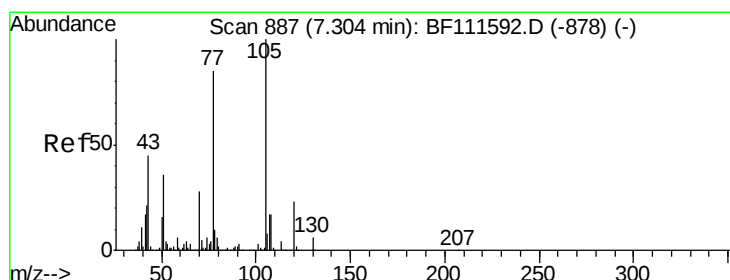
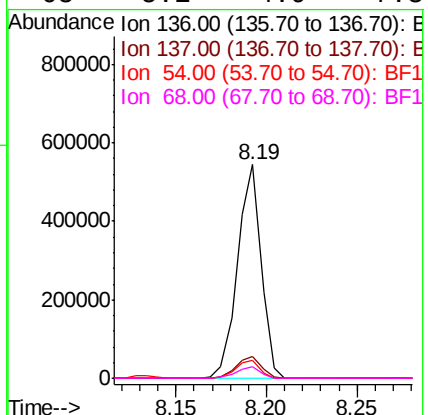
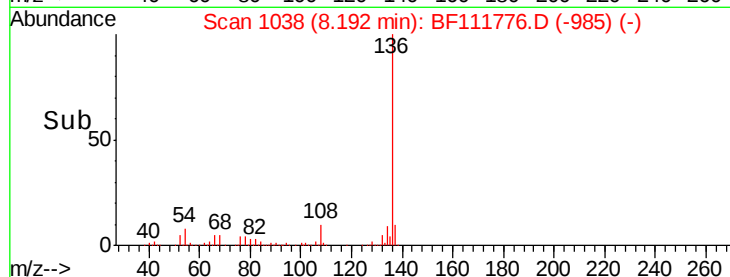
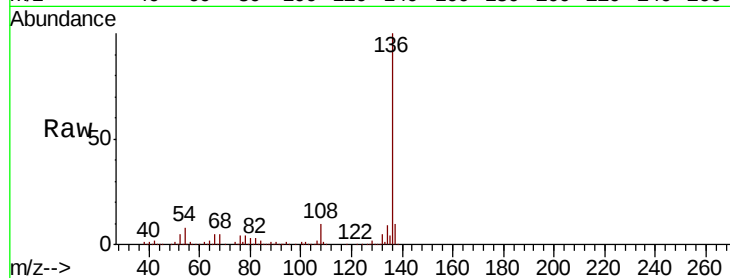




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

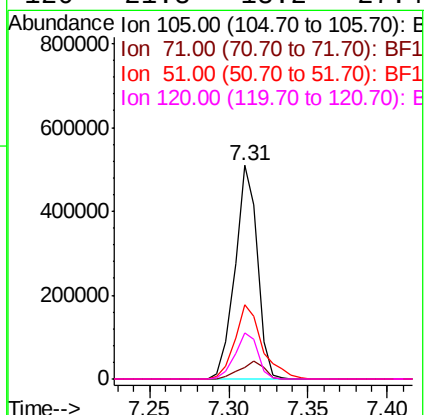
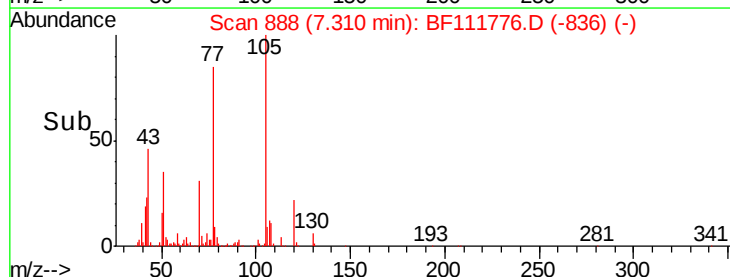
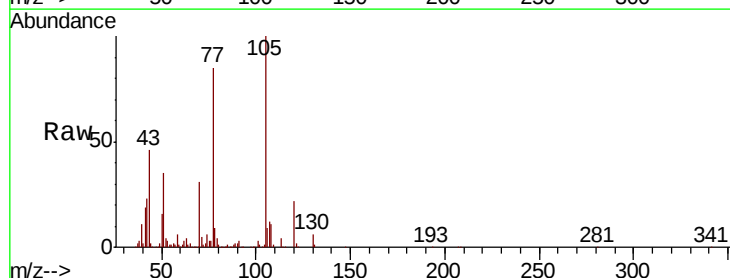
Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

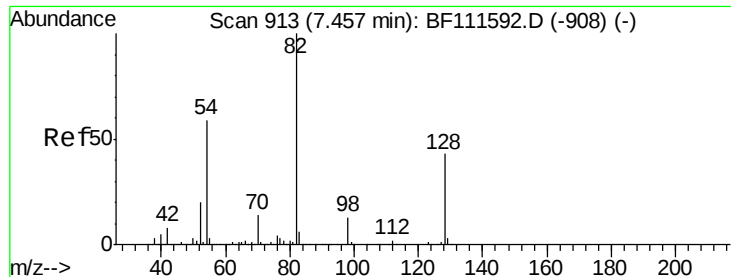
Tgt Ion:	136	Resp:	493027
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	8.4	7.7	11.5
68	5.1	4.9	7.3



#22
Acetophenone
Concen: 39.687 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion:	105	Resp:	495698
Ion	Ratio	Lower	Upper
105	100		
71	5.1	3.1	4.7#
51	34.7	36.6	54.8#
120	21.8	18.2	27.4

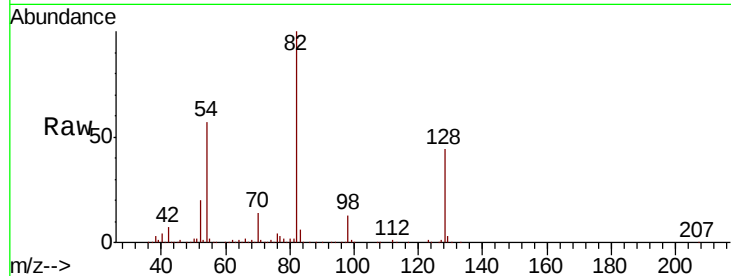




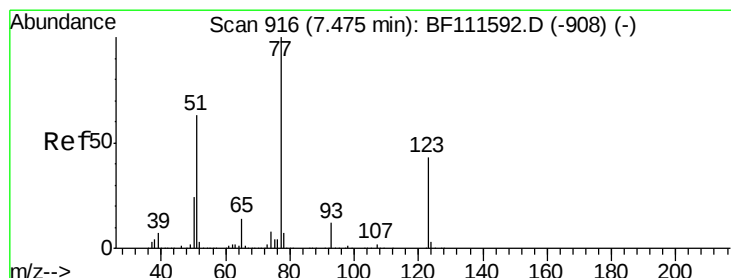
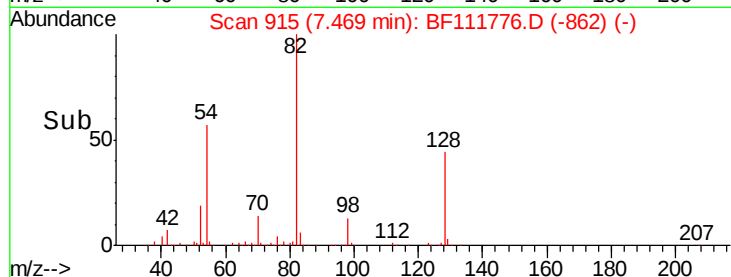
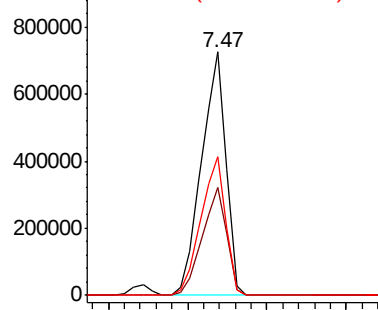
#23
 Nitrobenzene-d5
 Concen: 91.201 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-122118MS

Tgt Ion: 82 Resp: 772486
 Ion Ratio Lower Upper
 82 100
 128 44.2 37.4 56.2
 54 57.1 47.6 71.4

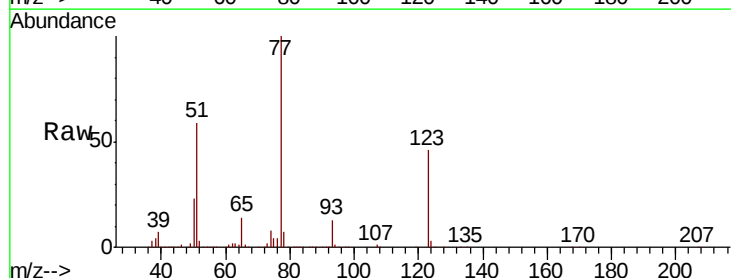


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

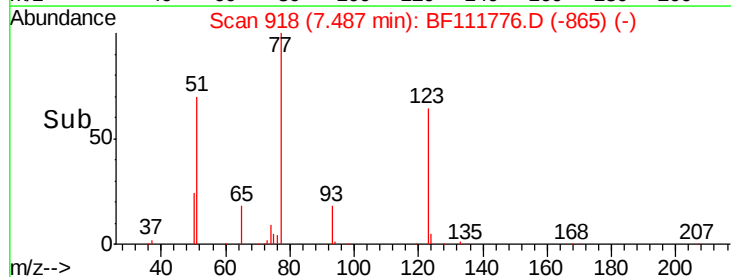
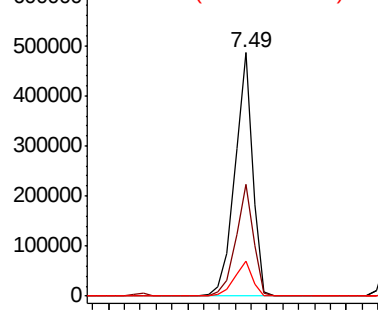


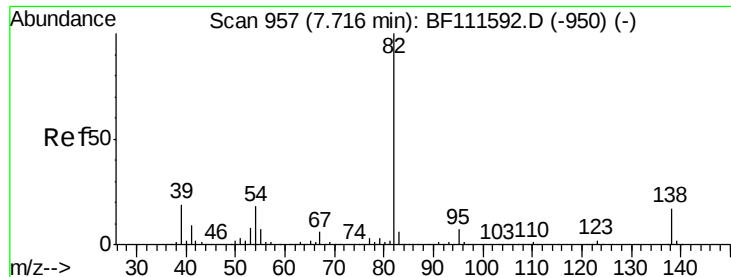
#24
 Nitrobenzene
 Concen: 43.104 ng
 RT: 7.49 min Scan# 918
 Delta R.T. 0.01 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

Tgt Ion: 77 Resp: 382656
 Ion Ratio Lower Upper
 77 100
 123 46.1 37.2 55.8
 65 14.1 11.5 17.3



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

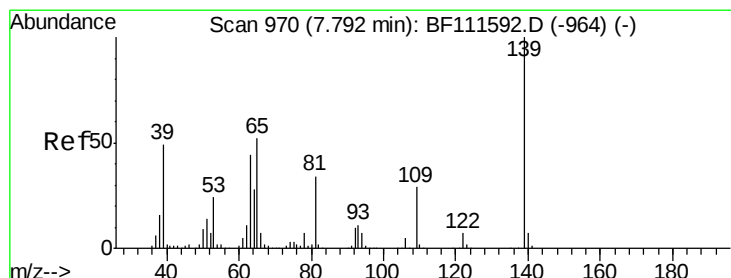
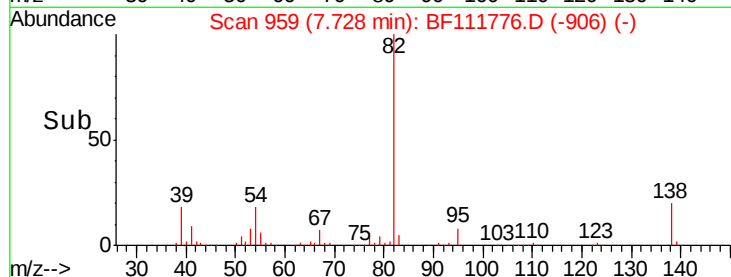
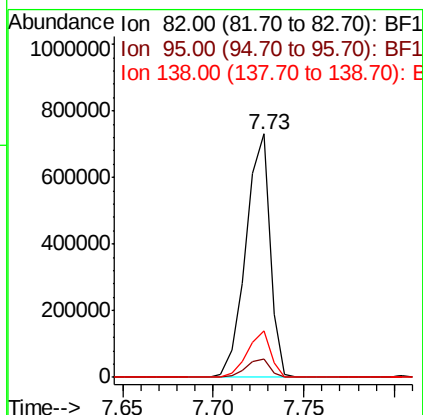
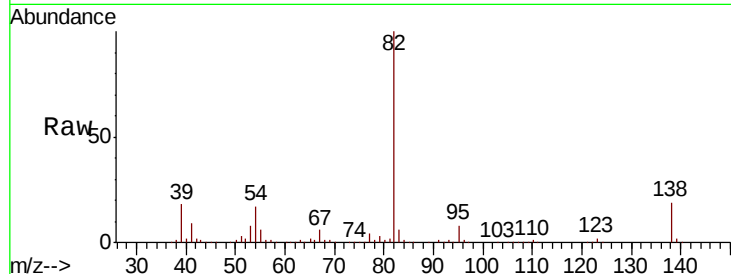




#25
Isophorone
Concen: 44.994 ng
RT: 7.73 min Scan# 959
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

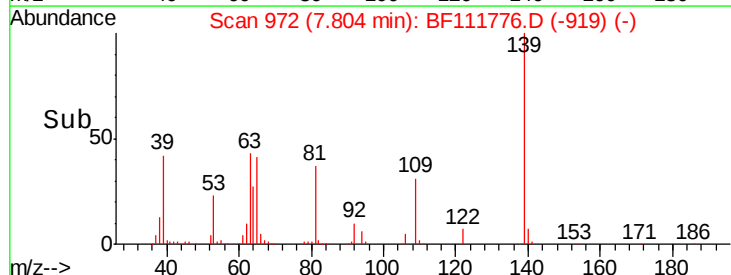
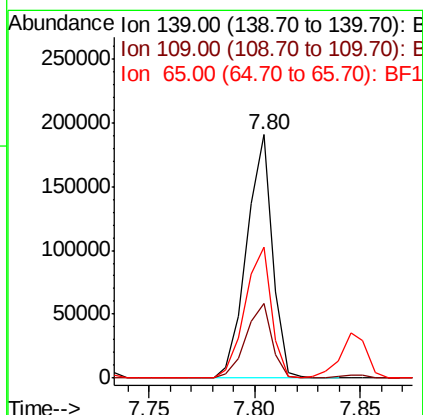
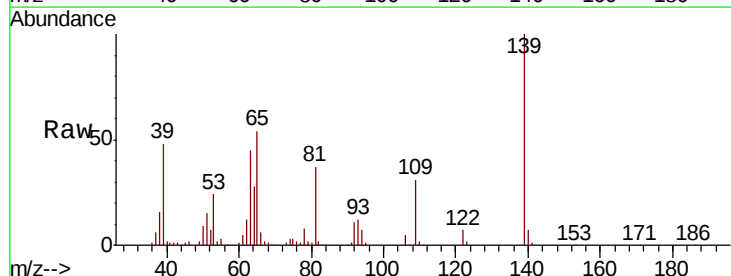
Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

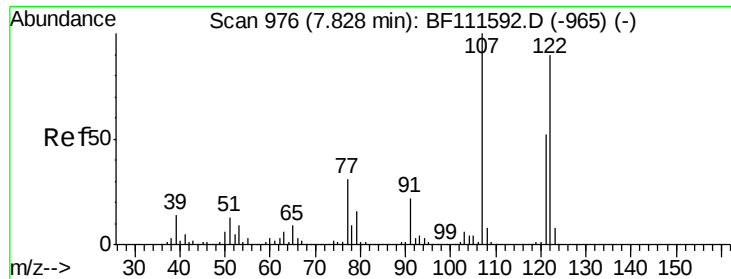
Tgt Ion: 82 Resp: 676573
Ion Ratio Lower Upper
82 100
95 7.8 5.4 8.2
138 19.0 15.1 22.7



#26
2-Nitrophenol
Concen: 44.870 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion: 139 Resp: 161549
Ion Ratio Lower Upper
139 100
109 30.5 20.2 30.4#
65 53.8 40.7 61.1

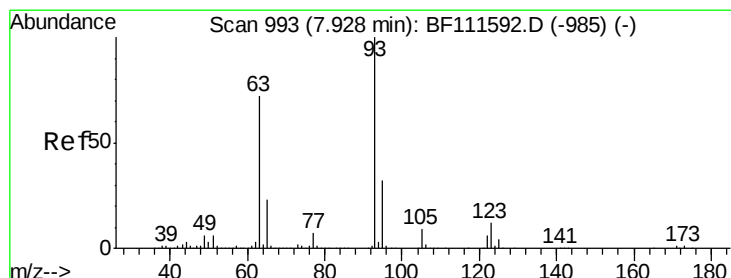
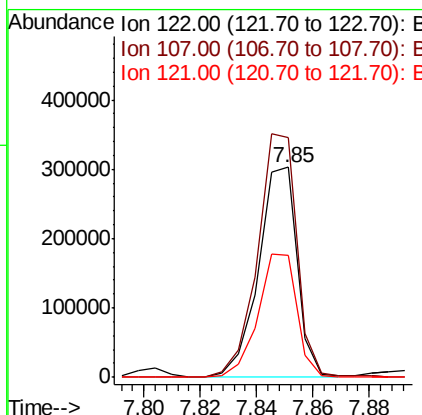
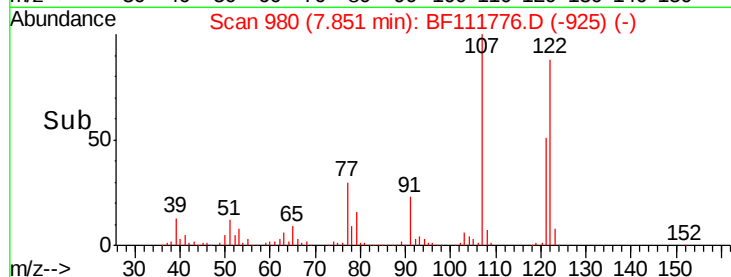
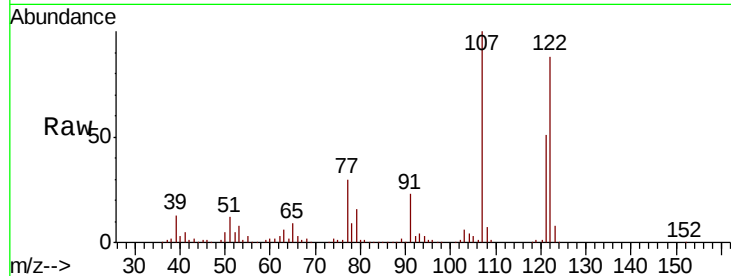




#27
 2,4-Dimethylphenol
 Concen: 40.815 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.02 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

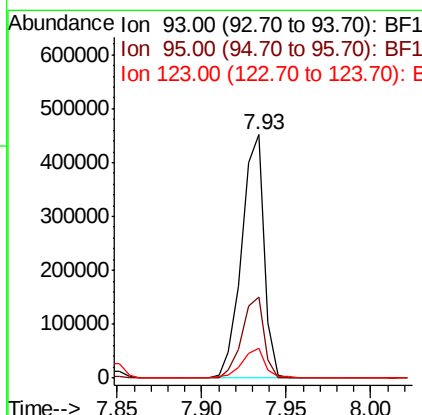
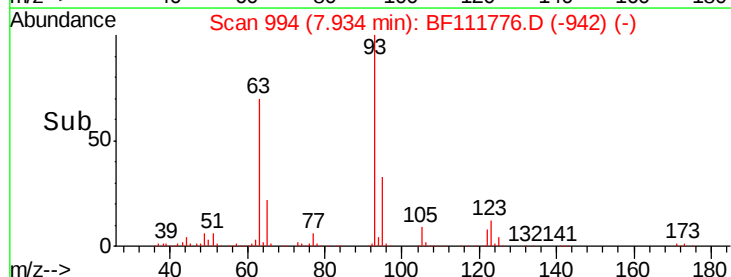
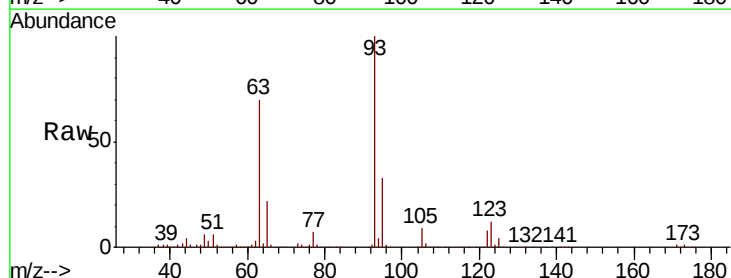
Instrument :
 BNA_F
 ClientSampleId :
 BU-03-122118MS

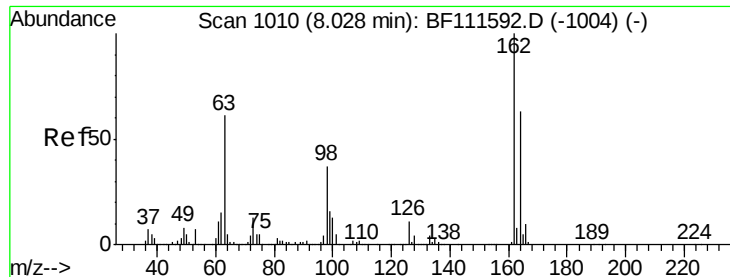
Tgt Ion:122 Resp: 289678
 Ion Ratio Lower Upper
 122 100
 107 114.2 85.5 128.3
 121 58.0 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.824 ng
 RT: 7.93 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

Tgt Ion: 93 Resp: 418499
 Ion Ratio Lower Upper
 93 100
 95 33.4 27.1 40.7
 123 12.4 9.9 14.9

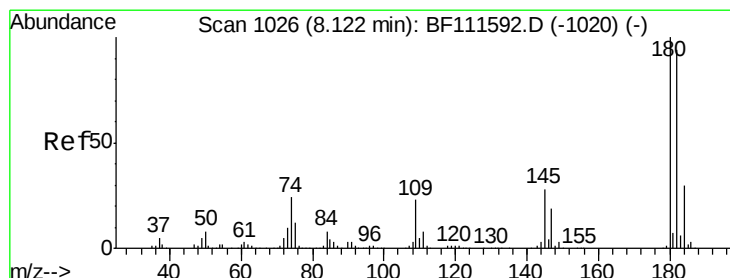
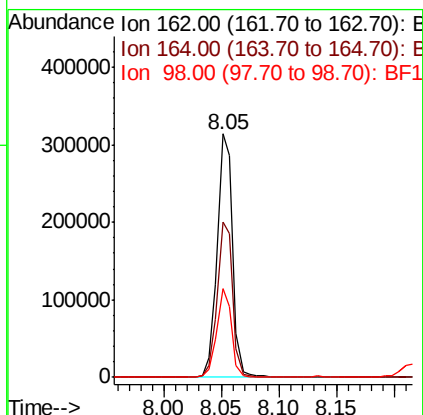
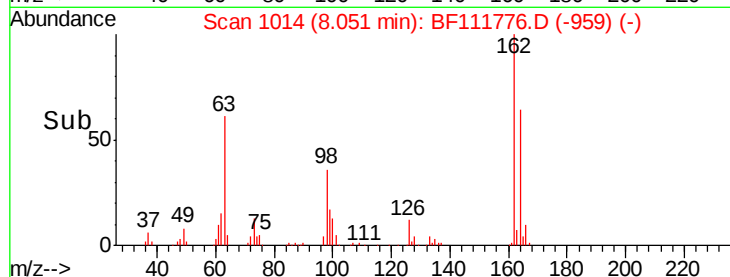
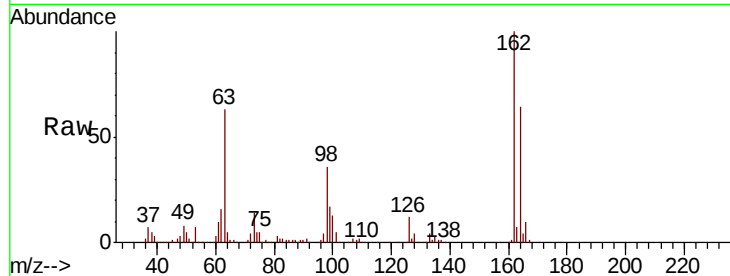




#29
2,4-Dichlorophenol
Concen: 38.193 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.02 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

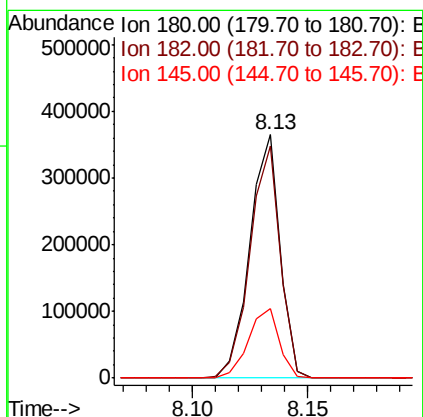
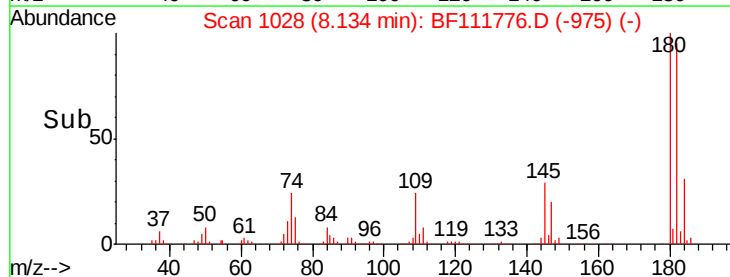
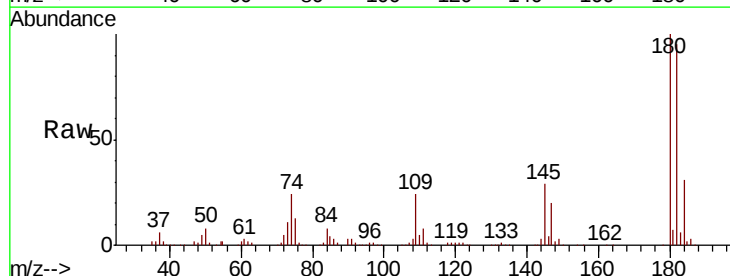
Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

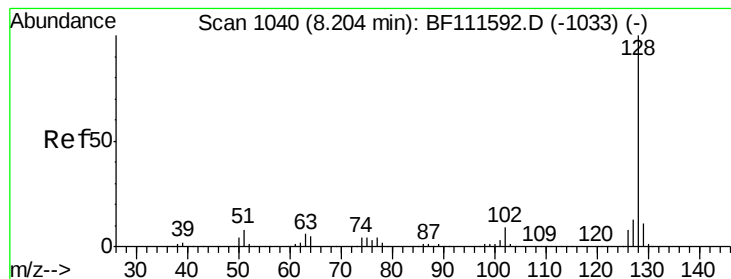
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.4	84.4
98	36.5	20.3	60.3



#30
1,2,4-Trichlorobenzene
Concen: 39.299 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.6	113.4
145	28.7	26.7	40.1





#31

Naphthalene

Concen: 42.744 ng

RT: 8.22 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-122118MS

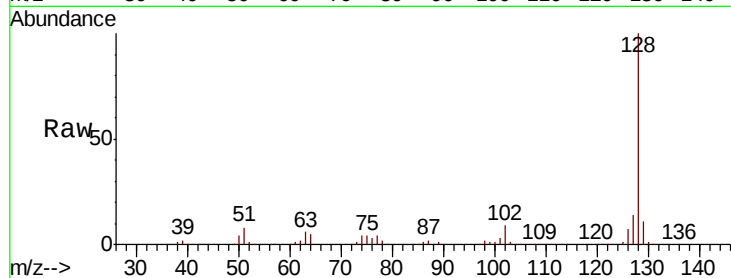
Tgt Ion:128 Resp: 1012567

Ion Ratio Lower Upper

128 100

129 10.8 9.8 14.8

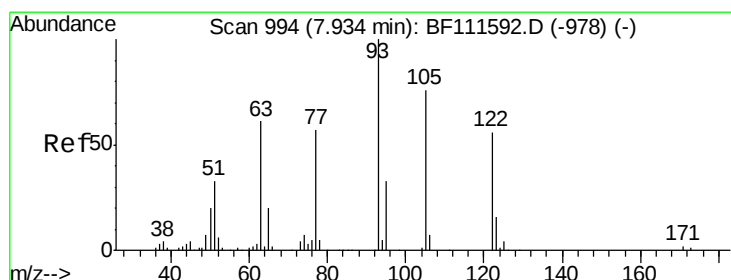
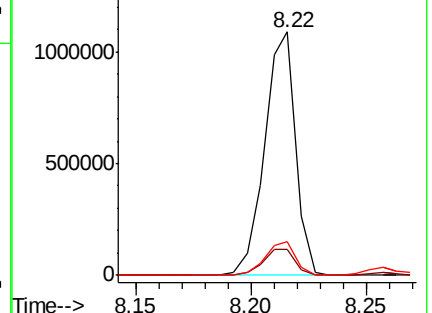
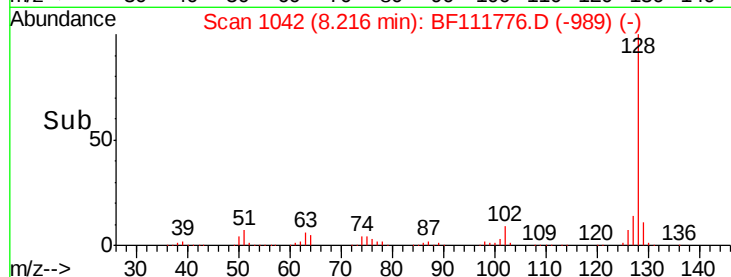
127 13.7 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.025 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.02 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

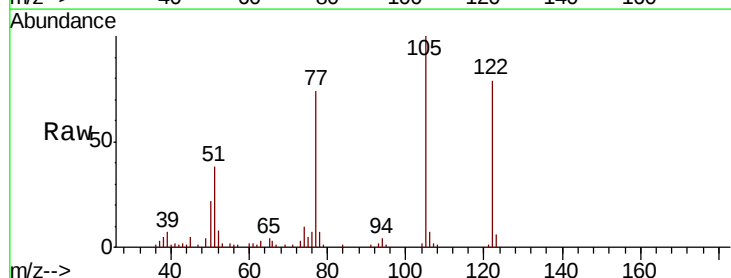
Tgt Ion:122 Resp: 122125

Ion Ratio Lower Upper

122 100

105 127.2 97.0 137.0

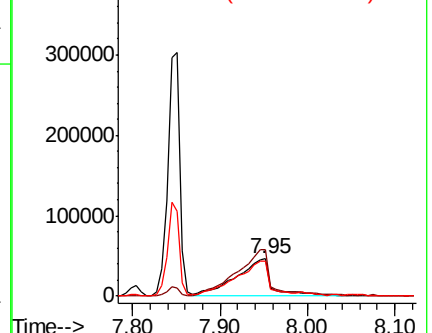
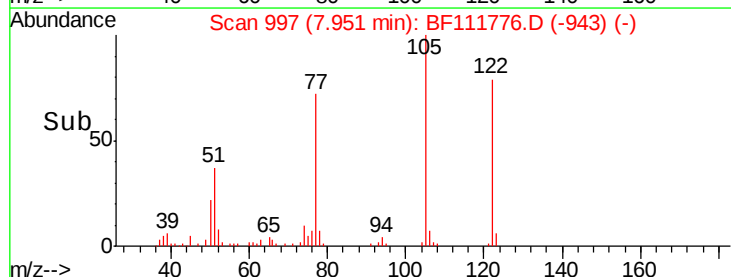
77 94.2 65.7 105.7

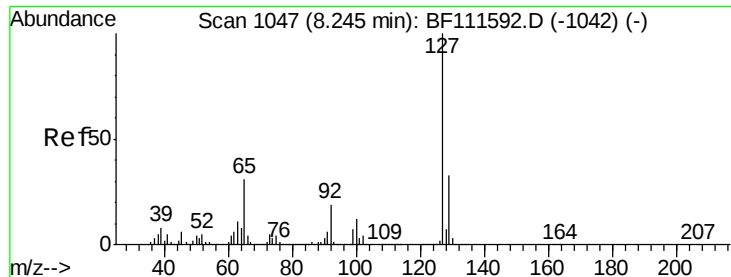


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

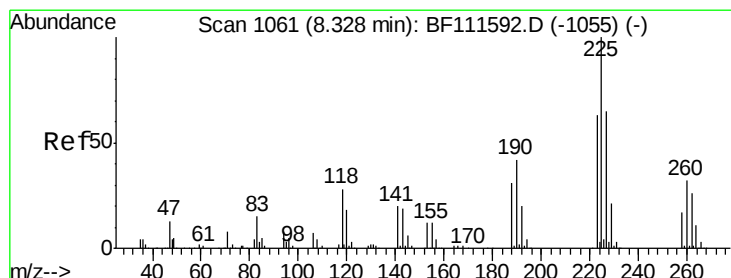
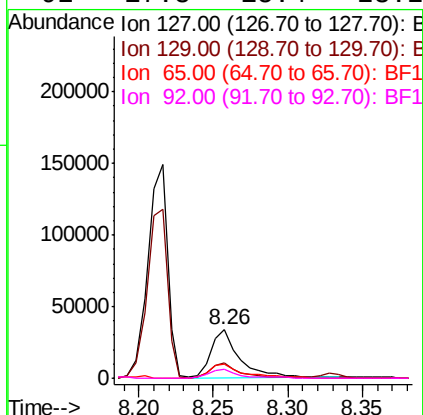
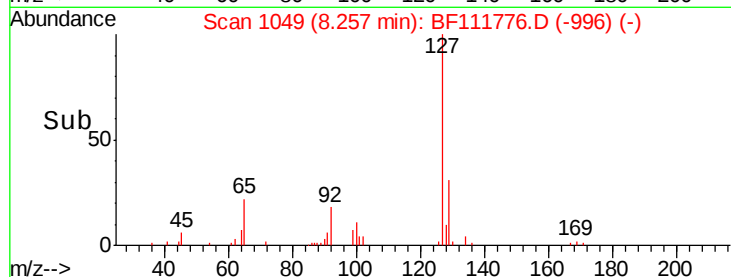
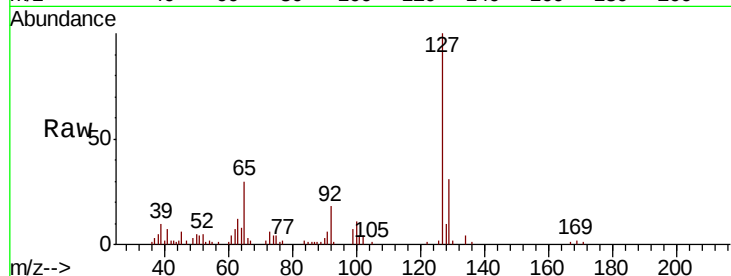




#33
4-Chloroaniline
Concen: 4.396 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

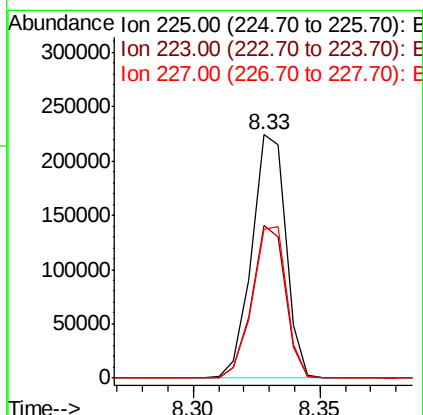
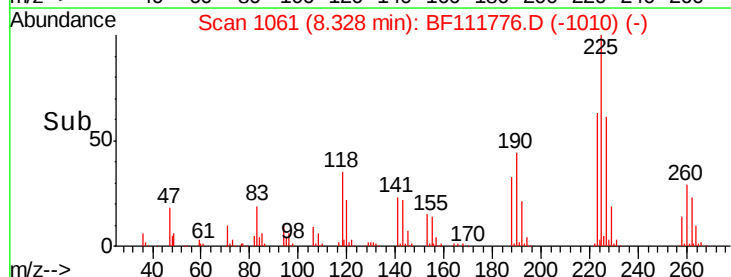
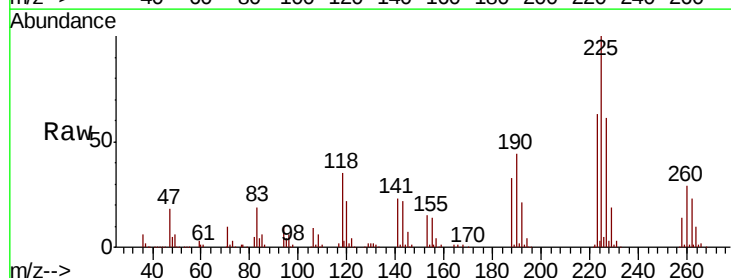
Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

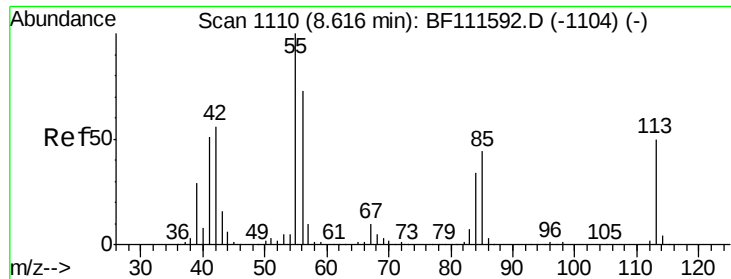
Tgt Ion:	127	Resp:	45013
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.6	39.8
65	30.4	25.7	38.5
92	17.8	15.4	23.2



#34
Hexachlorobutadiene
Concen: 40.629 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion:	225	Resp:	210646
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.7	76.1
227	61.1	52.6	78.8

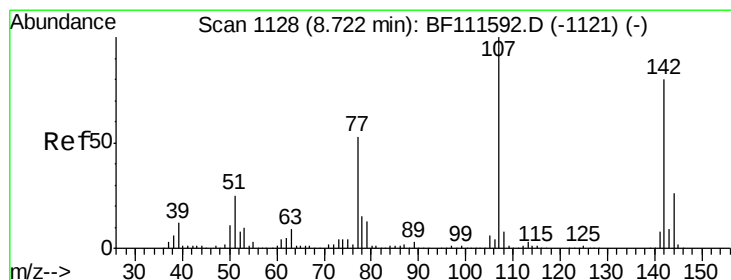
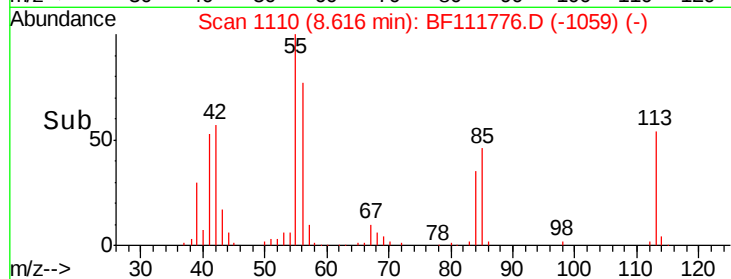
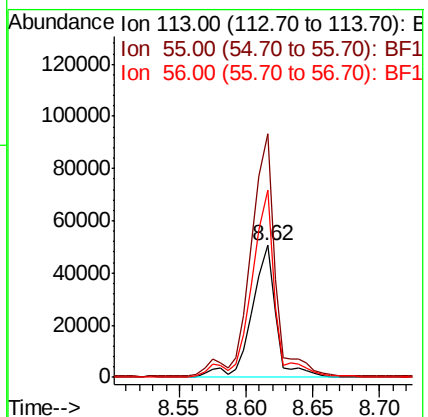
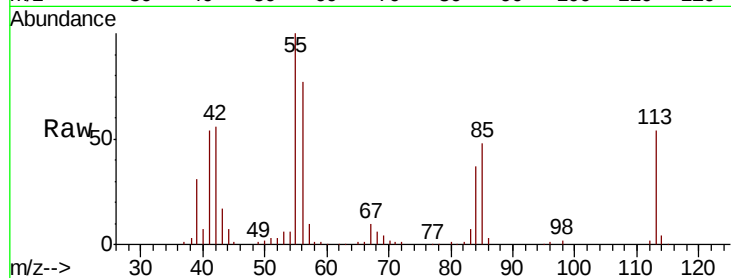




#35
 Caprolactam
 Concen: 24.036 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

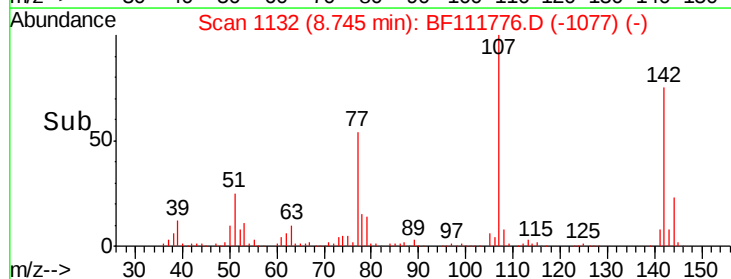
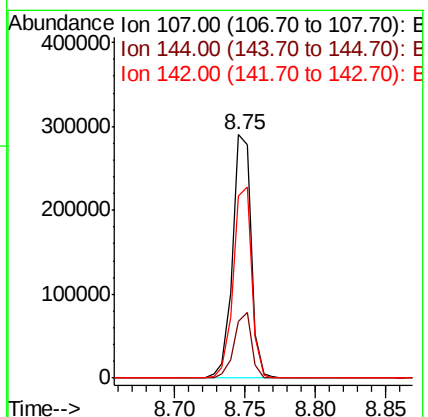
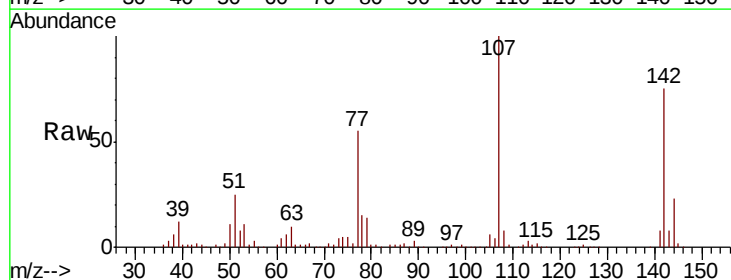
Instrument :
 BNA_F
 ClientSampleId :
 BU-03-122118MS

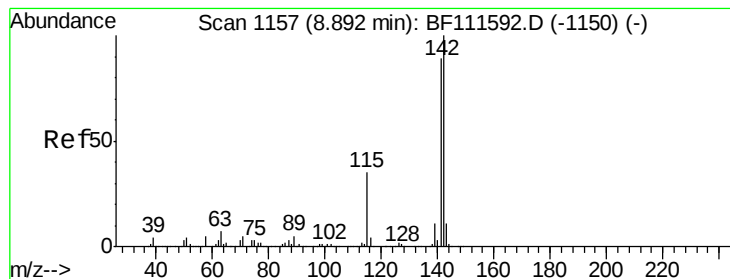
Tgt Ion:113 Resp: 62175
 Ion Ratio Lower Upper
 113 100
 55 184.2 184.1 224.1
 56 142.1 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 35.435 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. 0.02 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

Tgt Ion:107 Resp: 265907
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.8 29.6
 142 74.7 62.3 93.5





#37

2-Methylnaphthalene

Concen: 43.414 ng

RT: 8.90 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-122118MS

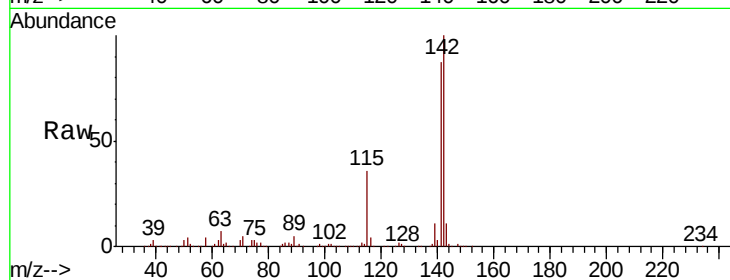
Tgt Ion:142 Resp: 669110

Ion Ratio Lower Upper

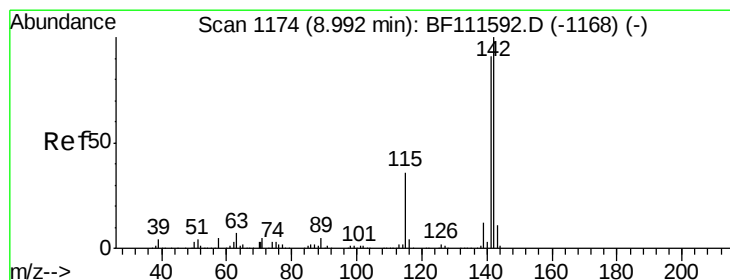
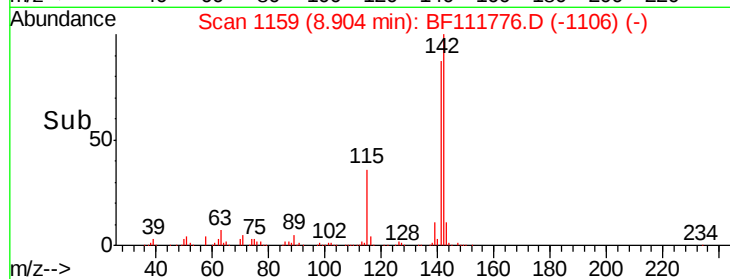
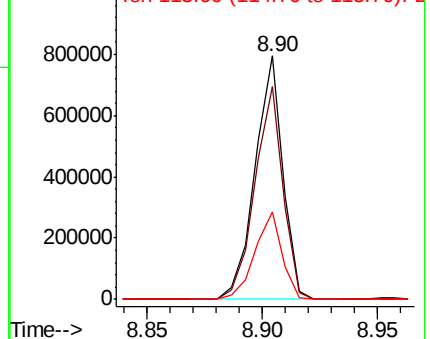
142 100

141 87.3 70.6 105.8

115 35.7 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: 41.834 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.01 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

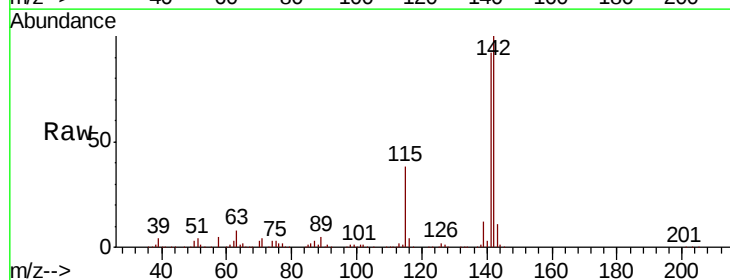
Tgt Ion:142 Resp: 619233

Ion Ratio Lower Upper

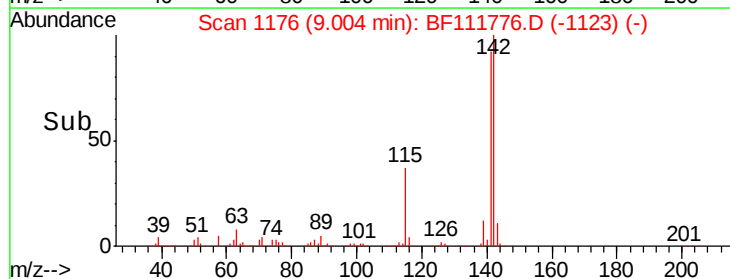
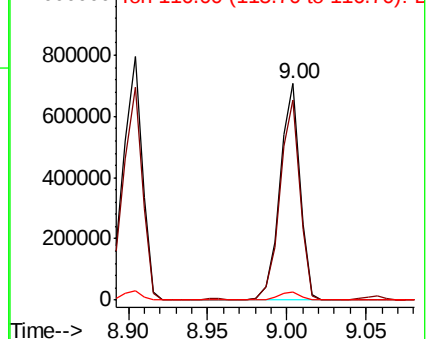
142 100

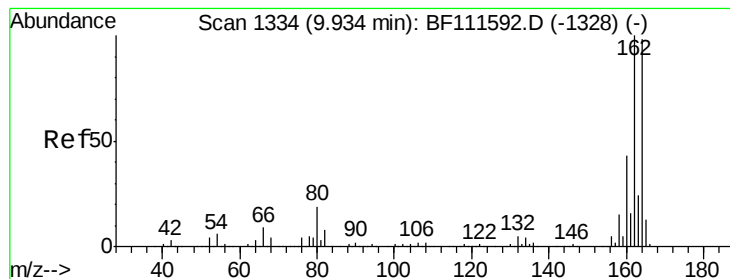
141 92.2 74.2 111.4

116 3.8 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: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-122118MS

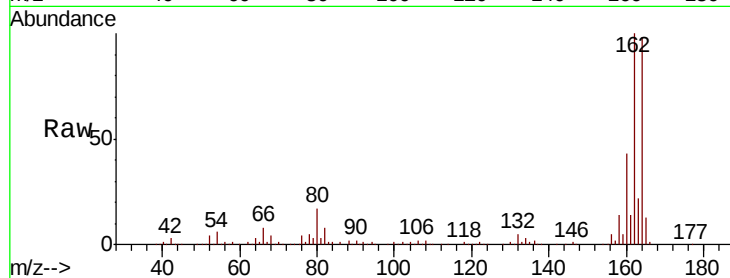
Tgt Ion:164 Resp: 220027

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.0

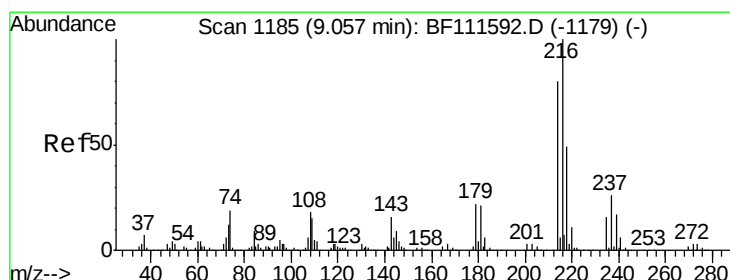
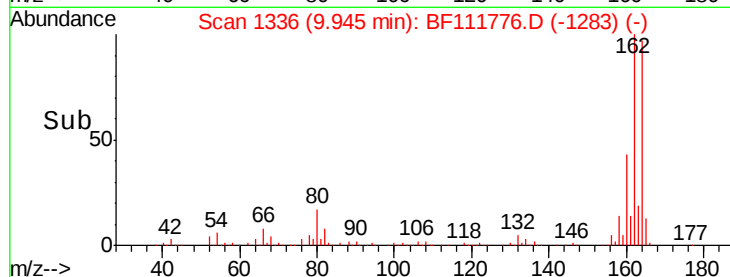
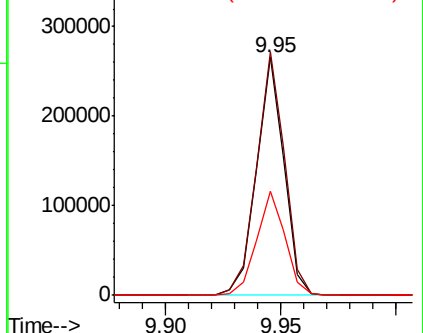
160 43.9 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.080 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Tgt Ion:216 Resp: 318701

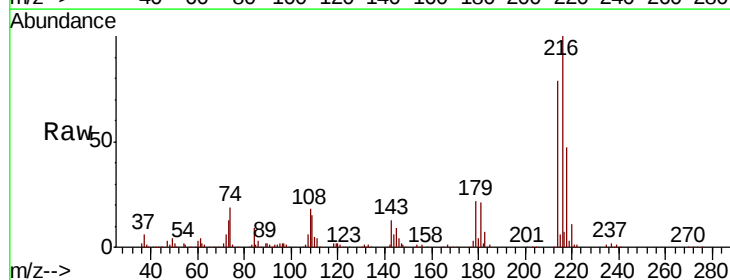
Ion Ratio Lower Upper

216 100

214 78.6 63.8 95.8

179 21.4 17.9 26.9

108 18.1 18.4 27.6#

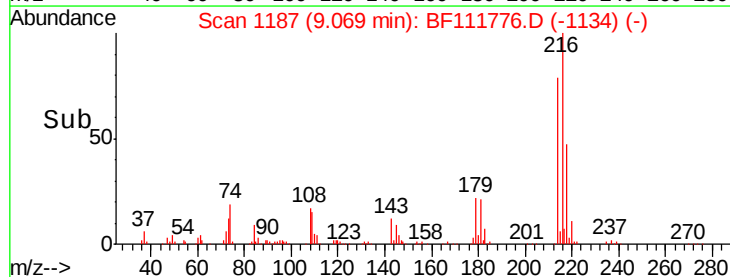
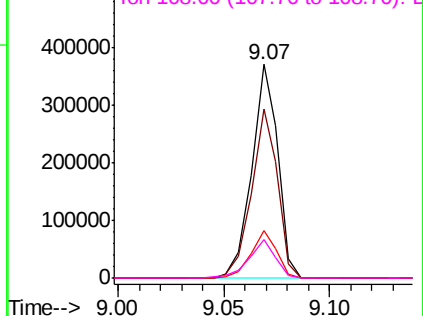


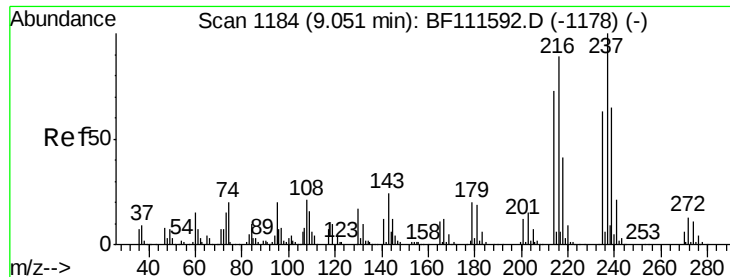
Abundance Ion 216.00 (215.70 to 216.70): E

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: 29.755 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-122118MS

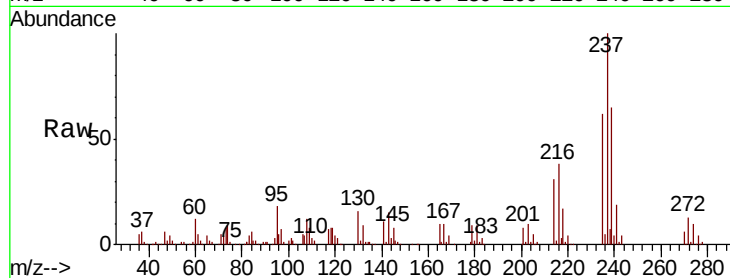
Tgt Ion: 237 Resp: 104394

Ion Ratio Lower Upper

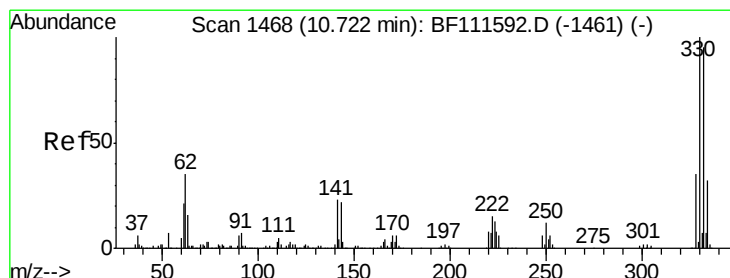
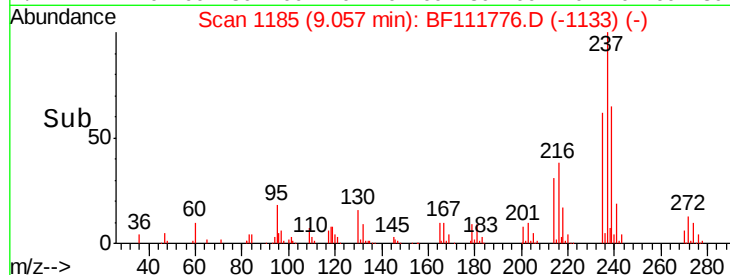
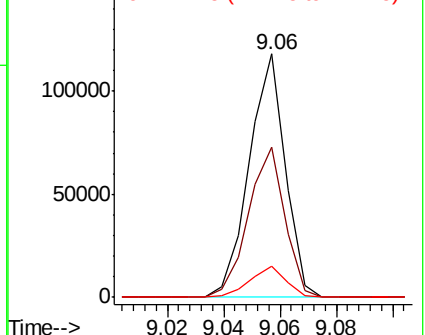
237 100

235 61.9 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: 116.843 ng

RT: 10.74 min Scan# 1471

Delta R.T. 0.02 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

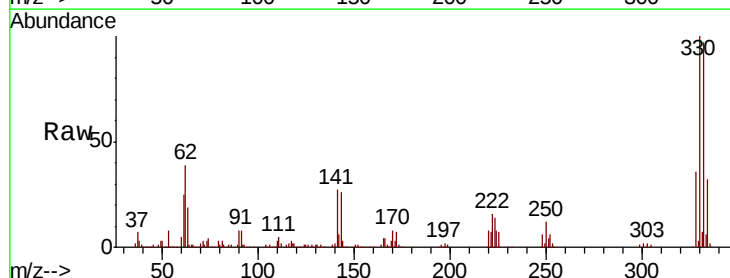
Tgt Ion: 330 Resp: 303766

Ion Ratio Lower Upper

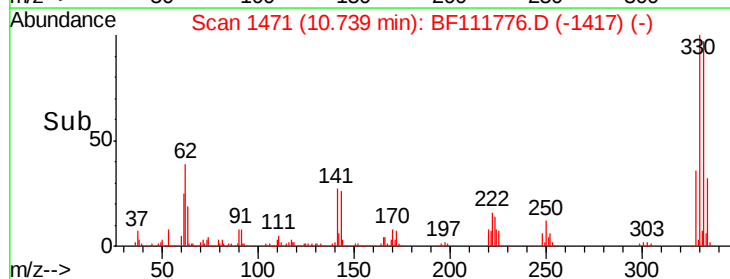
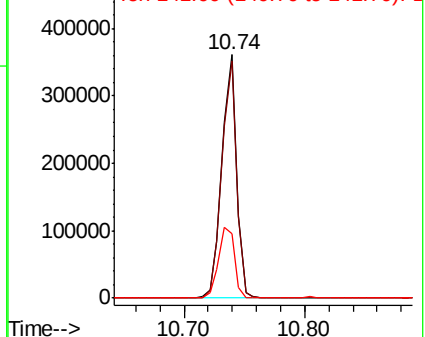
330 100

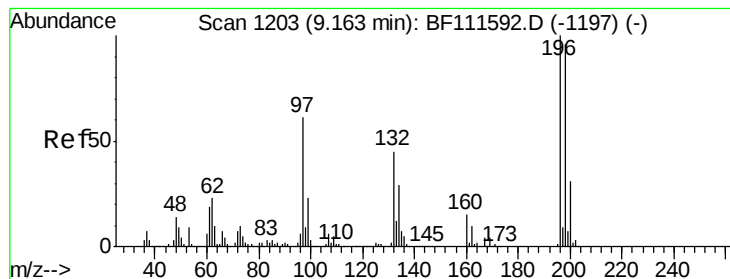
332 97.5 76.0 114.0

141 31.6 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: 40.535 ng

RT: 9.19 min Scan# 1207

Delta R.T. 0.02 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-122118MS

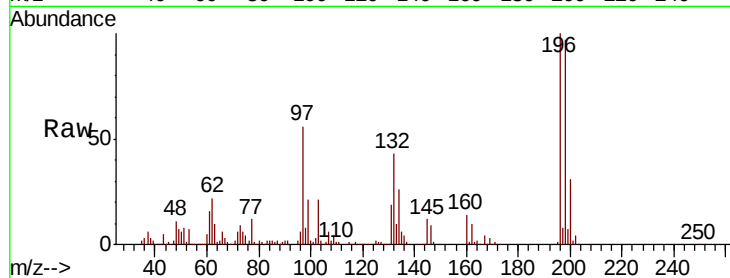
Tgt Ion:196 Resp: 195671

Ion Ratio Lower Upper

196 100

198 97.2 76.3 114.5

200 30.9 24.9 37.3

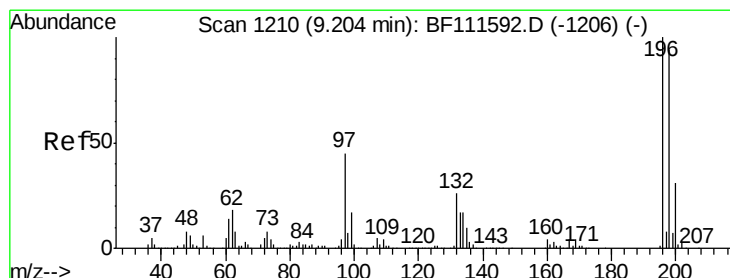
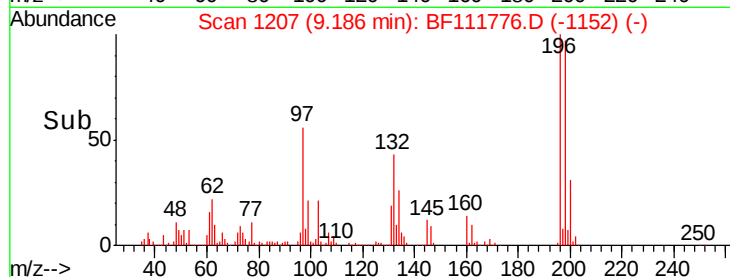
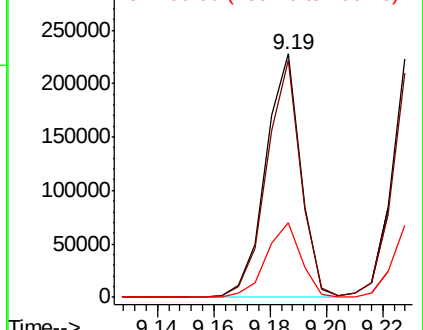


Abundance

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: 40.592 ng

RT: 9.23 min Scan# 1214

Delta R.T. 0.02 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Tgt Ion:196 Resp: 201020

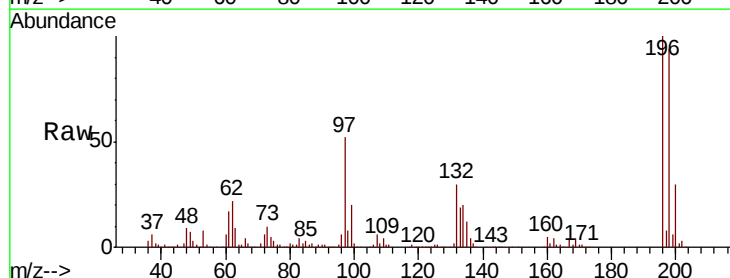
Ion Ratio Lower Upper

196 100

198 93.9 72.9 109.3

97 52.1 45.3 67.9

132 30.0 25.5 38.3



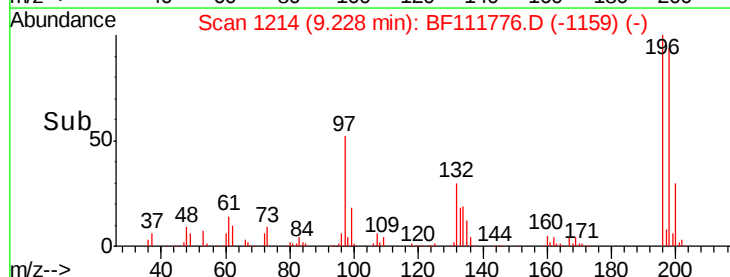
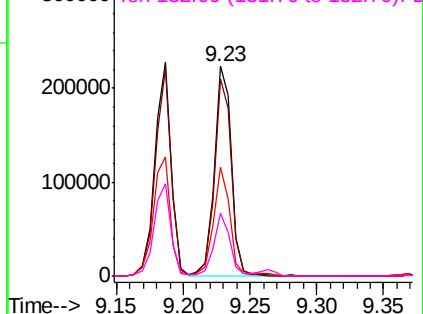
Abundance

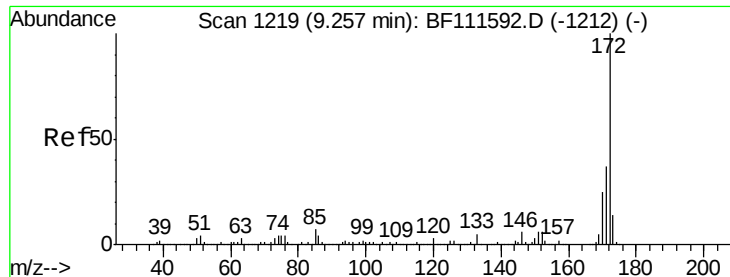
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

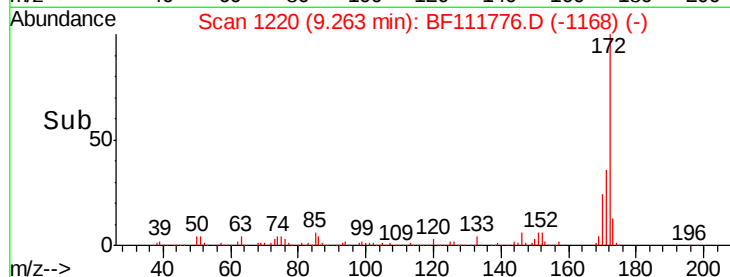
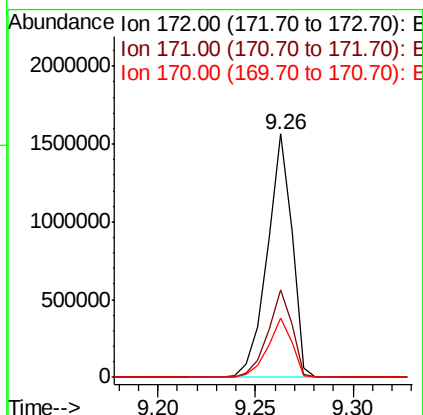
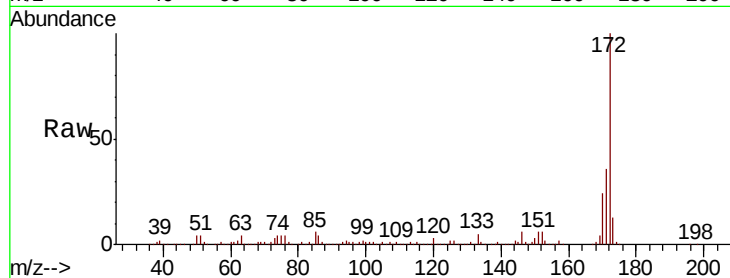




#45
 2-Fluorobiphenyl
 Concen: 90.647 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

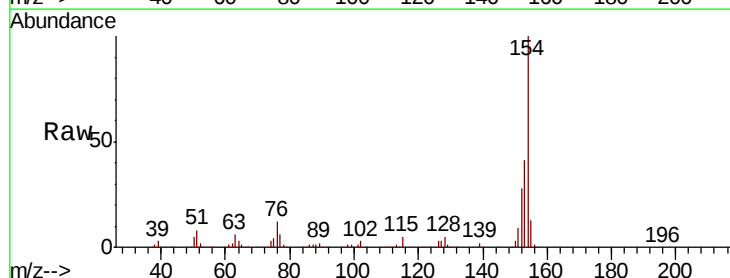
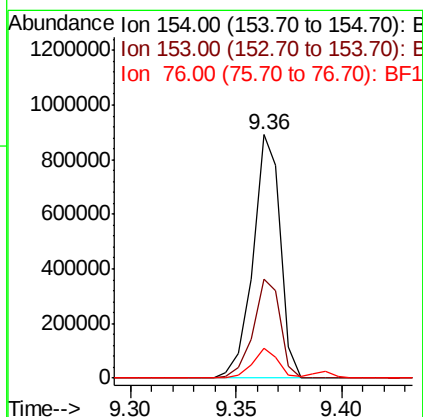
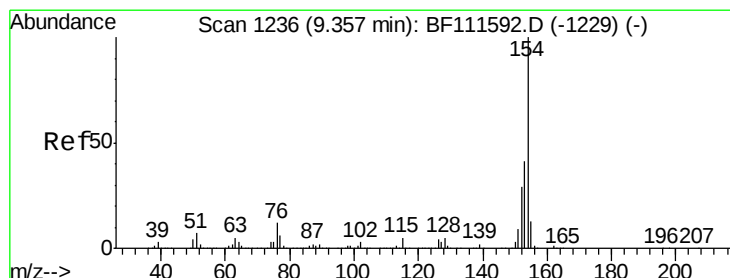
Instrument :
 BNA_F
 ClientSampleId :
 BU-03-122118MS

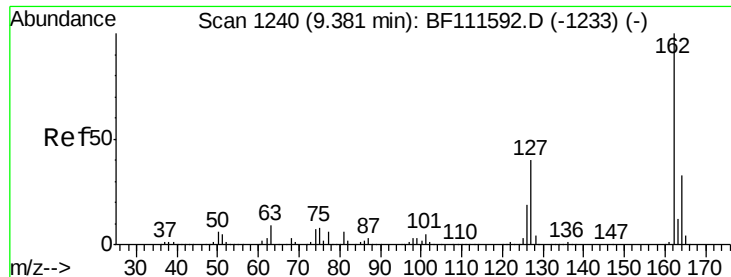
Tgt Ion:172 Resp: 1368356
 Ion Ratio Lower Upper
 172 100
 171 36.0 33.0 49.4
 170 24.3 22.3 33.5



#46
 1,1'-Biphenyl
 Concen: 42.894 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

Tgt Ion:154 Resp: 796687
 Ion Ratio Lower Upper
 154 100
 153 40.8 23.7 63.7
 76 12.3 0.0 35.0

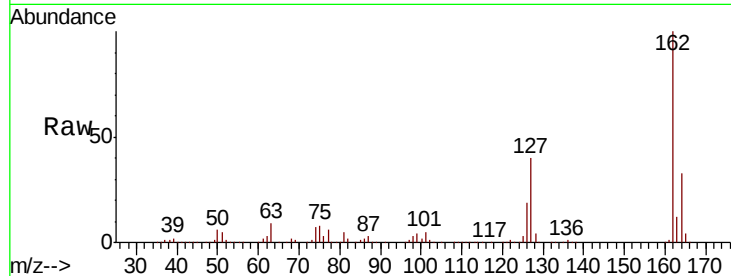




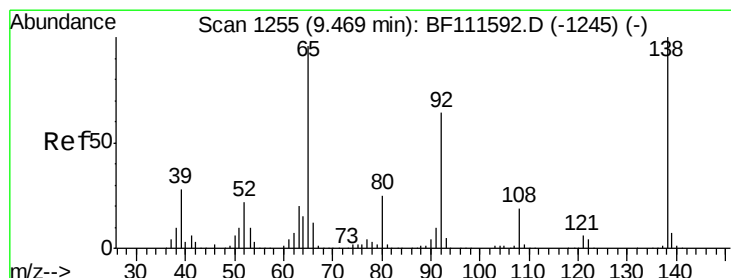
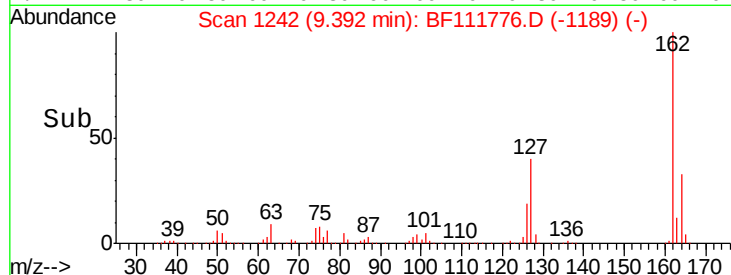
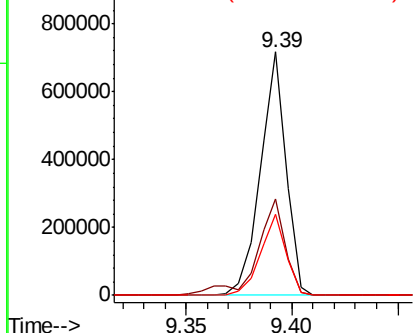
#47
 2-Chloronaphthalene
 Concen: 41.088 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-122118MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.7	35.0	52.4
164	33.3	28.4	42.6

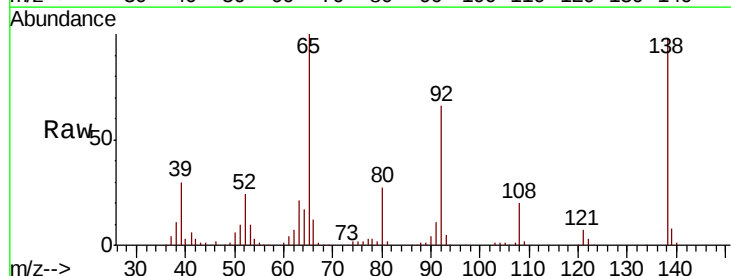


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

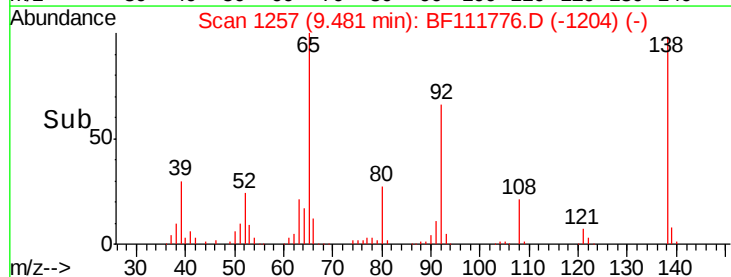
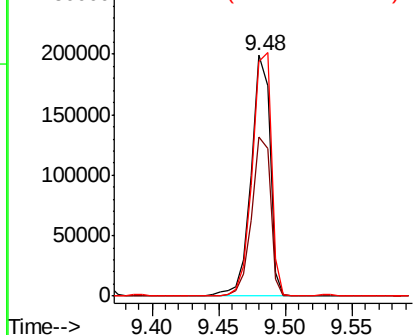


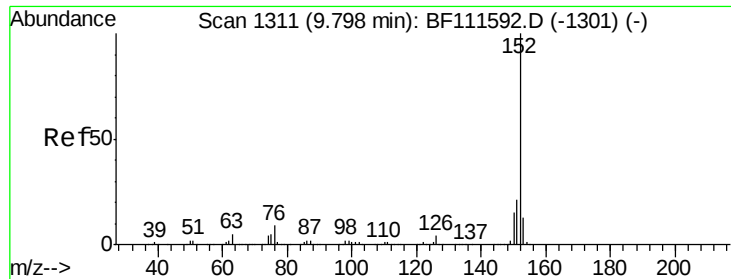
#48
 2-Nitroaniline
 Concen: 50.003 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	53.5	80.3
138	97.8	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): E





#49

Acenaphthylene

Concen: 43.696 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-122118MS

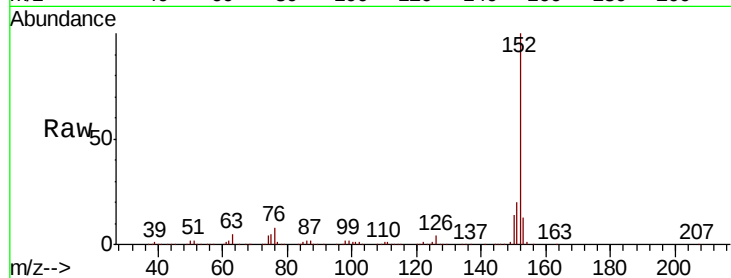
Tgt Ion:152 Resp: 938840

Ion Ratio Lower Upper

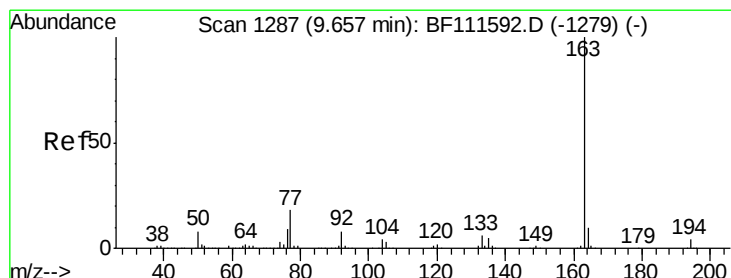
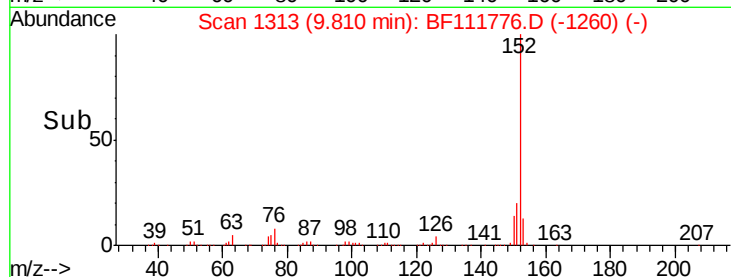
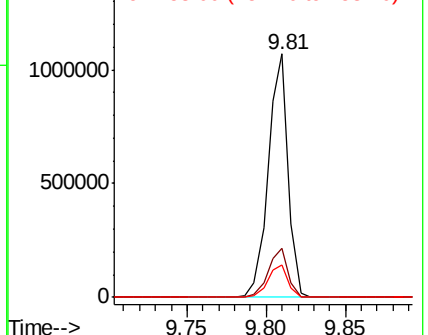
152 100

151 20.0 18.0 27.0

153 13.1 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: 45.511 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

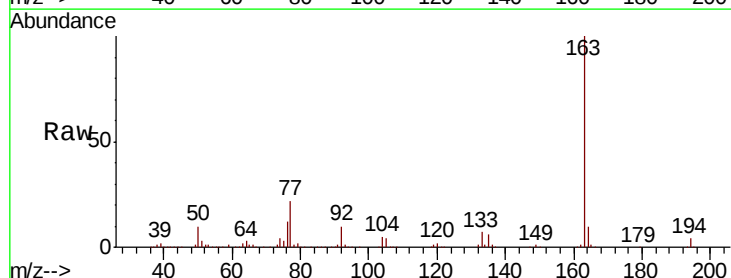
Tgt Ion:163 Resp: 732268

Ion Ratio Lower Upper

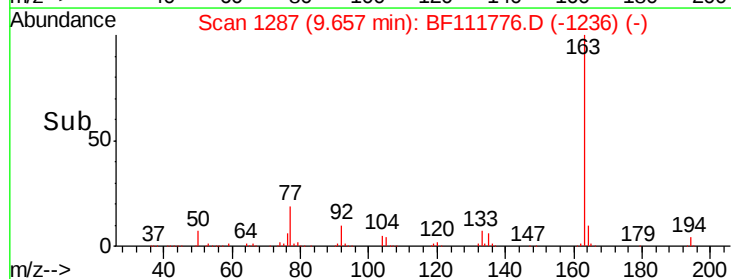
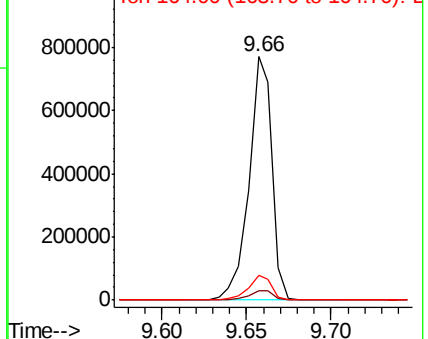
163 100

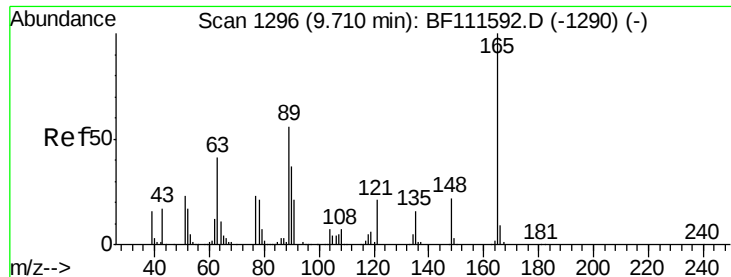
194 4.1 3.0 4.6

164 10.3 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: 44.558 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-122118MS

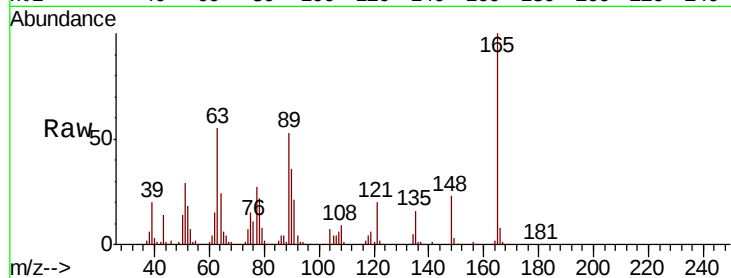
Tgt Ion:165 Resp: 142956

Ion Ratio Lower Upper

165 100

63 55.0 40.5 60.7

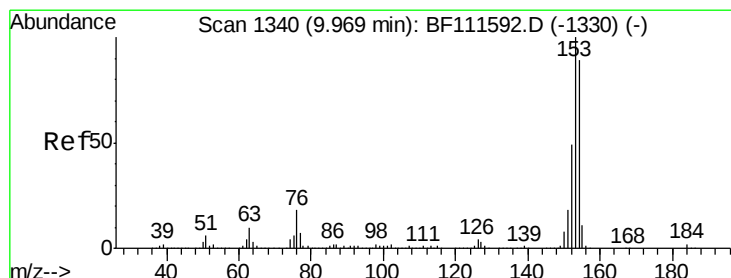
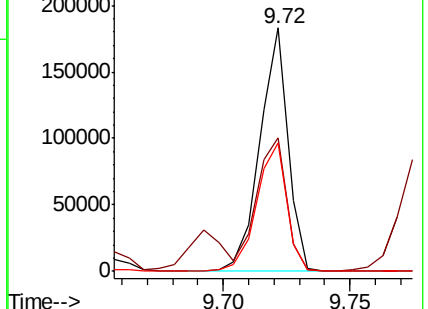
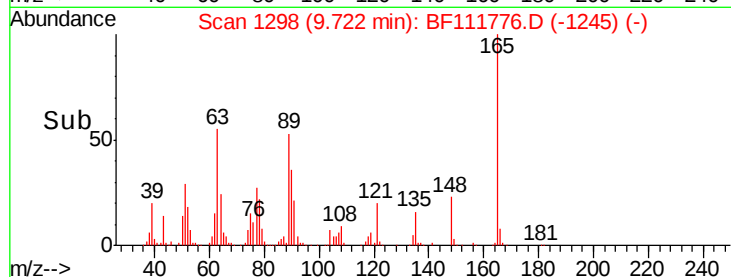
89 52.7 40.0 60.0



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: 41.447 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

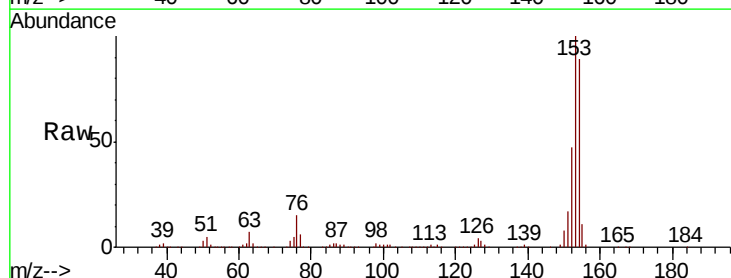
Tgt Ion:154 Resp: 549238

Ion Ratio Lower Upper

154 100

153 112.4 87.8 131.8

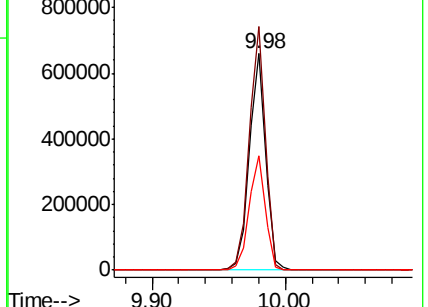
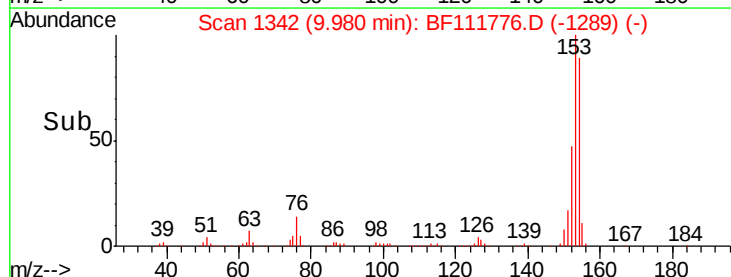
152 53.1 43.4 65.2

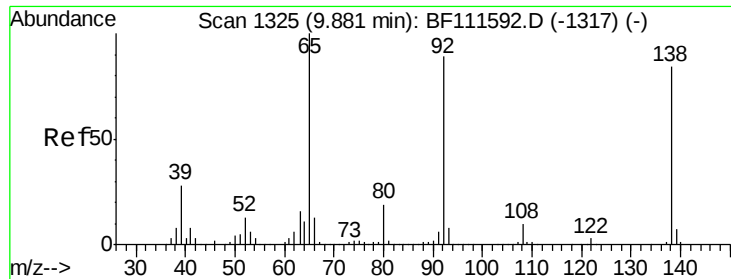


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

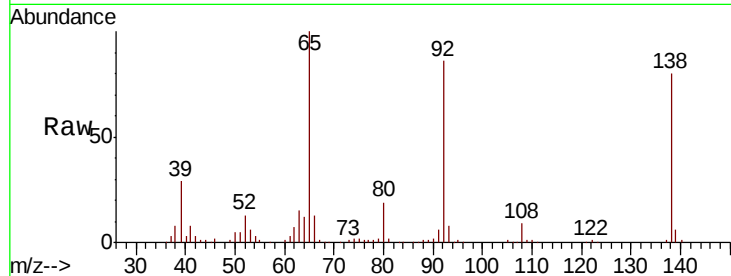




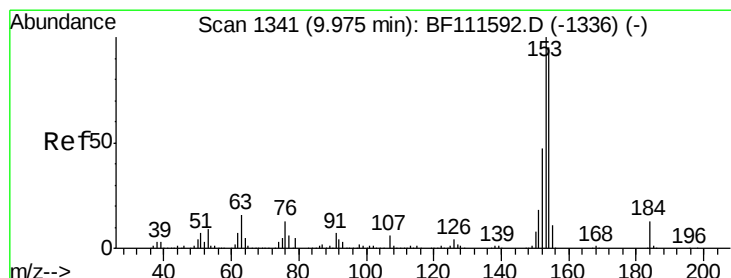
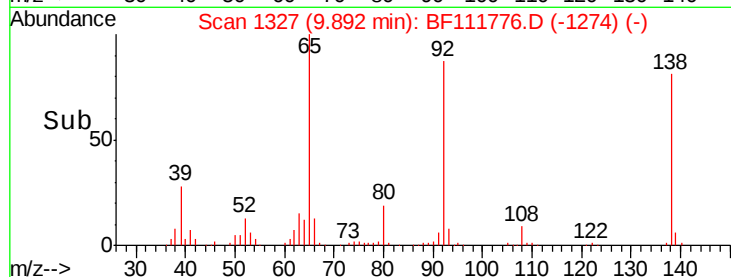
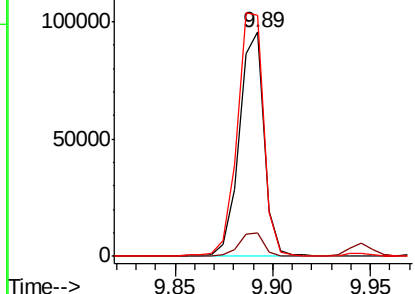
#53
3-Nitroaniline
Concen: 24.697 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tgt Ion:138 Resp: 84506
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.4
92 107.5 93.4 140.2

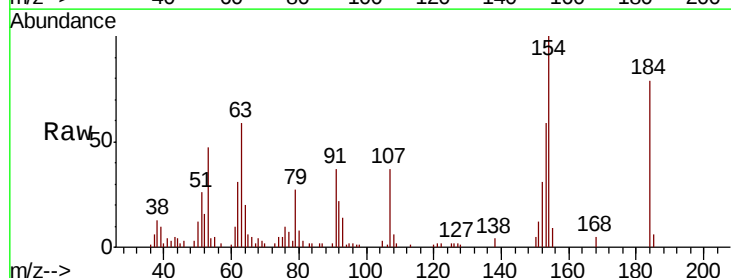


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

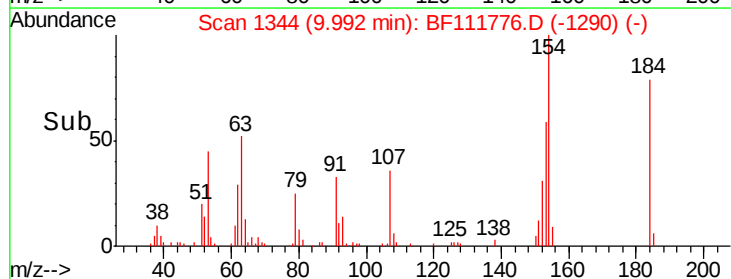
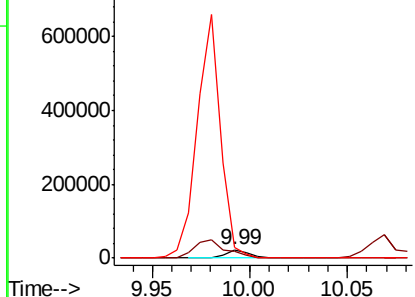


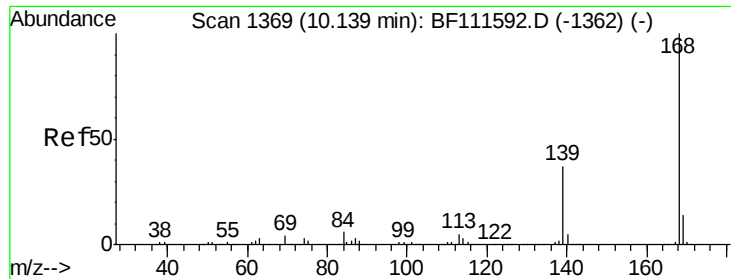
#54
2,4-Dinitrophenol
Concen: 24.293 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion:184 Resp: 19247
Ion Ratio Lower Upper
184 100
63 74.8 62.3 93.5
154 126.6 56.2 84.2#



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

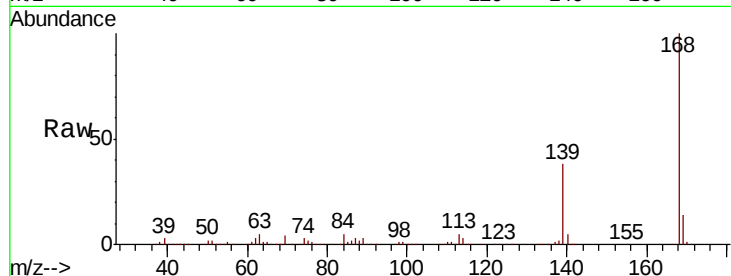




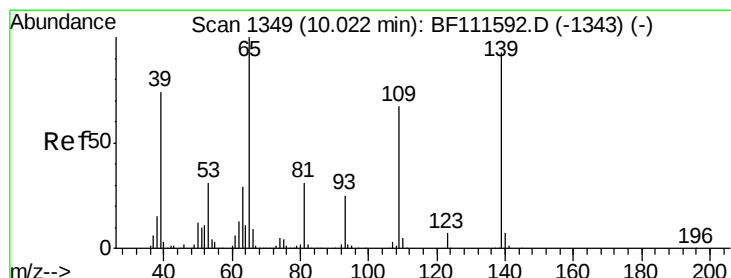
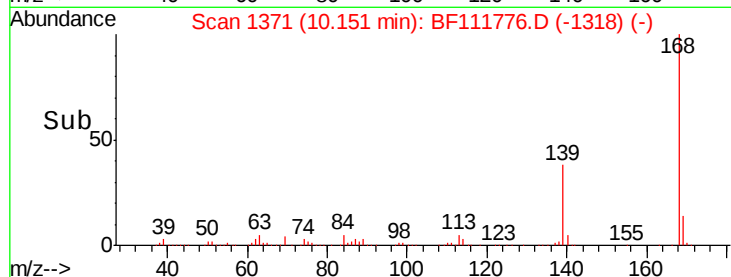
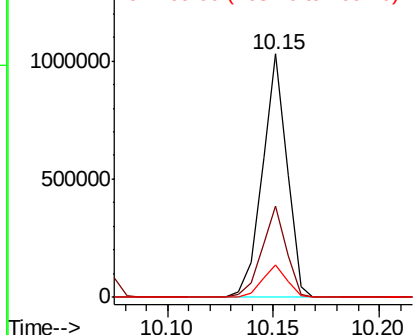
#55
Dibenzenofuran
Concen: 41.556 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tgt Ion:168 Resp: 831963
Ion Ratio Lower Upper
168 100
139 37.6 32.6 49.0
169 13.5 11.8 17.6

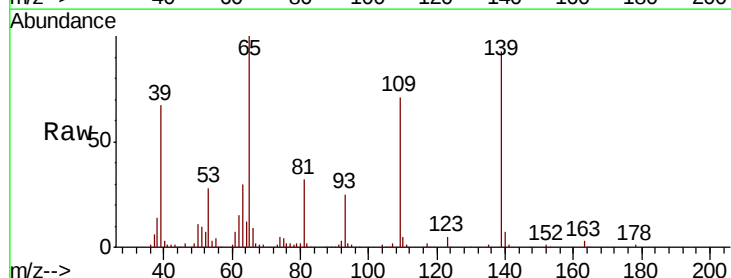


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

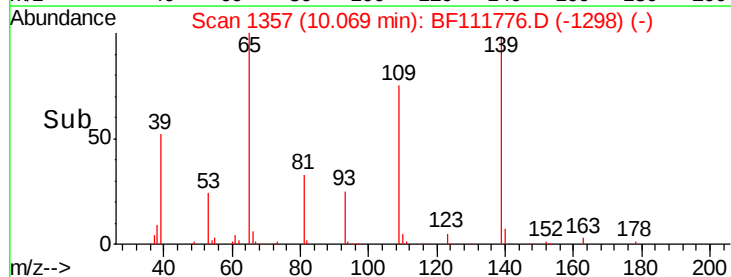
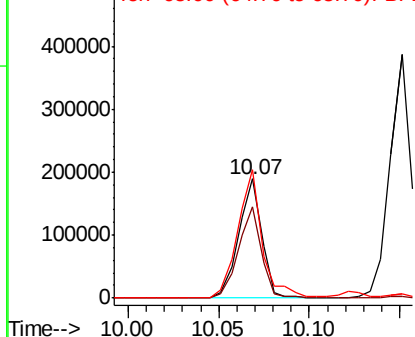


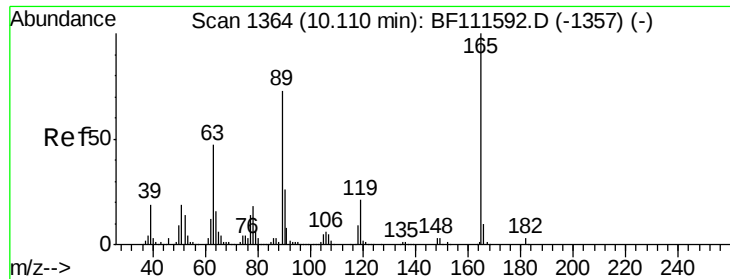
#56
4-Nitrophenol
Concen: 64.507 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.05 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion:139 Resp: 168445
Ion Ratio Lower Upper
139 100
109 76.7 41.8 81.8
65 107.6 79.6 119.6



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

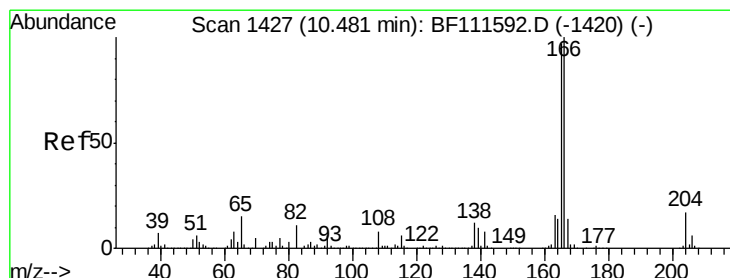
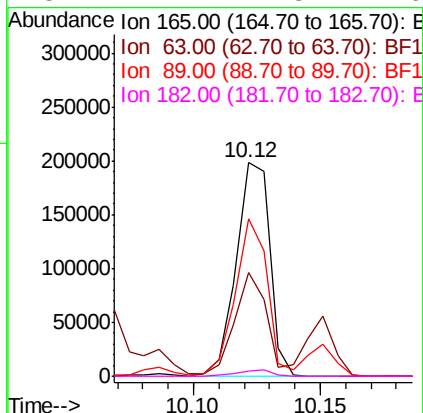
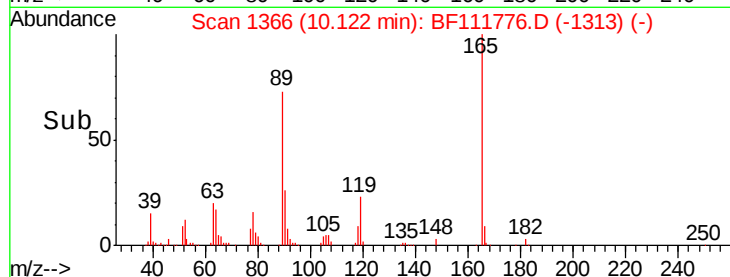
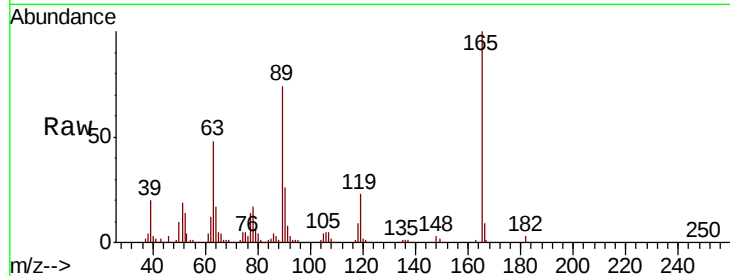




#57
2,4-Dinitrotoluene
Concen: 47.431 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

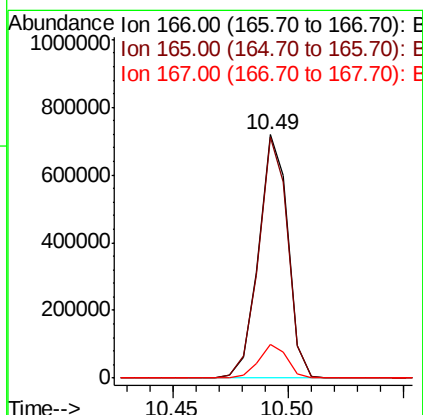
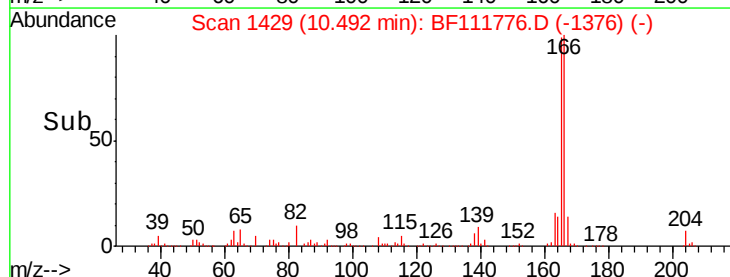
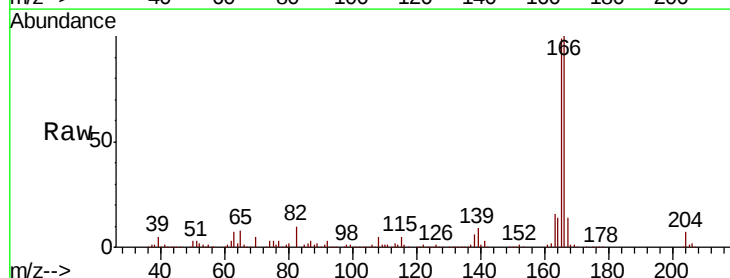
Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

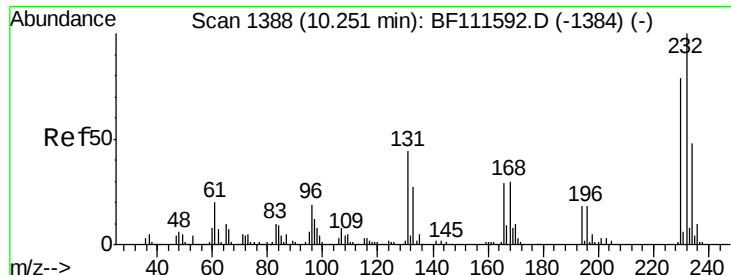
Tgt Ion:165 Resp: 182894
Ion Ratio Lower Upper
165 100
63 48.5 34.6 52.0
89 73.6 56.2 84.4
182 2.7 1.8 2.6#



#58
Fluorene
Concen: 44.051 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion:166 Resp: 635508
Ion Ratio Lower Upper
166 100
165 99.0 78.4 117.6
167 13.7 11.2 16.8

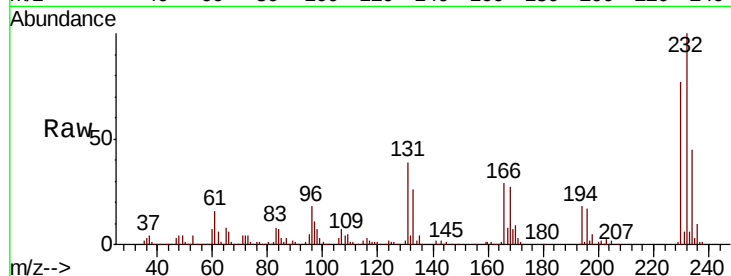




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.061 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.02 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.3	40.9	61.3
130	2.2	2.0	3.0
166	29.7	26.8	40.2



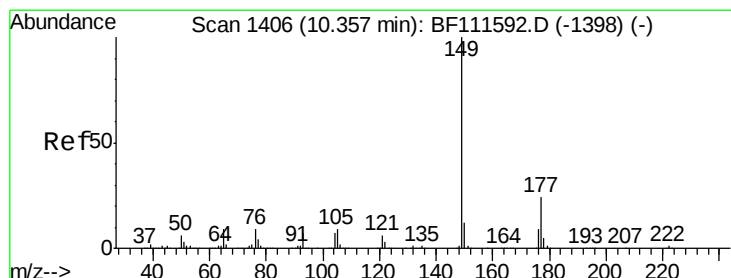
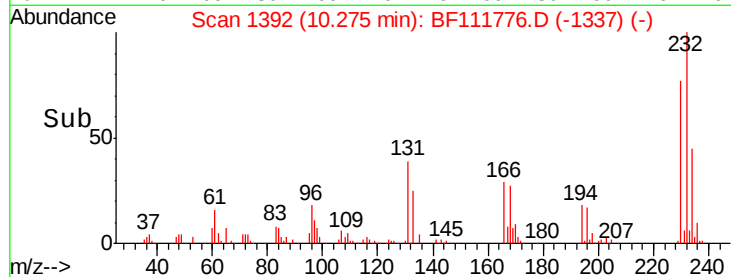
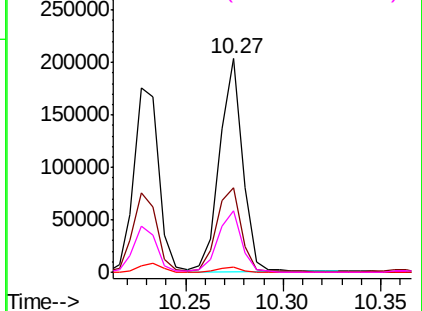
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

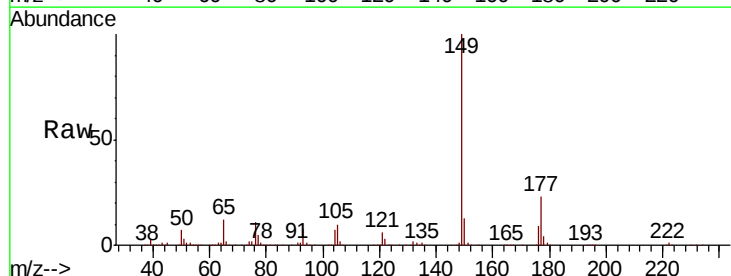
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 43.997 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.3	27.5
150	13.0	10.6	15.8

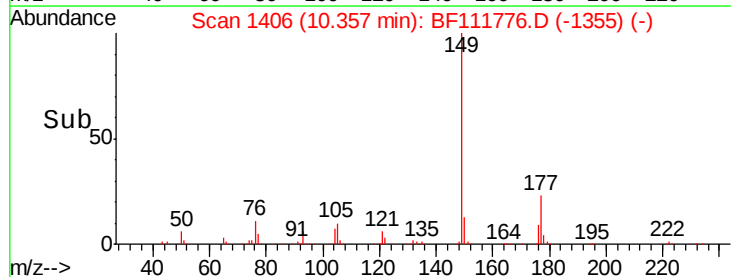
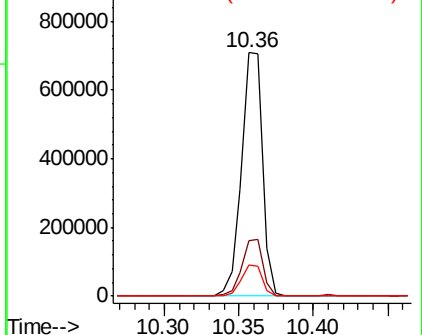


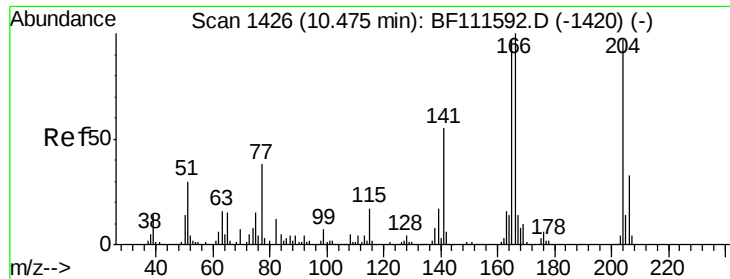
Abundance

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

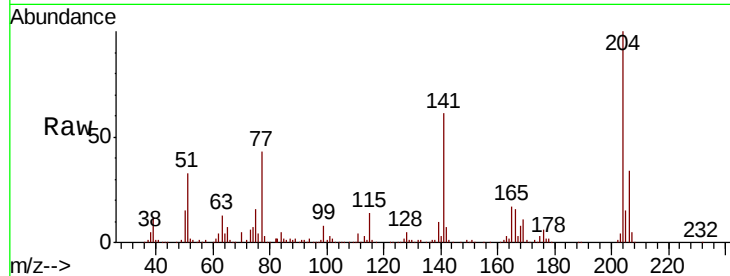




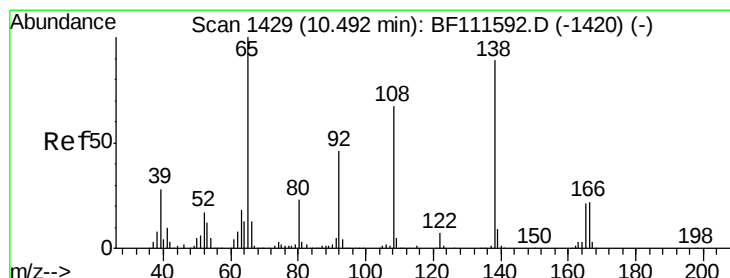
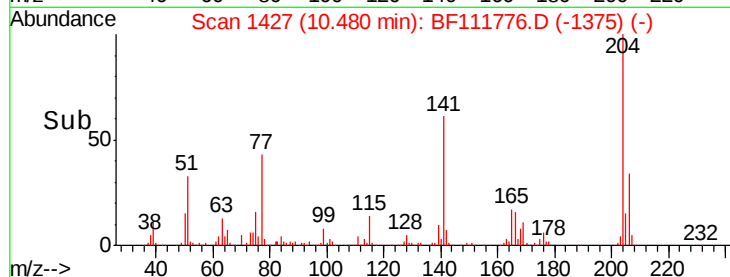
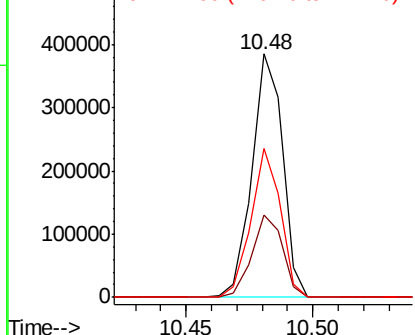
#61
4-Chlorophenyl-phenylether
Concen: 40.880 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tgt Ion: 204 Resp: 325834
Ion Ratio Lower Upper
204 100
206 33.8 26.6 39.8
141 61.2 52.6 78.8

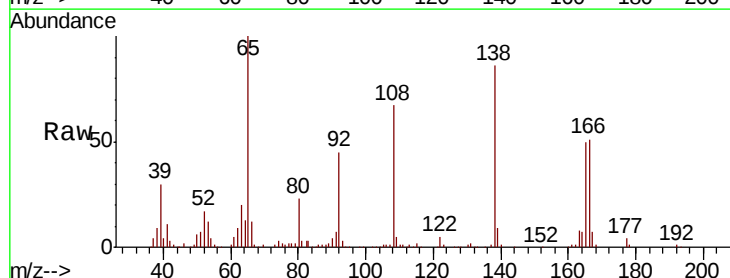


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

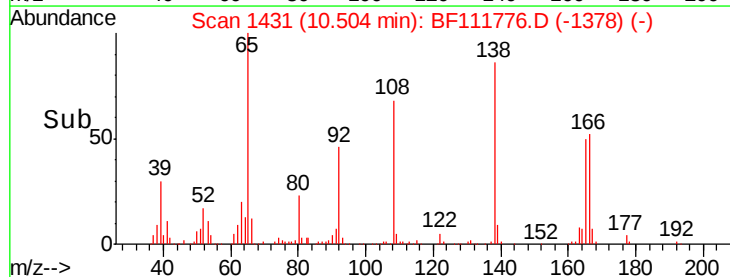
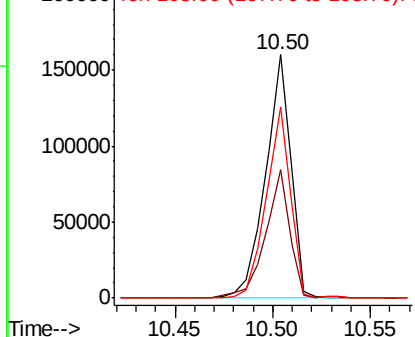


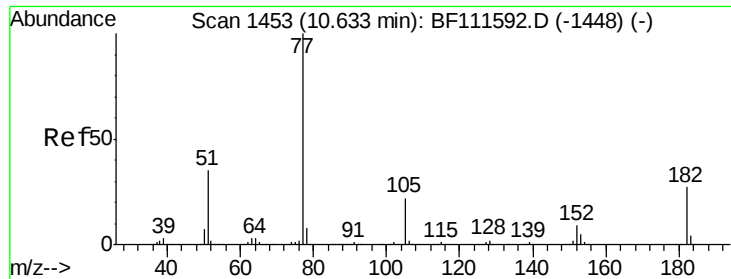
#62
4-Nitroaniline
Concen: 43.356 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion: 138 Resp: 144186
Ion Ratio Lower Upper
138 100
92 53.0 29.9 69.9
108 78.7 43.2 83.2



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





#63

Azobenzene

Concen: 38.607 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-122118MS

Tgt Ion: 77 Resp: 611737

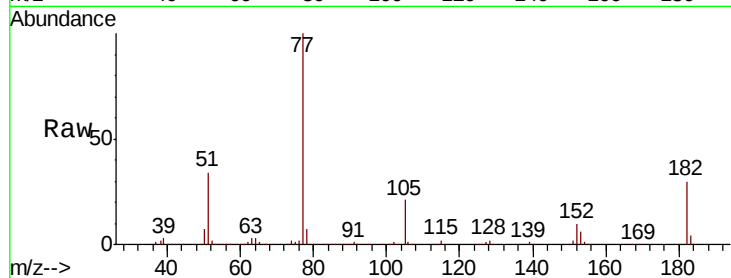
Ion Ratio Lower Upper

77 100

182 29.8 4.9 44.9

105 21.3 6.0 46.0

51 33.7 14.7 54.7

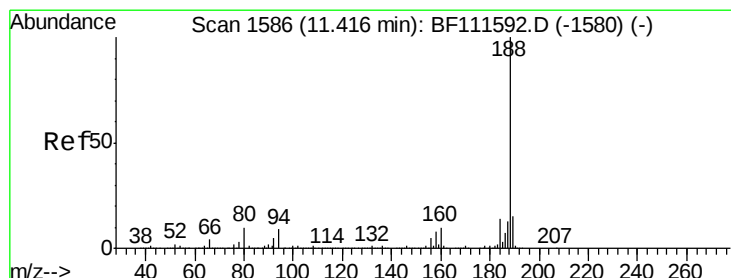
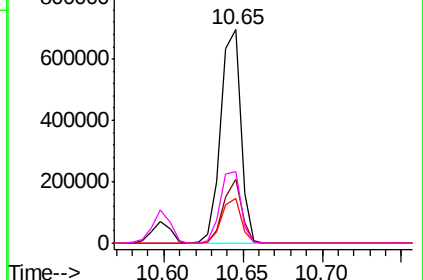
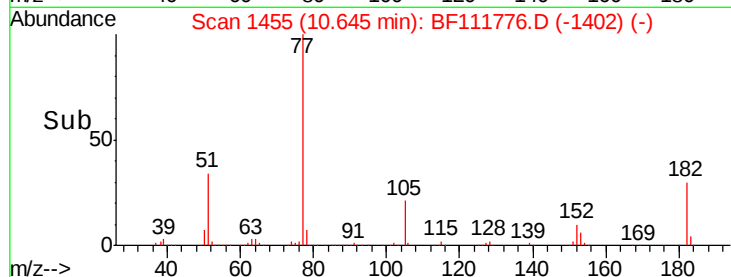


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.02 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

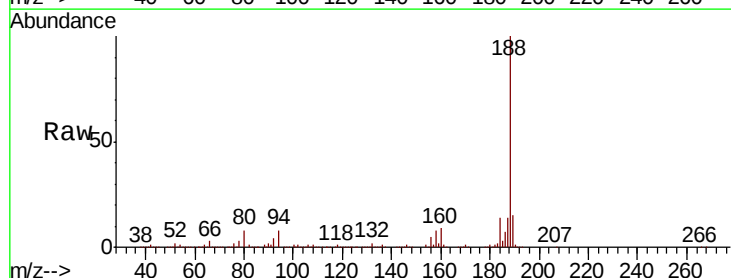
Tgt Ion: 188 Resp: 389084

Ion Ratio Lower Upper

188 100

94 7.7 9.6 14.4#

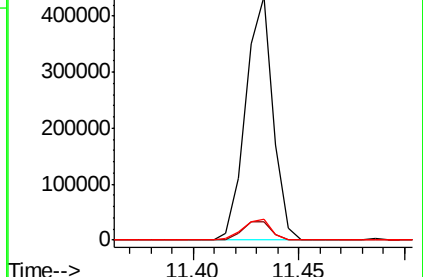
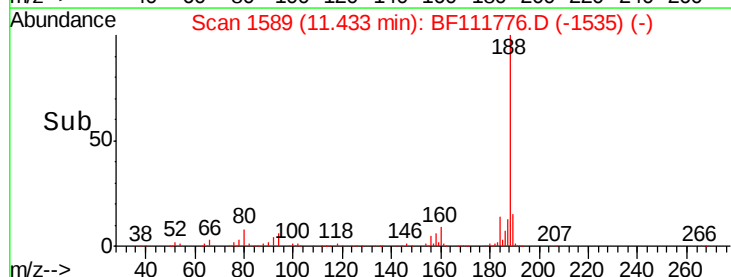
80 8.4 9.8 14.6#

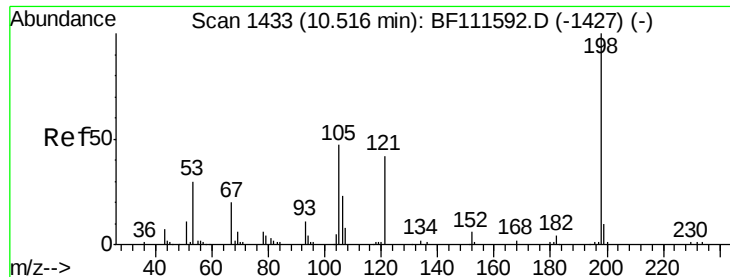


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

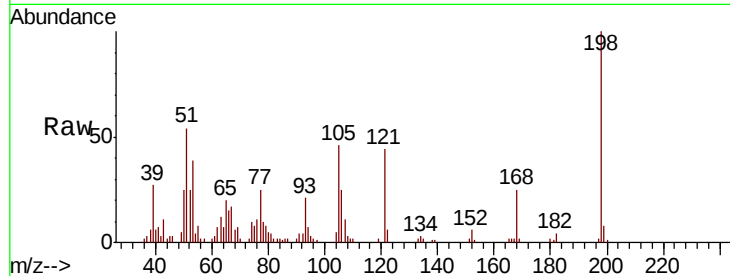




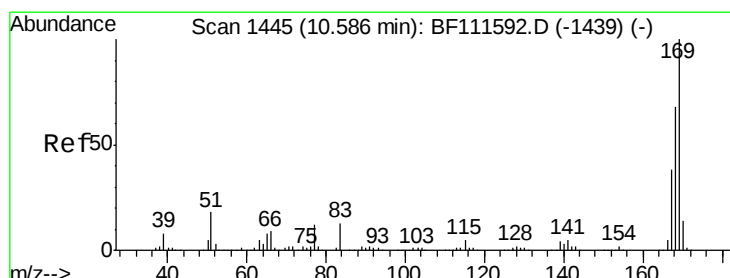
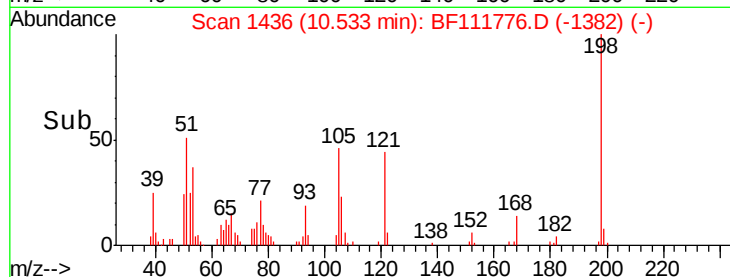
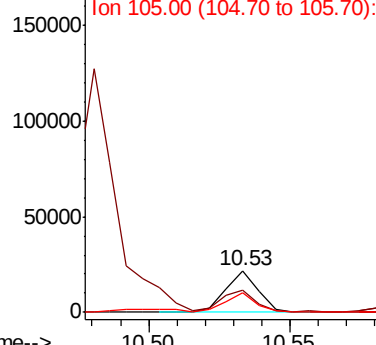
#65
4,6-Dinitro-2-methylphenol
Concen: 15.912 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.02 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tgt Ion:198 Resp: 17227
Ion Ratio Lower Upper
198 100
51 54.1 48.0 88.0
105 46.1 34.0 74.0

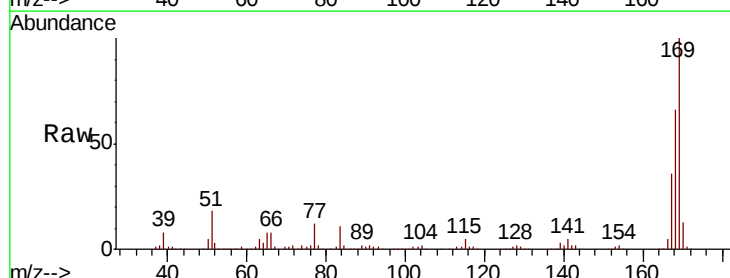


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

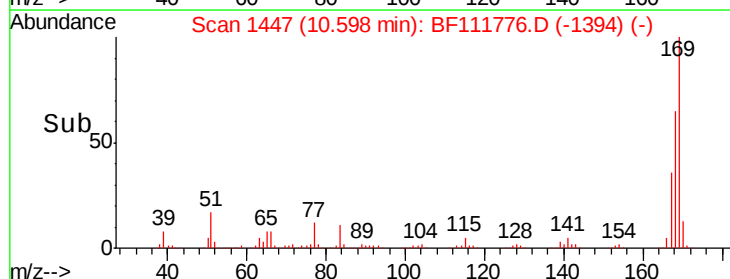
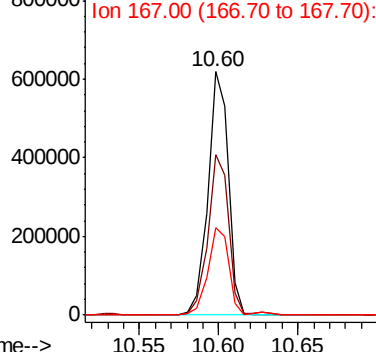


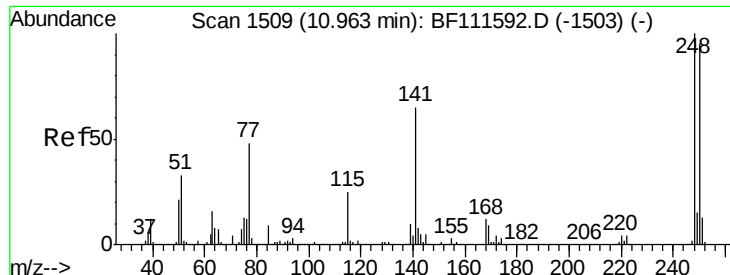
#66
n-Nitrosodiphenylamine
Concen: 42.132 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion:169 Resp: 550283
Ion Ratio Lower Upper
169 100
168 65.7 54.4 81.6
167 35.7 30.5 45.7



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

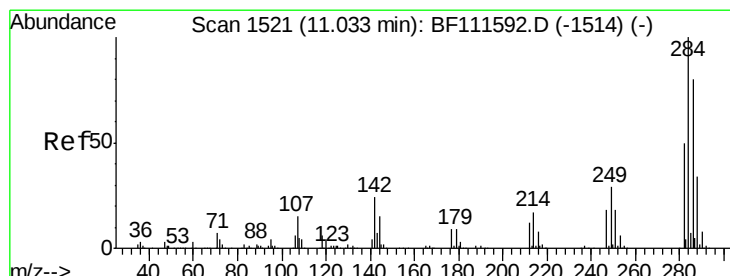
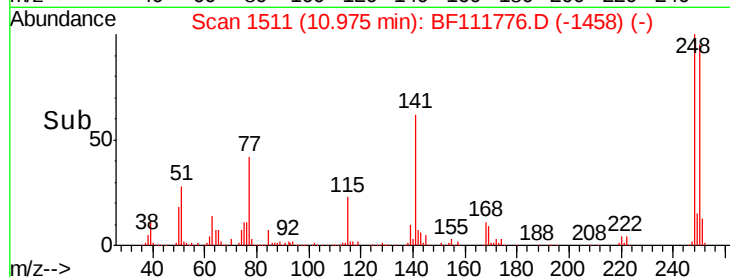
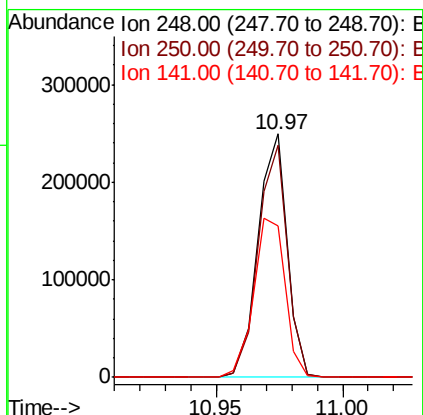
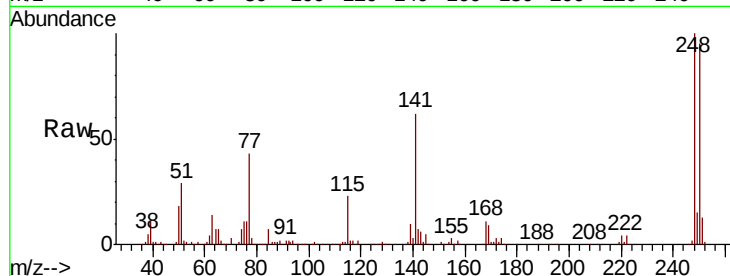




#67
 4-Bromophenyl-phenylether
 Concen: 41.687 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

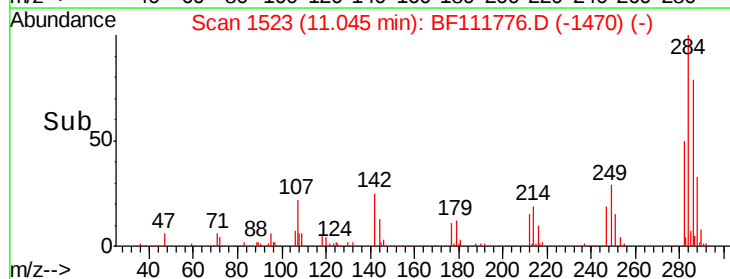
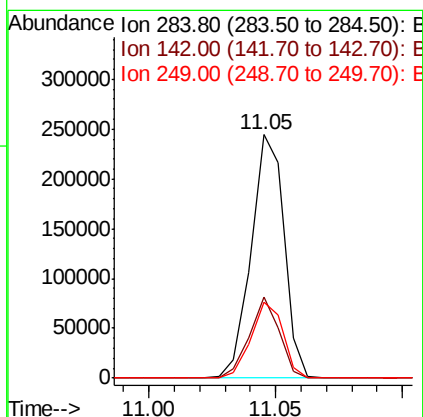
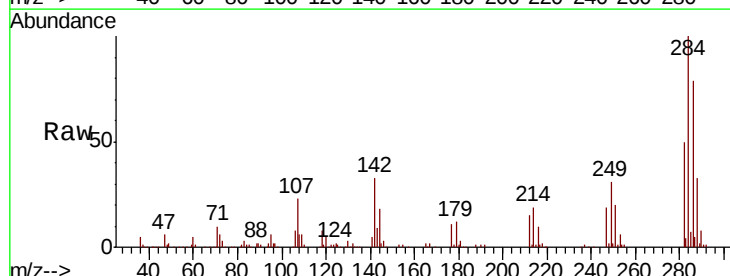
Instrument :
 BNA_F
 ClientSampleId :
 BU-03-122118MS

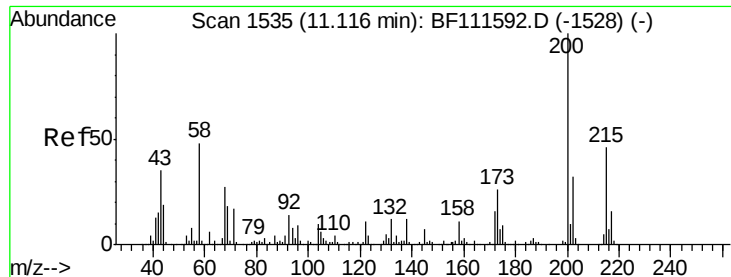
Tgt Ion:248 Resp: 201179
 Ion Ratio Lower Upper
 248 100
 250 95.2 77.0 115.4
 141 62.0 63.0 94.6#



#68
 Hexachlorobenzene
 Concen: 41.260 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

Tgt Ion:284 Resp: 222009
 Ion Ratio Lower Upper
 284 100
 142 33.5 27.4 41.2
 249 31.1 24.4 36.6





#69

Atrazine

Concen: 37.927 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-122118MS

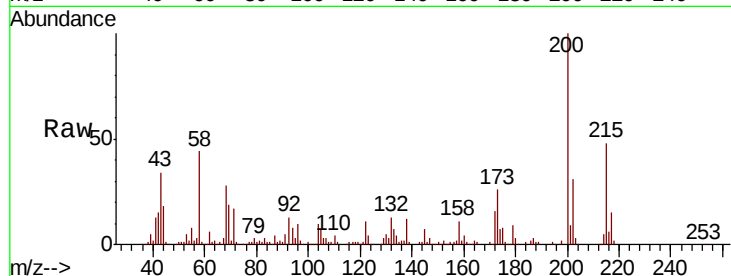
Tgt Ion:200 Resp: 172091

Ion Ratio Lower Upper

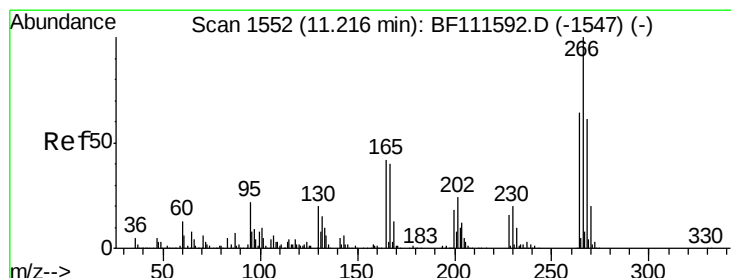
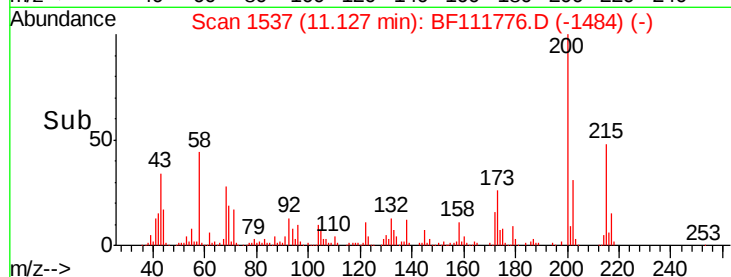
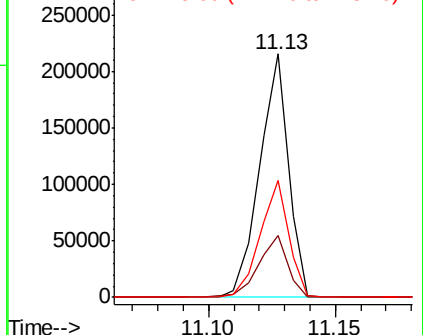
200 100

173 25.6 10.1 50.1

215 48.0 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: 51.455 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.02 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

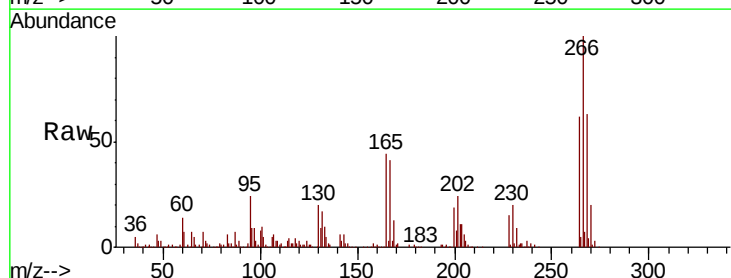
Tgt Ion:266 Resp: 171164

Ion Ratio Lower Upper

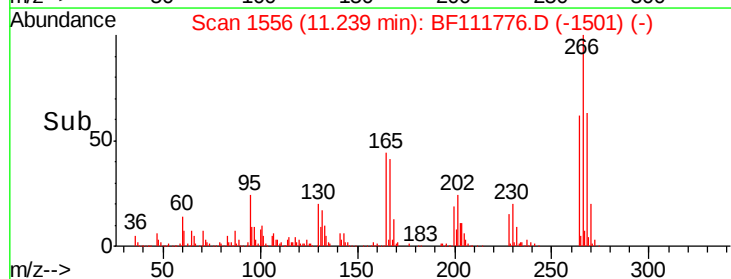
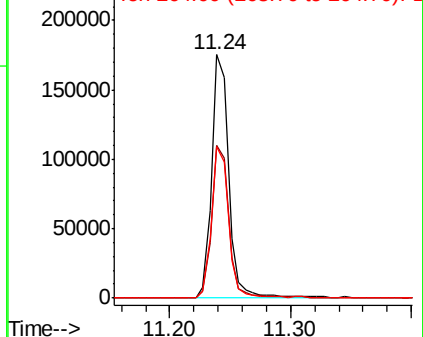
266 100

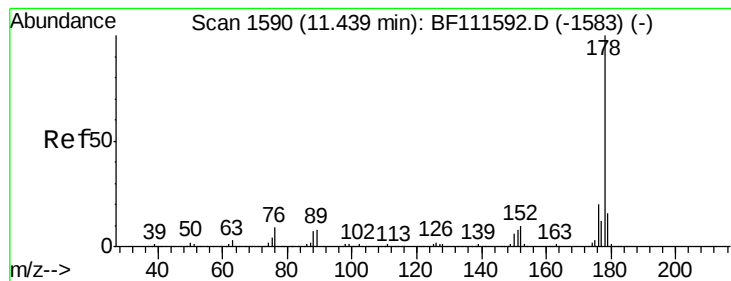
268 62.7 47.9 71.9

264 62.1 49.1 73.7



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





#71

Phenanthrene

Concen: 44.283 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.02 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-122118MS

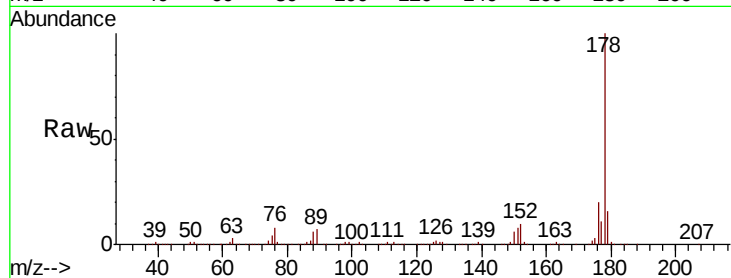
Tgt Ion:178 Resp: 913769

Ion Ratio Lower Upper

178 100

176 19.7 18.1 27.1

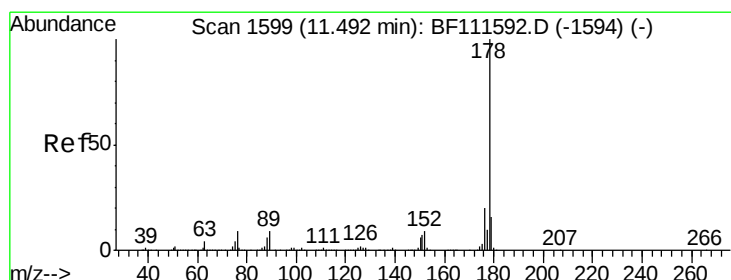
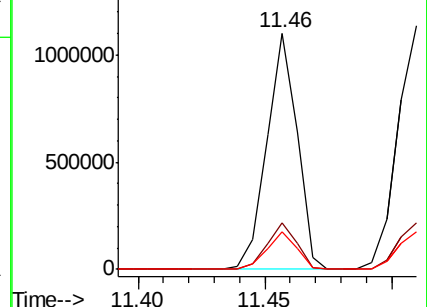
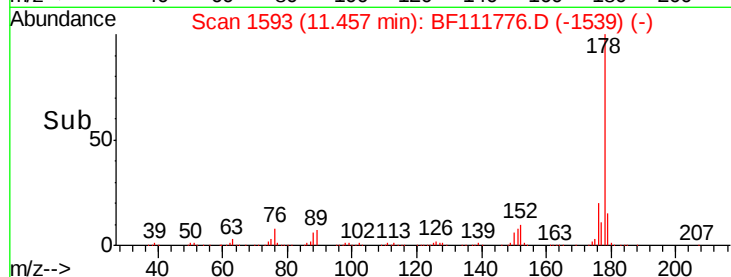
179 15.9 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.232 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.02 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

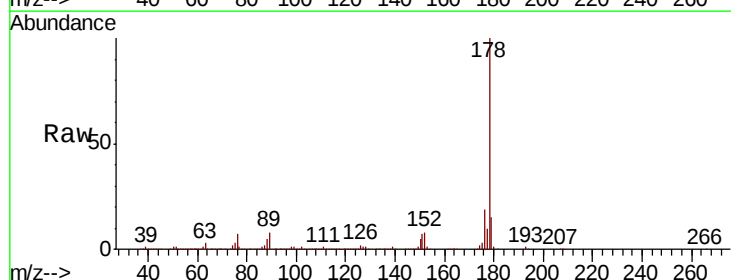
Tgt Ion:178 Resp: 936823

Ion Ratio Lower Upper

178 100

176 19.1 17.2 25.8

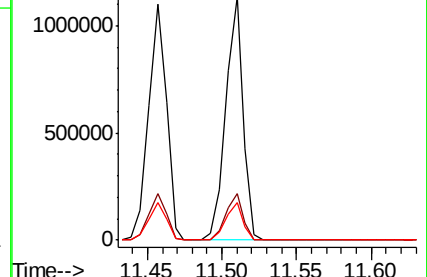
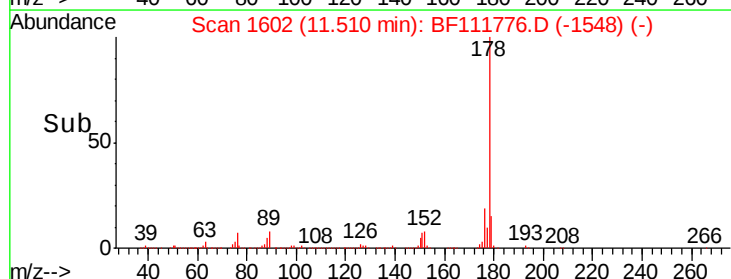
179 15.3 13.8 20.8

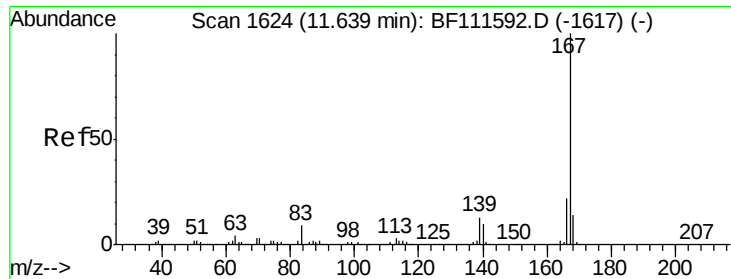


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

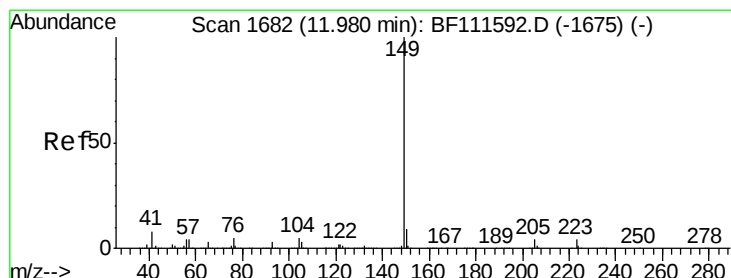
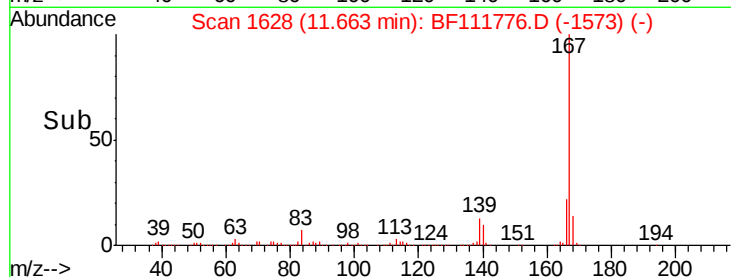
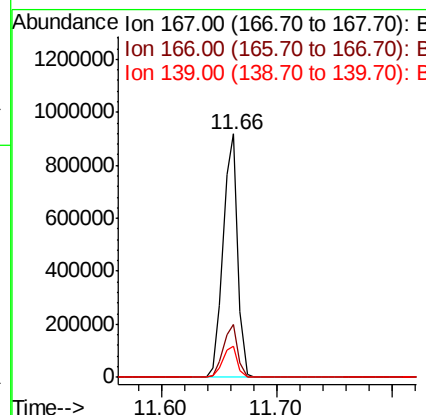
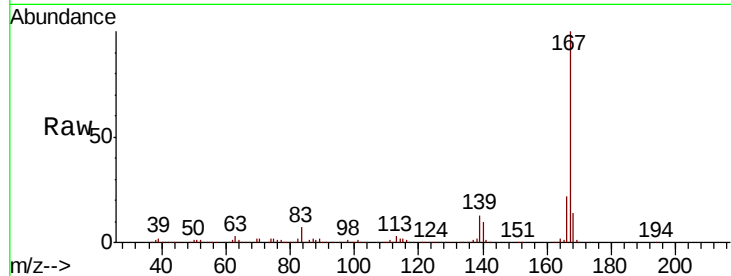




#73
 Carbazole
 Concen: 39.864 ng
 RT: 11.66 min Scan# 1628
 Delta R.T. 0.02 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

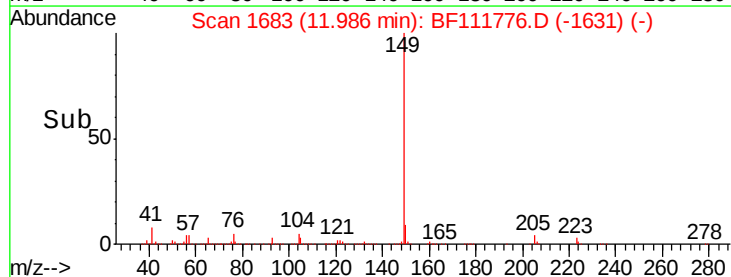
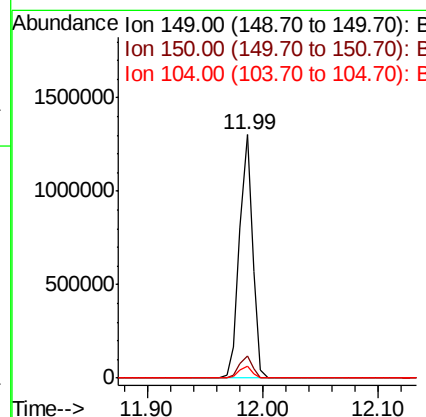
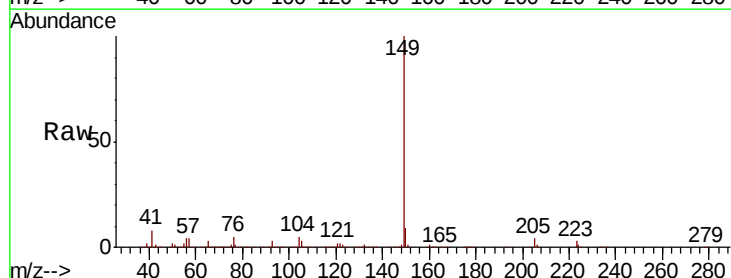
Instrument :
 BNA_F
 ClientSampleId :
 BU-03-122118MS

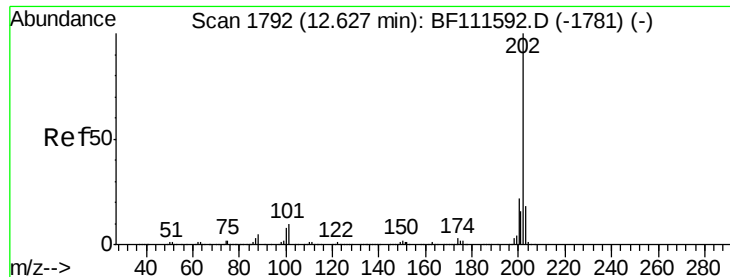
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	19.3	28.9
139	12.9	11.9	17.9



#74
 Di-n-butylphthalate
 Concen: 45.579 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BF111776.D
 Acq: 27 Dec 2018 21:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.8	13.2
104	4.8	4.5	6.7





#75

Fluoranthene

Concen: 45.717 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.02 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-122118MS

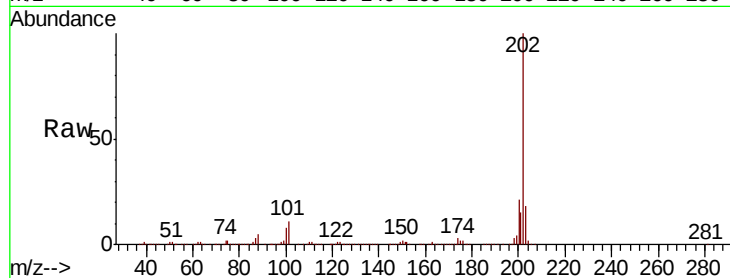
Tgt Ion:202 Resp: 955278

Ion Ratio Lower Upper

202 100

101 10.8 0.0 33.8

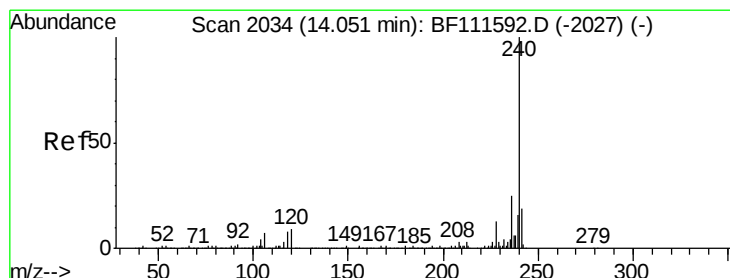
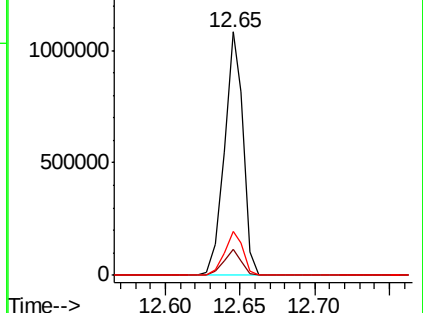
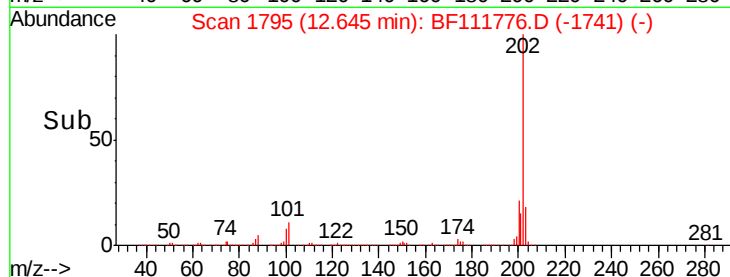
203 17.8 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.02 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

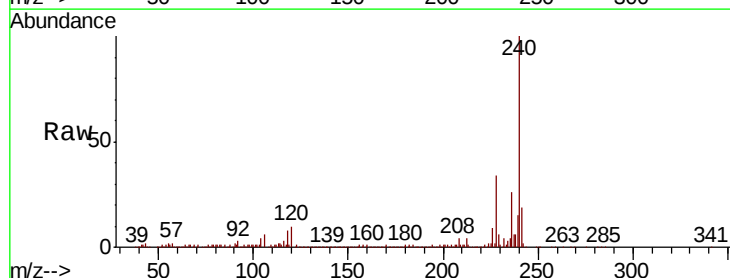
Tgt Ion:240 Resp: 306732

Ion Ratio Lower Upper

240 100

120 9.9 12.2 18.2#

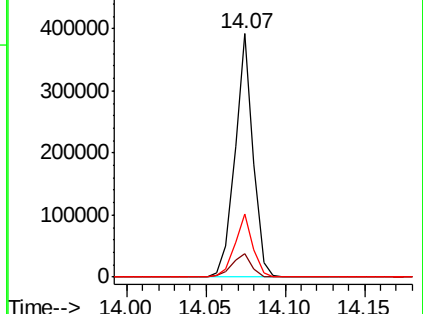
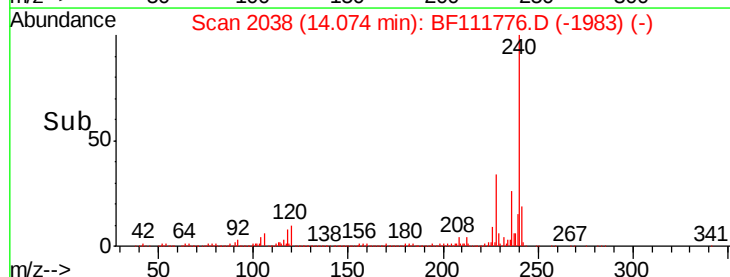
236 25.7 20.2 30.2

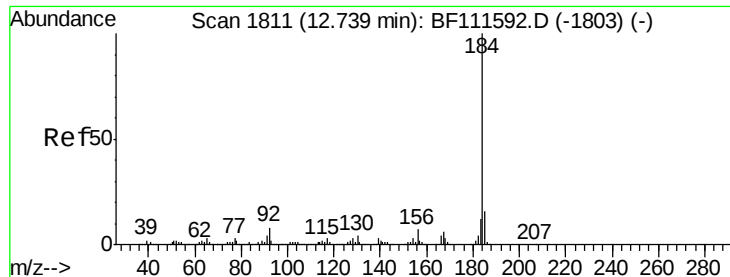


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.992 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.02 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-122118MS

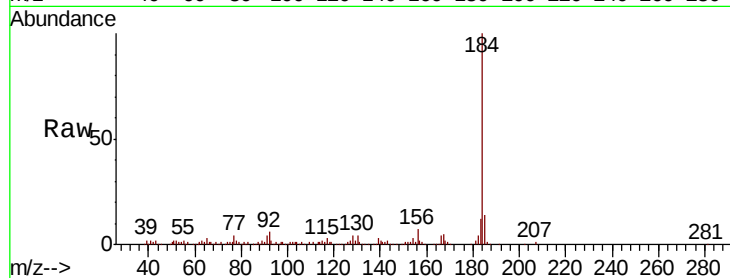
Tgt Ion:184 Resp: 149956

Ion Ratio Lower Upper

184 100

185 14.0 13.0 19.6

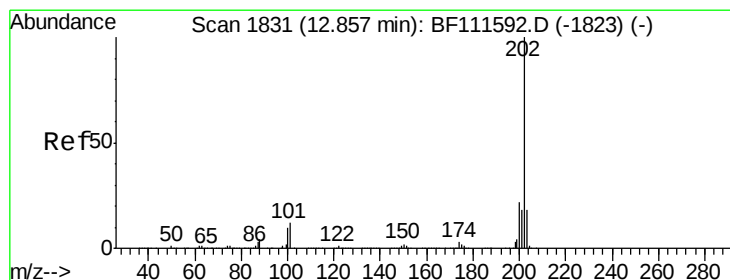
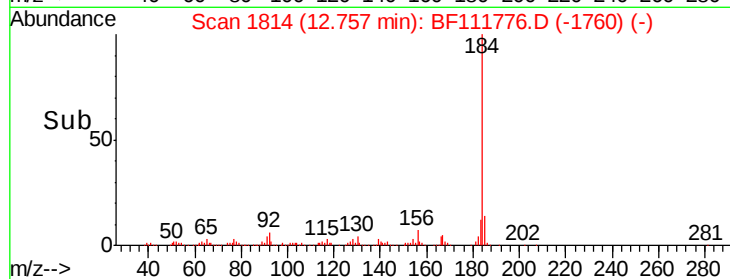
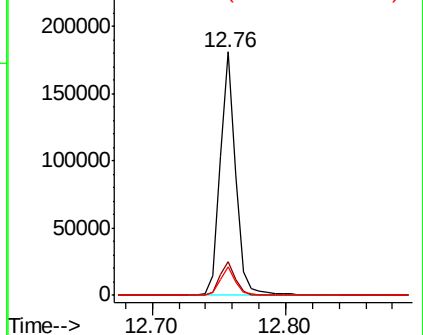
183 11.6 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.267 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.02 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

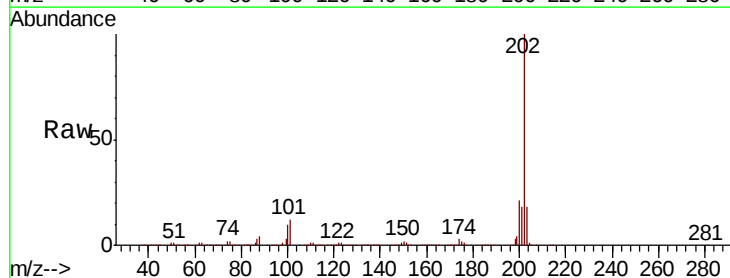
Tgt Ion:202 Resp: 958844

Ion Ratio Lower Upper

202 100

200 21.0 19.0 28.4

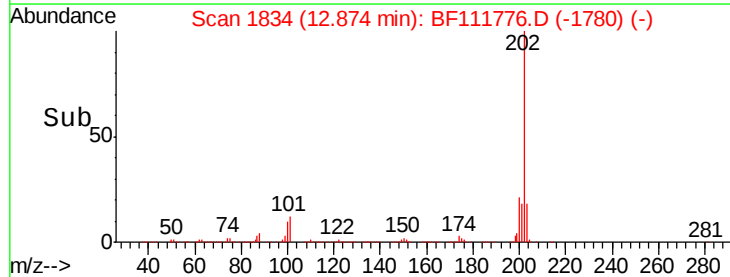
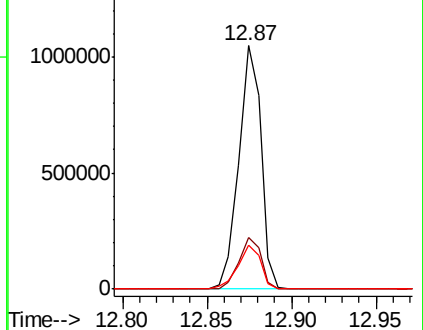
203 18.1 15.2 22.8

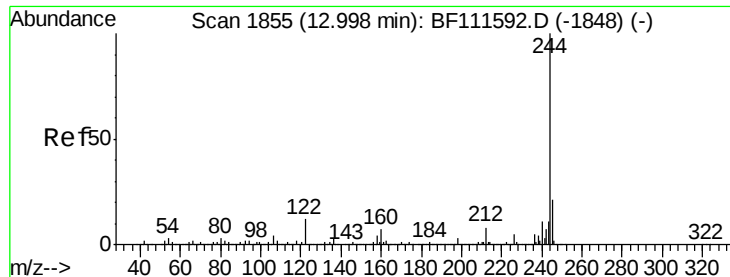


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.863 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-122118MS

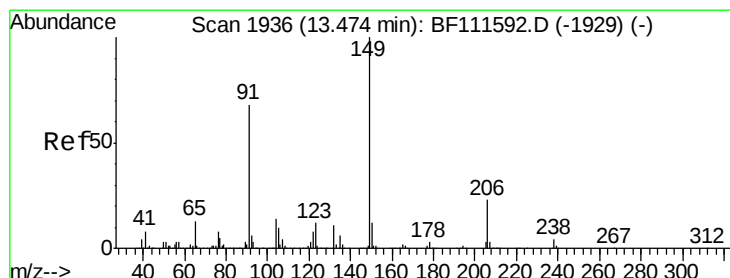
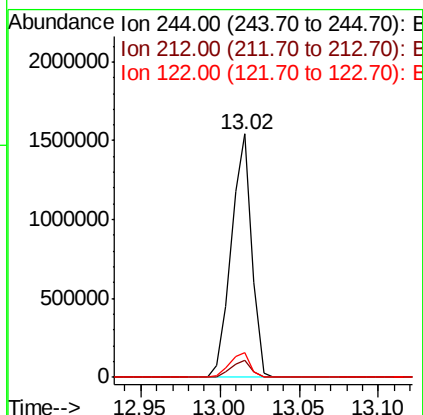
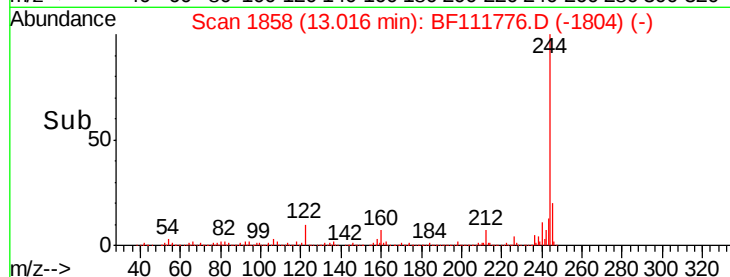
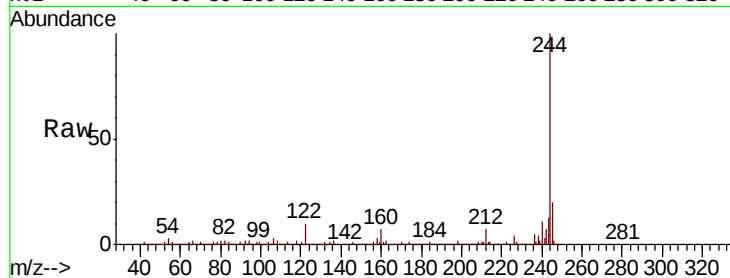
Tgt Ion:244 Resp: 1372600

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 10.2 13.1 19.7#



#80

Butylbenzylphthalate

Concen: 48.042 ng

RT: 13.49 min Scan# 1938

Delta R.T. 0.01 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

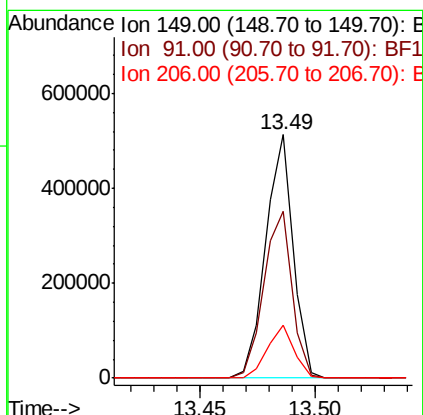
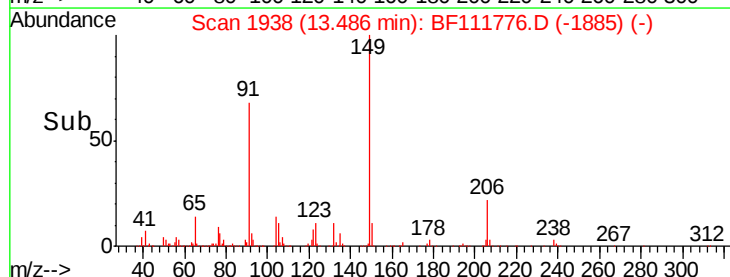
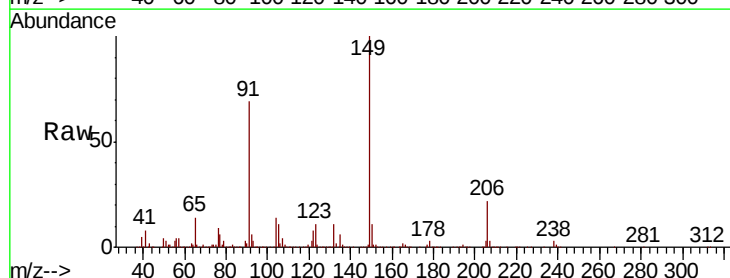
Tgt Ion:149 Resp: 424186

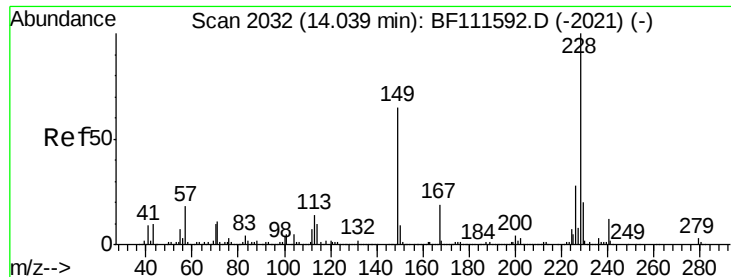
Ion Ratio Lower Upper

149 100

91 68.6 63.8 95.6

206 21.7 15.1 22.7

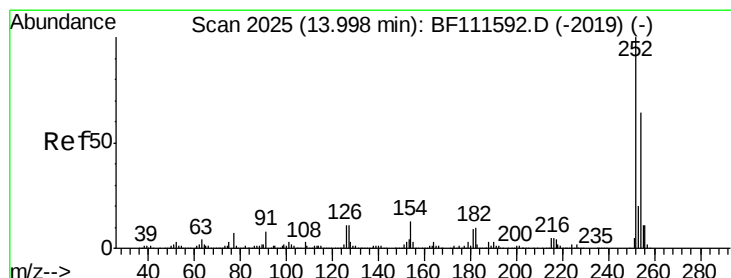
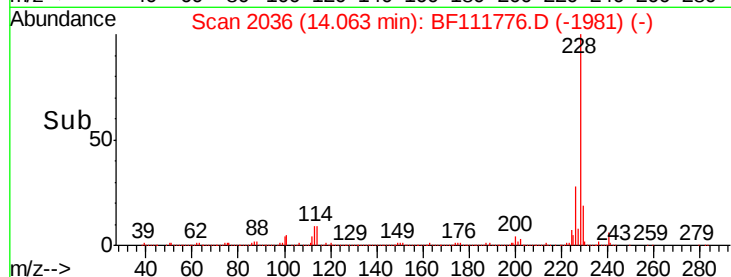
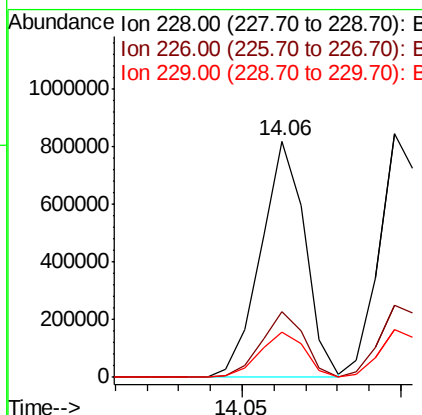
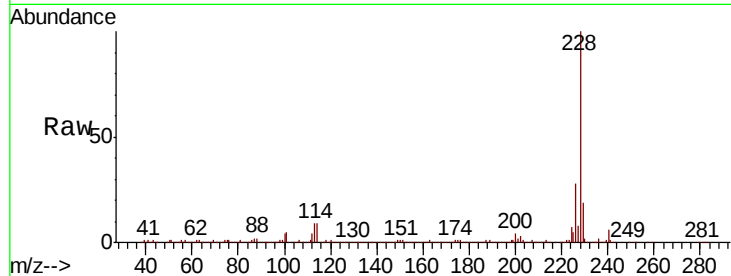




#81
Benzo(a)anthracene
Concen: 45.189 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.02 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

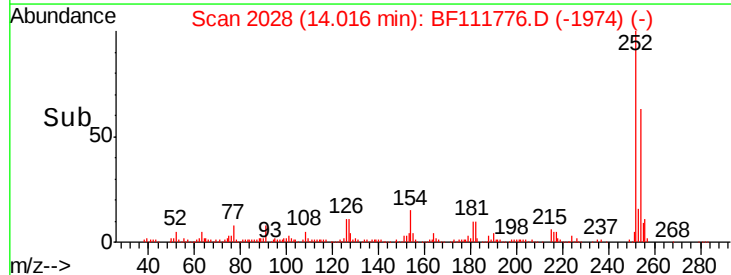
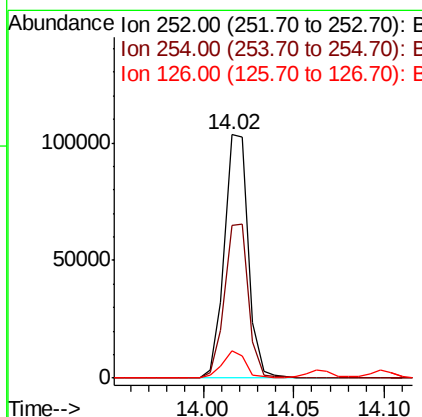
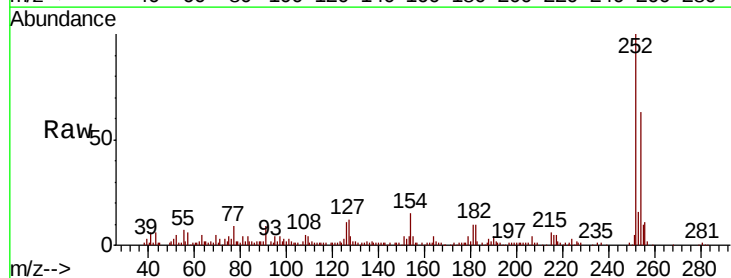
Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

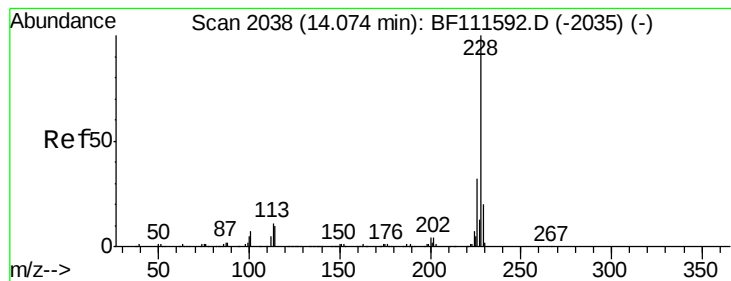
Tgt Ion: 228 Resp: 791032
Ion Ratio Lower Upper
228 100
226 27.7 22.6 34.0
229 19.4 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 13.839 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.02 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion: 252 Resp: 95714
Ion Ratio Lower Upper
252 100
254 62.9 52.7 79.1
126 11.0 11.1 16.7#





#83

Chrysene

Concen: 43.224 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.02 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-122118MS

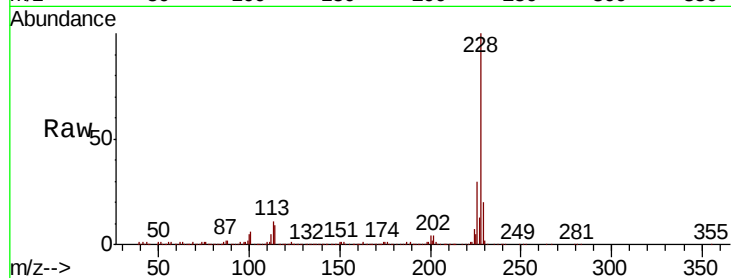
Tgt Ion:228 Resp: 743656

Ion Ratio Lower Upper

228 100

226 29.8 25.3 37.9

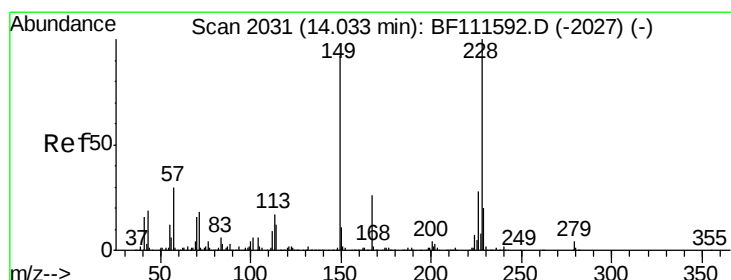
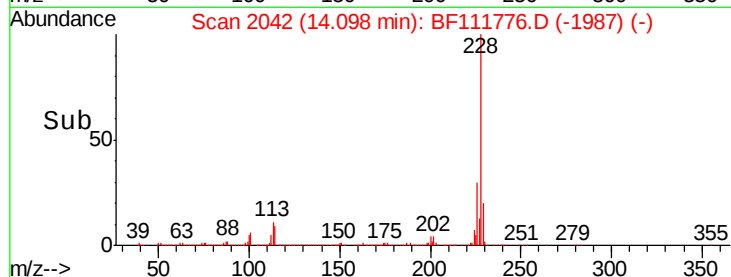
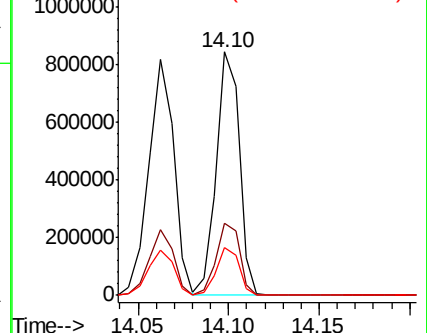
229 19.7 17.2 25.8



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: 52.264 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

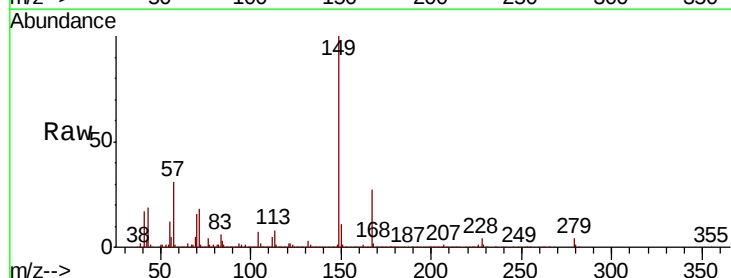
Tgt Ion:149 Resp: 581259

Ion Ratio Lower Upper

149 100

167 26.7 22.5 33.7

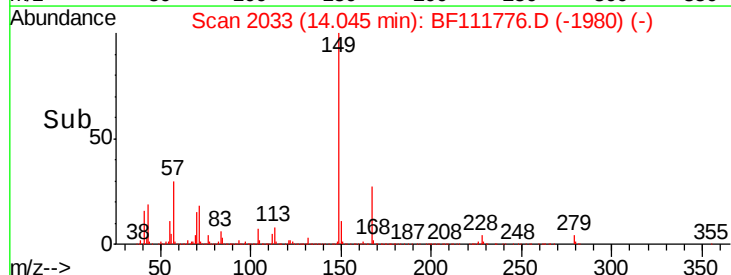
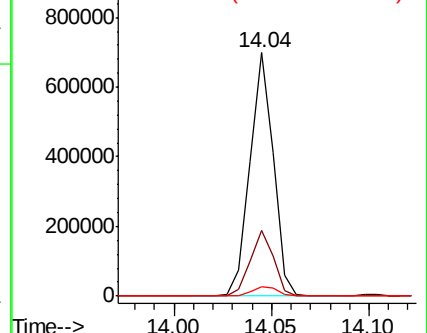
279 4.0 2.6 4.0#

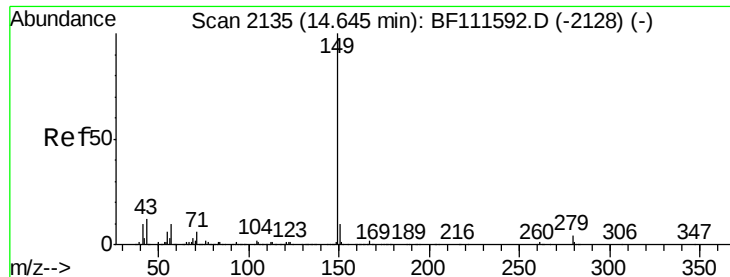


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 52.664 ng

RT: 14.66 min Scan# 2137

Delta R.T. 0.01 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-122118MS

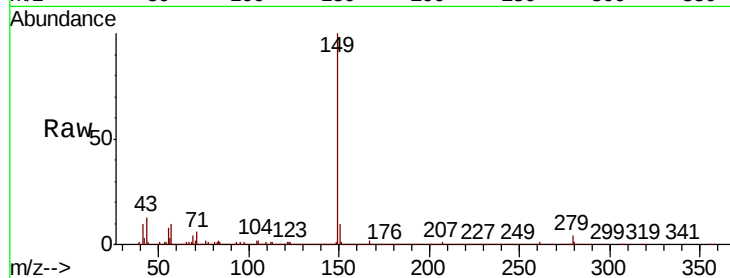
Tgt Ion:149 Resp: 907466

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

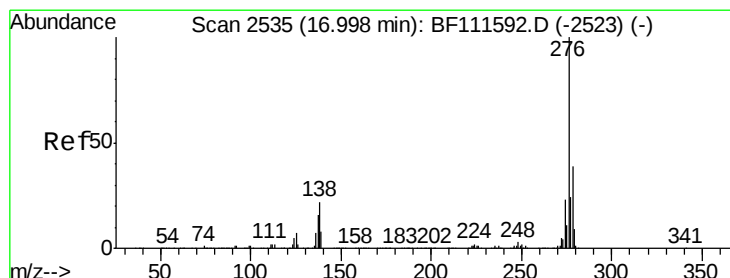
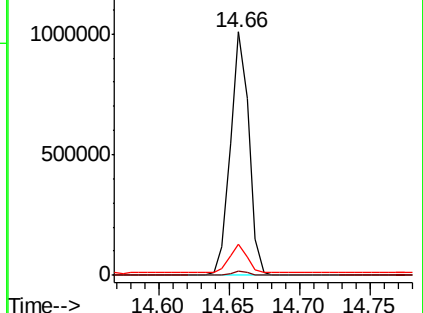
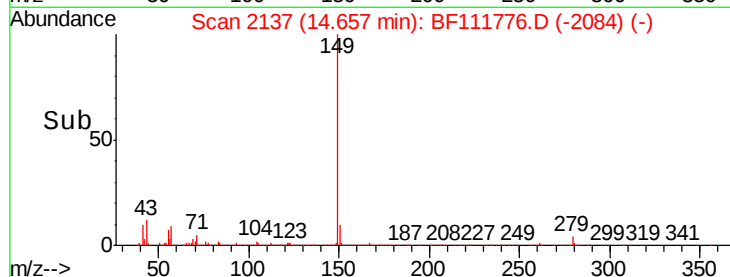
43 11.7 10.9 16.3



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: 39.324 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.07 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

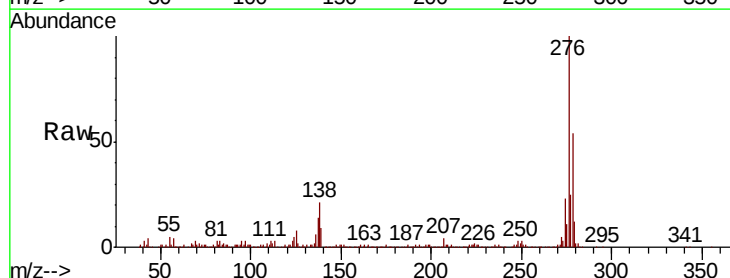
Tgt Ion:276 Resp: 575143

Ion Ratio Lower Upper

276 100

138 21.7 27.8 41.6#

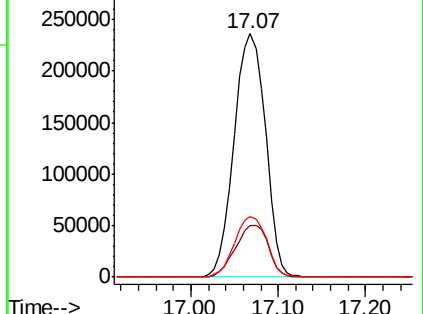
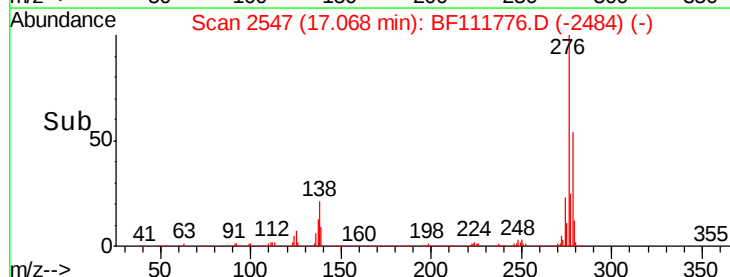
277 25.0 20.1 30.1

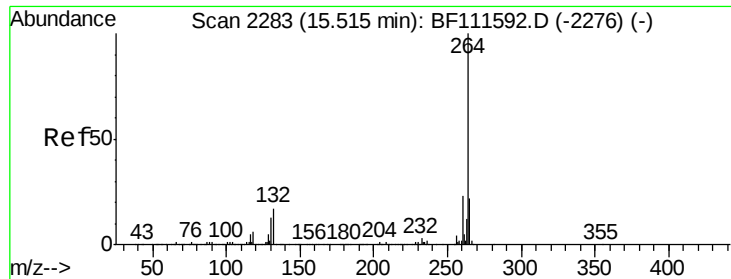


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

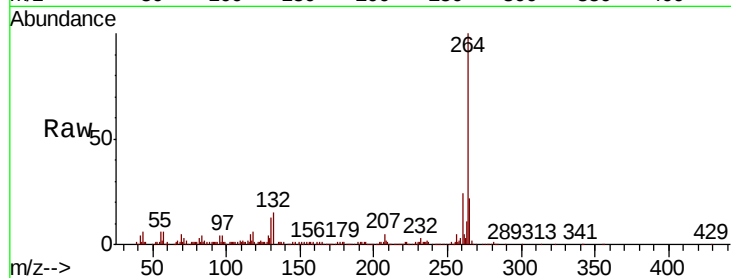




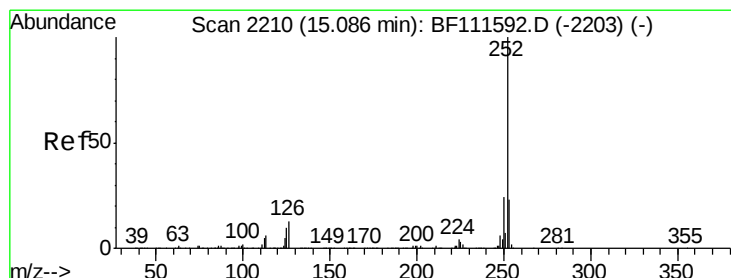
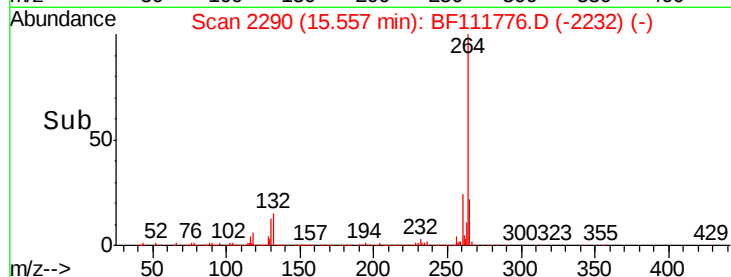
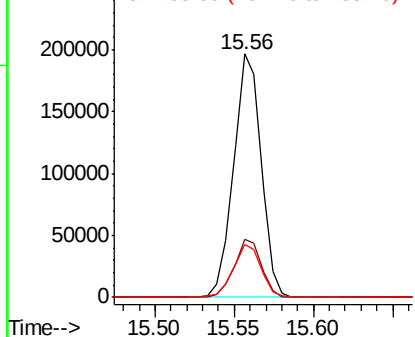
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.04 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Tgt Ion: 264 Resp: 237442
Ion Ratio Lower Upper
264 100
260 23.9 18.3 27.5
265 21.8 17.7 26.5

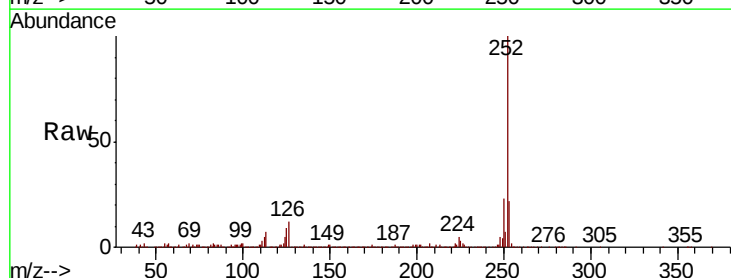


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

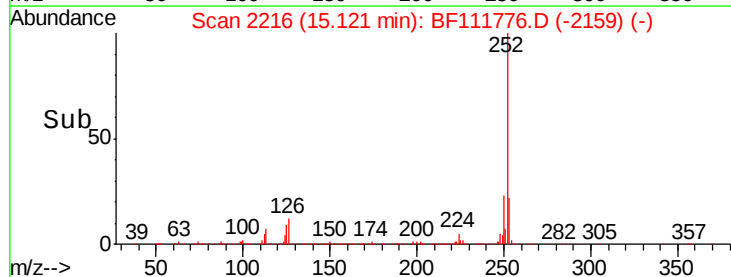
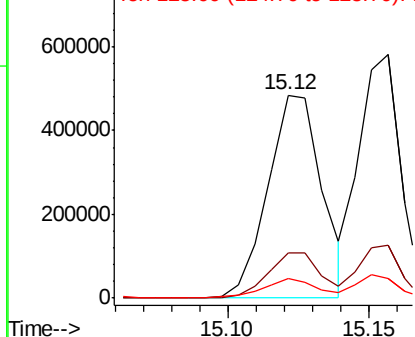


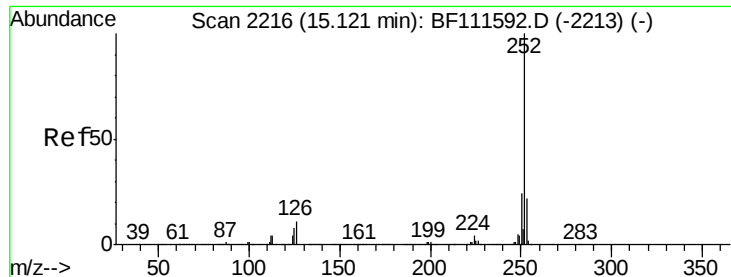
#88
Benzo(b)fluoranthene
Concen: 46.509 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.04 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion: 252 Resp: 645409
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 9.4 10.4 15.6#



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

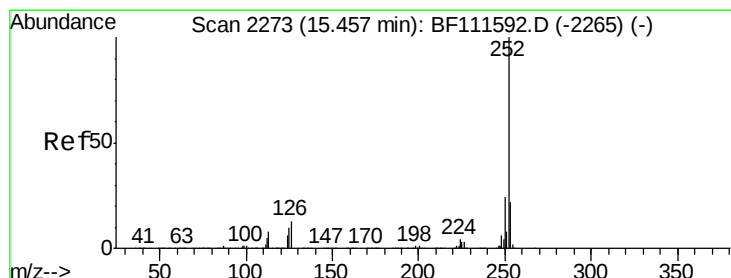
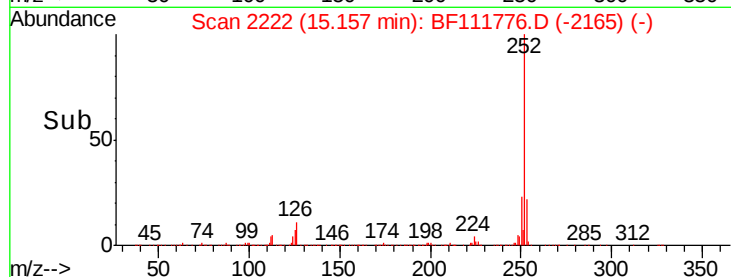
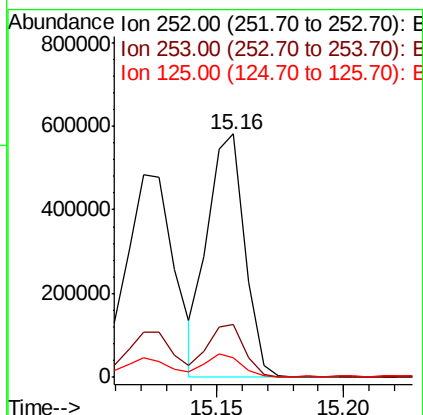
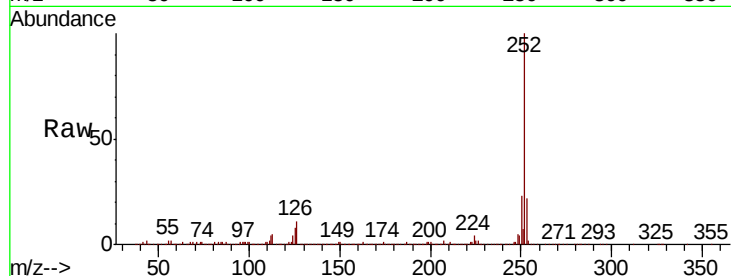




#89
Benzo(k)fluoranthene
Concen: 44.674 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.04 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

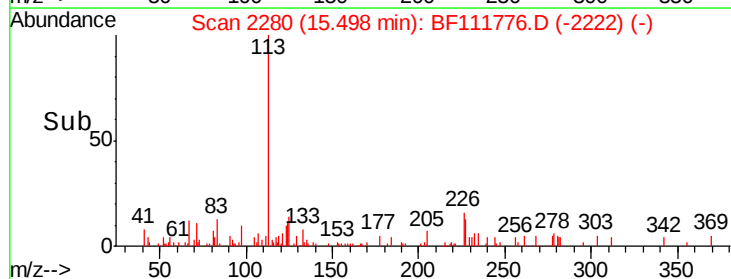
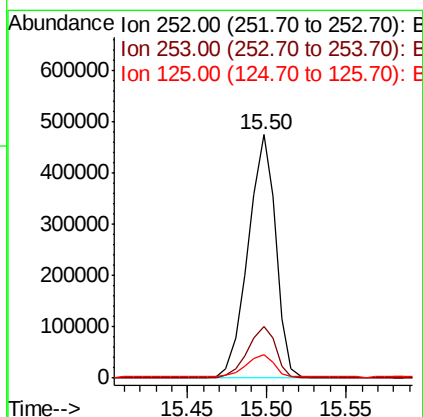
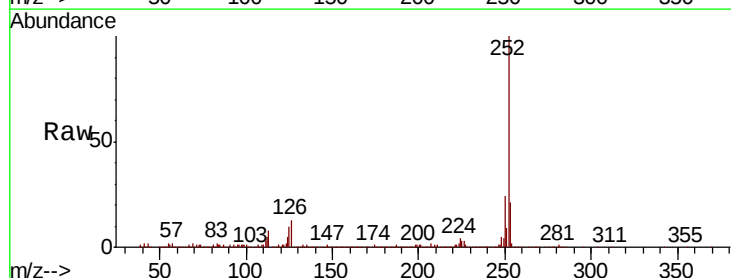
Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

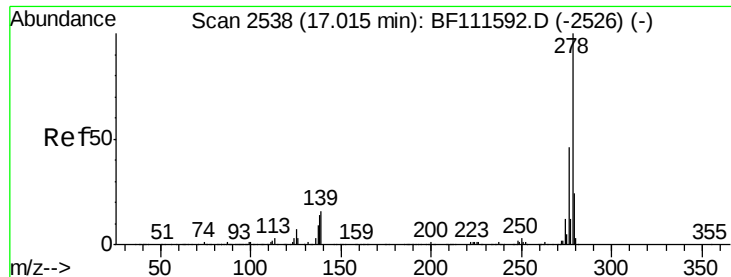
Tgt Ion:252 Resp: 590200
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 7.8 9.8 14.8#



#90
Benzo(a)pyrene
Concen: 45.590 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.04 min
Lab File: BF111776.D
Acq: 27 Dec 2018 21:28

Tgt Ion:252 Resp: 574767
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 9.8 12.3 18.5#





#91

Dibenzo(a,h)anthracene

Concen: 44.559 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.07 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

Instrument :

BNA_F

ClientSampleId :

BU-03-122118MS

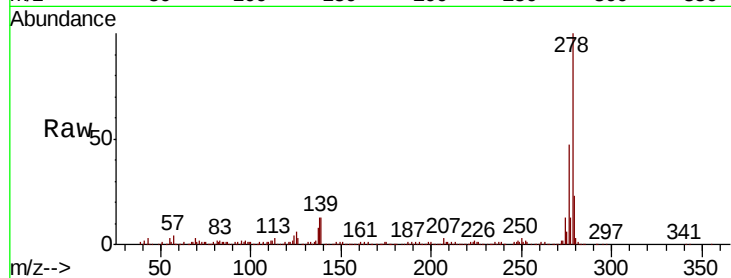
Tgt Ion: 278 Resp: 491929

Ion Ratio Lower Upper

278 100

139 13.1 18.2 27.4#

279 23.5 19.0 28.6

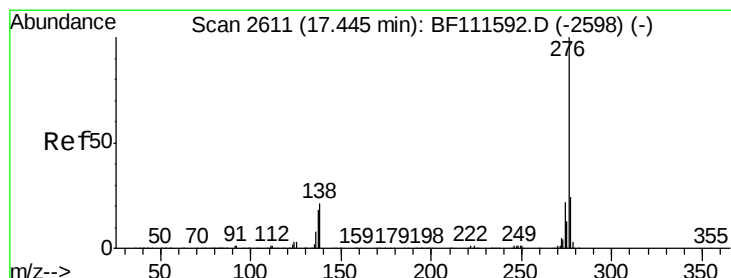
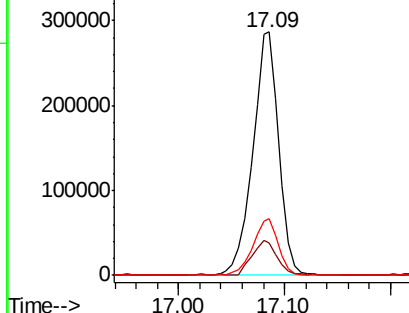
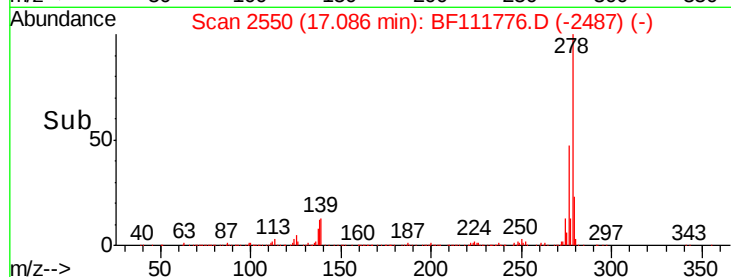


Abundance

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: 43.955 ng

RT: 17.52 min Scan# 2624

Delta R.T. 0.08 min

Lab File: BF111776.D

Acq: 27 Dec 2018 21:28

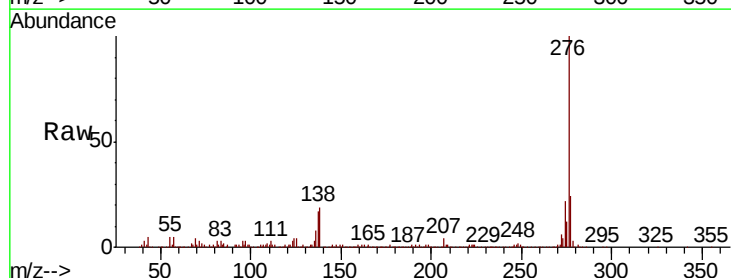
Tgt Ion: 276 Resp: 473843

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 18.6 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

