

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
 Data File : BF111606.D
 Acq On : 19 Dec 2018 22:39
 Operator : JU/SJ
 Sample : J6322-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-6-C-2-120718

Quant Time: Dec 20 03:26:15 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	6.89	152	194890	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	728603	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	366195	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	645082	20.00	ng	0.00
76) Chrysene-d12	14.04	240	518829	20.00	ng	-0.01
87) Perylene-d12	15.52	264	489596	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1320306	115.48	ng	0.00
7) Phenol-d6	6.52	99	1695048	116.49	ng	0.00
23) Nitrobenzene-d5	7.45	82	1045985	83.56	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	469900	108.60	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1791595	71.31	ng	0.00
79) Terphenyl-d14	12.99	244	1564097	57.17	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.61	88	111	0.021	ng	# 1
3) Pyridine	3.65	79	113	0.008	ng	# 1
4) n-Nitrosodimethylamine	3.39	42	117	0.017	ng	# 1
6) Aniline	6.53	93	2056	0.111	ng	# 1
8) 2-Chlorophenol	6.68	128	531	0.042	ng	# 52
9) Benzaldehyde	6.52	77	3793	0.379	ng	# 1
10) Phenol	6.53	94	100420	6.116	ng	# 94
11) bis(2-Chloroethyl)ether	6.60	93	119	0.010	ng	# 19
12) 1,3-Dichlorobenzene	7.05	146	235	0.016	ng	# 1
13) 1,4-Dichlorobenzene	7.05	146	235	0.016	ng	# 1
14) 1,2-Dichlorobenzene	7.05	146	235	0.017	ng	# 1
15) Benzyl Alcohol	7.05	79	17889	1.548	ng	# 40
16) 2,2'-oxybis(1-Chloropropan	7.10	45	108	0.005	ng	# 72
17) 2-Methylphenol	7.02	107	177	0.017	ng	# 33
19) n-Nitroso-di-n-propylamine	7.45	70	143231	14.822	ng	# 81
20) 3+4-Methylphenols	7.28	107	399	0.031	ng	# 71
22) Acetophenone	7.29	105	784	0.042	ng	# 61
24) Nitrobenzene	7.45	77	3539	0.270	ng	# 36
25) Isophorone	7.45	82	1045758	47.060	ng	# 64
27) 2,4-Dimethylphenol	7.82	122	106	0.010	ng	# 2
28) bis(2-Chloroethoxy)methane	8.19	93	243	0.016	ng	# 48
31) Naphthalene	8.19	128	3989	0.114	ng	# 94
32) Benzoic acid	7.82	122	106	0.015	ng	# 1
33) 4-Chloroaniline	8.19	127	342	0.023	ng	# 32
37) 2-Methylnaphthalene	8.99	142	1381	0.061	ng	# 96
38) 1-Methylnaphthalene	8.99	142	1381	0.063	ng	# 99
46) 1,1'-Biphenyl	9.35	154	4663	0.151	ng	# 90
47) 2-Chloronaphthalene	9.64	162	956	0.039	ng	# 1
48) 2-Nitroaniline	9.64	65	1426	0.224	ng	# 1
49) Acenaphthylene	9.79	152	2589	0.072	ng	# 96
50) Dimethylphthalate	9.64	163	142468	5.320	ng	# 97
51) 2,6-Dinitrotoluene	9.93	165	46818	8.768	ng	# 29
52) Acenaphthene	9.96	154	7365	0.334	ng	# 95
53) 3-Nitroaniline	10.13	138	113	0.020	ng	# 1

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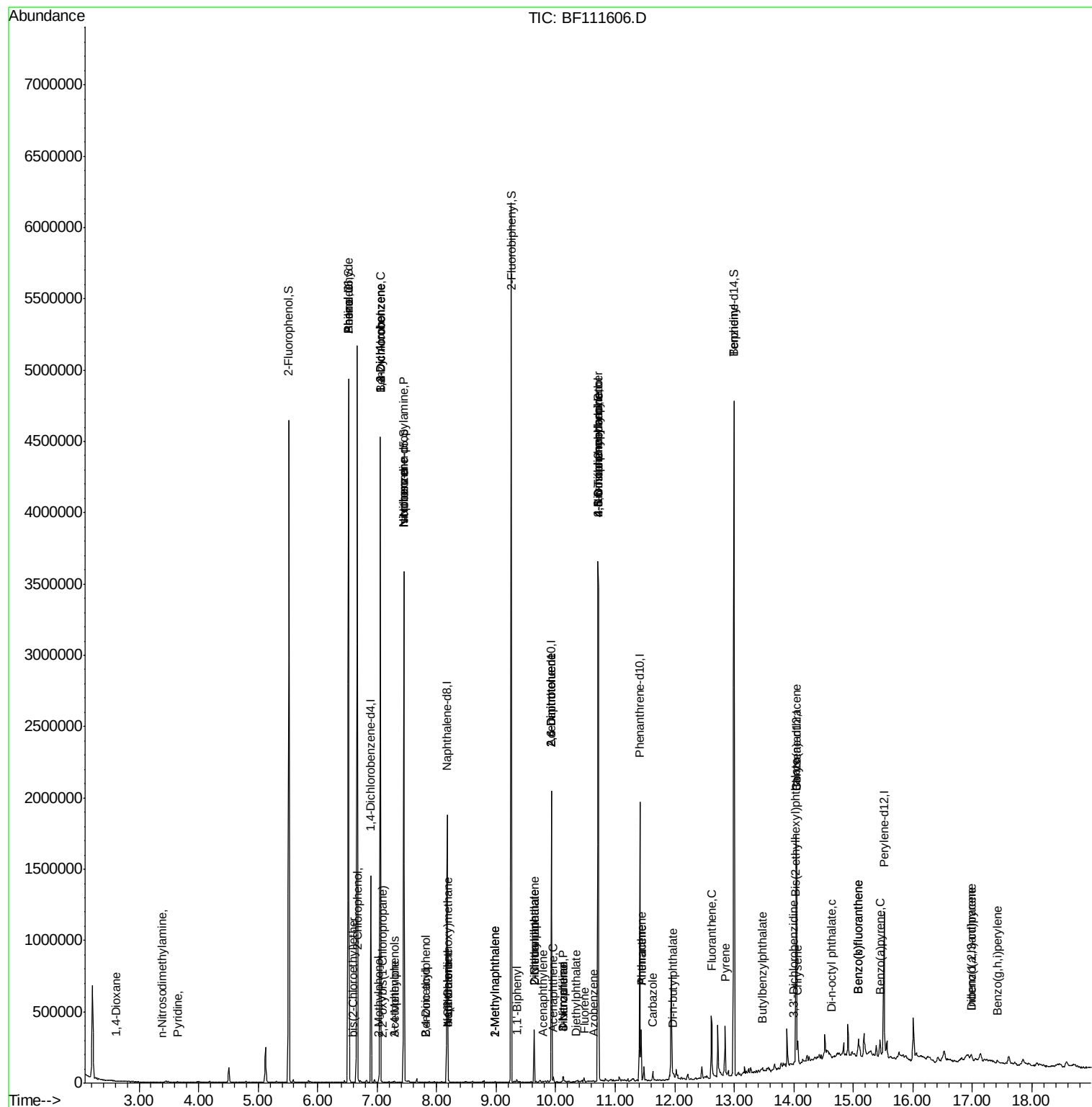
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) Dibenzofuran	10.13	168	3995	0.120	ng	97
56) 4-Nitrophenol	10.13	139	1736	0.399	ng	# 8
57) 2,4-Dinitrotoluene	9.93	165	46818	7.295	ng	# 25
58) Fluorene	10.47	166	7179	0.299	ng	97
60) Diethylphthalate	10.34	149	1223	0.047	ng	# 58
63) Azobenzene	10.63	77	997	0.038	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.72	198	802	6.952	ng	# 1
66) n-Nitrosodiphenylamine	10.71	169	13348	0.616	ng	# 44
67) 4-Bromophenyl-phenylether	10.72	248	29630	3.703	ng	# 1
71) Phenanthrene	11.43	178	123809	3.619	ng	93
72) Anthracene	11.43	178	123809	3.605	ng	95
73) Carbazole	11.63	167	15901	0.477	ng	95
74) Di-n-butylphthalate	11.97	149	3524	0.094	ng	# 73
75) Fluoranthene	12.62	202	163414	4.717	ng	95
77) Benzidine	12.99	184	20023	1.026	ng	# 90
78) Pyrene	12.85	202	132510	3.617	ng	95
80) Butylbenzylphthalate	13.47	149	855	0.057	ng	# 81
81) Benzo(a)anthracene	14.03	228	70159	2.369	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	243	0.021	ng	# 1
83) Chrysene	14.07	228	64365	2.212	ng	96
84) Bis(2-ethylhexyl)phthalate	14.03	149	7741	0.411	ng	95
85) Di-n-octyl phthalate	14.64	149	766	0.026	ng	# 1
86) Indeno(1,2,3-cd)pyrene	16.98	276	23902	0.966	ng	# 83
88) Benzo(b)fluoranthene	15.08	252	100457	3.511	ng	97
89) Benzo(k)fluoranthene	15.08	252	100457	3.688	ng	98
90) Benzo(a)pyrene	15.44	252	50877	1.957	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	7921	0.348	ng	# 91
92) Benzo(g,h,i)perylene	17.42	276	22982	1.034	ng	# 83

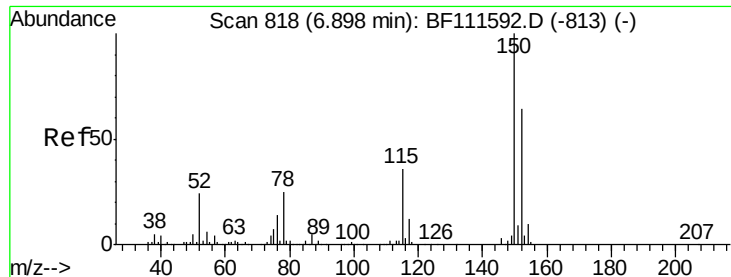
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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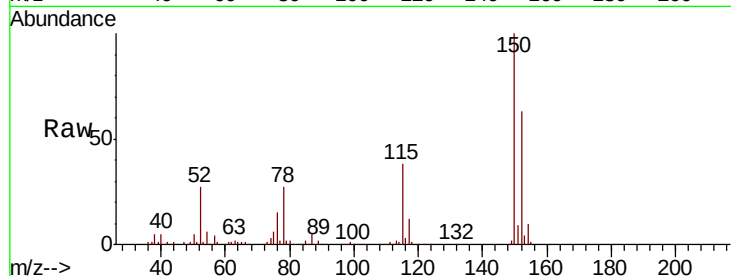


#1

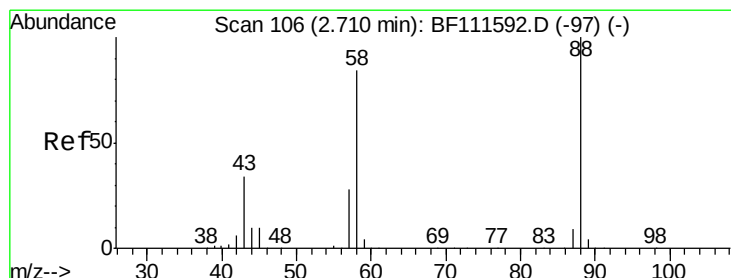
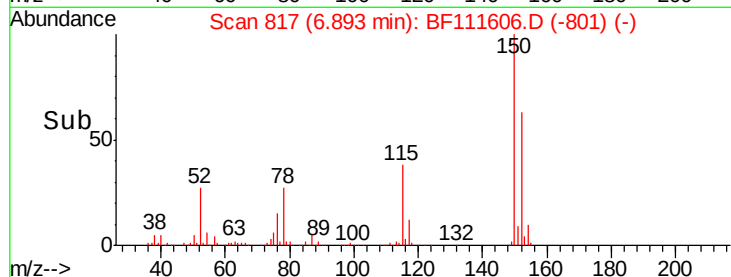
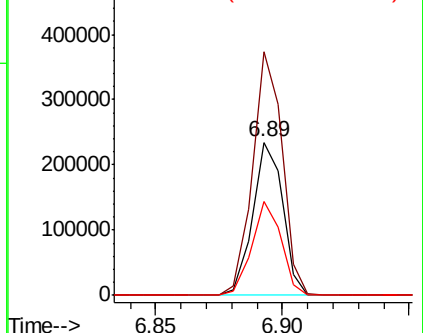
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:152 Resp: 194890
Ion Ratio Lower Upper
152 100
150 158.8 126.6 189.8
115 61.1 50.7 76.1



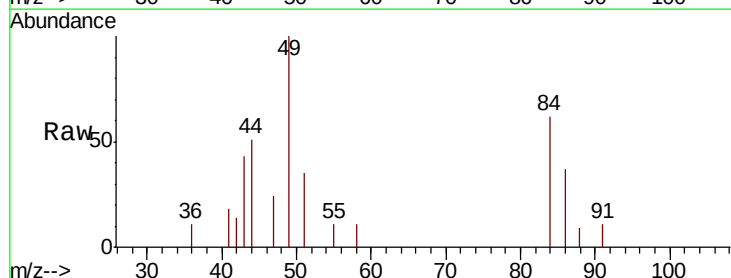
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



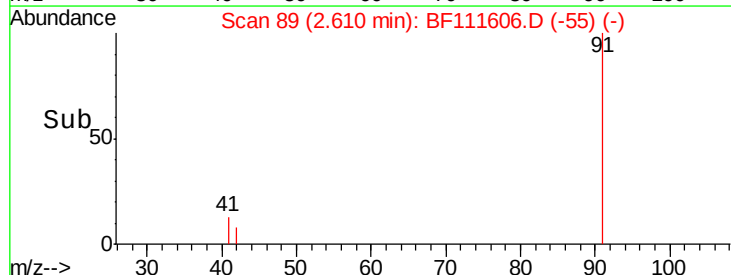
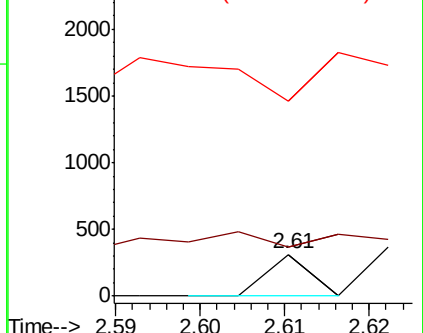
#2

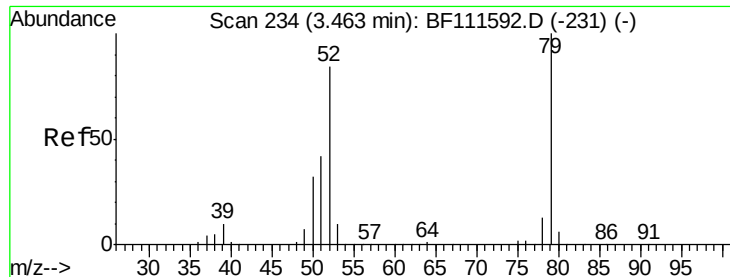
1,4-Dioxane
Concen: 0.021 ng
RT: 2.61 min Scan# 89
Delta R.T. -0.10 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion: 88 Resp: 111
Ion Ratio Lower Upper
88 100
58 0.0 68.9 103.3#
43 370.3 25.8 38.6#



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





#3

Pyridine

Concen: 0.008 ng

RT: 3.65 min Scan# 265

Delta R.T. 0.18 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Instrument :

BNA_F

ClientSampleId :

SUP-6-C-2-120718

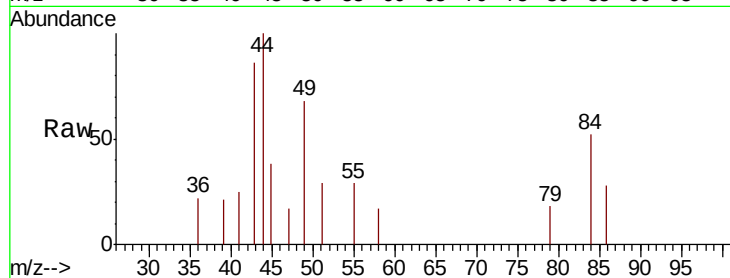
Tgt Ion: 79 Resp: 113

Ion Ratio Lower Upper

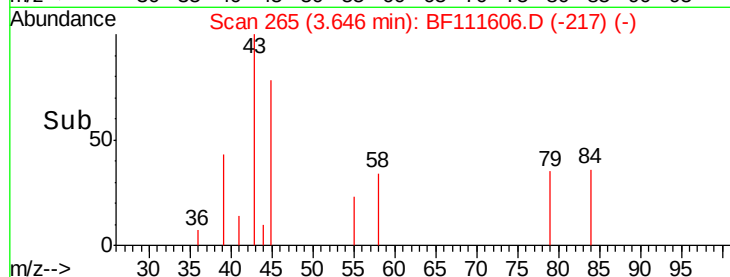
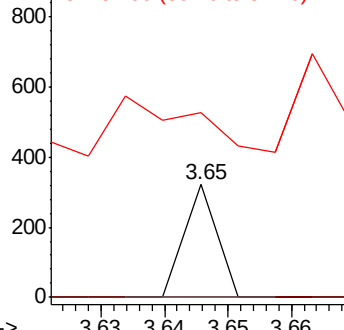
79 100

52 0.0 68.3 102.5#

51 164.5 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: 0.017 ng

RT: 3.39 min Scan# 222

Delta R.T. -0.02 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

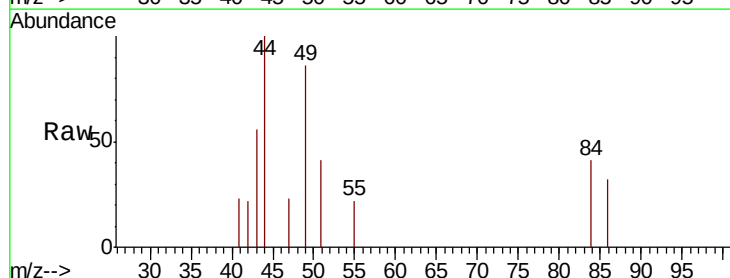
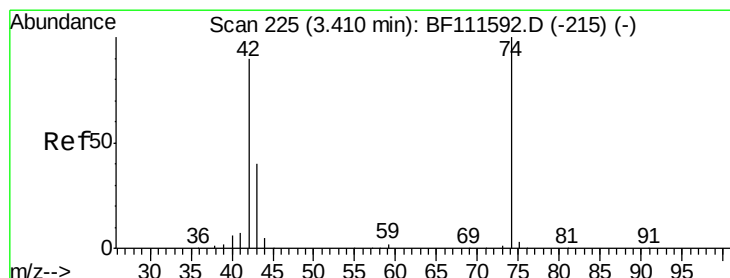
Tgt Ion: 42 Resp: 117

Ion Ratio Lower Upper

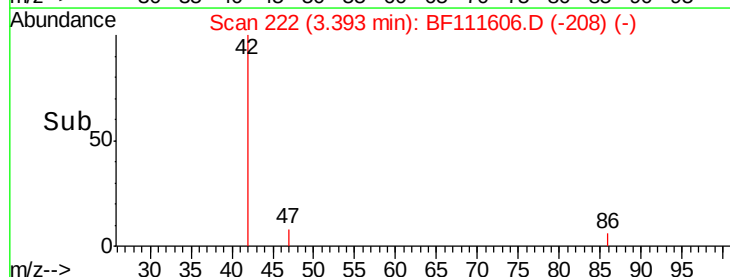
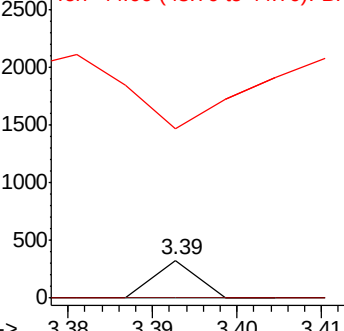
42 100

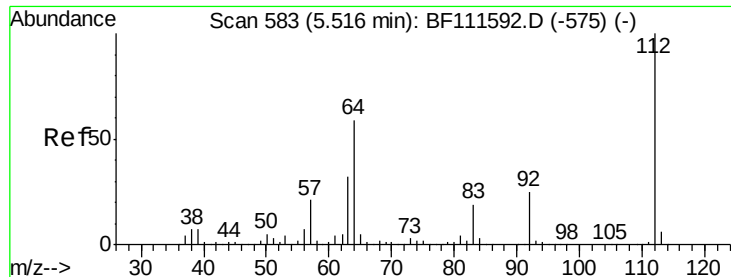
74 0.0 101.5 152.3#

44 445.3 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: 115.476 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

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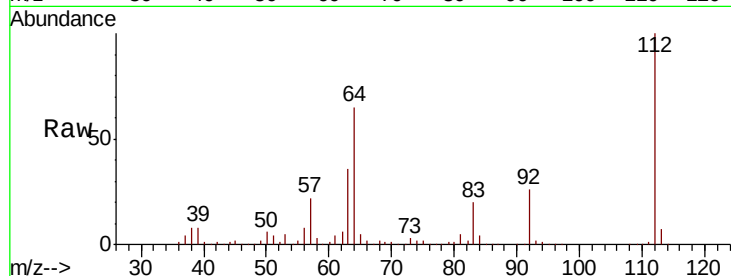
Tgt Ion: 112 Resp: 1320306

Ion Ratio Lower Upper

112 100

64 65.3 51.8 77.6

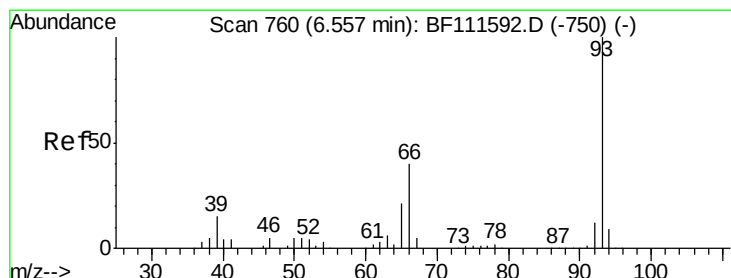
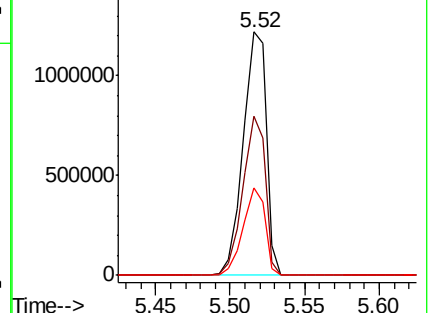
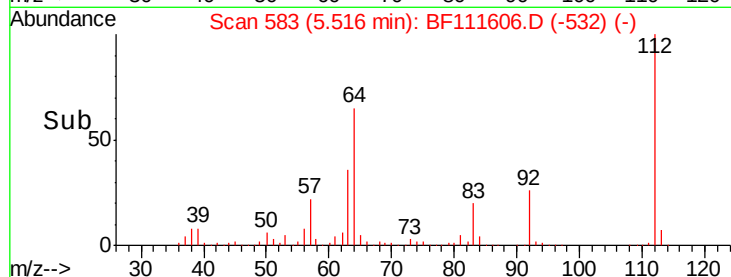
63 35.7 26.8 40.2



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: 0.111 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.03 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

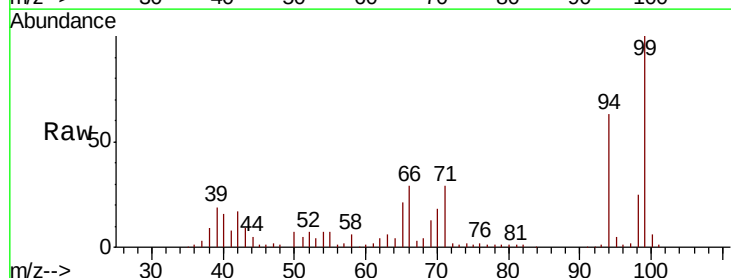
Tgt Ion: 93 Resp: 2056

Ion Ratio Lower Upper

93 100

66 2336.7 33.2 49.8#

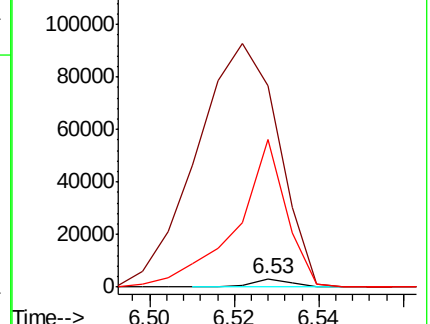
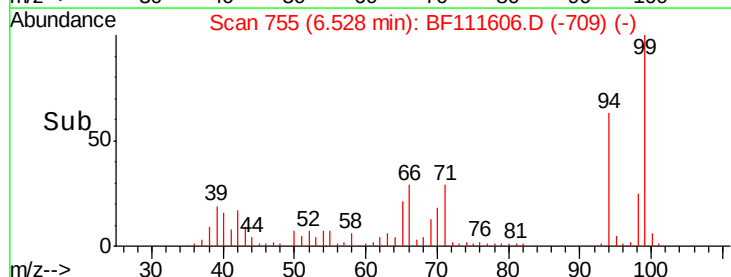
65 1711.5 17.0 25.4#

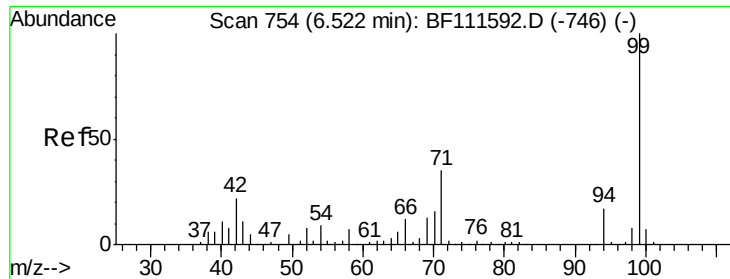


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.490 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

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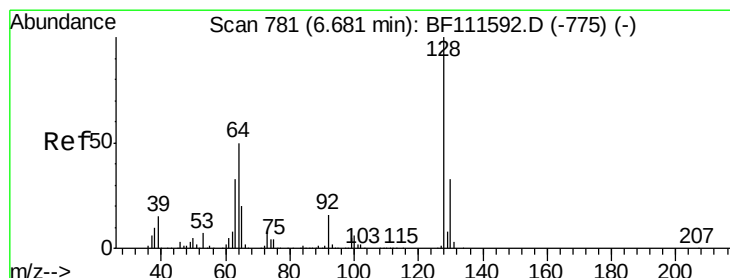
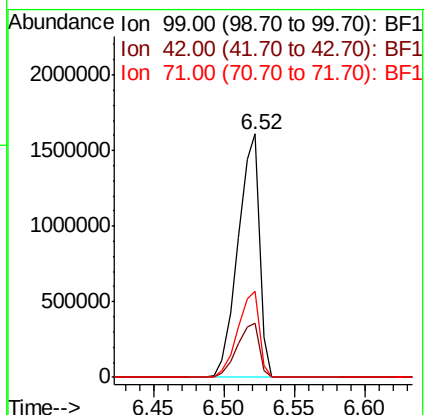
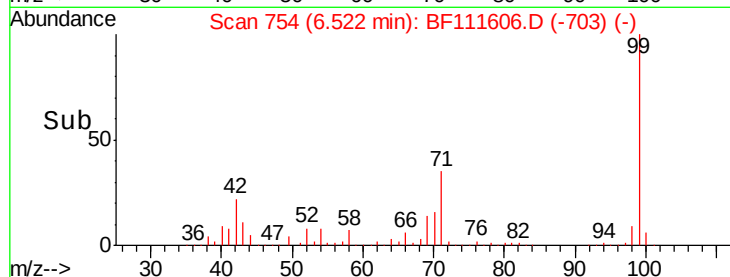
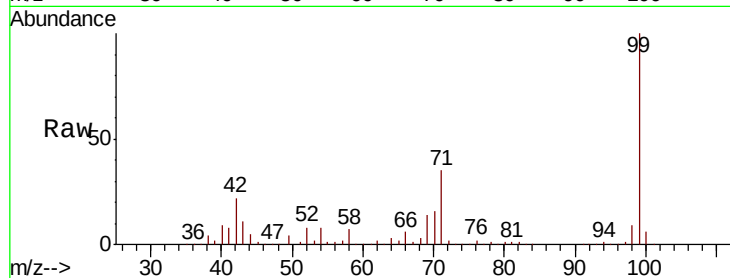
Tgt Ion: 99 Resp: 1695048

Ion Ratio Lower Upper

99 100

42 22.2 17.4 26.0

71 35.3 26.1 39.1



#8

2-Chlorophenol

Concen: 0.042 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

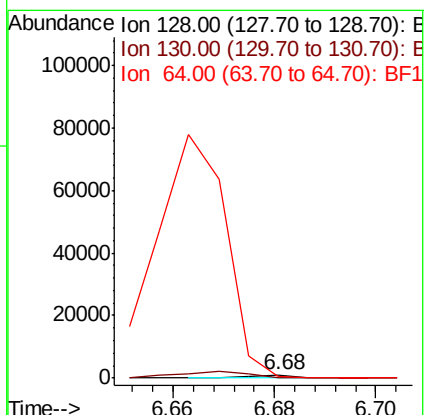
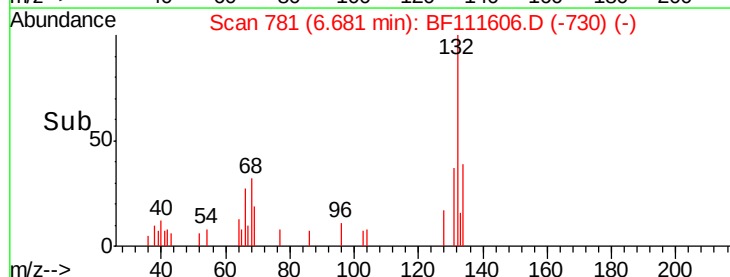
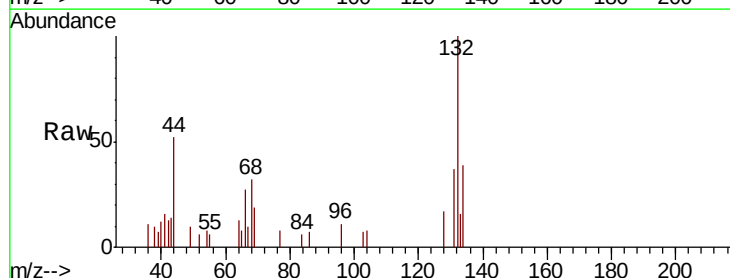
Tgt Ion: 128 Resp: 531

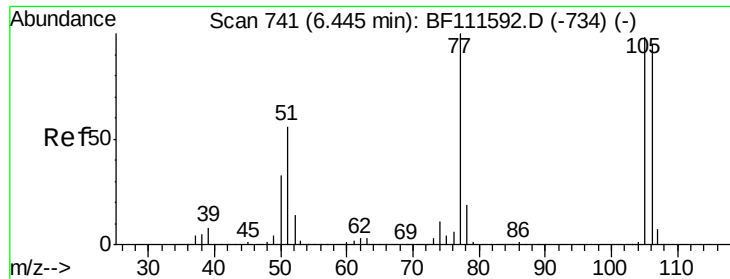
Ion Ratio Lower Upper

128 100

130 0.0 12.7 52.7#

64 78.5 30.0 70.0#





#9

Benzaldehyde

Concen: 0.379 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.08 min

Lab File: BF111606.D

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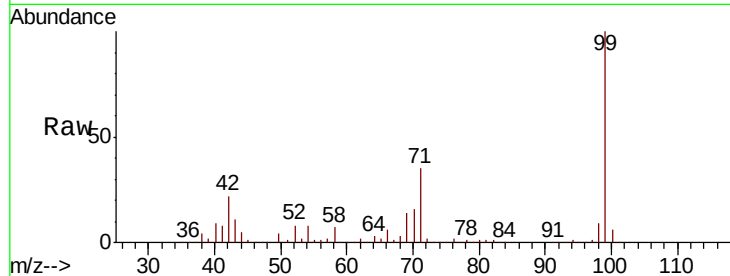
Tgt Ion: 77 Resp: 3793

Ion Ratio Lower Upper

77 100

105 0.0 81.4 121.4#

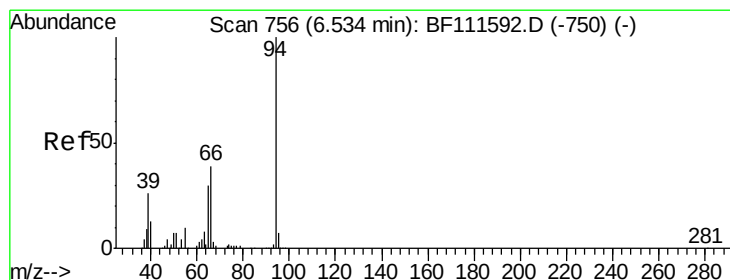
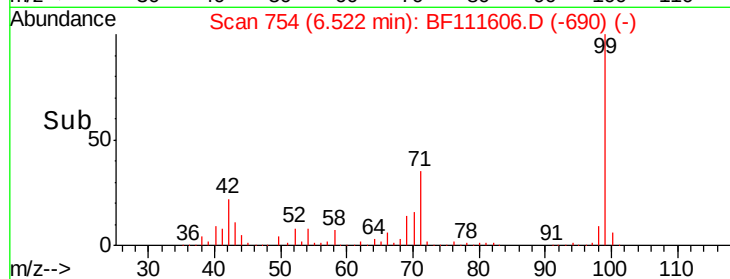
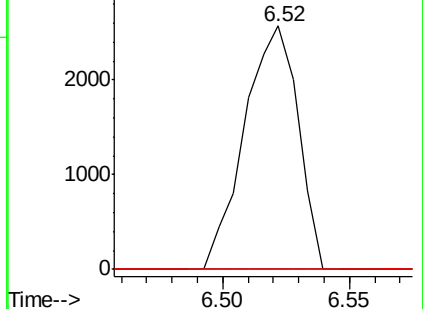
106 0.0 77.9 117.9#



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: 6.116 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

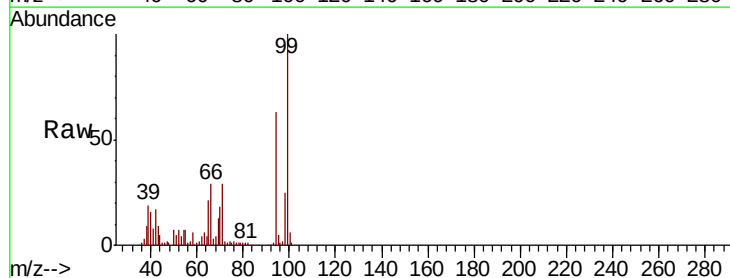
Tgt Ion: 94 Resp: 100420

Ion Ratio Lower Upper

94 100

65 33.5 11.7 51.7

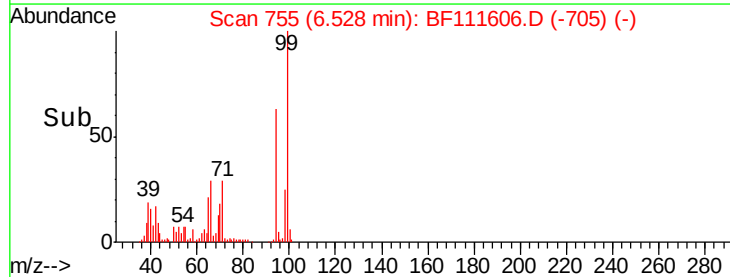
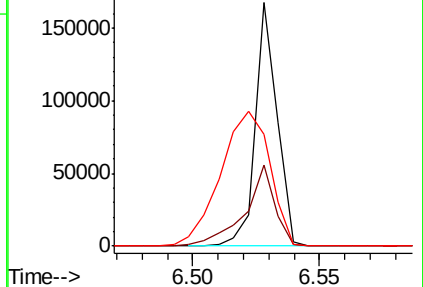
66 45.7 21.0 61.0

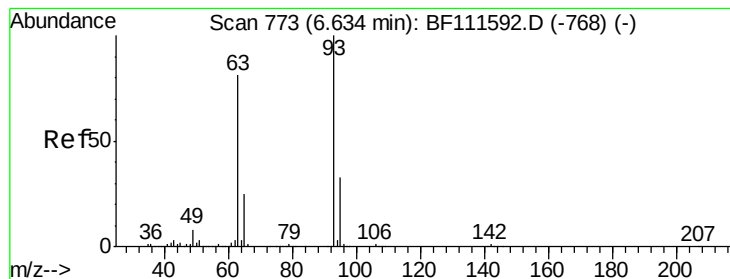


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.010 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.03 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Instrument :

BNA_F

ClientSampleId :

SUP-6-C-2-120718

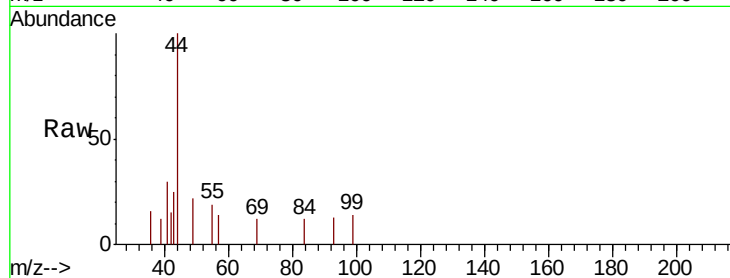
Tgt Ion: 93 Resp: 119

Ion Ratio Lower Upper

93 100

63 0.0 60.0 100.0#

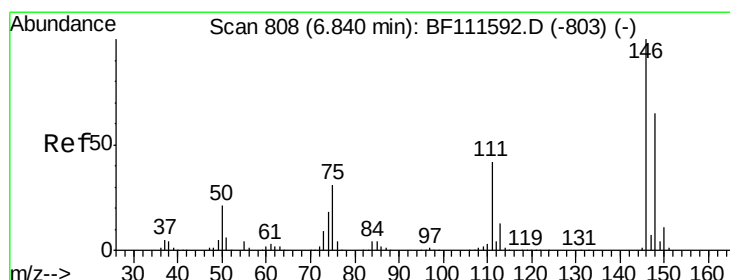
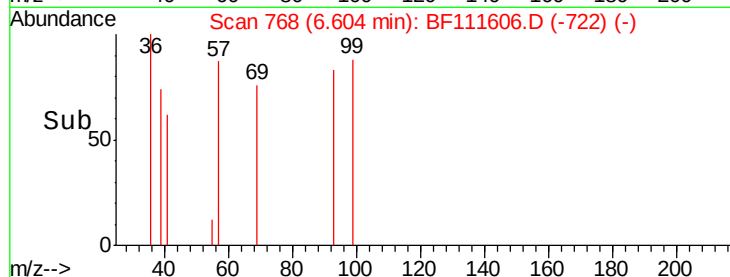
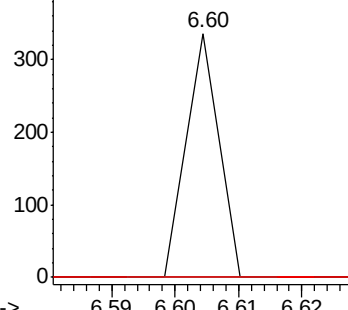
95 0.0 13.4 53.4#



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: 0.016 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.21 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

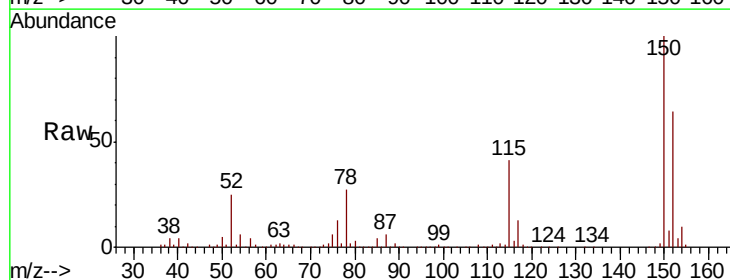
Tgt Ion: 146 Resp: 235

Ion Ratio Lower Upper

146 100

148 630.3 52.1 78.1#

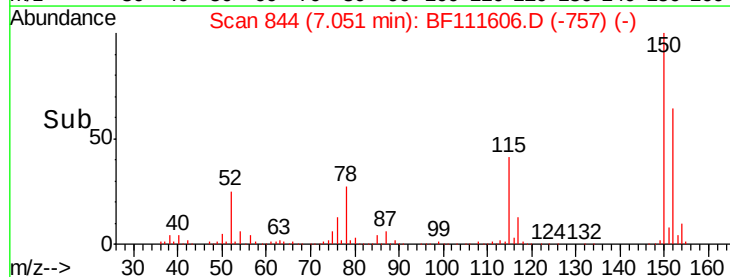
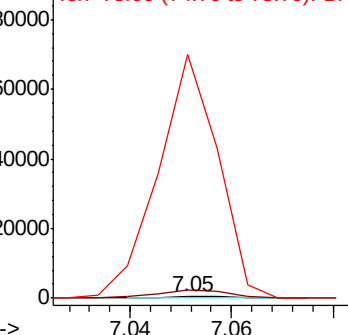
75 19651.7 23.9 35.9#

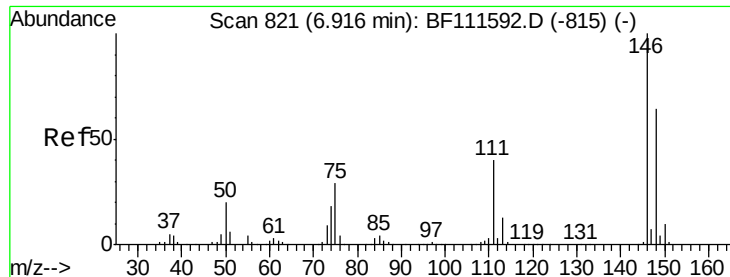


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

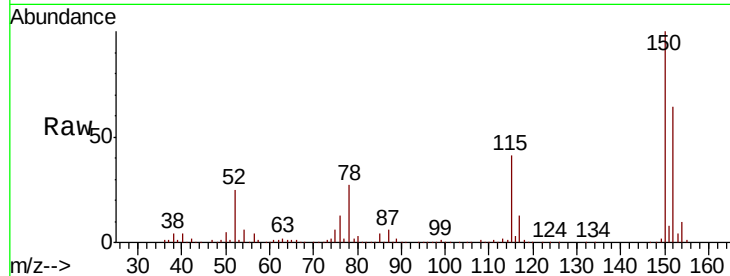




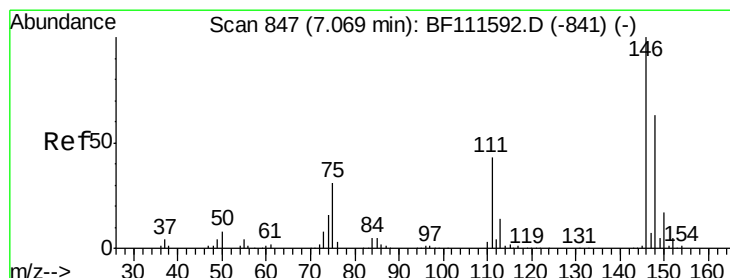
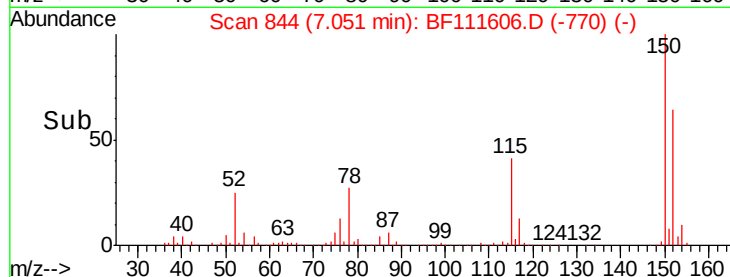
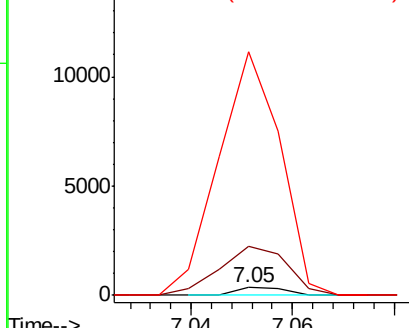
#13
 1,4-Dichlorobenzene
 Concen: 0.016 ng
 RT: 7.05 min Scan# 844
 Delta R.T. 0.14 min
 Lab File: BF111606.D
 Acq: 19 Dec 2018 22:39

Instrument :
 BNA_F
 ClientSampleId :
 SUP-6-C-2-120718

Tgt Ion:146 Resp: 235
 Ion Ratio Lower Upper
 146 100
 148 630.3 52.8 79.2#
 111 3128.1 33.4 50.0#

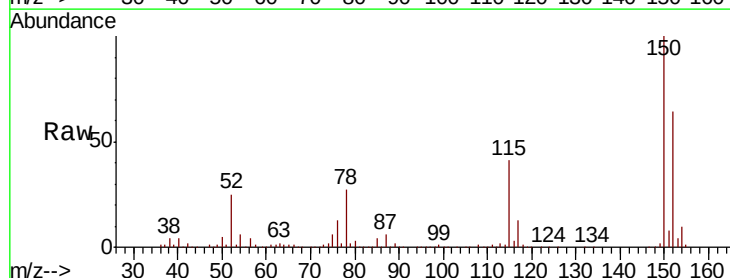


Abundance Ion 146.00 (145.70 to 146.70): E
 15000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

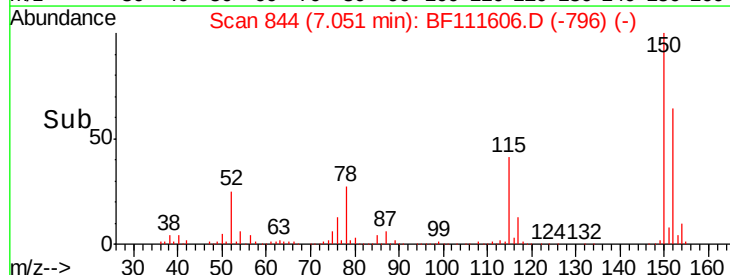
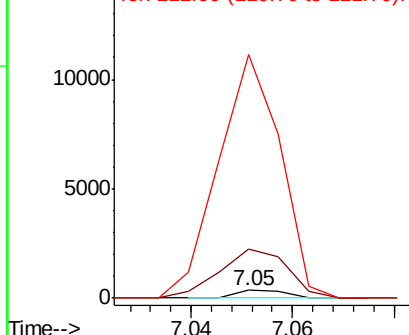


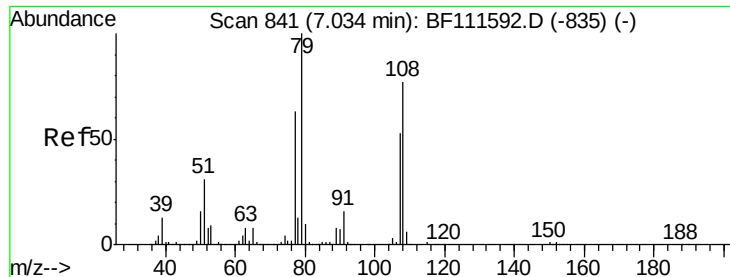
#14
 1,2-Dichlorobenzene
 Concen: 0.017 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BF111606.D
 Acq: 19 Dec 2018 22:39

Tgt Ion:146 Resp: 235
 Ion Ratio Lower Upper
 146 100
 148 630.3 51.9 77.9#
 111 3128.1 36.2 54.4#



Abundance Ion 146.00 (145.70 to 146.70): E
 15000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

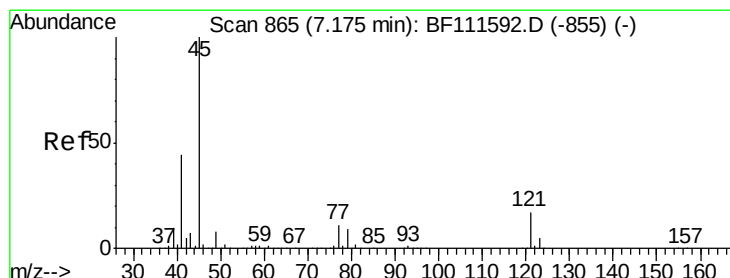
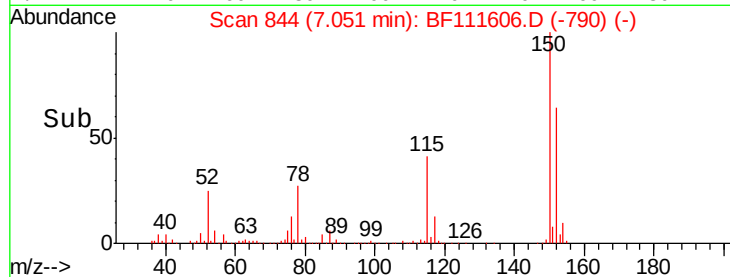
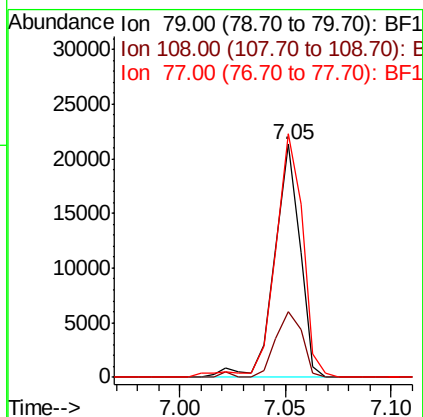
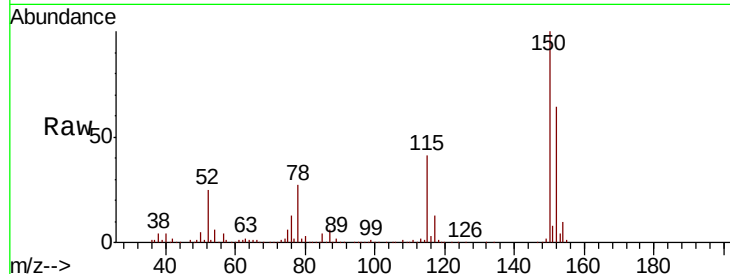




#15
Benzyl Alcohol
Concen: 1.548 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.02 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

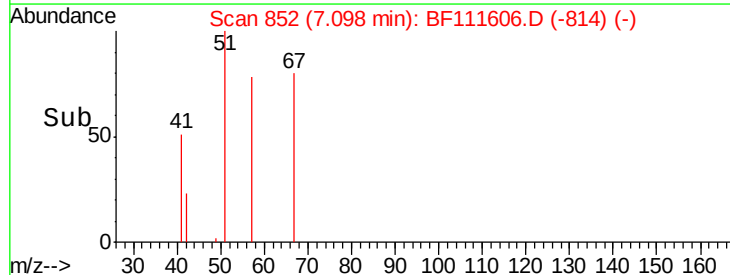
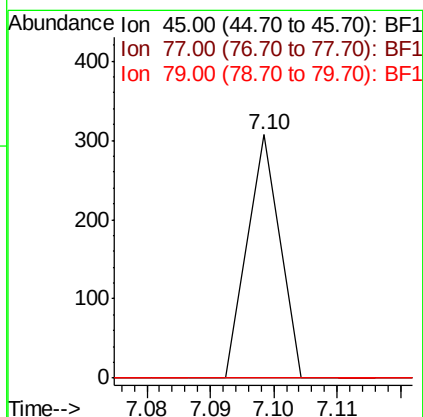
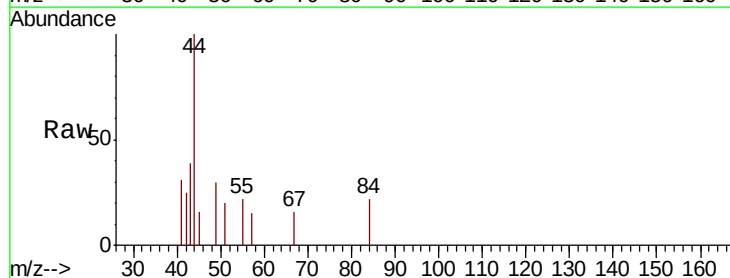
Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

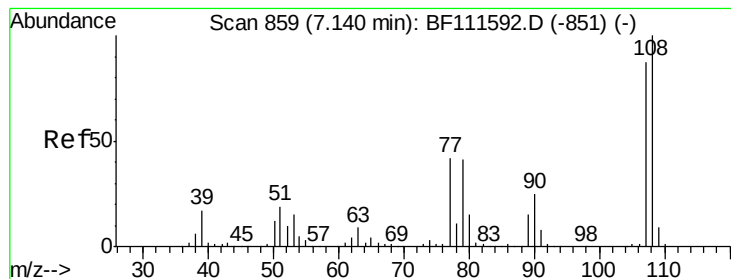
Tgt Ion: 79 Resp: 17889
Ion Ratio Lower Upper
79 100
108 28.2 69.4 104.2#
77 104.6 49.7 74.5#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.005 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.08 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion: 45 Resp: 108
Ion Ratio Lower Upper
45 100
77 0.0 0.0 31.5
79 0.0 0.0 28.9





#17

2-Methylphenol

Concen: 0.017 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.12 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Instrument :

BNA_F

ClientSampleId :

SUP-6-C-2-120718

Tgt Ion: 107 Resp: 177

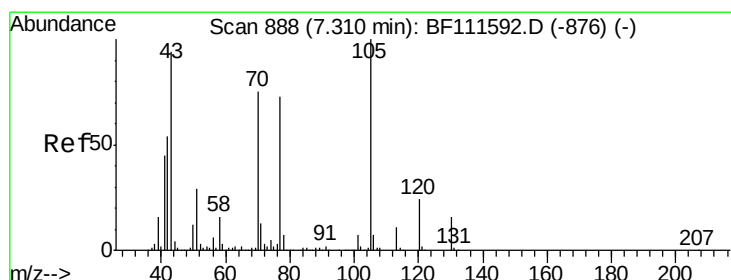
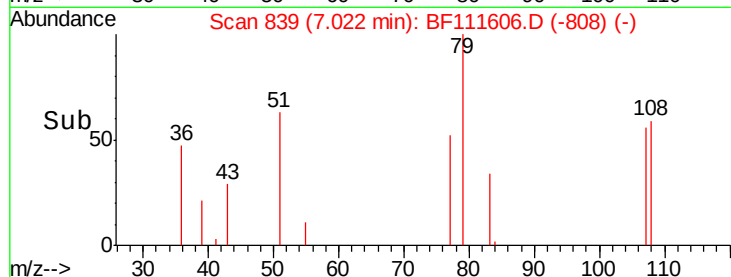
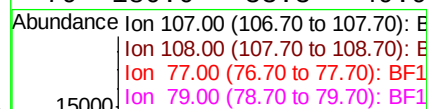
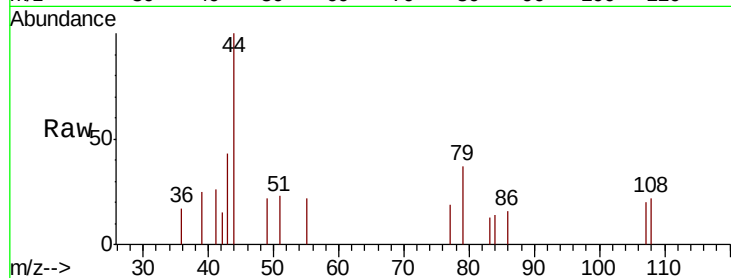
Ion Ratio Lower Upper

107 100

108 107.0 91.0 136.4

77 93.2 33.5 50.3#

79 180.0 33.3 49.9#



#19

n-Nitroso-di-n-propylamine

Concen: 14.822 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Tgt Ion: 70 Resp: 143231

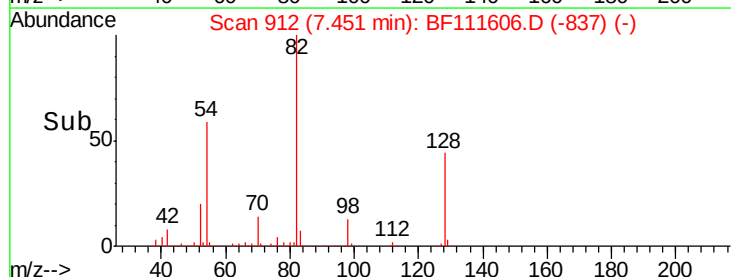
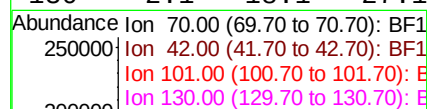
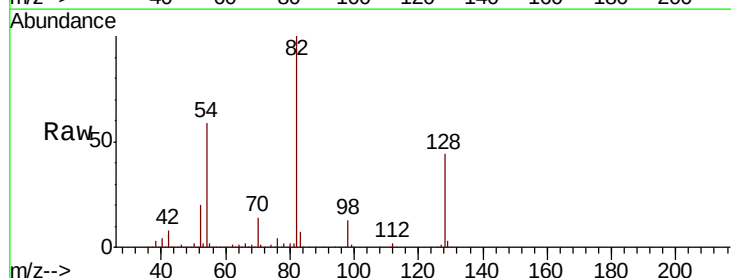
Ion Ratio Lower Upper

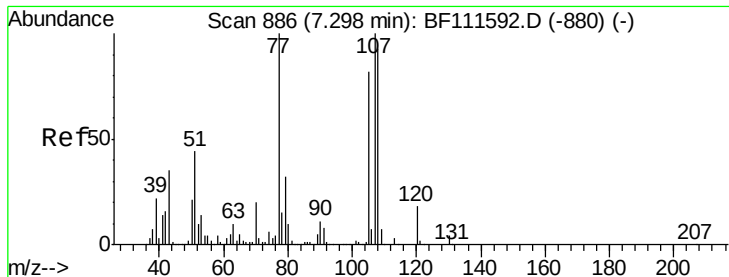
70 100

42 58.2 53.2 79.8

101 0.0 8.2 12.4#

130 2.1 18.1 27.1#





#20

3+4-Methylphenols

Concen: 0.031 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

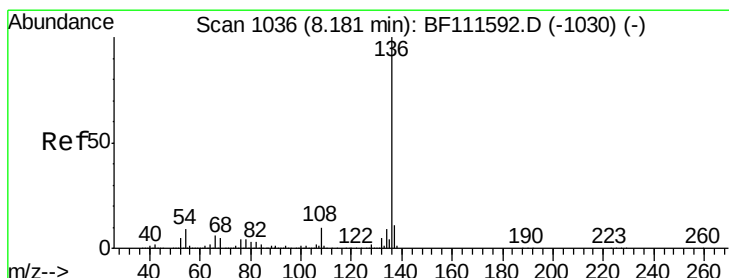
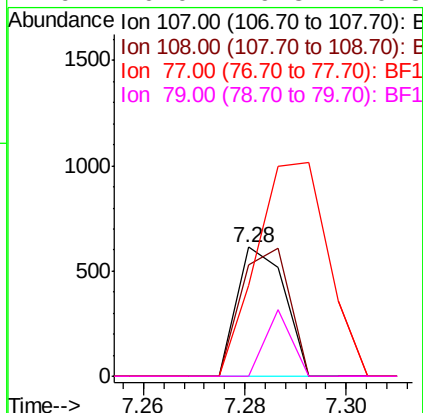
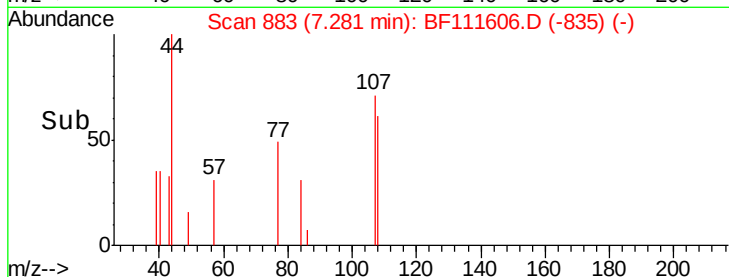
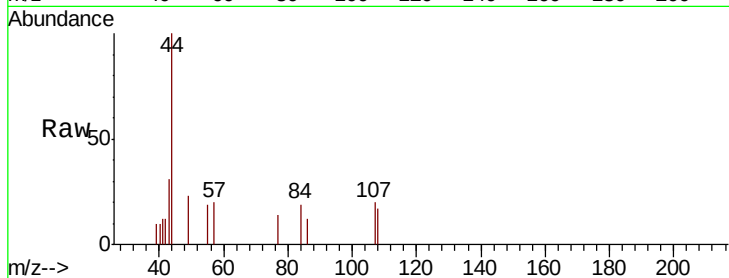
Instrument :

BNA_F

ClientSampleId :

SUP-6-C-2-120718

Tgt Ion:	107	Resp:	399
Ion	Ratio	Lower	Upper
107	100		
108	86.6	72.1	112.1
77	70.1	94.1	134.1#
79	0.0	9.8	49.8#



#21

Naphthalene-d8

Concen: 20.000 ng

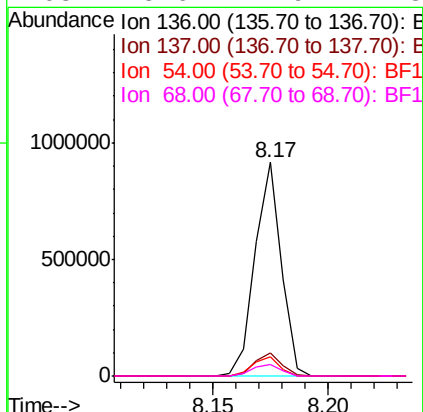
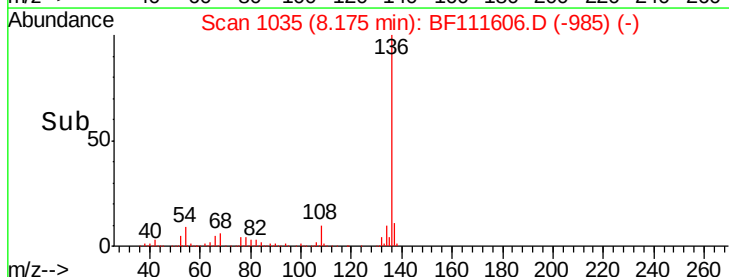
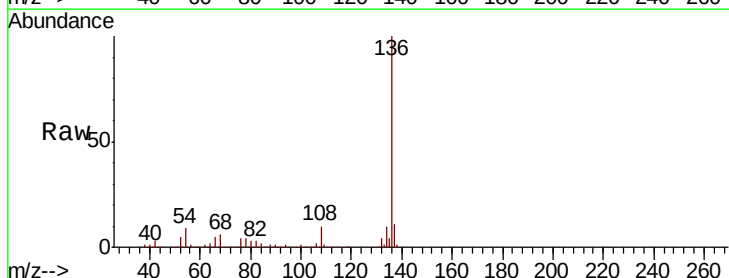
RT: 8.17 min Scan# 1035

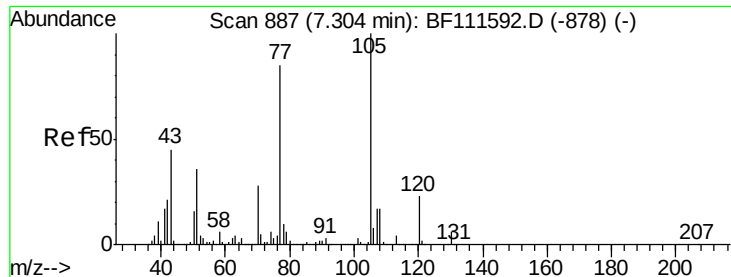
Delta R.T. -0.01 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Tgt Ion:	136	Resp:	728603
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	9.1	7.7	11.5
68	5.6	4.9	7.3





#22

Acetophenone

Concen: 0.042 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Instrument :

BNA_F

ClientSampleId :

SUP-6-C-2-120718

Tgt Ion: 105 Resp: 784

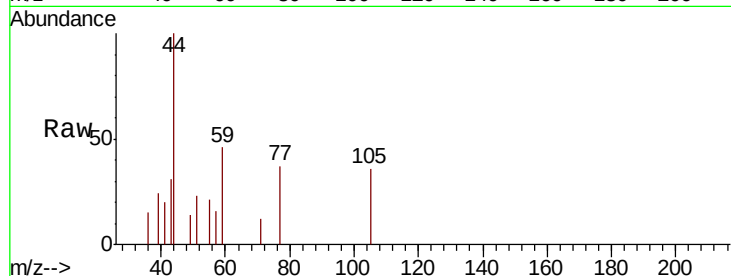
Ion Ratio Lower Upper

105 100

71 32.8 3.1 4.7#

51 66.1 36.6 54.8#

120 0.0 18.2 27.4#



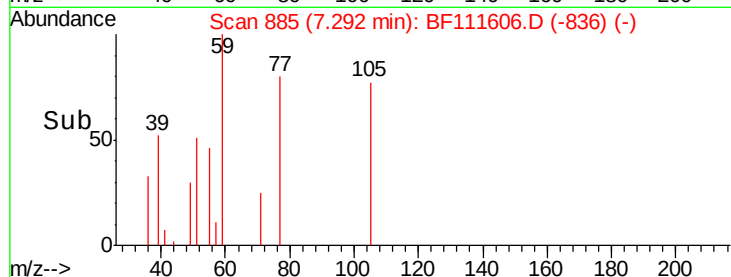
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

Time-->



Abundance

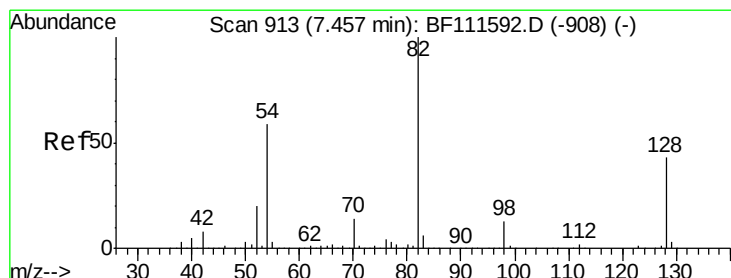
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

Time-->



#23

Nitrobenzene-d5

Concen: 83.563 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

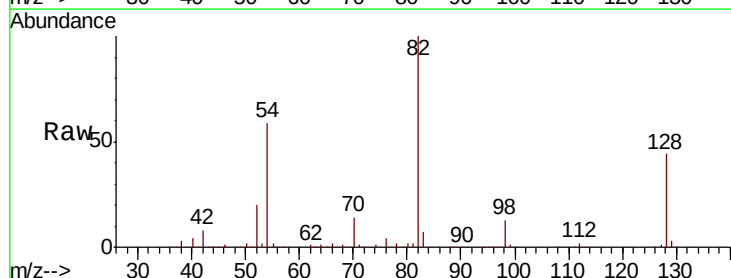
Tgt Ion: 82 Resp: 1045985

Ion Ratio Lower Upper

82 100

128 43.7 37.4 56.2

54 59.2 47.6 71.4

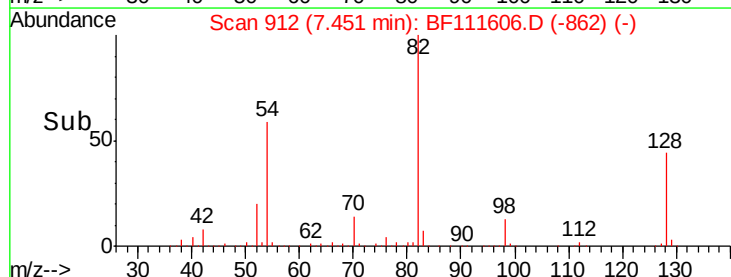


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

Time-->



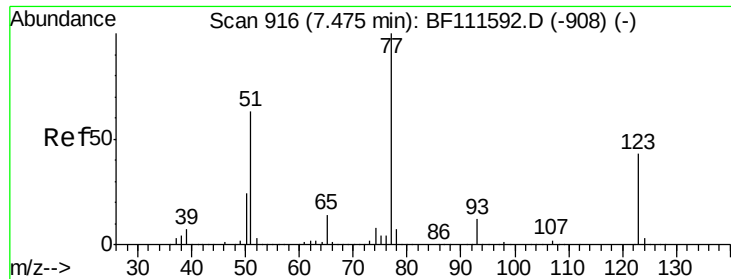
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

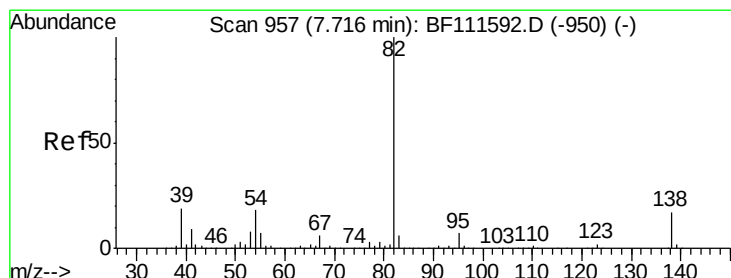
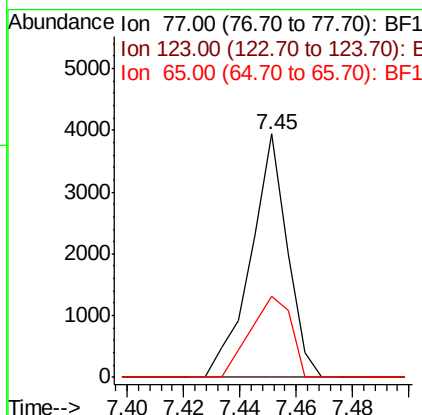
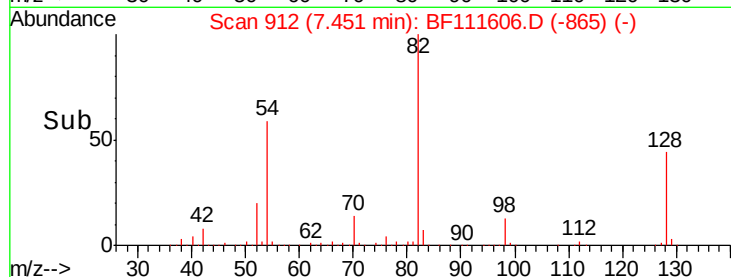
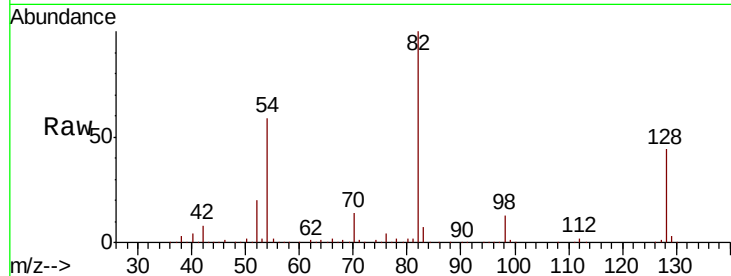
Time-->



#24
Nitrobenzene
Concen: 0.270 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

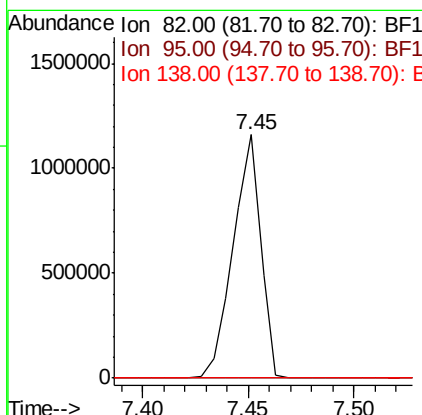
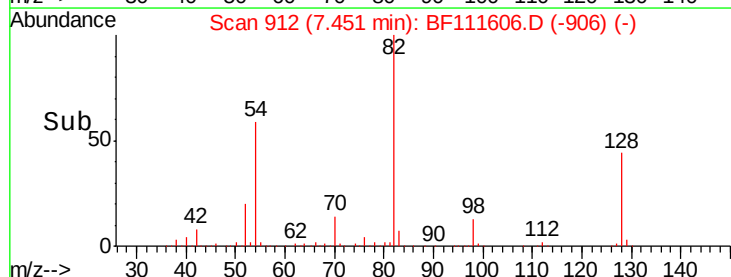
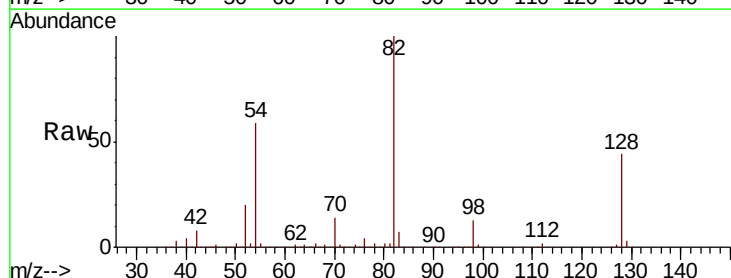
Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

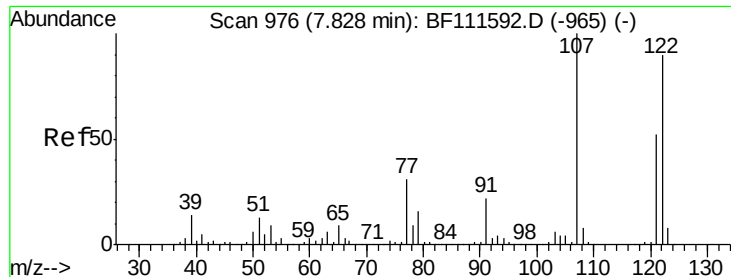
Tgt Ion: 77 Resp: 3539
Ion Ratio Lower Upper
77 100
123 0.0 37.2 55.8#
65 33.0 11.5 17.3#



#25
Isophorone
Concen: 47.060 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion: 82 Resp: 1045758
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#

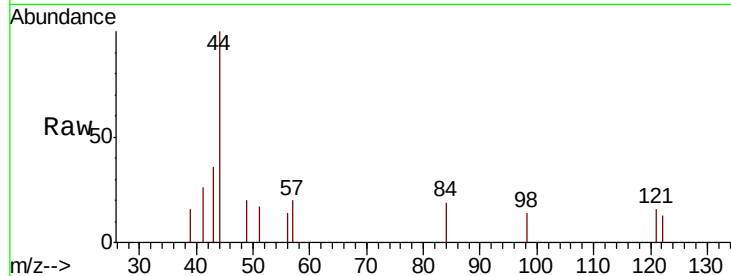




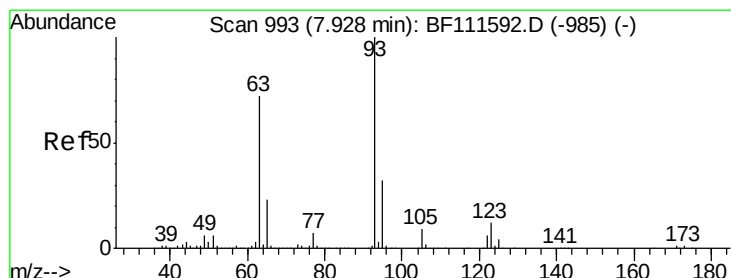
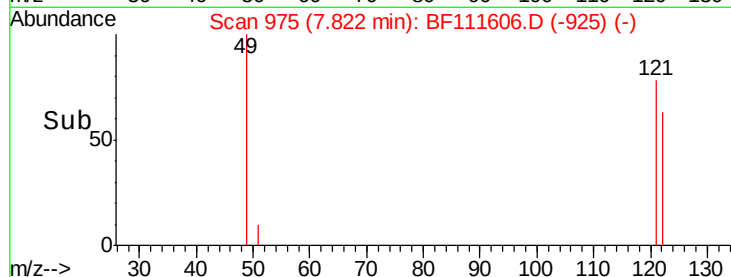
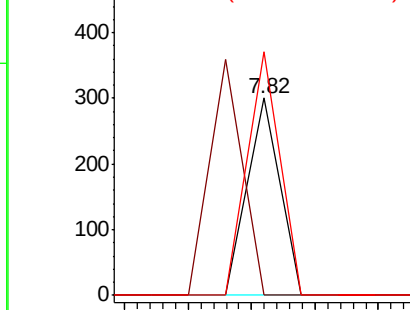
#27
2,4-Dimethylphenol
Concen: 0.010 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion: 122 Resp: 106
Ion Ratio Lower Upper
122 100
107 0.0 85.5 128.3#
121 123.7 46.6 70.0#

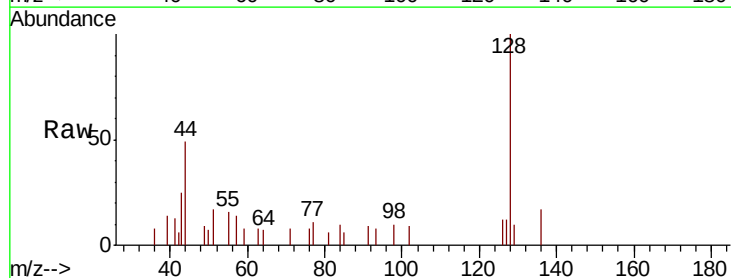


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

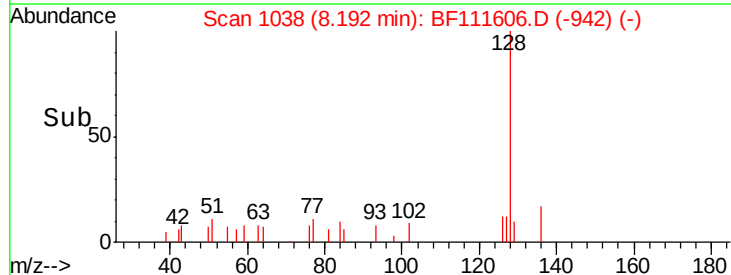
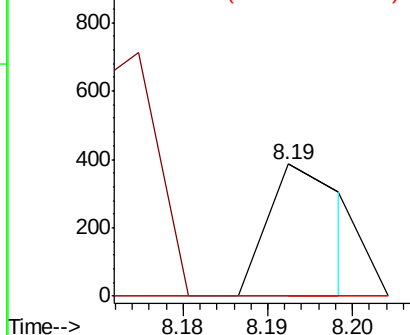


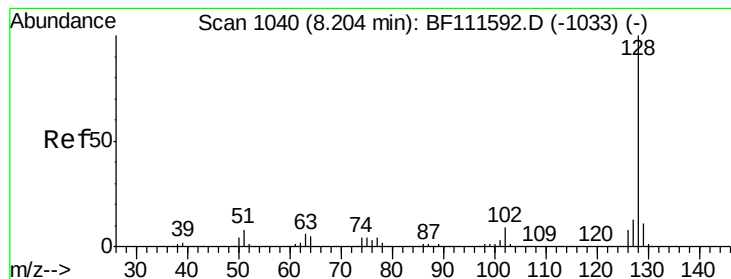
#28
bis(2-Chloroethoxy)methane
Concen: 0.016 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.26 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion: 93 Resp: 243
Ion Ratio Lower Upper
93 100
95 0.0 27.1 40.7#
123 0.0 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





#31

Naphthalene

Concen: 0.114 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Instrument :

BNA_F

ClientSampleId :

SUP-6-C-2-120718

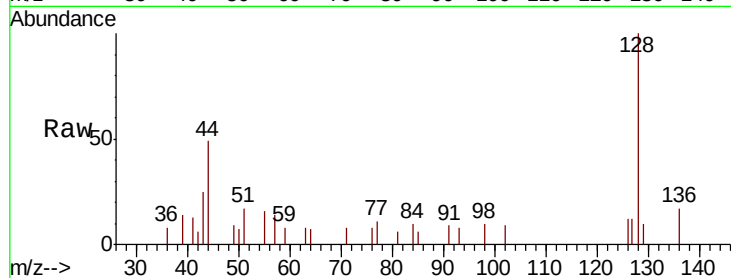
Tgt Ion:128 Resp: 3989

Ion Ratio Lower Upper

128 100

129 10.3 9.8 14.8

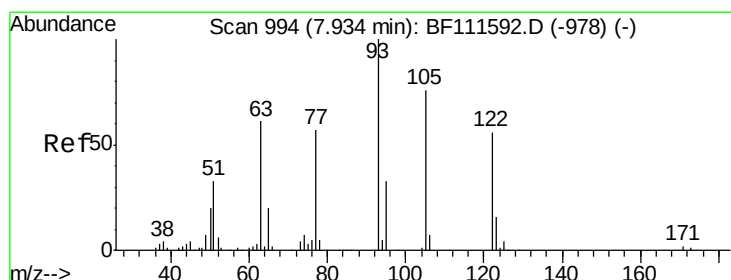
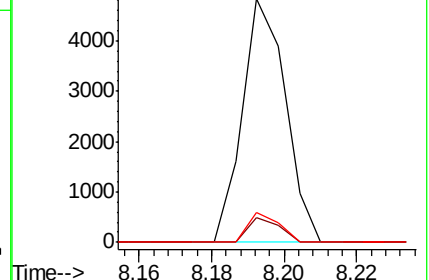
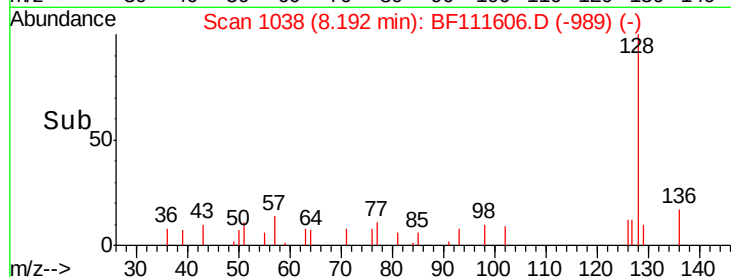
127 12.0 12.0 18.0



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: 0.015 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.11 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

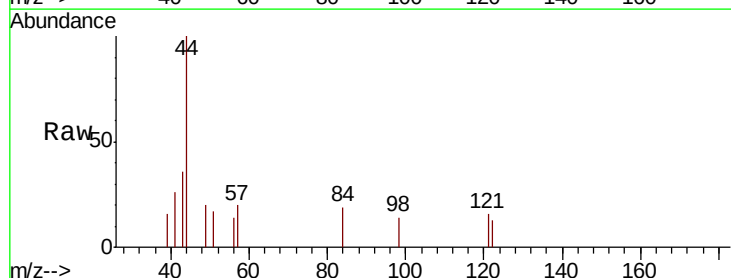
Tgt Ion:122 Resp: 106

Ion Ratio Lower Upper

122 100

105 0.0 97.0 137.0#

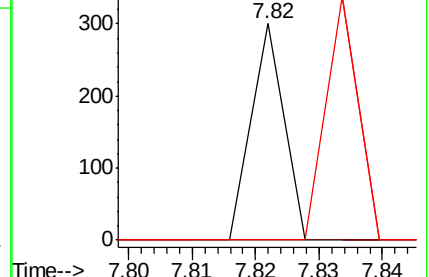
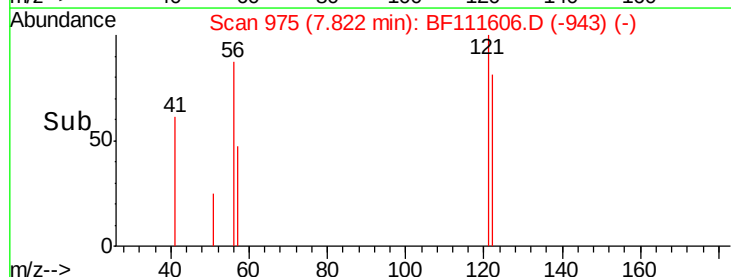
77 0.0 65.7 105.7#

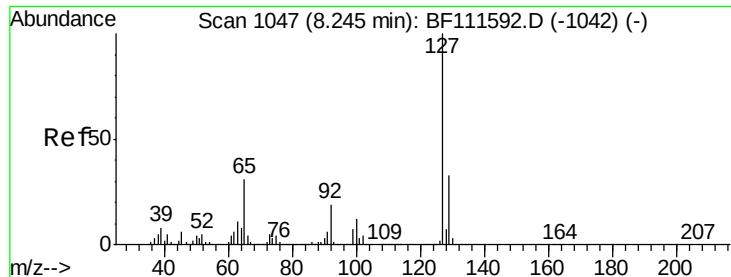


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

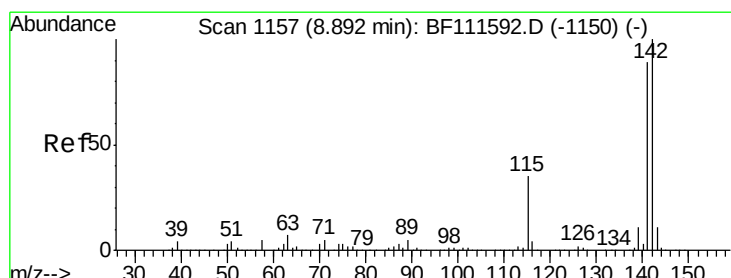
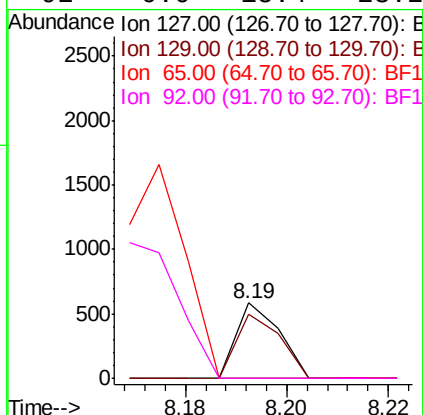
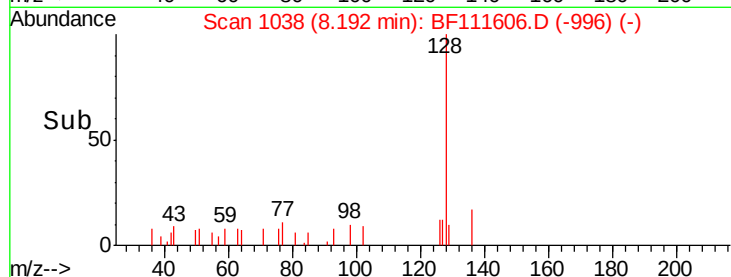
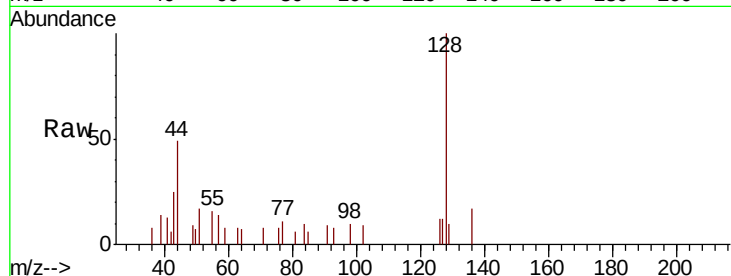




#33
4-Chloroaniline
Concen: 0.023 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.05 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

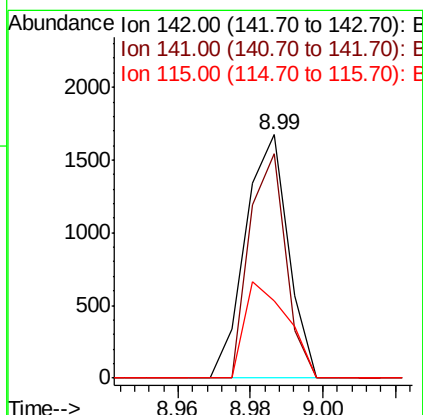
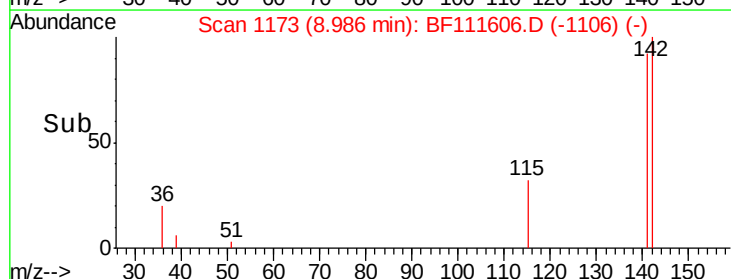
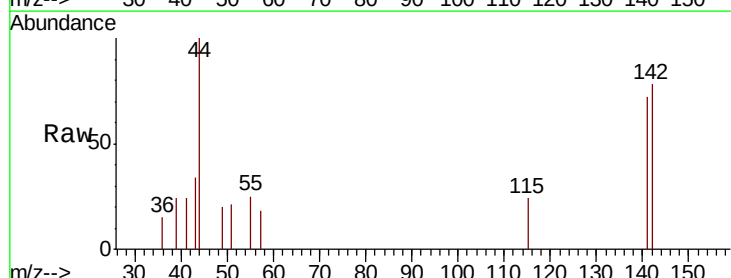
Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

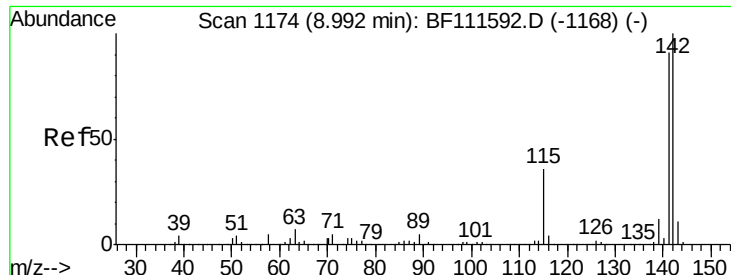
Tgt Ion:127 Resp: 342
Ion Ratio Lower Upper
127 100
129 85.6 26.6 39.8#
65 0.0 25.7 38.5#
92 0.0 15.4 23.2#



#37
2-Methylnaphthalene
Concen: 0.061 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.09 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:142 Resp: 1381
Ion Ratio Lower Upper
142 100
141 92.4 70.6 105.8
115 31.5 27.0 40.6

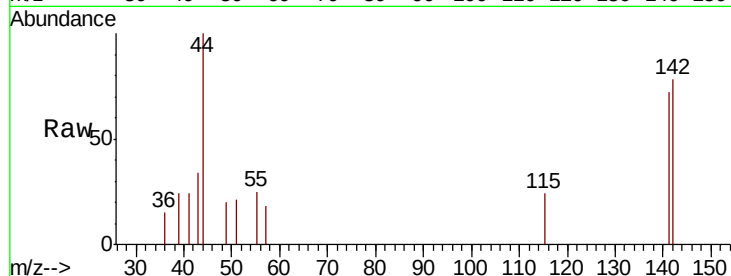




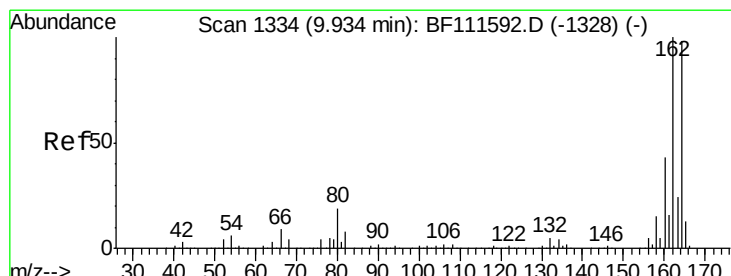
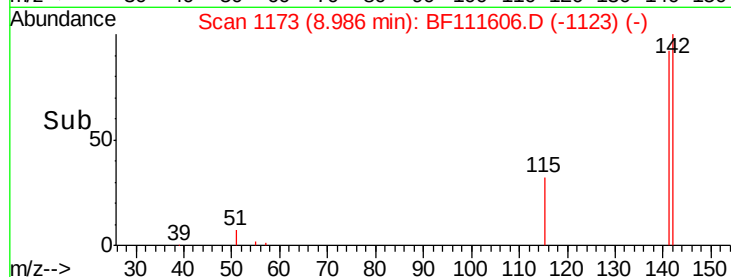
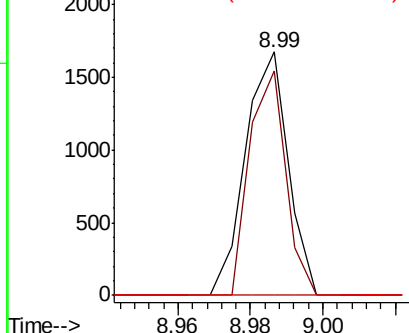
#38
1-Methylnaphthalene
Concen: 0.063 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:142 Resp: 1381
Ion Ratio Lower Upper
142 100
141 92.4 74.2 111.4
116 0.0 2.9 4.3#

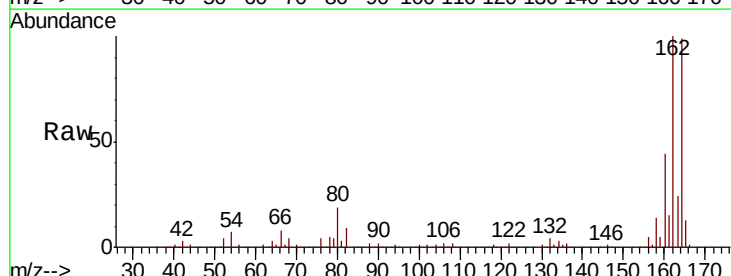


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

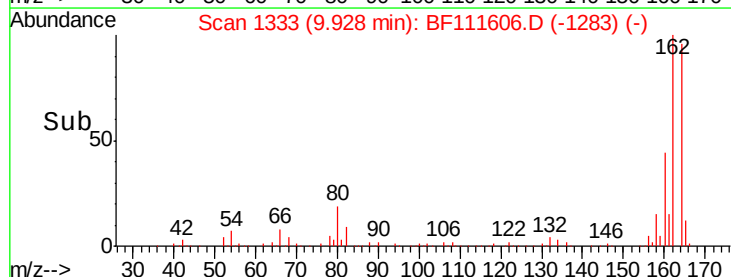
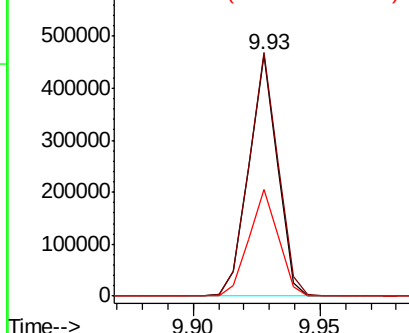


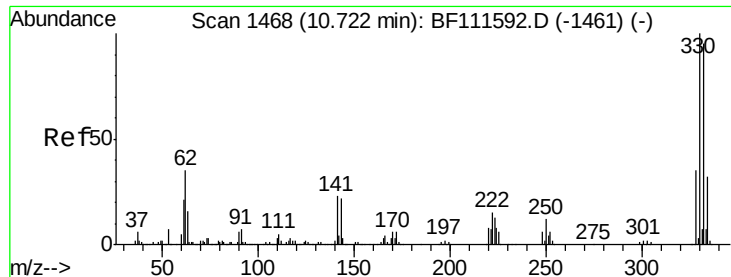
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:164 Resp: 366195
Ion Ratio Lower Upper
164 100
162 100.9 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

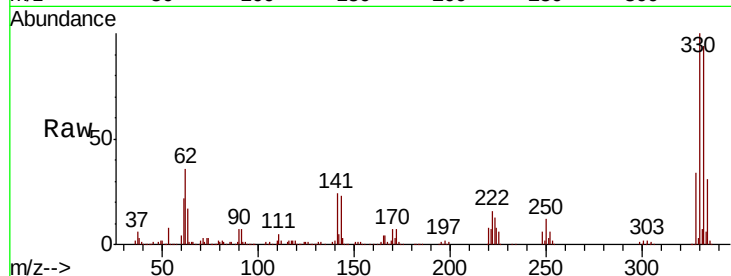




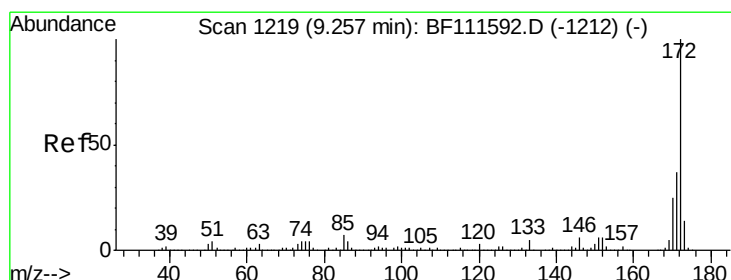
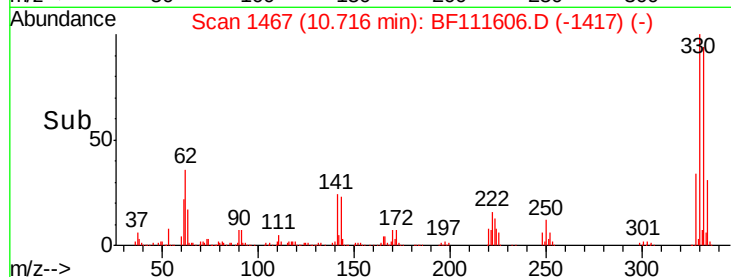
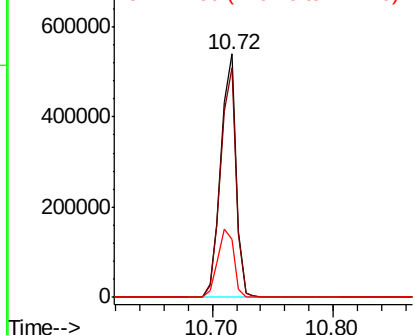
#42
 2,4,6-Tribromophenol
 Concen: 108.600 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111606.D
 Acq: 19 Dec 2018 22:39

Instrument :
 BNA_F
 ClientSampleId :
 SUP-6-C-2-120718

Tgt Ion:330 Resp: 469900
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.0 114.0
 141 29.6 31.0 46.6#

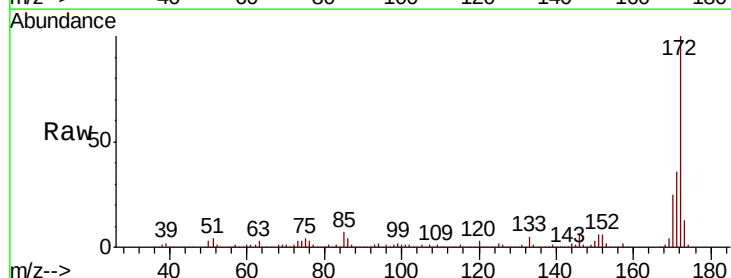


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

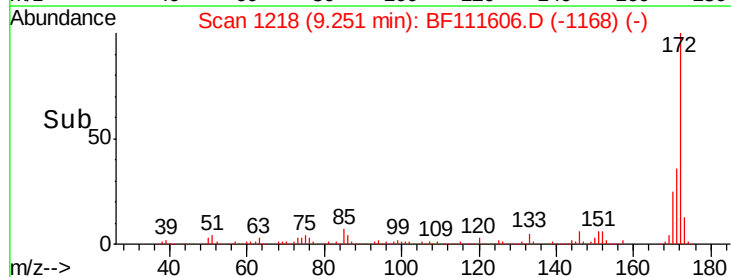
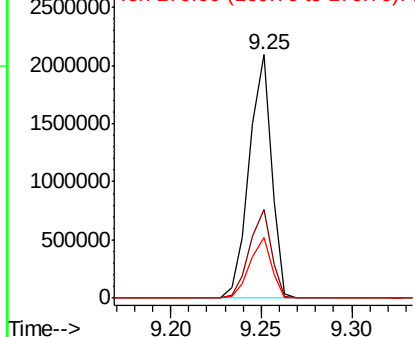


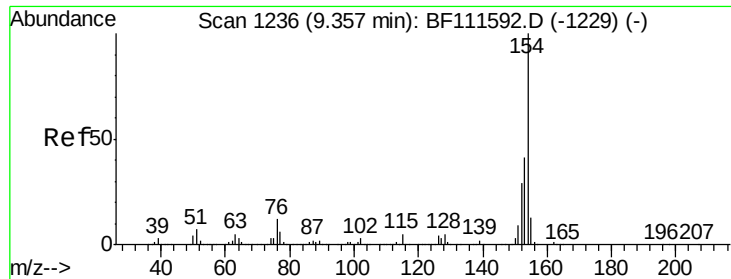
#45
 2-Fluorobiphenyl
 Concen: 71.311 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111606.D
 Acq: 19 Dec 2018 22:39

Tgt Ion:172 Resp: 1791595
 Ion Ratio Lower Upper
 172 100
 171 36.4 33.0 49.4
 170 24.6 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

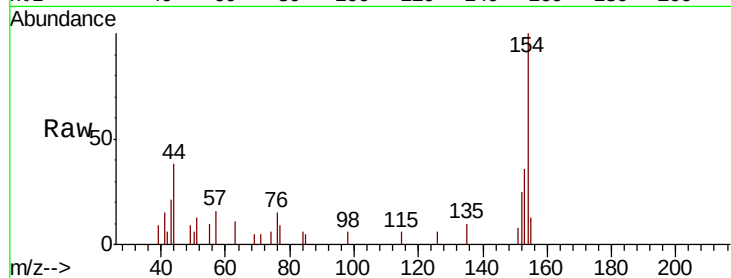




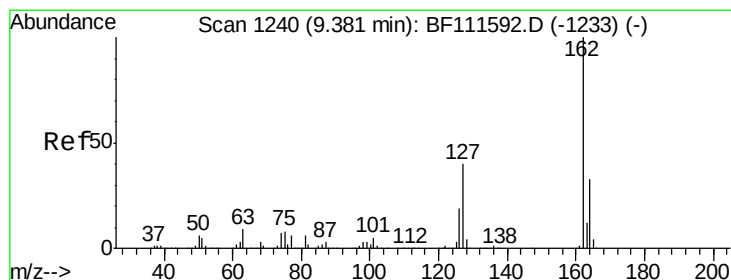
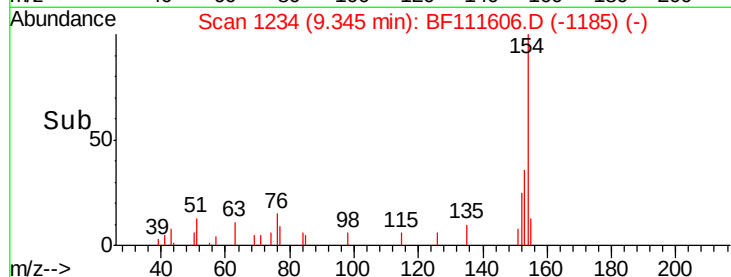
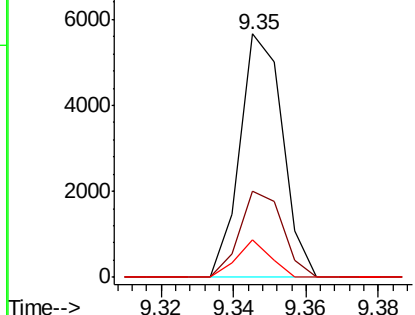
#46
1,1'-Biphenyl
Concen: 0.151 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:154 Resp: 4663
Ion Ratio Lower Upper
154 100
153 35.6 23.7 63.7
76 15.4 0.0 35.0

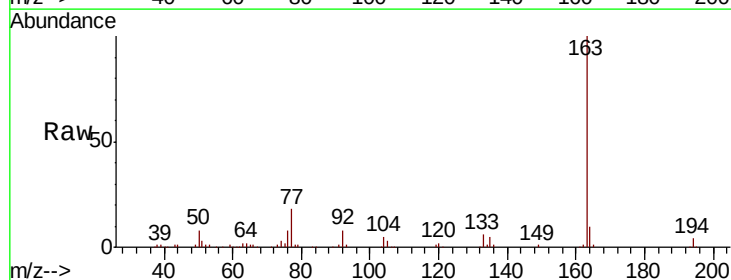


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

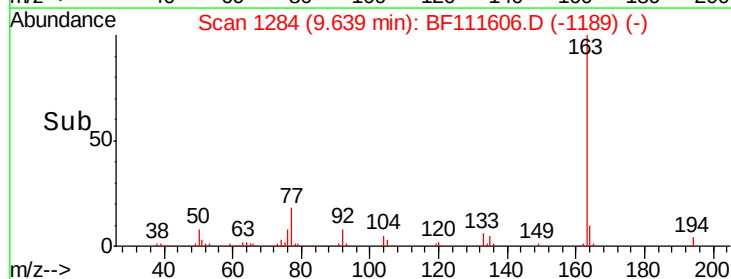
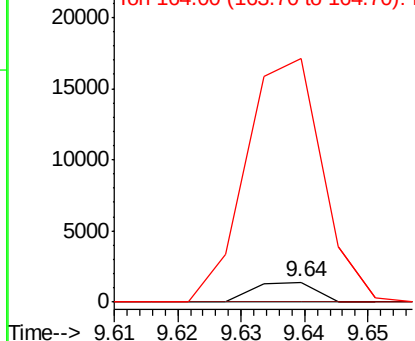


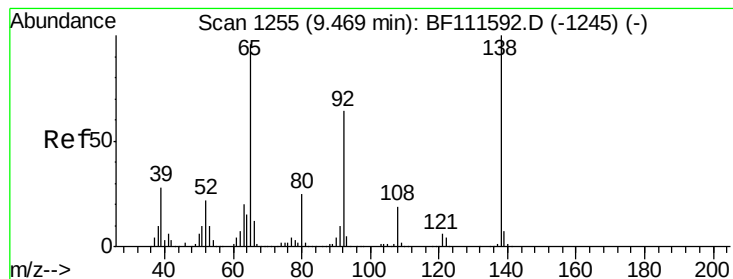
#47
2-Chloronaphthalene
Concen: 0.039 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.26 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:162 Resp: 956
Ion Ratio Lower Upper
162 100
127 0.0 35.0 52.4#
164 1212.2 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: 0.224 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.17 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Instrument :

BNA_F

ClientSampleId :

SUP-6-C-2-120718

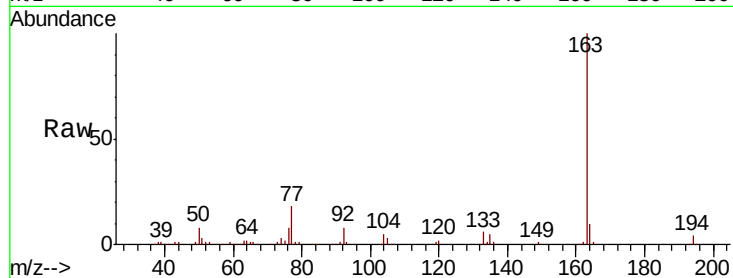
Tgt Ion: 65 Resp: 1426

Ion Ratio Lower Upper

65 100

92 850.1 53.5 80.3#

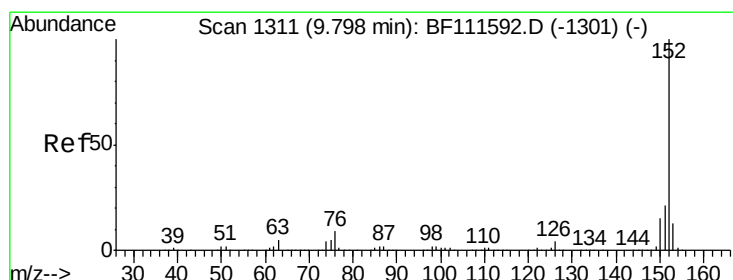
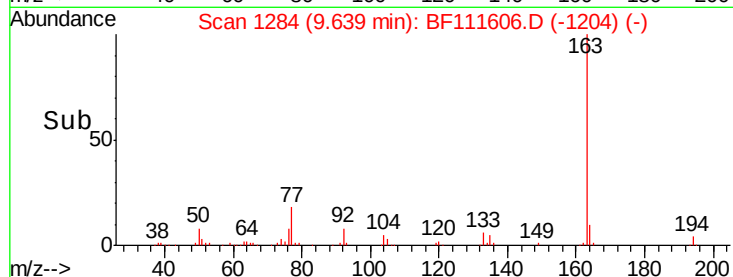
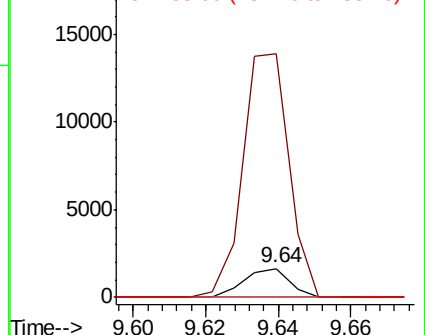
138 0.0 80.9 121.3#



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): BF1



#49

Acenaphthylene

Concen: 0.072 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

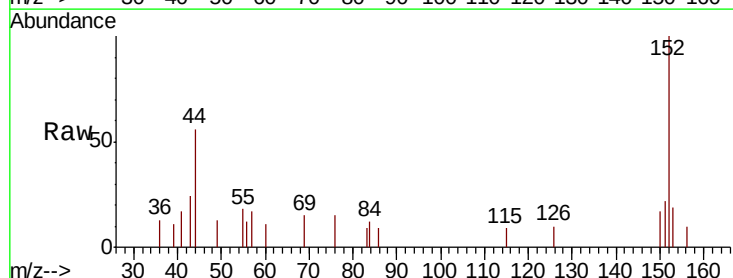
Tgt Ion: 152 Resp: 2589

Ion Ratio Lower Upper

152 100

151 22.2 18.0 27.0

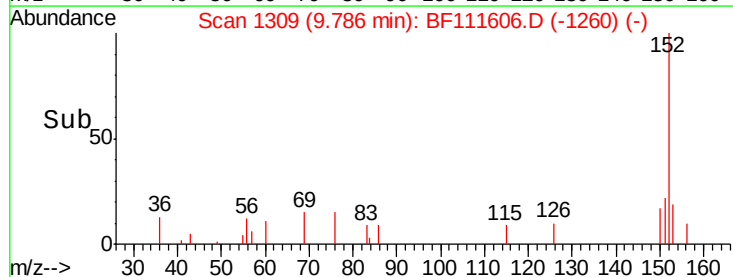
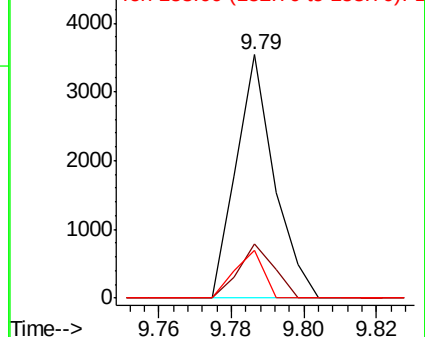
153 19.5 12.3 18.5#

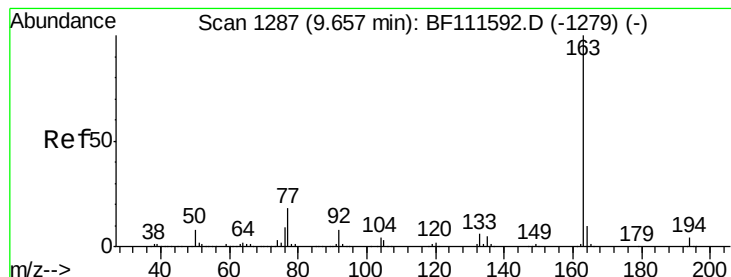


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Dimethylphthalate

Concen: 5.320 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Instrument :

BNA_F

ClientSampleId :

SUP-6-C-2-120718

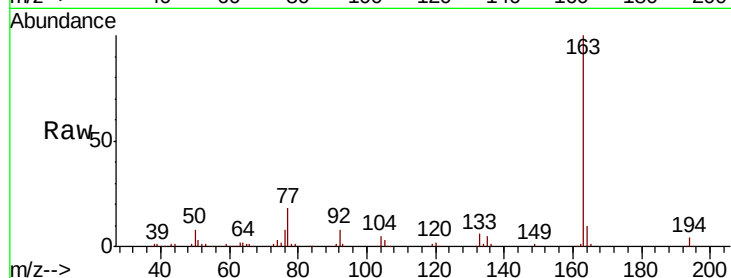
Tgt Ion:163 Resp: 142468

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

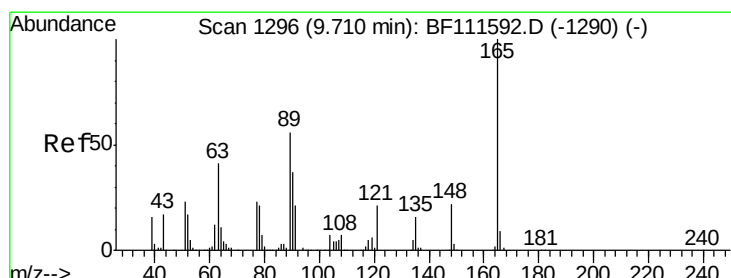
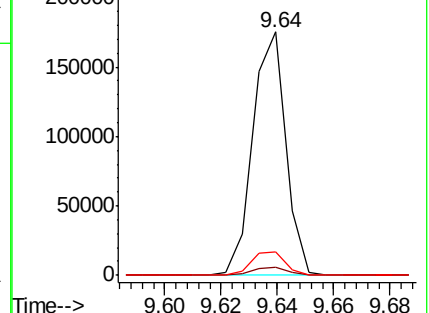
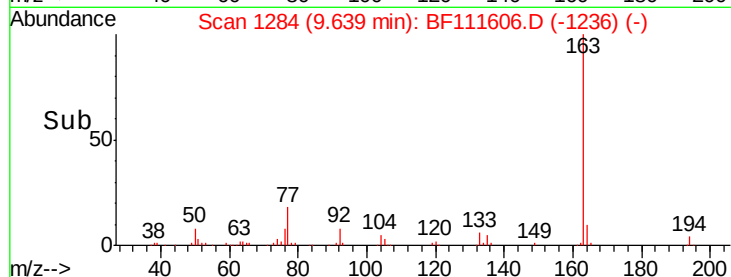
164 9.8 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 8.768 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.22 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

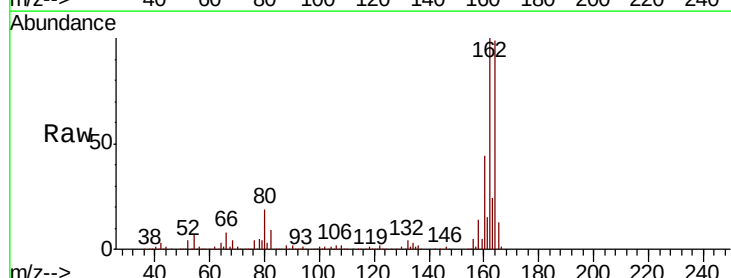
Tgt Ion:165 Resp: 46818

Ion Ratio Lower Upper

165 100

63 1.6 40.5 60.7#

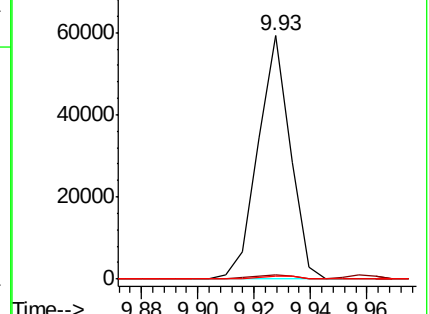
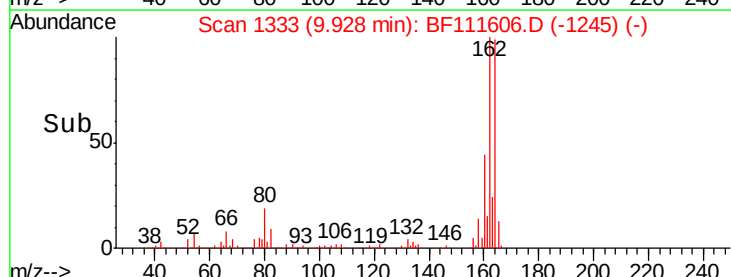
89 1.3 40.0 60.0#

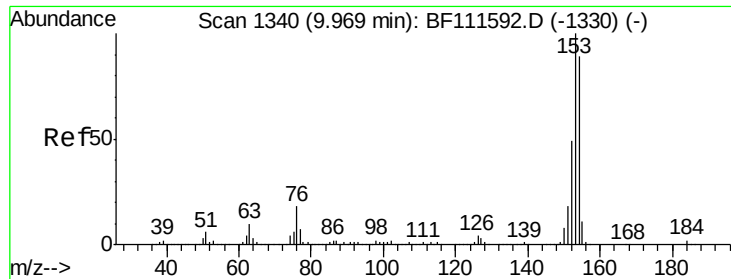


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 0.334 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Instrument :

BNA_F

ClientSampleId :

SUP-6-C-2-120718

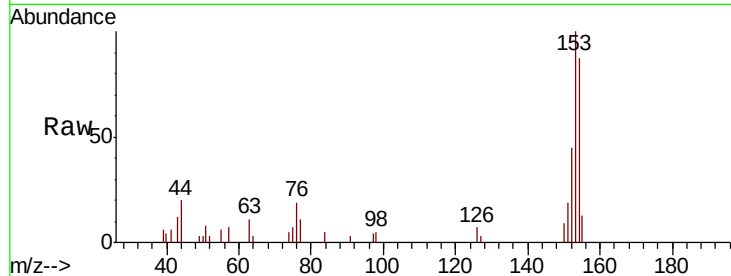
Tgt Ion:154 Resp: 7365

Ion Ratio Lower Upper

154 100

153 114.7 87.8 131.8

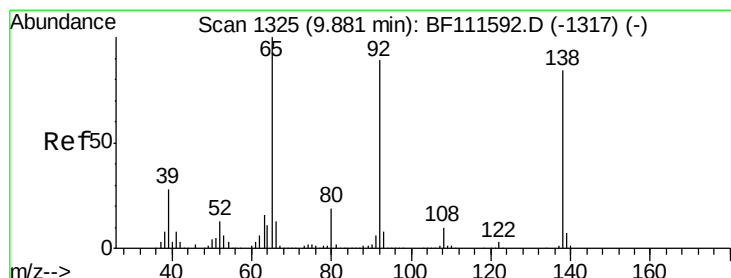
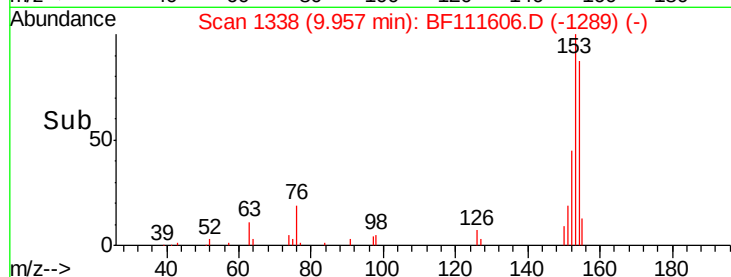
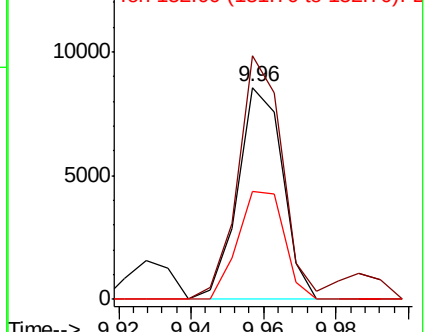
152 51.1 43.4 65.2



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: 0.020 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.25 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

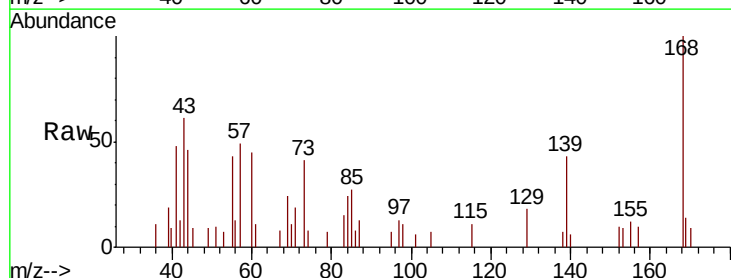
Tgt Ion:138 Resp: 113

Ion Ratio Lower Upper

138 100

108 0.0 8.2 12.4#

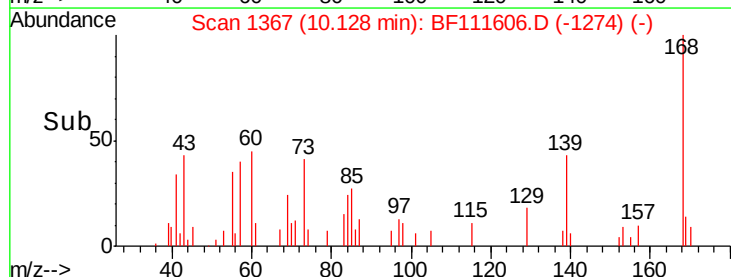
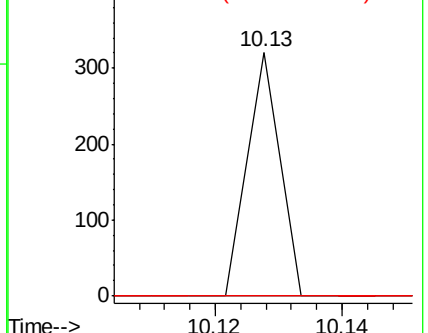
92 0.0 93.4 140.2#

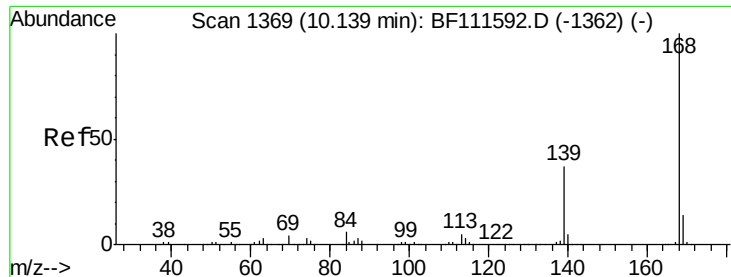


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

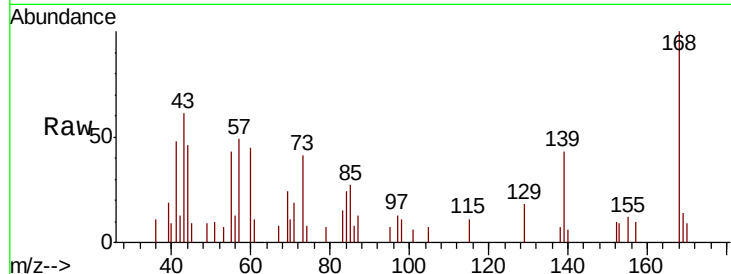




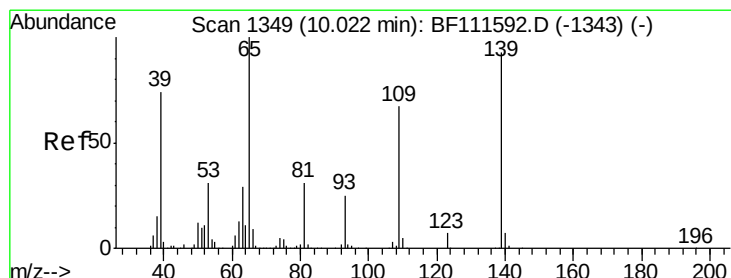
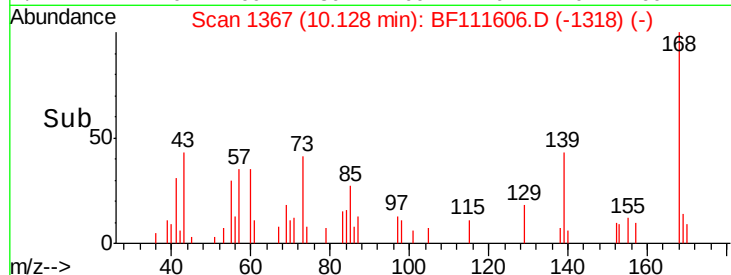
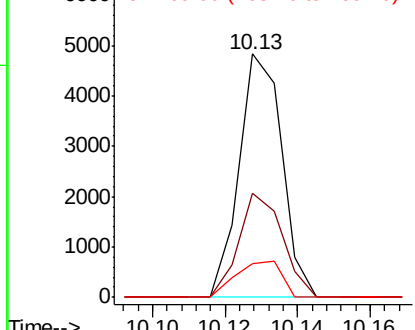
#55
Dibenzofuran
Concen: 0.120 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:168 Resp: 3995
Ion Ratio Lower Upper
168 100
139 42.5 32.6 49.0
169 13.7 11.8 17.6

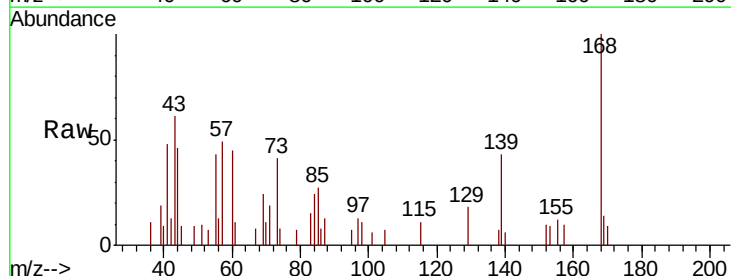


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

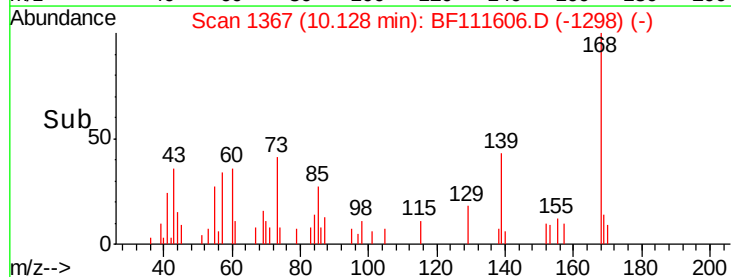
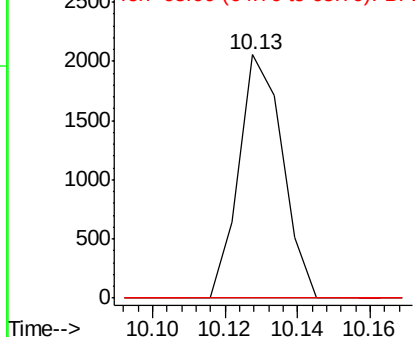


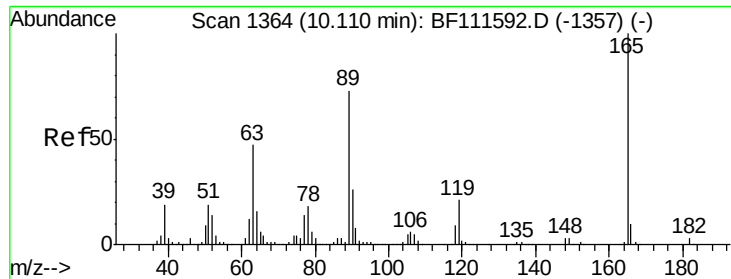
#56
4-Nitrophenol
Concen: 0.399 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.11 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:139 Resp: 1736
Ion Ratio Lower Upper
139 100
109 0.0 41.8 81.8#
65 0.0 79.6 119.6#



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





#57

2,4-Dinitrotoluene

Concen: 7.295 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.18 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Instrument :

BNA_F

ClientSampleId :

SUP-6-C-2-120718

Tgt Ion:165 Resp: 46818

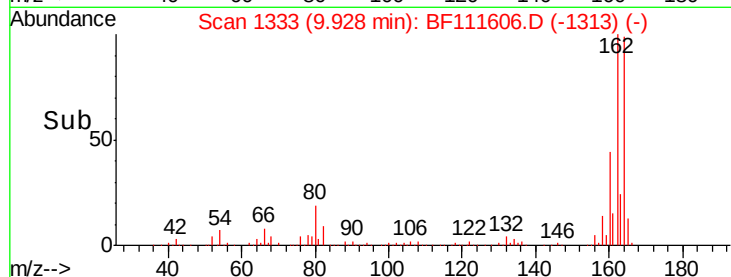
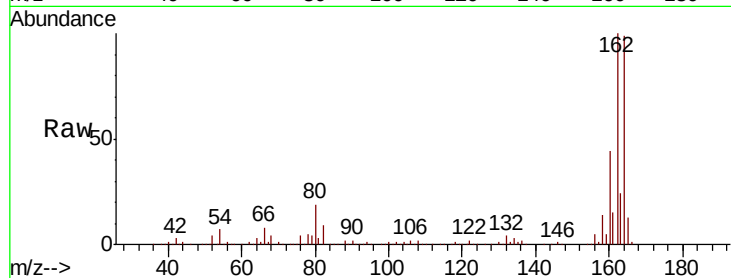
Ion Ratio Lower Upper

165 100

63 1.6 34.6 52.0#

89 1.3 56.2 84.4#

182 0.0 1.8 2.6#

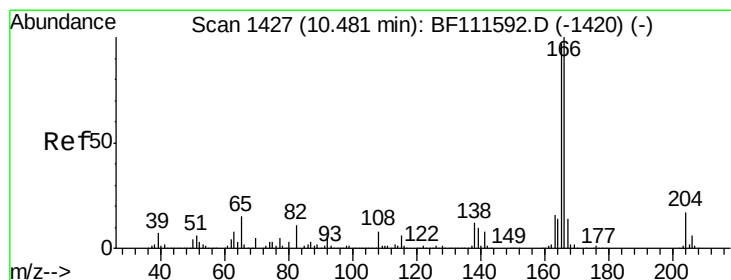
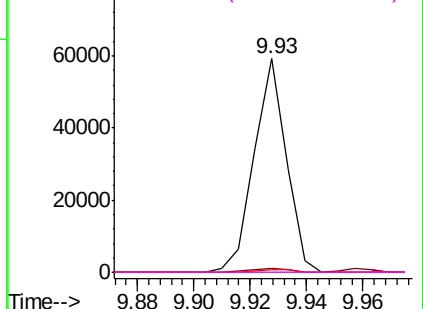


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.299 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

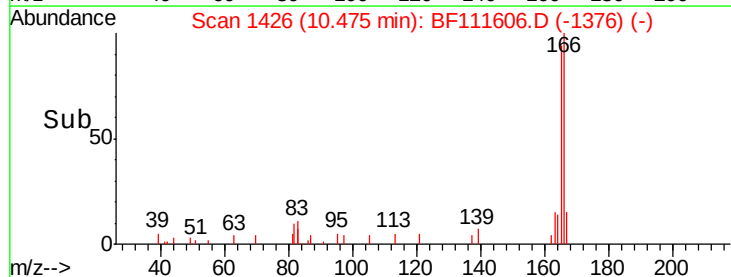
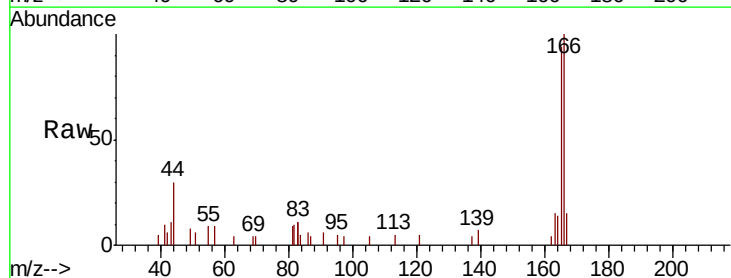
Tgt Ion:166 Resp: 7179

Ion Ratio Lower Upper

166 100

165 94.4 78.4 117.6

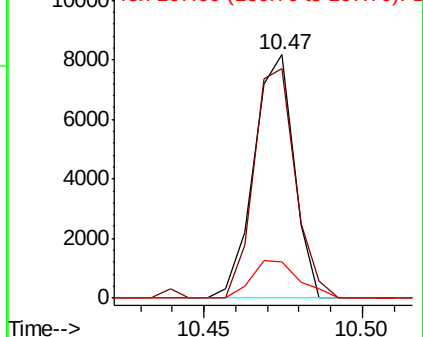
167 14.7 11.2 16.8

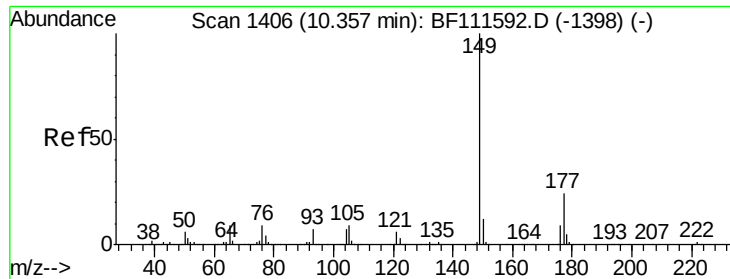


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

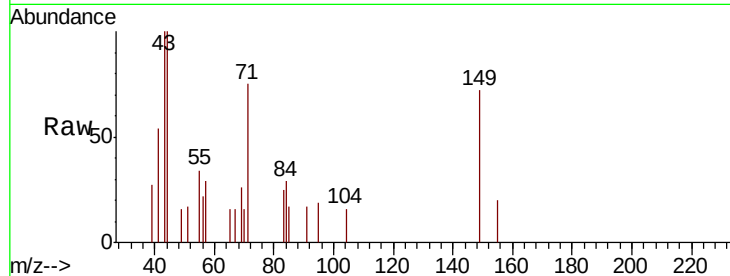




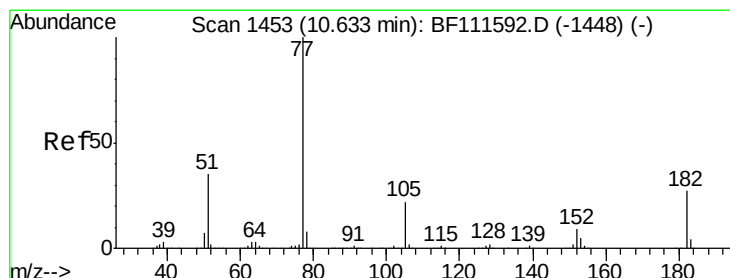
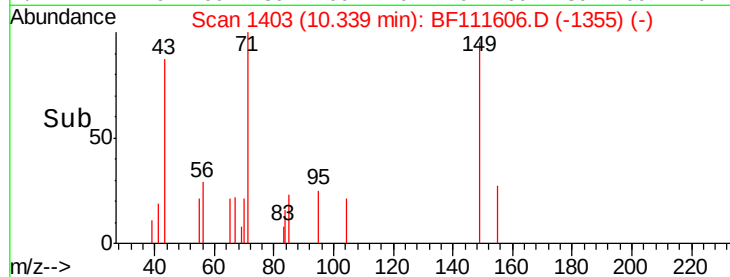
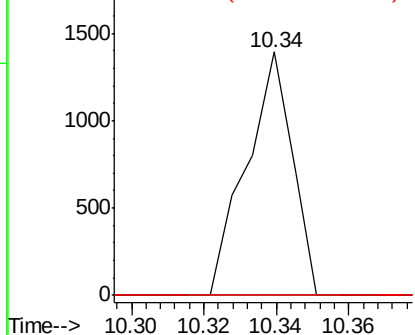
#60
Diethylphthalate
Concen: 0.047 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion: 149 Resp: 1223
Ion Ratio Lower Upper
149 100
177 0.0 18.3 27.5#
150 0.0 10.6 15.8#

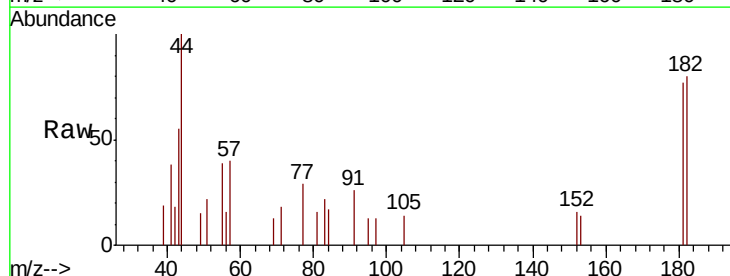


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

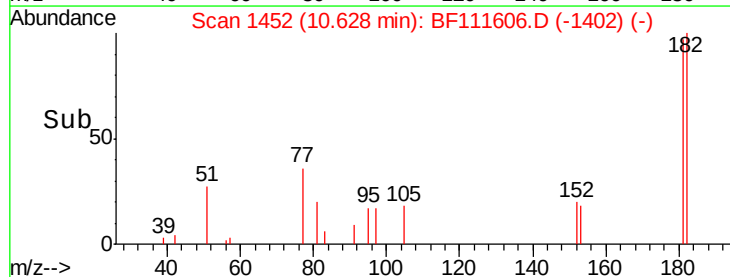
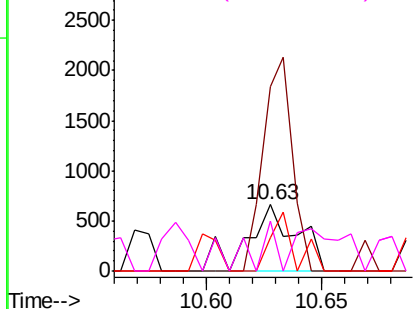


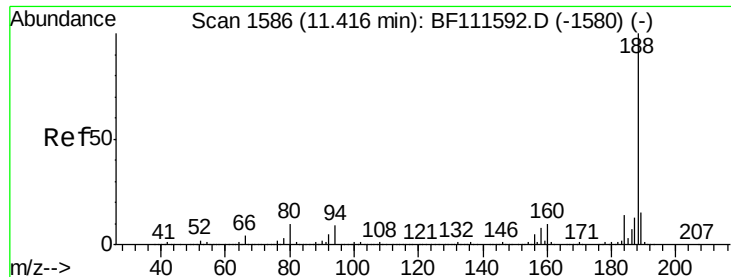
#63
Azobenzene
Concen: 0.038 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion: 77 Resp: 997
Ion Ratio Lower Upper
77 100
182 276.8 4.9 44.9#
105 50.1 6.0 46.0#
51 75.4 14.7 54.7#



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Instrument :

BNA_F

ClientSampleId :

SUP-6-C-2-120718

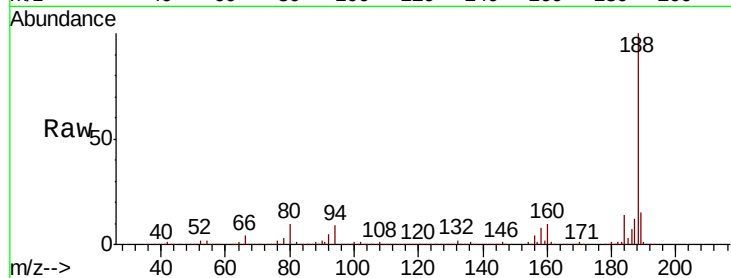
Tgt Ion:188 Resp: 645082

Ion Ratio Lower Upper

188 100

94 8.9 9.6 14.4#

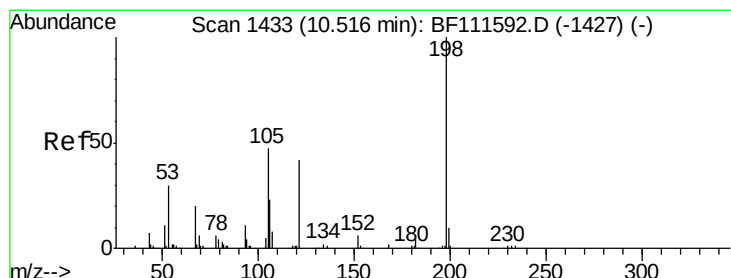
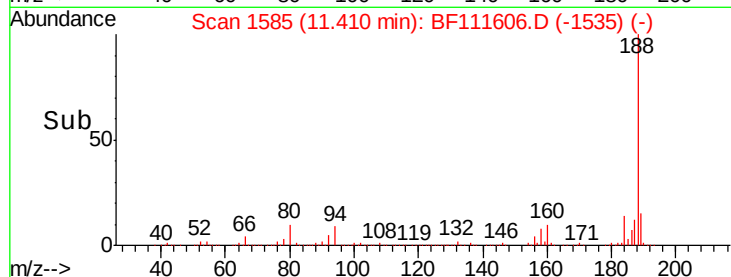
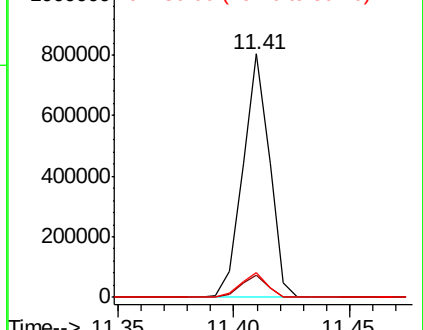
80 10.0 9.8 14.6



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: 6.952 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.20 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

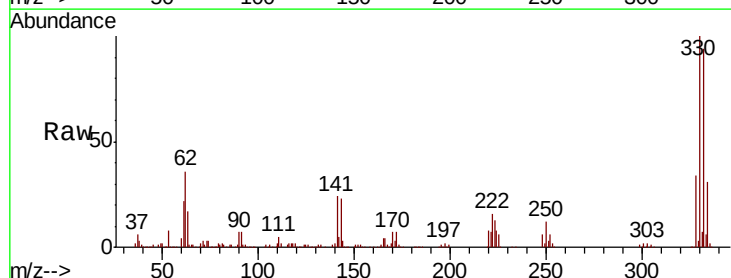
Tgt Ion:198 Resp: 802

Ion Ratio Lower Upper

198 100

51 203.2 48.0 88.0#

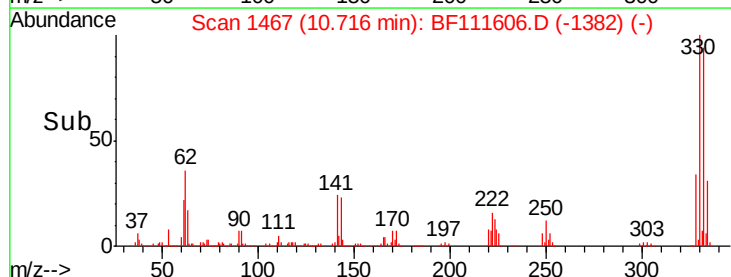
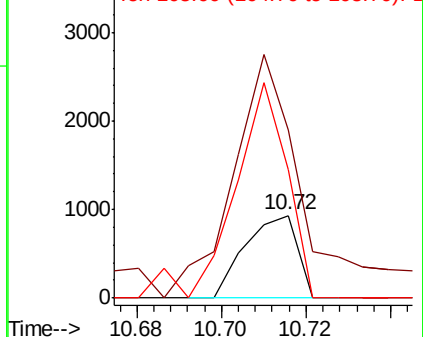
105 155.7 34.0 74.0#

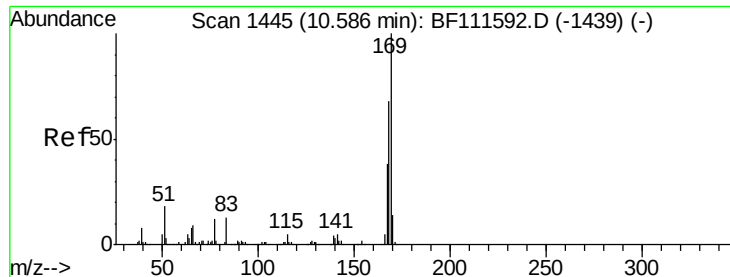


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

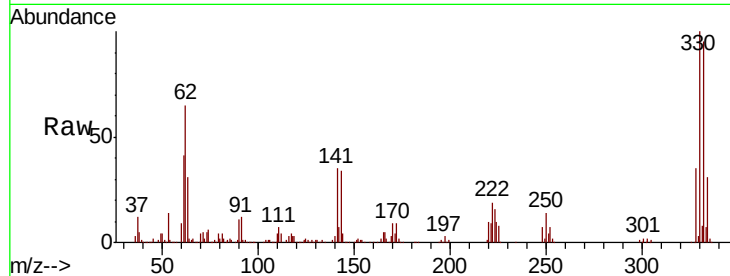




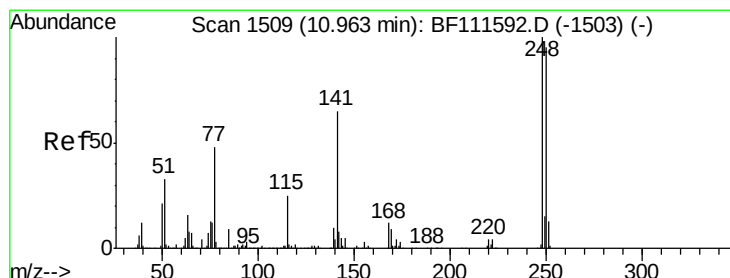
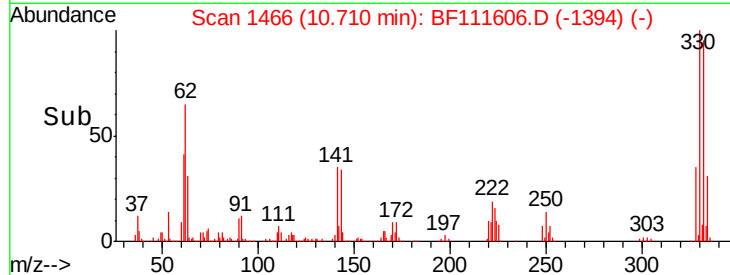
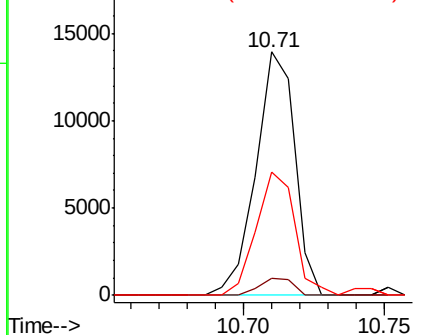
#66
 n-Nitrosodiphenylamine
 Concen: 0.616 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.12 min
 Lab File: BF111606.D
 Acq: 19 Dec 2018 22:39

Instrument :
 BNA_F
 ClientSampleId :
 SUP-6-C-2-120718

Tgt Ion:169 Resp: 13348
 Ion Ratio Lower Upper
 169 100
 168 6.9 54.4 81.6#
 167 50.7 30.5 45.7#

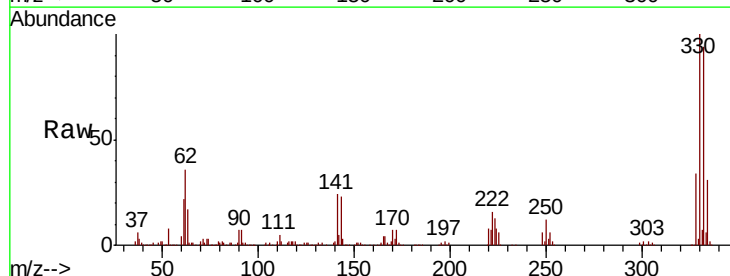


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

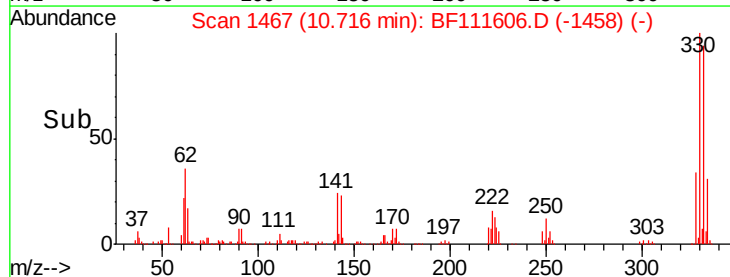
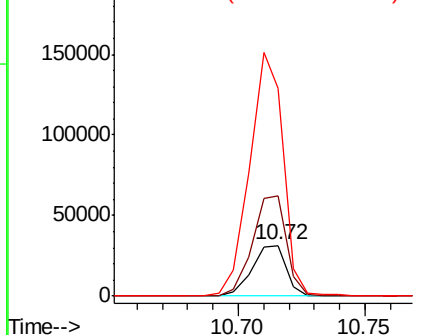


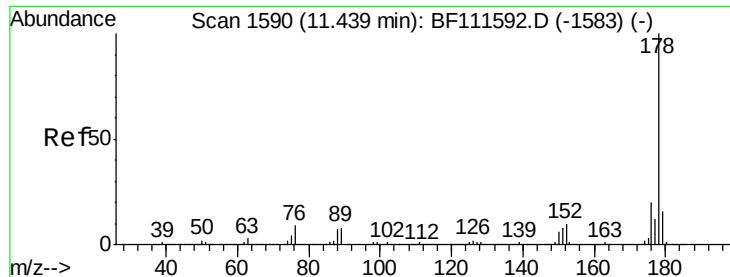
#67
 4-Bromophenyl-phenylether
 Concen: 3.703 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.25 min
 Lab File: BF111606.D
 Acq: 19 Dec 2018 22:39

Tgt Ion:248 Resp: 29630
 Ion Ratio Lower Upper
 248 100
 250 198.0 77.0 115.4#
 141 408.9 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

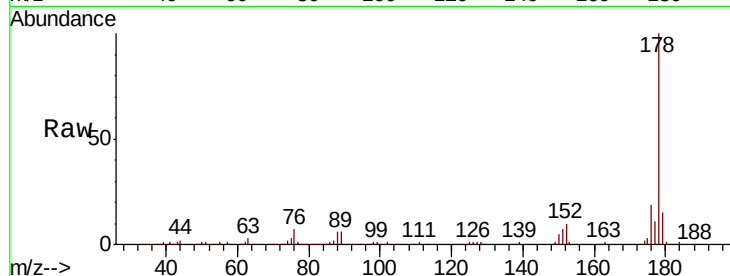




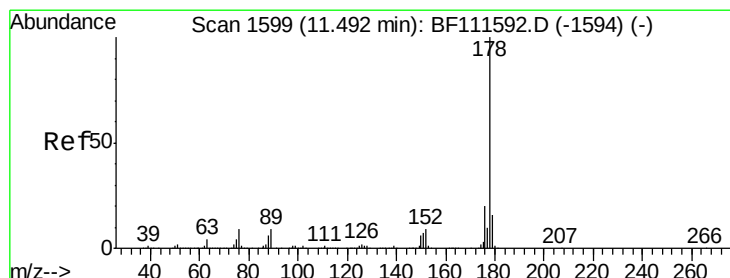
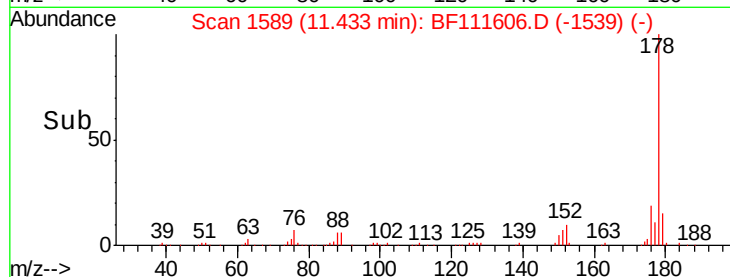
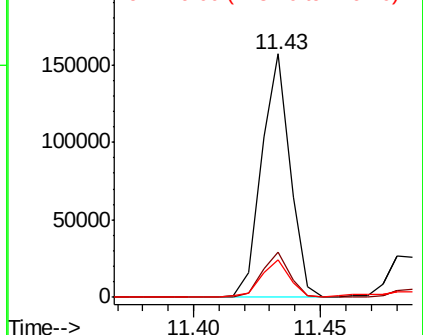
#71
Phenanthrene
Concen: 3.619 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:178 Resp: 123809
Ion Ratio Lower Upper
178 100
176 18.8 18.1 27.1
179 15.3 14.0 21.0

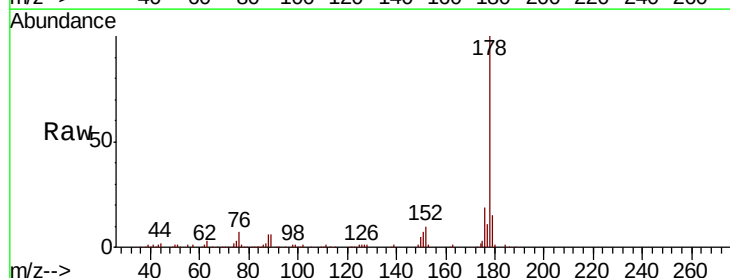


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

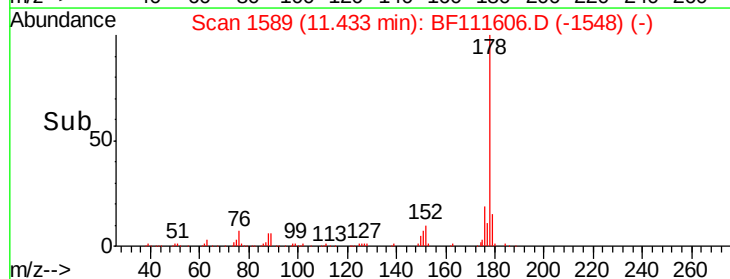
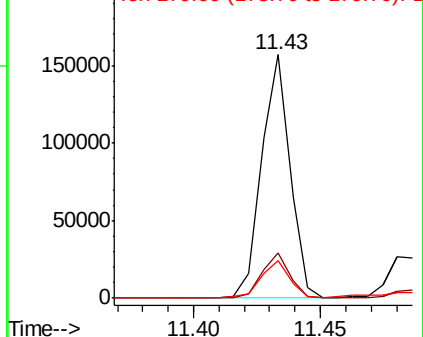


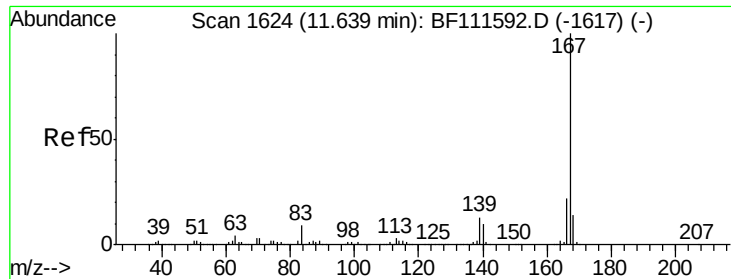
#72
Anthracene
Concen: 3.605 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.06 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:178 Resp: 123809
Ion Ratio Lower Upper
178 100
176 18.8 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

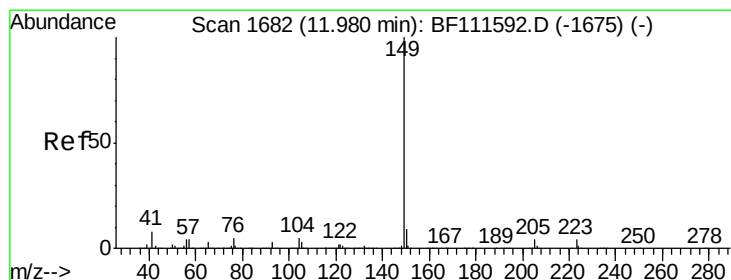
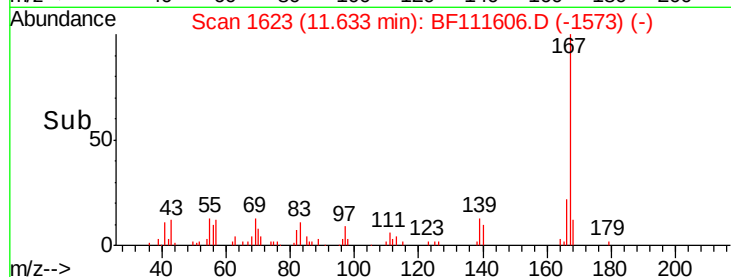
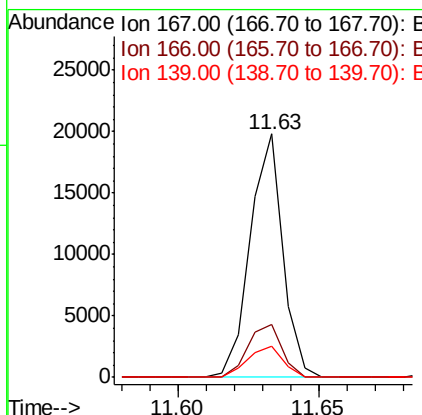
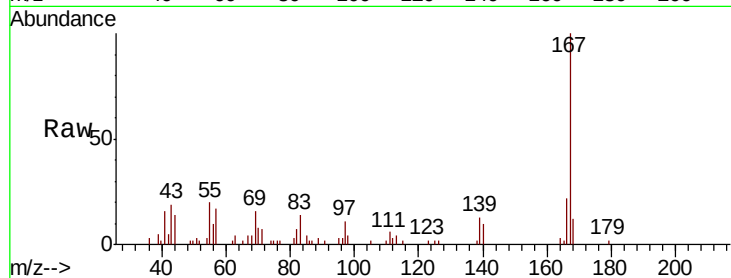




#73
 Carbazole
 Concen: 0.477 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF111606.D
 Acq: 19 Dec 2018 22:39

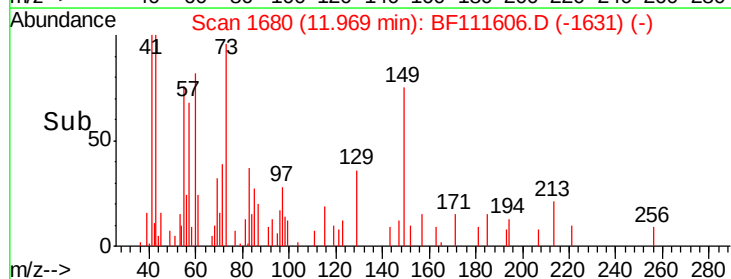
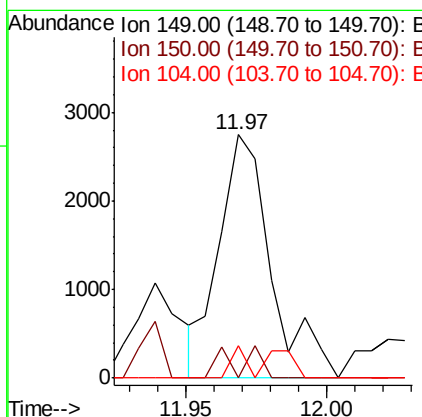
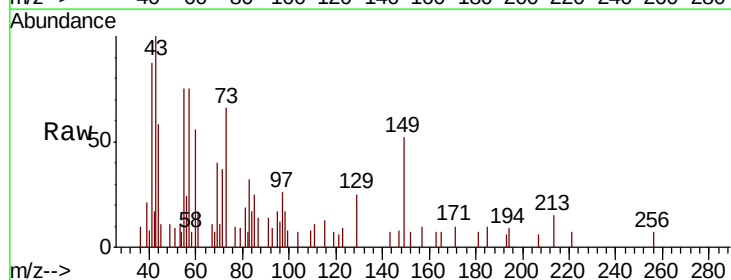
Instrument :
 BNA_F
 ClientSampleId :
 SUP-6-C-2-120718

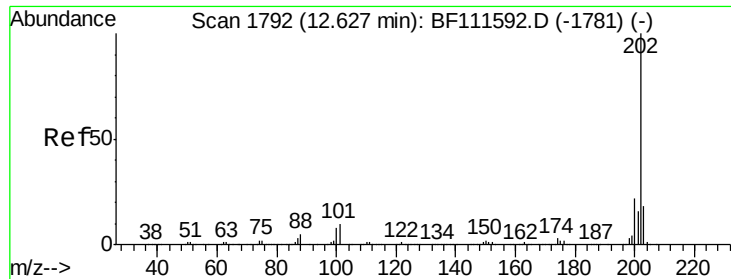
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	19.3	28.9
139	12.6	11.9	17.9



#74
 Di-n-butylphthalate
 Concen: 0.094 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF111606.D
 Acq: 19 Dec 2018 22:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.8	13.2#
104	13.4	4.5	6.7#





#75

Fluoranthene

Concen: 4.717 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Instrument :

BNA_F

ClientSampleId :

SUP-6-C-2-120718

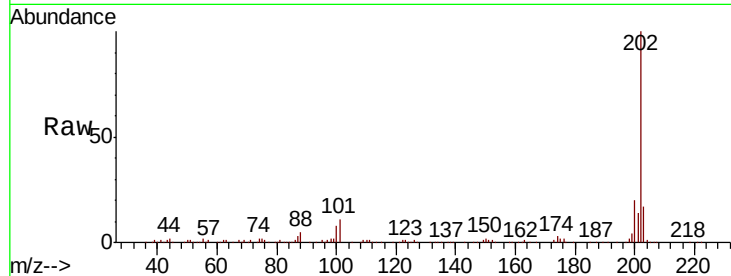
Tgt Ion: 202 Resp: 163414

Ion Ratio Lower Upper

202 100

101 11.1 0.0 33.8

203 17.1 0.0 38.6

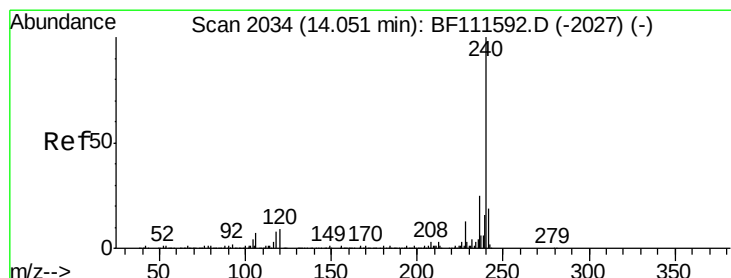
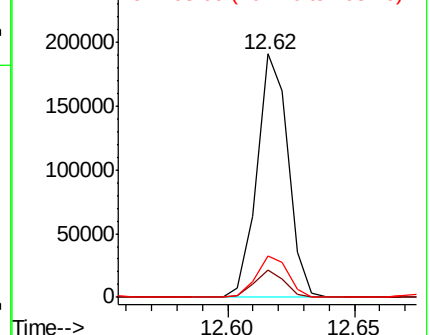
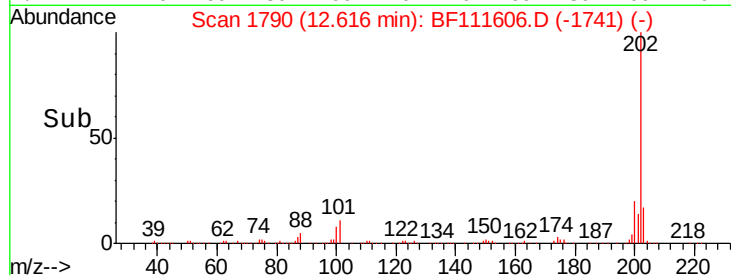


Abundance

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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

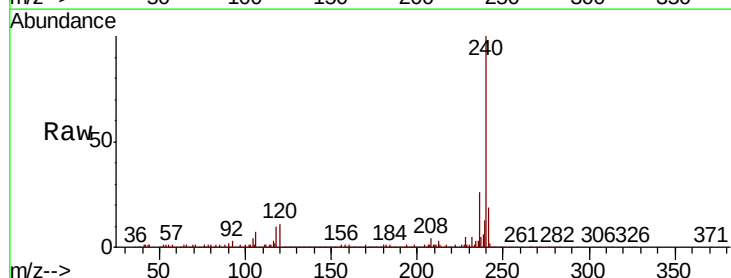
Tgt Ion: 240 Resp: 518829

Ion Ratio Lower Upper

240 100

120 10.9 12.2 18.2#

236 25.8 20.2 30.2

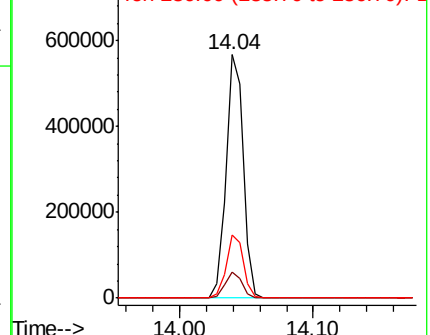
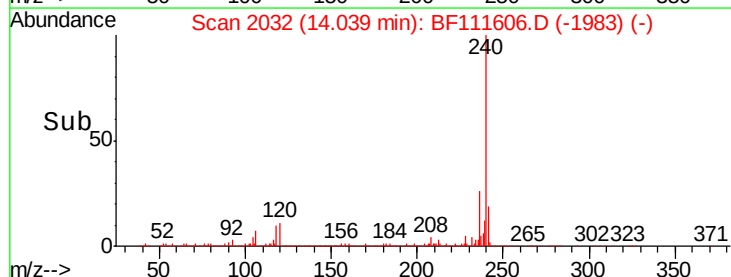


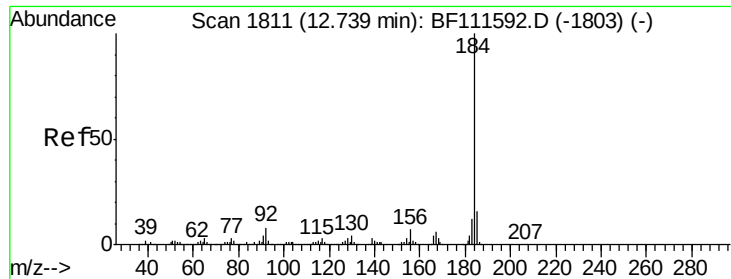
Abundance

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: 1.026 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.25 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Instrument :

BNA_F

ClientSampleId :

SUP-6-C-2-120718

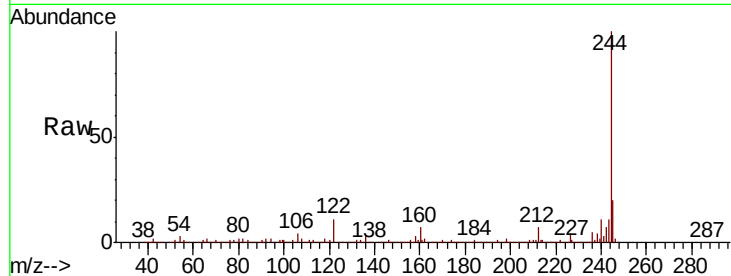
Tgt Ion:184 Resp: 20023

Ion Ratio Lower Upper

184 100

185 19.8 13.0 19.6#

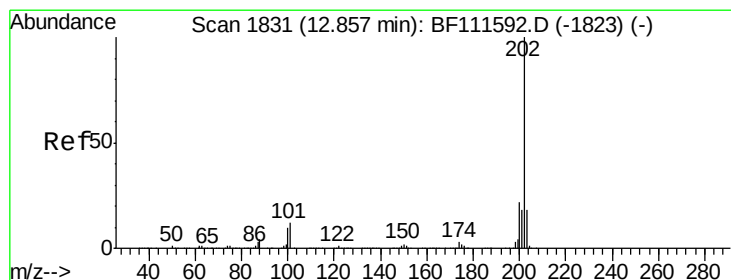
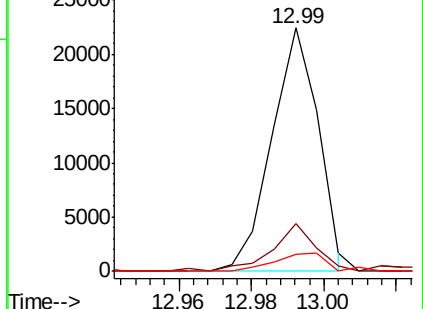
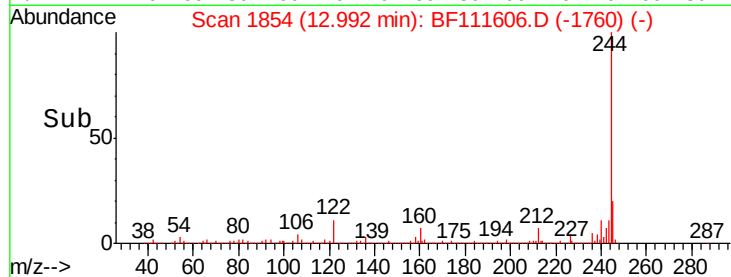
183 7.2 9.3 13.9#



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: 3.617 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

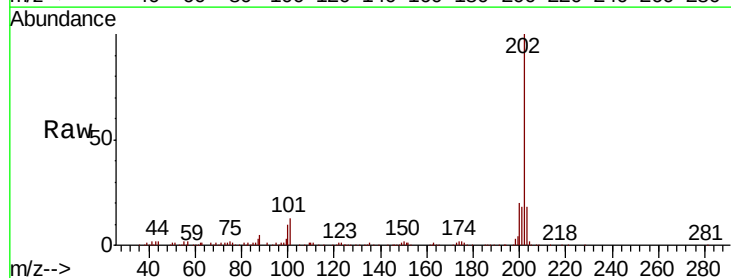
Tgt Ion:202 Resp: 132510

Ion Ratio Lower Upper

202 100

200 19.9 19.0 28.4

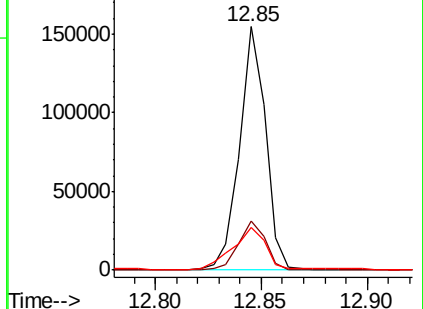
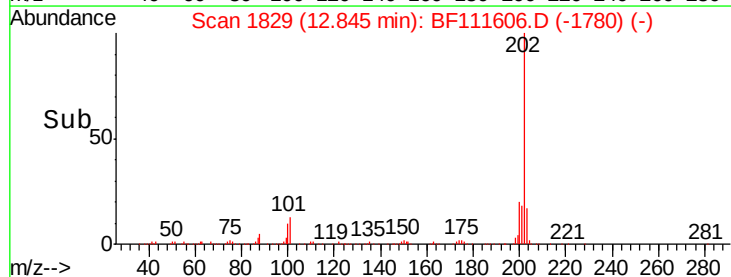
203 17.8 15.2 22.8

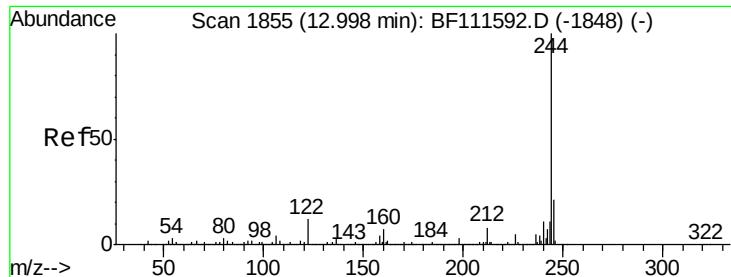


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 57.171 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Instrument :

BNA_F

ClientSampleId :

SUP-6-C-2-120718

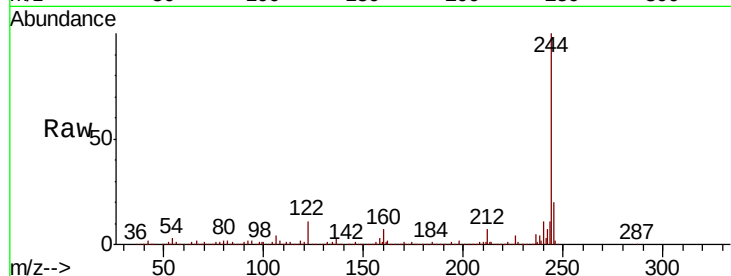
Tgt Ion:244 Resp: 1564097

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

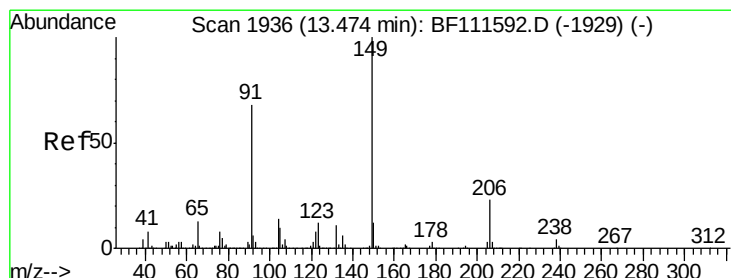
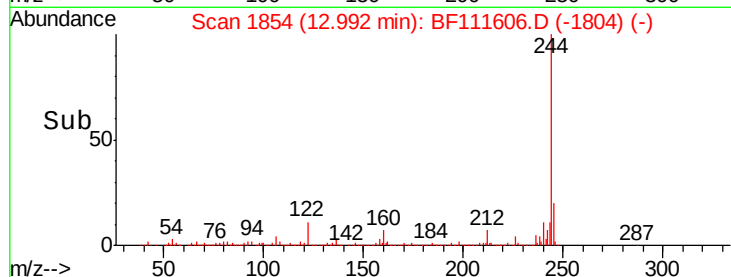
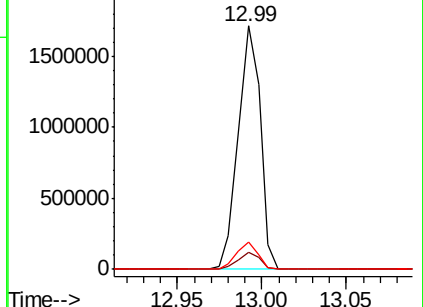
122 11.5 13.1 19.7#



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: 0.057 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

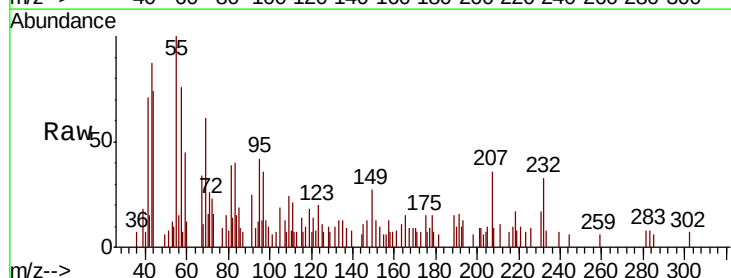
Tgt Ion:149 Resp: 855

Ion Ratio Lower Upper

149 100

91 91.3 63.8 95.6

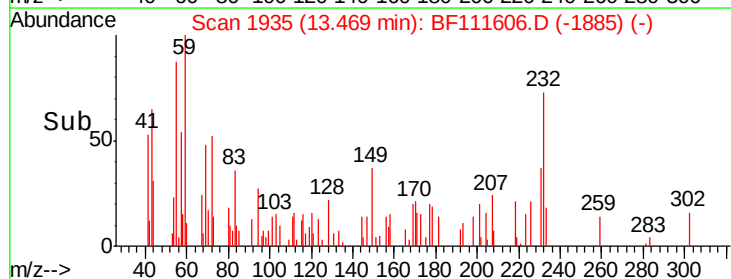
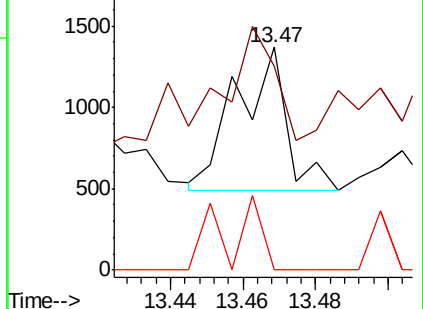
206 0.0 15.1 22.7#

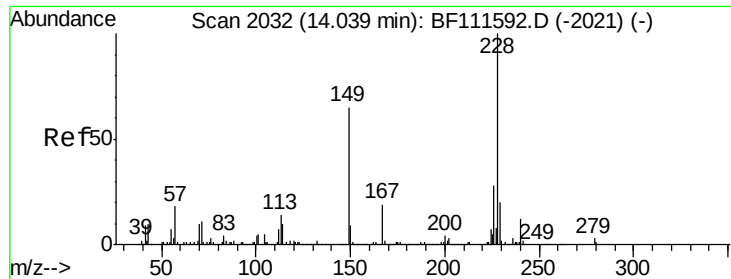


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 2.369 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Instrument :

BNA_F

ClientSampleId :

SUP-6-C-2-120718

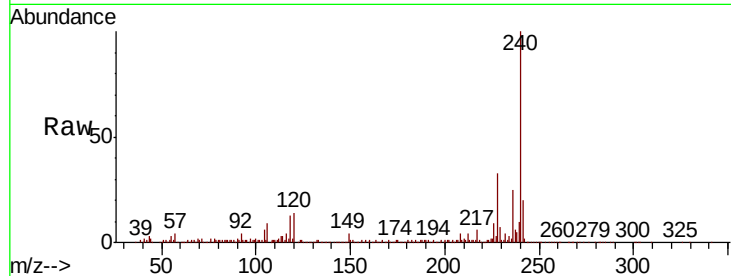
Tgt Ion:228 Resp: 70159

Ion Ratio Lower Upper

228 100

226 27.4 22.6 34.0

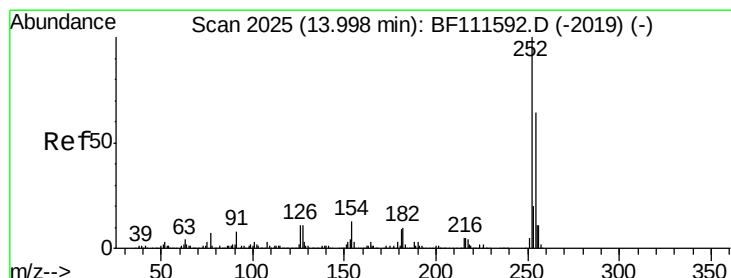
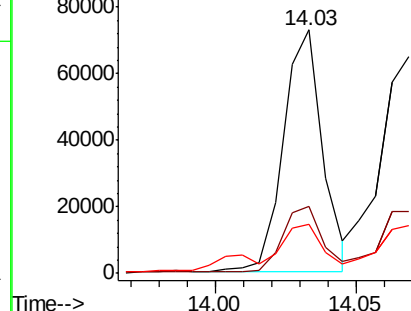
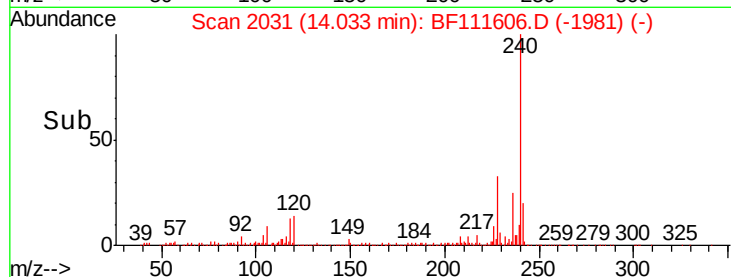
229 20.1 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.021 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

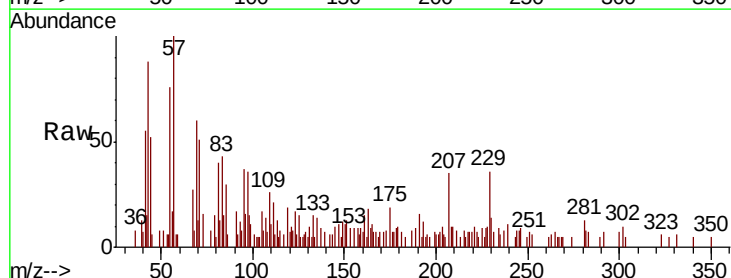
Tgt Ion:252 Resp: 243

Ion Ratio Lower Upper

252 100

254 0.0 52.7 79.1#

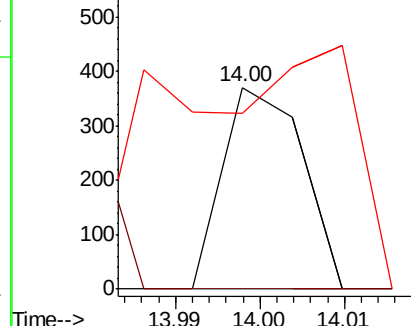
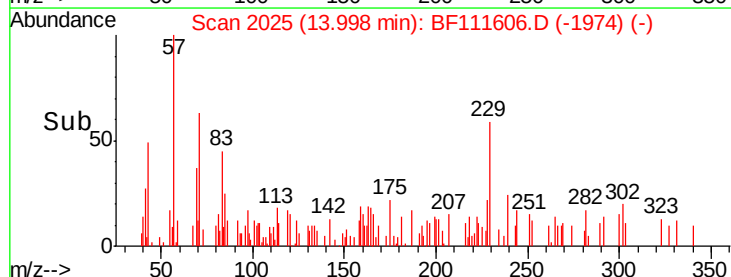
126 87.1 11.1 16.7#

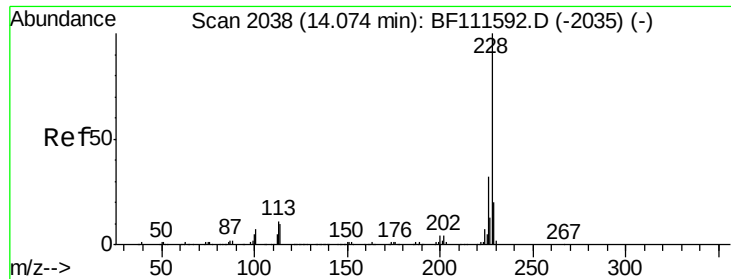


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 2.212 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Instrument :

BNA_F

ClientSampleId :

SUP-6-C-2-120718

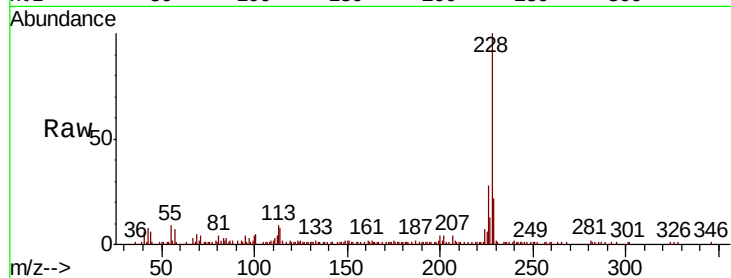
Tgt Ion:228 Resp: 64365

Ion Ratio Lower Upper

228 100

226 28.3 25.3 37.9

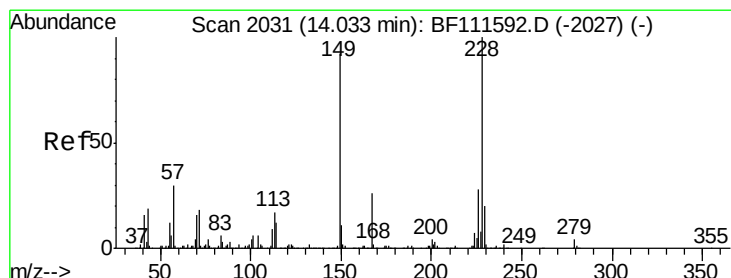
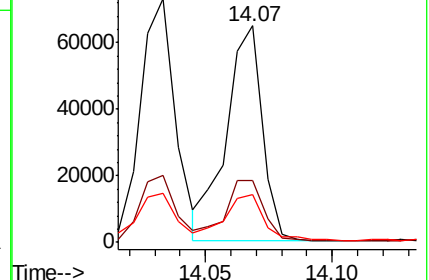
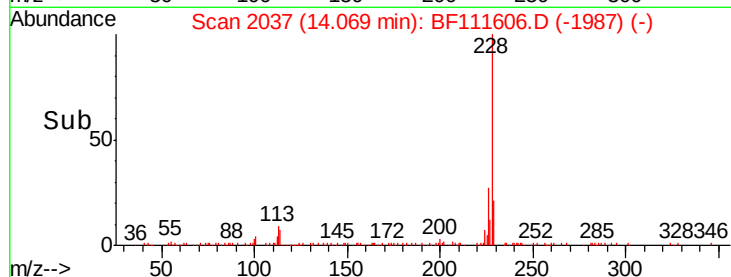
229 22.2 17.2 25.8



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: 0.411 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

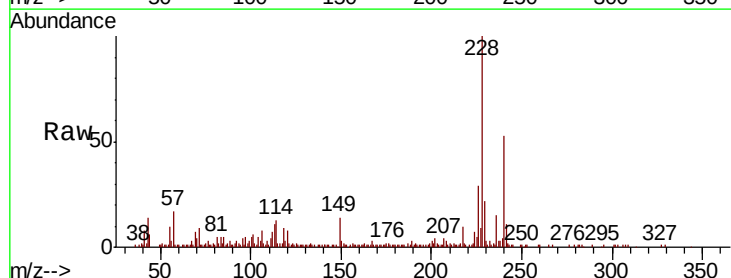
Tgt Ion:149 Resp: 7741

Ion Ratio Lower Upper

149 100

167 25.1 22.5 33.7

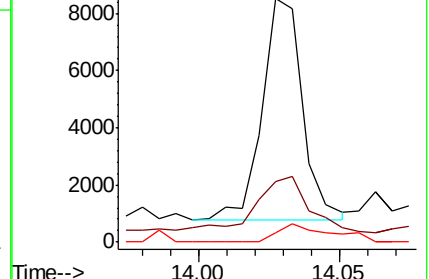
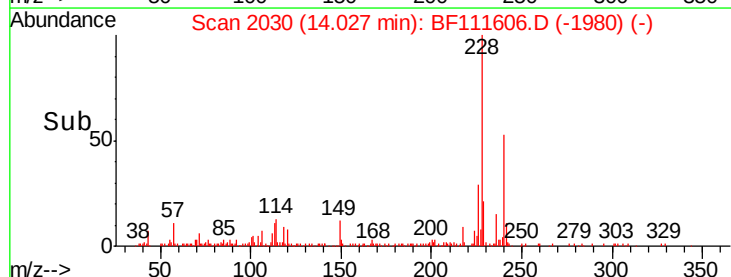
279 3.8 2.6 4.0

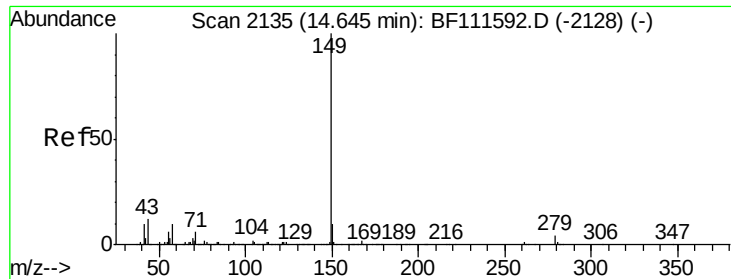


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.026 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Instrument :

BNA_F

ClientSampleId :

SUP-6-C-2-120718

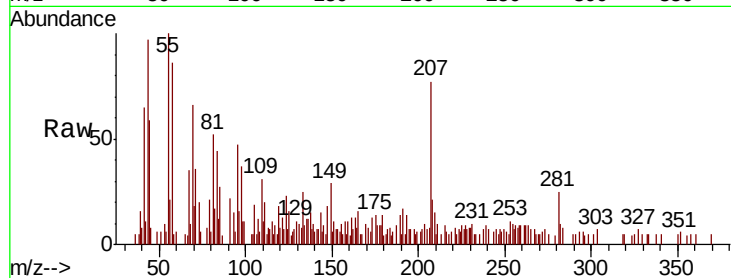
Tgt Ion:149 Resp: 766

Ion Ratio Lower Upper

149 100

167 90.1 1.3 1.9#

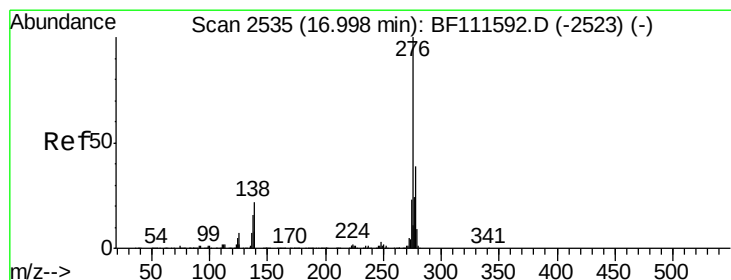
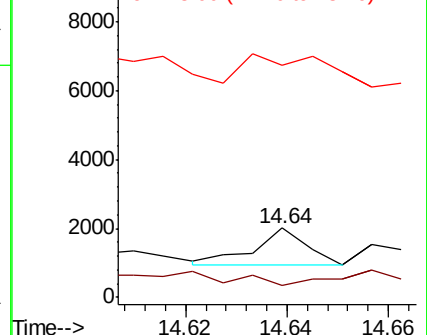
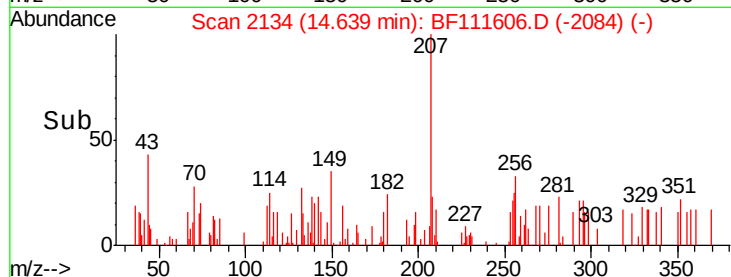
43 173.0 10.9 16.3#



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: 0.966 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

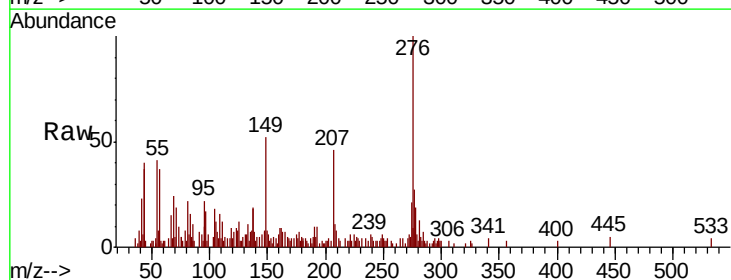
Tgt Ion:276 Resp: 23902

Ion Ratio Lower Upper

276 100

138 21.6 27.8 41.6#

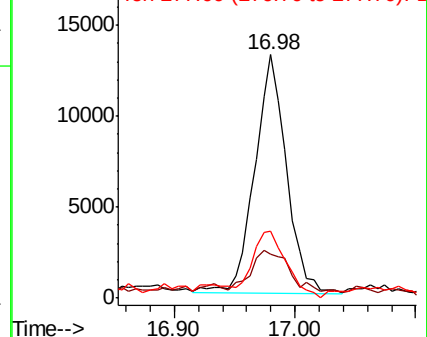
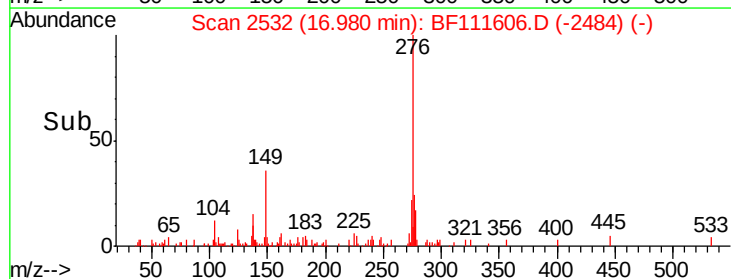
277 30.1 20.1 30.1

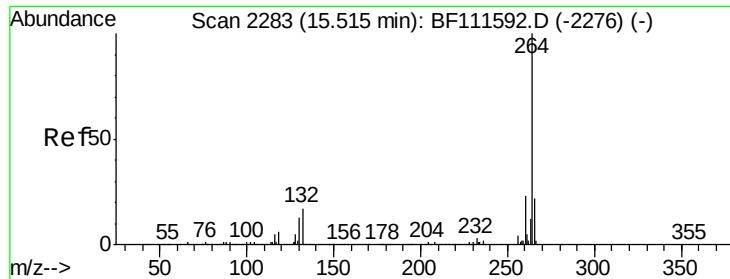


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

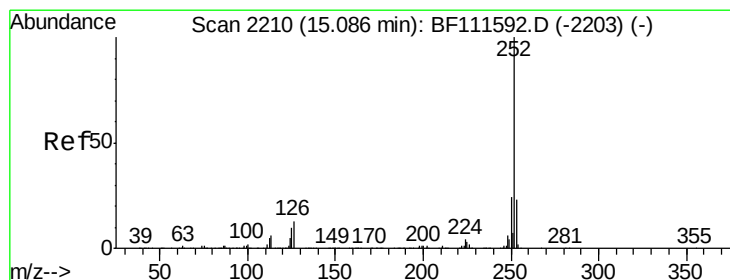
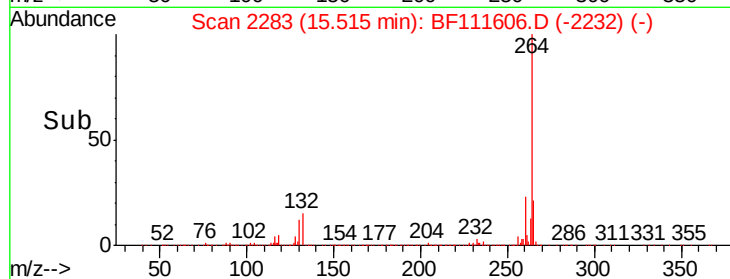
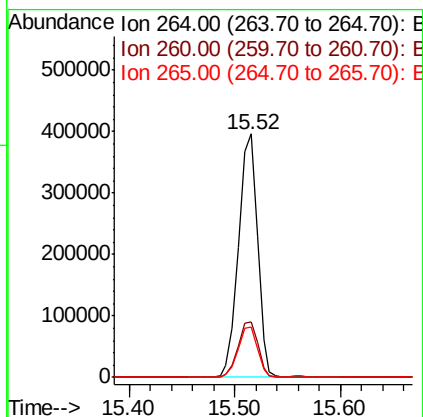
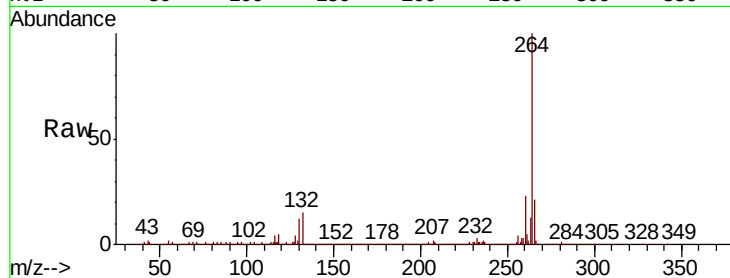




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

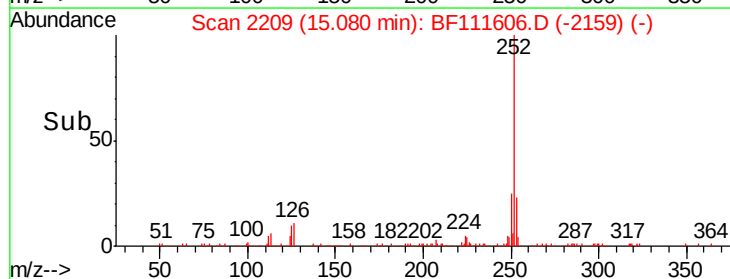
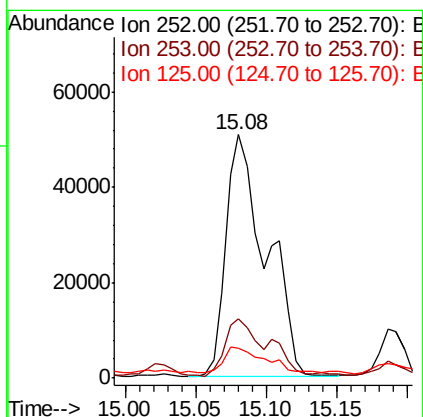
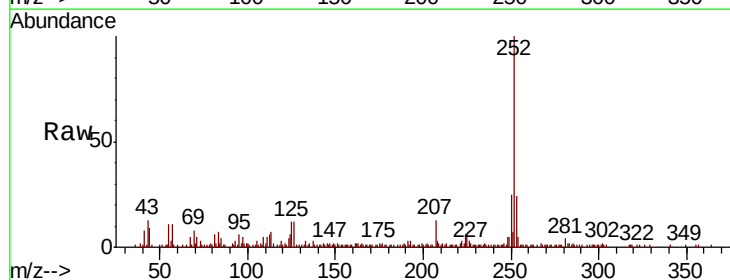
Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

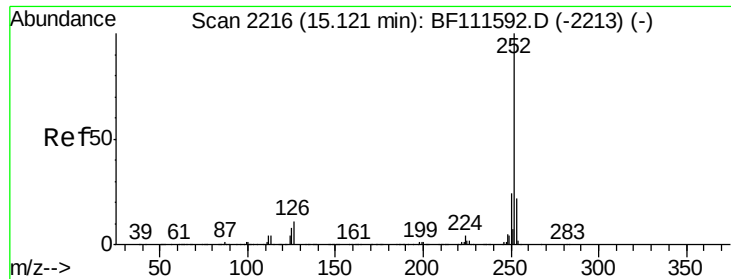
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.3	27.5
265	20.9	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 3.511 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.2
125	12.2	10.4	15.6

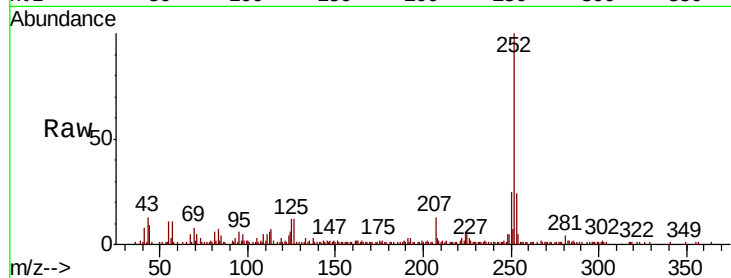




#89
Benzo(k)fluoranthene
Concen: 3.688 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	12.2	9.8	14.8

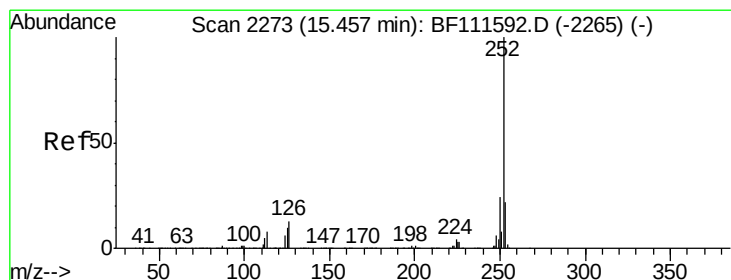
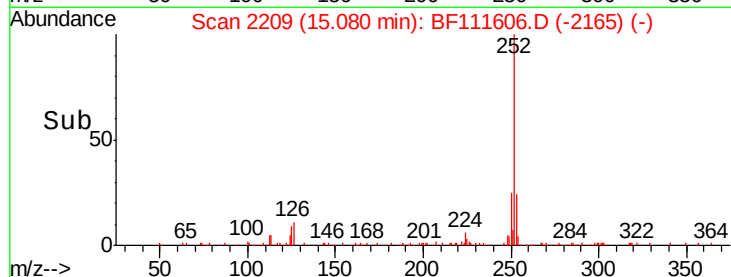
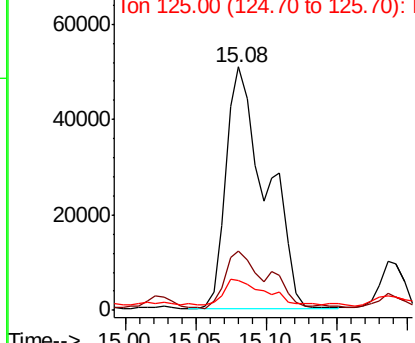


Abundance

Ion 252.00 (251.70 to 252.70): E

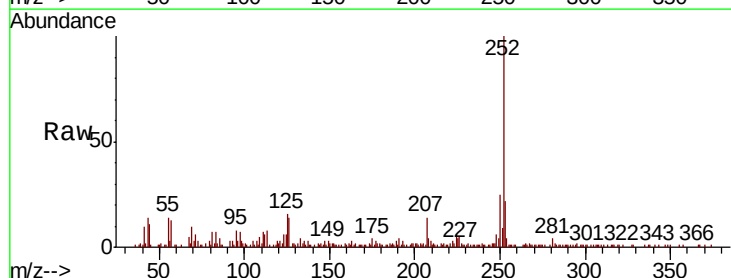
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 1.957 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	15.9	12.3	18.5

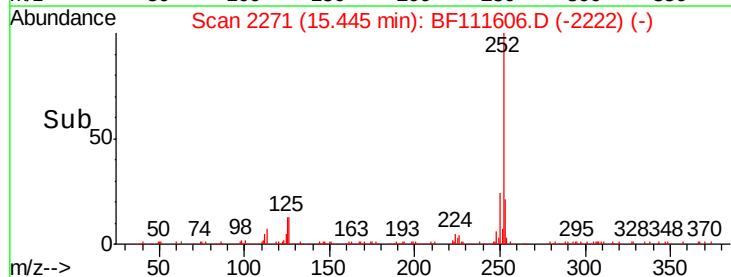
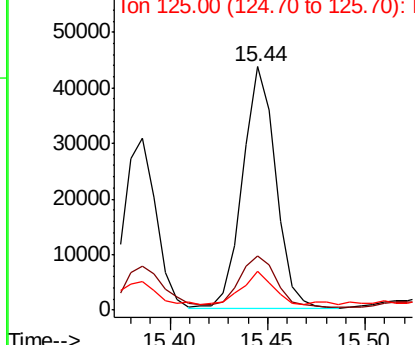


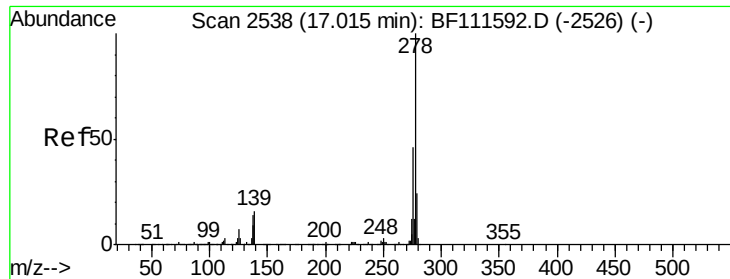
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 0.348 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.03 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

Instrument :

BNA_F

ClientSampleId :

SUP-6-C-2-120718

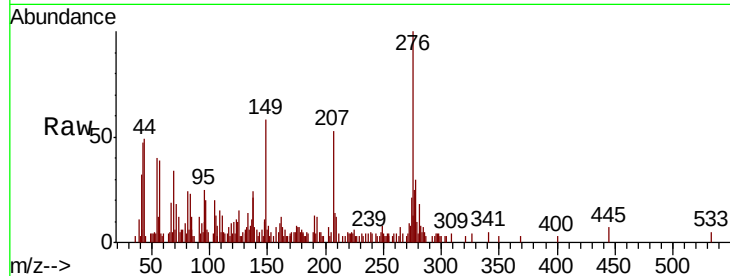
Tgt Ion:278 Resp: 7921

Ion Ratio Lower Upper

278 100

139 22.8 18.2 27.4

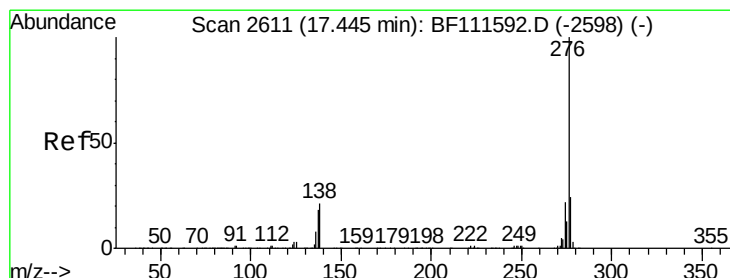
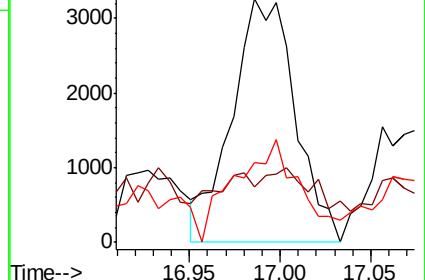
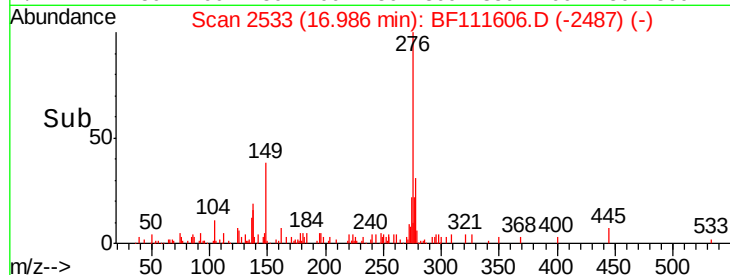
279 32.6 19.0 28.6#



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: 1.034 ng

RT: 17.42 min Scan# 2607

Delta R.T. -0.02 min

Lab File: BF111606.D

Acq: 19 Dec 2018 22:39

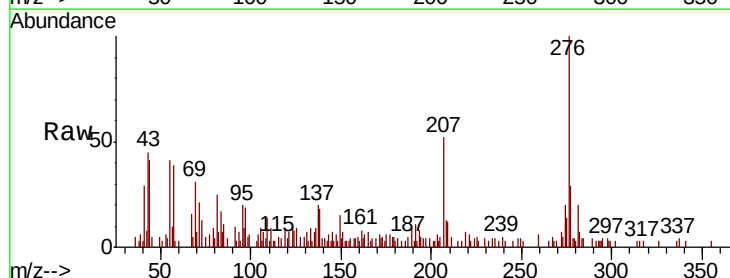
Tgt Ion:276 Resp: 22982

Ion Ratio Lower Upper

276 100

277 28.8 19.2 28.8

138 18.3 24.9 37.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

