

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
 Data File : BF111614.D
 Acq On : 20 Dec 2018 2:20
 Operator : JU/SJ
 Sample : J6199-11 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-121818-B

Quant Time: Dec 20 03:29:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	187716	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	656071	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	296911	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	529391	20.00	ng	0.00
76) Chrysene-d12	14.05	240	486290	20.00	ng	0.00
87) Perylene-d12	15.52	264	334513	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	253789	23.05	ng	-0.01
7) Phenol-d6	6.51	99	322383	23.00	ng	-0.01
23) Nitrobenzene-d5	7.45	82	173593	15.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	70845	20.19	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	313639	15.40	ng	0.00
79) Terphenyl-d14	13.00	244	316873	12.36	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	122	0.024	ng	# 1
4) n-Nitrosodimethylamine	3.39	42	249	0.038	ng	# 1
6) Aniline	6.52	93	502	0.028	ng	# 1
9) Benzaldehyde	6.46	77	1319	0.137	ng	# 1
10) Phenol	6.52	94	17708	1.120	ng	95
11) bis(2-Chloroethyl)ether	6.66	93	476	0.040	ng	# 1
15) Benzyl Alcohol	7.02	79	334	0.030	ng	# 41
17) 2-Methylphenol	7.13	107	134	0.014	ng	# 7
18) Hexachloroethane	7.43	117	6975	1.444	ng	# 1
19) n-Nitroso-di-n-propylamine	7.29	70	2211	0.238	ng	# 41
20) 3+4-Methylphenols	7.29	107	568	0.046	ng	# 10
22) Acetophenone	7.29	105	19236	1.157	ng	# 43
24) Nitrobenzene	7.50	77	647	0.055	ng	# 25
25) Isophorone	7.80	82	8429	0.421	ng	# 58
26) 2-Nitrophenol	7.80	139	381	0.080	ng	# 1
27) 2,4-Dimethylphenol	7.82	122	126	0.013	ng	# 35
28) bis(2-Chloroethoxy)methane	7.94	93	1438	0.108	ng	# 1
29) 2,4-Dichlorophenol	8.03	162	147	0.014	ng	# 1
31) Naphthalene	8.20	128	58484	1.855	ng	99
32) Benzoic acid	7.96	122	232	0.037	ng	# 1
33) 4-Chloroaniline	8.27	127	398	0.029	ng	# 1
35) Caprolactam	8.60	113	3504	1.018	ng	# 1
36) 4-Chloro-3-methylphenol	8.73	107	1073	0.107	ng	# 20
37) 2-Methylnaphthalene	8.89	142	38777	1.891	ng	94
38) 1-Methylnaphthalene	8.99	142	23812	1.209	ng	# 98
43) 2,4,6-Trichlorophenol	8.99	196	110	0.017	ng	# 12
44) 2,4,5-Trichlorophenol	9.34	196	122	0.018	ng	# 1
46) 1,1'-Biphenyl	9.35	154	8702	0.347	ng	91
47) 2-Chloronaphthalene	9.39	162	113	0.006	ng	# 1
48) 2-Nitroaniline	9.47	65	300	0.058	ng	# 35
49) Acenaphthylene	9.79	152	19451	0.671	ng	98
50) Dimethylphthalate	9.64	163	28256	1.301	ng	# 98
51) 2,6-Dinitrotoluene	9.93	165	42362	9.785	ng	# 30
52) Acenaphthene	9.96	154	13051	0.730	ng	93

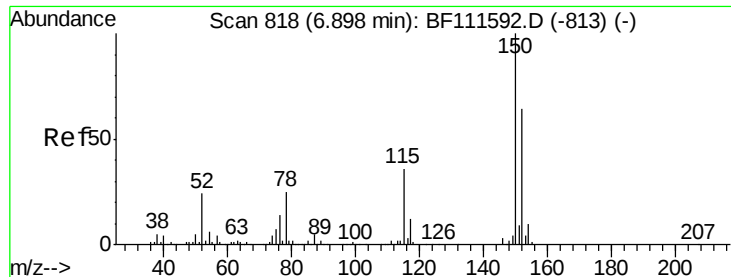
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
 Data File : BF111614.D
 Acq On : 20 Dec 2018 2:20
 Operator : JU/SJ
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 3-Nitroaniline	9.89	138	311	0.067	ng	# 42
55) Dibenzofuran	10.13	168	17692	0.655	ng	# 90
56) 4-Nitrophenol	10.03	139	842	0.239	ng	# 10
57) 2,4-Dinitrotoluene	9.93	165	42362	8.141	ng	# 25
58) Fluorene	10.47	166	28037	1.440	ng	# 98
60) Diethylphthalate	10.35	149	2006	0.094	ng	# 40
61) 4-Chlorophenyl-phenylether	10.40	204	234	0.022	ng	# 1
62) 4-Nitroaniline	10.40	138	1453	0.324	ng	# 79
63) Azobenzene	10.63	77	1017	0.048	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.75	198	235	6.785	ng	# 1
66) n-Nitrosodiphenylamine	10.59	169	3699	0.208	ng	# 68
67) 4-Bromophenyl-phenylether	10.71	248	4249	0.647	ng	# 1
69) Atrazine	11.11	200	887	0.144	ng	# 73
71) Phenanthrene	11.44	178	188211	6.704	ng	# 93
72) Anthracene	11.49	178	54660	1.940	ng	# 97
73) Carbazole	11.63	167	14216	0.520	ng	# 97
74) Di-n-butylphthalate	11.97	149	1860	0.061	ng	# 58
75) Fluoranthene	12.63	202	281881	9.915	ng	# 94
77) Benzidine	12.73	184	399	0.022	ng	# 1
78) Pyrene	12.86	202	271604	7.909	ng	# 95
80) Butylbenzylphthalate	13.49	149	1025	0.073	ng	# 1
81) Benzo(a)anthracene	14.04	228	126585	4.561	ng	# 97
82) 3,3'-Dichlorobenzidine	13.98	252	1547	0.141	ng	# 64
83) Chrysene	14.07	228	119864	4.394	ng	# 97
84) Bis(2-ethylhexyl)phthalate	14.03	149	2594	0.147	ng	# 58
85) Di-n-octyl phthalate	14.64	149	693	0.025	ng	# 40
86) Indeno(1,2,3-cd)pyrene	17.00	276	45312	1.954	ng	# 86
88) Benzo(b)fluoranthene	15.09	252	149622	7.653	ng	# 91
89) Benzo(k)fluoranthene	15.09	252	149622	8.039	ng	# 90
90) Benzo(a)pyrene	15.46	252	81408	4.583	ng	# 96
91) Dibenzo(a,h)anthracene	17.01	278	12479	0.802	ng	# 66
92) Benzo(g,h,i)perylene	17.44	276	43236	2.847	ng	# 90

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

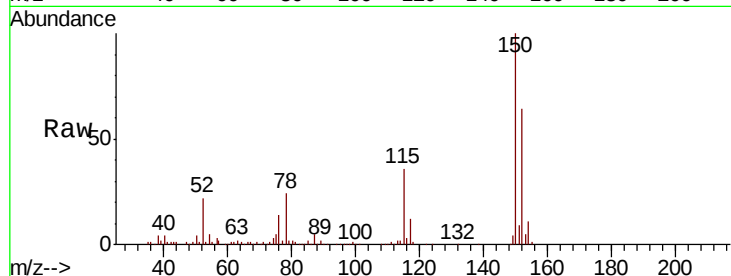


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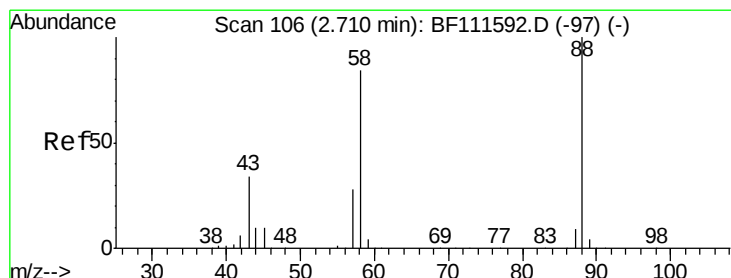
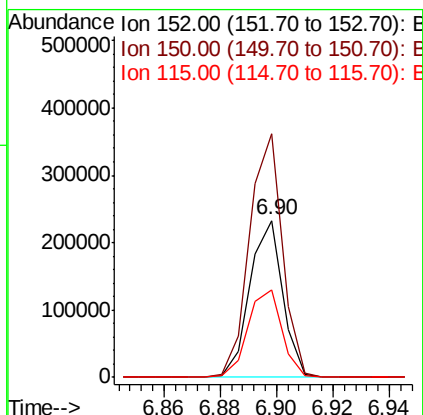
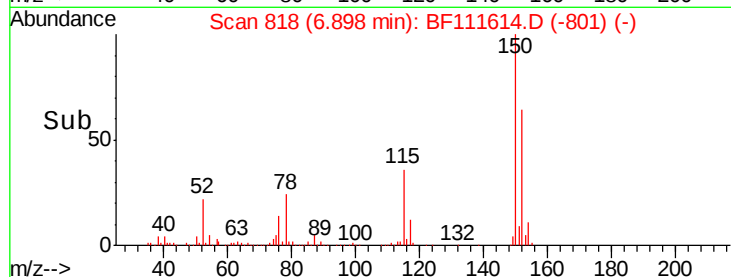
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-B

Tgt Ion: 152 Resp: 187716
Ion Ratio Lower Upper
152 100
150 155.3 126.6 189.8
115 56.0 50.7 76.1



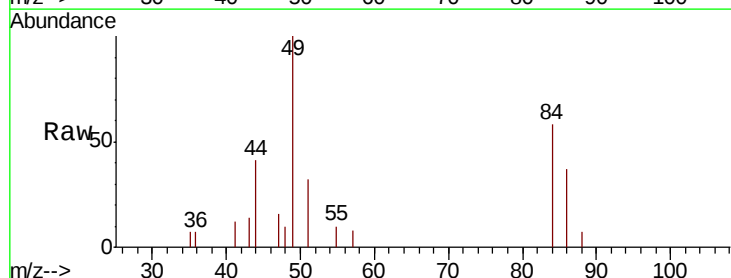
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



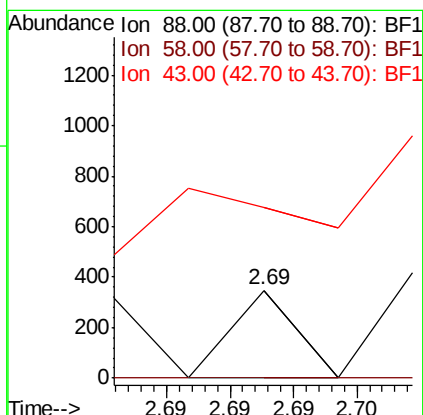
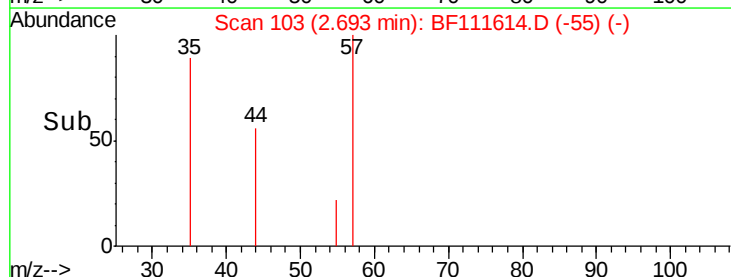
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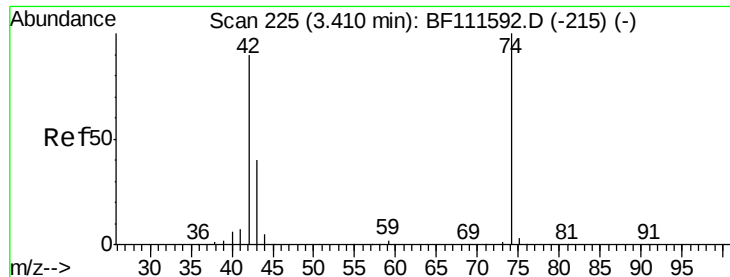
1,4-Dioxane
Concen: 0.024 ng
RT: 2.69 min Scan# 103
Delta R.T. -0.02 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

Tgt Ion: 88 Resp: 122
Ion Ratio Lower Upper
88 100
58 0.0 68.9 103.3#
43 445.9 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



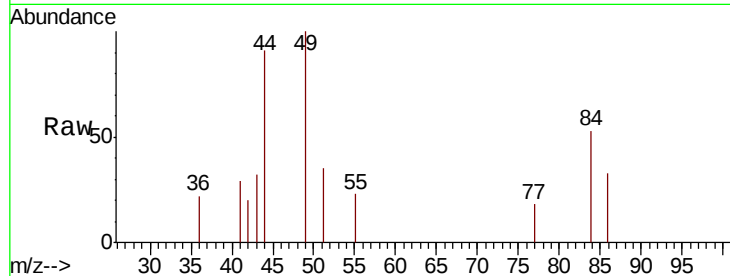


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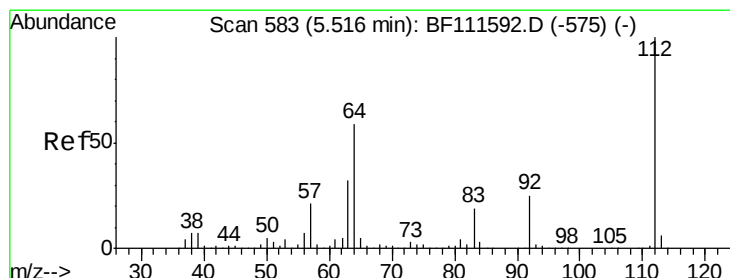
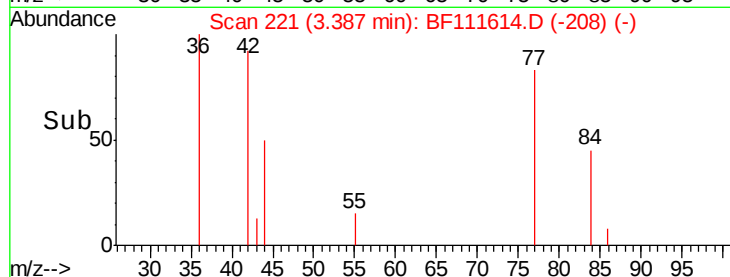
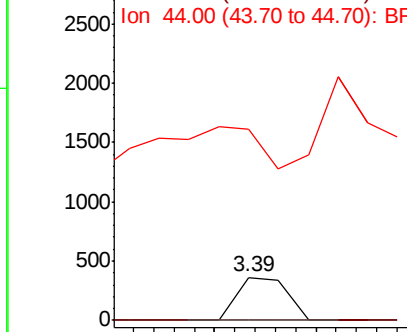
n-Nitrosodimethylamine
 Concen: 0.038 ng
 RT: 3.39 min Scan# 221
 Delta R.T. -0.02 min
 Lab File: BF111614.D
 Acq: 20 Dec 2018 2:20

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-121818-B

Tgt Ion: 42 Resp: 249
 Ion Ratio Lower Upper
 42 100
 74 0.0 101.5 152.3#
 44 447.6 6.0 9.0#



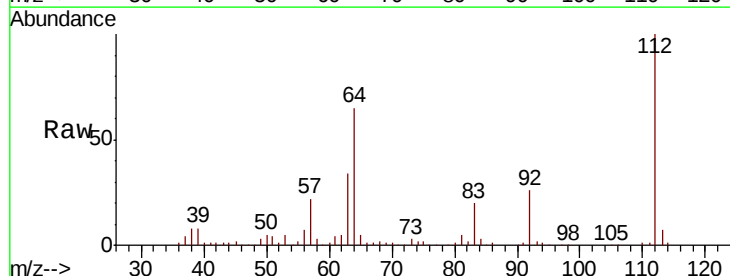
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



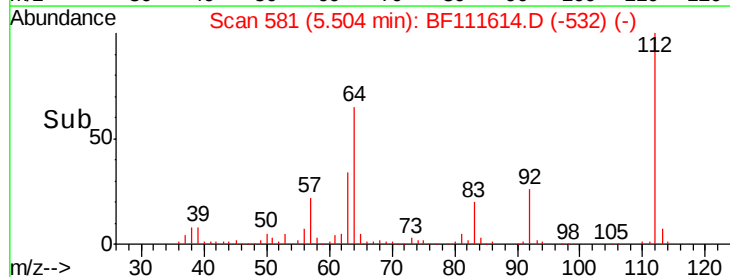
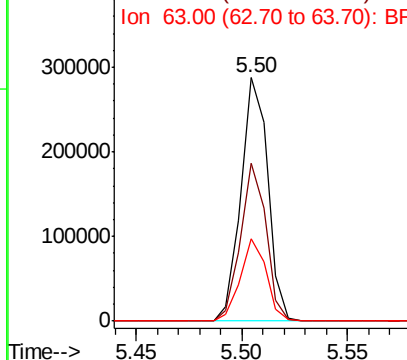
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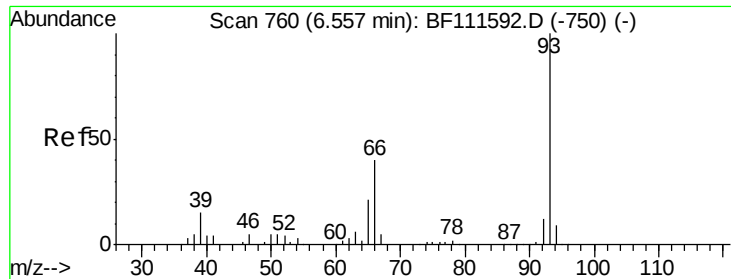
2-Fluorophenol
 Concen: 23.045 ng
 RT: 5.50 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: BF111614.D
 Acq: 20 Dec 2018 2:20

Tgt Ion: 112 Resp: 253789
 Ion Ratio Lower Upper
 112 100
 64 65.0 51.8 77.6
 63 34.0 26.8 40.2



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





#6

Aniline

Concen: 0.028 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.04 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

Instrument :

BNA_F

ClientSampleId :

SU-02-121818-B

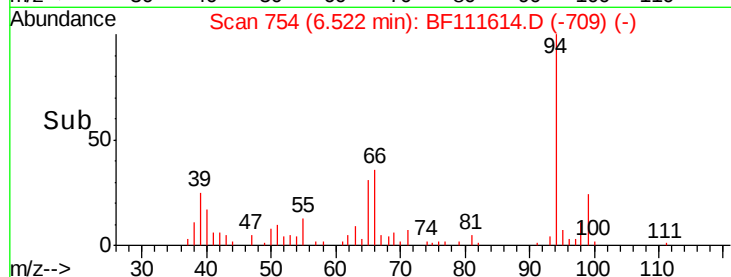
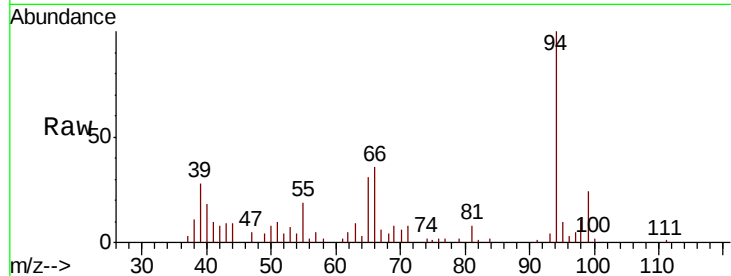
Tgt Ion: 93 Resp: 502

Ion Ratio Lower Upper

93 100

66 982.9 33.2 49.8#

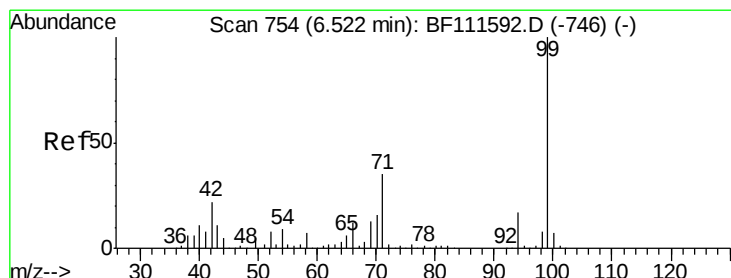
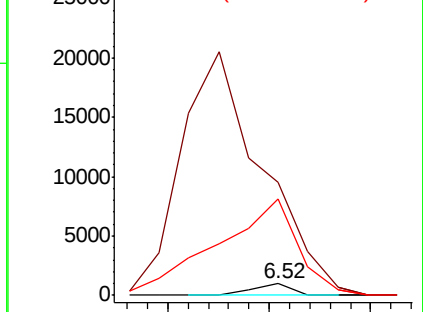
65 841.4 17.0 25.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 23.002 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

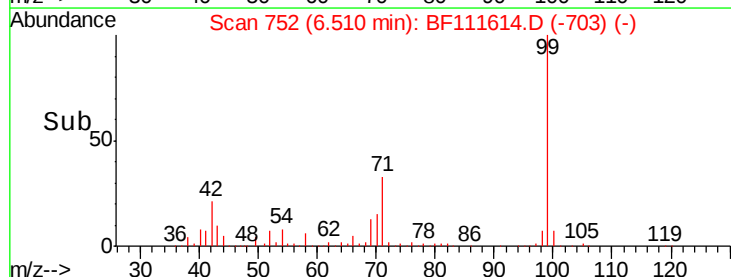
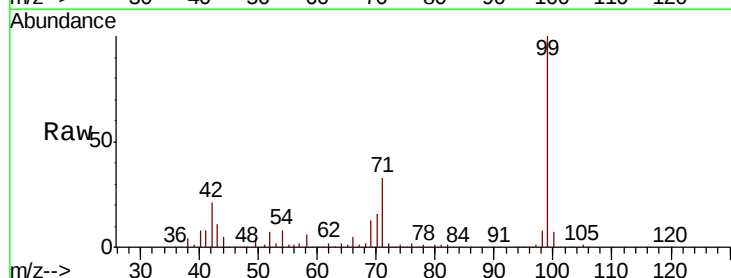
Tgt Ion: 99 Resp: 322383

Ion Ratio Lower Upper

99 100

42 21.5 17.4 26.0

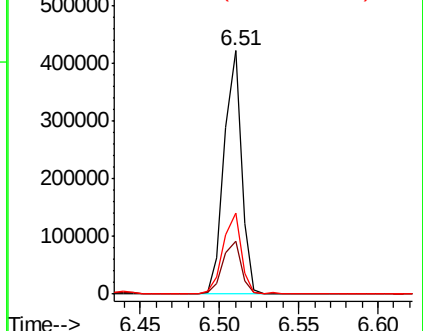
71 33.2 26.1 39.1

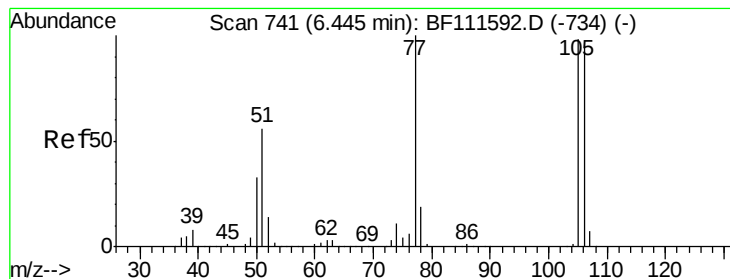


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 0.137 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

Instrument :

BNA_F

ClientSampleId :

SU-02-121818-B

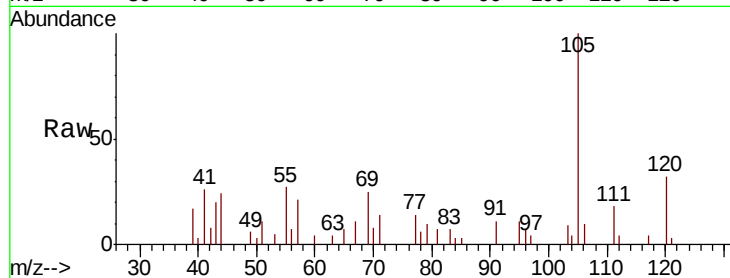
Tgt Ion: 77 Resp: 1319

Ion Ratio Lower Upper

77 100

105 708.0 81.4 121.4#

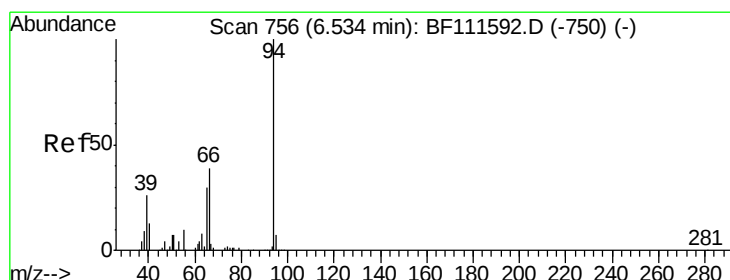
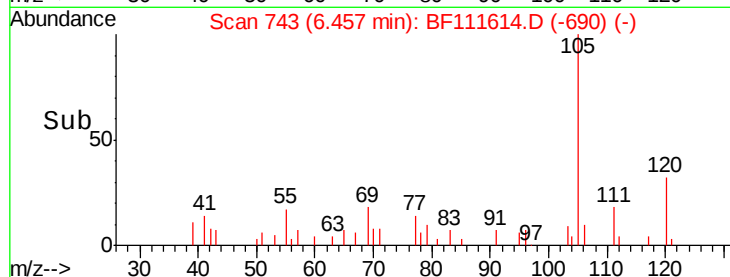
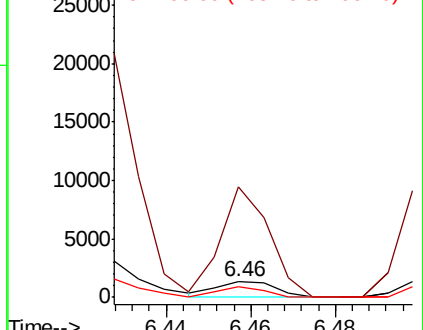
106 70.9 77.9 117.9#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 1.120 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

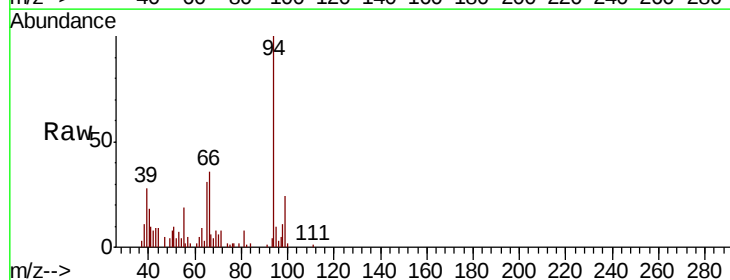
Tgt Ion: 94 Resp: 17708

Ion Ratio Lower Upper

94 100

65 30.9 11.7 51.7

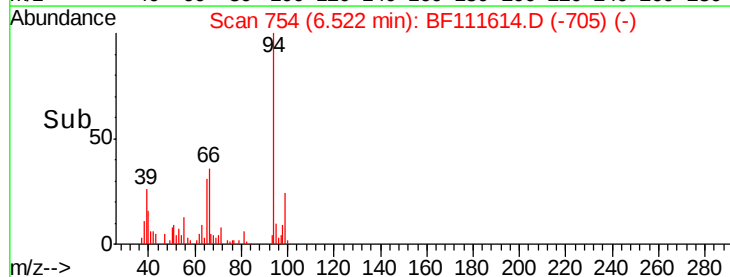
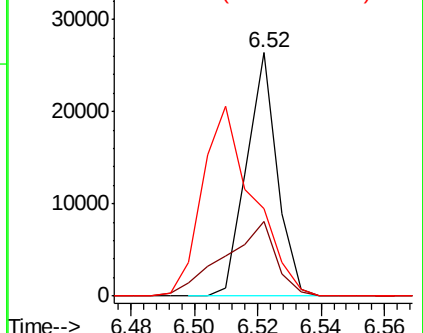
66 36.1 21.0 61.0

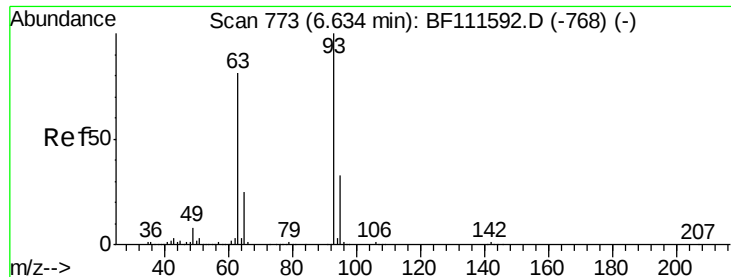


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

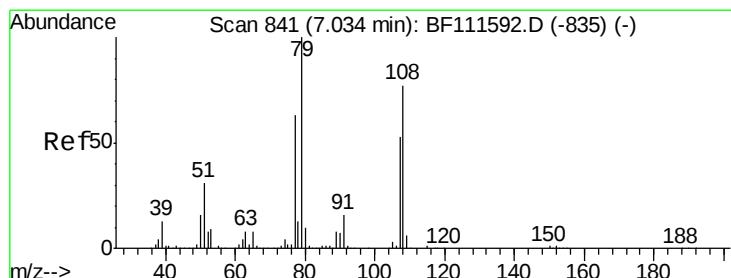
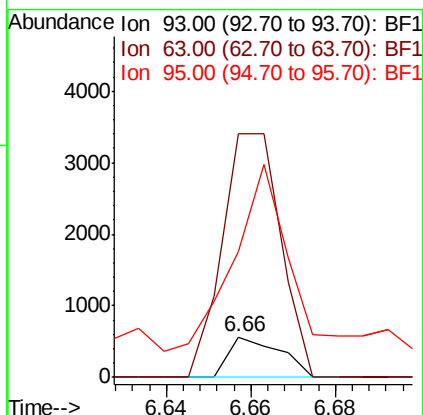
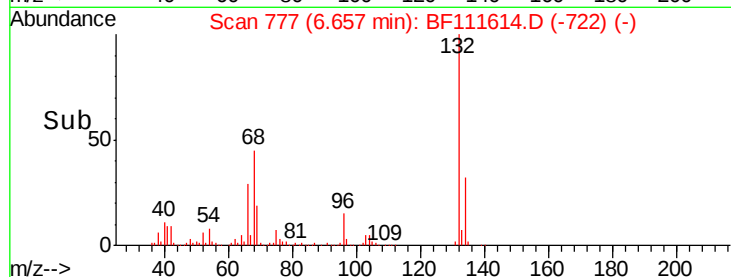
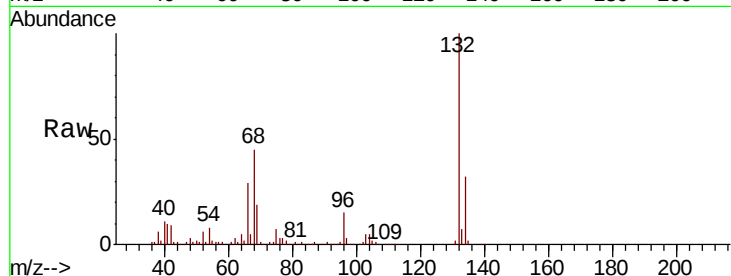




#11
bis(2-Chloroethyl)ether
Concen: 0.040 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.02 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

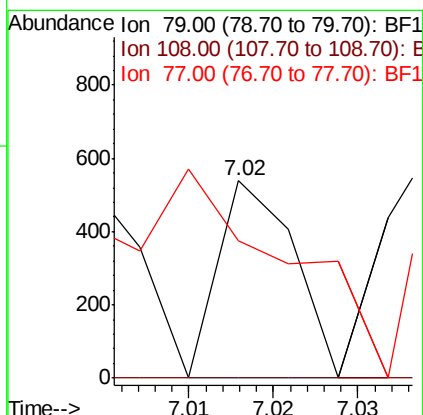
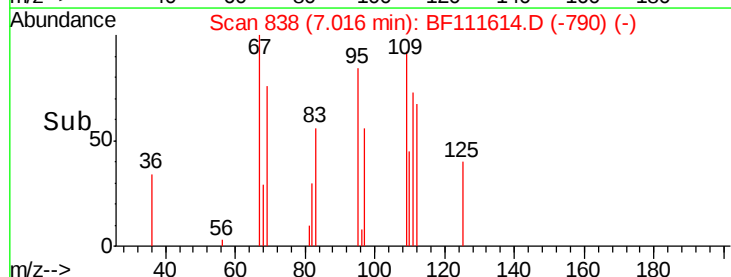
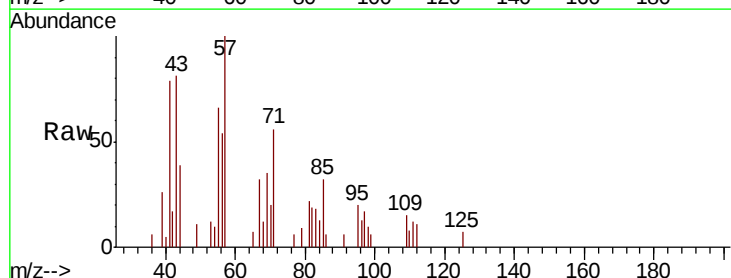
Instrument :
BNA_F
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SU-02-121818-B

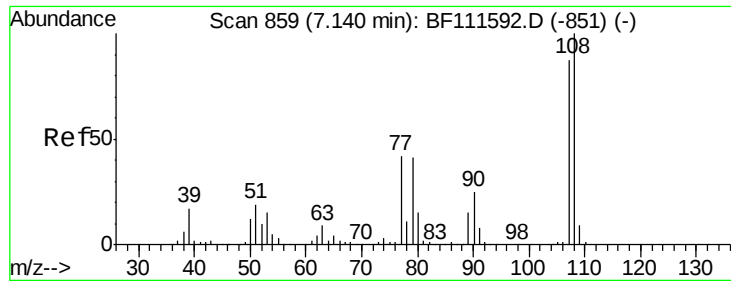
Tgt Ion: 93 Resp: 476
Ion Ratio Lower Upper
93 100
63 604.1 60.0 100.0#
95 314.0 13.4 53.4#



#15
Benzyl Alcohol
Concen: 0.030 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.02 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

Tgt Ion: 79 Resp: 334
Ion Ratio Lower Upper
79 100
108 0.0 69.4 104.2#
77 69.8 49.7 74.5

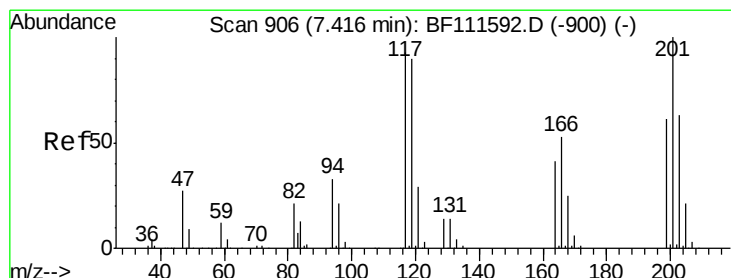
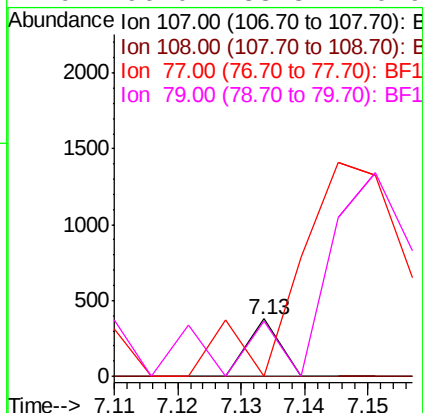
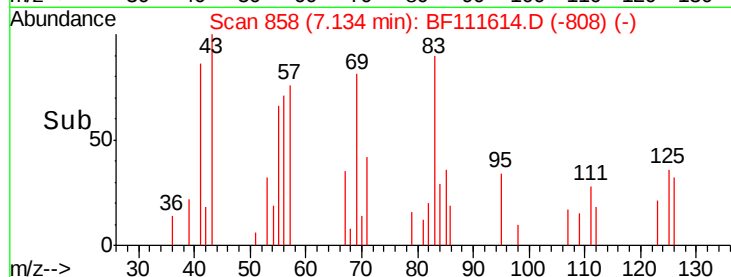
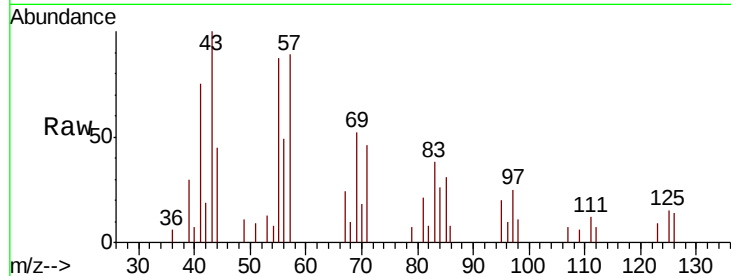




#17
2-Methylphenol
Concen: 0.014 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

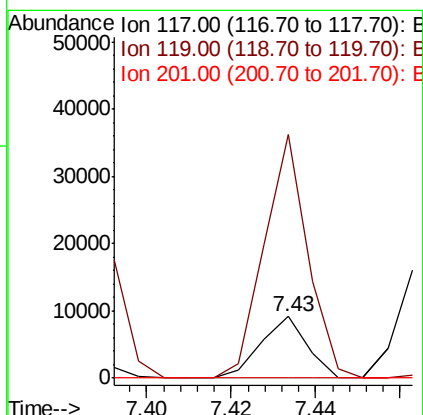
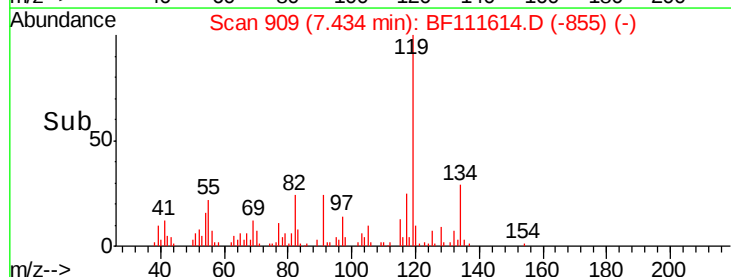
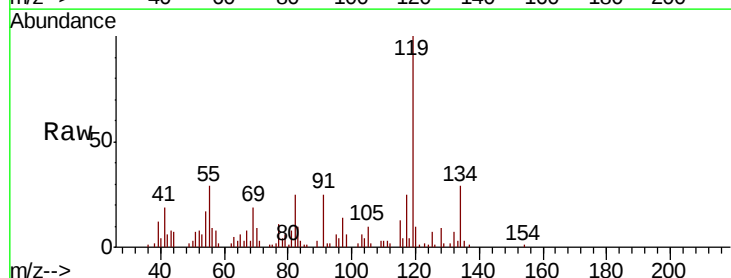
Instrument :
BNA_F
ClientSampleId :
SU-02-121818-B

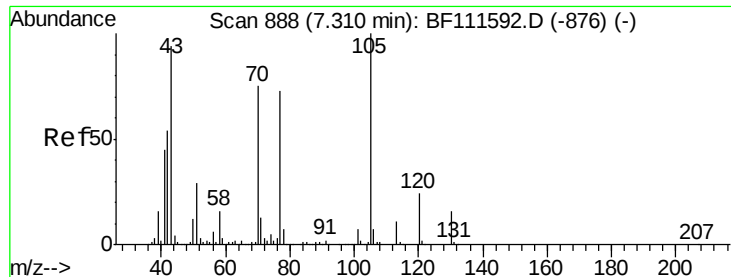
Tgt Ion	Ratio	Lower	Upper
107	100		
108	0.0	91.0	136.4#
77	0.0	33.5	50.3#
79	96.0	33.3	49.9#



#18
Hexachloroethane
Concen: 1.444 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.02 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	395.9	75.4	113.0#
201	0.0	62.4	93.6#

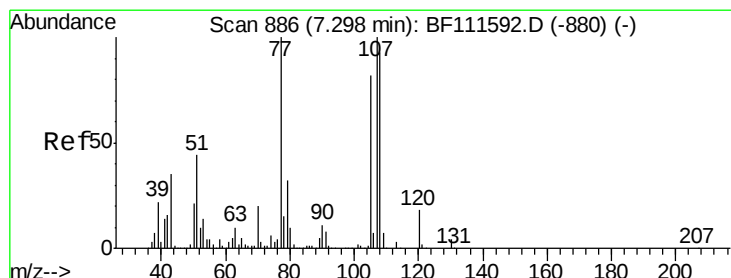
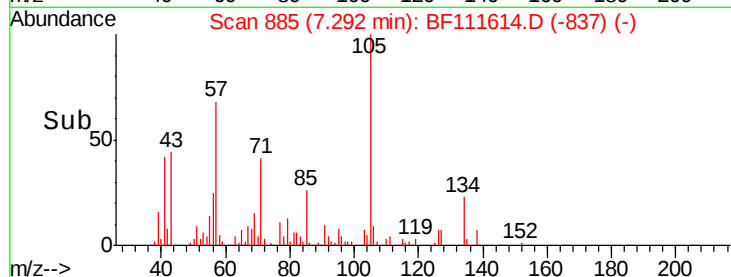
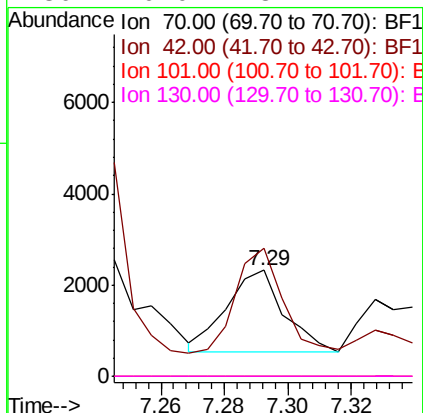
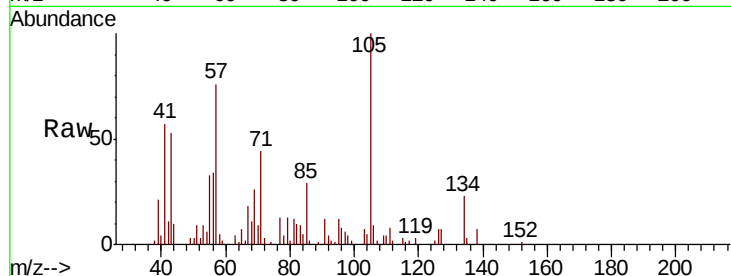




#19
n-Nitroso-di-n-propylamine
Concen: 0.238 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

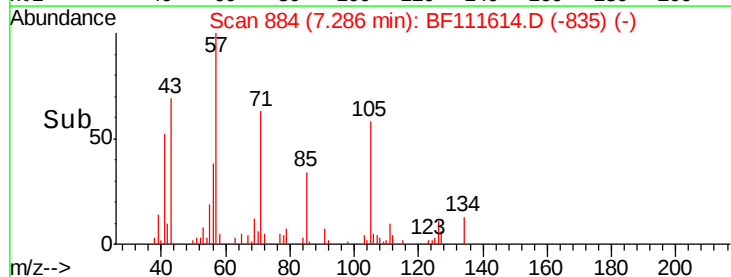
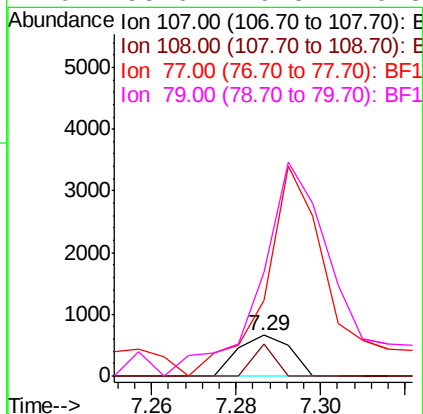
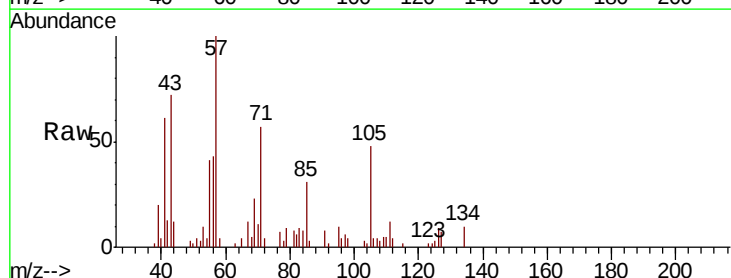
Instrument :
BNA_F
ClientSampleId :
SU-02-121818-B

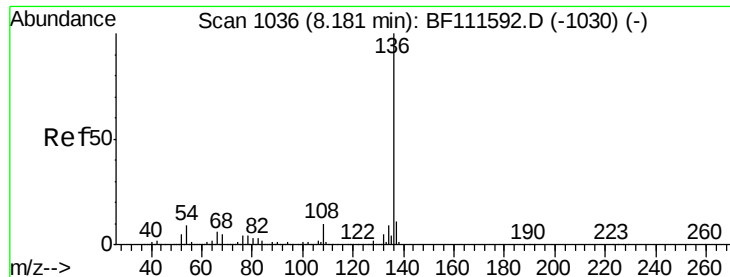
Tgt Ion: 70 Resp: 2211
Ion Ratio Lower Upper
70 100
42 121.2 53.2 79.8#
101 0.0 8.2 12.4#
130 0.0 18.1 27.1#



#20
3+4-Methylphenols
Concen: 0.046 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

Tgt Ion: 107 Resp: 568
Ion Ratio Lower Upper
107 100
108 78.7 72.1 112.1
77 185.6 94.1 134.1#
79 253.6 9.8 49.8#

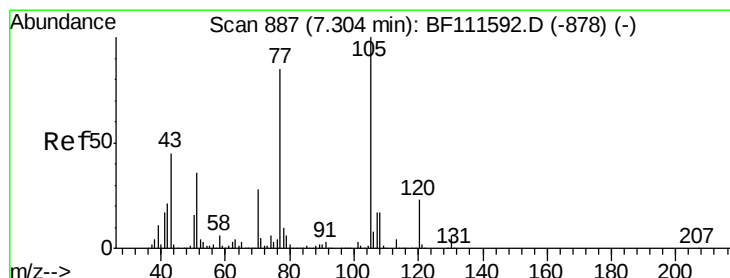
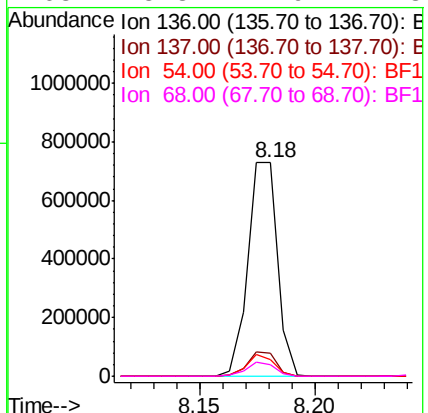
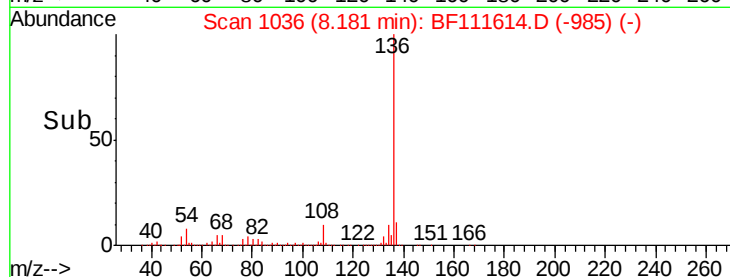
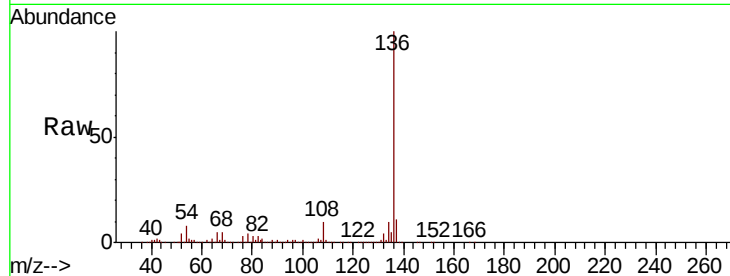




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

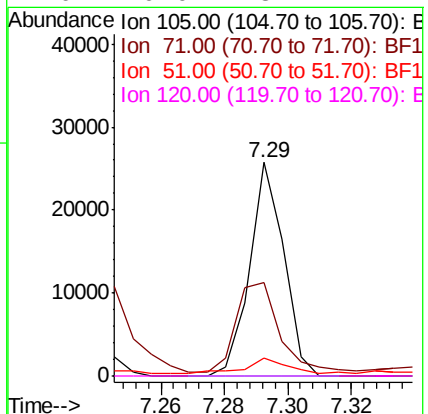
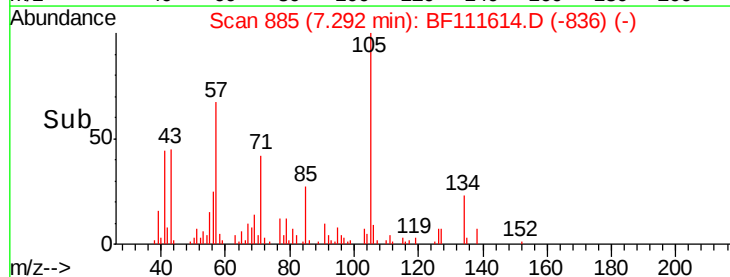
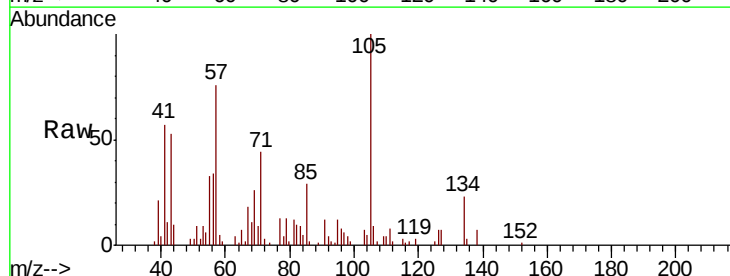
Instrument :
BNA_F
ClientSampleId :
SU-02-121818-B

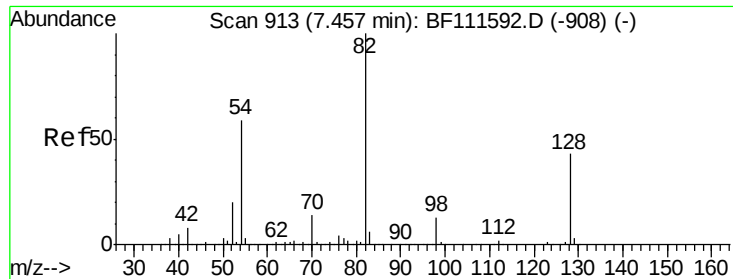
Tgt Ion:	136	Resp:	656071
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.1	7.7	11.5
68	5.3	4.9	7.3



#22
Acetophenone
Concen: 1.157 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

Tgt Ion:	105	Resp:	19236
Ion	Ratio	Lower	Upper
105	100		
71	44.0	3.1	4.7#
51	8.7	36.6	54.8#
120	0.0	18.2	27.4#

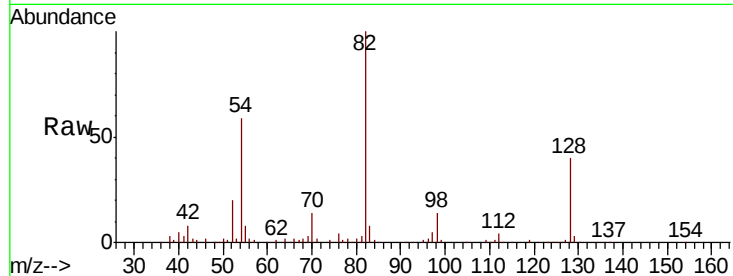




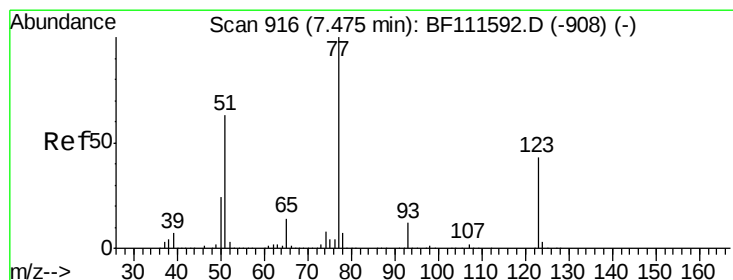
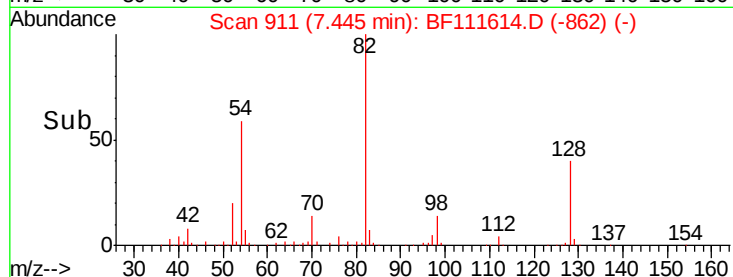
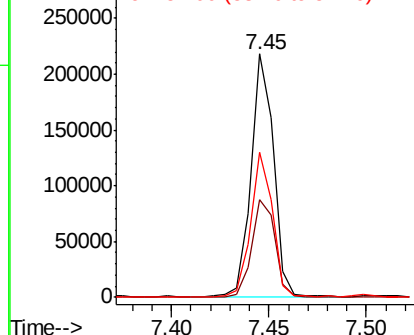
#23
Nitrobenzene-d5
Concen: 15.401 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-B

Tgt Ion: 82 Resp: 173593
Ion Ratio Lower Upper
82 100
128 40.1 37.4 56.2
54 59.5 47.6 71.4

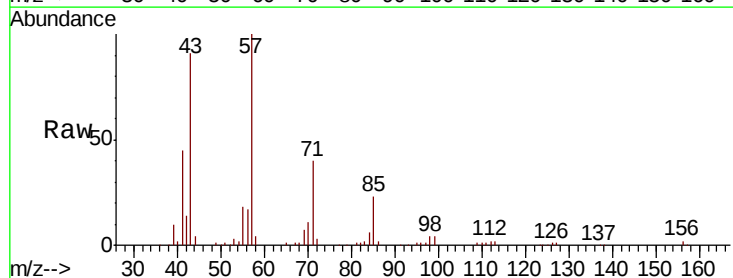


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

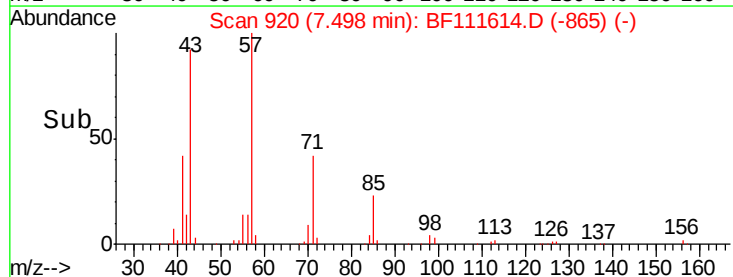
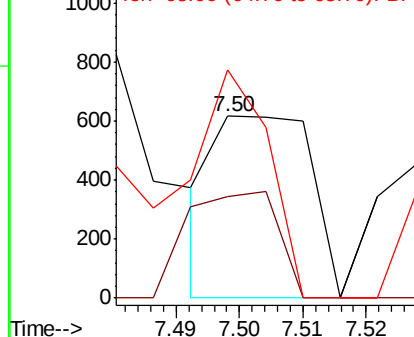


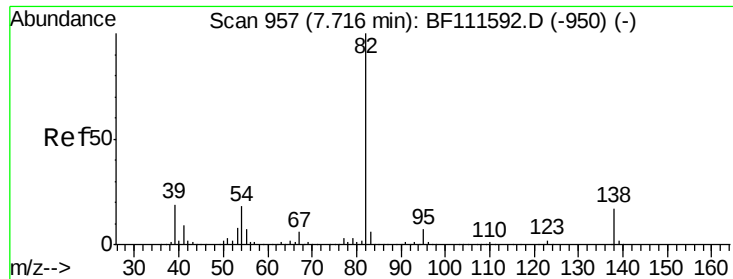
#24
Nitrobenzene
Concen: 0.055 ng
RT: 7.50 min Scan# 920
Delta R.T. 0.02 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

Tgt Ion: 77 Resp: 647
Ion Ratio Lower Upper
77 100
123 55.9 37.2 55.8#
65 125.4 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: 0.421 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.09 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

Instrument :

BNA_F

ClientSampleId :

SU-02-121818-B

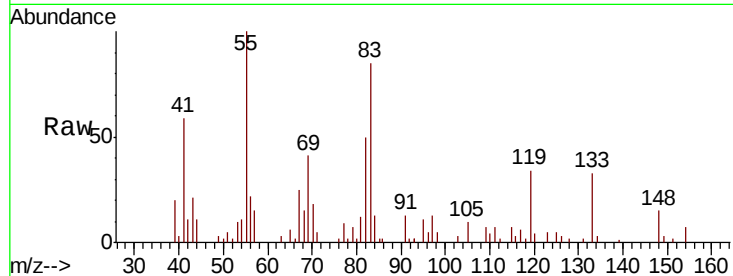
Tgt Ion: 82 Resp: 8429

Ion Ratio Lower Upper

82 100

95 20.9 5.4 8.2#

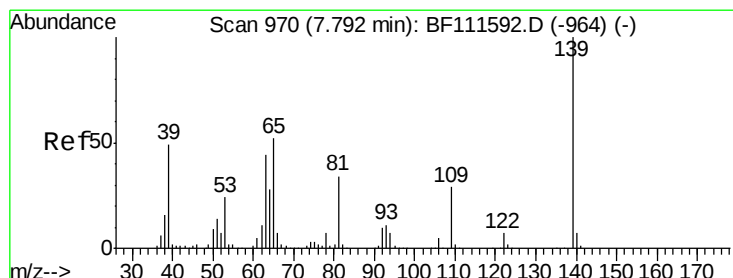
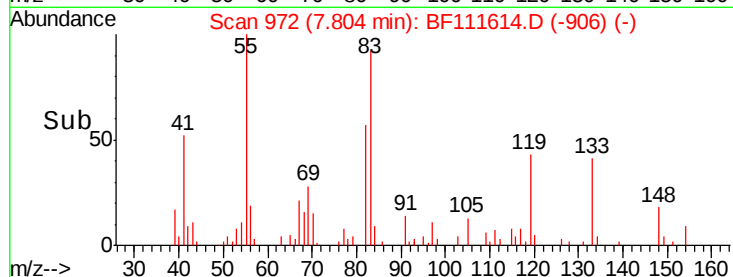
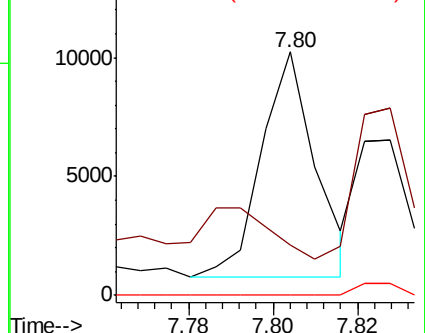
138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 0.080 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

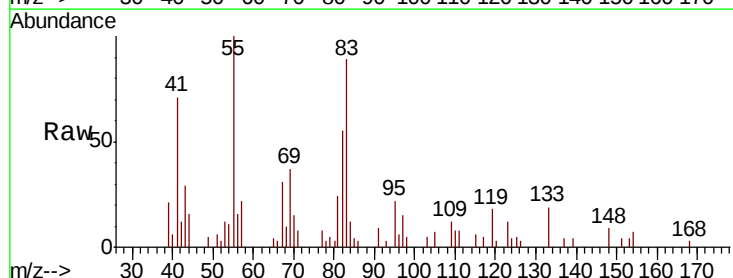
Tgt Ion: 139 Resp: 381

Ion Ratio Lower Upper

139 100

109 347.0 20.2 30.4#

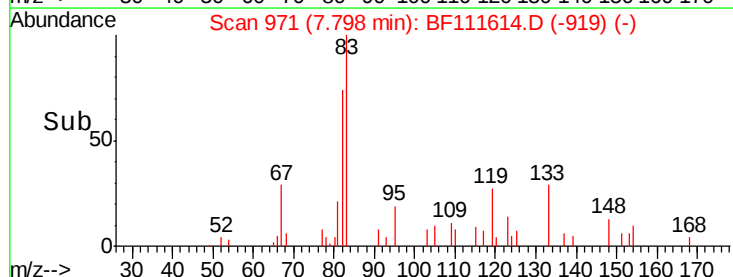
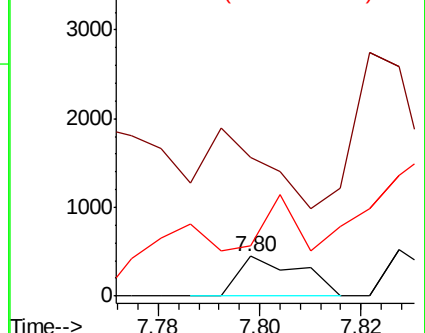
65 125.7 40.7 61.1#

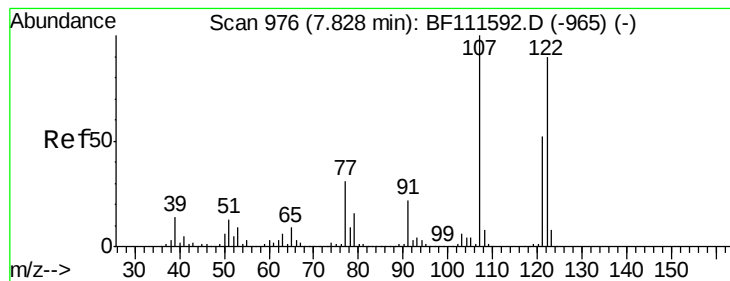


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 0.013 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

Instrument :

BNA_F

ClientSampleId :

SU-02-121818-B

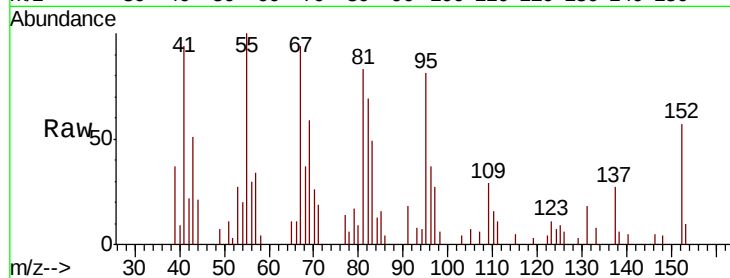
Tgt Ion: 122 Resp: 126

Ion Ratio Lower Upper

122 100

107 166.7 85.5 128.3#

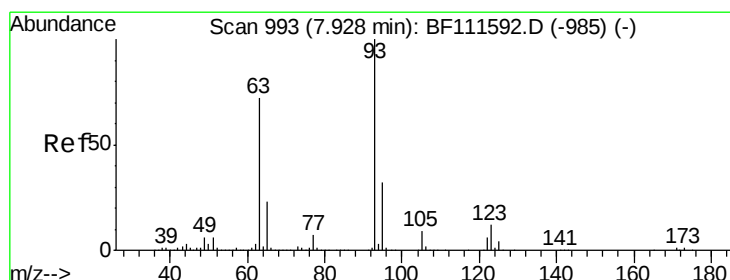
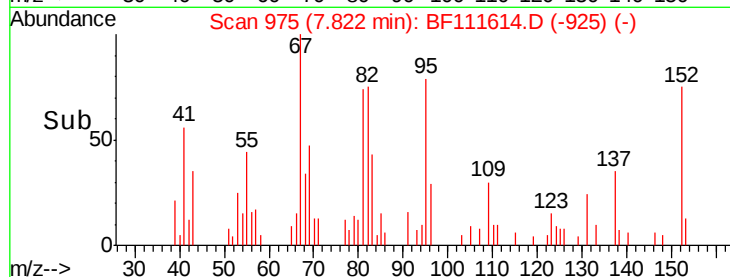
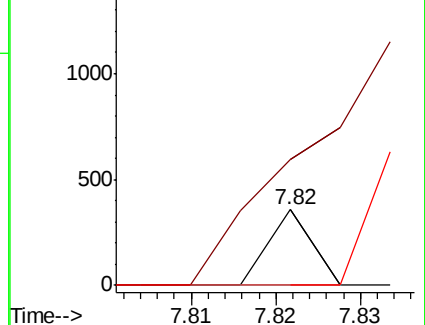
121 0.0 46.6 70.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 0.108 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

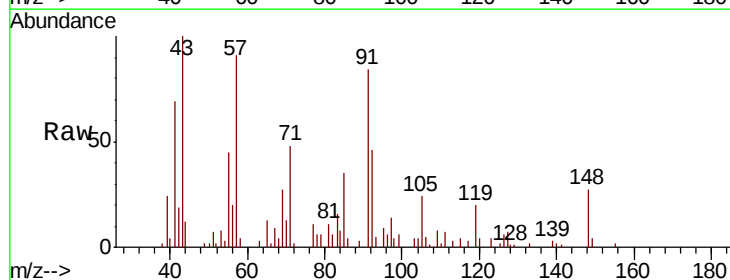
Tgt Ion: 93 Resp: 1438

Ion Ratio Lower Upper

93 100

95 194.7 27.1 40.7#

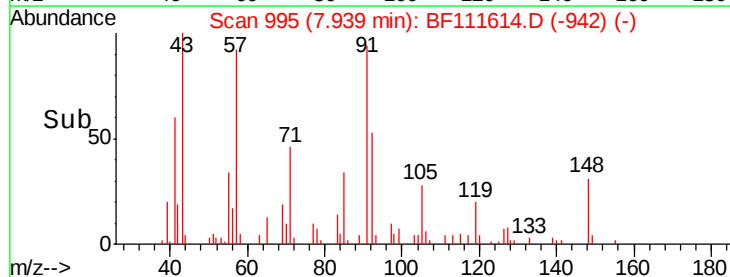
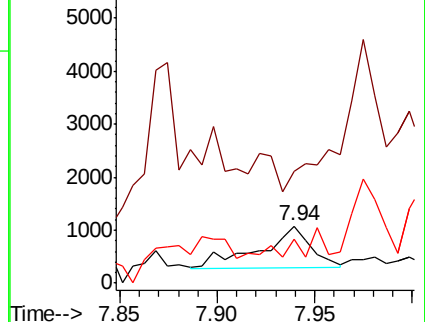
123 77.1 9.9 14.9#

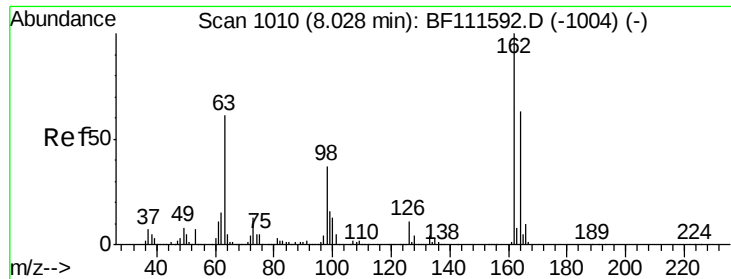


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

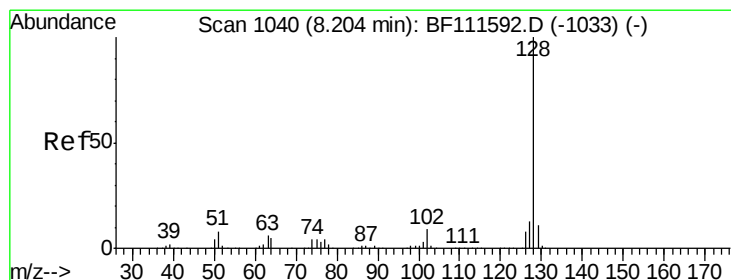
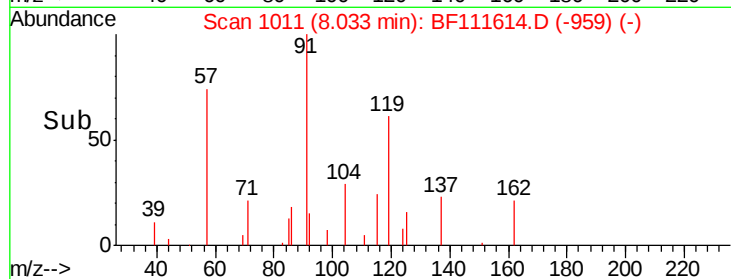
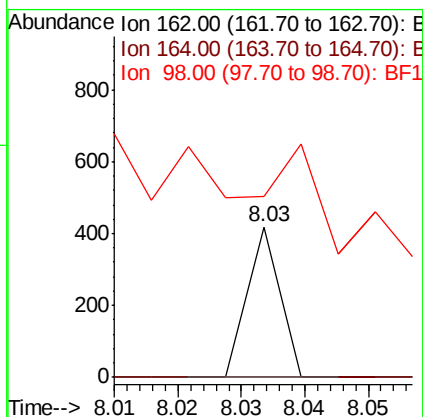
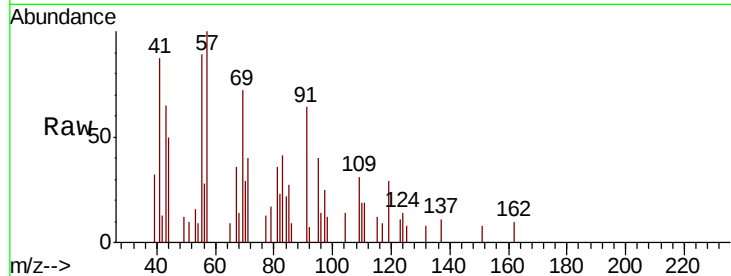




#29
2,4-Dichlorophenol
Concen: 0.014 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

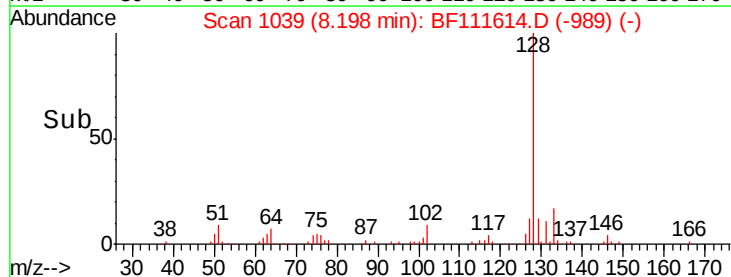
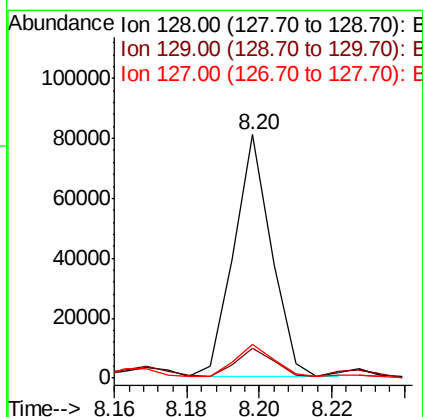
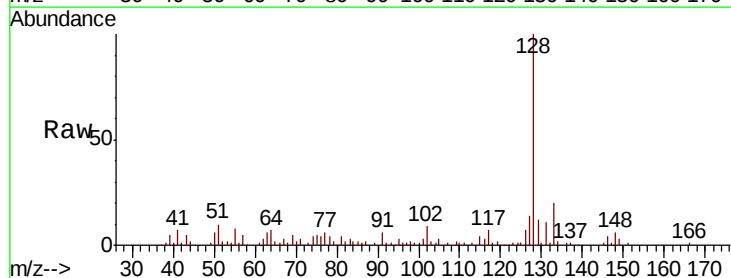
Instrument :
BNA_F
ClientSampleId :
SU-02-121818-B

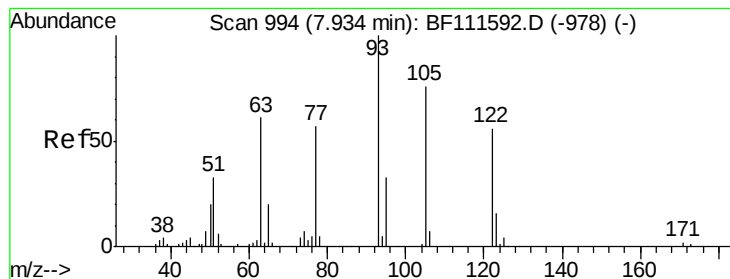
Tgt Ion:162 Resp: 147
Ion Ratio Lower Upper
162 100
164 0.0 44.4 84.4#
98 120.3 20.3 60.3#



#31
Naphthalene
Concen: 1.855 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

Tgt Ion:128 Resp: 58484
Ion Ratio Lower Upper
128 100
129 12.3 9.8 14.8
127 14.0 12.0 18.0





#32

Benzoic acid

Concen: 0.037 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.02 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

Instrument :

BNA_F

ClientSampleId :

SU-02-121818-B

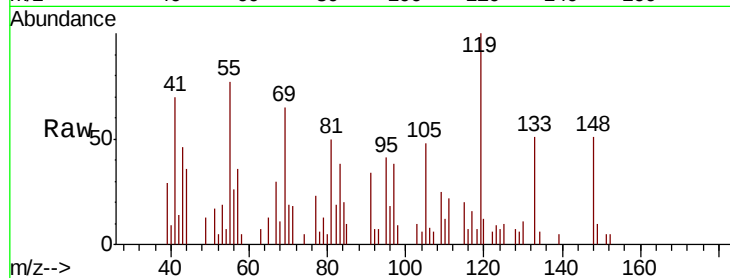
Tgt Ion:122 Resp: 232

Ion Ratio Lower Upper

122 100

105 854.3 97.0 137.0#

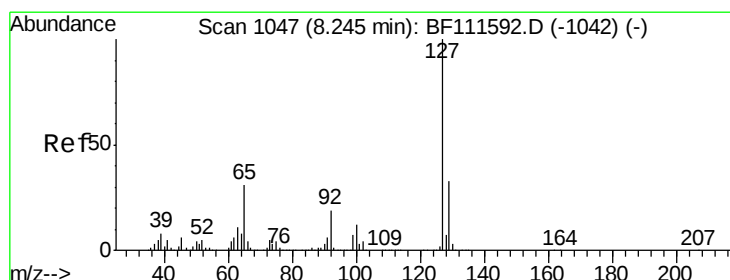
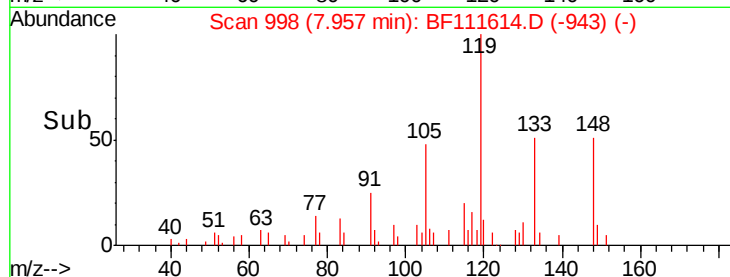
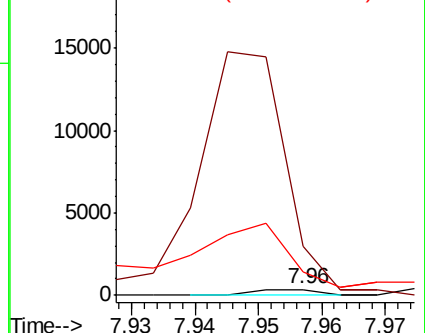
77 408.0 65.7 105.7#



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: 0.029 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.03 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

Tgt Ion:127 Resp: 398

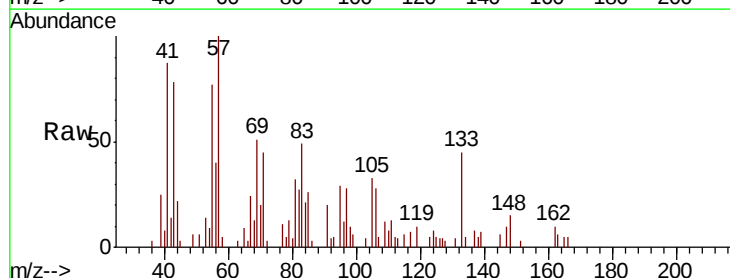
Ion Ratio Lower Upper

127 100

129 0.0 26.6 39.8#

65 222.3 25.7 38.5#

92 104.5 15.4 23.2#

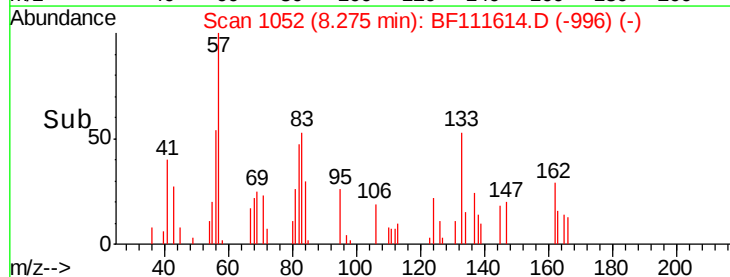
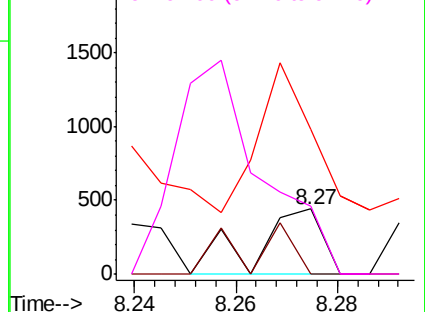


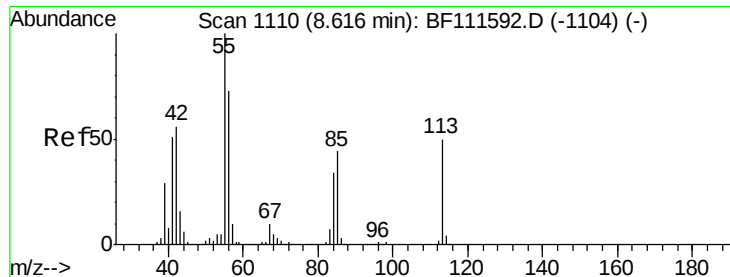
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#35

Caprolactam

Concen: 1.018 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

Instrument :

BNA_F

ClientSampleId :

SU-02-121818-B

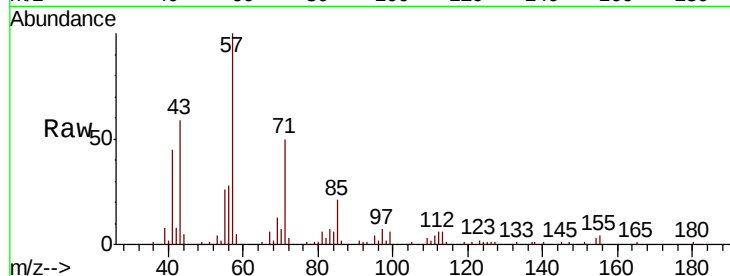
Tgt Ion:113 Resp: 3504

Ion Ratio Lower Upper

113 100

55 405.4 184.1 224.1#

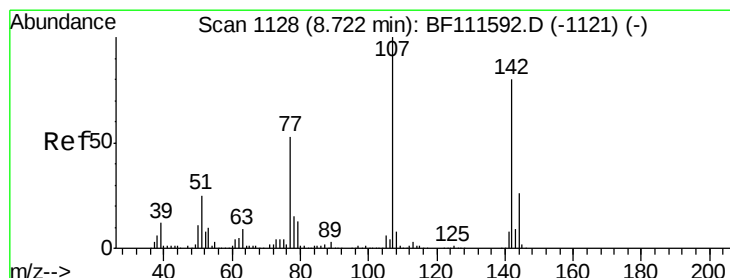
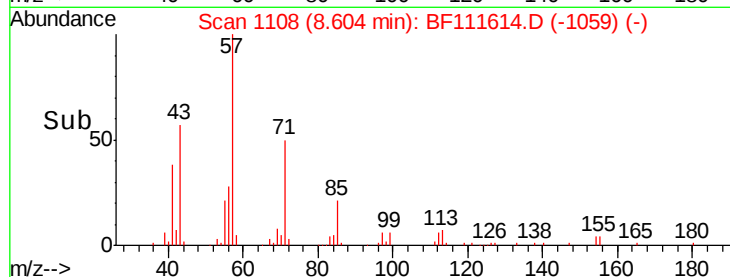
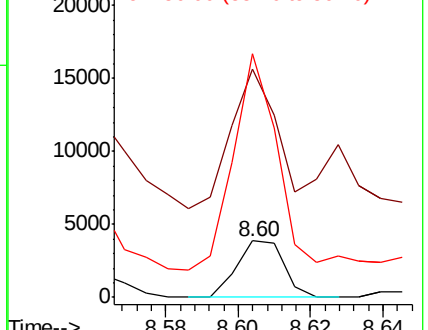
56 432.8 126.0 166.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 0.107 ng

RT: 8.73 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

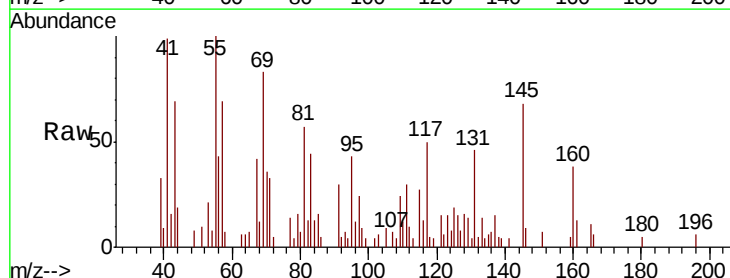
Tgt Ion:107 Resp: 1073

Ion Ratio Lower Upper

107 100

144 0.0 19.8 29.6#

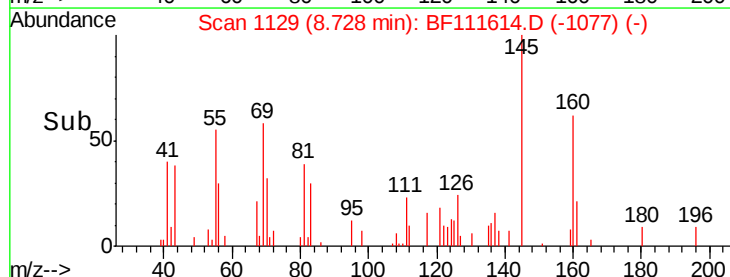
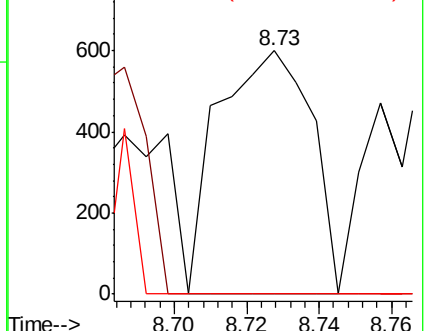
142 0.0 62.3 93.5#

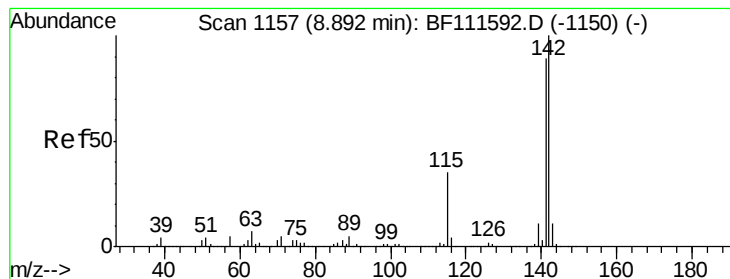


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 1.891 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

Instrument :

BNA_F

ClientSampleId :

SU-02-121818-B

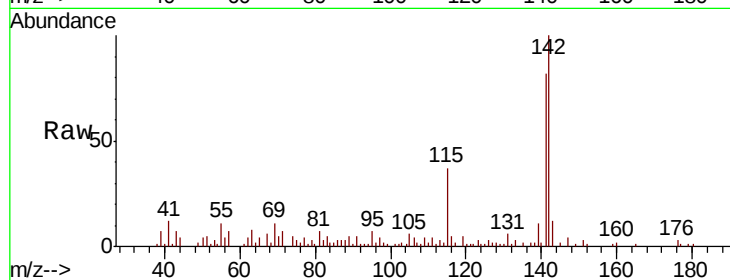
Tgt Ion:142 Resp: 38777

Ion Ratio Lower Upper

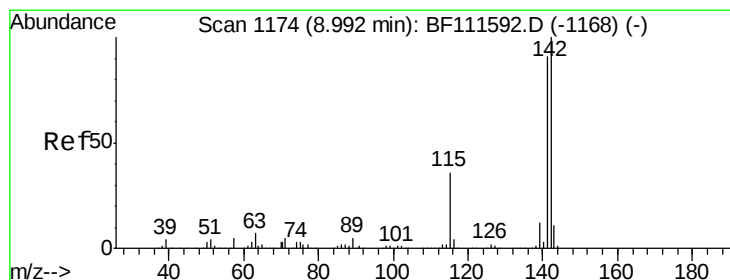
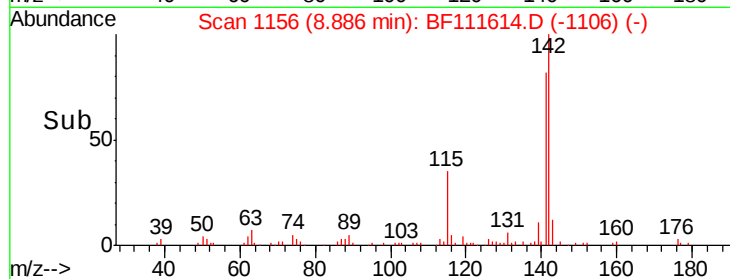
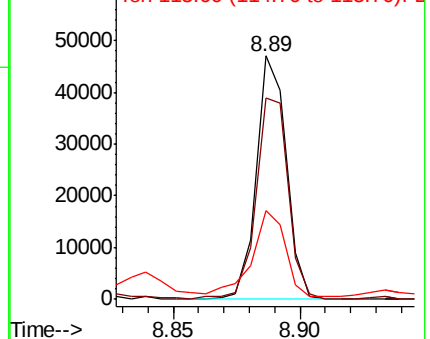
142 100

141 82.5 70.6 105.8

115 36.7 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: 1.209 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

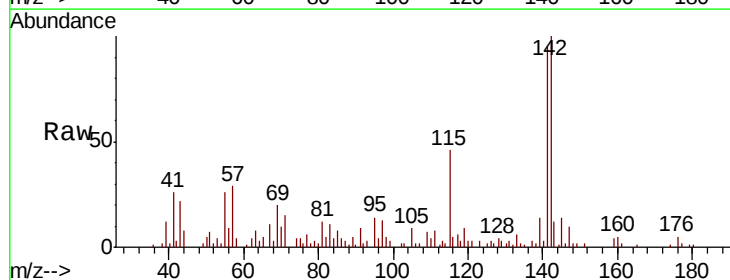
Tgt Ion:142 Resp: 23812

Ion Ratio Lower Upper

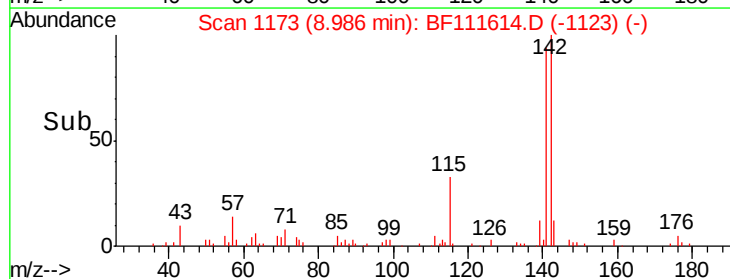
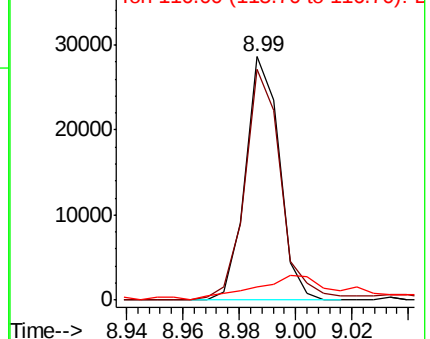
142 100

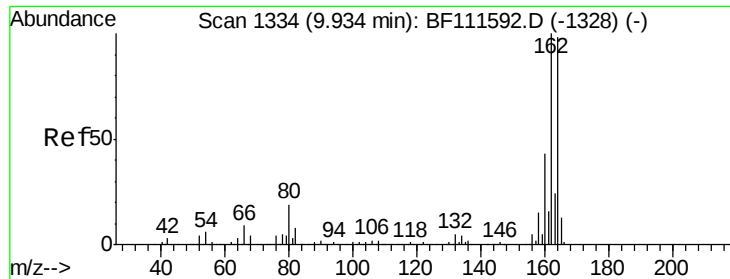
141 94.7 74.2 111.4

116 5.5 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

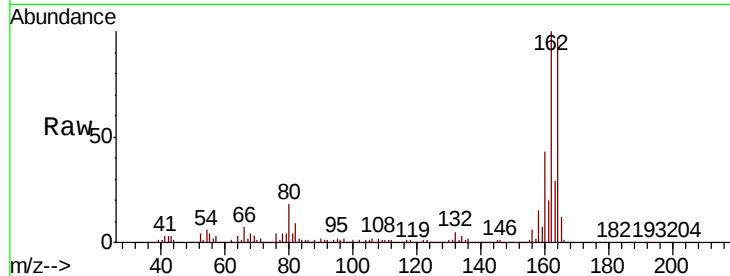




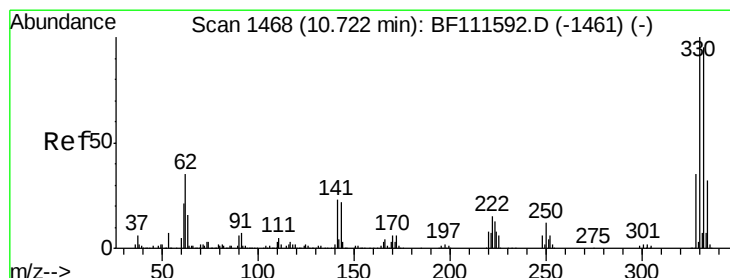
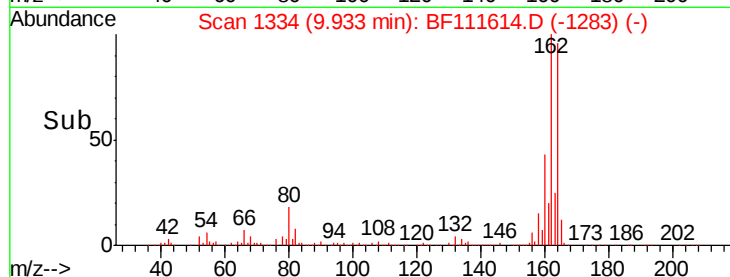
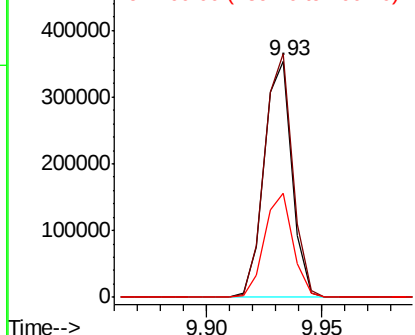
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF111614.D
 Acq: 20 Dec 2018 2:20

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-121818-B

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.4	122.0
160	44.3	35.7	53.5

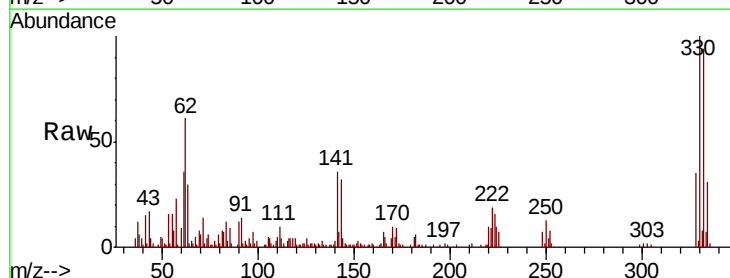


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

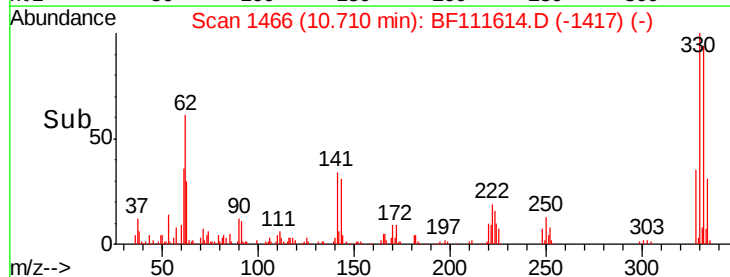
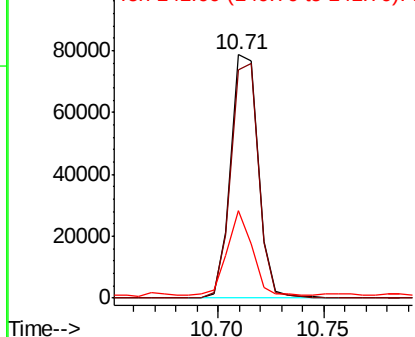


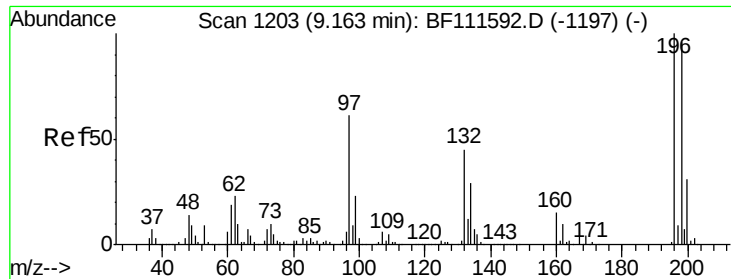
#42
 2,4,6-Tribromophenol
 Concen: 20.194 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF111614.D
 Acq: 20 Dec 2018 2:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.0	114.0
141	31.7	31.0	46.6



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

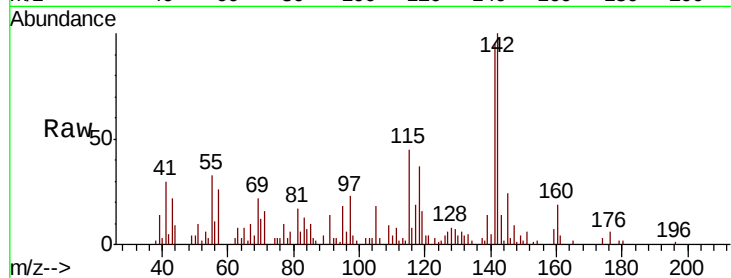




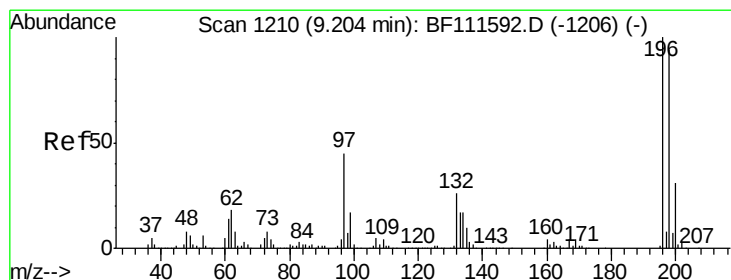
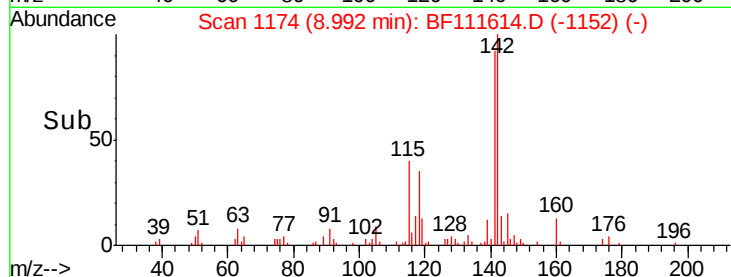
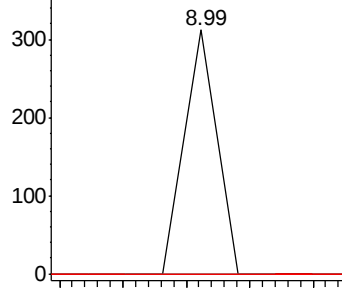
#43
 2,4,6-Trichlorophenol
 Concen: 0.017 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.17 min
 Lab File: BF111614.D
 Acq: 20 Dec 2018 2:20

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-121818-B

Tgt Ion:196 Resp: 110
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.3 114.5#
 200 0.0 24.9 37.3#

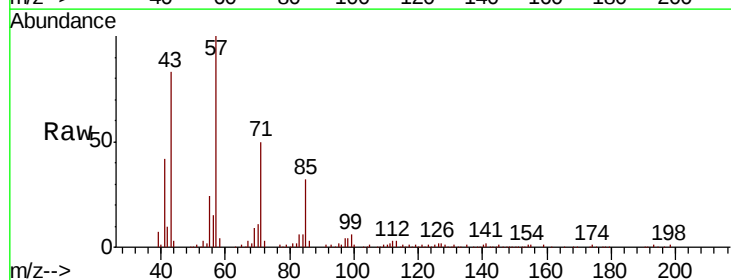


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

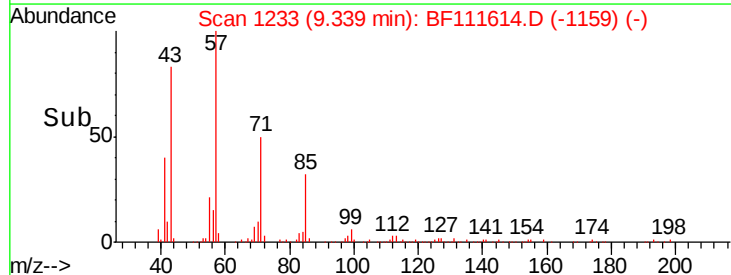
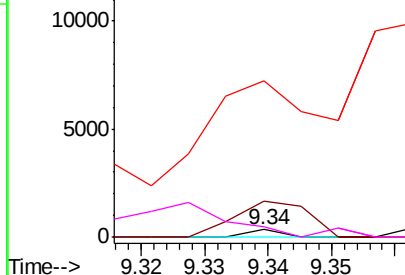


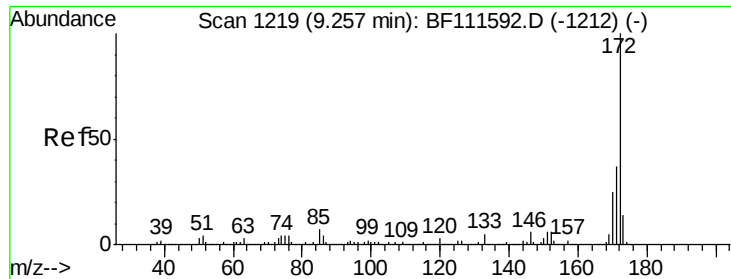
#44
 2,4,5-Trichlorophenol
 Concen: 0.018 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.14 min
 Lab File: BF111614.D
 Acq: 20 Dec 2018 2:20

Tgt Ion:196 Resp: 122
 Ion Ratio Lower Upper
 196 100
 198 488.7 72.9 109.3#
 97 2102.3 45.3 67.9#
 132 137.1 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

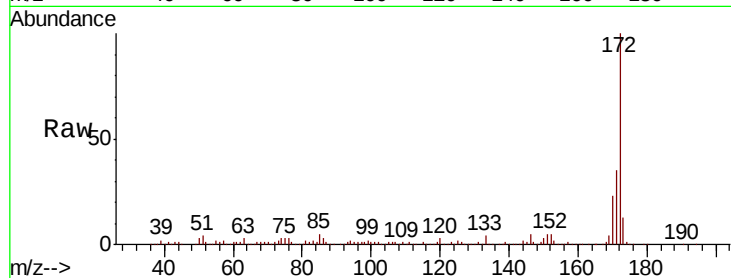




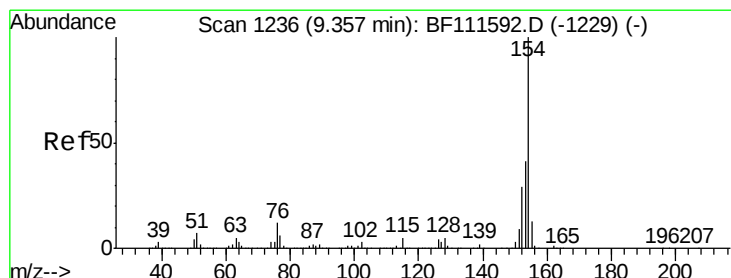
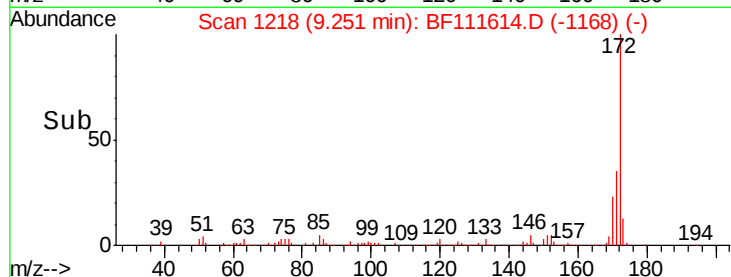
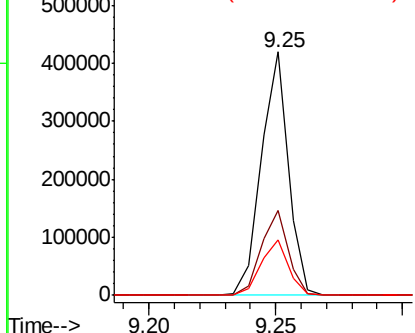
#45
2-Fluorobiphenyl
Concen: 15.397 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-B

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	33.0	49.4
170	23.0	22.3	33.5

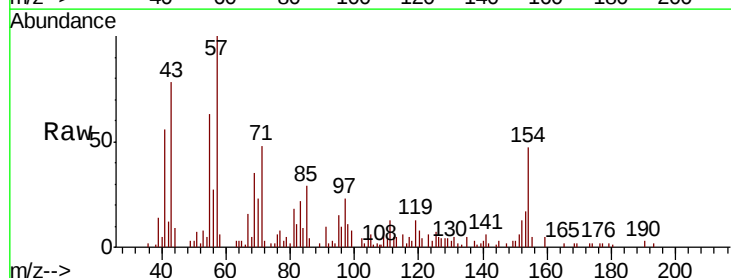


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

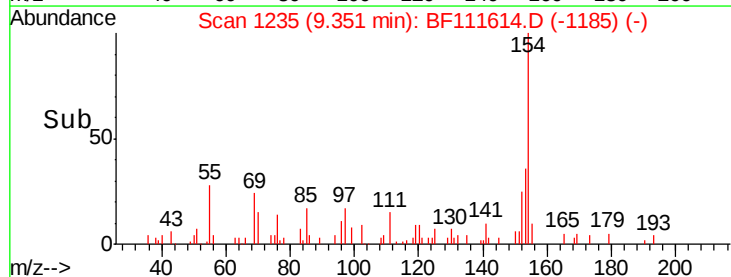
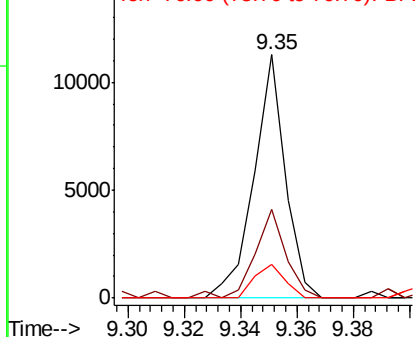


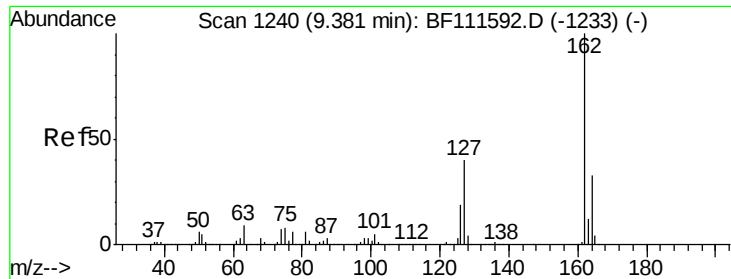
#46
1,1'-Biphenyl
Concen: 0.347 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	36.5	23.7	63.7
76	13.6	0.0	35.0



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





#47

2-Chloronaphthalene

Concen: 0.006 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

Instrument :

BNA_F

ClientSampleId :

SU-02-121818-B

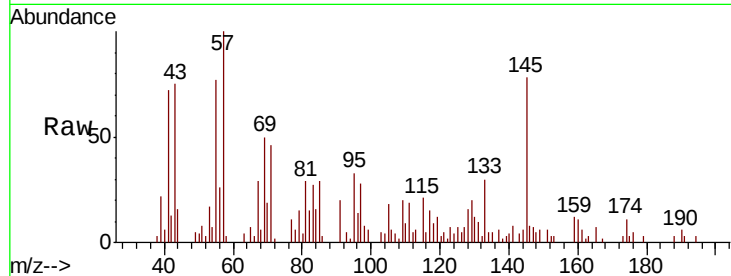
Tgt Ion: 162 Resp: 113

Ion Ratio Lower Upper

162 100

127 267.9 35.0 52.4#

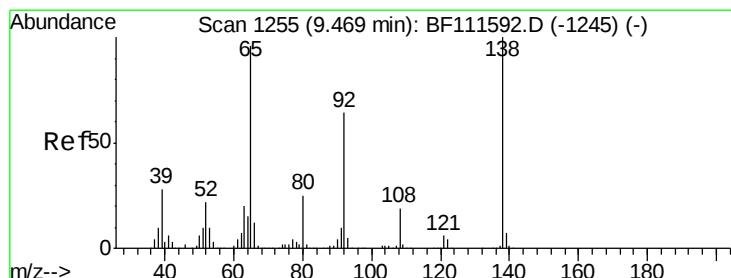
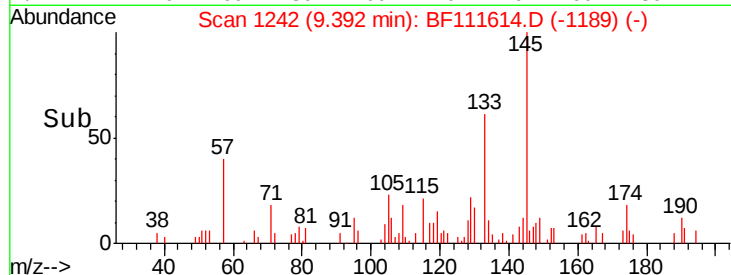
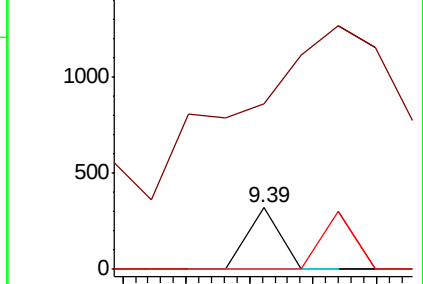
164 0.0 28.4 42.6#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 0.058 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

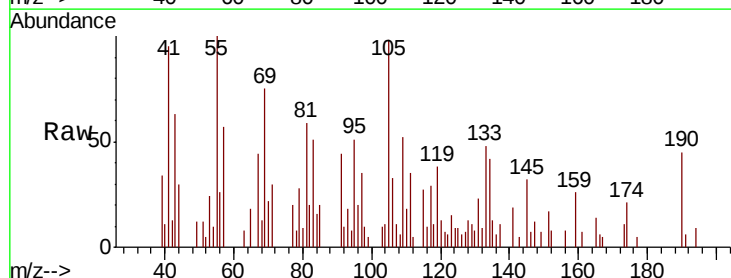
Tgt Ion: 65 Resp: 300

Ion Ratio Lower Upper

65 100

92 57.1 53.5 80.3

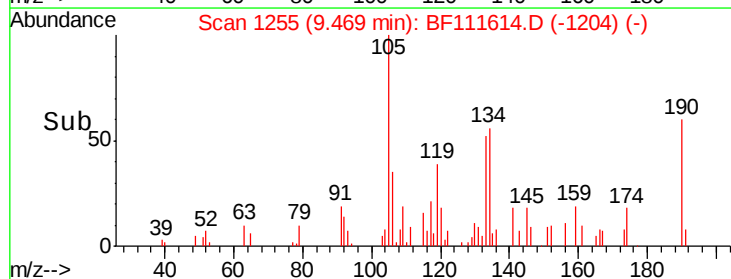
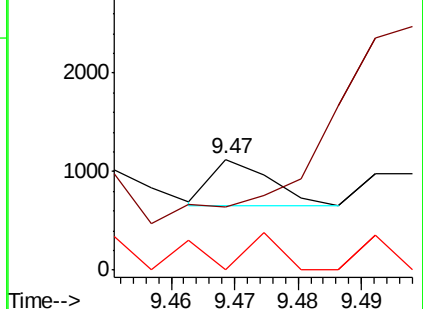
138 0.0 80.9 121.3#

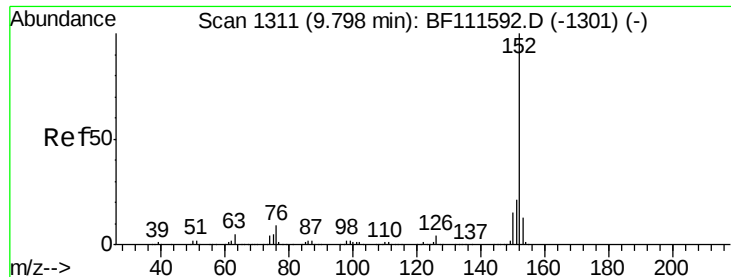


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.671 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

Instrument :

BNA_F

ClientSampleId :

SU-02-121818-B

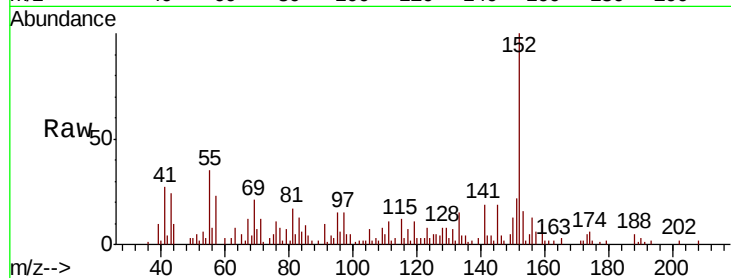
Tgt Ion:152 Resp: 19451

Ion Ratio Lower Upper

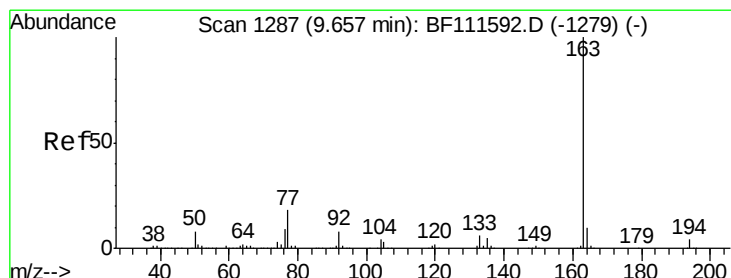
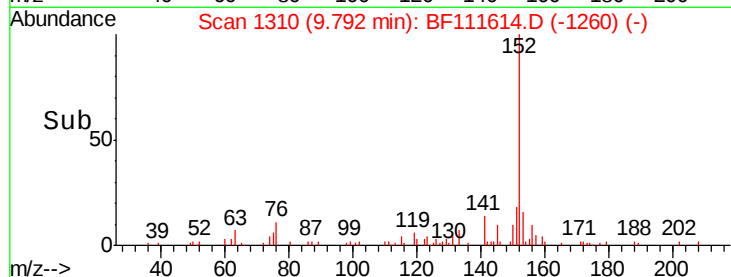
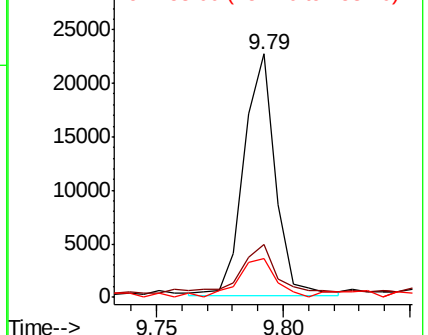
152 100

151 21.5 18.0 27.0

153 15.9 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: 1.301 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

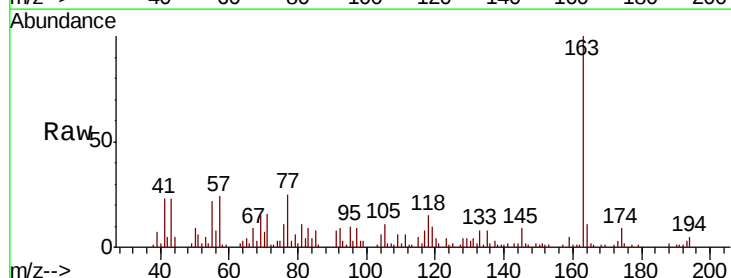
Tgt Ion:163 Resp: 28256

Ion Ratio Lower Upper

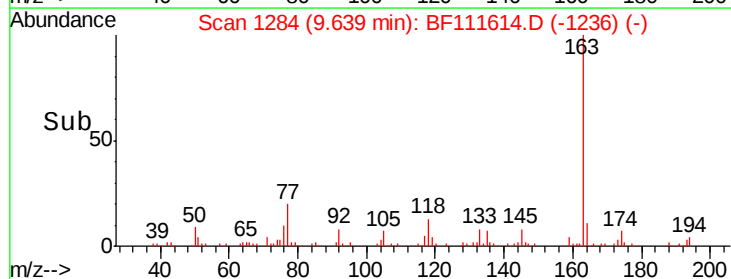
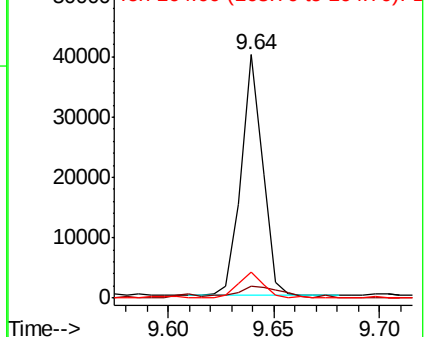
163 100

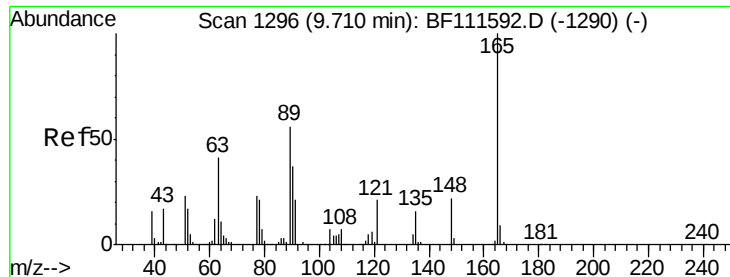
194 5.0 3.0 4.6#

164 10.6 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: 9.785 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.22 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

Instrument :

BNA_F

ClientSampleId :

SU-02-121818-B

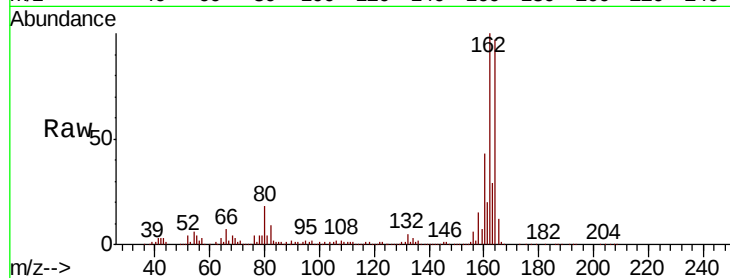
Tgt Ion:165 Resp: 42362

Ion Ratio Lower Upper

165 100

63 2.2 40.5 60.7#

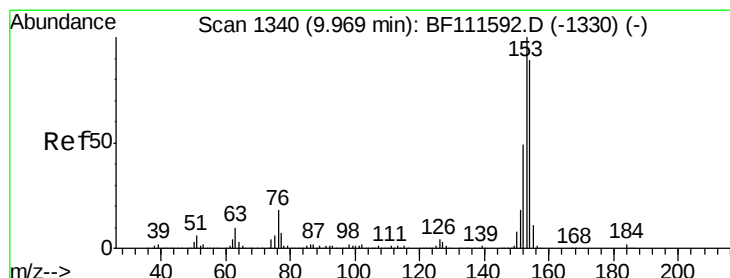
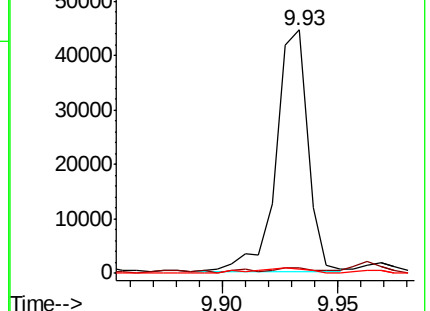
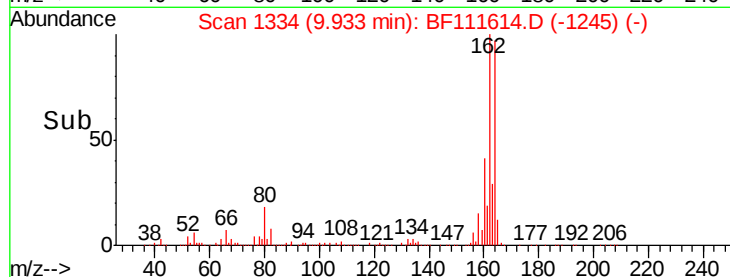
89 1.7 40.0 60.0#



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: 0.730 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

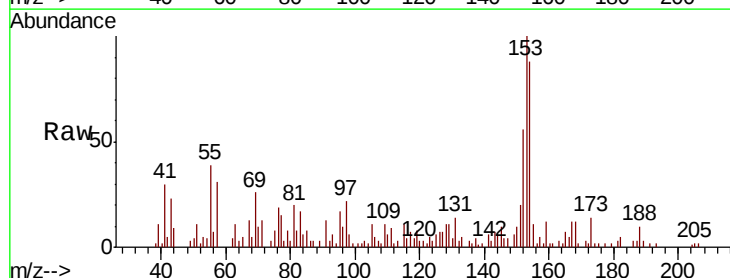
Tgt Ion:154 Resp: 13051

Ion Ratio Lower Upper

154 100

153 114.1 87.8 131.8

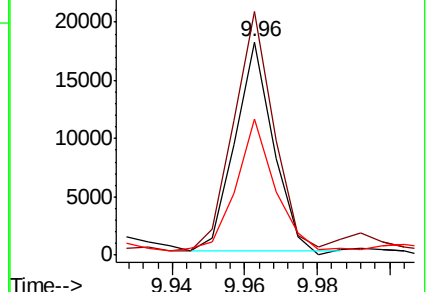
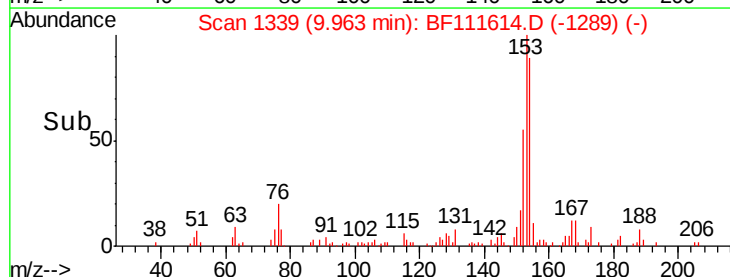
152 63.9 43.4 65.2

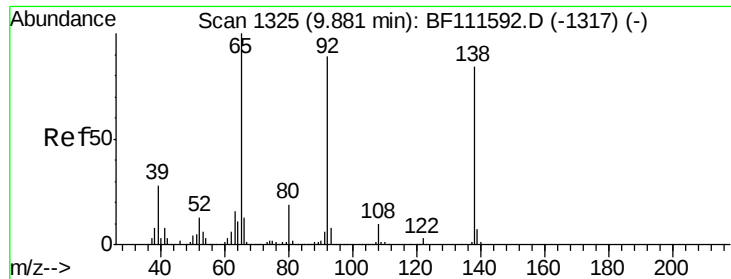


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

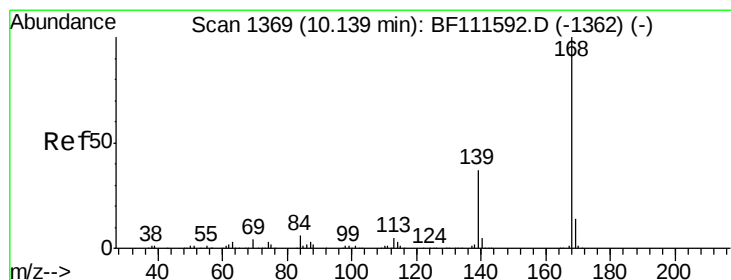
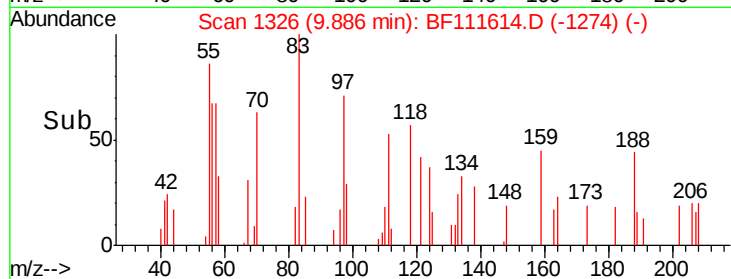
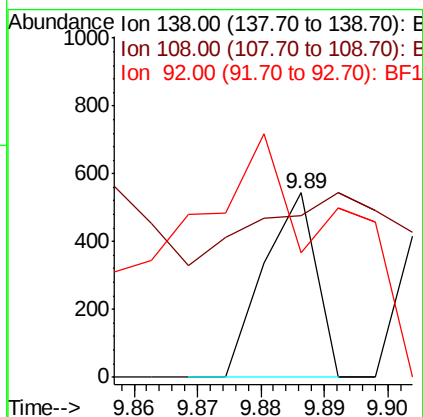
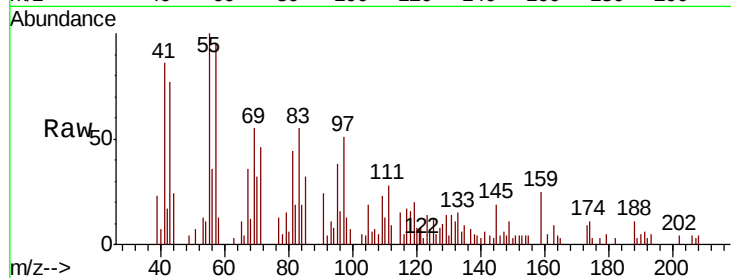




#53
3-Nitroaniline
Concen: 0.067 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

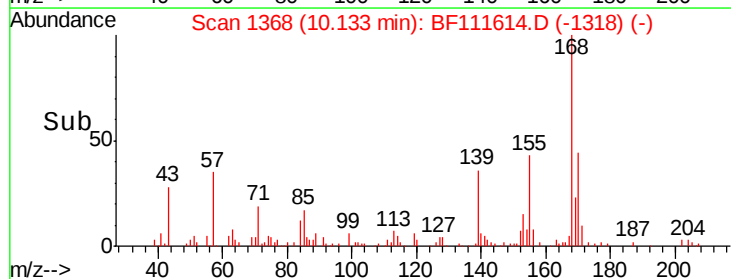
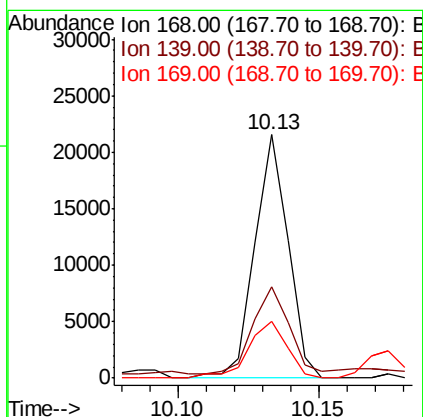
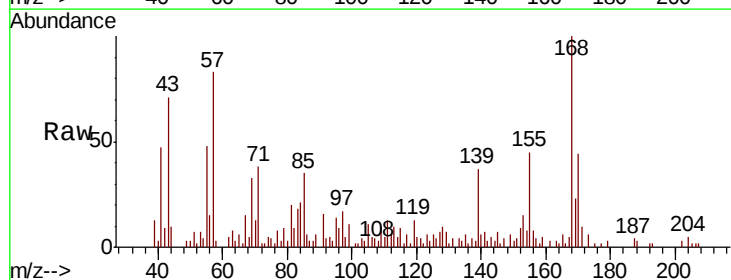
Instrument :
BNA_F
ClientSampleId :
SU-02-121818-B

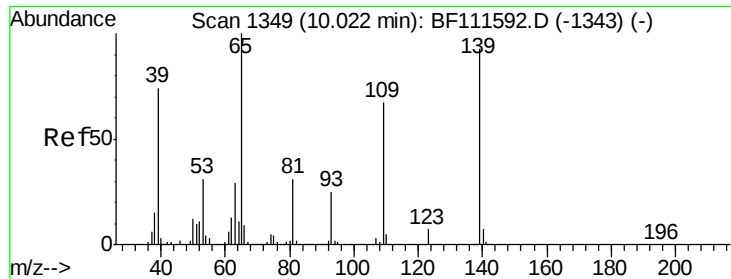
Tgt Ion:138 Resp: 311
Ion Ratio Lower Upper
138 100
108 87.5 8.2 12.4#
92 67.4 93.4 140.2#



#55
Dibenzofuran
Concen: 0.655 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

Tgt Ion:168 Resp: 17692
Ion Ratio Lower Upper
168 100
139 37.3 32.6 49.0
169 23.2 11.8 17.6#

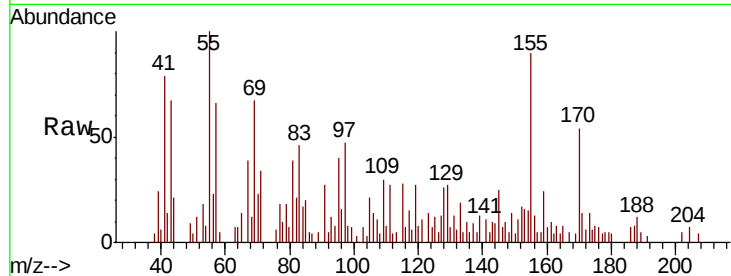




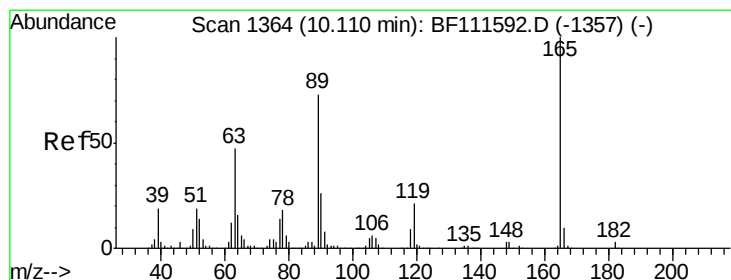
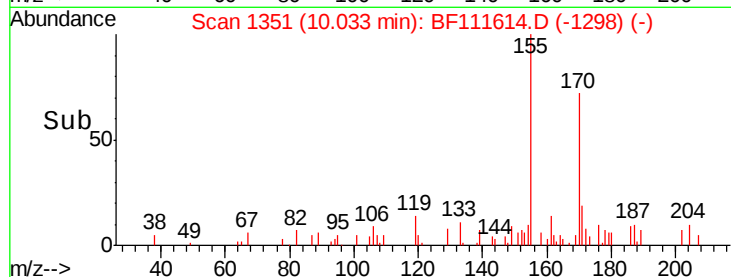
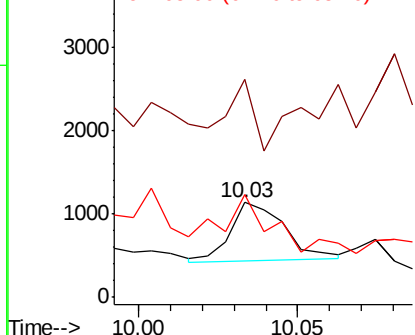
#56
4-Nitrophenol
Concen: 0.239 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-B

Tgt Ion:139 Resp: 842
Ion Ratio Lower Upper
139 100
109 230.1 41.8 81.8#
65 108.8 79.6 119.6

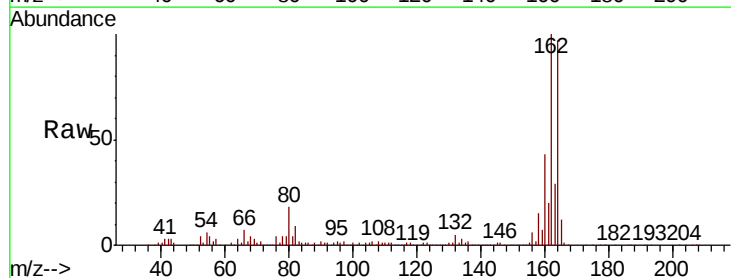


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

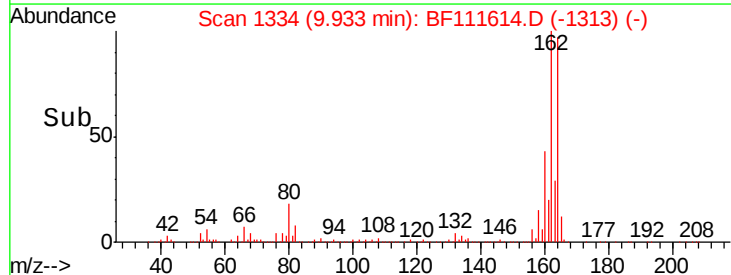
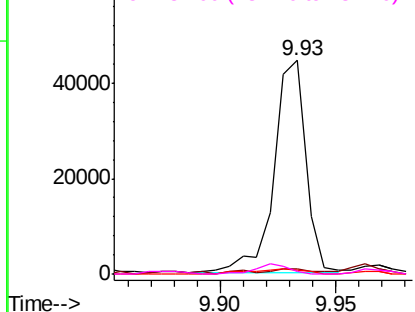


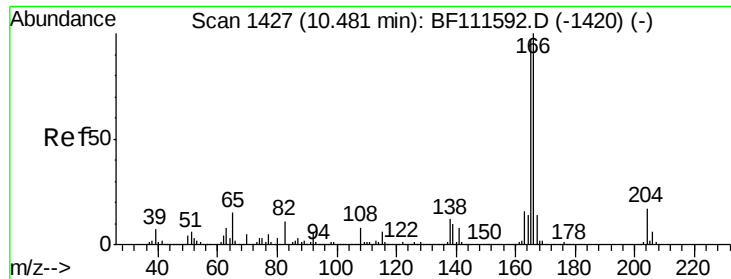
#57
2,4-Dinitrotoluene
Concen: 8.141 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

Tgt Ion:165 Resp: 42362
Ion Ratio Lower Upper
165 100
63 2.2 34.6 52.0#
89 1.7 56.2 84.4#
182 1.0 1.8 2.6#



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





#58

Fluorene

Concen: 1.440 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

Instrument :

BNA_F

ClientSampleId :

SU-02-121818-B

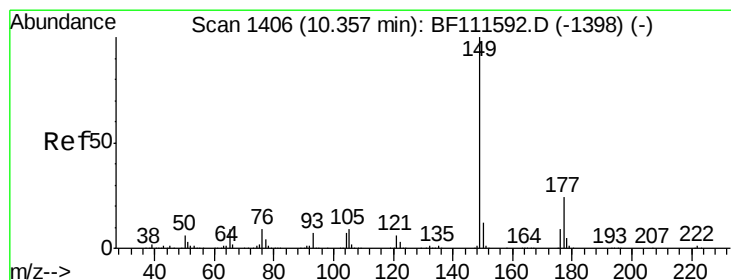
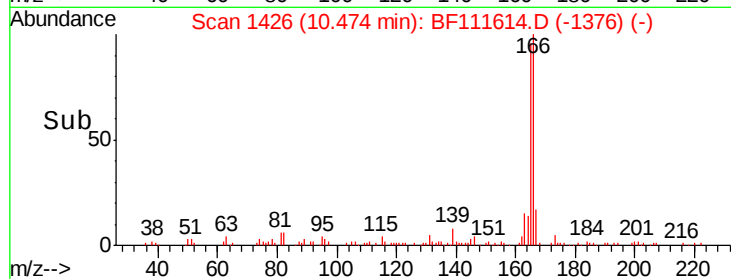
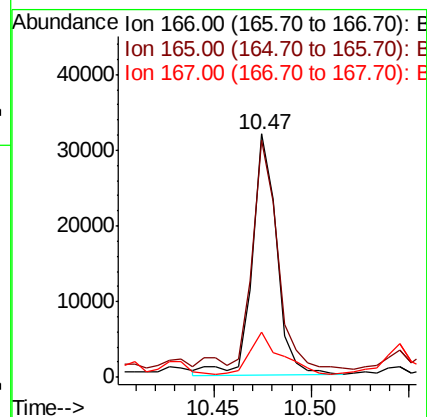
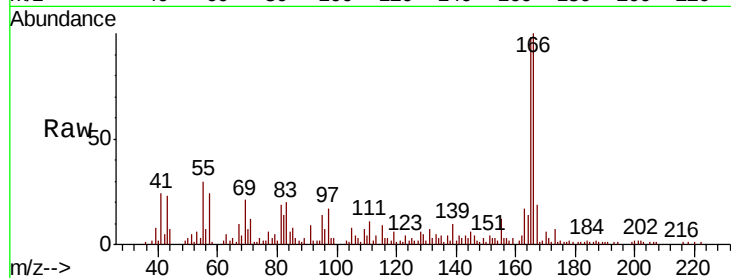
Tgt Ion:166 Resp: 28037

Ion Ratio Lower Upper

166 100

165 97.7 78.4 117.6

167 18.7 11.2 16.8#



#60

Diethylphthalate

Concen: 0.094 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

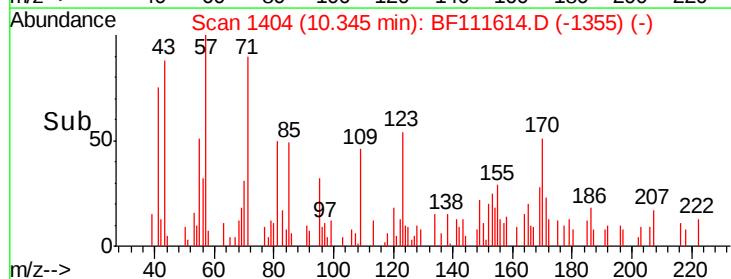
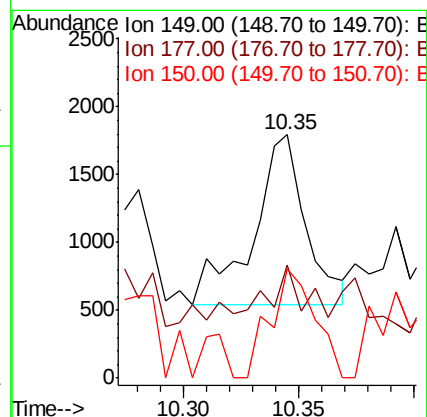
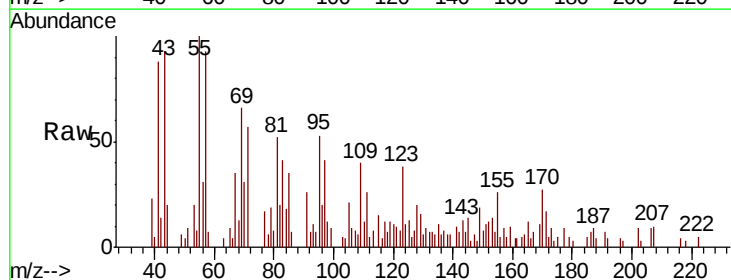
Tgt Ion:149 Resp: 2006

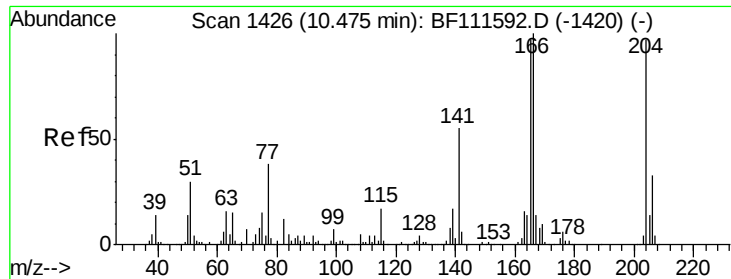
Ion Ratio Lower Upper

149 100

177 46.3 18.3 27.5#

150 44.8 10.6 15.8#

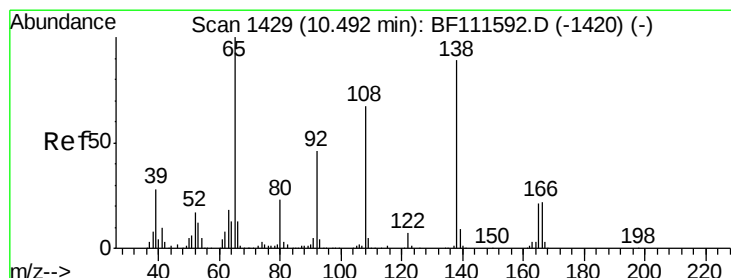
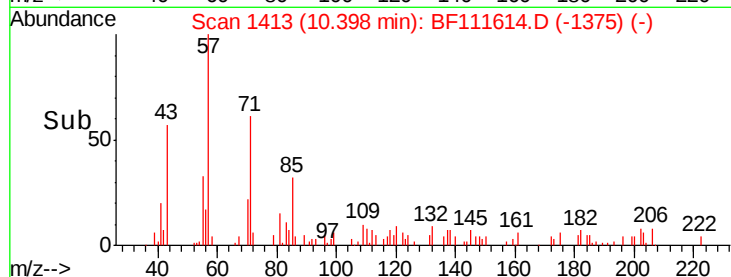
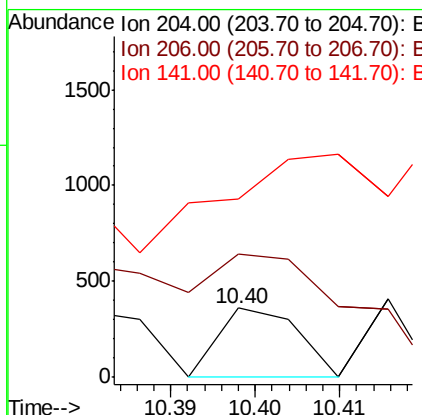
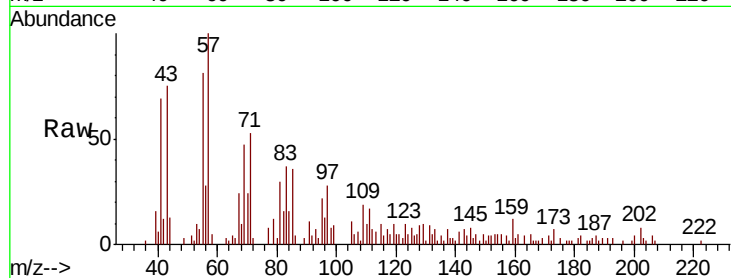




#61
4-Chlorophenyl-phenylether
Concen: 0.022 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.08 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

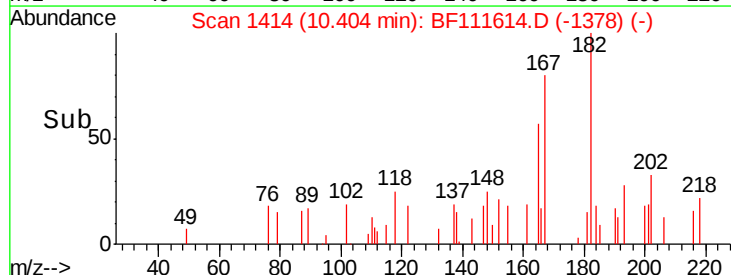
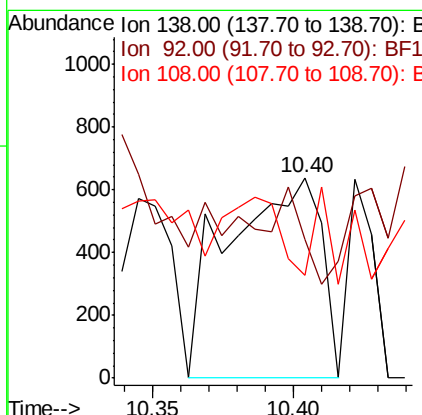
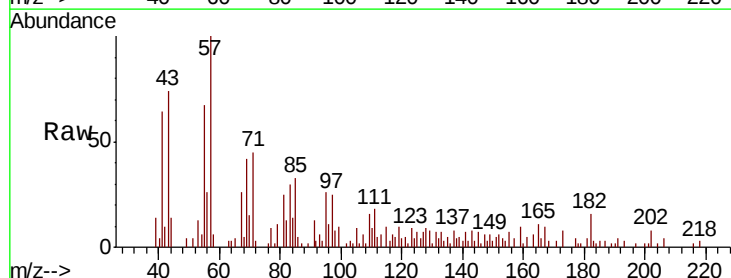
Instrument :
BNA_F
ClientSampleId :
SU-02-121818-B

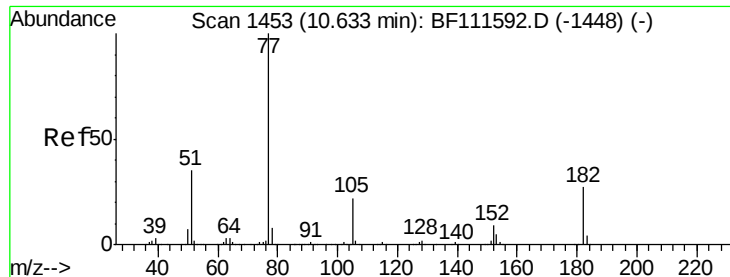
Tgt Ion: 204 Resp: 234
Ion Ratio Lower Upper
204 100
206 178.4 26.6 39.8#
141 257.1 52.6 78.8#



#62
4-Nitroaniline
Concen: 0.324 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.09 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

Tgt Ion: 138 Resp: 1453
Ion Ratio Lower Upper
138 100
92 69.0 29.9 69.9
108 51.6 43.2 83.2





#63

Azobenzene

Concen: 0.048 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

Instrument :

BNA_F

ClientSampleId :

SU-02-121818-B

Tgt Ion: 77 Resp: 1017

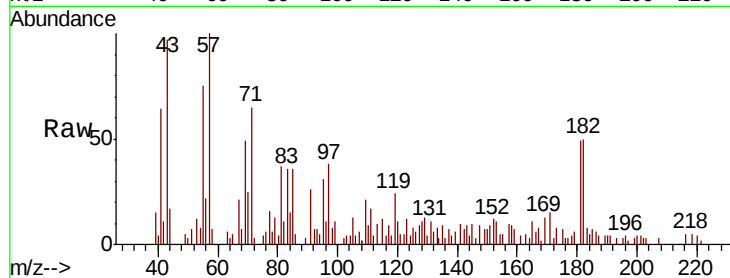
Ion Ratio Lower Upper

77 100

182 310.3 4.9 44.9#

105 81.4 6.0 46.0#

51 43.9 14.7 54.7

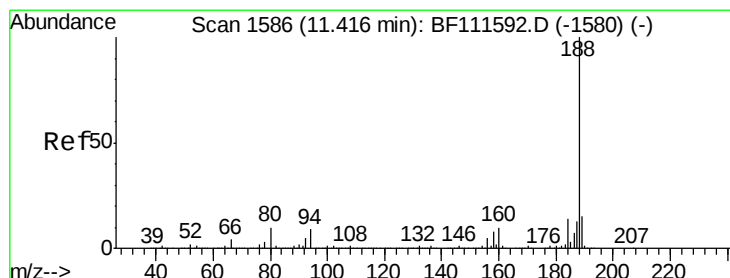
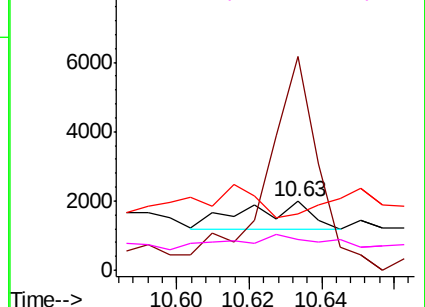
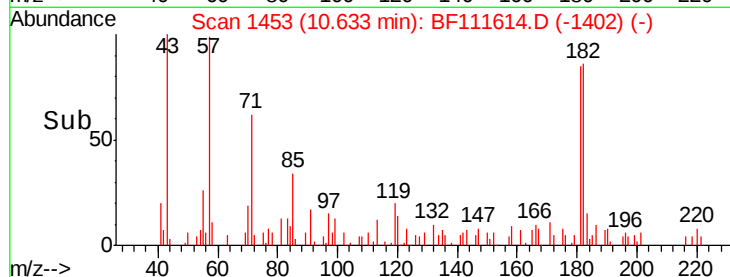


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

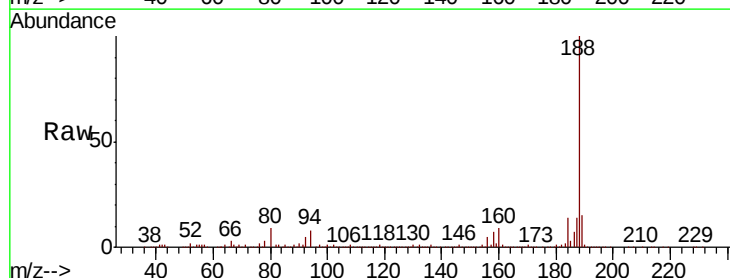
Tgt Ion: 188 Resp: 529391

Ion Ratio Lower Upper

188 100

94 8.4 9.6 14.4#

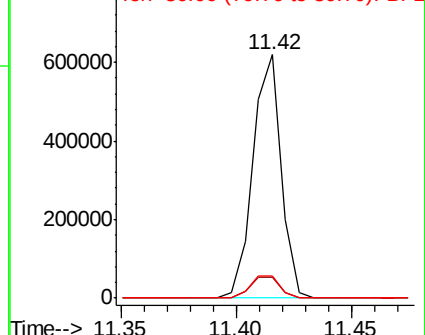
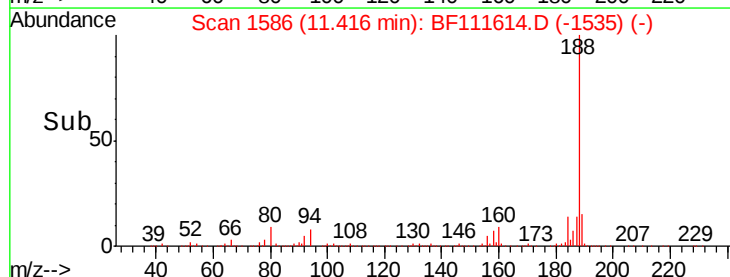
80 9.0 9.8 14.6#

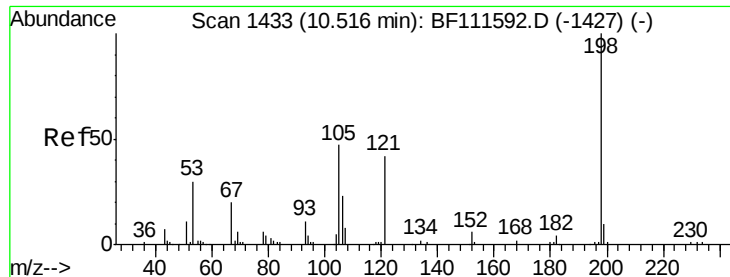


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

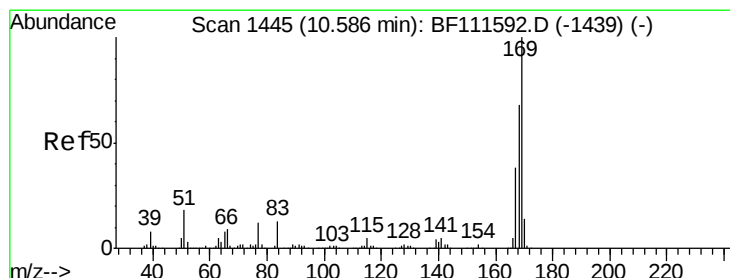
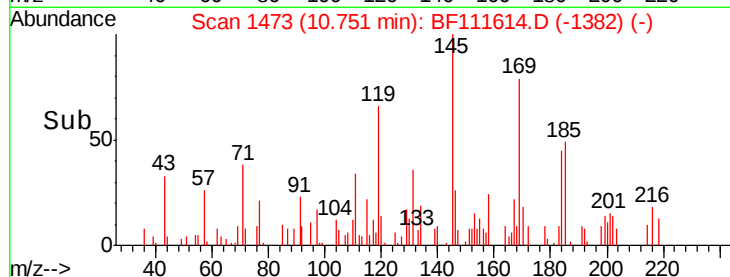
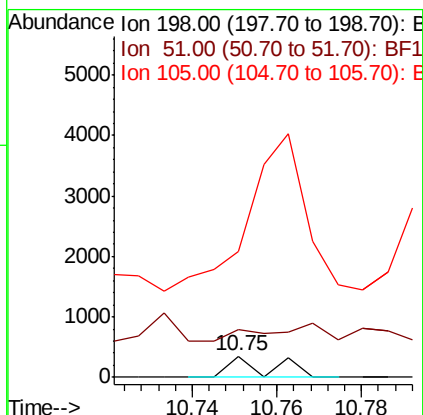
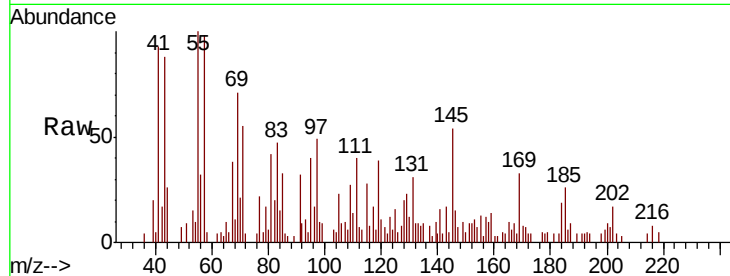




#65
4,6-Dinitro-2-methylphenol
Concen: 6.785 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.24 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

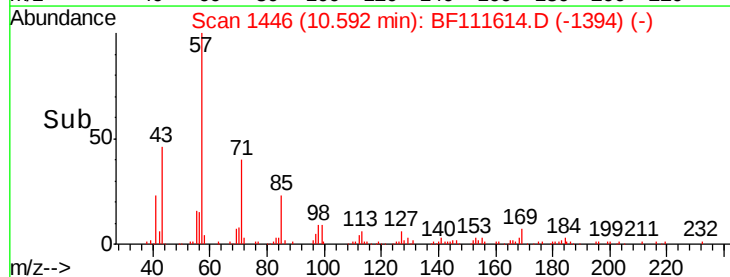
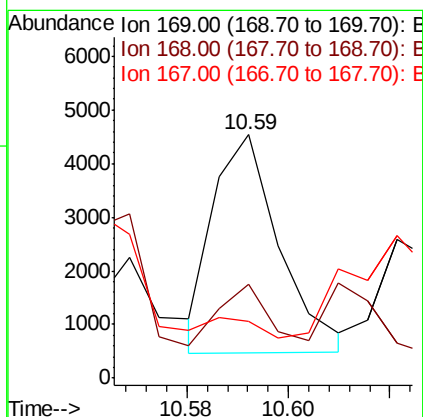
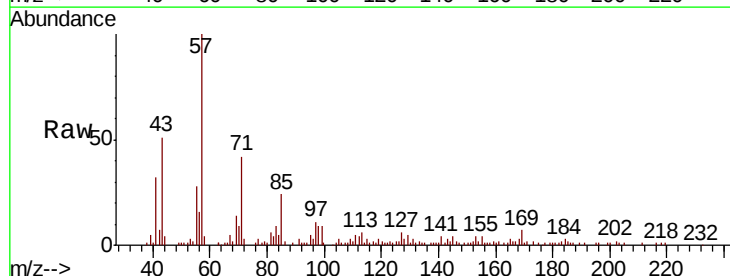
Instrument :
BNA_F
ClientSampleId :
SU-02-121818-B

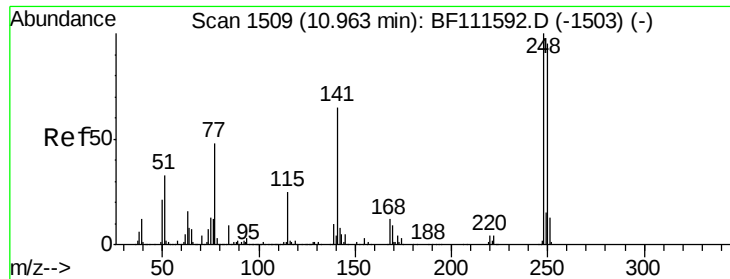
Tgt Ion:198 Resp: 235
Ion Ratio Lower Upper
198 100
51 227.4 48.0 88.0#
105 596.0 34.0 74.0#



#66
n-Nitrosodiphenylamine
Concen: 0.208 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

Tgt Ion:169 Resp: 3699
Ion Ratio Lower Upper
169 100
168 38.7 54.4 81.6#
167 23.1 30.5 45.7#

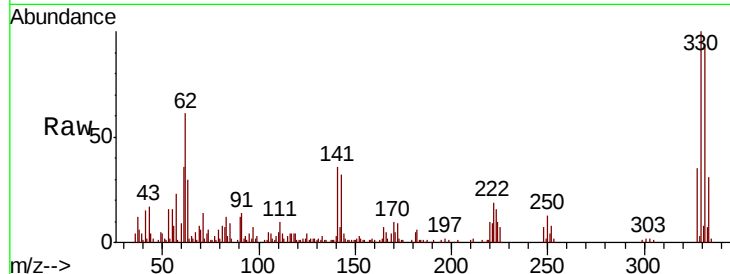




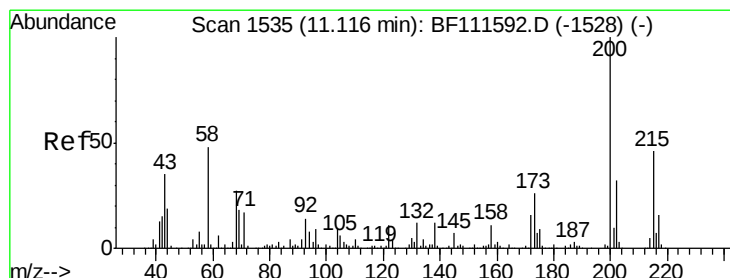
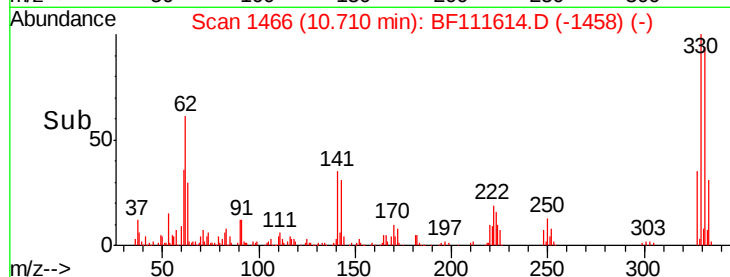
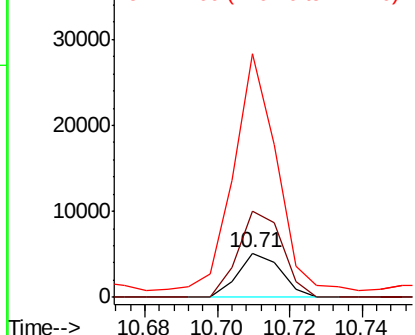
#67
4-Bromophenyl-phenylether
Concen: 0.647 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-B

Tgt Ion:248 Resp: 4249
Ion Ratio Lower Upper
248 100
250 193.0 77.0 115.4#
141 549.4 63.0 94.6#

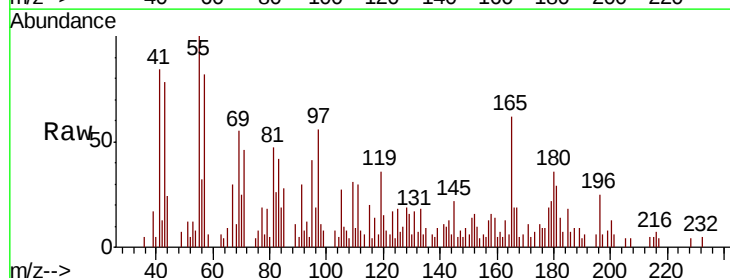


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

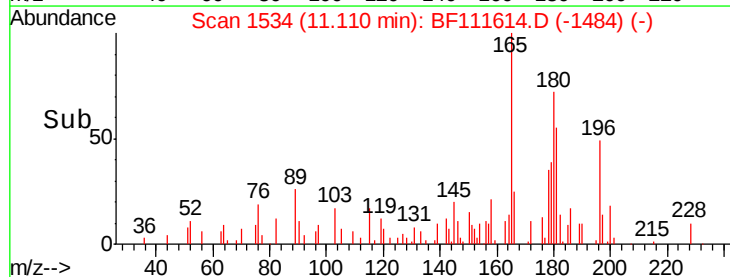
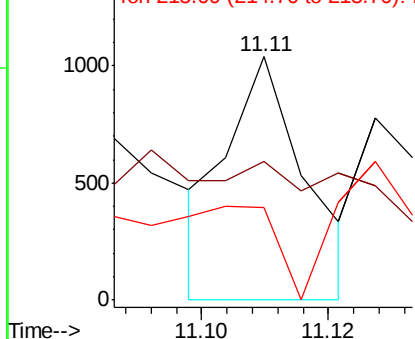


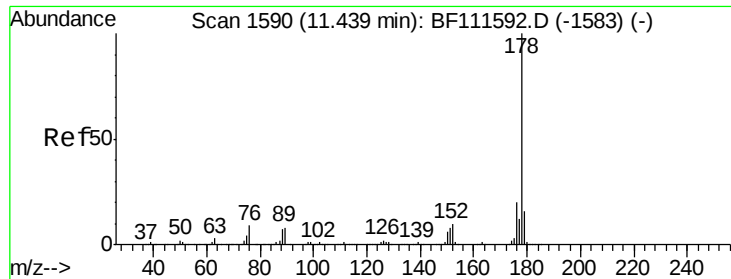
#69
Atrazine
Concen: 0.144 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

Tgt Ion:200 Resp: 887
Ion Ratio Lower Upper
200 100
173 57.1 10.1 50.1#
215 38.2 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

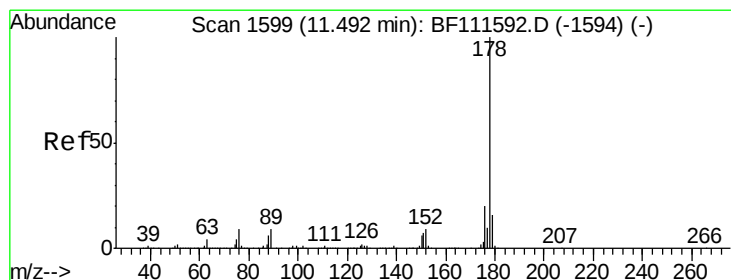
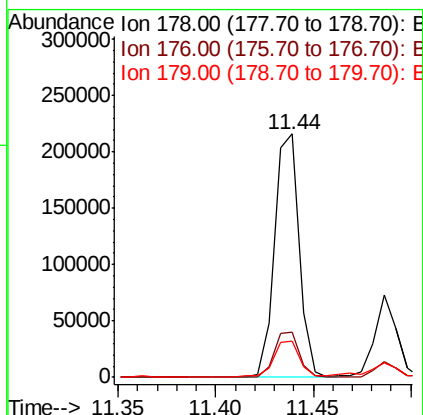
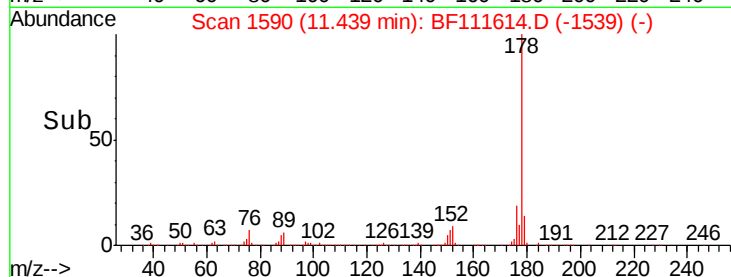
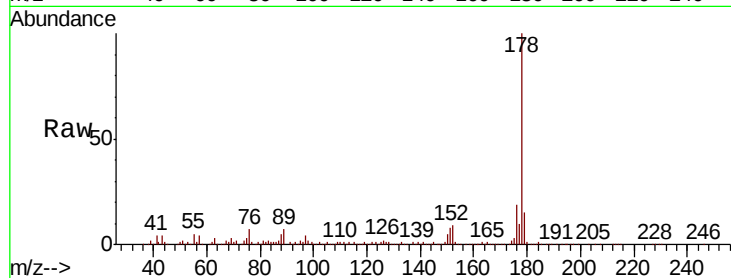




#71
Phenanthrene
Concen: 6.704 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

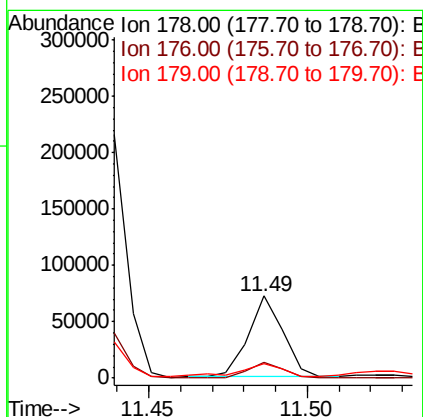
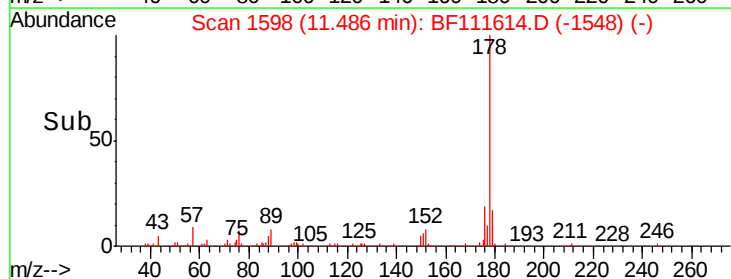
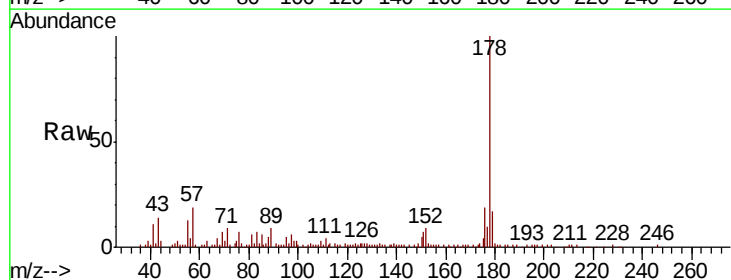
Instrument :
BNA_F
ClientSampleId :
SU-02-121818-B

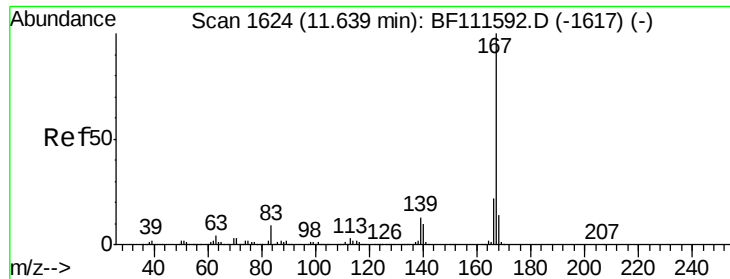
Tgt Ion:178 Resp: 188211
Ion Ratio Lower Upper
178 100
176 18.8 18.1 27.1
179 14.8 14.0 21.0



#72
Anthracene
Concen: 1.940 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

Tgt Ion:178 Resp: 54660
Ion Ratio Lower Upper
178 100
176 19.3 17.2 25.8
179 17.3 13.8 20.8

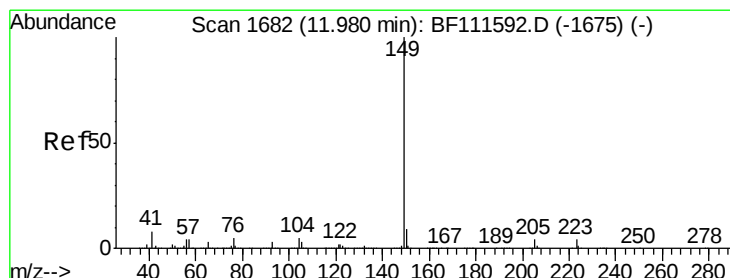
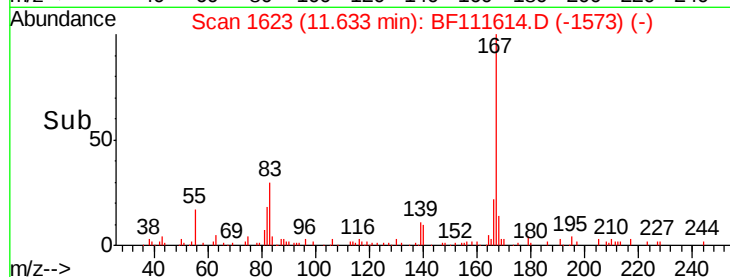
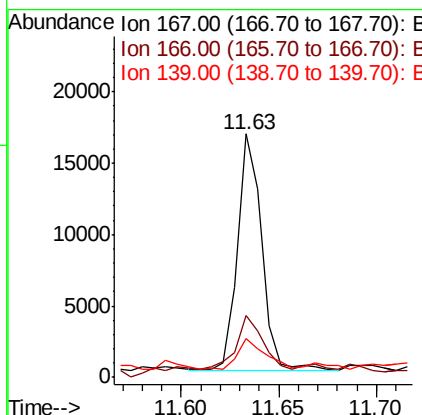
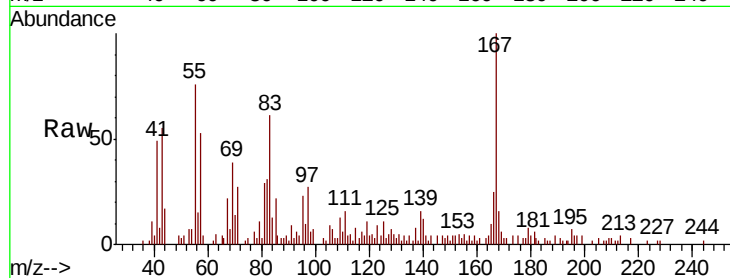




#73
 Carbazole
 Concen: 0.520 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF111614.D
 Acq: 20 Dec 2018 2:20

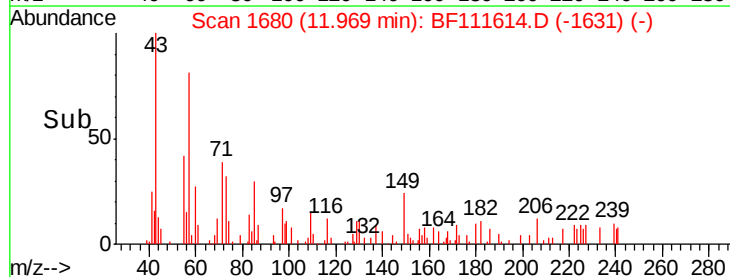
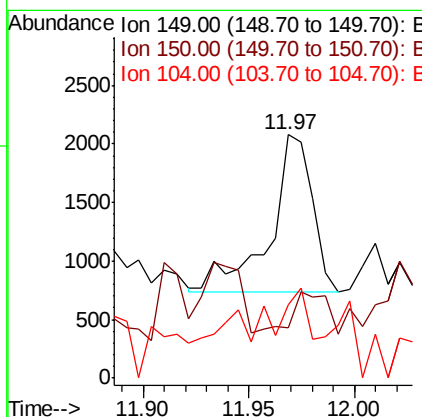
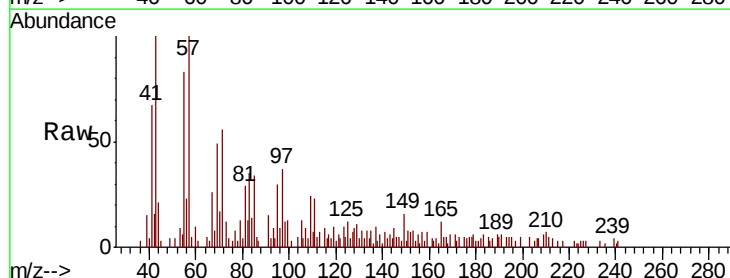
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-121818-B

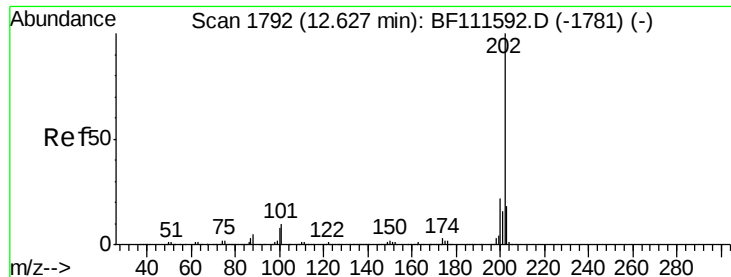
Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.2	19.3	28.9
139	16.2	11.9	17.9



#74
 Di-n-butylphthalate
 Concen: 0.061 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF111614.D
 Acq: 20 Dec 2018 2:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	20.7	8.8	13.2#
104	30.3	4.5	6.7#





#75

Fluoranthene

Concen: 9.915 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

Instrument :

BNA_F

ClientSampleId :

SU-02-121818-B

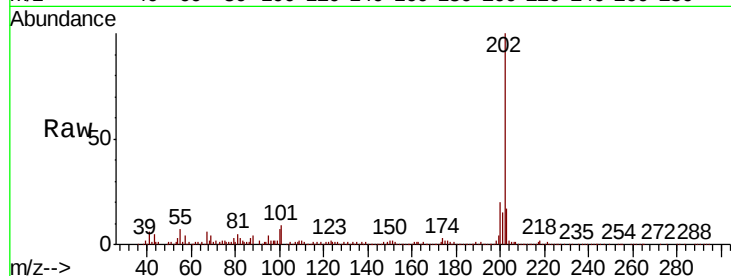
Tgt Ion:202 Resp: 281881

Ion Ratio Lower Upper

202 100

101 9.3 0.0 33.8

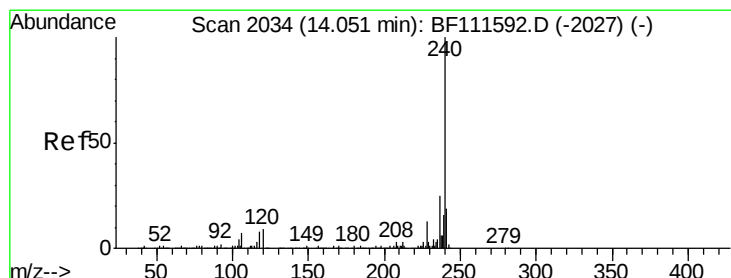
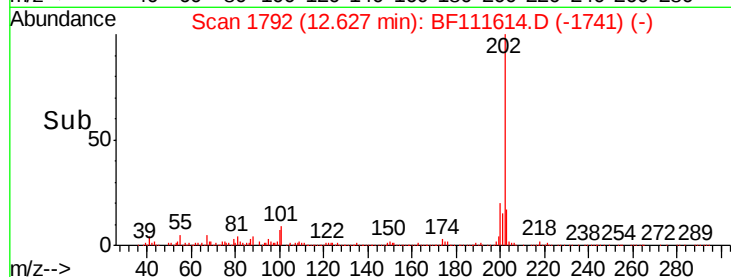
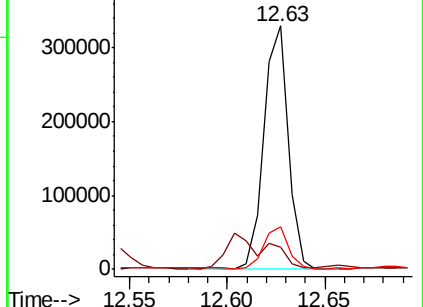
203 17.3 0.0 38.6



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: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

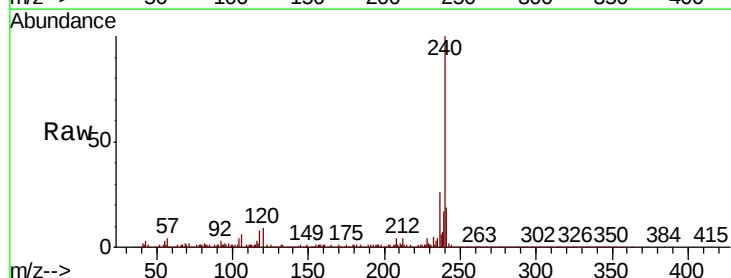
Tgt Ion:240 Resp: 486290

Ion Ratio Lower Upper

240 100

120 9.2 12.2 18.2#

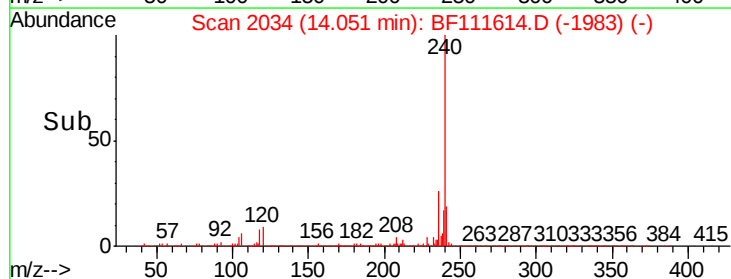
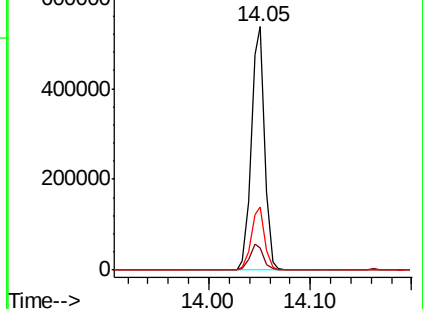
236 25.7 20.2 30.2

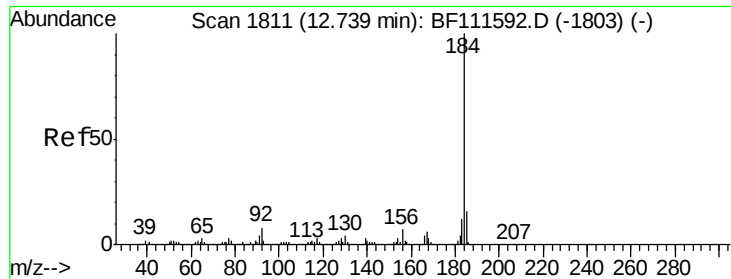


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.022 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

Instrument :

BNA_F

ClientSampleId :

SU-02-121818-B

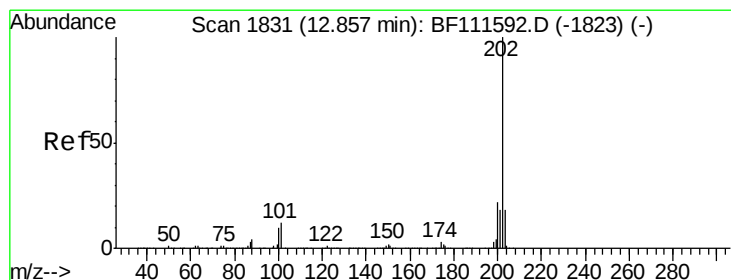
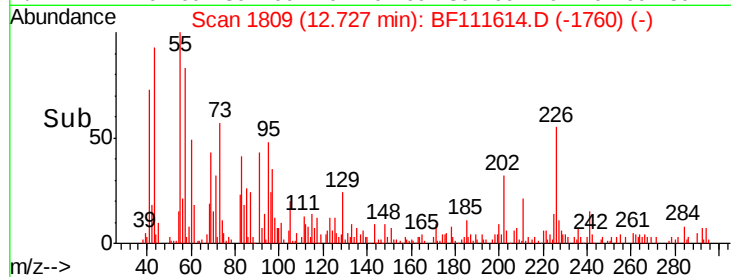
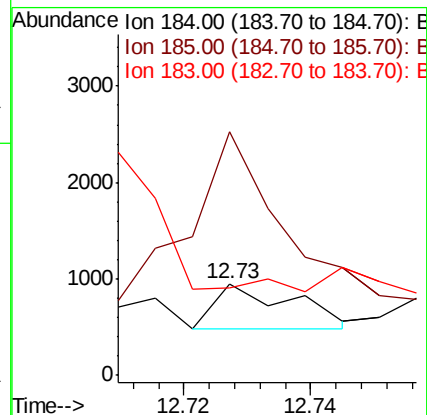
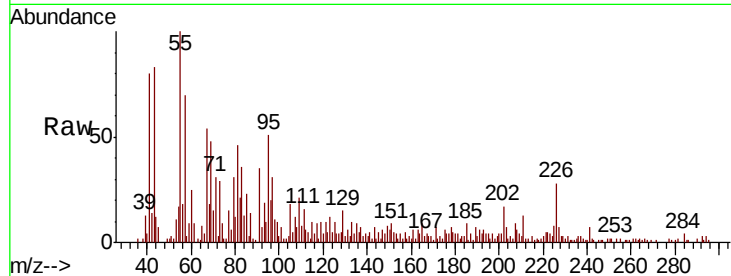
Tgt Ion:184 Resp: 399

Ion Ratio Lower Upper

184 100

185 266.5 13.0 19.6#

183 95.6 9.3 13.9#



#78

Pyrene

Concen: 7.909 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

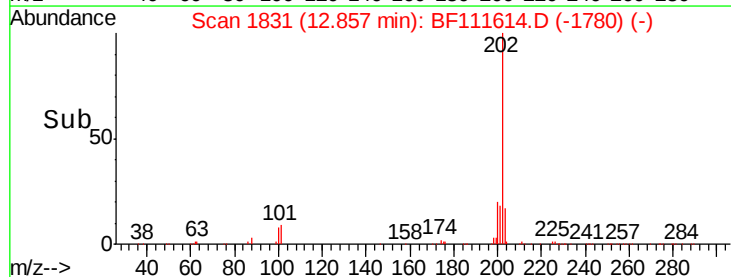
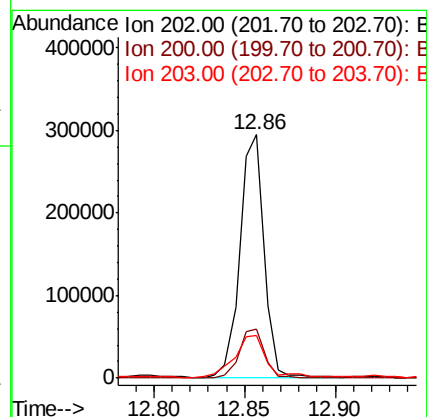
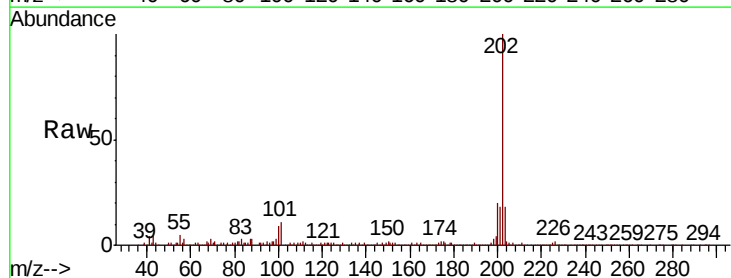
Tgt Ion:202 Resp: 271604

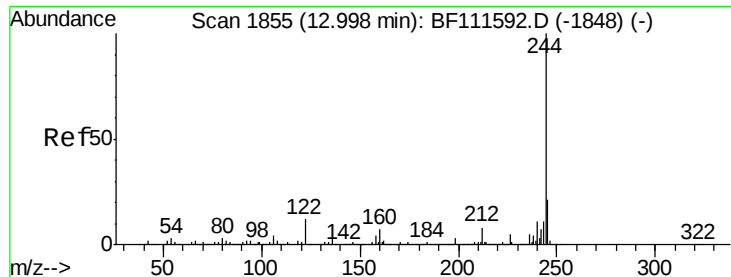
Ion Ratio Lower Upper

202 100

200 20.3 19.0 28.4

203 17.5 15.2 22.8





#79

Terphenyl-d14

Concen: 12.357 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

Instrument :

BNA_F

ClientSampleId :

SU-02-121818-B

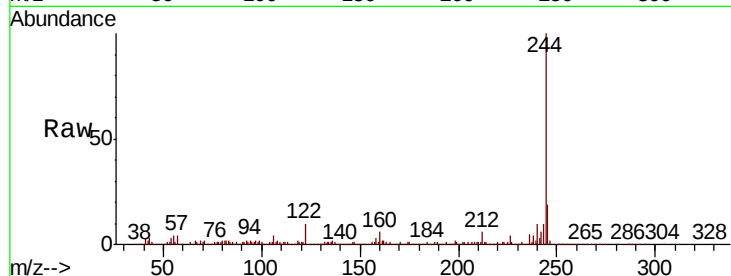
Tgt Ion:244 Resp: 316873

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

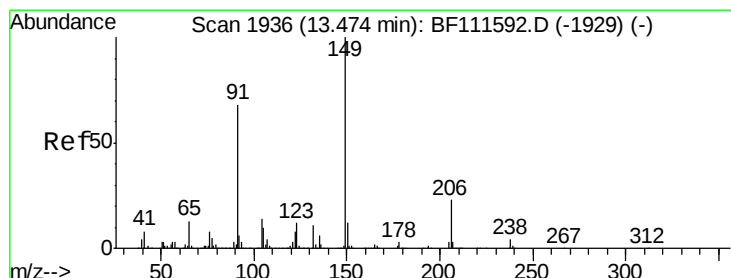
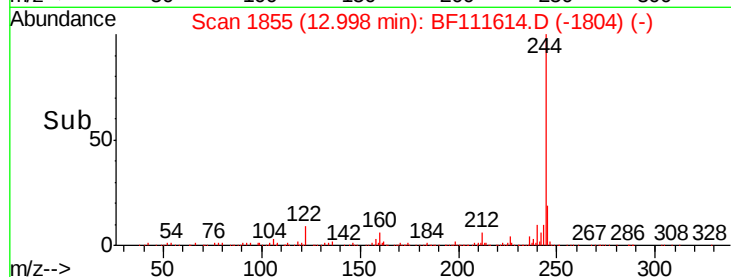
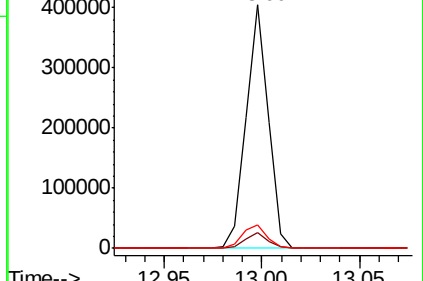
122 9.9 13.1 19.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.073 ng

RT: 13.49 min Scan# 1938

Delta R.T. 0.01 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

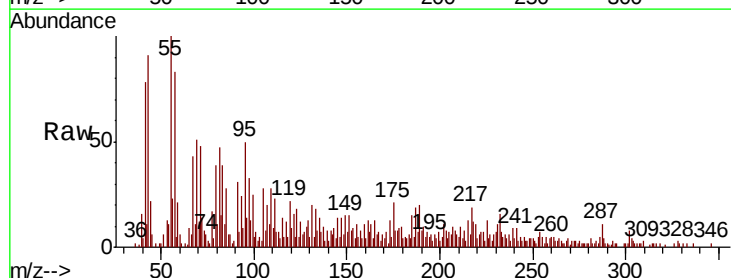
Tgt Ion:149 Resp: 1025

Ion Ratio Lower Upper

149 100

91 205.2 63.8 95.6#

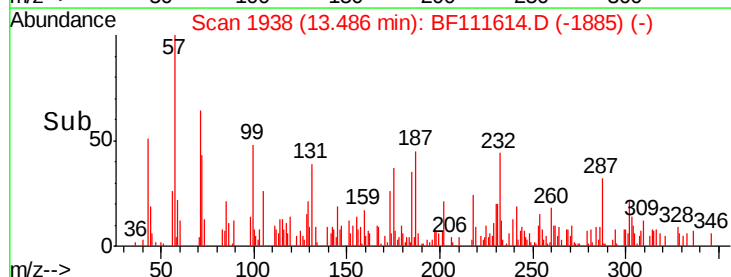
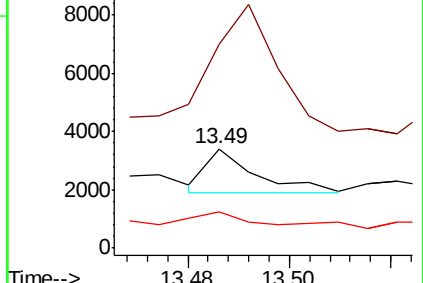
206 36.5 15.1 22.7#

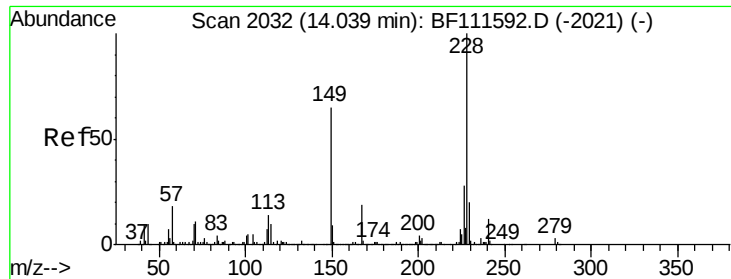


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

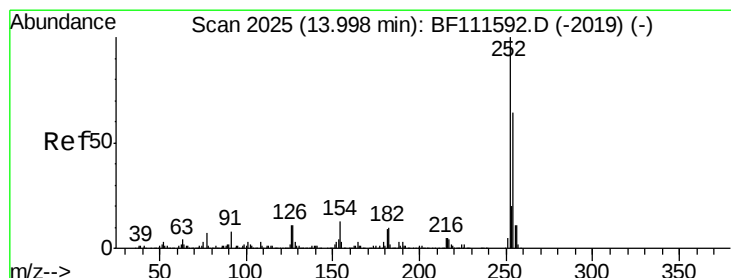
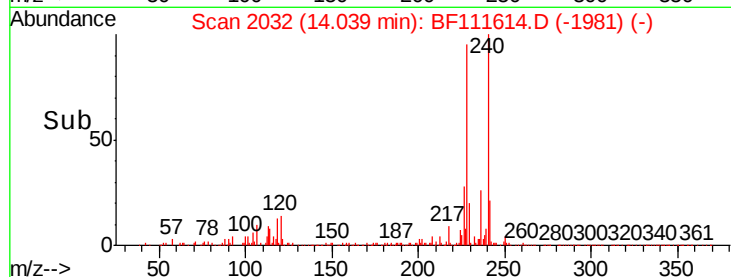
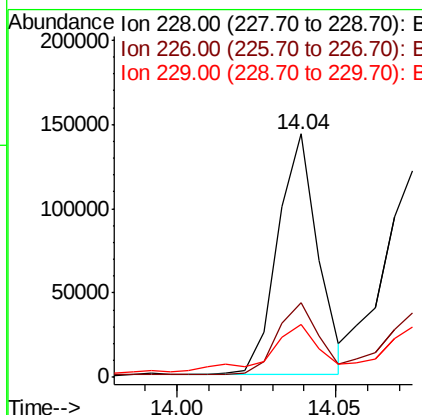
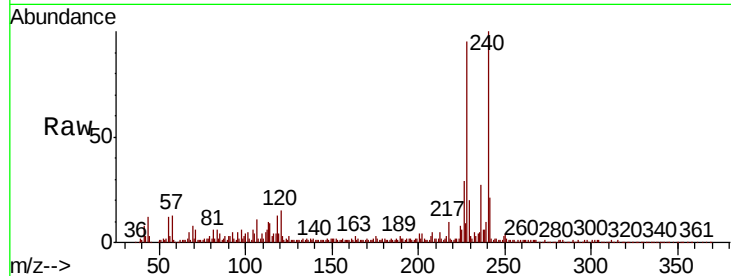




#81
Benzo(a)anthracene
Concen: 4.561 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

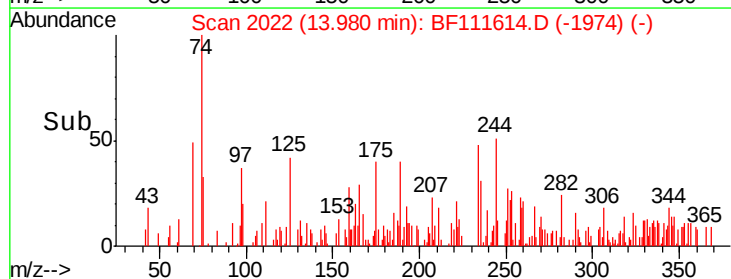
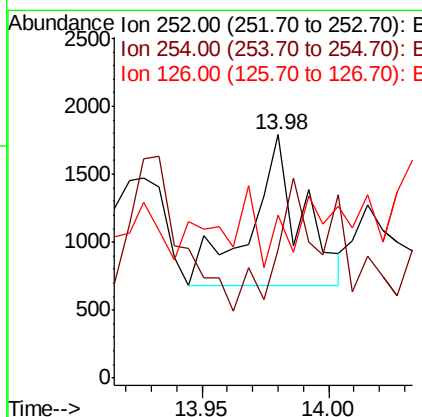
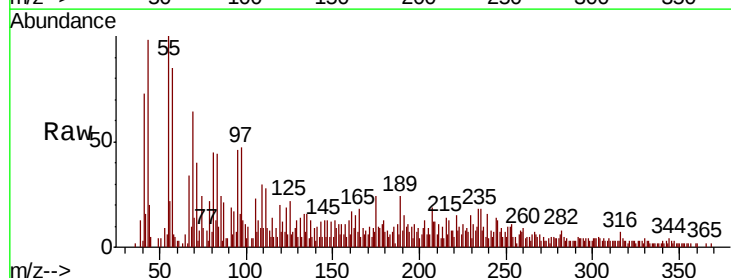
Instrument :
BNA_F
ClientSampleId :
SU-02-121818-B

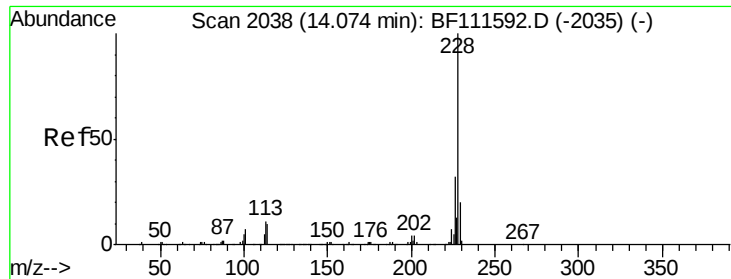
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	34.0
229	21.5	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 0.141 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	52.7	52.7	79.1
126	66.7	11.1	16.7#





#83

Chrysene

Concen: 4.394 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

Instrument :

BNA_F

ClientSampleId :

SU-02-121818-B

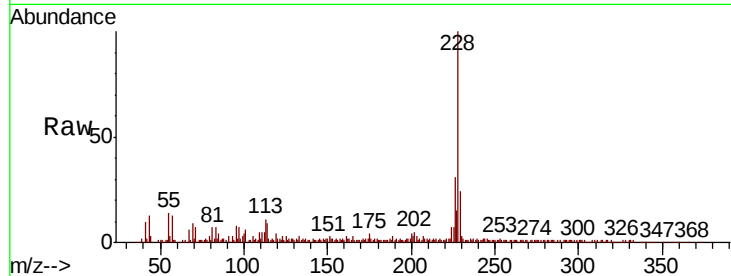
Tgt Ion:228 Resp: 119864

Ion Ratio Lower Upper

228 100

226 31.2 25.3 37.9

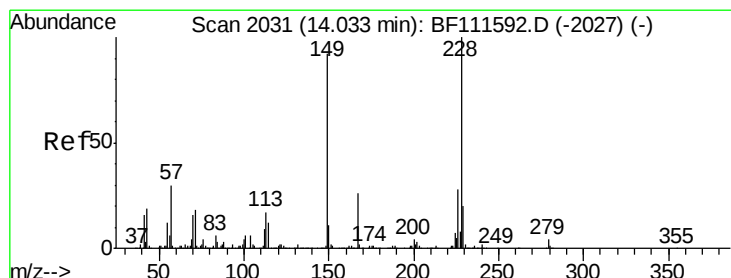
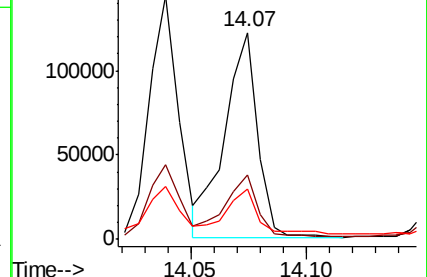
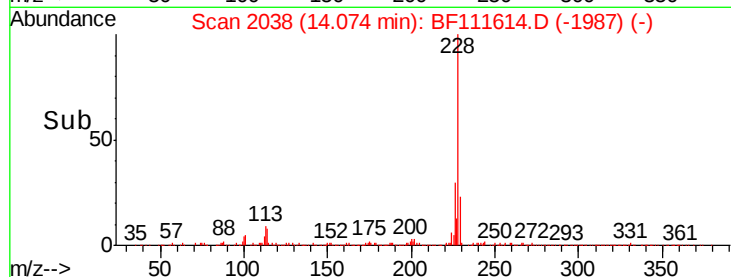
229 24.3 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.147 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

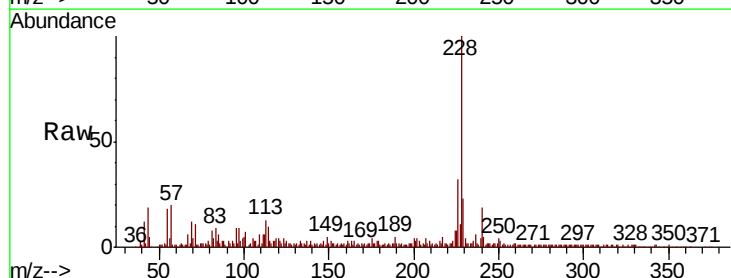
Tgt Ion:149 Resp: 2594

Ion Ratio Lower Upper

149 100

167 50.0 22.5 33.7#

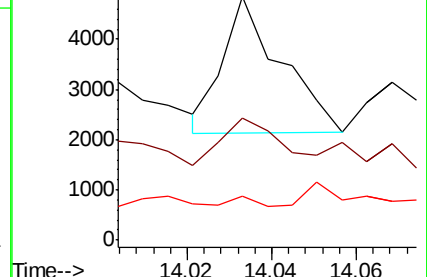
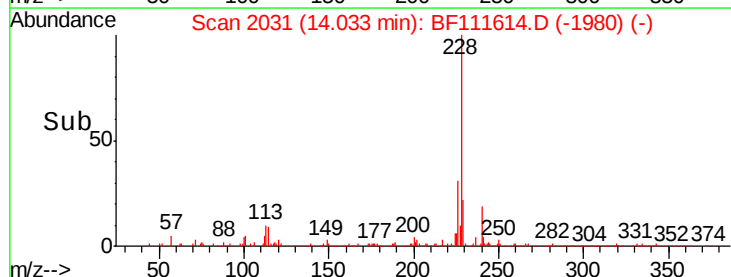
279 18.0 2.6 4.0#

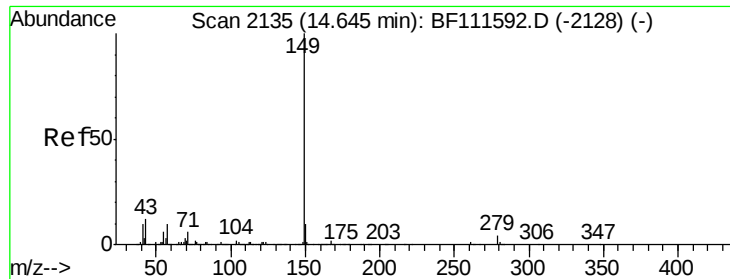


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.025 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

Instrument :

BNA_F

ClientSampleId :

SU-02-121818-B

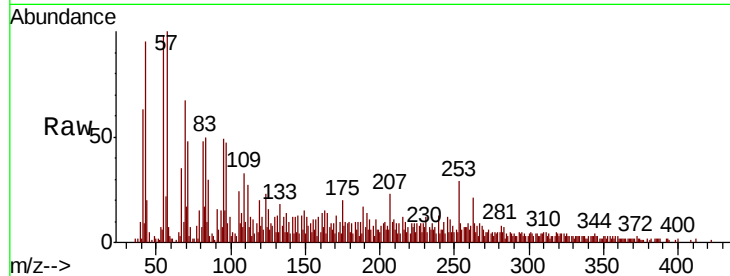
Tgt Ion:149 Resp: 693

Ion Ratio Lower Upper

149 100

167 106.2 1.3 1.9#

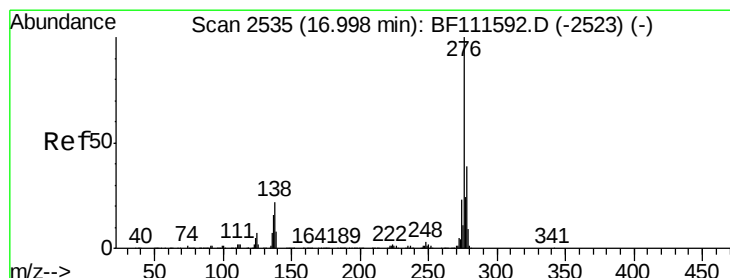
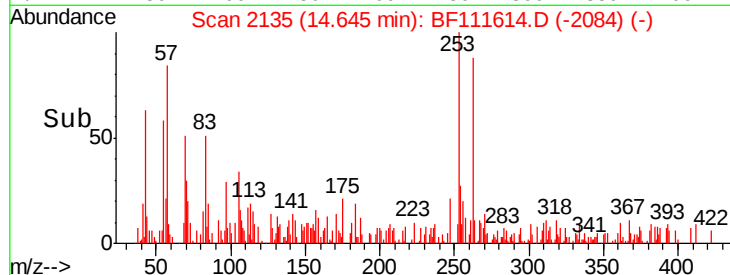
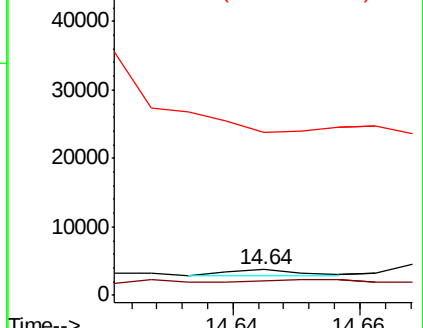
43 0.0 10.9 16.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 1.954 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.00 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

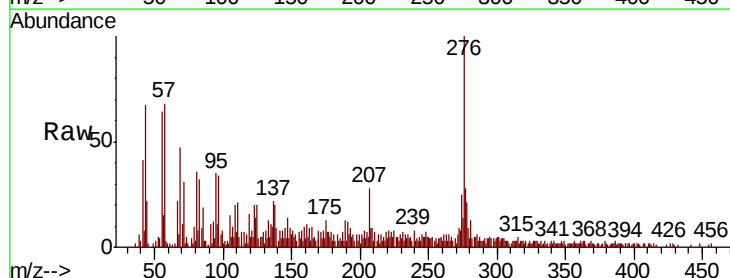
Tgt Ion:276 Resp: 45312

Ion Ratio Lower Upper

276 100

138 23.2 27.8 41.6#

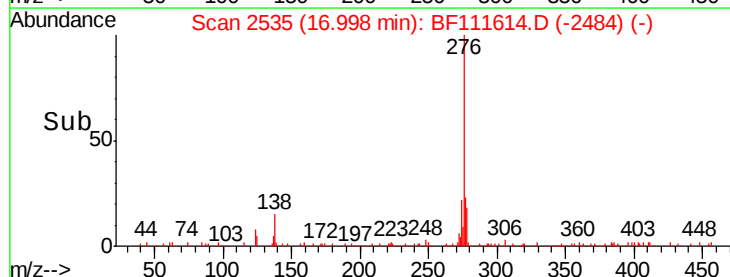
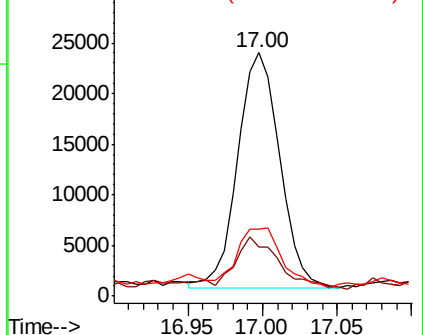
277 28.1 20.1 30.1

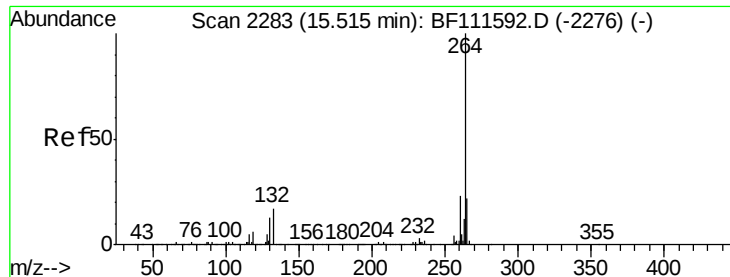


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

Instrument :

BNA_F

ClientSampleId :

SU-02-121818-B

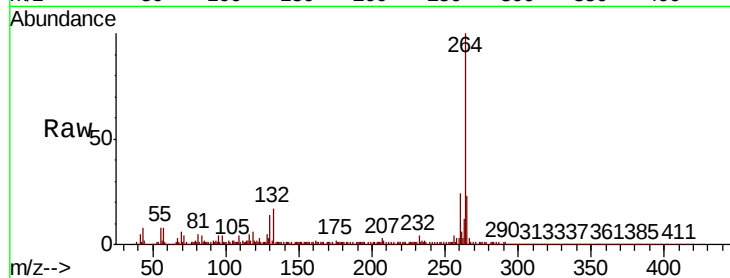
Tgt Ion:264 Resp: 334513

Ion Ratio Lower Upper

264 100

260 23.5 18.3 27.5

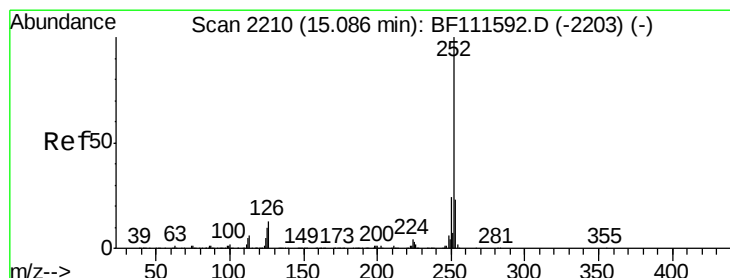
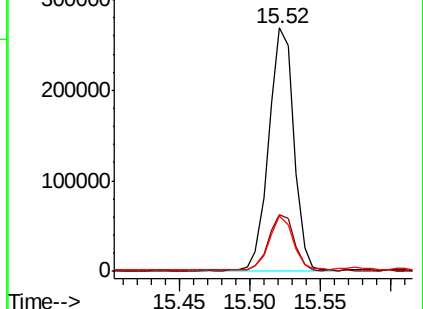
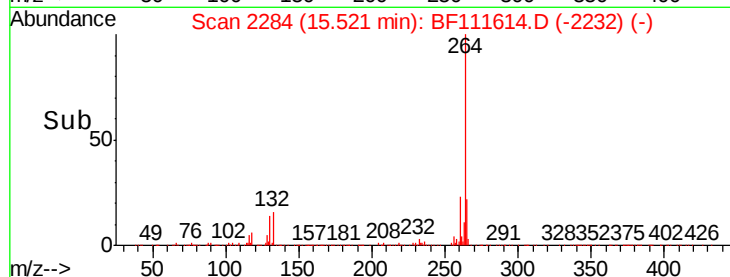
265 22.5 17.7 26.5



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: 7.653 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.01 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

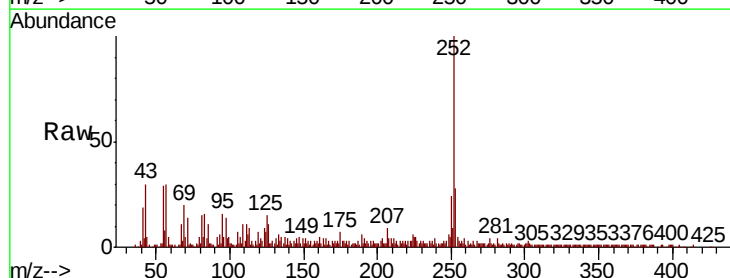
Tgt Ion:252 Resp: 149622

Ion Ratio Lower Upper

252 100

253 27.9 18.2 27.2#

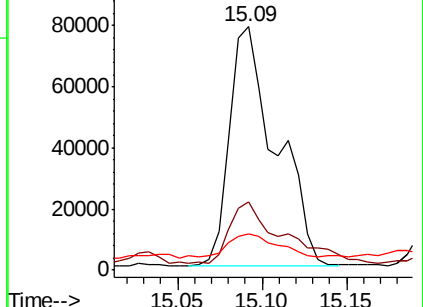
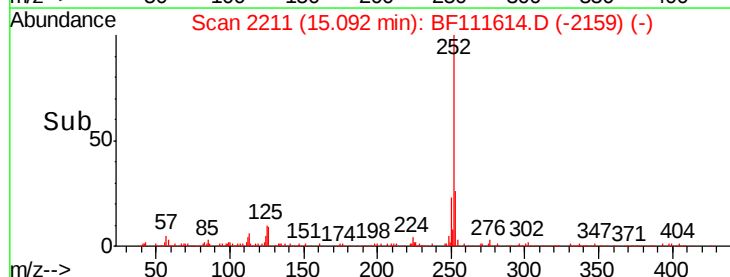
125 15.0 10.4 15.6

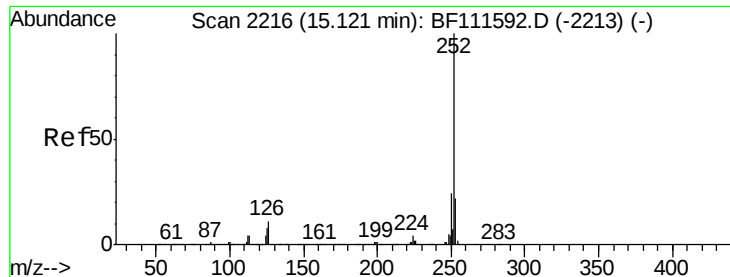


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

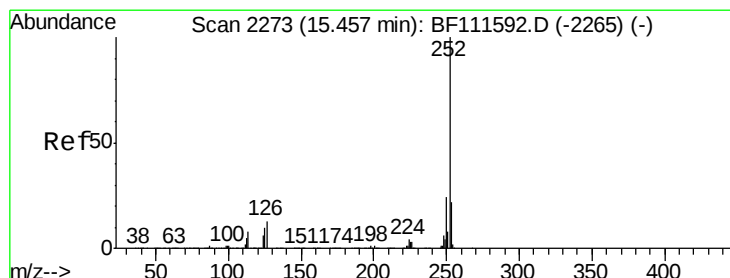
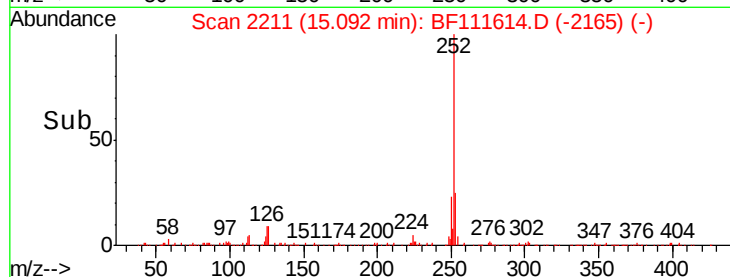
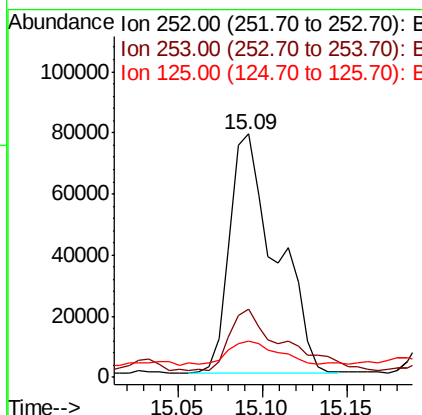
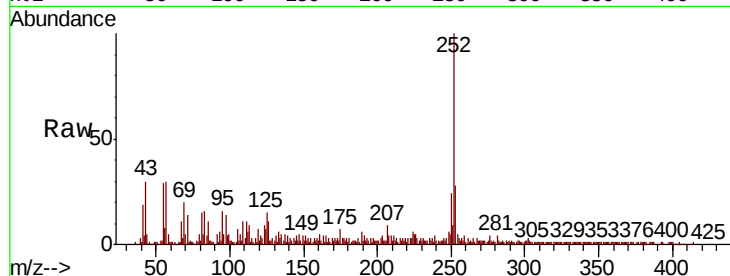




#89
Benzo(k)fluoranthene
Concen: 8.039 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.03 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

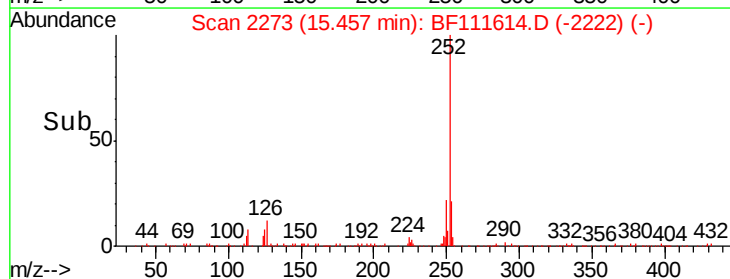
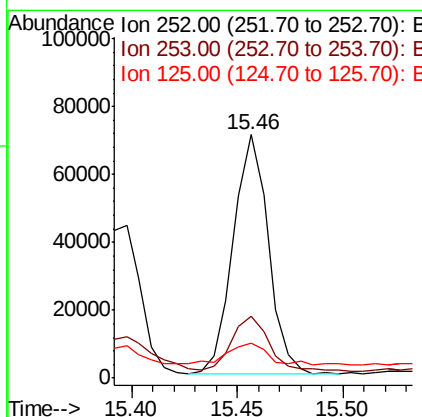
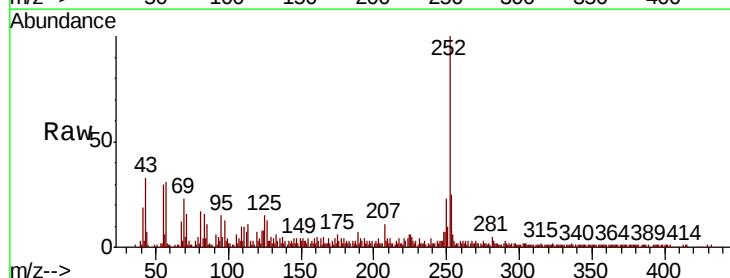
Instrument :
BNA_F
ClientSampleId :
SU-02-121818-B

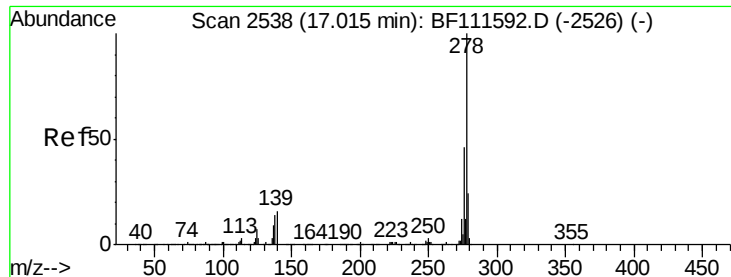
Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.1	27.1#
125	15.0	9.8	14.8#



#90
Benzo(a)pyrene
Concen: 4.583 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF111614.D
Acq: 20 Dec 2018 2:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.8	26.8
125	14.6	12.3	18.5





#91

Dibenzo(a,h)anthracene

Concen: 0.802 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

Instrument :

BNA_F

ClientSampleId :

SU-02-121818-B

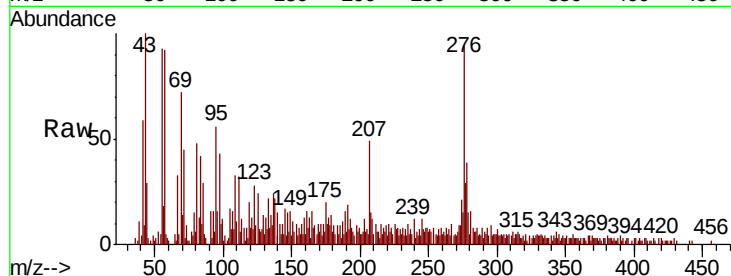
Tgt Ion:278 Resp: 12479

Ion Ratio Lower Upper

278 100

139 39.8 18.2 27.4#

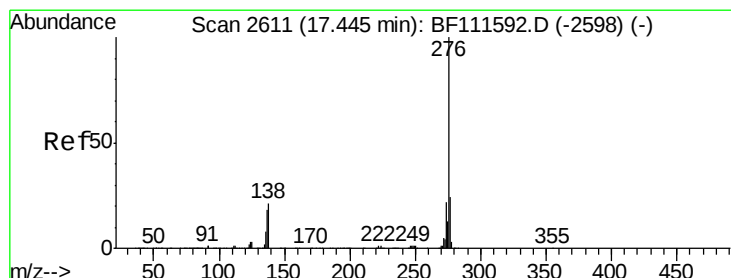
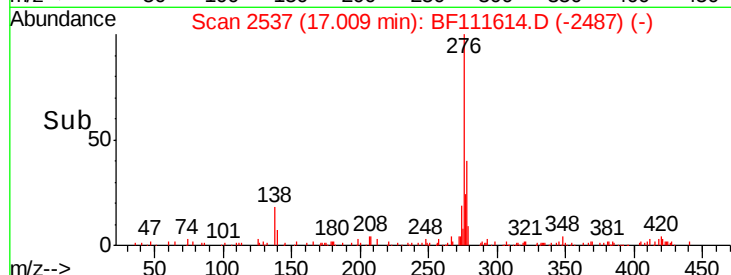
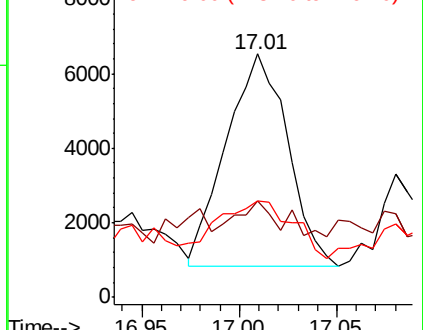
279 39.6 19.0 28.6#



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: 2.847 ng

RT: 17.44 min Scan# 2611

Delta R.T. -0.00 min

Lab File: BF111614.D

Acq: 20 Dec 2018 2:20

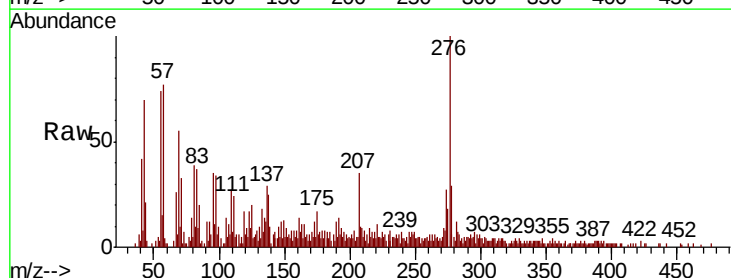
Tgt Ion:276 Resp: 43236

Ion Ratio Lower Upper

276 100

277 28.7 19.2 28.8

138 25.5 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

