

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF010418\
 Data File : BF101890.D
 Acq On : 4 Jan 2018 14:59
 Operator : SJ/JU
 Sample : I1011-01 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-010318-A

Quant Time: Jan 04 16:09:19 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 04 14:22:17 2018
 Response via : Initial Calibration

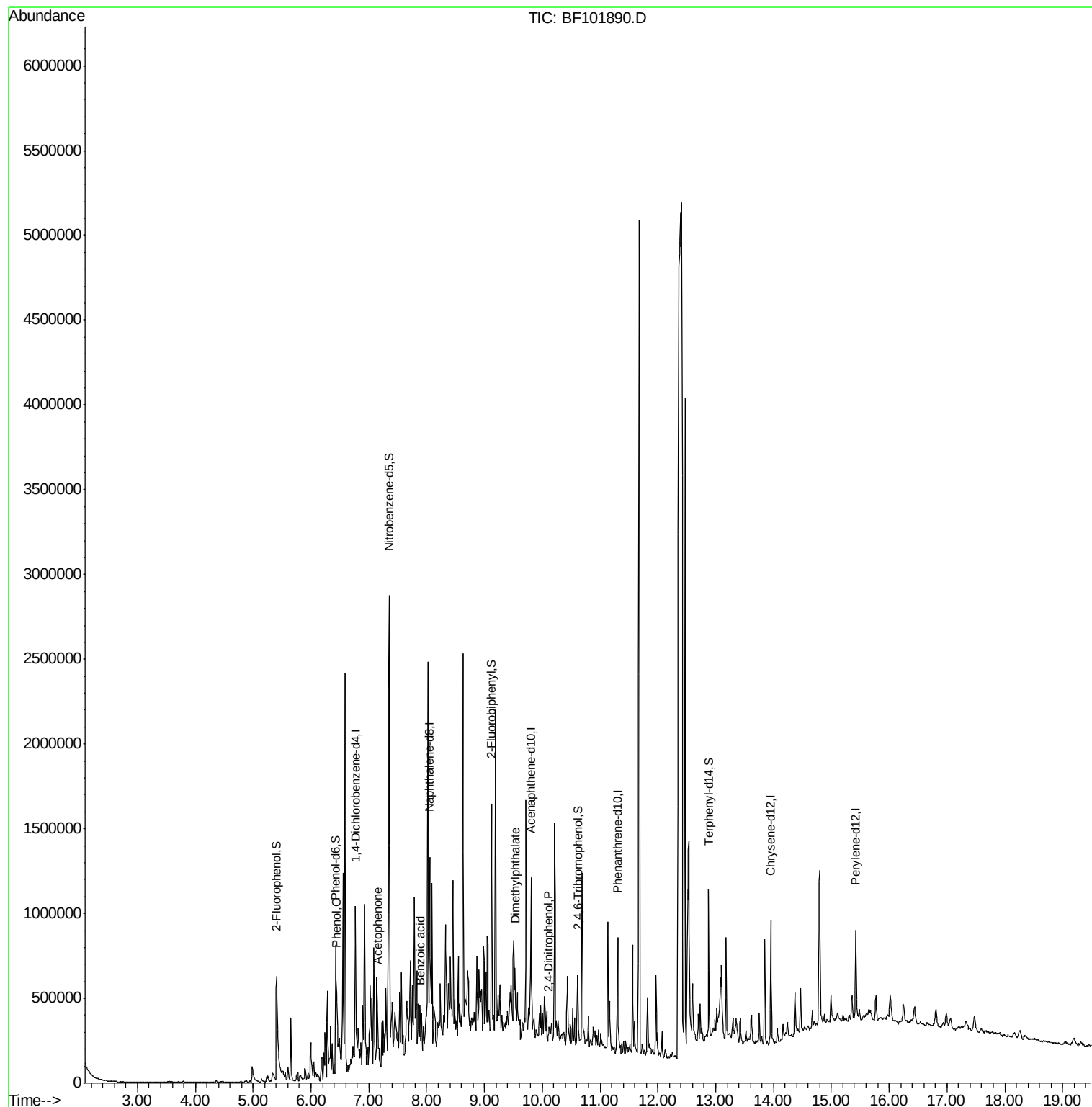
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	133373	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	500200	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	187055	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	269252	20.00	ng	0.00
75) Chrysene-d12	13.96	240	260752	20.00	ng	0.00
86) Perylene-d12	15.42	264	284787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	416465	46.51	ng	0.01
7) Phenol-d6	6.43	99	495218	44.44	ng	0.00
23) Nitrobenzene-d5	7.35	82	272441	30.32	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	52126	28.92	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	415855	34.49	ng	0.00
78) Terphenyl-d14	12.88	244	278506	25.75	ng	0.00
Target Compounds						
10) Phenol	6.45	94	26233	2.065	ng	# 18
22) Acetophenone	7.16	105	78937	6.916	ng	# 60
32) Benzoic acid	7.90	122	269	8.007	ng	# 1
49) Dimethylphthalate	9.53	163	37970	2.524	ng	# 95
53) 2,4-Dinitrophenol	10.10	184	227	10.506	ng	# 9

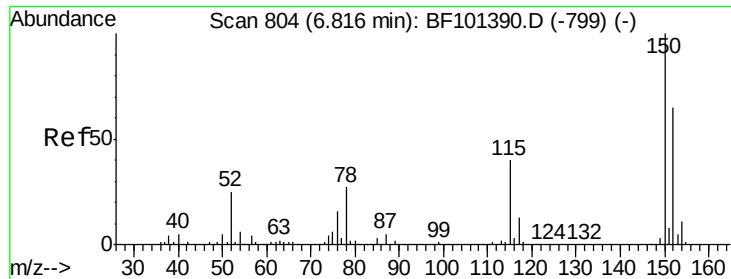
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF010418\
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Quant Time: Jan 04 16:09:19 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 04 14:22:17 2018
Response via : Initial Calibration



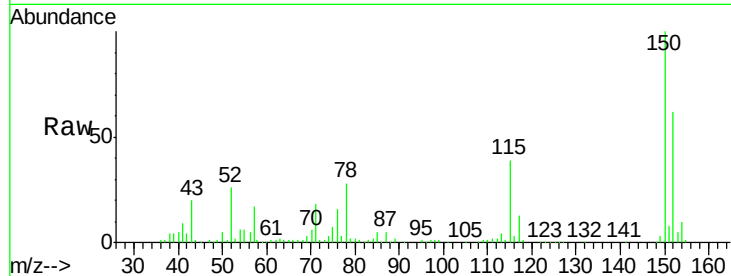


#1

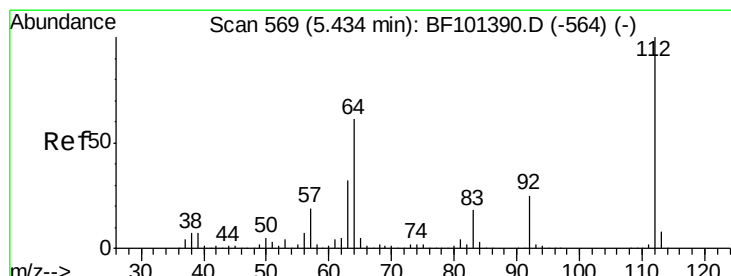
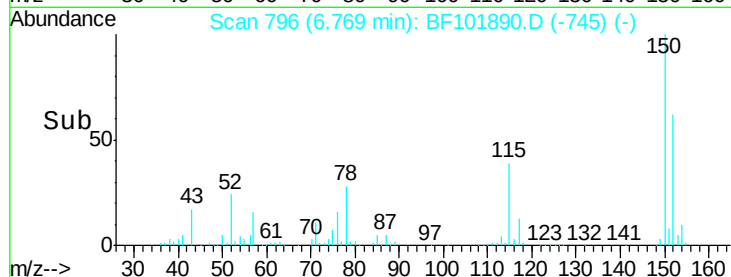
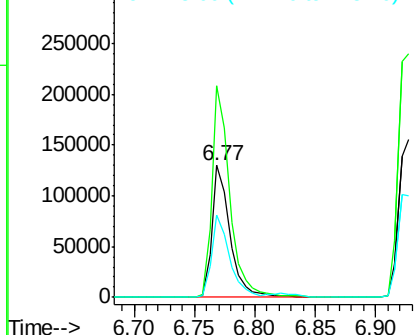
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF101890.D
Acq: 4 Jan 2018 14:59

Instrument :
BNA_F
ClientSampleId :
HR-06-010318-A

Tgt Ion:152 Resp: 133373
Ion Ratio Lower Upper
152 100
150 160.7 124.6 186.8
115 62.1 50.1 75.1



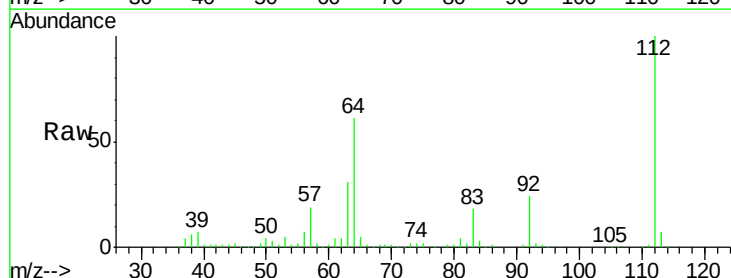
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



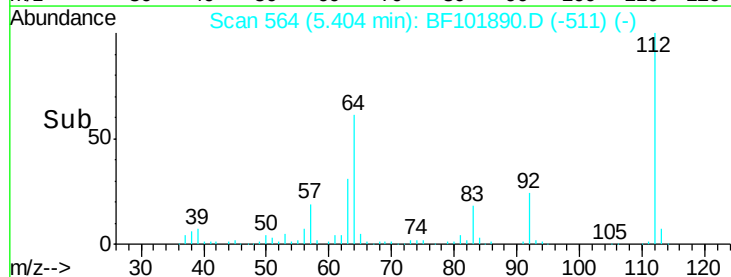
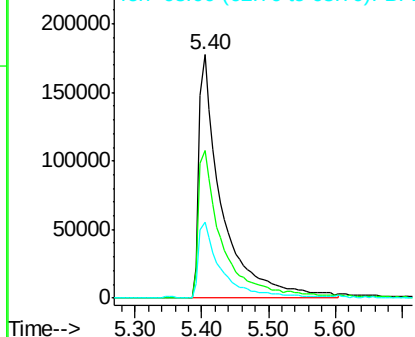
#5

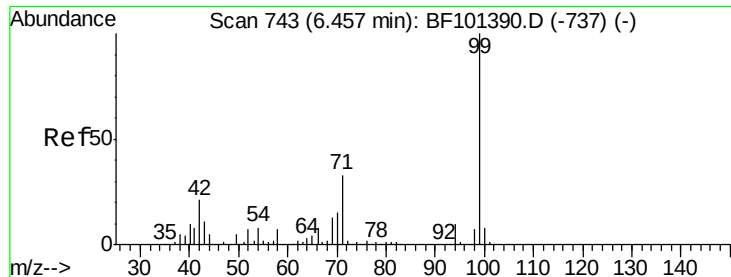
2-Fluorophenol
Concen: 46.513 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF101890.D
Acq: 4 Jan 2018 14:59

Tgt Ion:112 Resp: 416465
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 31.0 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: 44.441 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF101890.D

Acq: 4 Jan 2018 14:59

Instrument :

BNA_F

ClientSampleId :

HR-06-010318-A

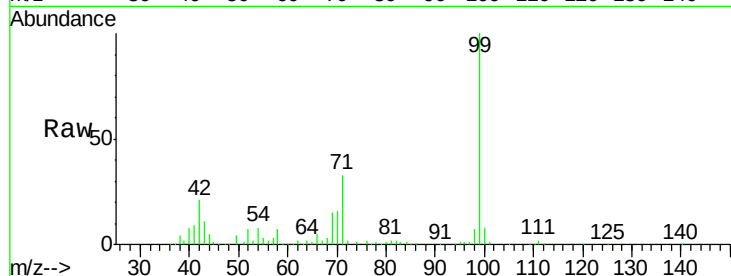
Tgt Ion: 99 Resp: 495218

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

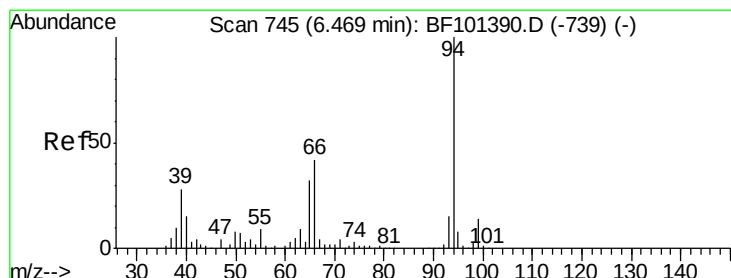
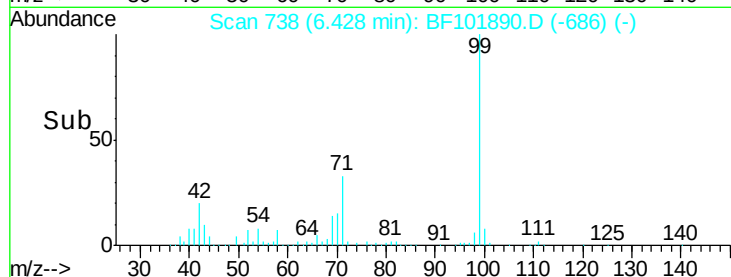
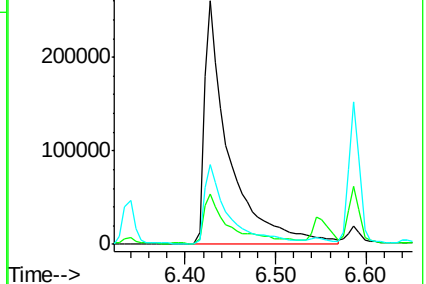
71 32.8 25.4 38.0



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



#10

Phenol

Concen: 2.065 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.02 min

Lab File: BF101890.D

Acq: 4 Jan 2018 14:59

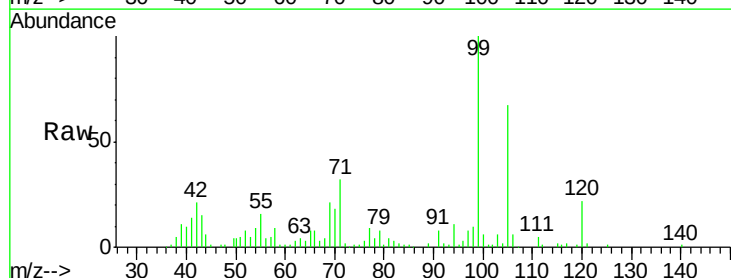
Tgt Ion: 94 Resp: 26233

Ion Ratio Lower Upper

94 100

65 75.4 7.9 47.9#

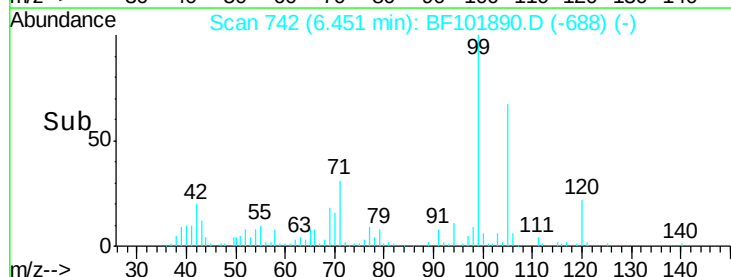
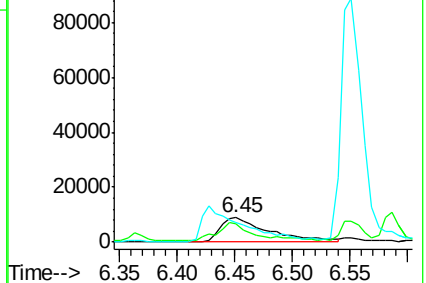
66 80.6 16.2 56.2#

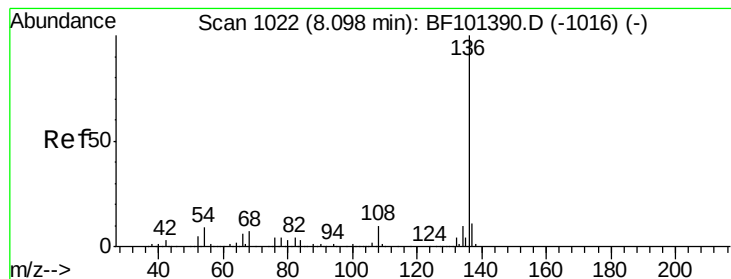


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF101890.D

Acq: 4 Jan 2018 14:59

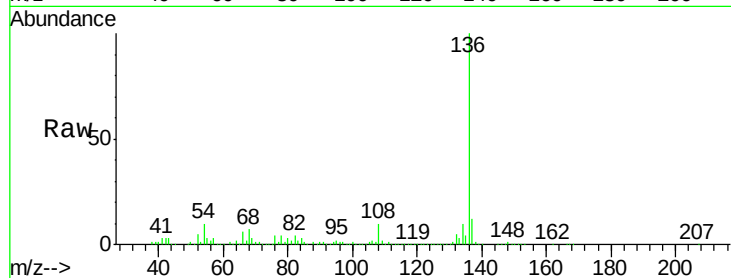
Instrument :

BNA_F

ClientSampleId :

HR-06-010318-A

Tgt Ion:	136	Resp:	500200
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	9.8	6.6	9.8
68	7.5	5.0	7.4#

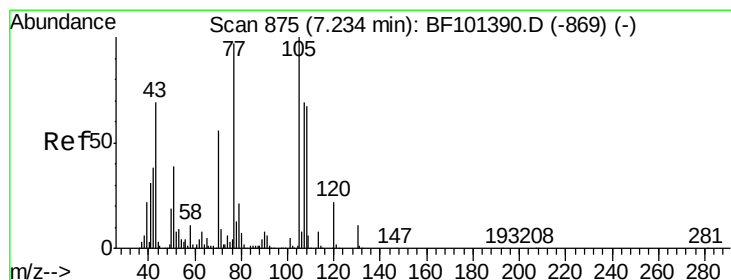
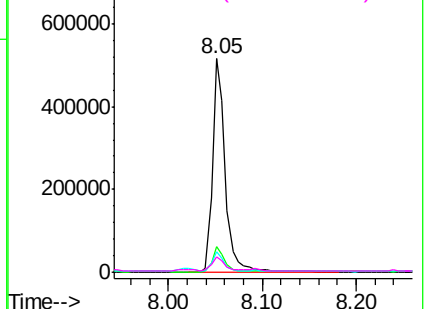
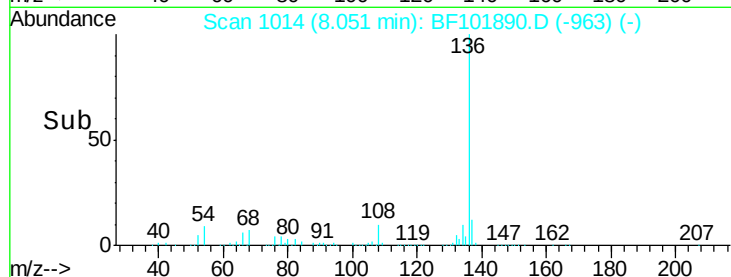


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 6.916 ng

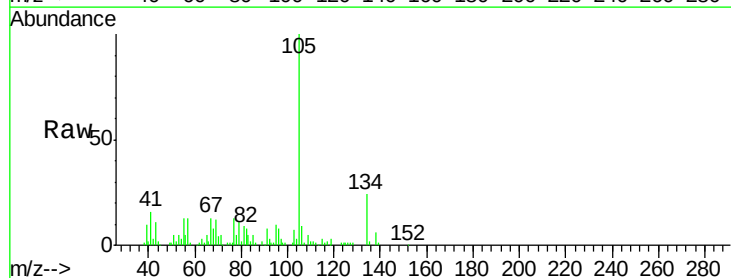
RT: 7.16 min Scan# 862

Delta R.T. -0.04 min

Lab File: BF101890.D

Acq: 4 Jan 2018 14:59

Tgt Ion:	105	Resp:	78937
Ion	Ratio	Lower	Upper
105	100		
71	5.4	4.4	6.6
51	5.2	22.3	33.5#
120	0.0	16.9	25.3#

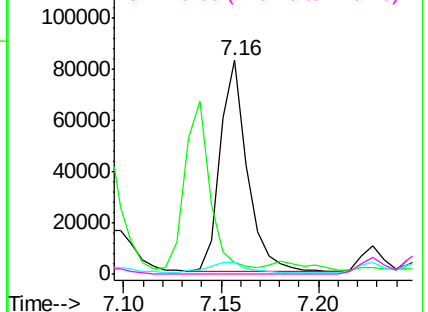
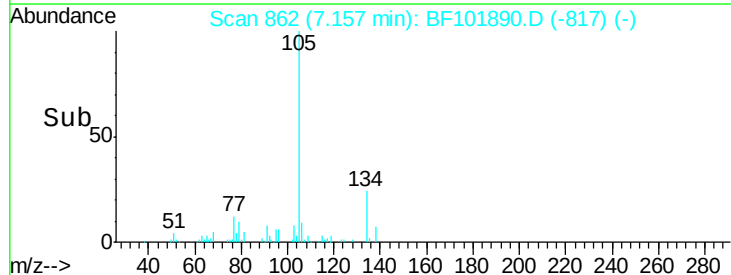


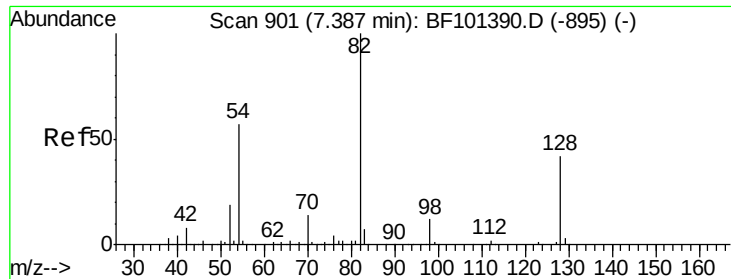
Abundance Ion 105.00 (104.70 to 105.70): E

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

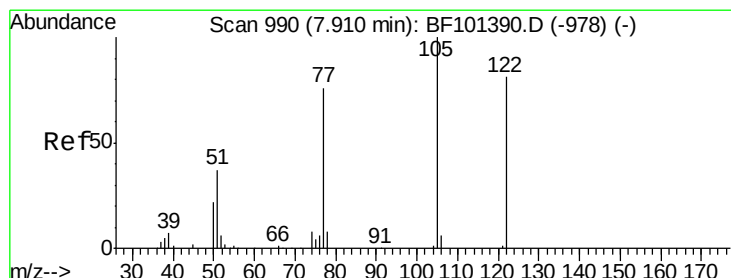
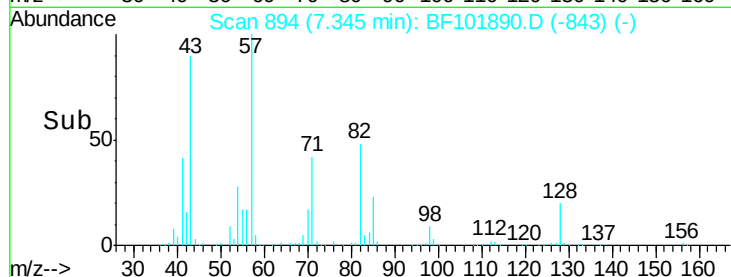
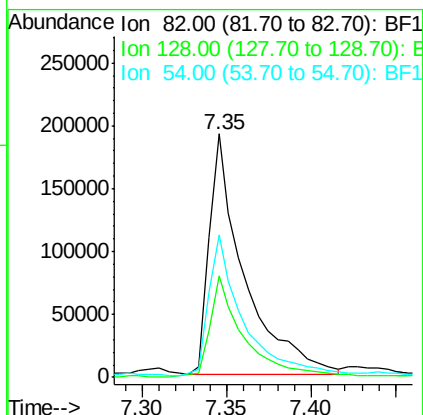
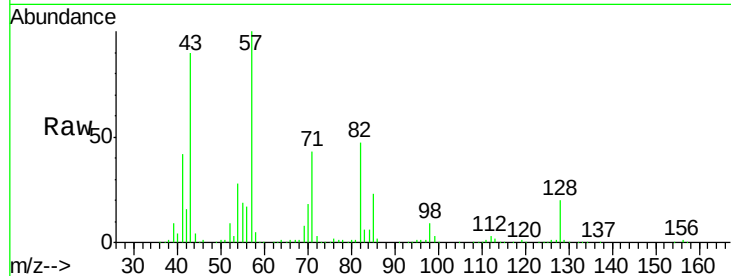




#23
 Nitrobenzene-d5
 Concen: 30.319 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: BF101890.D
 Acq: 4 Jan 2018 14:59

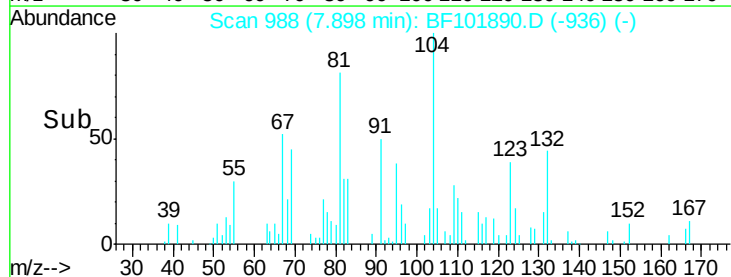
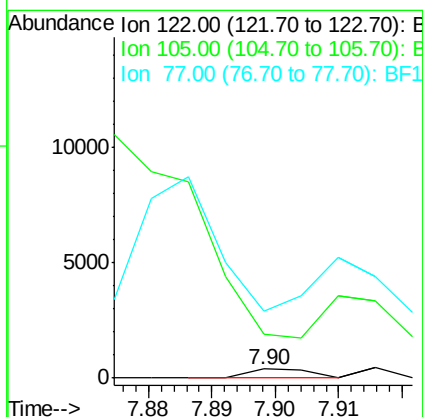
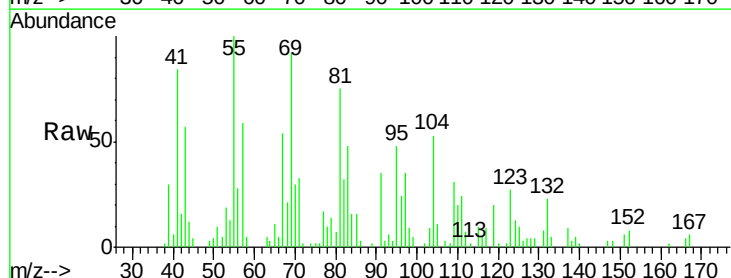
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-010318-A

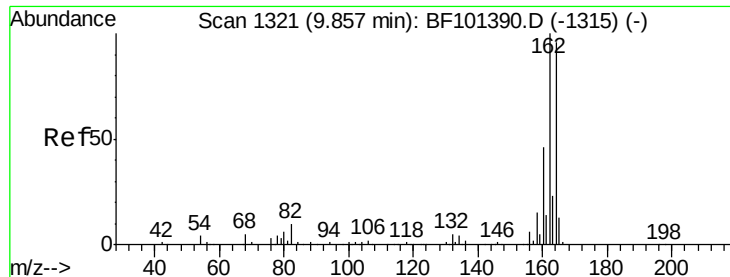
Tgt Ion: 82 Resp: 272441
 Ion Ratio Lower Upper
 82 100
 128 41.5 36.1 54.1
 54 58.4 41.4 62.2



#32
 Benzoic acid
 Concen: 8.007 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: BF101890.D
 Acq: 4 Jan 2018 14:59

Tgt Ion: 122 Resp: 269
 Ion Ratio Lower Upper
 122 100
 105 481.2 101.1 141.1#
 77 741.9 70.7 110.7#

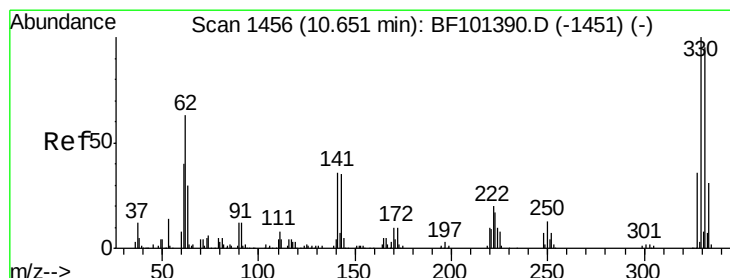
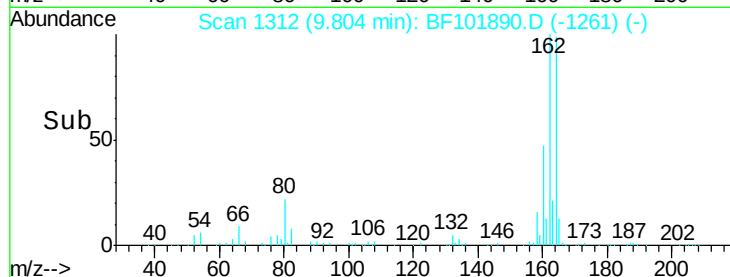
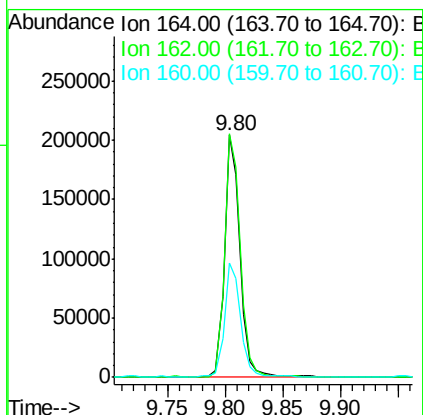
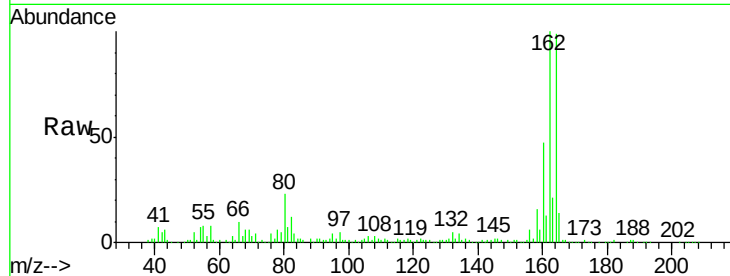




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF101890.D
 Acq: 4 Jan 2018 14:59

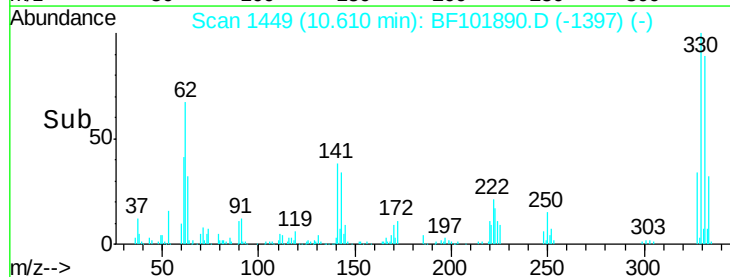
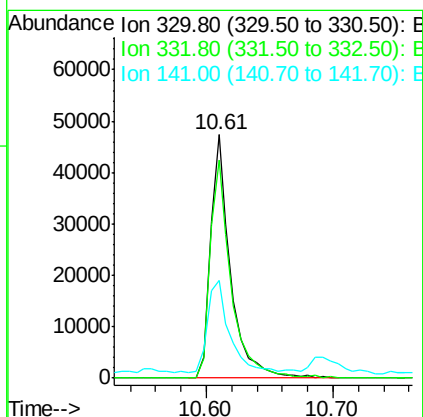
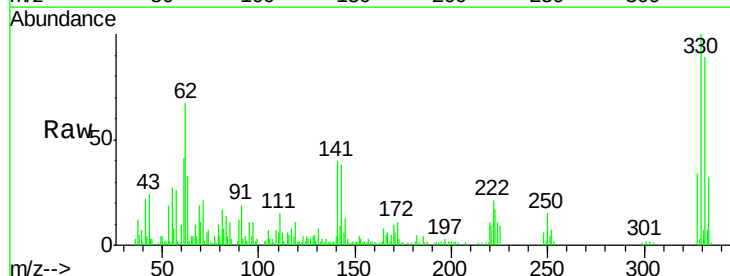
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-010318-A

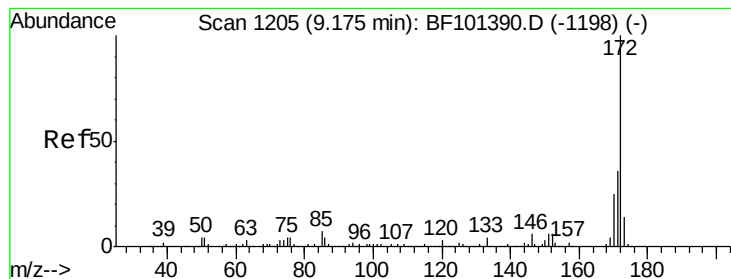
Tgt Ion:164 Resp: 187055
 Ion Ratio Lower Upper
 164 100
 162 100.6 86.1 129.1
 160 47.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 28.920 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.01 min
 Lab File: BF101890.D
 Acq: 4 Jan 2018 14:59

Tgt Ion:330 Resp: 52126
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.0 115.6
 141 42.1 29.9 44.9





#44

2-Fluorobiphenyl

Concen: 34.487 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF101890.D

Acq: 4 Jan 2018 14:59

Instrument :

BNA_F

ClientSampleId :

HR-06-010318-A

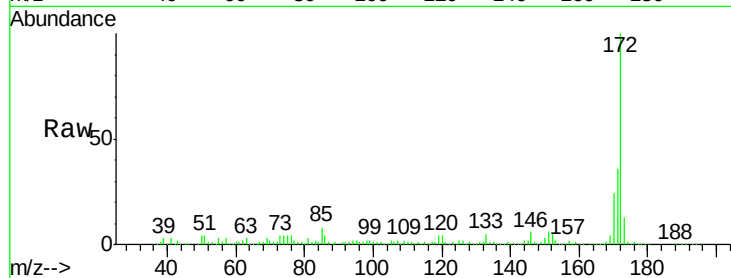
Tgt Ion:172 Resp: 415855

Ion Ratio Lower Upper

172 100

171 35.7 29.7 44.5

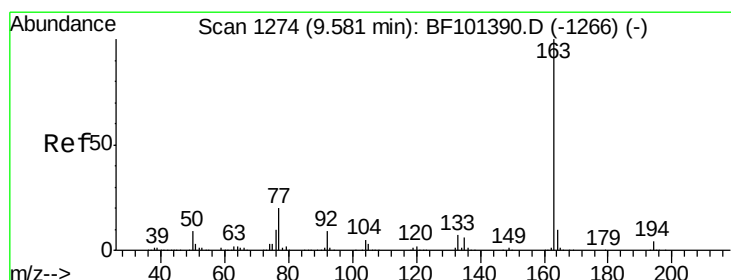
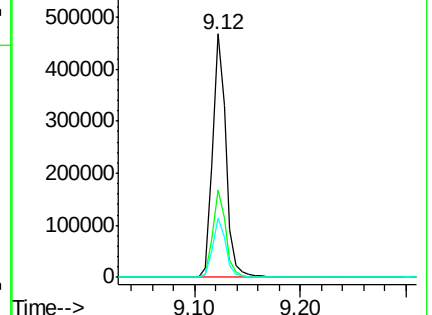
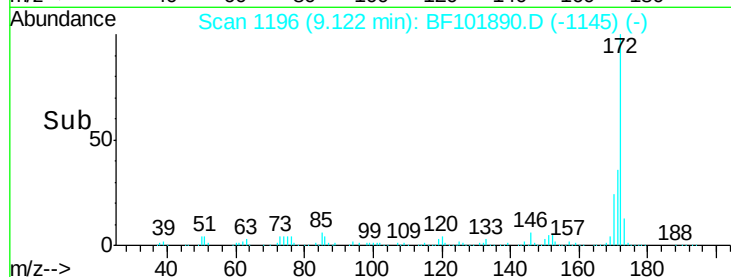
170 24.3 19.6 29.4



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: 2.524 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BF101890.D

Acq: 4 Jan 2018 14:59

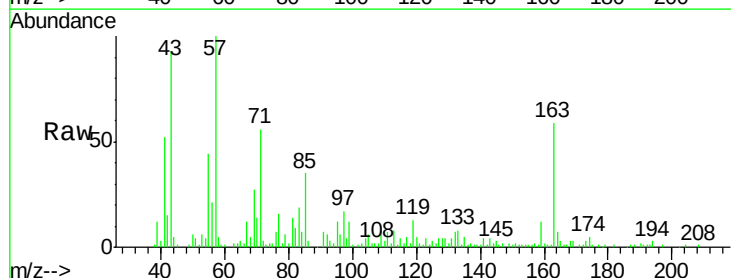
Tgt Ion:163 Resp: 37970

Ion Ratio Lower Upper

163 100

194 5.1 2.7 4.1#

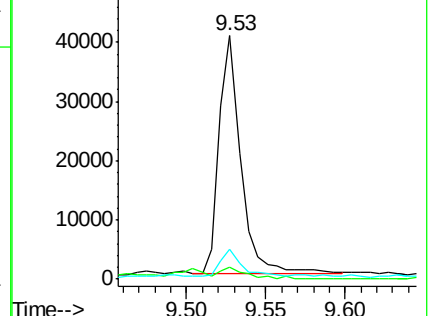
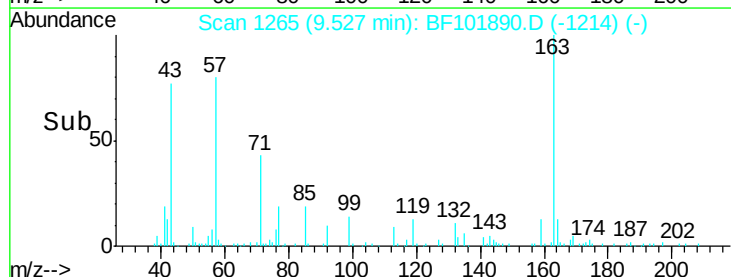
164 12.2 8.2 12.2

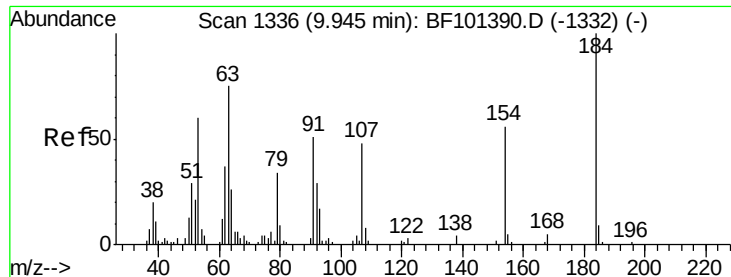


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

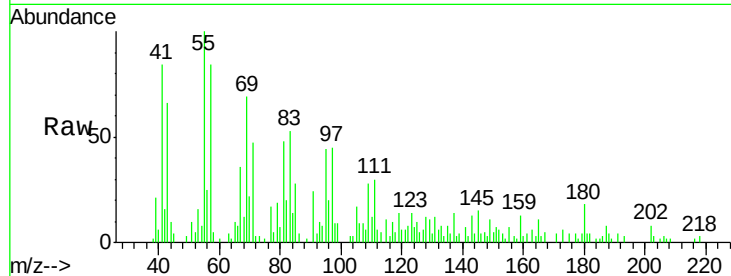




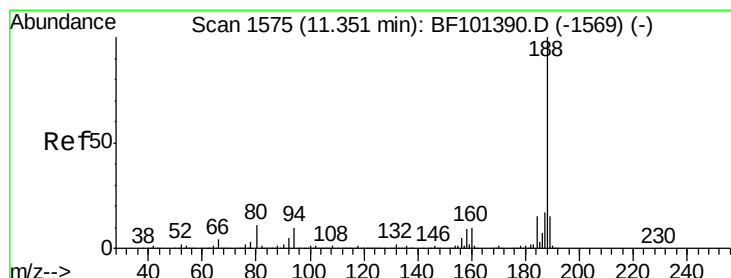
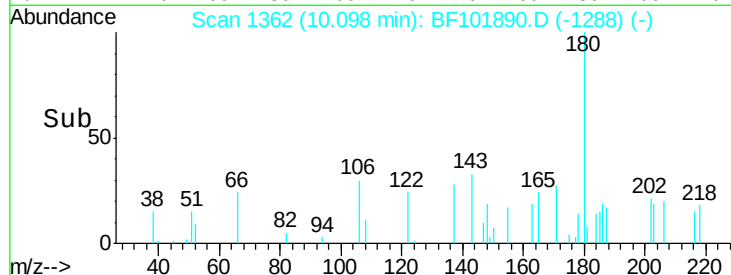
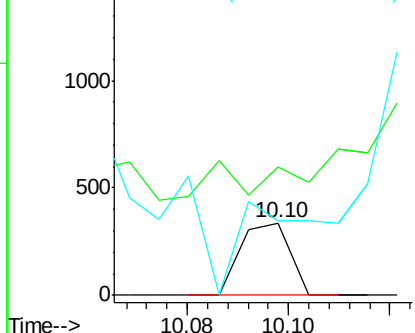
#53
 2,4-Dinitrophenol
 Concen: 10.506 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.14 min
 Lab File: BF101890.D
 Acq: 4 Jan 2018 14:59

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-010318-A

Tgt Ion:184 Resp: 227
 Ion Ratio Lower Upper
 184 100
 63 178.3 54.2 81.2#
 154 103.0 184.0 276.0#

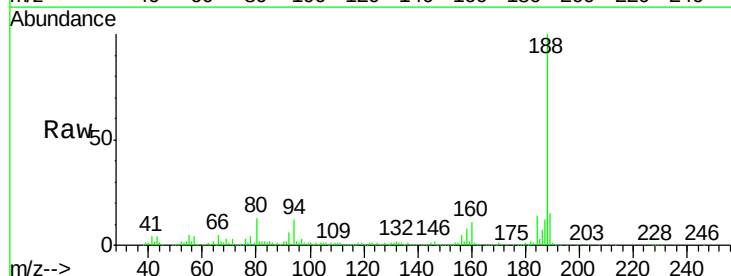


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

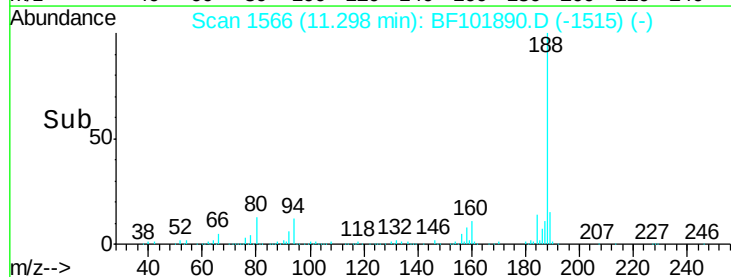
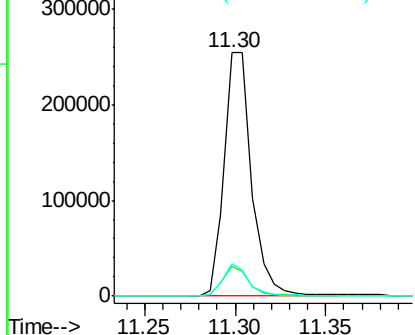


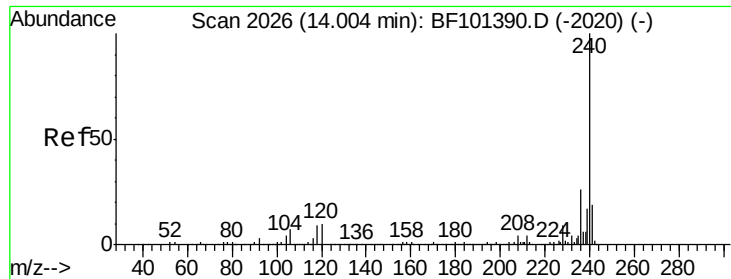
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF101890.D
 Acq: 4 Jan 2018 14:59

Tgt Ion:188 Resp: 269252
 Ion Ratio Lower Upper
 188 100
 94 12.1 8.5 12.7
 80 13.3 9.2 13.8



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF101890.D

Acq: 4 Jan 2018 14:59

Instrument :

BNA_F

ClientSampleId :

HR-06-010318-A

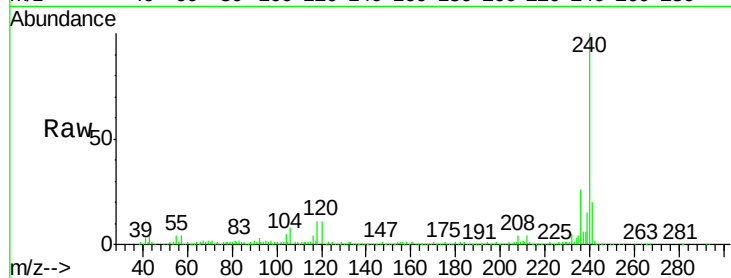
Tgt Ion:240 Resp: 260752

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

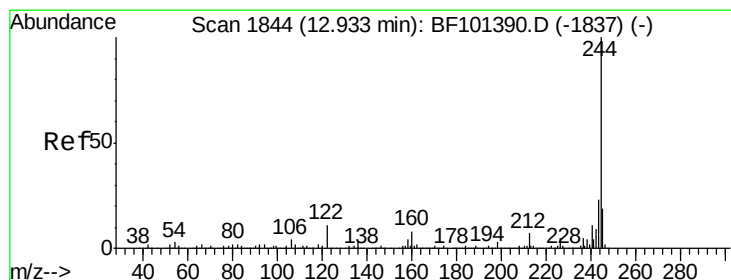
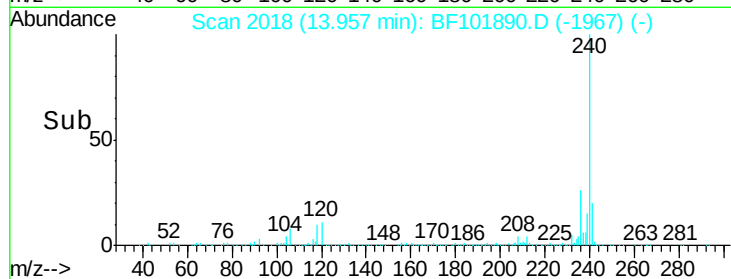
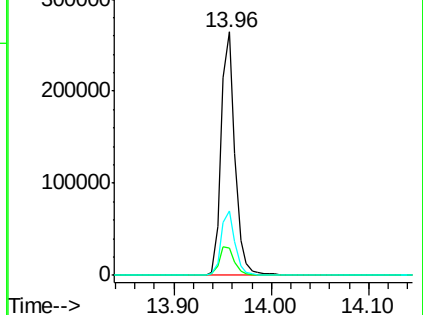
236 26.2 20.7 31.1



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: 25.749 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF101890.D

Acq: 4 Jan 2018 14:59

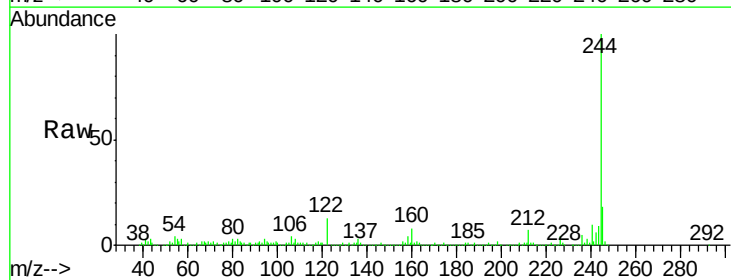
Tgt Ion:244 Resp: 278506

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

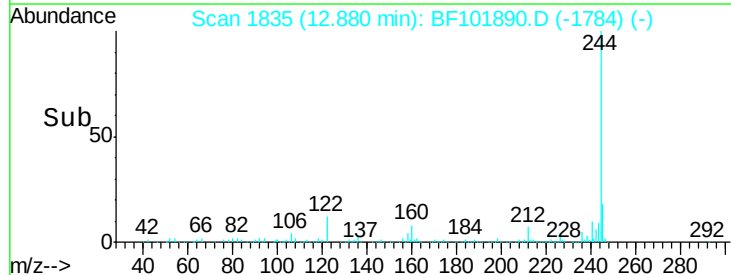
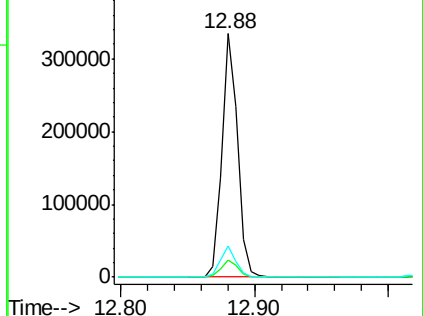
122 12.7 11.0 16.4

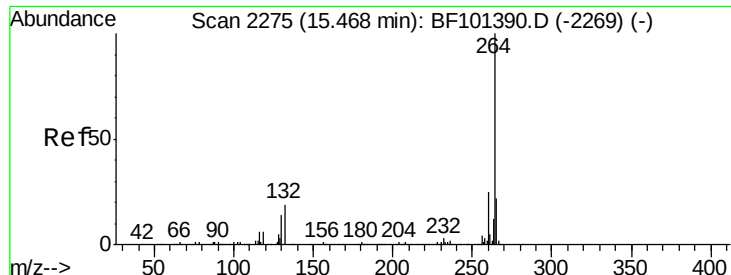


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF101890.D
Acq: 4 Jan 2018 14:59

Instrument :
BNA_F
ClientSampleId :
HR-06-010318-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.2	28.8
265	22.5	17.5	26.3

