

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
 Data File : BF092050.D
 Acq On : 30 Dec 2016 17:27
 Operator : UM/SJ
 Sample : H6318-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: Dec 30 21:58:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	224294	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	1037504	20.00	ng	-0.03
38) Acenaphthene-d10	9.72	164	532559	20.00	ng	-0.03
63) Phenanthrene-d10	11.21	188	798565	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	488143	20.00	ng	-0.05
86) Perylene-d12	15.21	264	525634	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	839415	62.49	ng	-0.03
7) Phenol-d6	6.34	99	627499	38.26	ng	-0.05
23) Nitrobenzene-d5	7.25	82	1601614	85.84	ng	-0.03
41) 2,4,6-Tribromophenol	10.52	330	548684	124.49	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	2533627	99.71	ng	-0.03
78) Terphenyl-d14	12.79	244	1791115	88.99	ng	-0.03

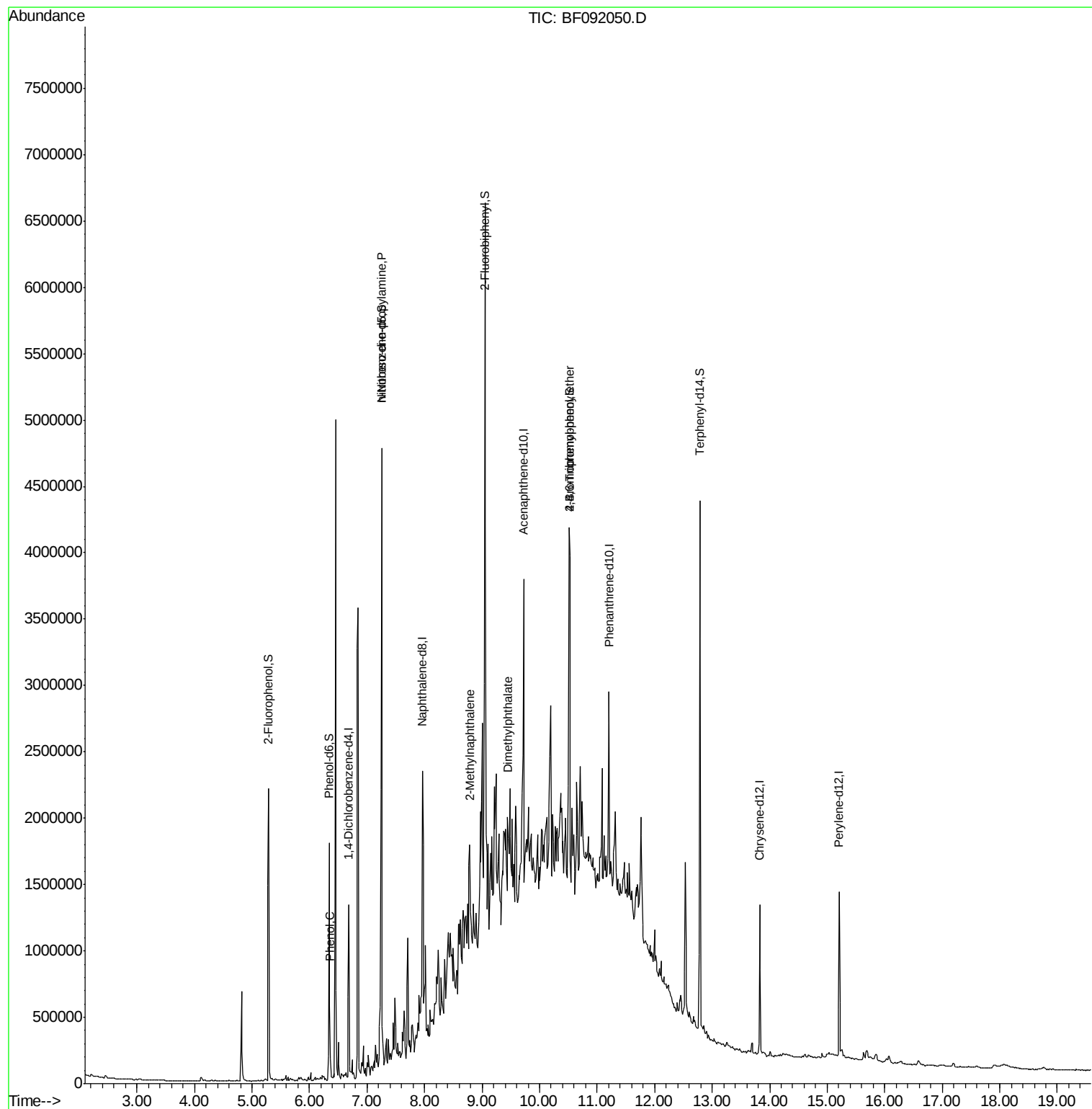
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.35	94	40394	2.16	ng	88
19) n-Nitroso-di-n-propylamine	7.25	70	229686	21.05	ng	# 76
37) 2-Methylnaphthalene	8.78	142	194878	4.82	ng	95
49) Dimethylphthalate	9.45	163	128962	3.79	ng	# 95
66) 4-Bromophenyl-phenylether	10.52	248	34777	4.19	ng	# 1
71) Anthracene	11.27	178	2061	Below Cal		# 1
73) Di-n-butylphthalate	11.77	149	91574	Below Cal		# 95
74) Fluoranthene	12.40	202	3788	Below Cal		# 1
76) Benzidine	12.47	184	1493	Below Cal		# 1

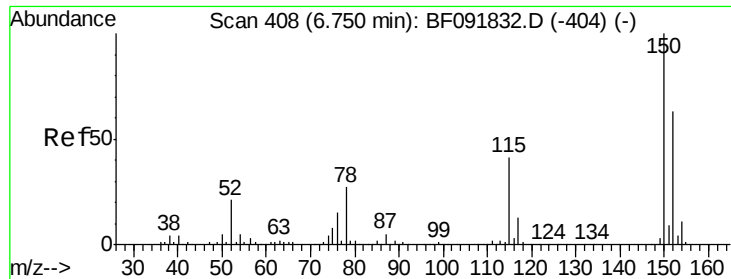
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
Data File : BF092050.D
Acq On : 30 Dec 2016 17:27
Operator : UM/SJ
Sample : H6318-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

Quant Time: Dec 30 21:58:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration



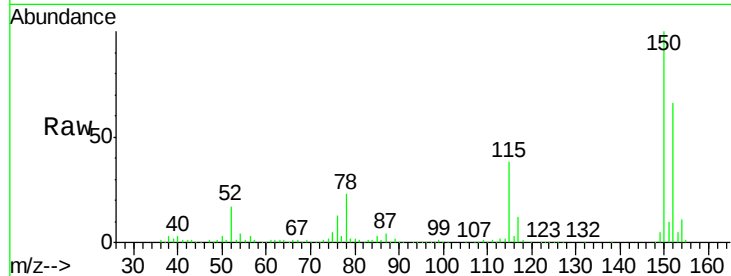


#1

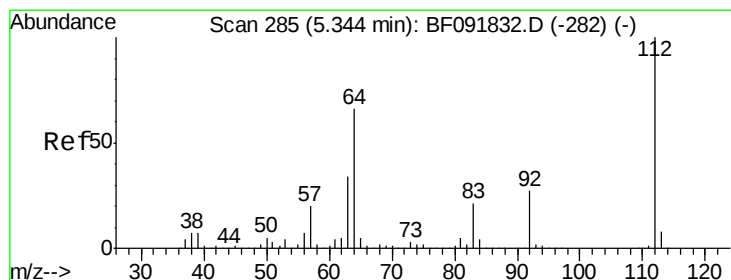
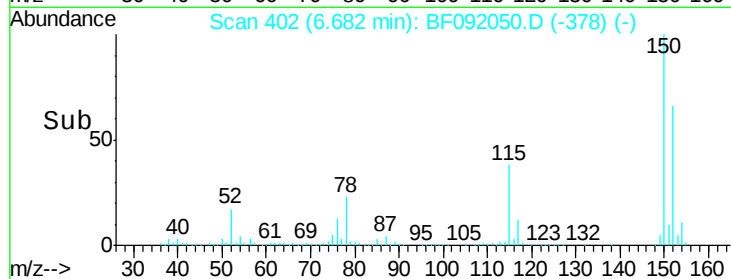
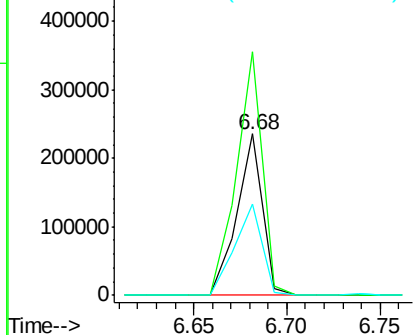
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF092050.D
Acq: 30 Dec 2016 17:27

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:152 Resp: 224294
Ion Ratio Lower Upper
152 100
150 151.1 124.9 187.3
115 56.9 46.0 69.0



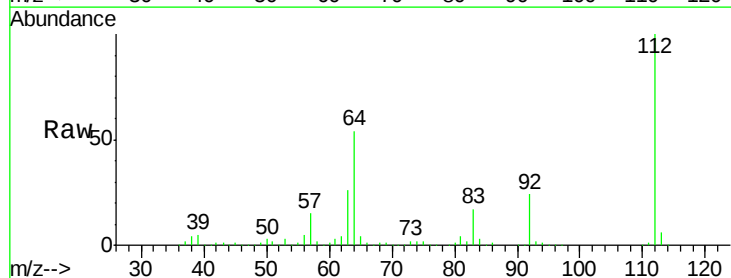
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



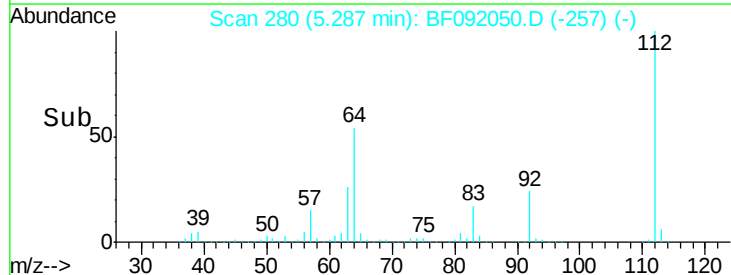
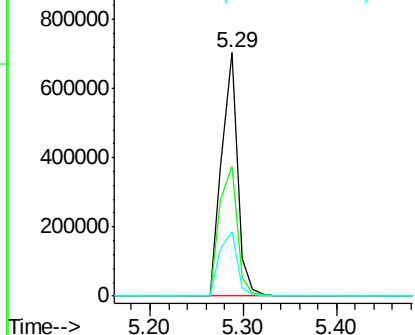
#5

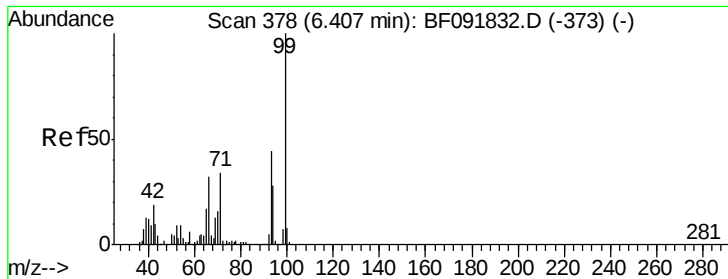
2-Fluorophenol
Concen: 62.49 ng
RT: 5.29 min Scan# 280
Delta R.T. -0.03 min
Lab File: BF092050.D
Acq: 30 Dec 2016 17:27

Tgt Ion:112 Resp: 839415
Ion Ratio Lower Upper
112 100
64 53.5 46.1 69.1
63 26.4 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.26 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.05 min

Lab File: BF092050.D

Acq: 30 Dec 2016 17:27

Instrument :

BNA_F

ClientSampleId :

MW-16

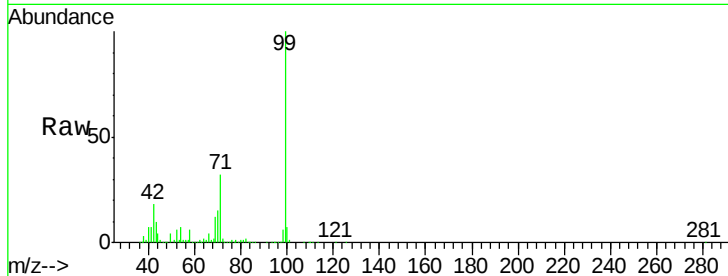
Tgt Ion: 99 Resp: 627499

Ion Ratio Lower Upper

99 100

42 17.9 15.6 23.4

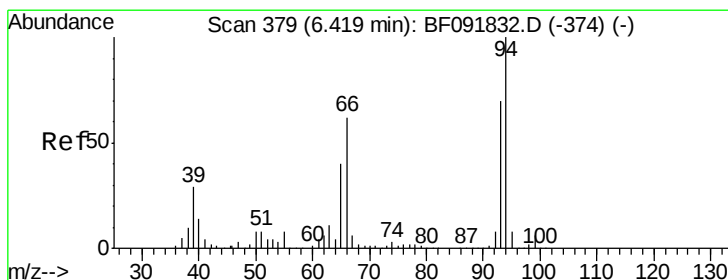
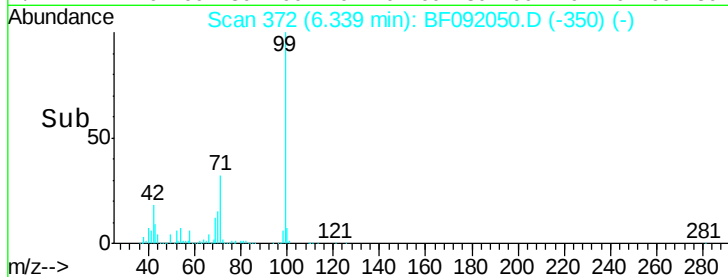
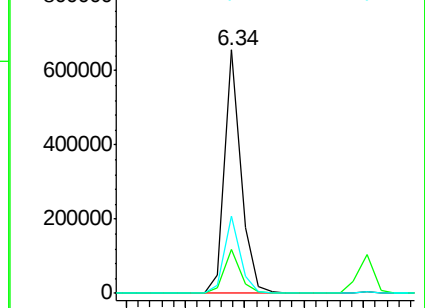
71 31.9 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.16 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.05 min

Lab File: BF092050.D

Acq: 30 Dec 2016 17:27

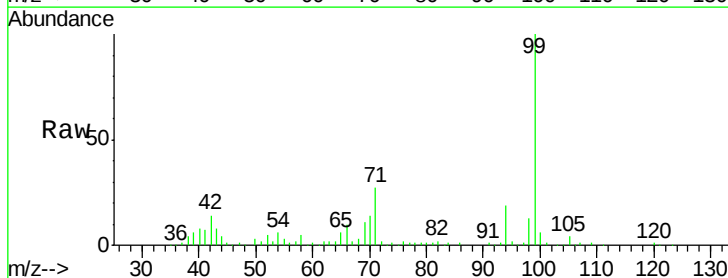
Tgt Ion: 94 Resp: 40394

Ion Ratio Lower Upper

94 100

65 33.4 21.4 61.4

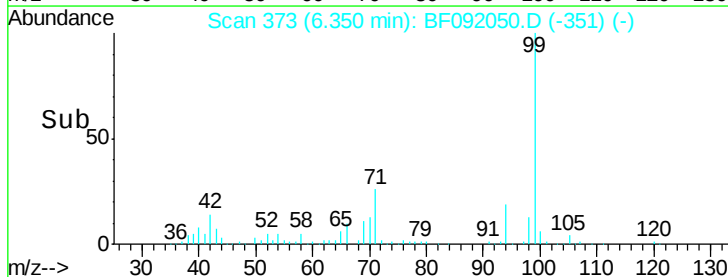
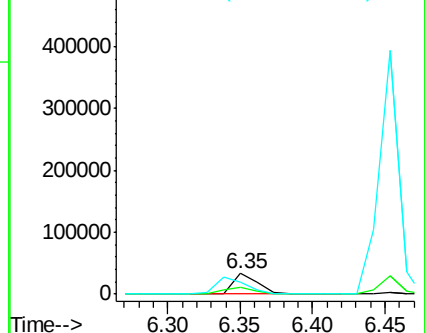
66 55.6 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

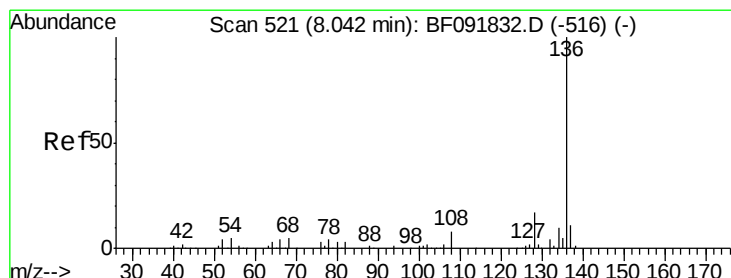
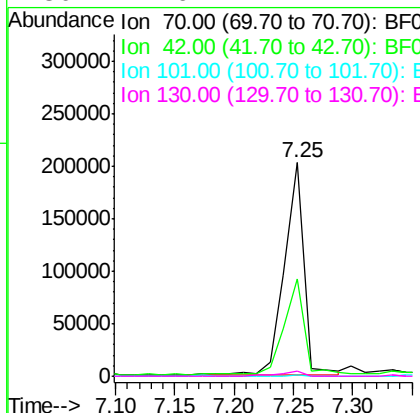
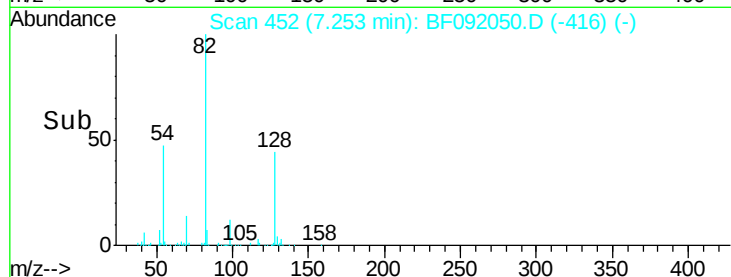
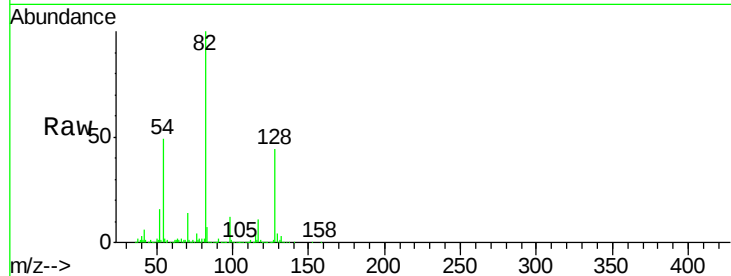




#19
n-Nitroso-di-n-propylamine
Concen: 21.05 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.11 min
Lab File: BF092050.D
Acq: 30 Dec 2016 17:27

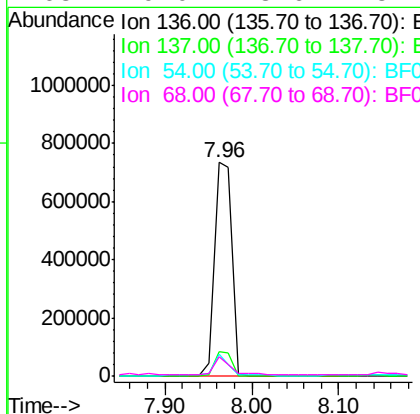
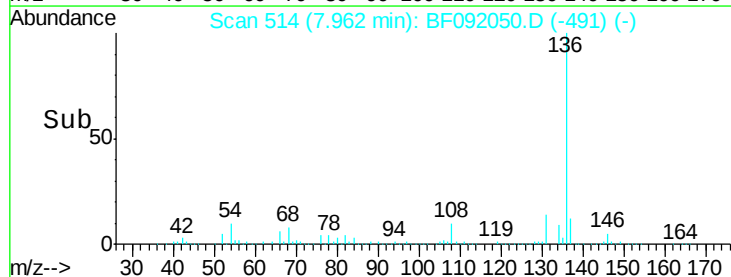
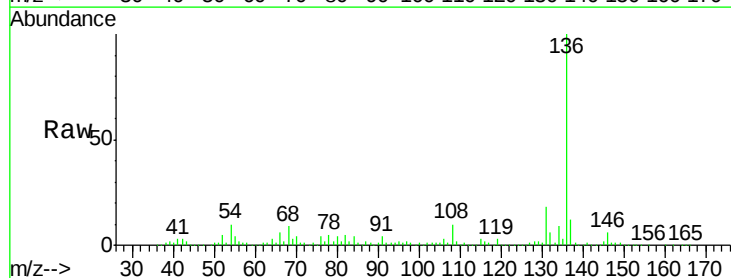
Instrument :
BNA_F
ClientSampleId :
MW-16

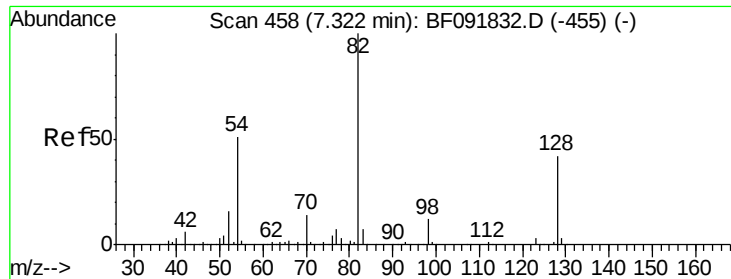
Tgt Ion: 70 Resp: 229686
Ion Ratio Lower Upper
70 100
42 45.5 49.4 74.0#
101 0.5 7.4 11.2#
130 2.6 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF092050.D
Acq: 30 Dec 2016 17:27

Tgt Ion: 136 Resp: 1037504
Ion Ratio Lower Upper
136 100
137 11.6 8.4 12.6
54 10.3 4.5 6.7#
68 9.0 3.6 5.4#

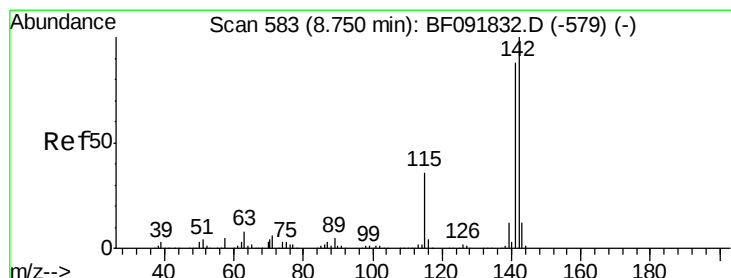
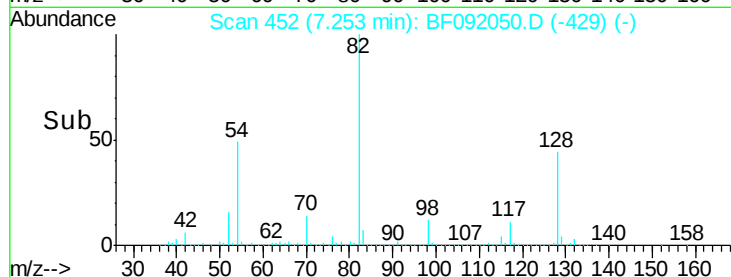
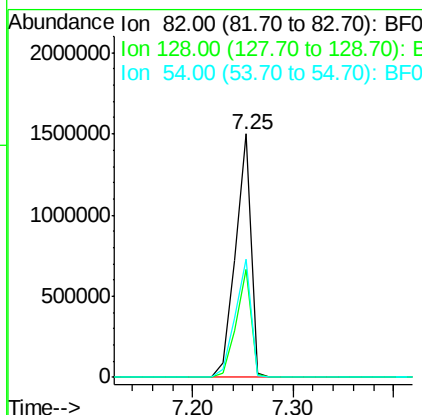
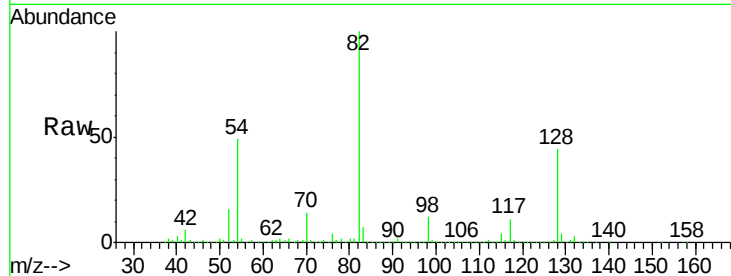




#23
 Nitrobenzene-d5
 Concen: 85.84 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.03 min
 Lab File: BF092050.D
 Acq: 30 Dec 2016 17:27

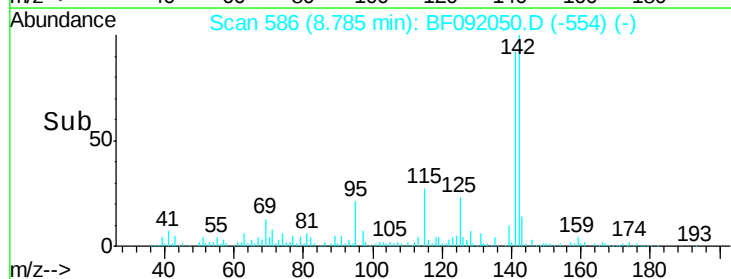
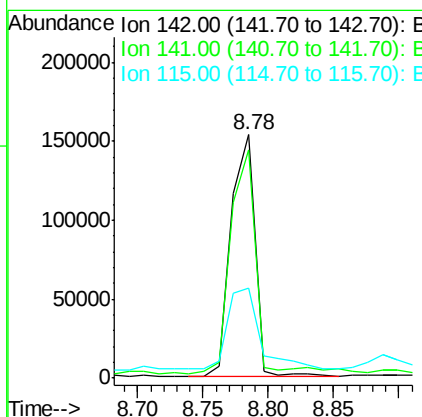
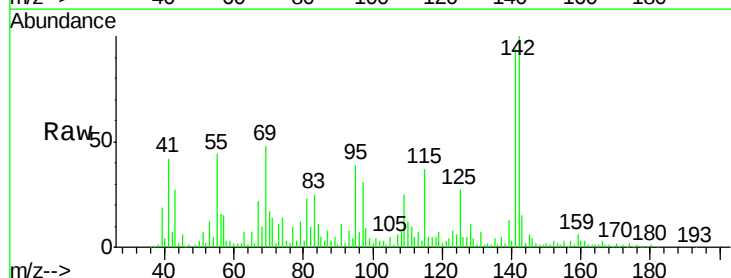
Instrument :
 BNA_F
 ClientSampleId :
 MW-16

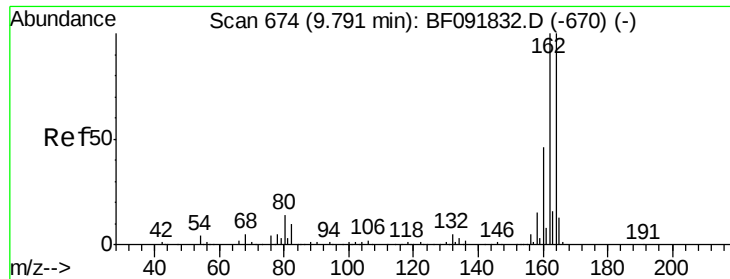
Tgt Ion: 82 Resp: 1601614
 Ion Ratio Lower Upper
 82 100
 128 44.3 34.6 52.0
 54 48.7 39.5 59.3



#37
 2-Methylnaphthalene
 Concen: 4.82 ng
 RT: 8.78 min Scan# 586
 Delta R.T. 0.07 min
 Lab File: BF092050.D
 Acq: 30 Dec 2016 17:27

Tgt Ion: 142 Resp: 194878
 Ion Ratio Lower Upper
 142 100
 141 93.9 71.0 106.6
 115 36.7 28.3 42.5

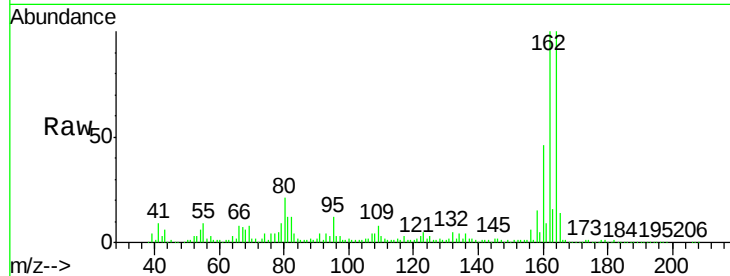




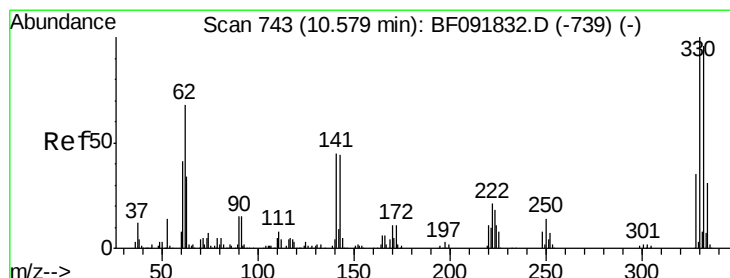
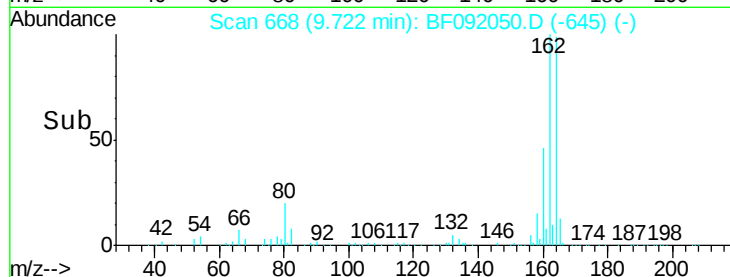
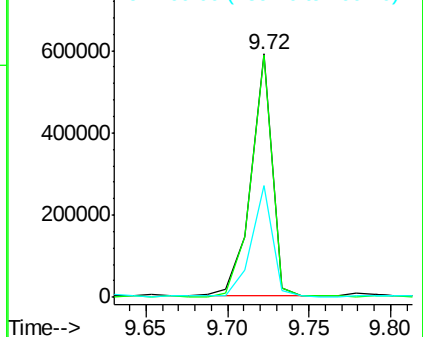
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF092050.D
Acq: 30 Dec 2016 17:27

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:164 Resp: 532559
Ion Ratio Lower Upper
164 100
162 99.7 80.2 120.2
160 45.8 36.9 55.3

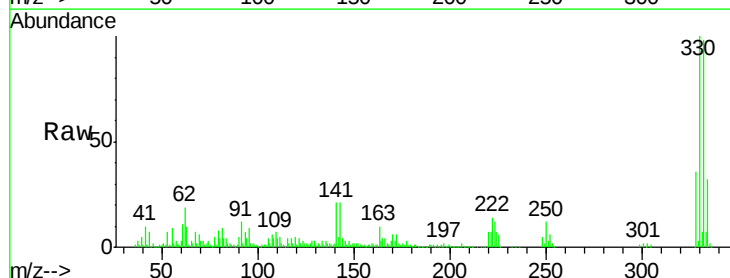


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

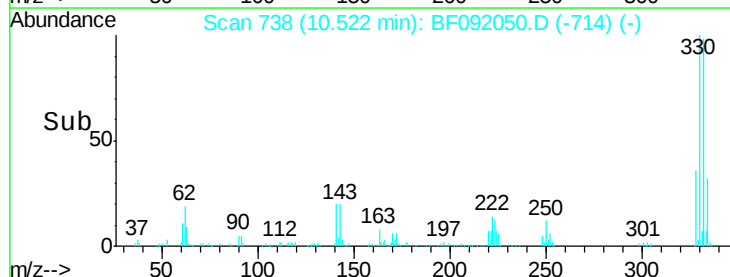
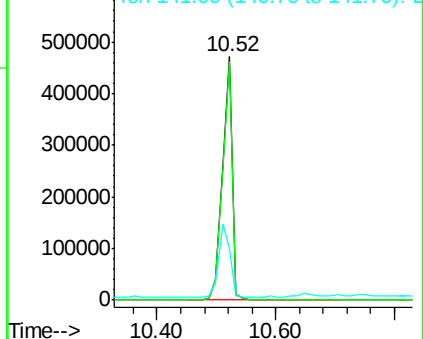


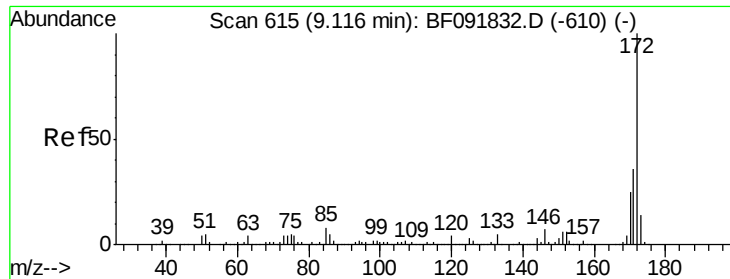
#41
2,4,6-Tribromophenol
Concen: 124.49 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF092050.D
Acq: 30 Dec 2016 17:27

Tgt Ion:330 Resp: 548684
Ion Ratio Lower Upper
330 100
332 97.7 77.4 116.2
141 33.6 34.1 51.1#



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: 99.71 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.03 min

Lab File: BF092050.D

Acq: 30 Dec 2016 17:27

Instrument :

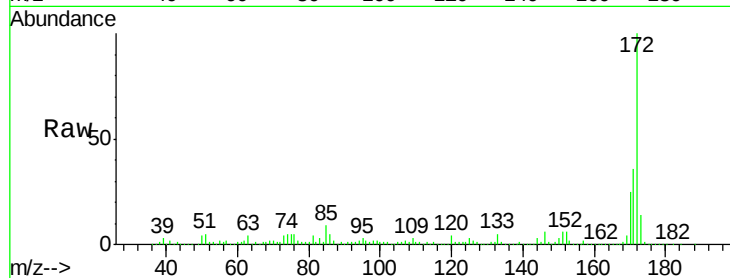
BNA_F

ClientSampleId :

MW-16

Tgt Ion:172 Resp: 2533627

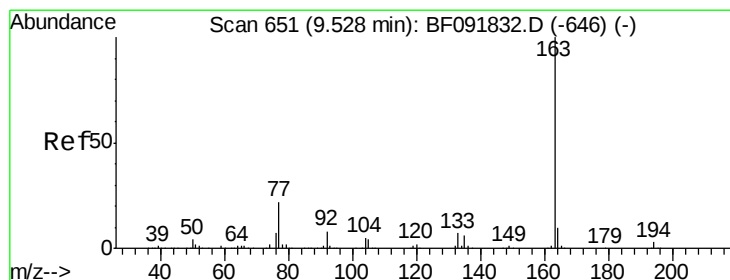
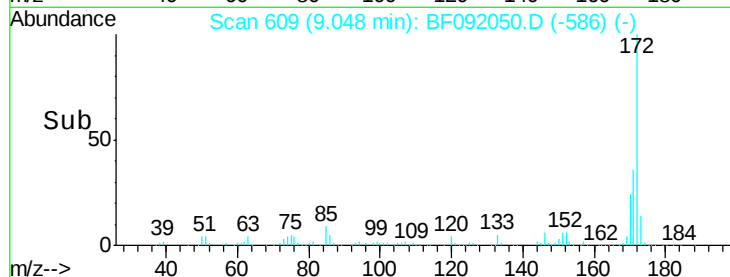
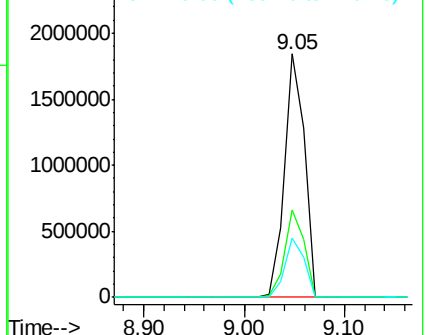
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.6	20.2	30.4



Abundance Ion 172.00 (171.70 to 172.70): E

2500000 Ion 171.00 (170.70 to 171.70): E

2000000 Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 3.79 ng

RT: 9.45 min Scan# 644

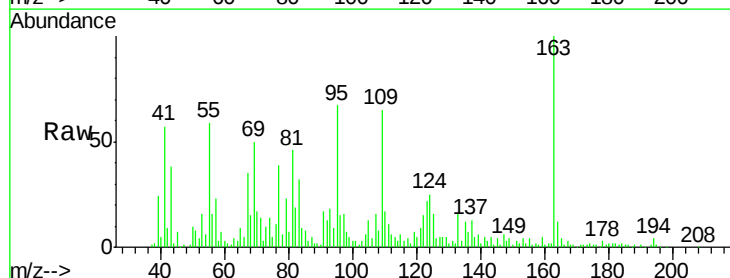
Delta R.T. -0.05 min

Lab File: BF092050.D

Acq: 30 Dec 2016 17:27

Tgt Ion:163 Resp: 128962

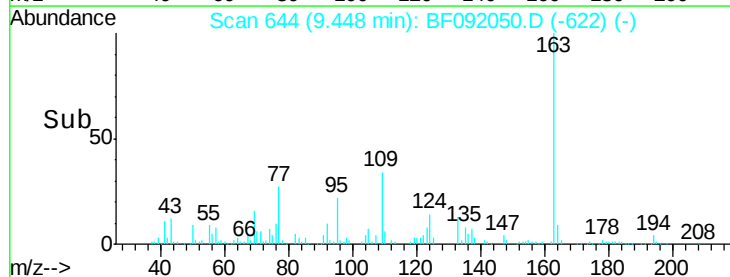
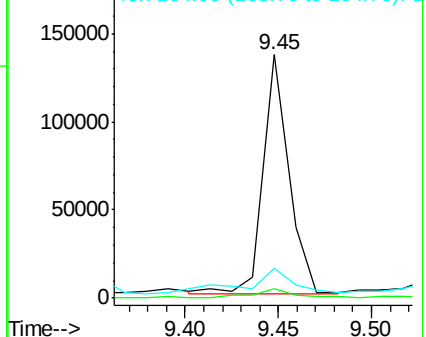
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	12.5	8.0	12.0#

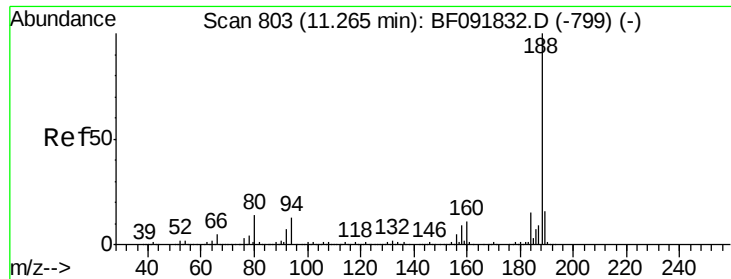


Abundance Ion 163.00 (162.70 to 163.70): E

150000 Ion 194.00 (193.70 to 194.70): E

100000 Ion 164.00 (163.70 to 164.70): E

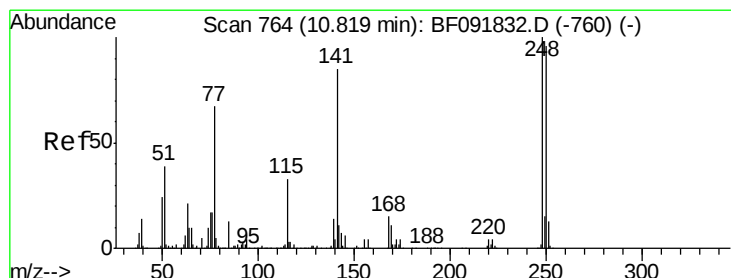
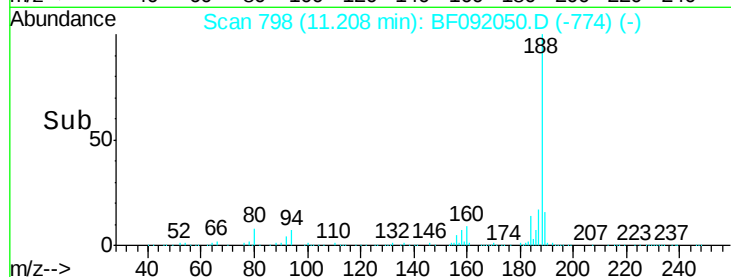
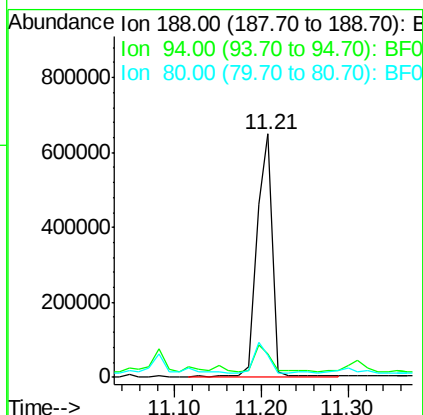
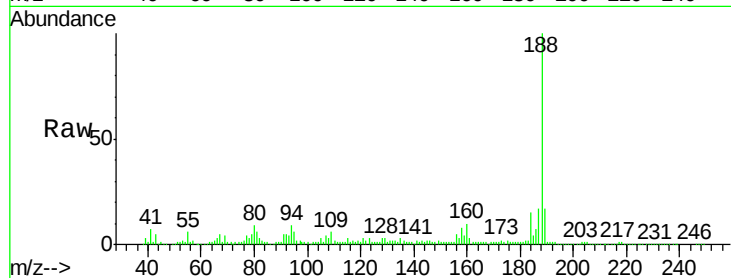




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF092050.D
Acq: 30 Dec 2016 17:27

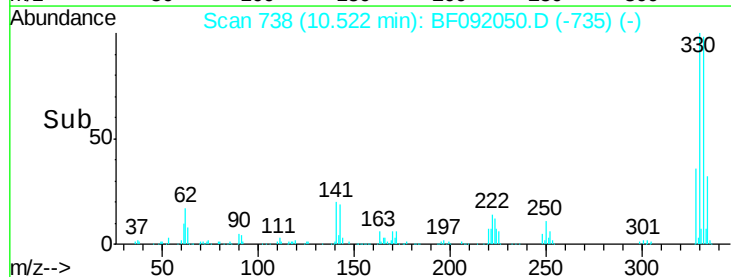
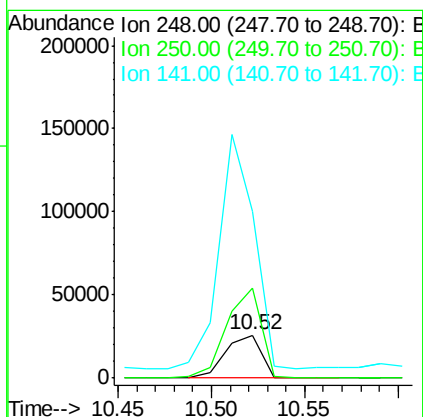
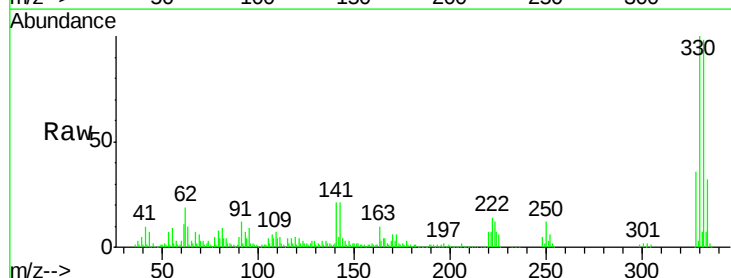
Instrument :
BNA_F
ClientSampled :
MW-16

Tgt Ion:188 Resp: 798565
Ion Ratio Lower Upper
188 100
94 9.4 10.0 15.0#
80 9.3 11.2 16.8#



#66
4-Bromophenyl-phenylether
Concen: 4.19 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.26 min
Lab File: BF092050.D
Acq: 30 Dec 2016 17:27

Tgt Ion:248 Resp: 34777
Ion Ratio Lower Upper
248 100
250 210.8 76.9 115.3#
141 390.9 68.2 102.4#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.77 min Scan# 847

Delta R.T. -0.03 min

Lab File: BF092050.D

Acq: 30 Dec 2016 17:27

Instrument :

BNA_F

ClientSampleId :

MW-16

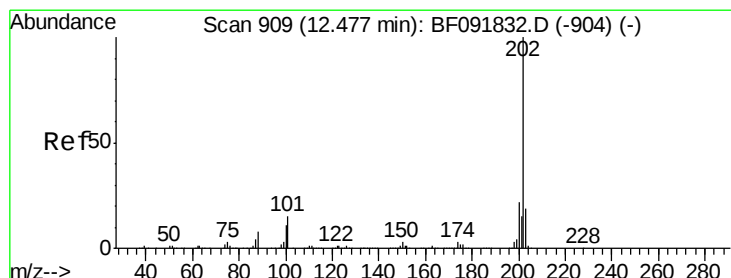
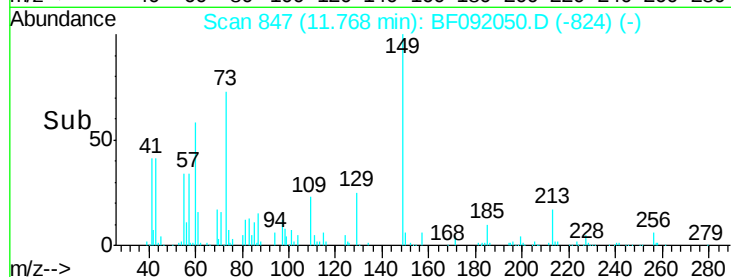
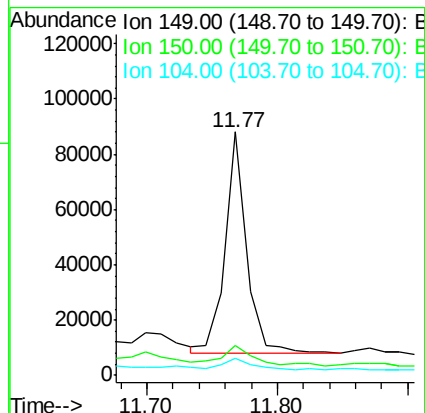
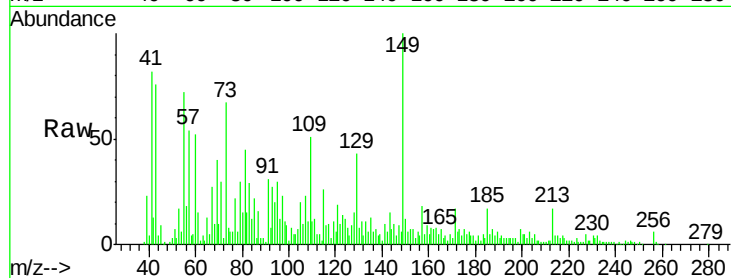
Tgt Ion:149 Resp: 91574

Ion Ratio Lower Upper

149 100

150 12.4 8.1 12.1#

104 7.2 4.6 7.0#



#74

Fluoranthene

Concen: Below Cal

RT: 12.40 min Scan# 902

Delta R.T. -0.05 min

Lab File: BF092050.D

Acq: 30 Dec 2016 17:27

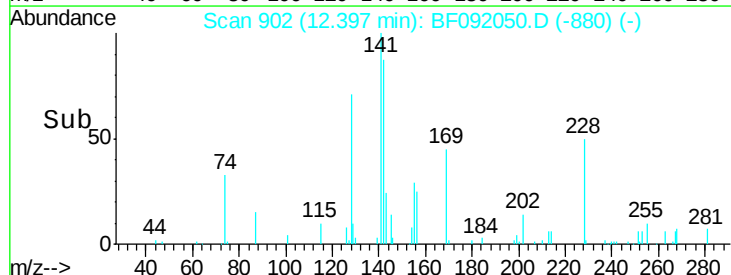
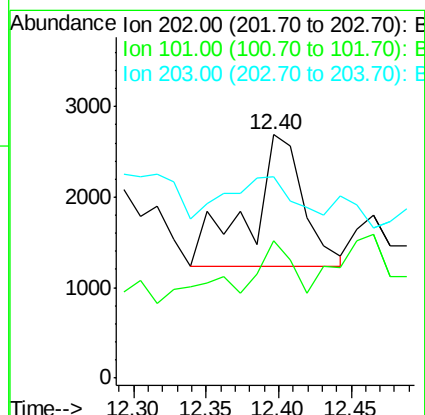
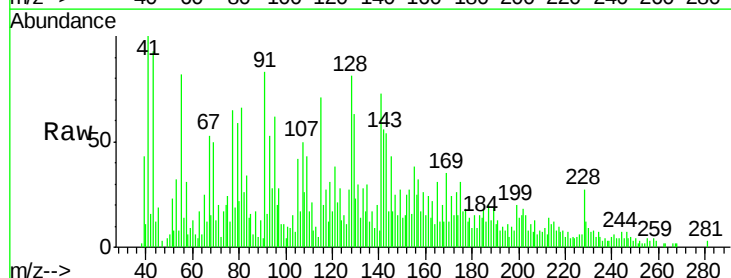
Tgt Ion:202 Resp: 3788

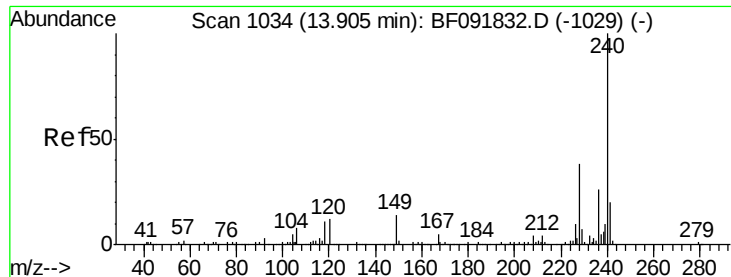
Ion Ratio Lower Upper

202 100

101 56.3 0.0 34.6#

203 82.9 0.0 38.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.05 min

Lab File: BF092050.D

Acq: 30 Dec 2016 17:27

Instrument :

BNA_F

ClientSampleId :

MW-16

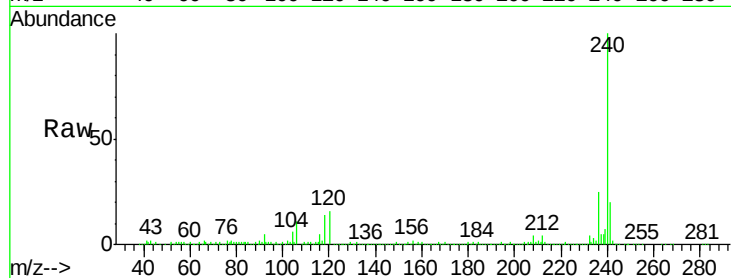
Tgt Ion:240 Resp: 488143

Ion Ratio Lower Upper

240 100

120 16.2 12.9 19.3

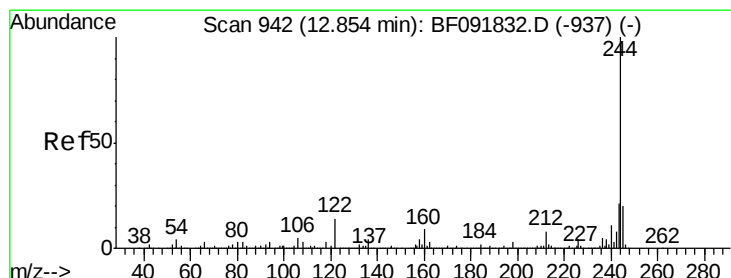
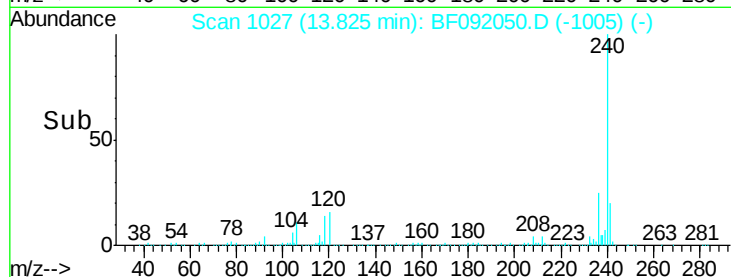
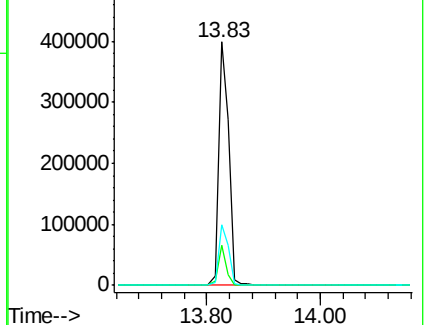
236 24.8 20.9 31.3



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: 88.99 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF092050.D

Acq: 30 Dec 2016 17:27

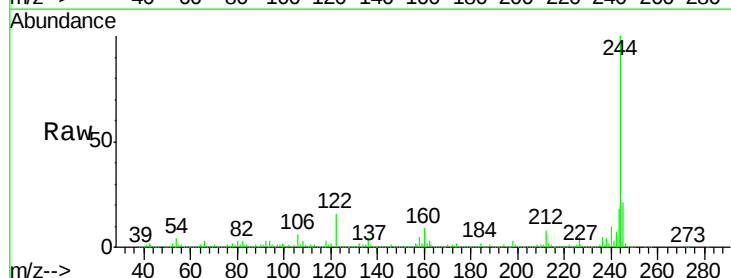
Tgt Ion:244 Resp: 1791115

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

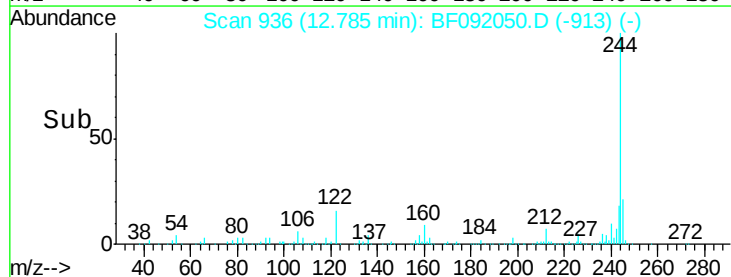
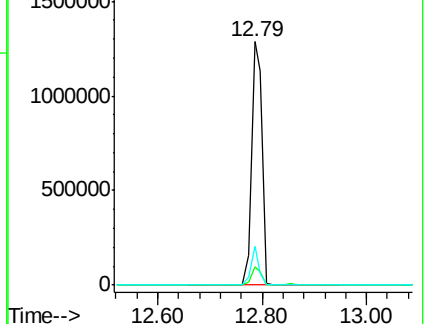
122 15.8 11.4 17.2

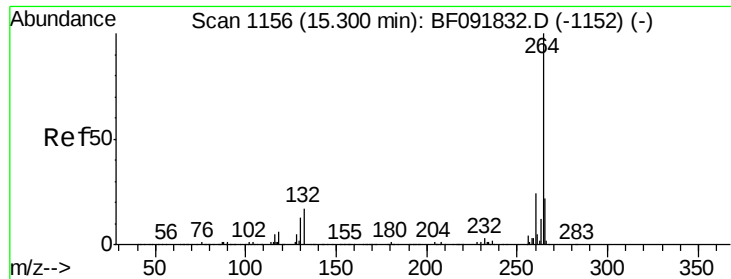


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.05 min
Lab File: BF092050.D
Acq: 30 Dec 2016 17:27

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion: 264 Resp: 525634
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.9 17.4 26.0

