

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF010518\
 Data File : BF101932.D
 Acq On : 5 Jan 2018 16:21
 Operator : SJ/JU
 Sample : J1032-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWS-3

Quant Time: Jan 05 16:50:14 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	123641	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	455097	20.00	ng	-0.02
38) Acenaphthene-d10	9.81	164	155206	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	242627	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	268326	20.00	ng	-0.01
86) Perylene-d12	15.43	264	218940	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	1105453	133.18	ng	0.00
7) Phenol-d6	6.43	99	1180686	114.29	ng	0.00
23) Nitrobenzene-d5	7.35	82	840162	102.77	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	171037	114.37	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1108533	110.79	ng	-0.01
78) Terphenyl-d14	12.88	244	905597	81.36	ng	-0.02

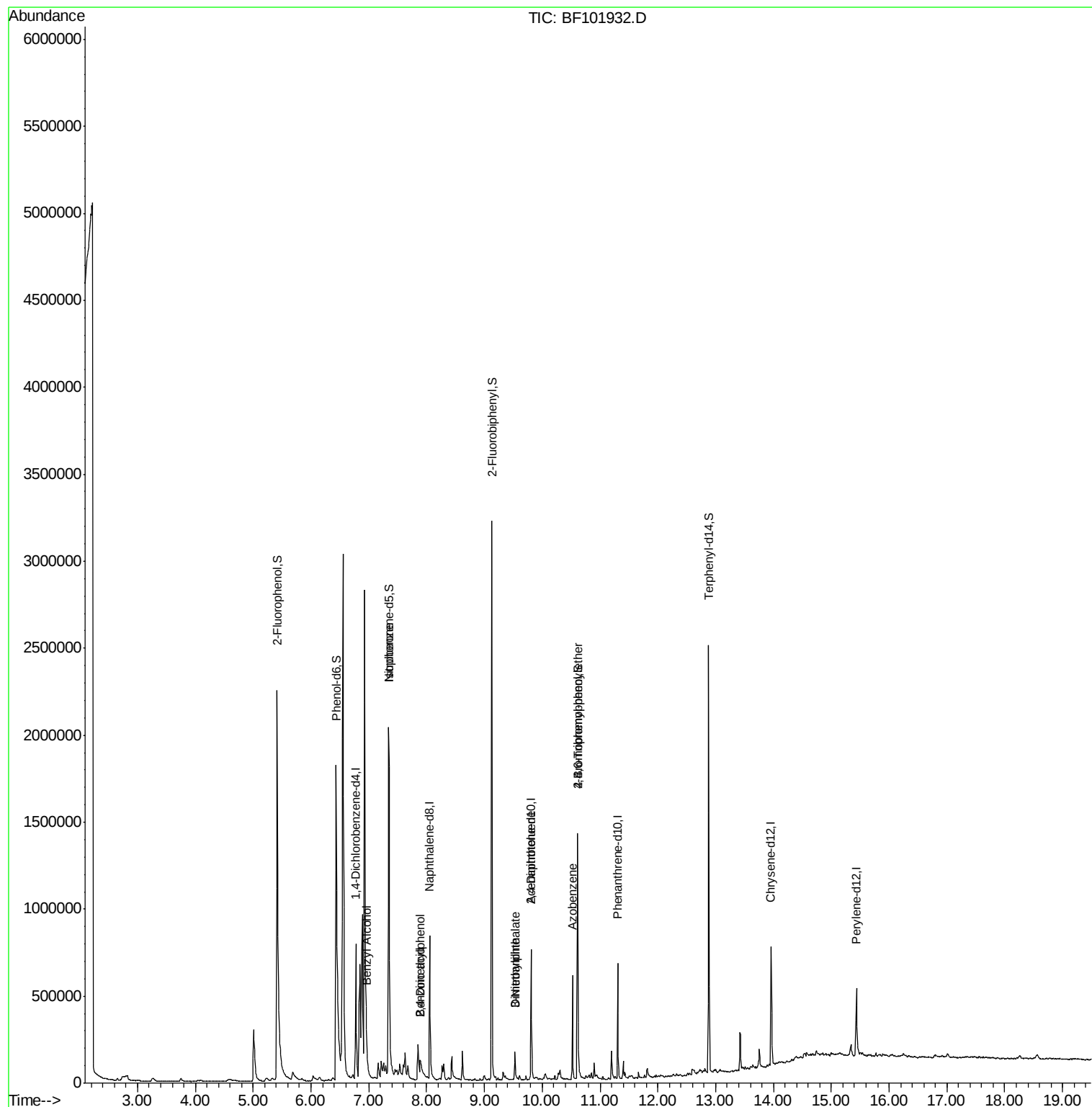
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.96	79	32252	4.536	ng	93
25) Isophorone	7.35	82	840162	51.227	ng	# 64
27) 2,4-Dimethylphenol	7.90	122	52263	7.914	ng	# 6
32) Benzoic acid	7.90	122	60852	19.368	ng	97
49) Dimethylphthalate	9.53	163	62450	5.002	ng	99
52) 3-Nitroaniline	9.53	138	8655	2.736	ng	# 67
56) 2,4-Dinitrotoluene	9.81	165	19517	6.827	ng	# 25
62) Azobenzene	10.52	77	105466	8.235	ng	# 1
66) 4-Bromophenyl-phenylether	10.61	248	11616	4.261	ng	# 1

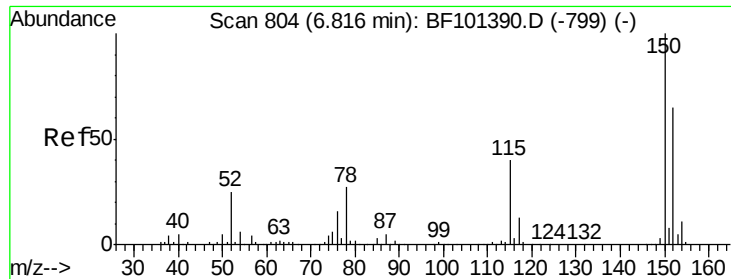
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF010518\
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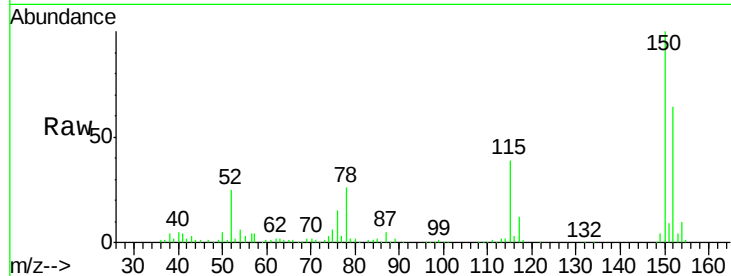


#1

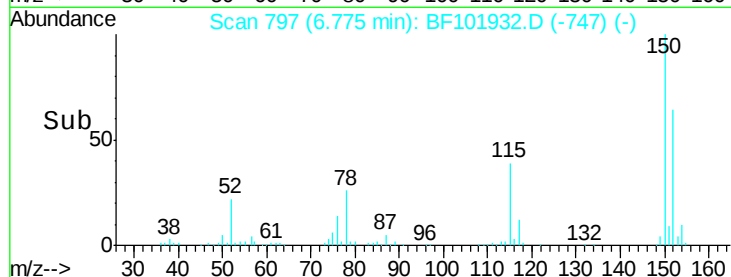
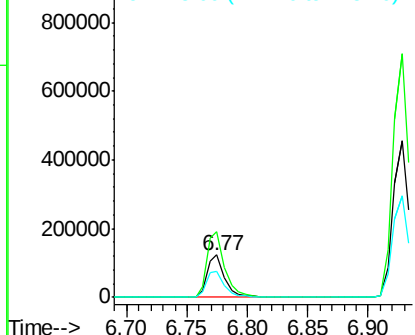
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF101932.D
Acq: 5 Jan 2018 16:21

Instrument :
BNA_F
ClientSampled :
OWS-3

Tgt Ion:152 Resp: 123641
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 60.4 50.1 75.1



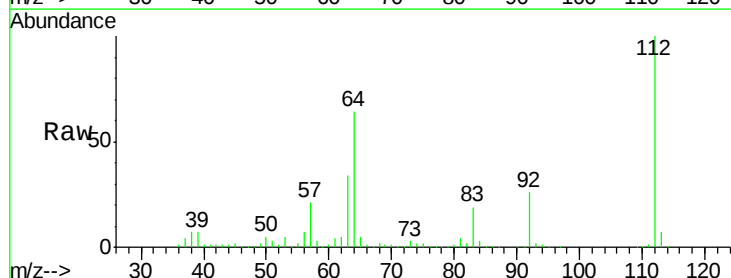
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



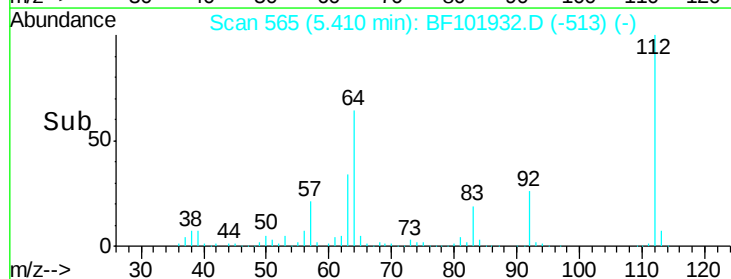
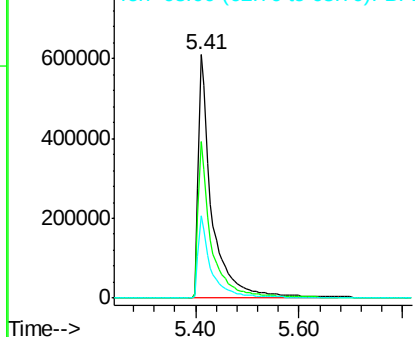
#5

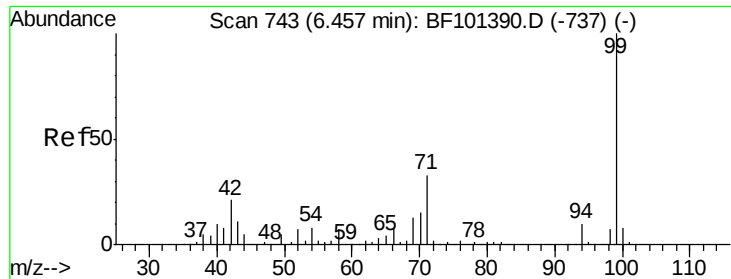
2-Fluorophenol
Concen: 133.181 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101932.D
Acq: 5 Jan 2018 16:21

Tgt Ion:112 Resp: 1105453
Ion Ratio Lower Upper
112 100
64 64.1 47.9 71.9
63 33.8 23.7 35.5



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





#7

Phenol-d6

Concen: 114.295 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101932.D

Acq: 5 Jan 2018 16:21

Instrument :

BNA_F

ClientSampleId :

OWS-3

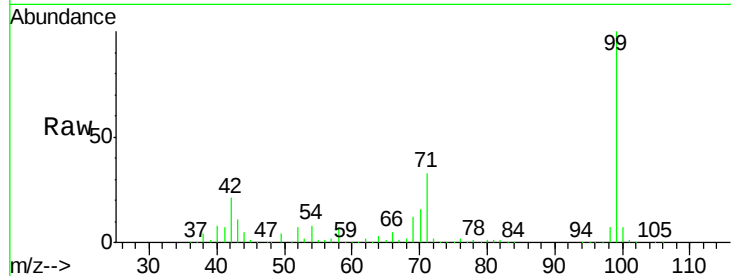
Tgt Ion: 99 Resp: 1180686

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

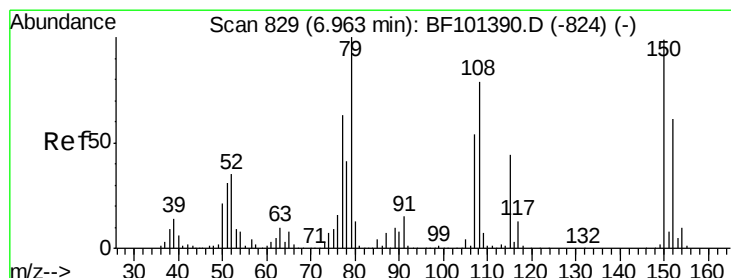
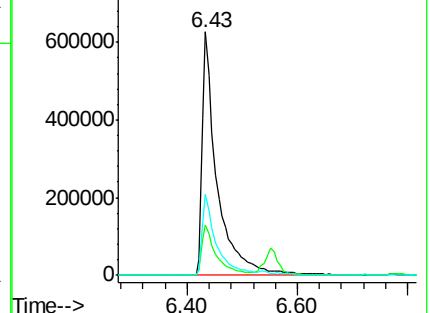
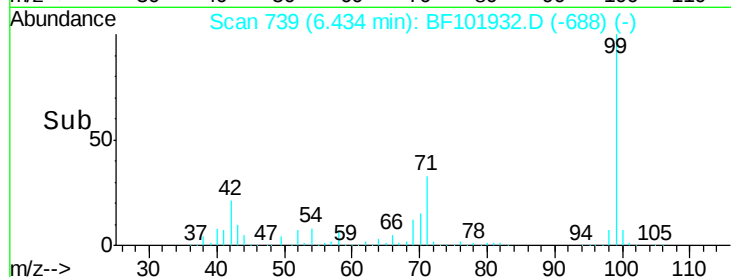
71 33.2 25.4 38.0



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



#15

Benzyl Alcohol

Concen: 4.536 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.02 min

Lab File: BF101932.D

Acq: 5 Jan 2018 16:21

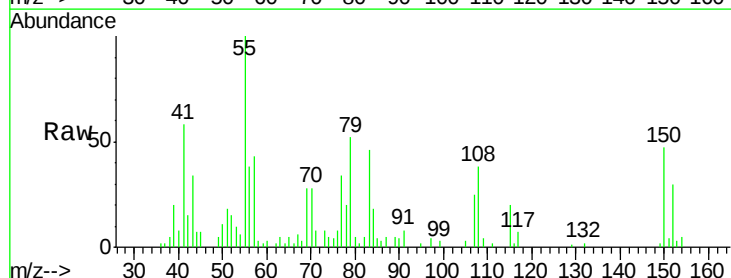
Tgt Ion: 79 Resp: 32252

Ion Ratio Lower Upper

79 100

108 73.7 65.1 97.7

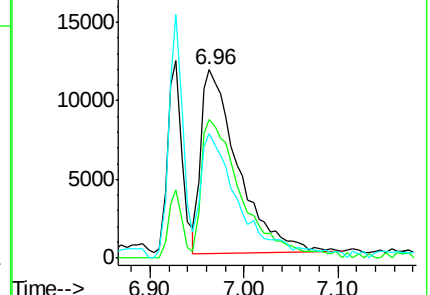
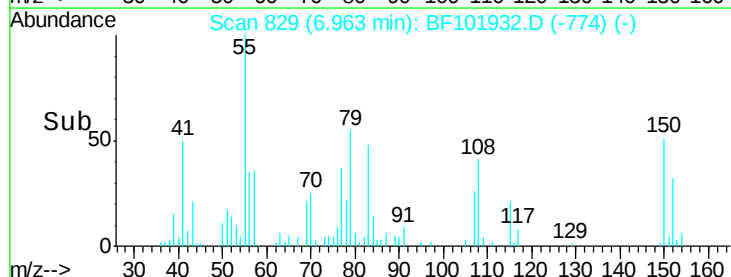
77 66.2 50.6 75.8

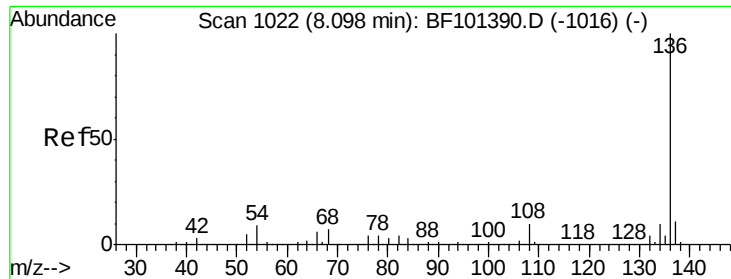


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

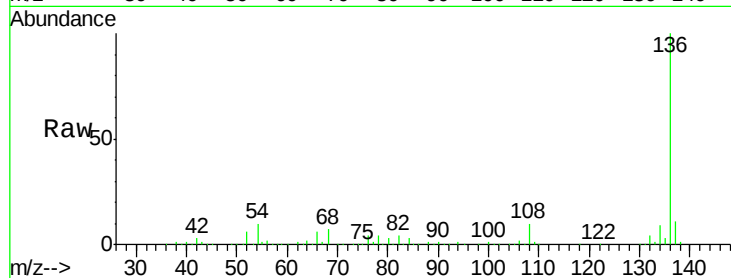




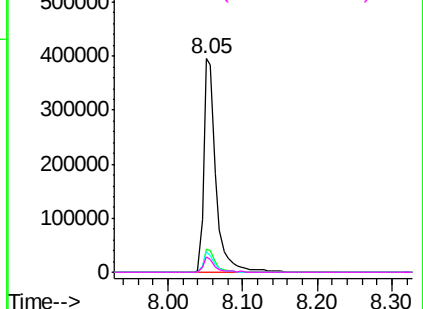
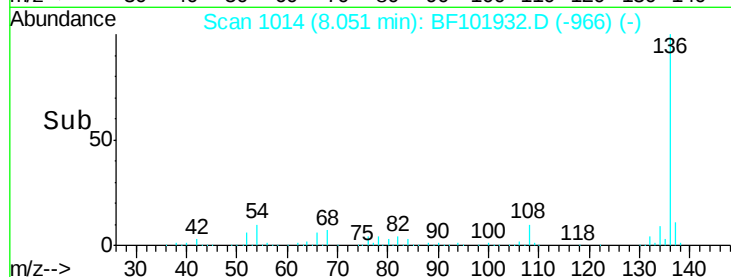
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF101932.D
Acq: 5 Jan 2018 16:21

Instrument :
BNA_F
ClientSampleId :
OWS-3

Tgt Ion:	136	Resp:	455097
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.8	6.6	9.8
68	7.4	5.0	7.4

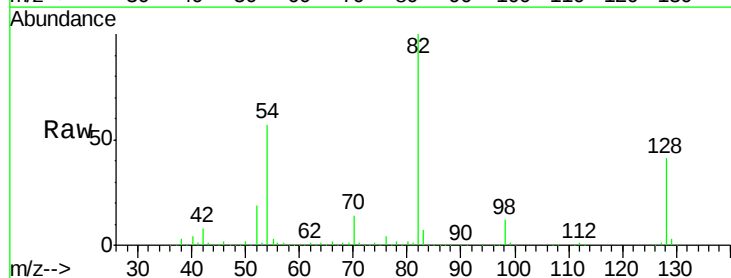


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

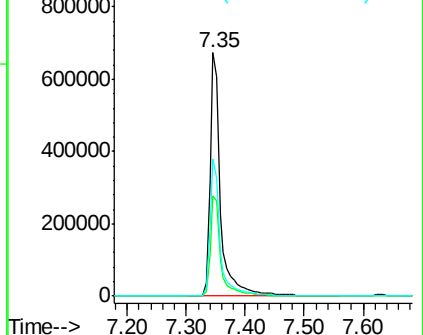
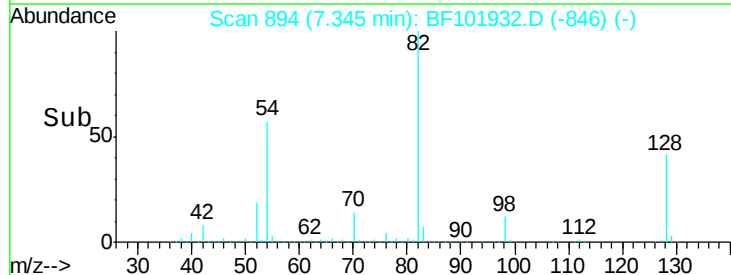


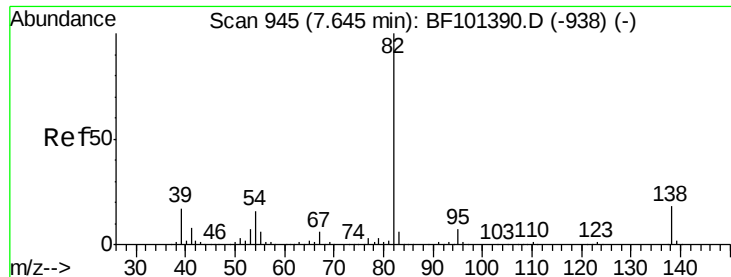
#23
Nitrobenzene-d5
Concen: 102.766 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF101932.D
Acq: 5 Jan 2018 16:21

Tgt Ion:	82	Resp:	840162
Ion	Ratio	Lower	Upper
82	100		
128	41.4	36.1	54.1
54	56.6	41.4	62.2



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





#25

Isophorone

Concen: 51.227 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF101932.D

Acq: 5 Jan 2018 16:21

Instrument :

BNA_F

ClientSampled :

OWS-3

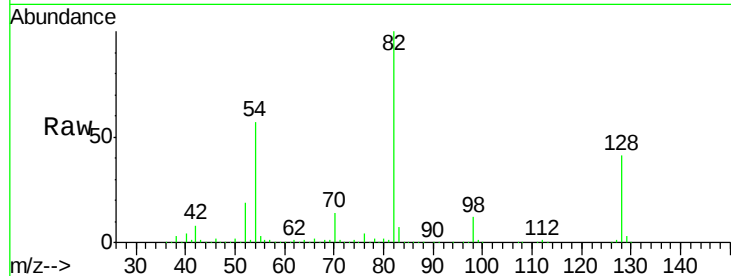
Tgt Ion: 82 Resp: 840162

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

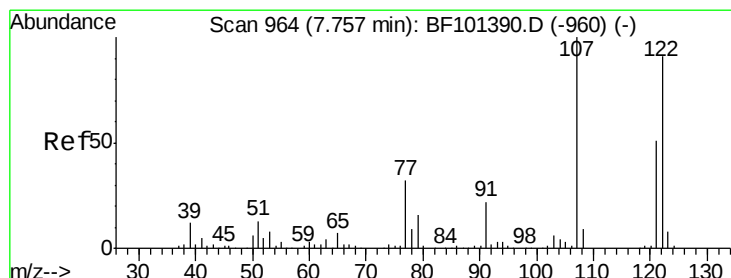
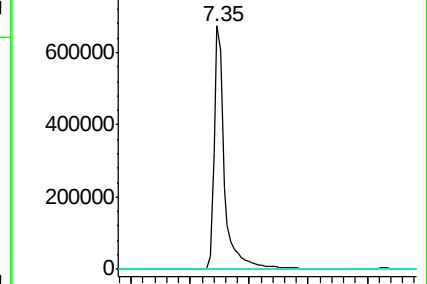
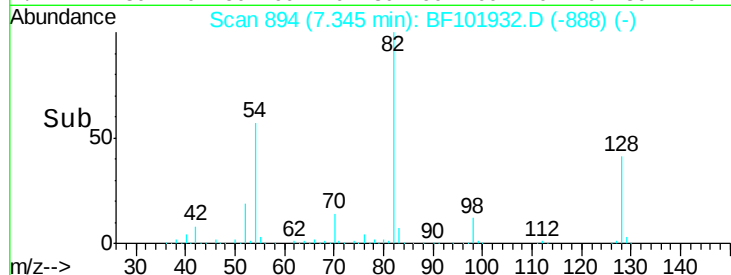
138 0.0 14.9 22.3#



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: 7.914 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.17 min

Lab File: BF101932.D

Acq: 5 Jan 2018 16:21

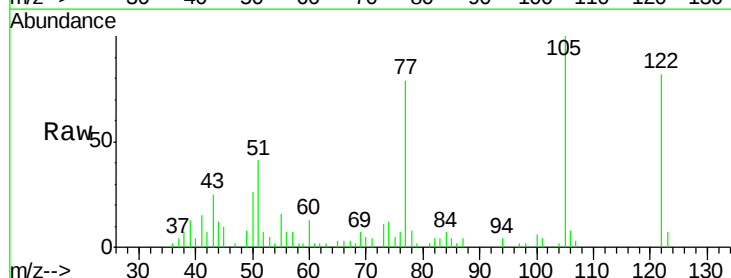
Tgt Ion: 122 Resp: 52263

Ion Ratio Lower Upper

122 100

107 3.4 91.2 136.8#

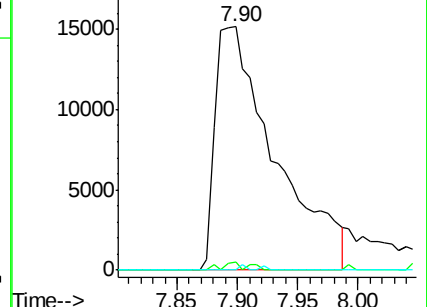
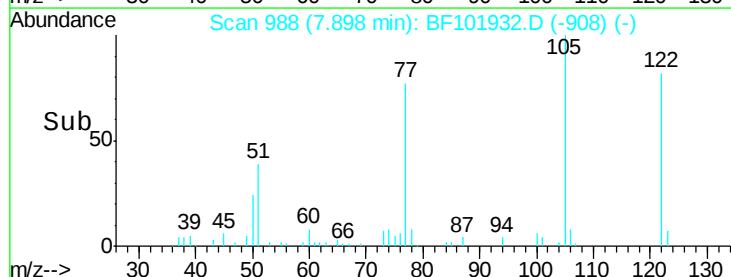
121 0.0 47.2 70.8#

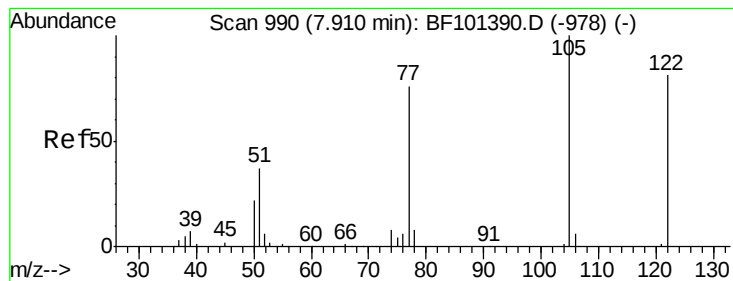


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#32

Benzoic acid

Concen: 19.368 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF101932.D

Acq: 5 Jan 2018 16:21

Instrument :

BNA_F

ClientSampleId :

OWS-3

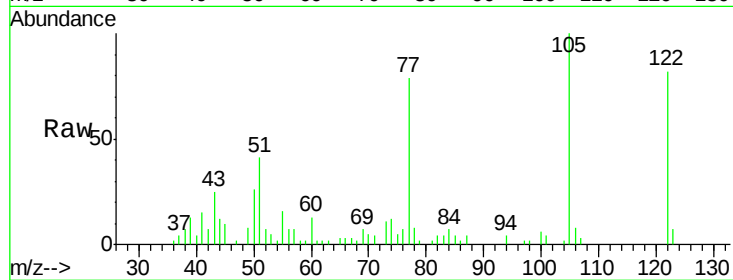
Tgt Ion:122 Resp: 60852

Ion Ratio Lower Upper

122 100

105 121.5 101.1 141.1

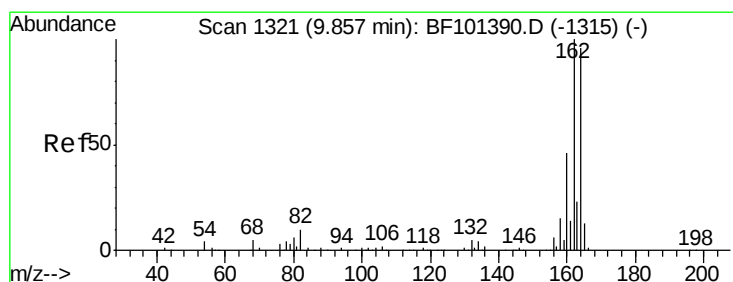
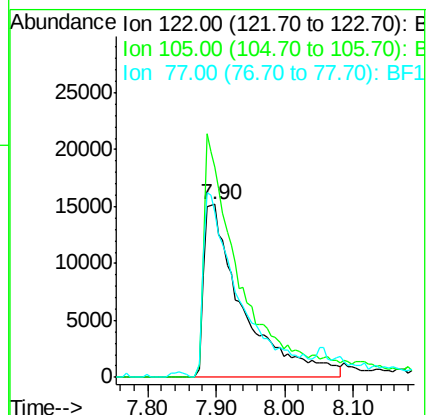
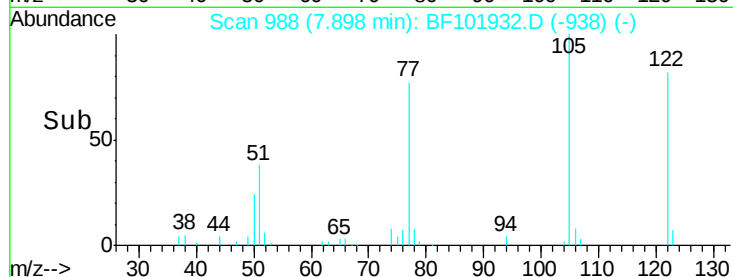
77 96.3 70.7 110.7



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF101932.D

Acq: 5 Jan 2018 16:21

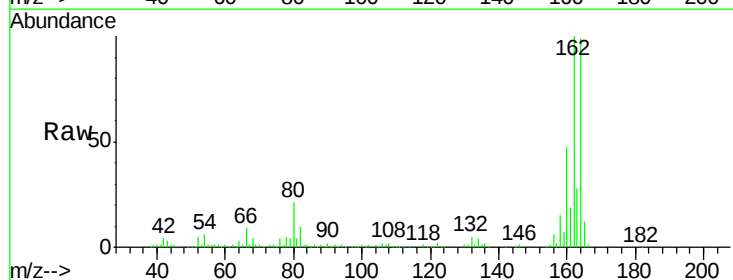
Tgt Ion:164 Resp: 155206

Ion Ratio Lower Upper

164 100

162 100.8 86.1 129.1

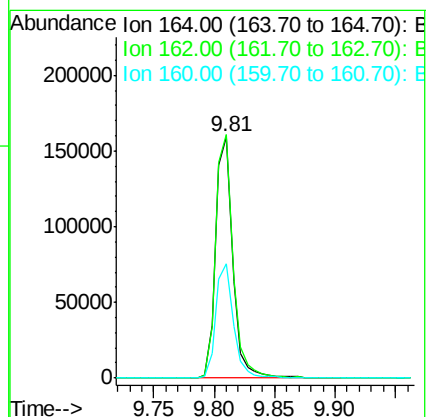
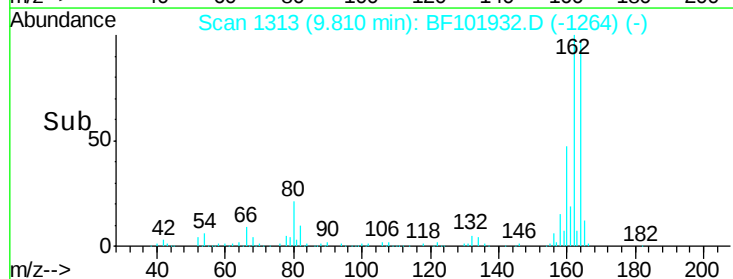
160 47.1 38.3 57.5

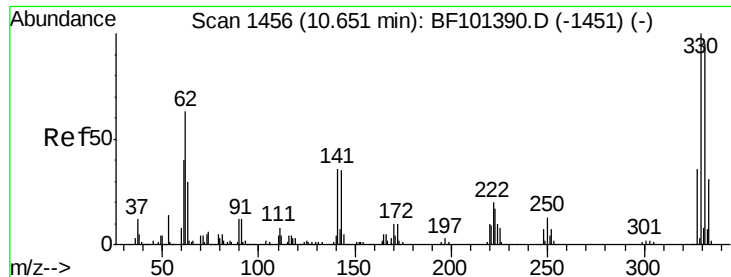


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

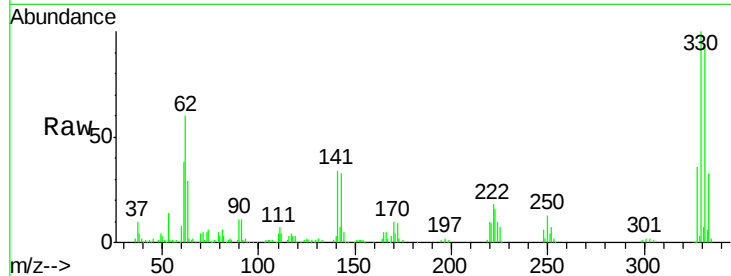




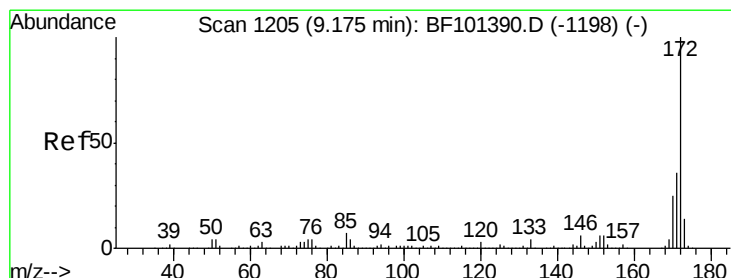
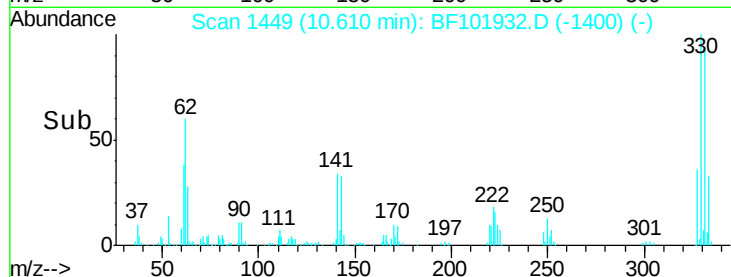
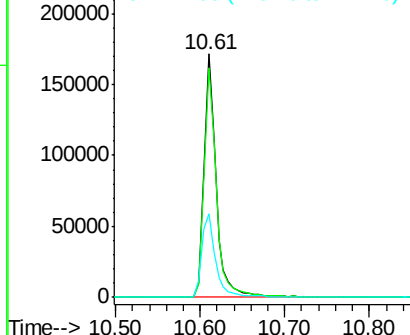
#41
 2,4,6-Tribromophenol
 Concen: 114.365 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF101932.D
 Acq: 5 Jan 2018 16:21

Instrument :
 BNA_F
 ClientSampleId :
 OWS-3

Tgt Ion: 330 Resp: 171037
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 39.7 29.9 44.9

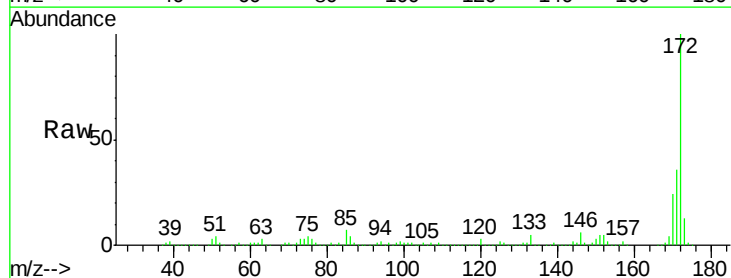


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

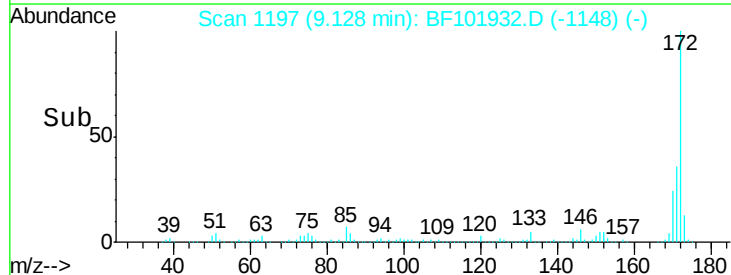
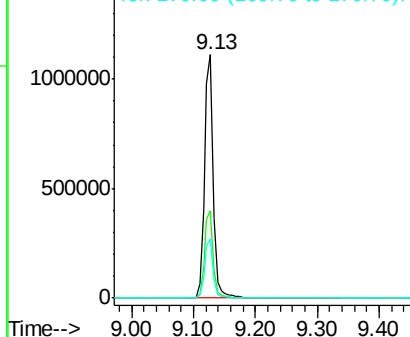


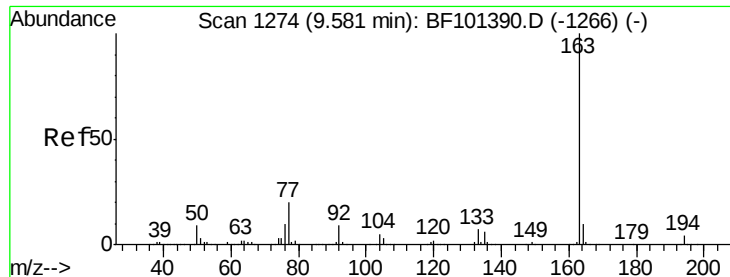
#44
 2-Fluorobiphenyl
 Concen: 110.795 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF101932.D
 Acq: 5 Jan 2018 16:21

Tgt Ion: 172 Resp: 1108533
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.5 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

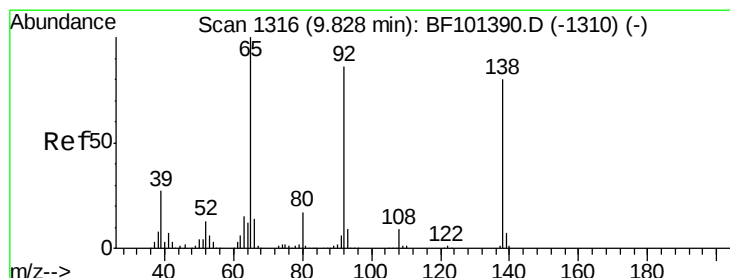
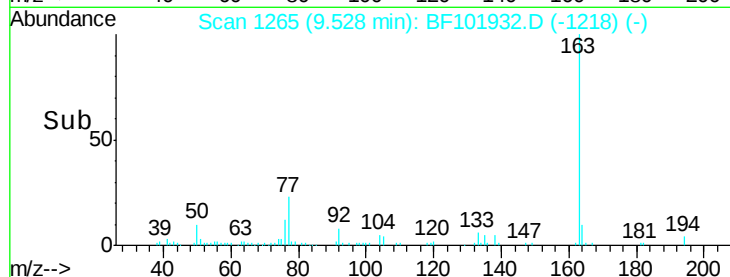
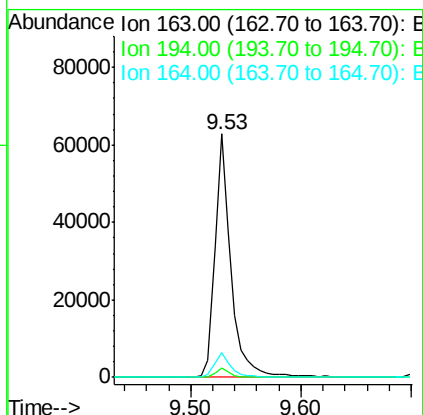
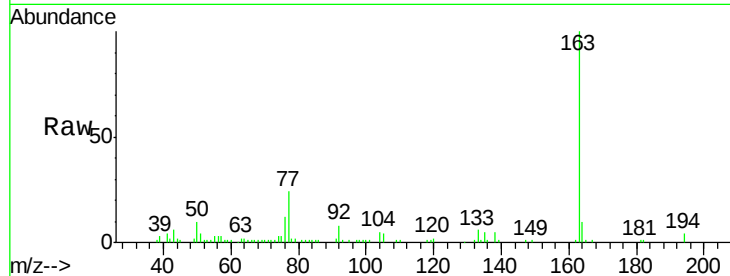




#49
Dimethylphthalate
Concen: 5.002 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF101932.D
Acq: 5 Jan 2018 16:21

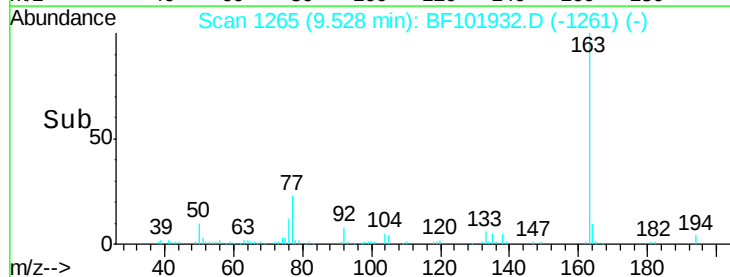
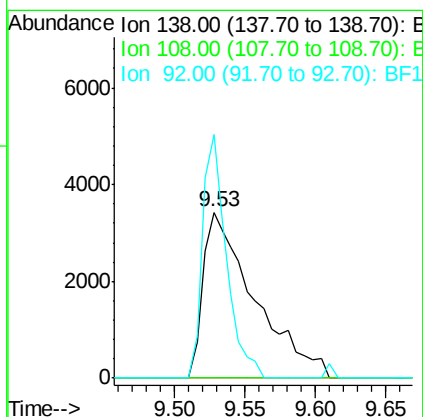
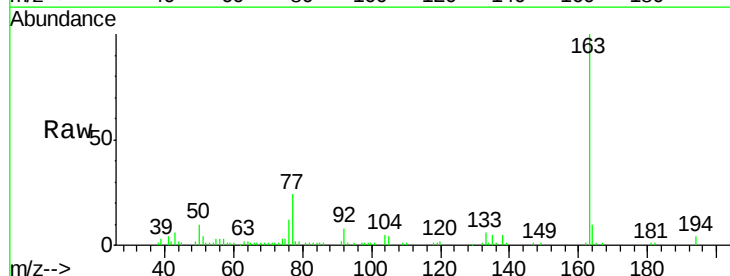
Instrument :
BNA_F
ClientSampleId :
OWS-3

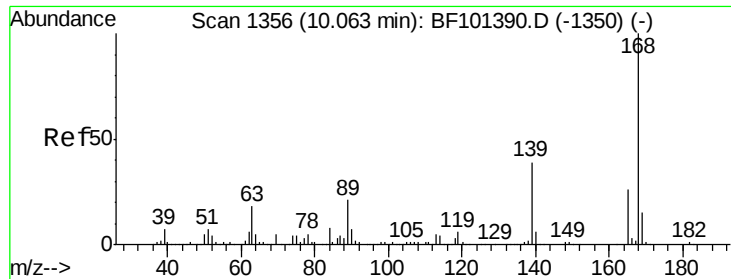
Tgt Ion:163 Resp: 62450
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.1 8.2 12.2



#52
3-Nitroaniline
Concen: 2.736 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.28 min
Lab File: BF101932.D
Acq: 5 Jan 2018 16:21

Tgt Ion:138 Resp: 8655
Ion Ratio Lower Upper
138 100
108 0.0 9.4 14.0#
92 146.9 89.4 134.2#

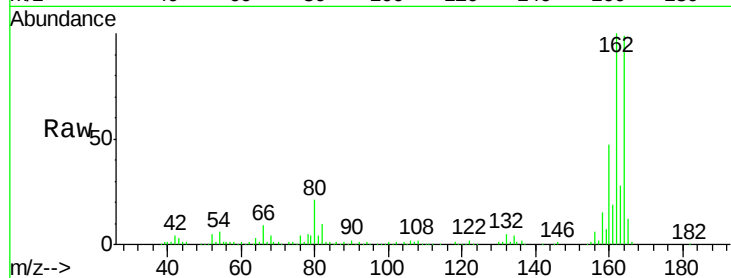




#56
 2,4-Dinitrotoluene
 Concen: 6.827 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.24 min
 Lab File: BF101932.D
 Acq: 5 Jan 2018 16:21

Instrument :
 BNA_F
 ClientSampleId :
 OWS-3

Tgt Ion:	165	Resp:	19517
Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.4	54.6#
89	2.6	57.8	86.6#
182	2.2	1.6	2.4

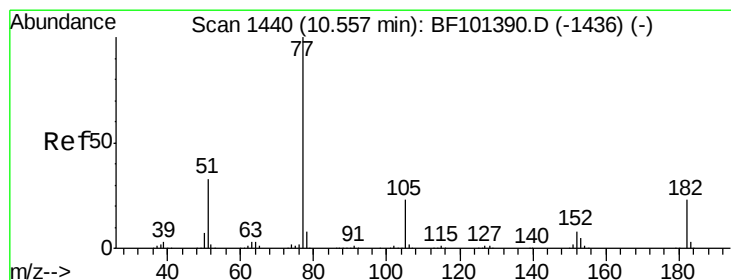
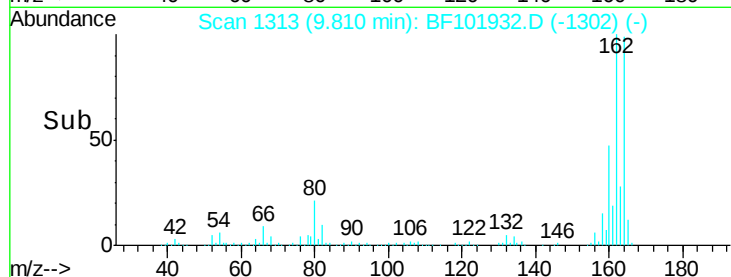
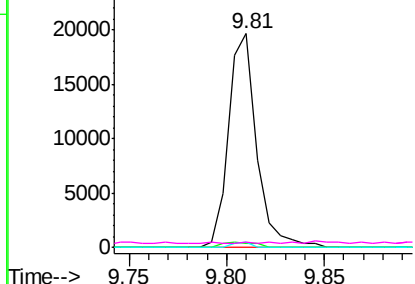


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

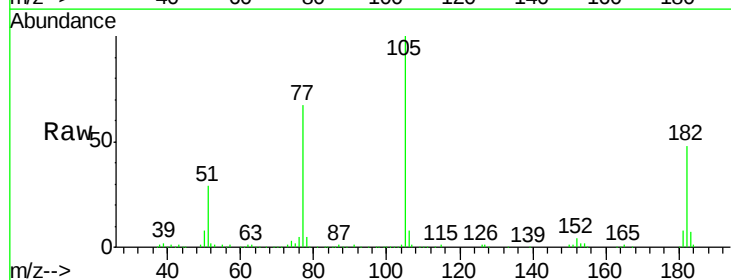
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#62
 Azobenzene
 Concen: 8.235 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: BF101932.D
 Acq: 5 Jan 2018 16:21

Tgt Ion:	77	Resp:	105466
Ion	Ratio	Lower	Upper
77	100		
182	71.9	1.7	41.7#
105	149.9	3.0	43.0#
51	43.4	9.9	49.9

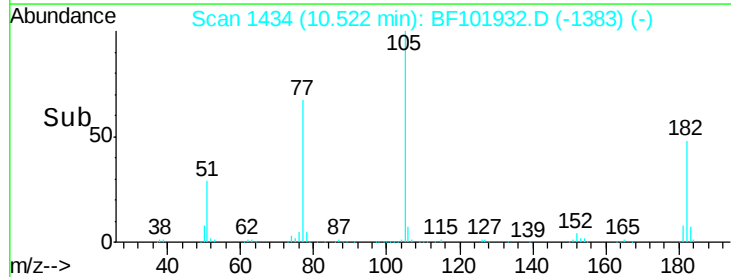
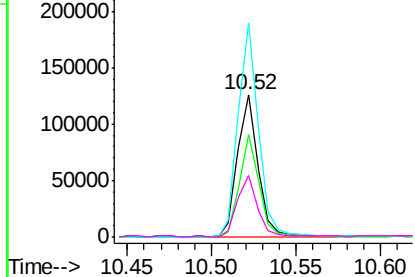


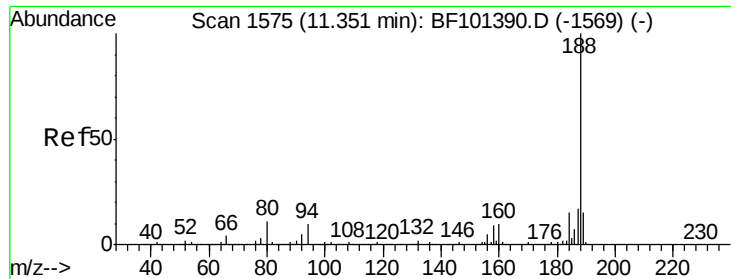
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

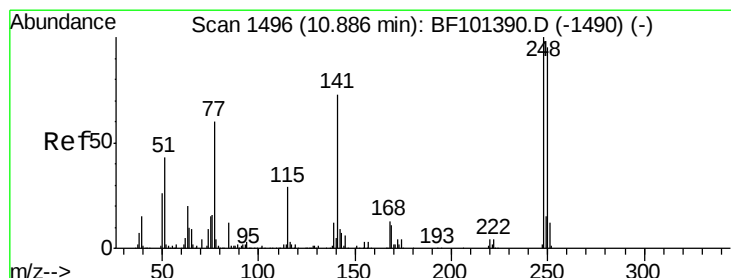
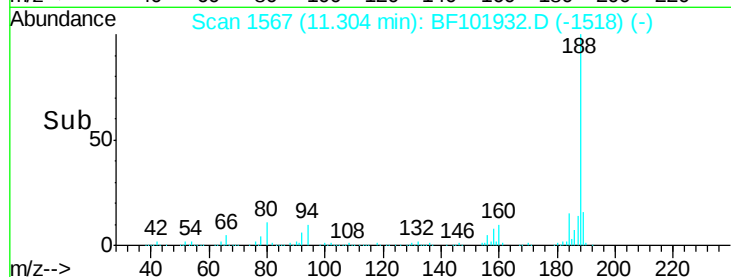
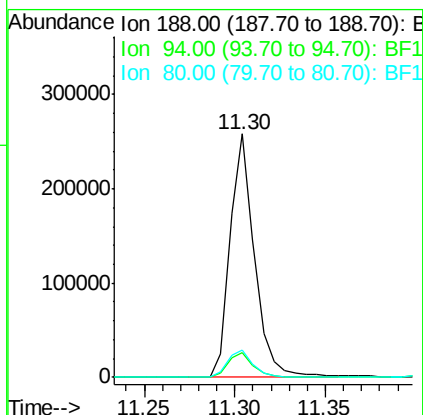
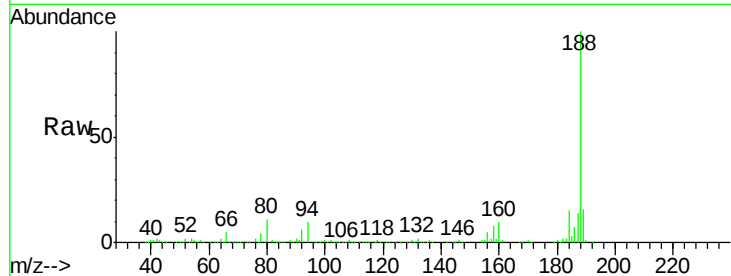




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF101932.D
Acq: 5 Jan 2018 16:21

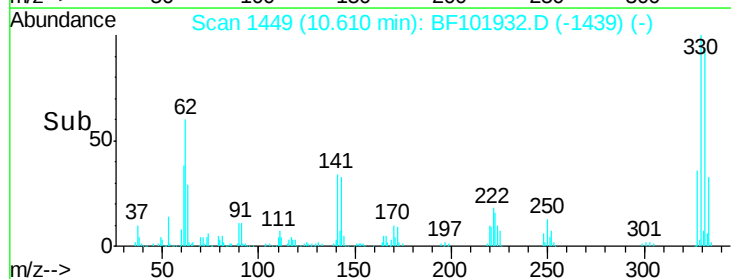
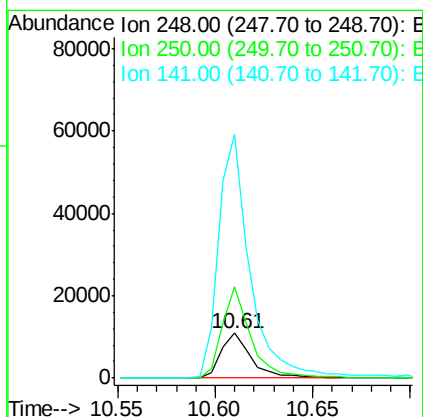
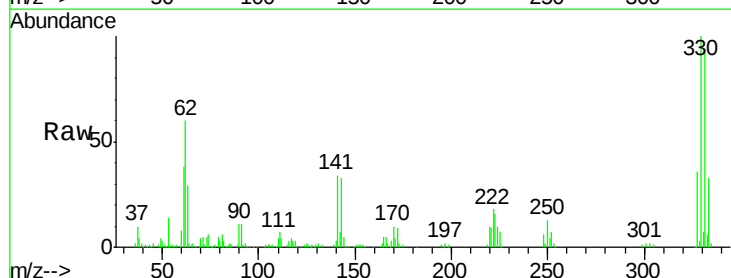
Instrument :
BNA_F
ClientSampleId :
OWS-3

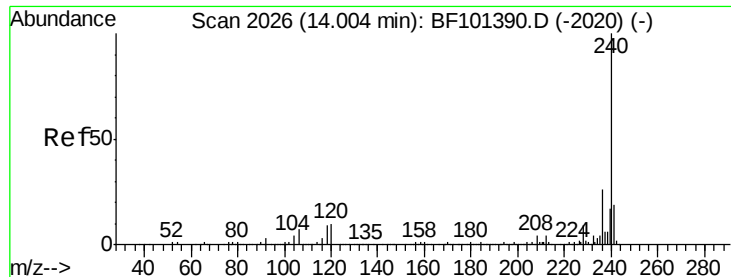
Tgt Ion:188 Resp: 242627
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 11.4 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.261 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.24 min
Lab File: BF101932.D
Acq: 5 Jan 2018 16:21

Tgt Ion:248 Resp: 11616
Ion Ratio Lower Upper
248 100
250 202.4 76.9 115.3#
141 539.7 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101932.D

Acq: 5 Jan 2018 16:21

Instrument :

BNA_F

ClientSampleId :

OWS-3

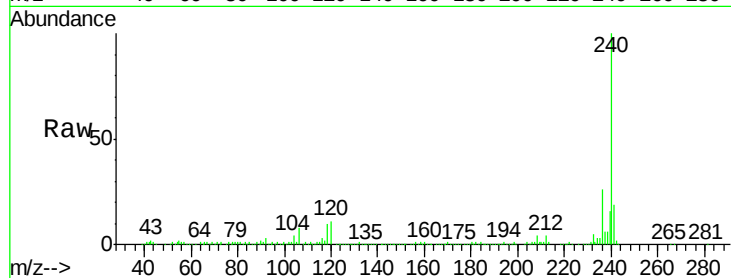
Tgt Ion:240 Resp: 268326

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

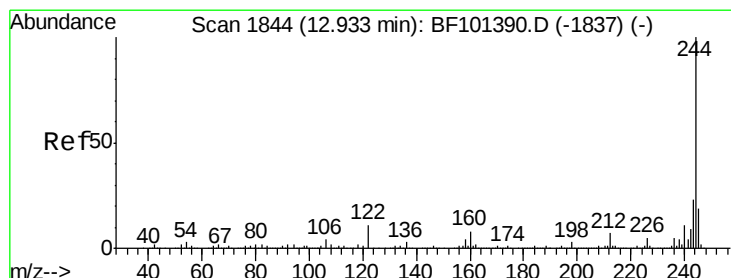
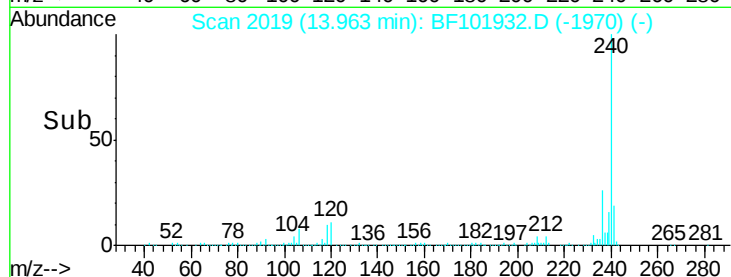
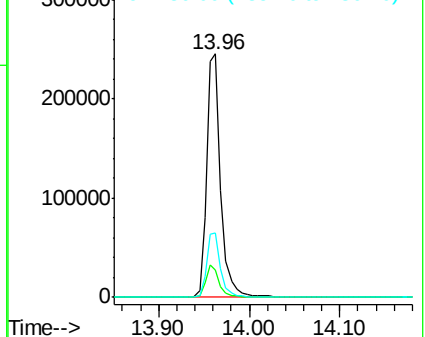
236 26.4 20.7 31.1



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: 81.363 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF101932.D

Acq: 5 Jan 2018 16:21

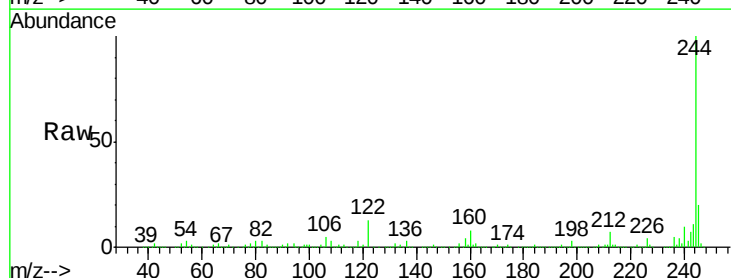
Tgt Ion:244 Resp: 905597

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

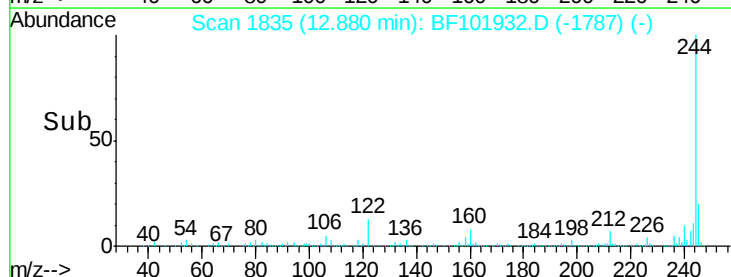
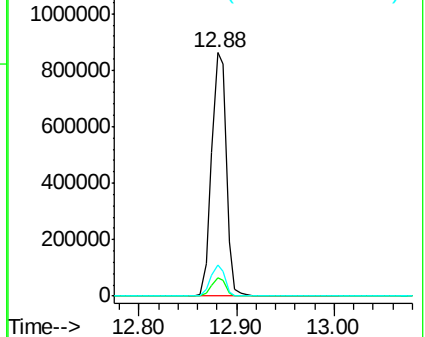
122 12.9 11.0 16.4

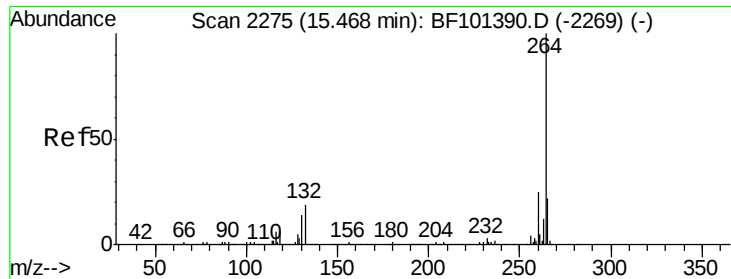


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

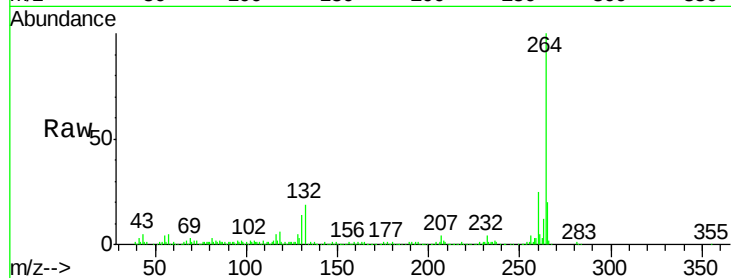




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF101932.D
Acq: 5 Jan 2018 16:21

Instrument :
BNA_F
ClientSampleId :
OWS-3

Tgt Ion: 264 Resp: 218940
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 20.1 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

