

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF010518\
 Data File : BF101933.D
 Acq On : 5 Jan 2018 16:48
 Operator : SJ/JU
 Sample : J1032-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWS-4

Quant Time: Jan 05 17:44:51 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

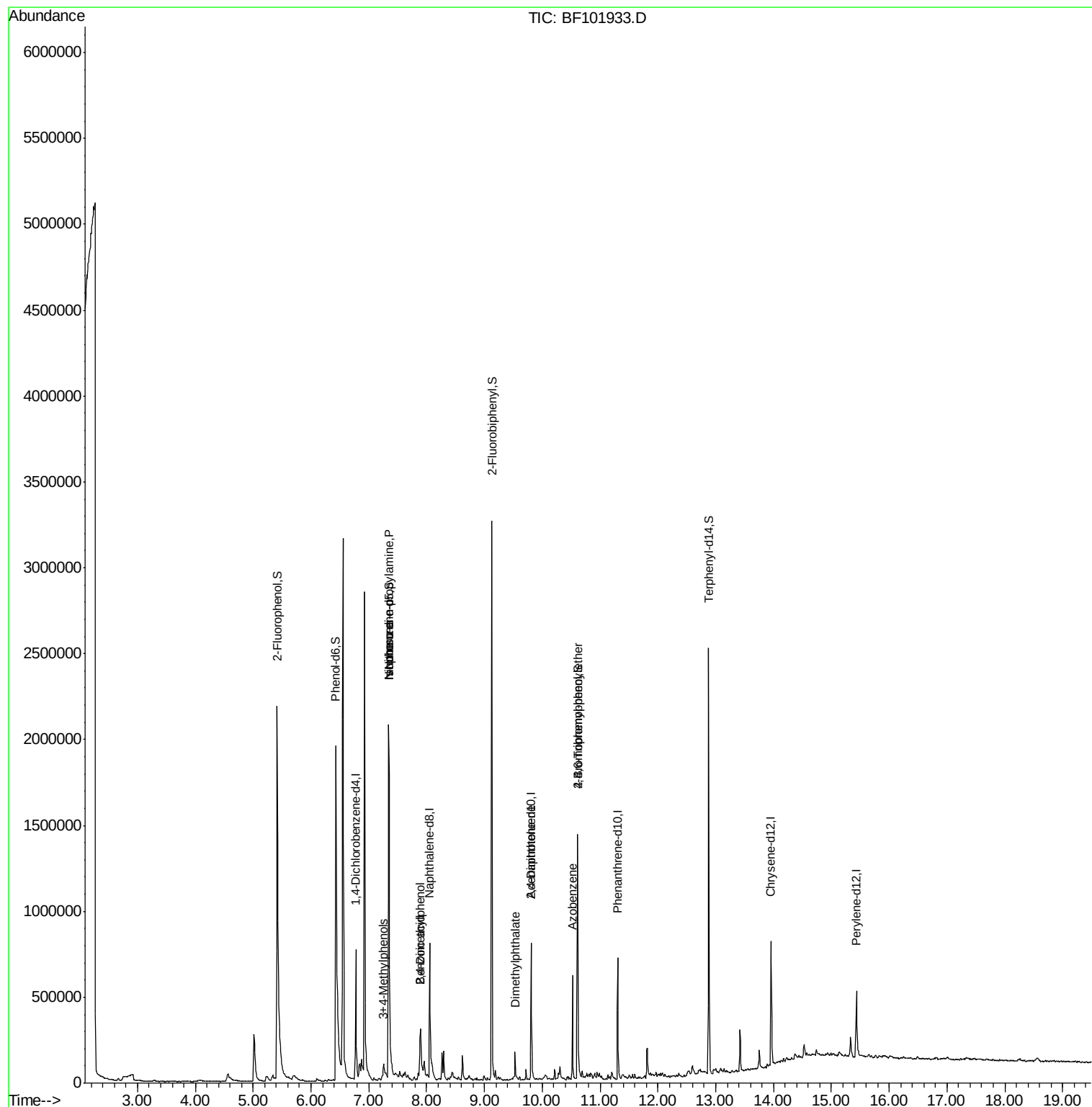
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	127273	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	467458	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	159935	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	256834	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	271310	20.00	ng	-0.02
86) Perylene-d12	15.43	264	217513	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1148146	134.38	ng	0.01
7) Phenol-d6	6.43	99	1213477	114.12	ng	0.00
23) Nitrobenzene-d5	7.35	82	875539	104.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	178596	115.89	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1123379	108.96	ng	-0.01
78) Terphenyl-d14	12.88	244	901234	80.08	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	115601	16.554	ng	Qvalue # 85
20) 3+4-Methylphenols	7.25	107	47035	5.369	ng	# 89
25) Isophorone	7.35	82	875539	51.973	ng	# 64
27) 2,4-Dimethylphenol	7.89	122	109896	16.201	ng	# 5
32) Benzoic acid	7.89	122	119073	29.692	ng	96
49) Dimethylphthalate	9.53	163	66712	5.186	ng	99
56) 2,4-Dinitrotoluene	9.81	165	21062	7.150	ng	# 24
62) Azobenzene	10.52	77	107075	8.114	ng	# 1
66) 4-Bromophenyl-phenylether	10.61	248	11990	4.155	ng	# 1

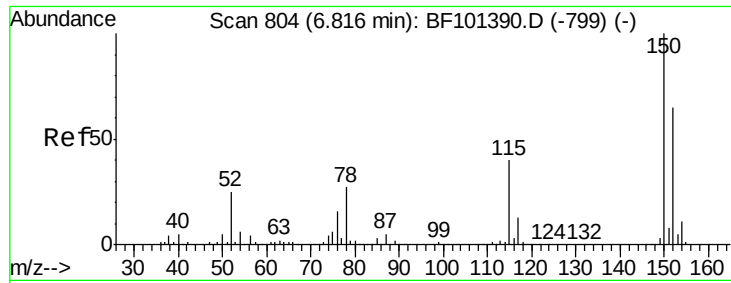
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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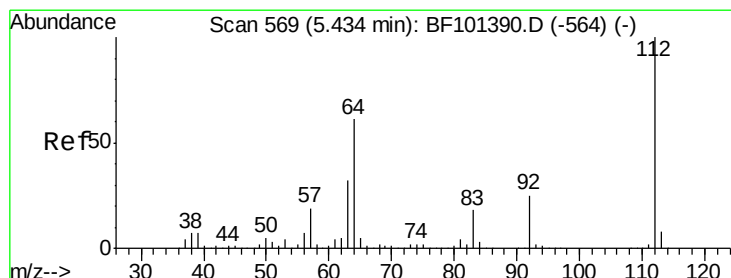
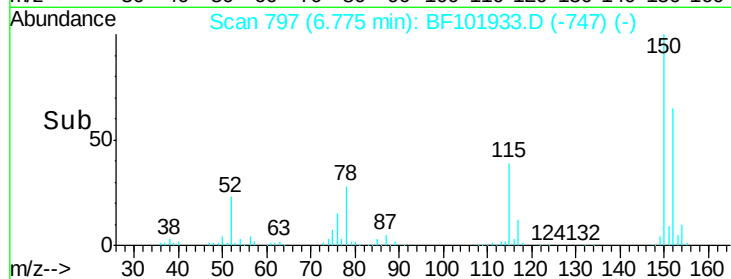
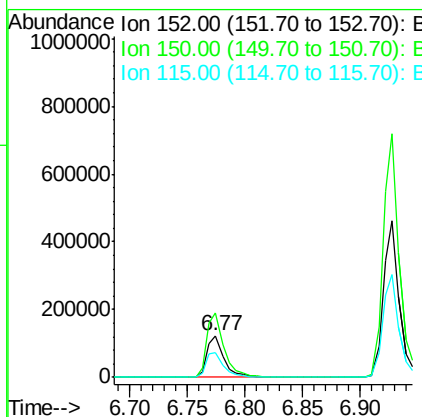
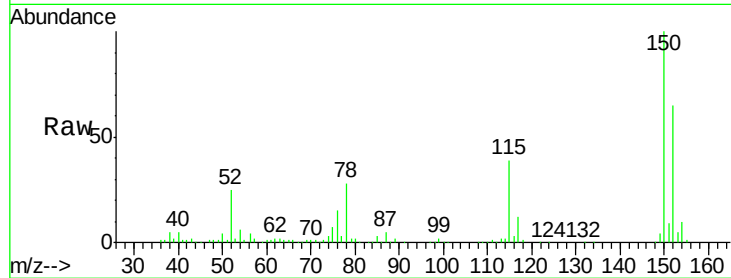


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
OWS-4

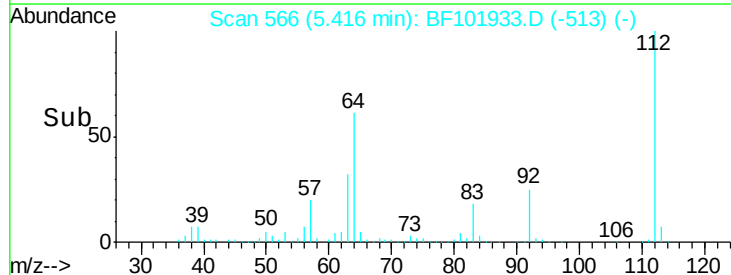
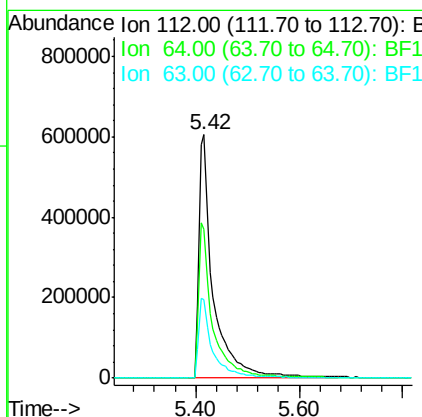
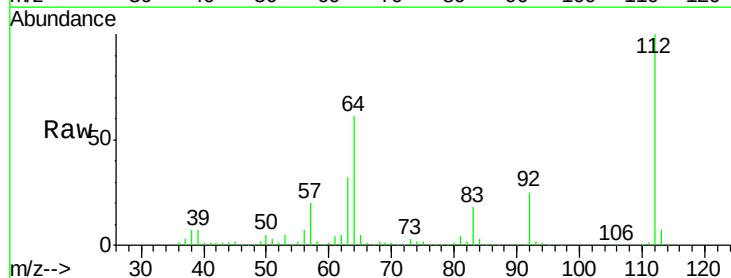
Tgt Ion:152 Resp: 127273
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 60.5 50.1 75.1

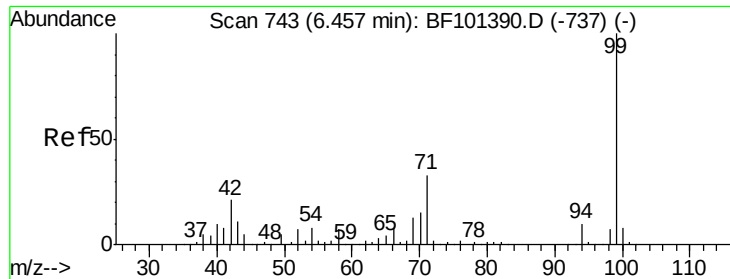


#5

2-Fluorophenol
Concen: 134.377 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Tgt Ion:112 Resp: 1148146
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 32.3 23.7 35.5





#7

Phenol-d6

Concen: 114.117 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101933.D

Acq: 5 Jan 2018 16:48

Instrument :

BNA_F

ClientSampleId :

OWS-4

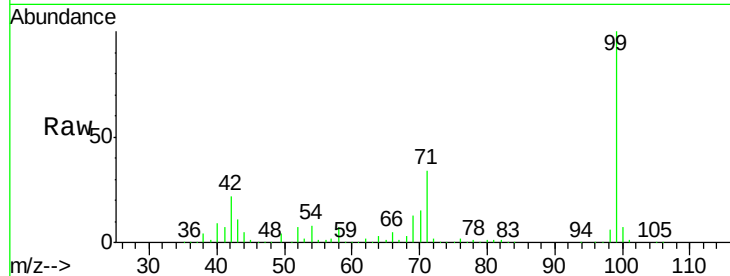
Tgt Ion: 99 Resp: 1213477

Ion Ratio Lower Upper

99 100

42 22.2 14.5 21.7#

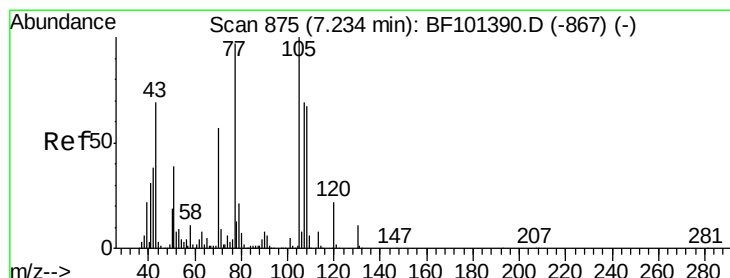
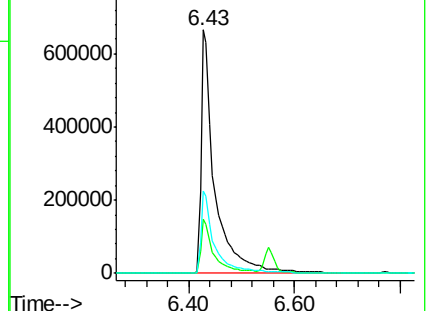
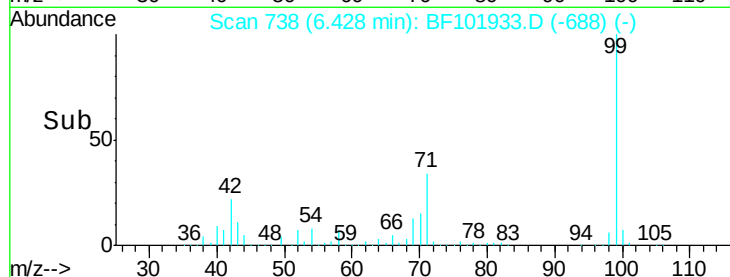
71 33.9 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.554 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF101933.D

Acq: 5 Jan 2018 16:48

Tgt Ion: 70 Resp: 115601

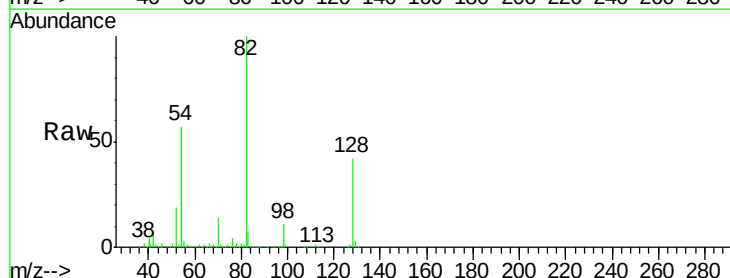
Ion Ratio Lower Upper

70 100

42 56.0 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

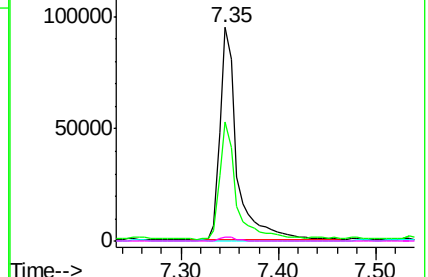
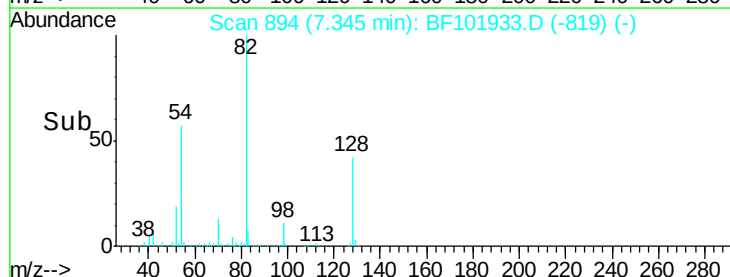


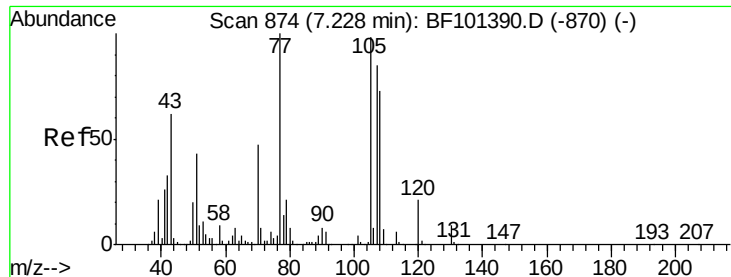
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

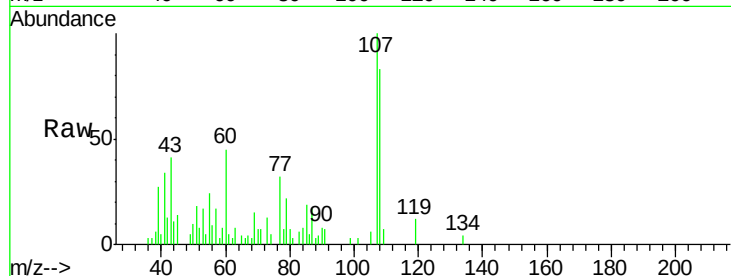




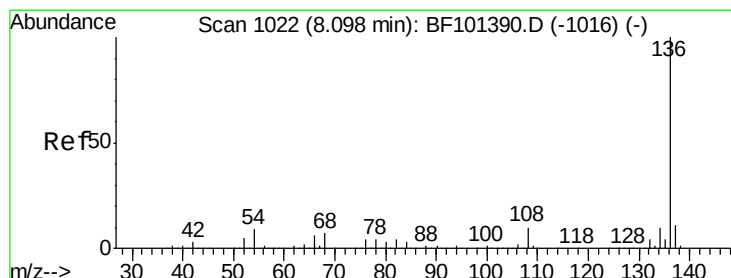
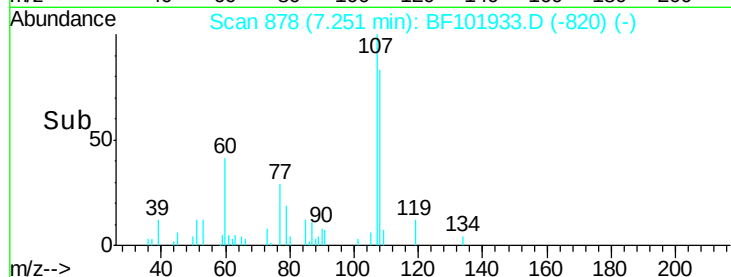
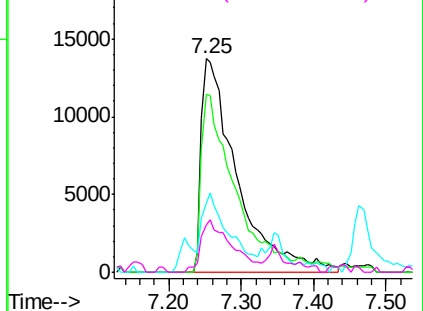
#20
3+4-Methylphenols
Concen: 5.369 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.04 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
OWS-4

Tgt Ion:	107	Resp:	47035
Ion	Ratio	Lower	Upper
107	100		
108	83.3	68.2	108.2
77	32.1	26.7	66.7
79	22.2	6.3	46.3



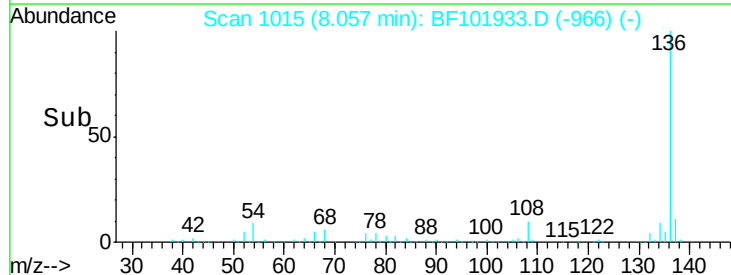
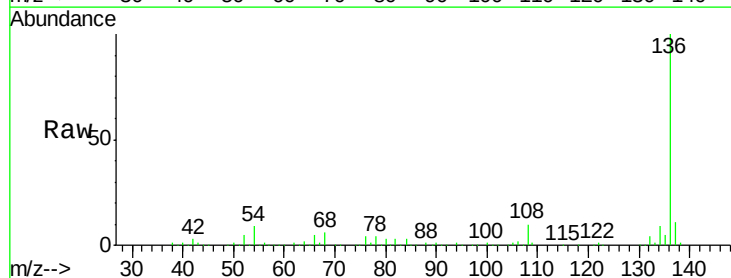
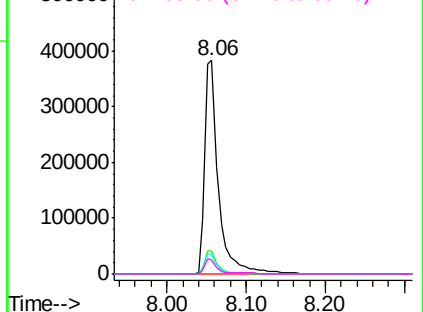
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

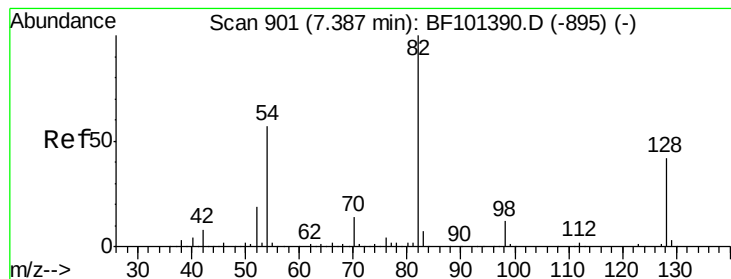


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Tgt Ion:	136	Resp:	467458
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.9	6.6	9.8
68	6.3	5.0	7.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 104.261 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.02 min

Lab File: BF101933.D

Acq: 5 Jan 2018 16:48

Instrument :

BNA_F

ClientSampled :

OWS-4

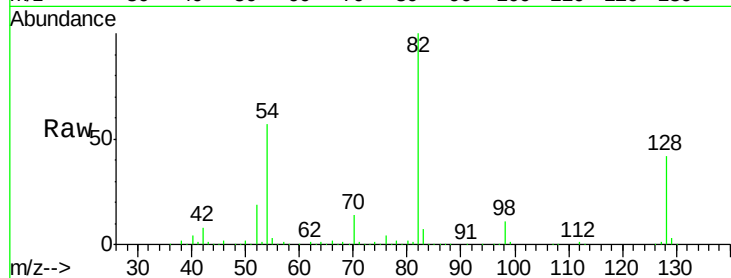
Tgt Ion: 82 Resp: 875539

Ion Ratio Lower Upper

82 100

128 41.5 36.1 54.1

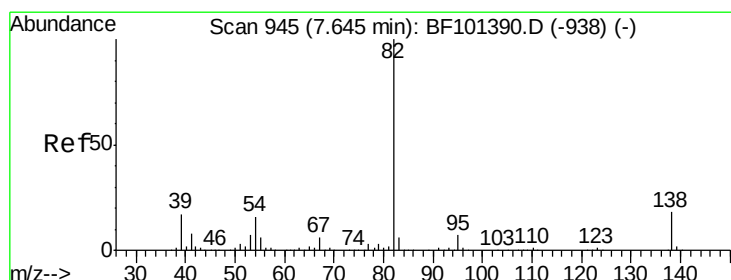
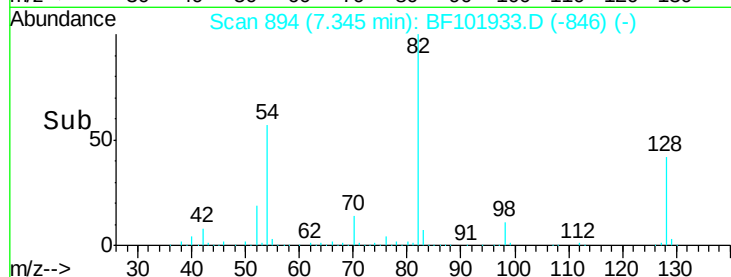
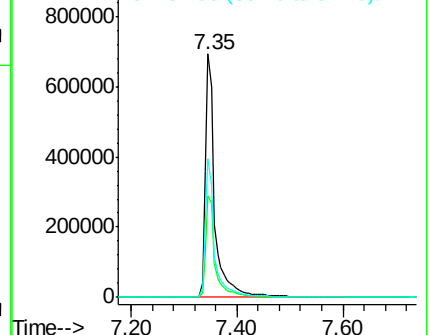
54 56.7 41.4 62.2



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



#25

Isophorone

Concen: 51.973 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF101933.D

Acq: 5 Jan 2018 16:48

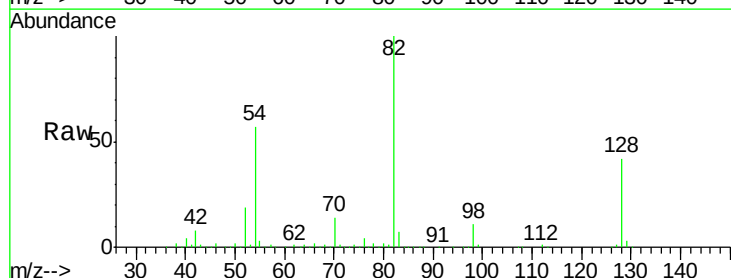
Tgt Ion: 82 Resp: 875539

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

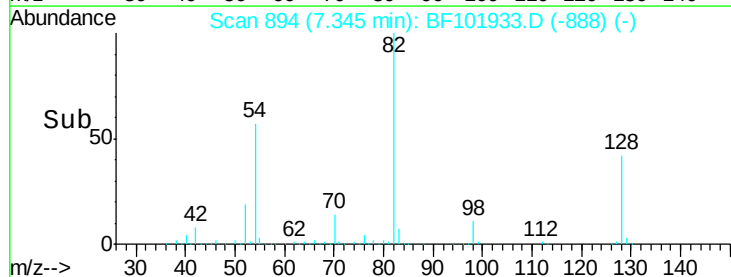
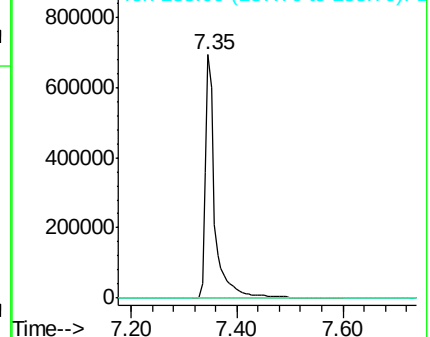
138 0.0 14.9 22.3#

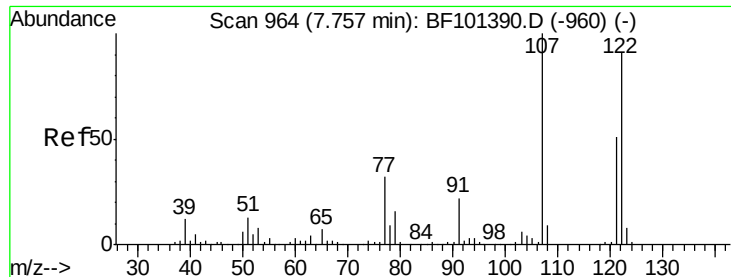


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

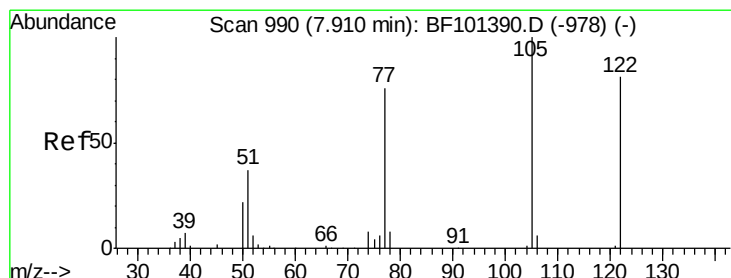
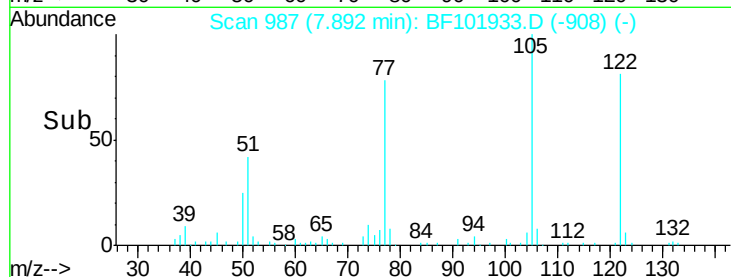
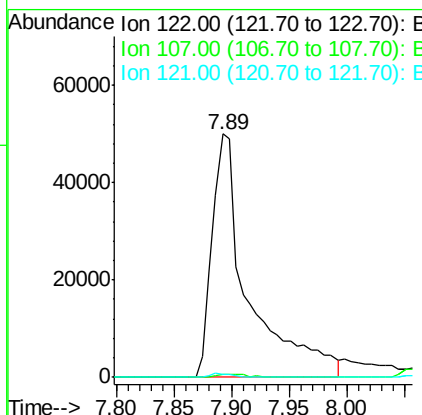
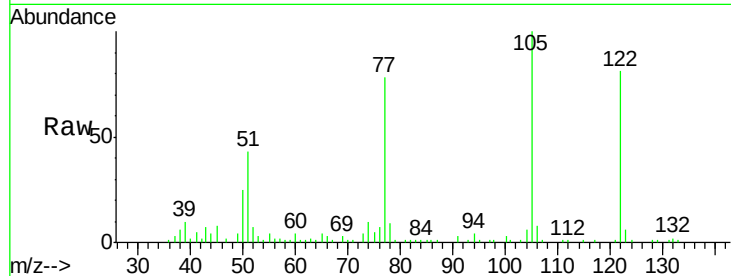




#27
2,4-Dimethylphenol
Concen: 16.201 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.16 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

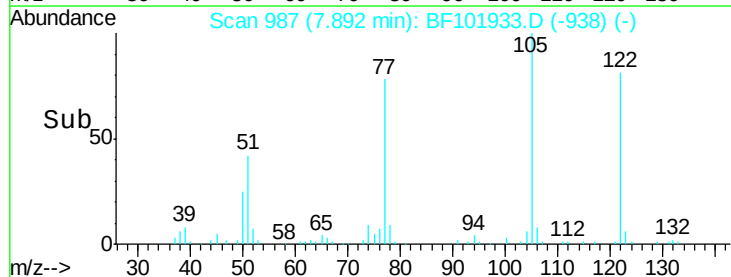
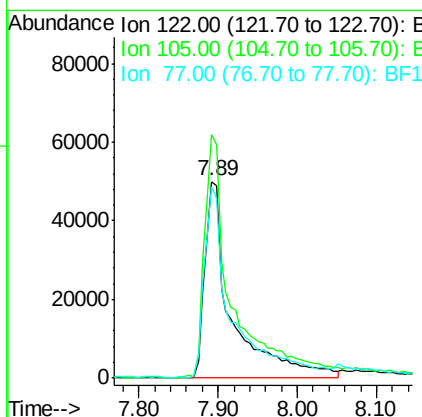
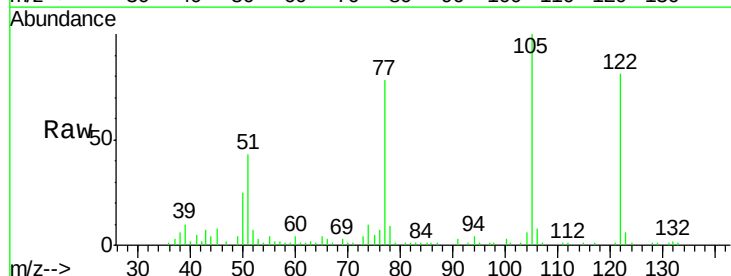
Instrument :
BNA_F
ClientSampleId :
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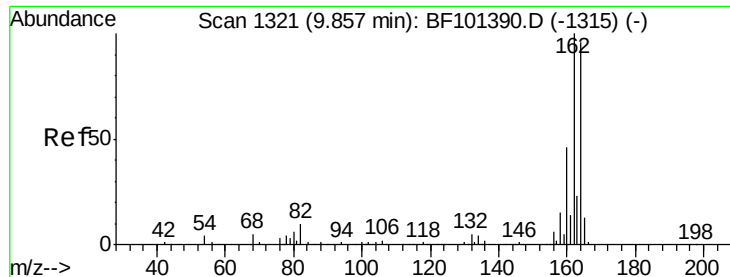
Tgt Ion:122 Resp: 109896
Ion Ratio Lower Upper
122 100
107 1.3 91.2 136.8#
121 1.0 47.2 70.8#



#32
Benzoic acid
Concen: 29.692 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Tgt Ion:122 Resp: 119073
Ion Ratio Lower Upper
122 100
105 123.8 101.1 141.1
77 97.1 70.7 110.7

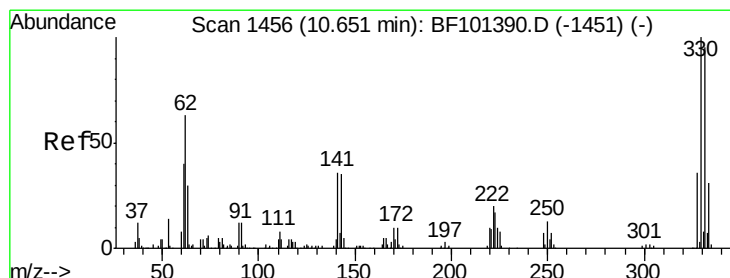
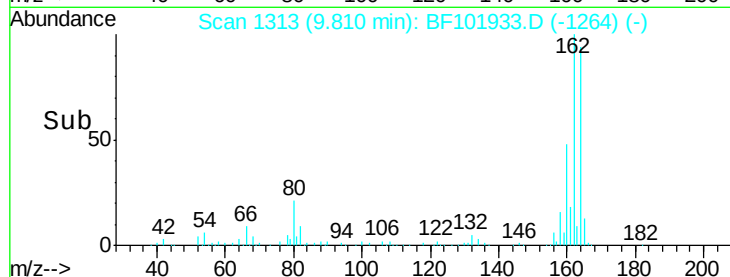
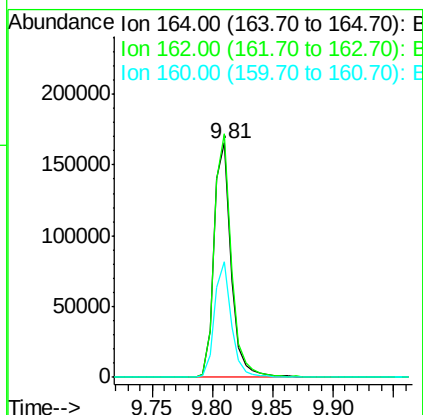
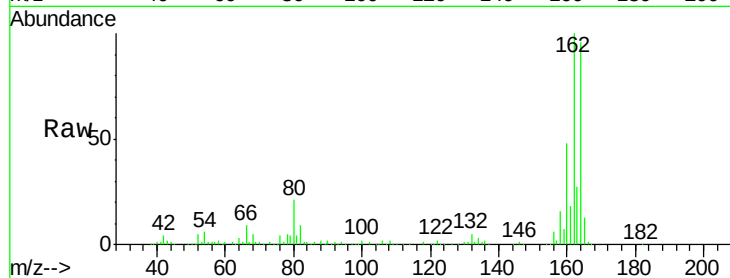




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

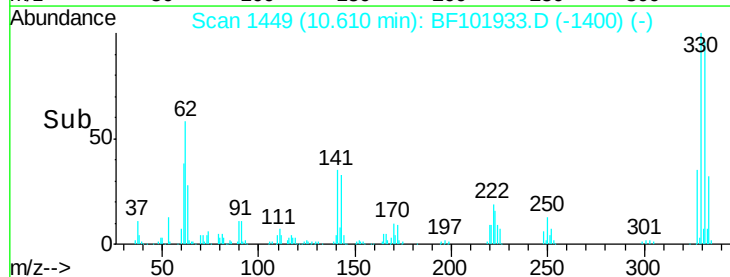
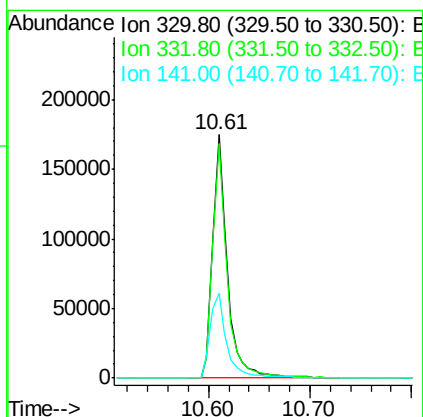
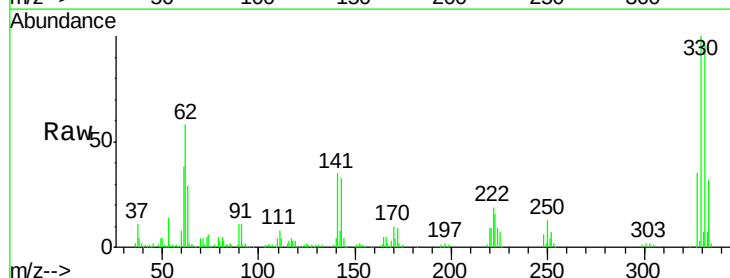
Instrument :
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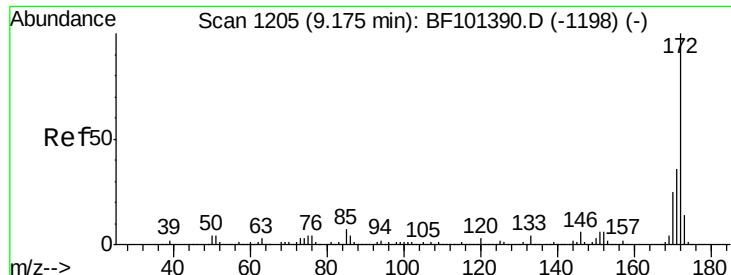
Tgt Ion:164 Resp: 159935
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 49.5 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 115.889 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Tgt Ion:330 Resp: 178596
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 39.6 29.9 44.9

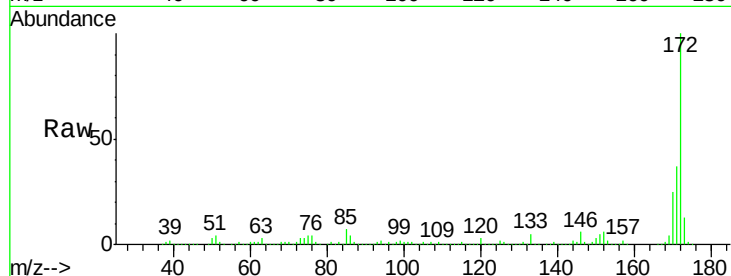




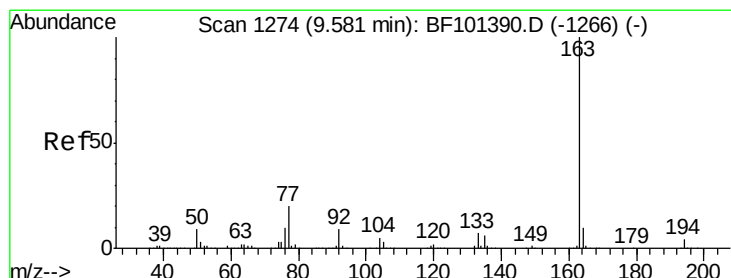
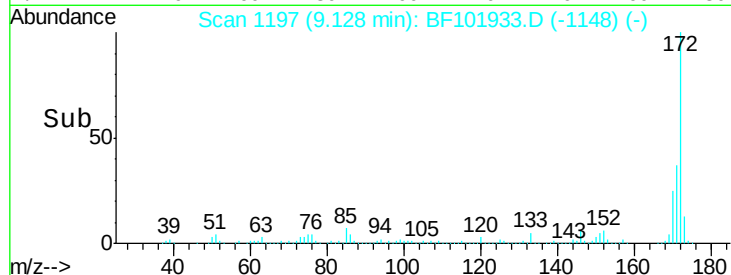
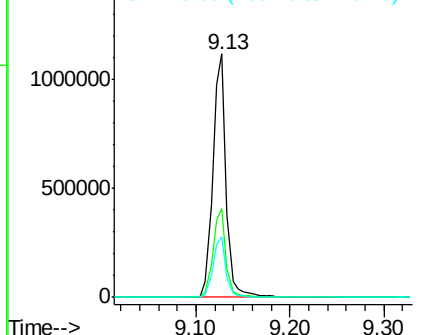
#44
2-Fluorobiphenyl
Concen: 108.959 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
OWS-4

Tgt Ion:172 Resp: 1123379
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.8 19.6 29.4

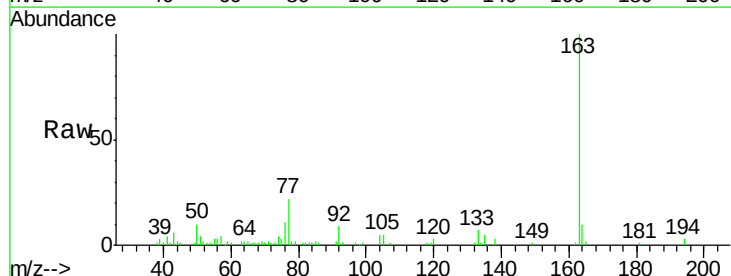


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

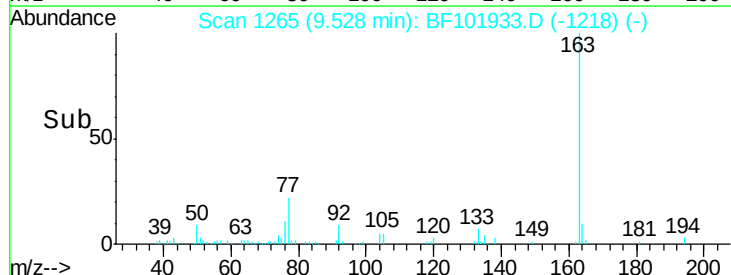
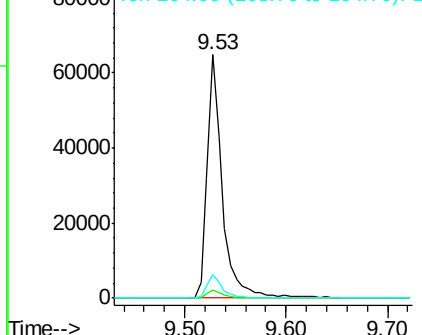


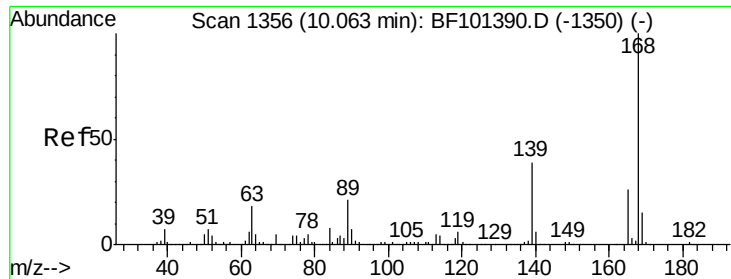
#49
Dimethylphthalate
Concen: 5.186 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Tgt Ion:163 Resp: 66712
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 9.7 8.2 12.2



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

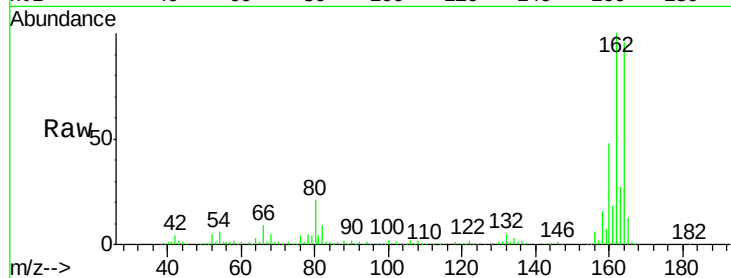




#56
 2,4-Dinitrotoluene
 Concen: 7.150 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.24 min
 Lab File: BF101933.D
 Acq: 5 Jan 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 OWS-4

Tgt Ion:	165	Resp:	21062
Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.4	54.6#
89	1.6	57.8	86.6#
182	1.9	1.6	2.4

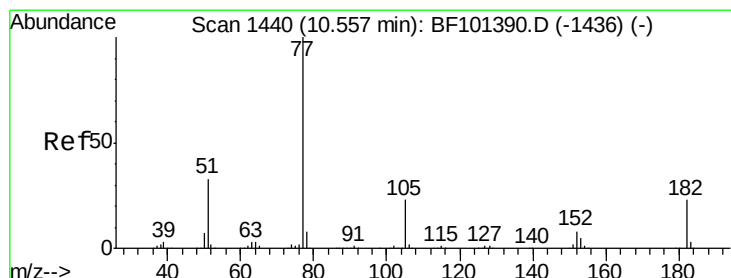
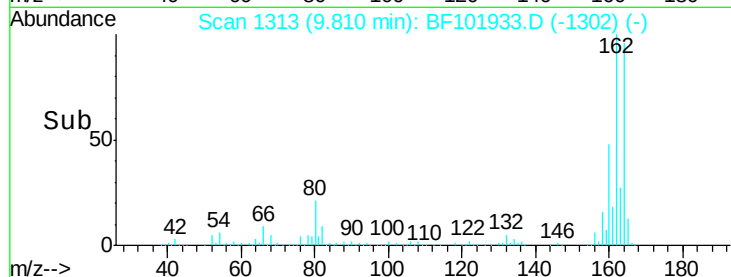
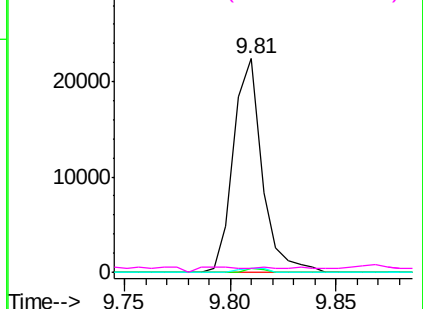


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

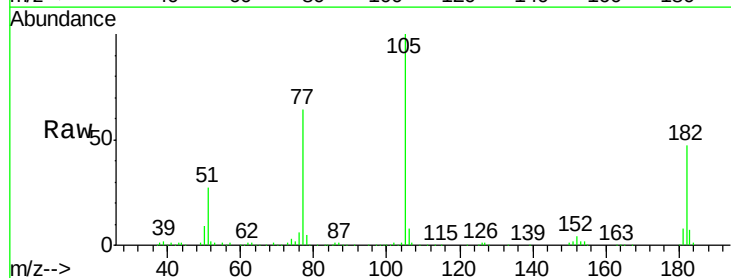
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#62
 Azobenzene
 Concen: 8.114 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: BF101933.D
 Acq: 5 Jan 2018 16:48

Tgt Ion:	77	Resp:	107075
Ion	Ratio	Lower	Upper
77	100		
182	73.4	1.7	41.7#
105	155.3	3.0	43.0#
51	42.1	9.9	49.9

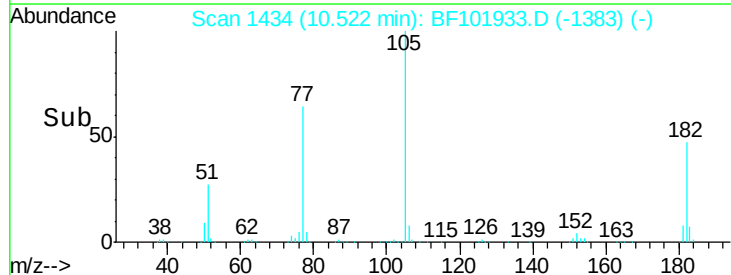
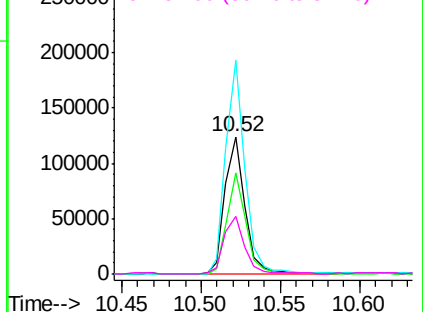


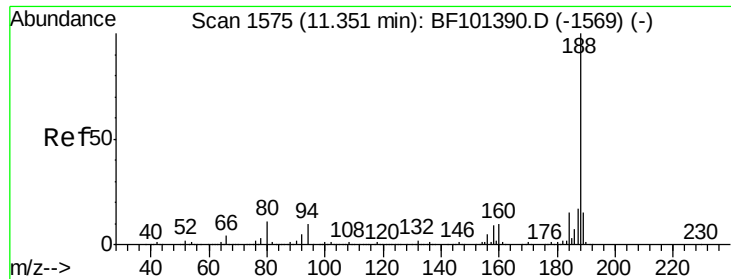
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

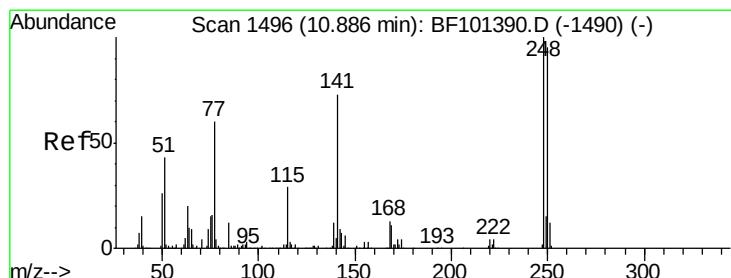
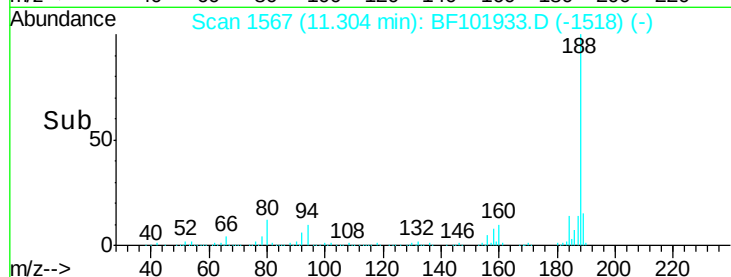
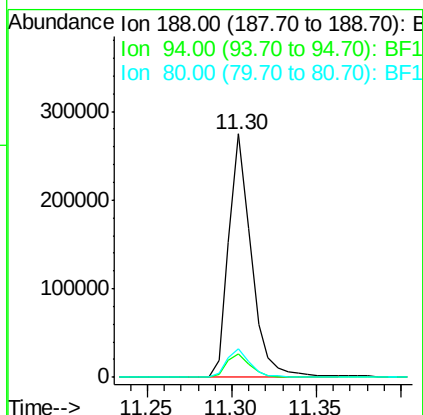
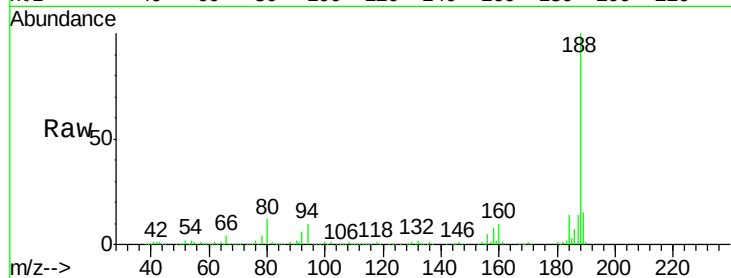




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

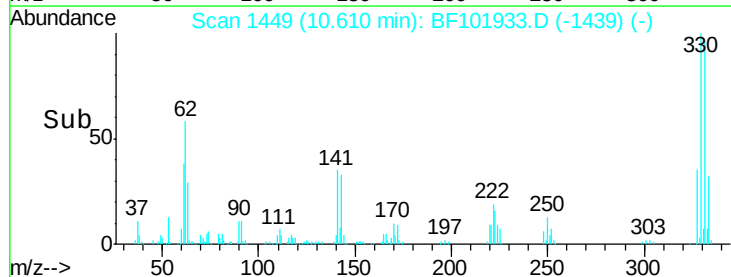
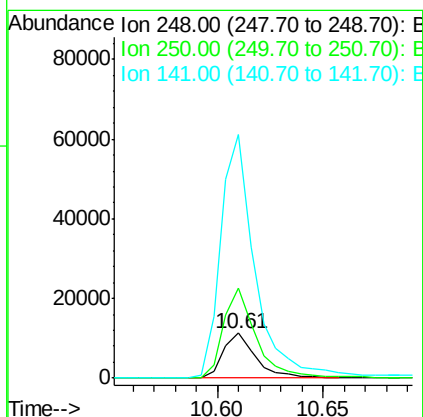
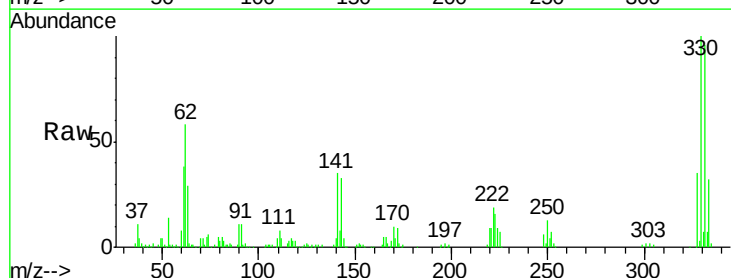
Instrument :
BNA_F
ClientSampleId :
OWS-4

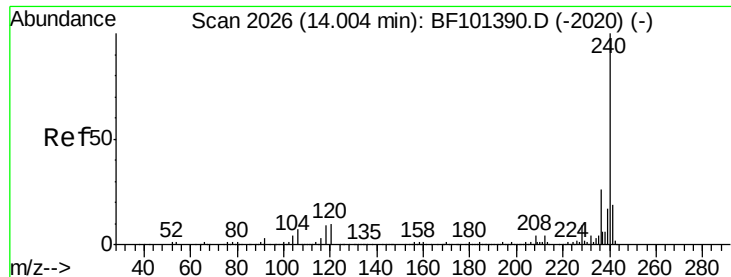
Tgt Ion:188 Resp: 256834
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 11.7 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.155 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.24 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Tgt Ion:248 Resp: 11990
Ion Ratio Lower Upper
248 100
250 199.1 76.9 115.3#
141 542.1 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF101933.D

Acq: 5 Jan 2018 16:48

Instrument :

BNA_F

ClientSampleId :

OWS-4

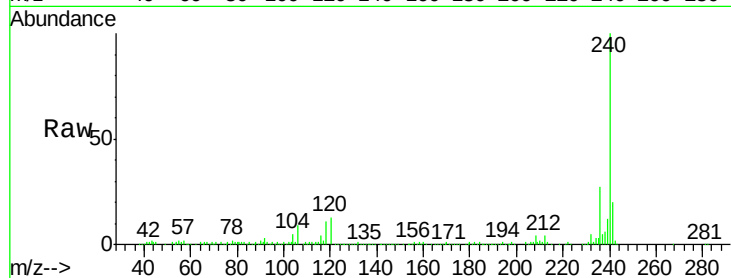
Tgt Ion:240 Resp: 271310

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

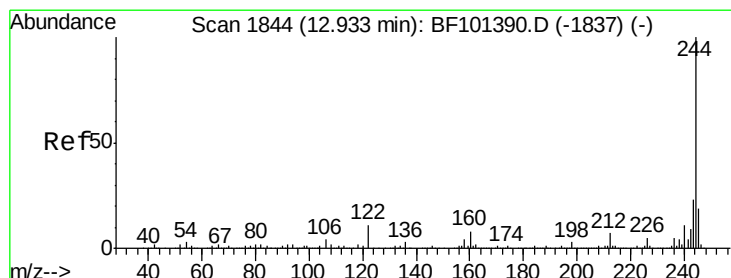
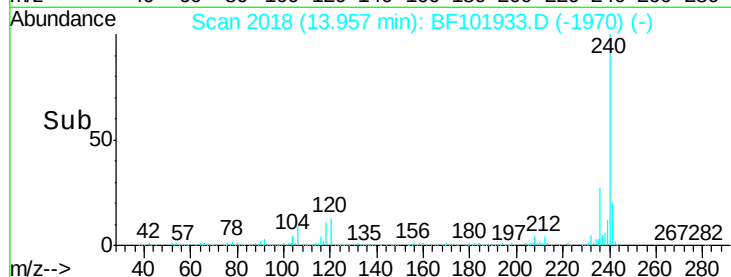
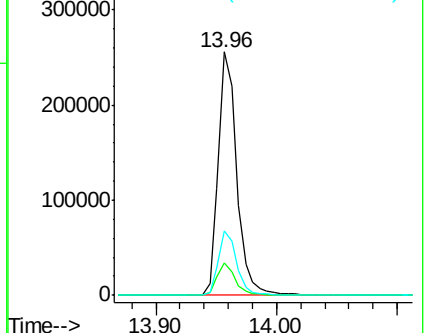
236 26.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 80.081 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF101933.D

Acq: 5 Jan 2018 16:48

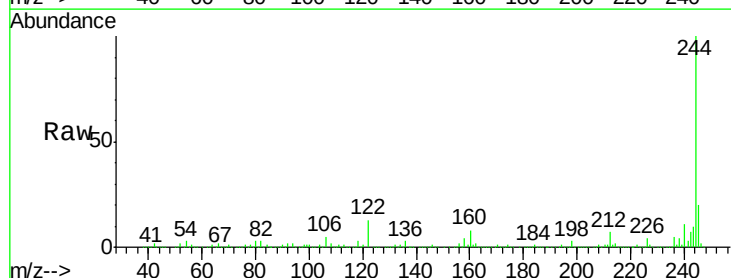
Tgt Ion:244 Resp: 901234

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

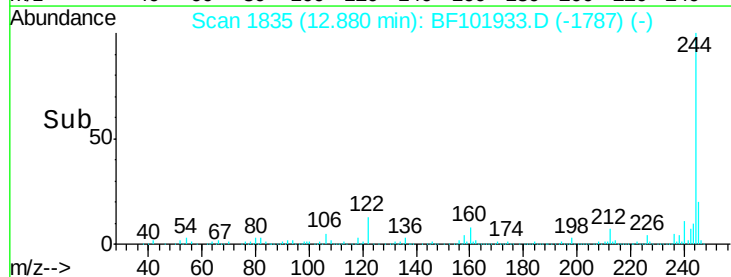
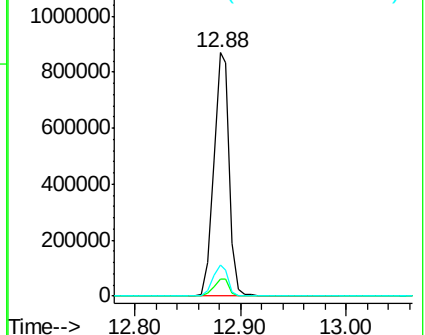
122 12.9 11.0 16.4

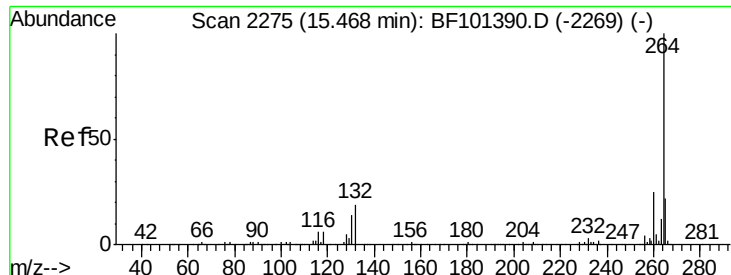


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

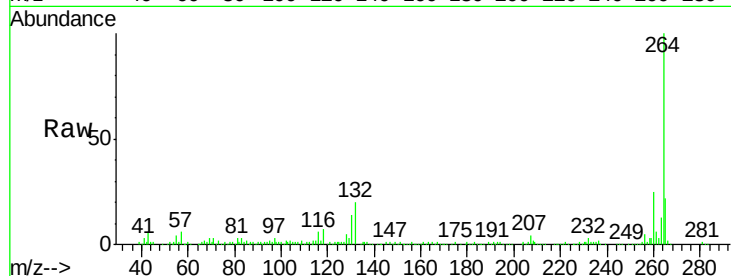




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
OWS-4

Tgt Ion: 264 Resp: 217513
Ion Ratio Lower Upper
264 100
260 25.1 19.2 28.8
265 21.8 17.5 26.3



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

