

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
 Data File : BF098550.D
 Acq On : 15 Sep 2017 1:39
 Operator : SJ/JU
 Sample : I5129-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-015

Quant Time: Sep 15 05:05:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

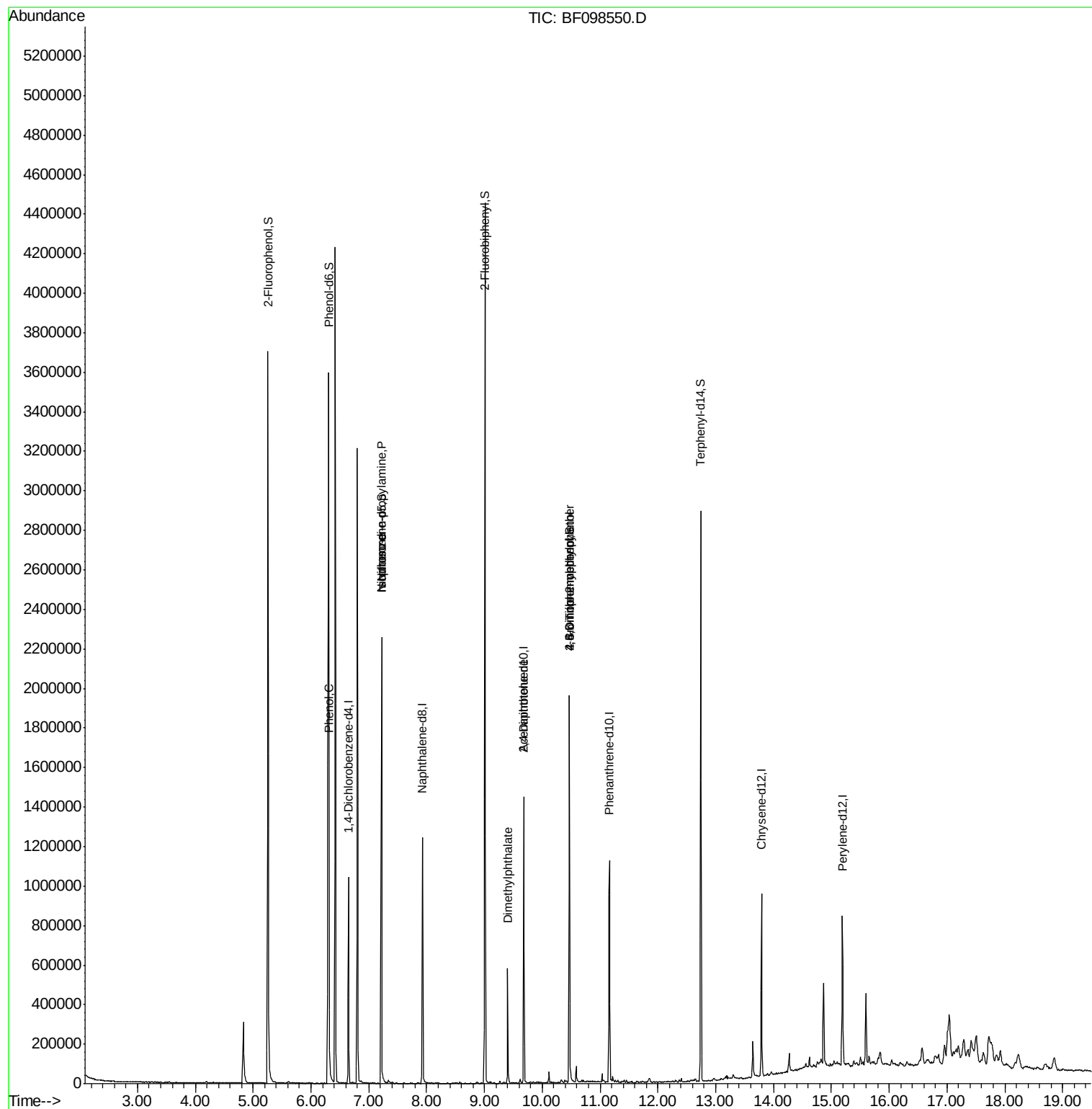
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	141048	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	576173	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	252949	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	394294	20.00	ng	-0.02
75) Chrysene-d12	13.79	240	276645	20.00	ng	-0.02
86) Perylene-d12	15.19	264	293031	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1051731	110.25	ng	-0.02
7) Phenol-d6	6.30	99	1298662	107.22	ng	-0.02
23) Nitrobenzene-d5	7.22	82	796920	77.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	213664	126.56	ng	-0.02
44) 2-Fluorobiphenyl	9.01	172	1322612	88.62	ng	-0.02
78) Terphenyl-d14	12.74	244	837370	65.33	ng	-0.02
Target Compounds						
10) Phenol	6.32	94	56954	4.048	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.22	70	105476	13.844	ng	# 79
25) Isophorone	7.22	82	785129	37.547	ng	# 67
49) Dimethylphthalate	9.40	163	206516	10.547	ng	99
56) 2,4-Dinitrotoluene	9.68	165	31638	6.470	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.47	198	560	5.172	ng	# 1
66) 4-Bromophenyl-phenylether	10.47	248	15754	4.210	ng	# 1

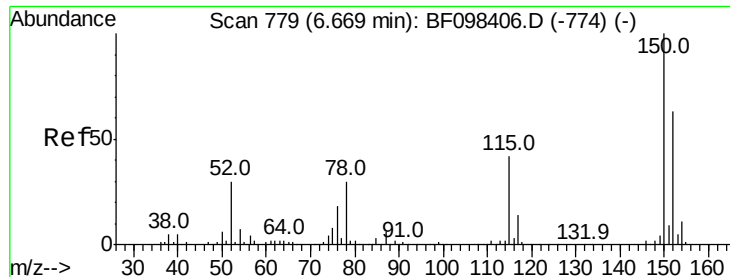
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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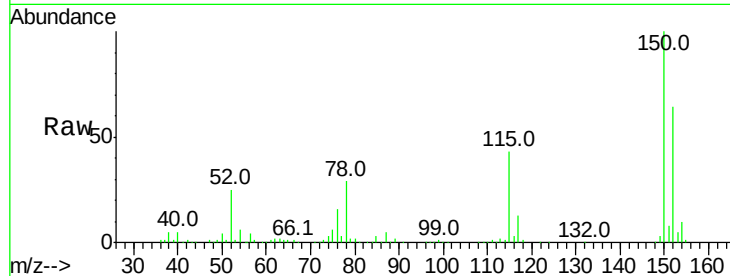


#1

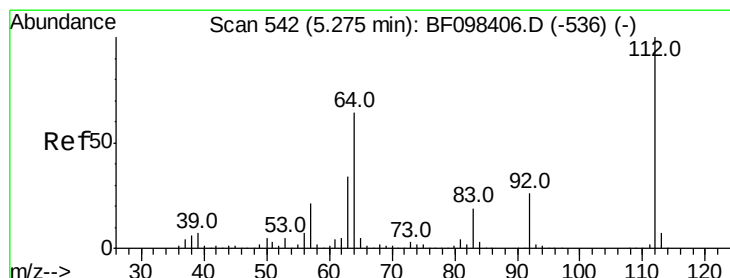
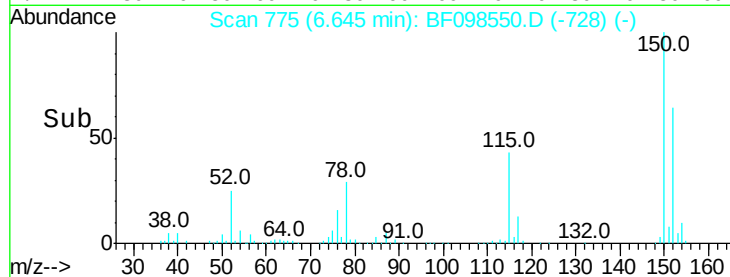
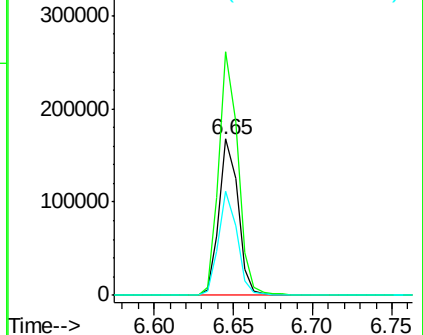
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF098550.D
Acq: 15 Sep 2017 1:39

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015

Tot Ion:152 Resp: 141048
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.2
115 66.9 52.2 78.2



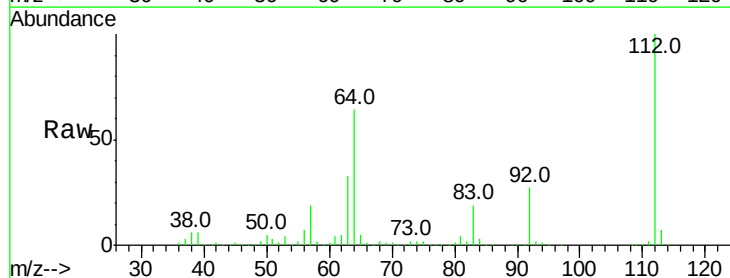
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



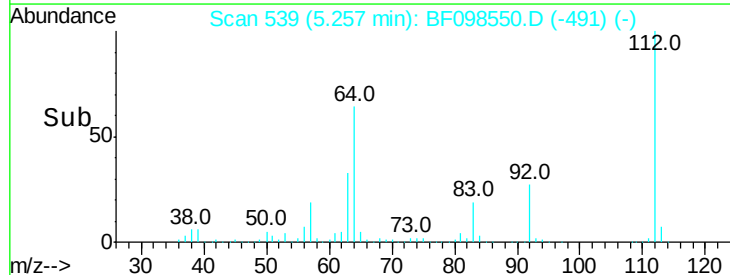
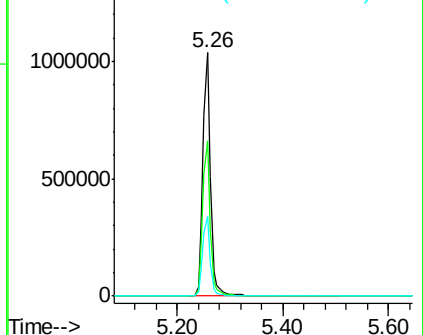
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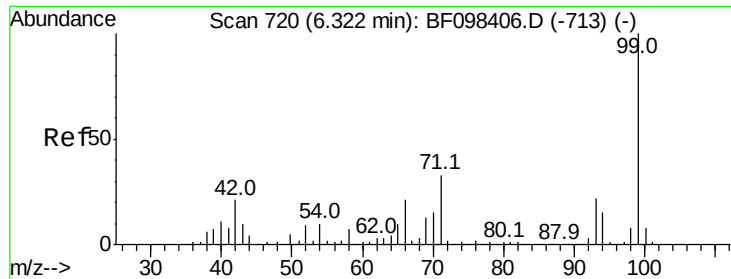
2-Fluorophenol
Concen: 110.247 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF098550.D
Acq: 15 Sep 2017 1:39

Tgt Ion:112 Resp: 1051731
Ion Ratio Lower Upper
112 100
64 63.9 46.0 69.0
63 32.7 23.4 35.0



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: 107.218 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF098550.D

Acq: 15 Sep 2017 1:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015

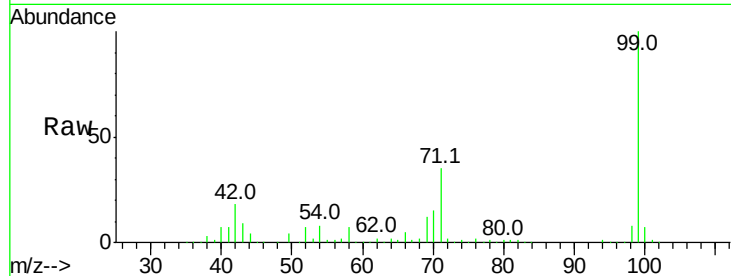
Tot Ion: 99 Resp: 1298662

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.5	20.3
71	34.6	24.5	36.7

99 100

42 18.2 13.5 20.3

71 34.6 24.5 36.7



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

6.30

1500000

1000000

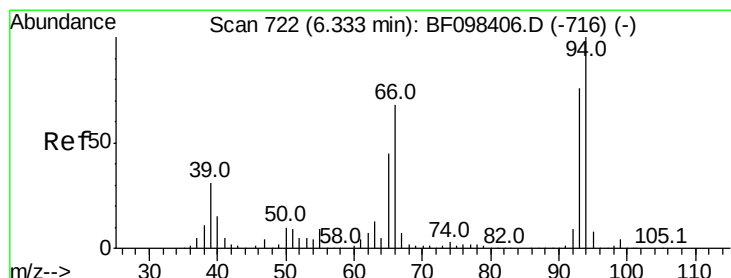
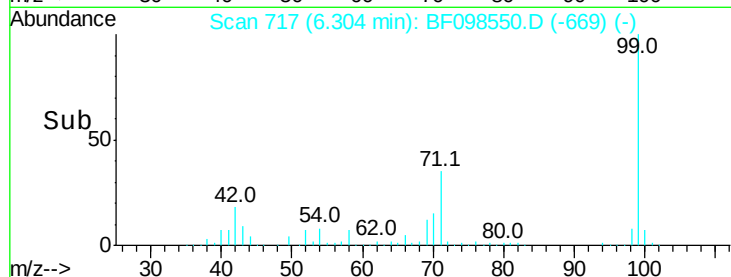
500000

0

6.30

6.40

Time-->



#10

Phenol

Concen: 4.048 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.02 min

Lab File: BF098550.D

Acq: 15 Sep 2017 1:39

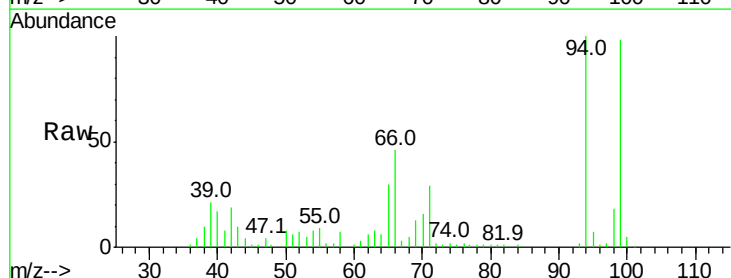
Tgt Ion: 94 Resp: 56954

Ion	Ratio	Lower	Upper
94	100		
65	29.7	9.9	49.9
66	46.0	23.1	63.1

94 100

65 29.7 9.9 49.9

66 46.0 23.1 63.1



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

6.32

400000

300000

200000

100000

0

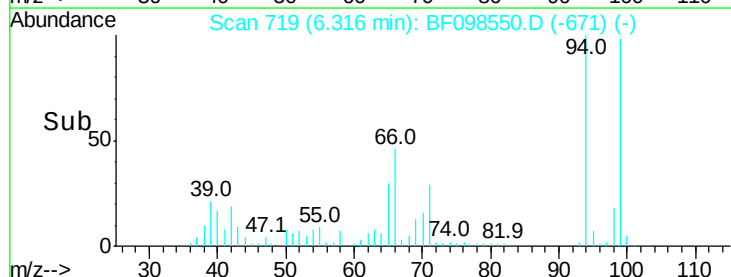
6.25

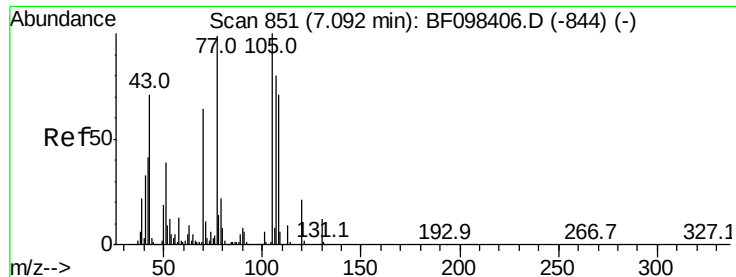
6.30

6.35

6.40

Time-->

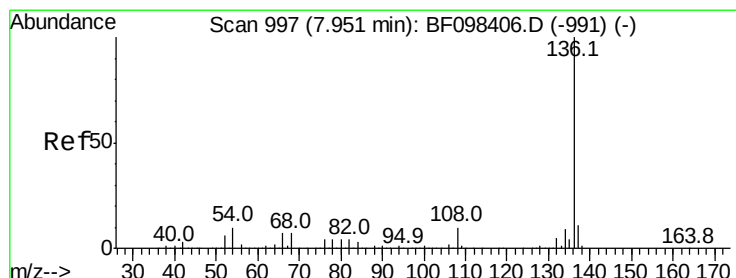
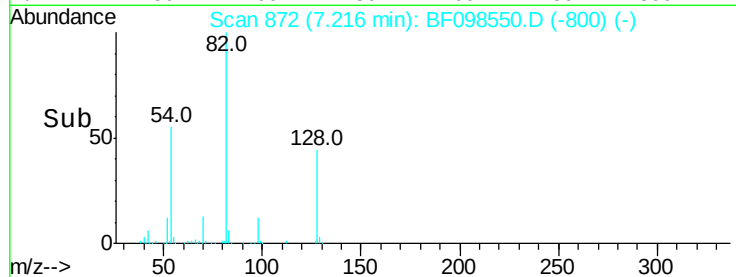
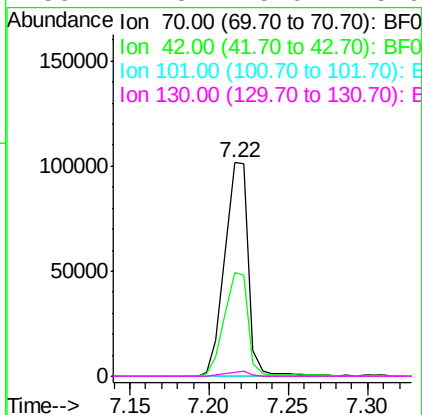
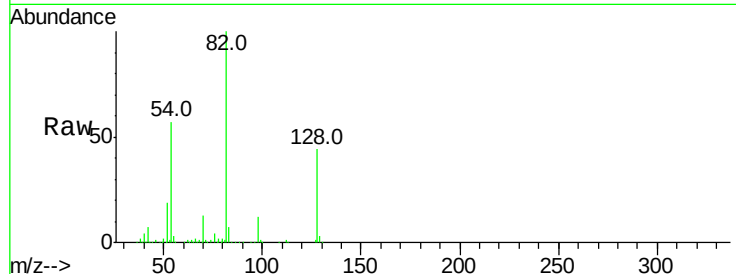




#19
n-Nitroso-di-n-propylamine
Concen: 13.844 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.12 min
Lab File: BF098550.D
Acq: 15 Sep 2017 1:39

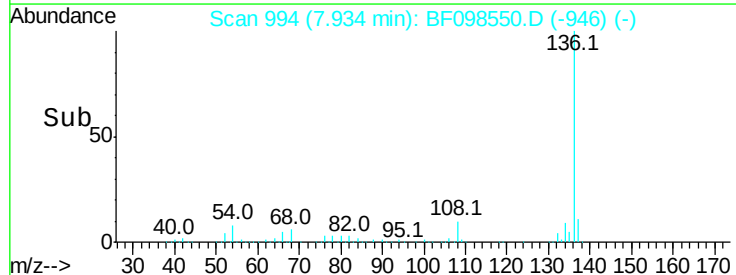
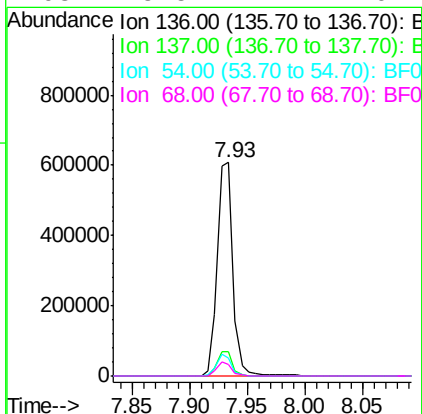
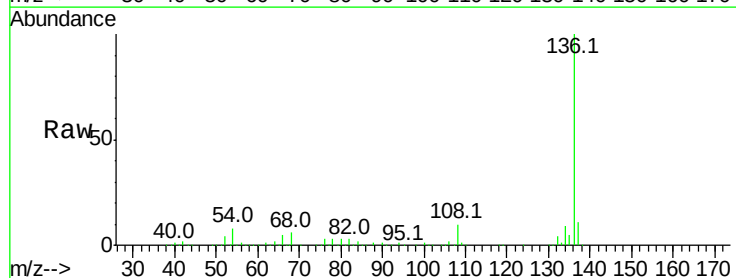
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015

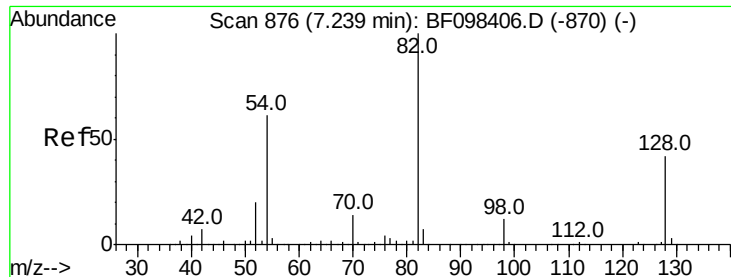
Tot Ion: 70 Resp: 105476
Ion Ratio Lower Upper
70 100
42 48.3 47.2 70.8
101 0.0 7.2 10.8#
130 1.8 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF098550.D
Acq: 15 Sep 2017 1:39

Tgt Ion:136 Resp: 576173
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 8.4 4.9 7.3#
68 5.5 4.1 6.1

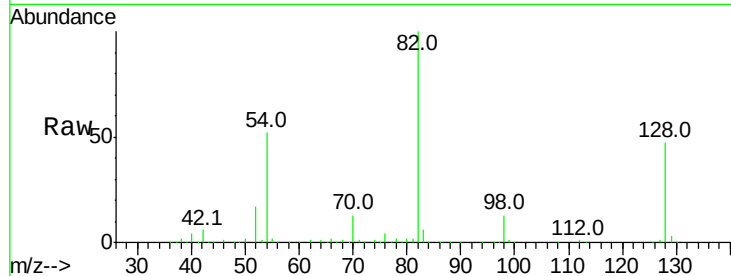




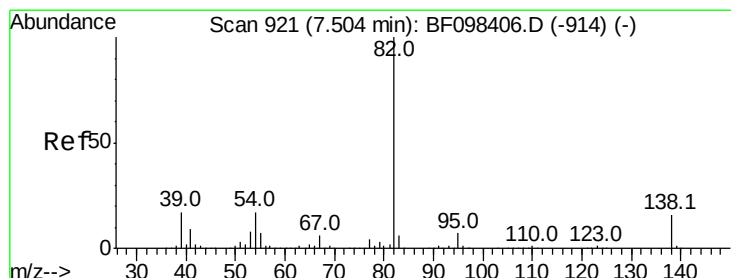
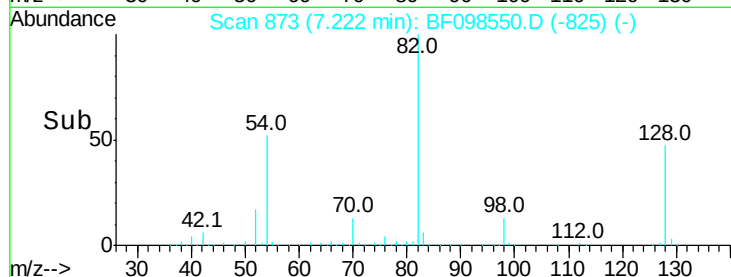
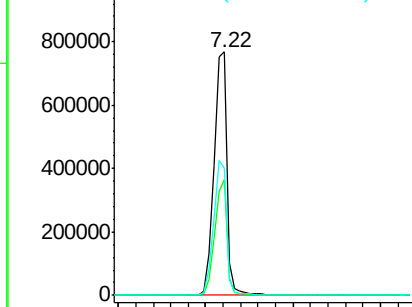
#23
 Nitrobenzene-d5
 Concen: 77.109 ng
 RT: 7.22 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BF098550.D
 Acq: 15 Sep 2017 1:39

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-015

Tot Ion	82	Resp	796920
Ion Ratio	Lower	Upper	
82	100		
128	47.2	34.0	51.0
54	52.3	42.2	63.2

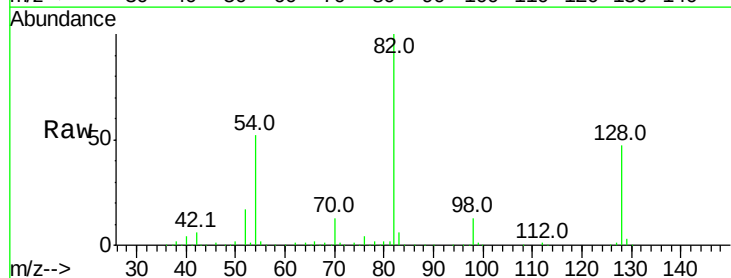


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

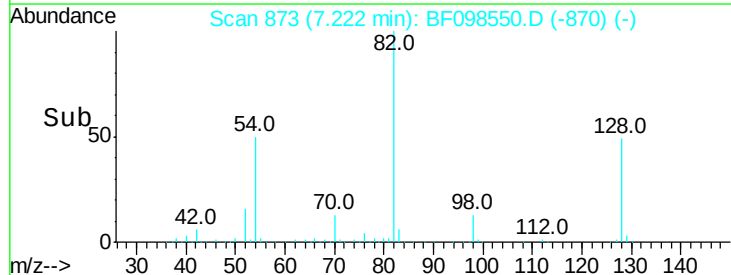
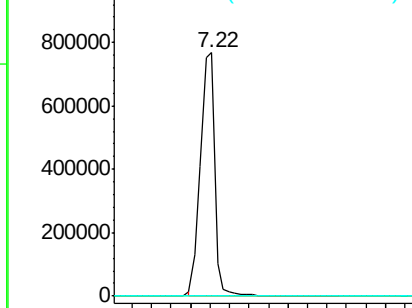


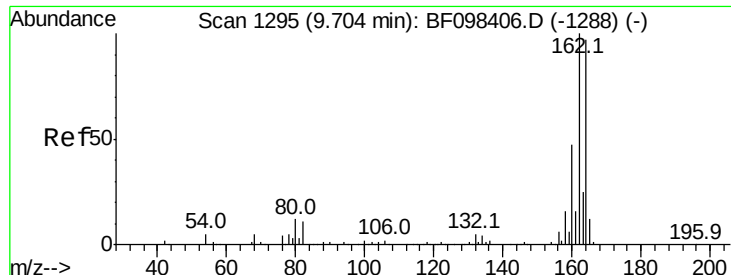
#25
 Isophorone
 Concen: 37.547 ng
 RT: 7.22 min Scan# 873
 Delta R.T. -0.28 min
 Lab File: BF098550.D
 Acq: 15 Sep 2017 1:39

Tgt Ion	82	Resp	785129
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

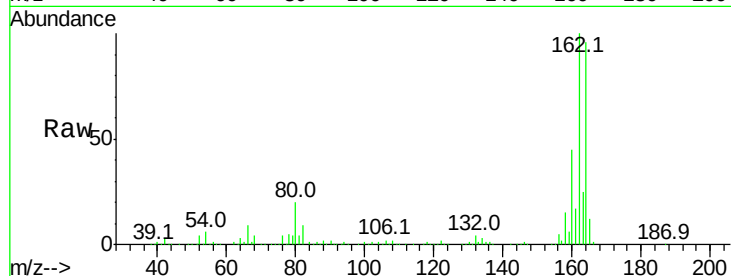




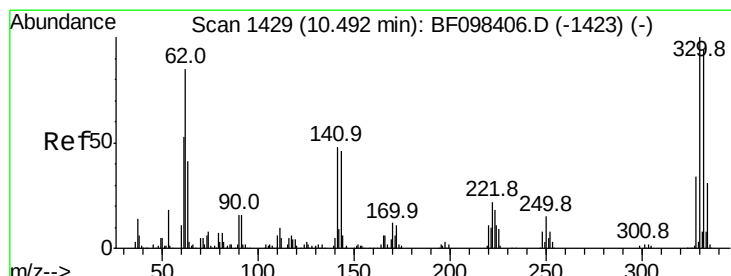
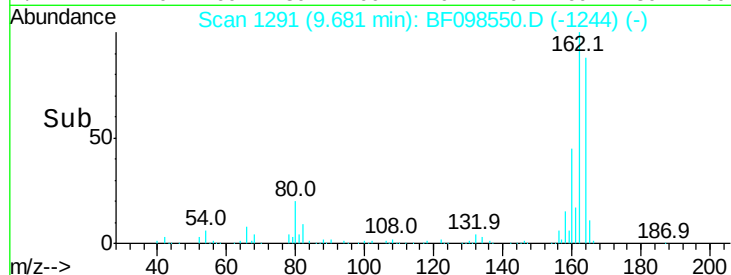
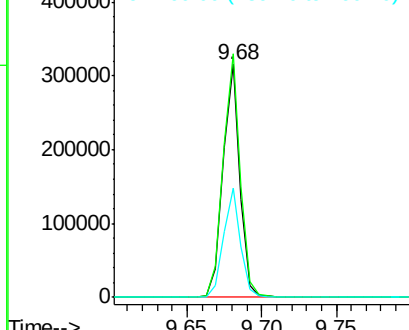
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF098550.D
 Acq: 15 Sep 2017 1:39

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-015

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.6	123.8
160	46.6	36.2	54.2

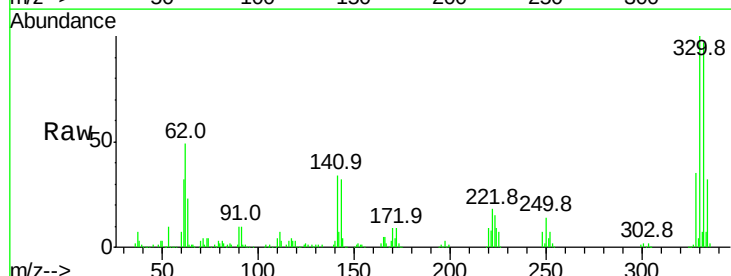


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

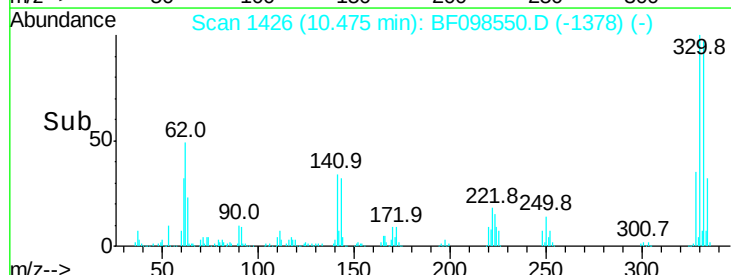
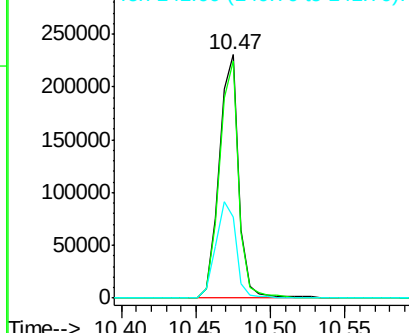


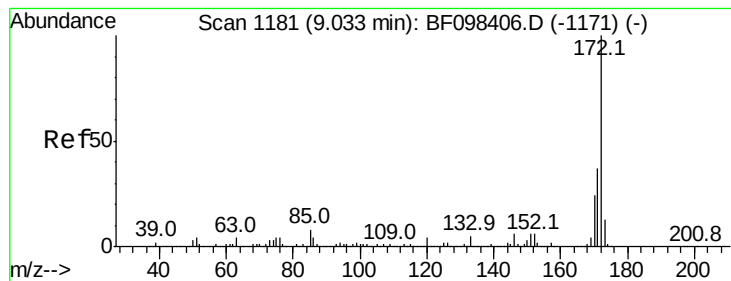
#41
 2,4,6-Tribromophenol
 Concen: 126.561 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098550.D
 Acq: 15 Sep 2017 1:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	41.5	31.4	47.2



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: 88.623 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.02 min

Lab File: BF098550.D

Acq: 15 Sep 2017 1:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015

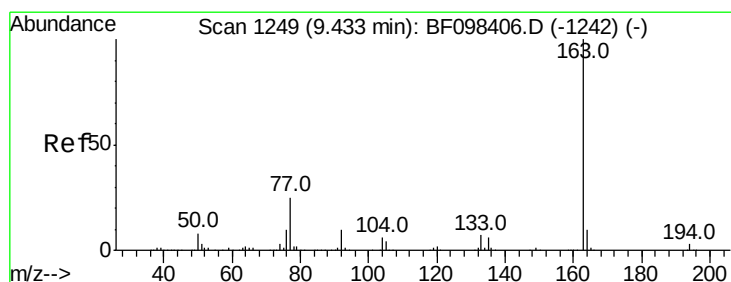
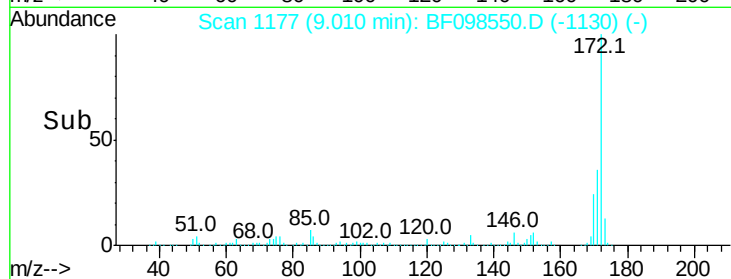
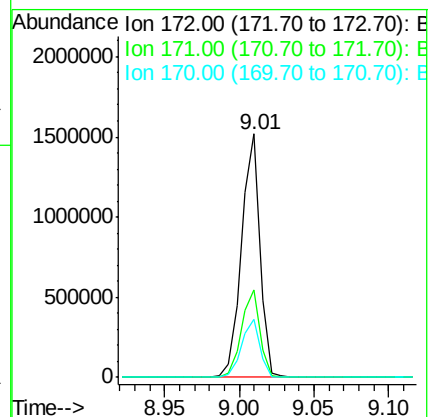
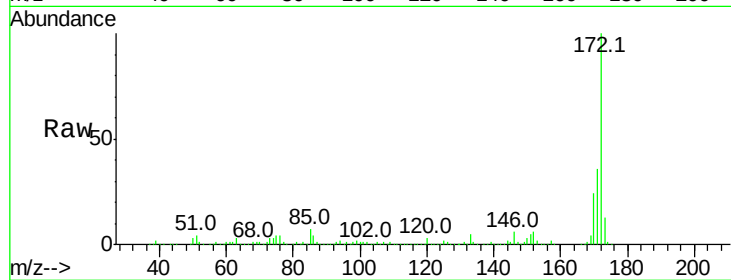
Tot Ion:172 Resp: 1322612

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

170 23.9 19.8 29.8



#49

Dimethylphthalate

Concen: 10.547 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.03 min

Lab File: BF098550.D

Acq: 15 Sep 2017 1:39

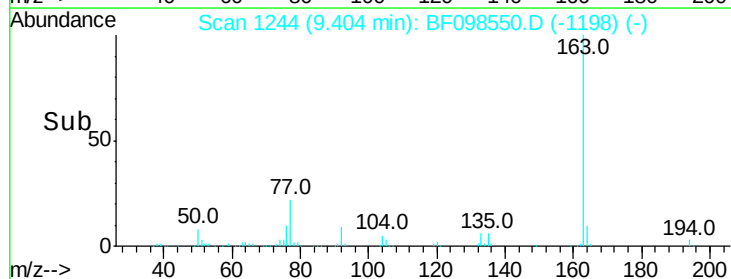
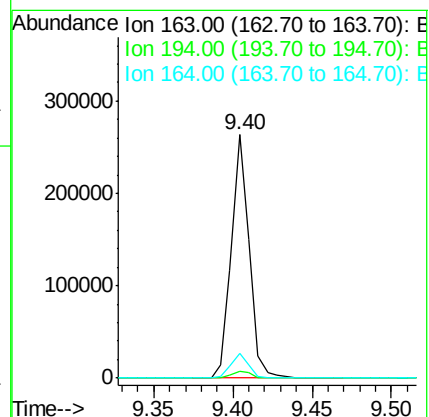
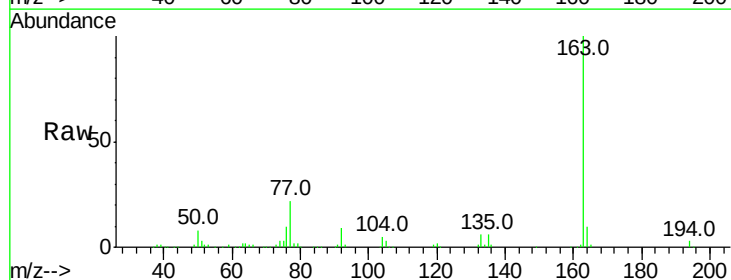
Tgt Ion:163 Resp: 206516

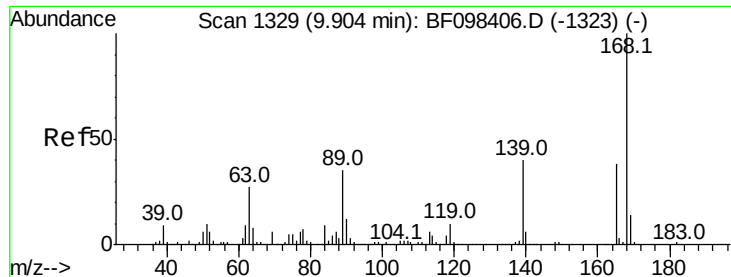
Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

164 10.1 8.4 12.6

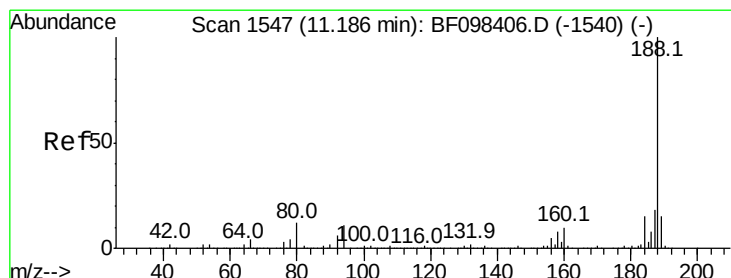
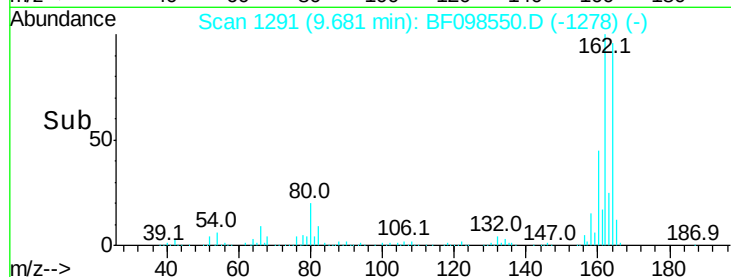
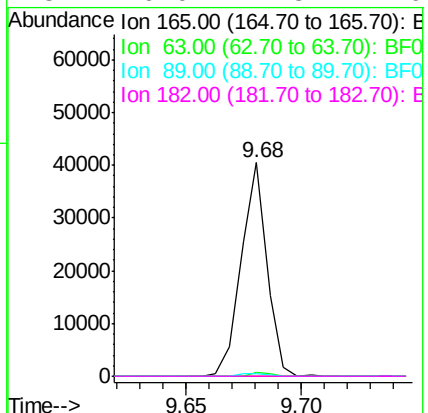
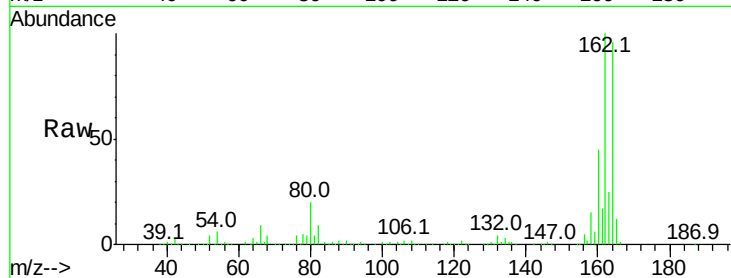




#56
 2,4-Dinitrotoluene
 Concen: 6.470 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.22 min
 Lab File: BF098550.D
 Acq: 15 Sep 2017 1:39

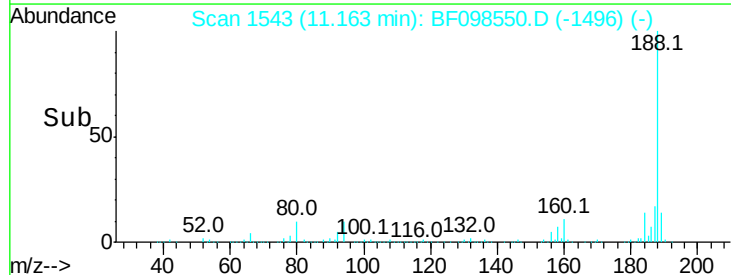
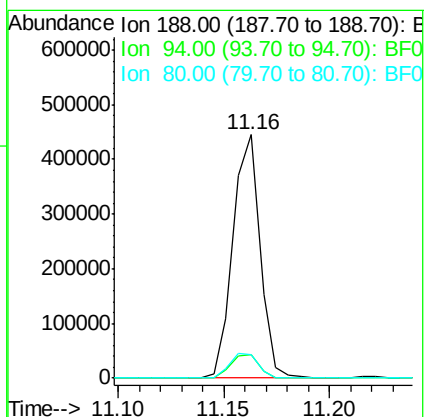
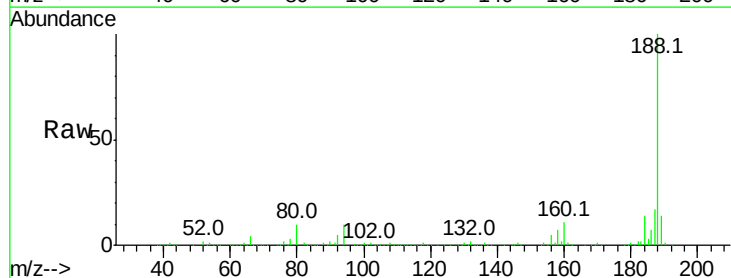
Instrument :
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 FK-PS-01-015

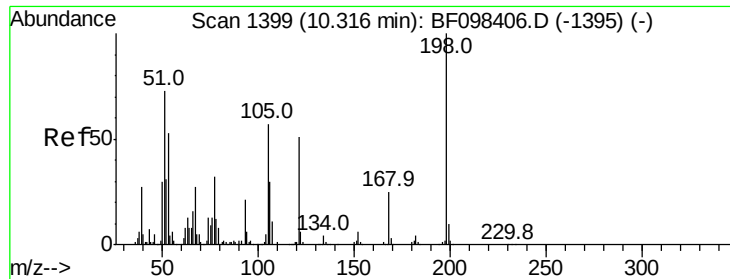
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.02 min
 Lab File: BF098550.D
 Acq: 15 Sep 2017 1:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.4	14.2
80	9.6	10.2	15.2#

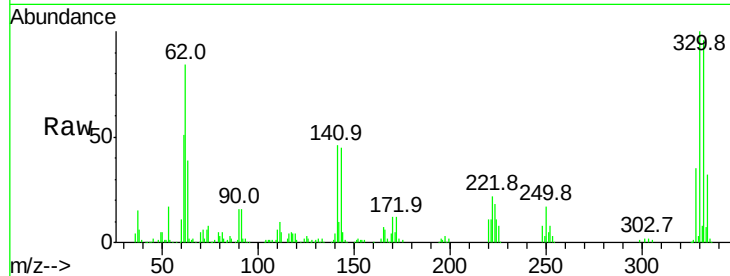




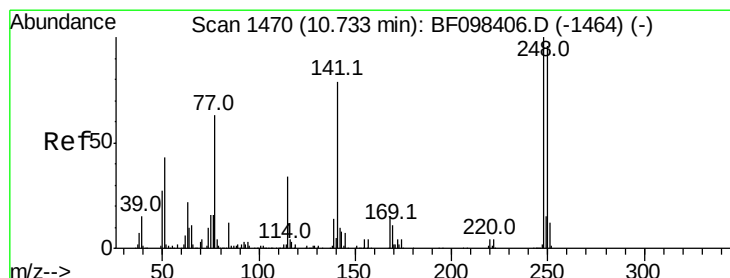
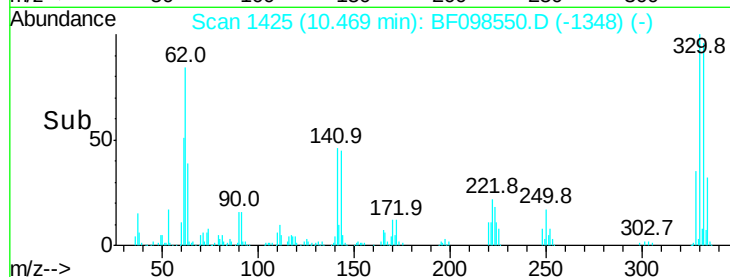
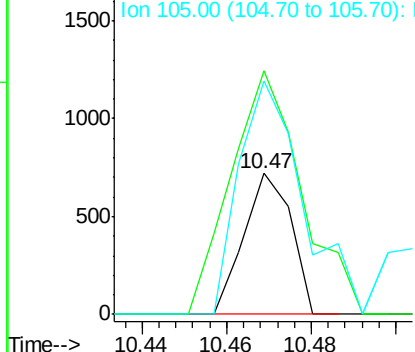
#64
4,6-Dinitro-2-methylphenol
Concen: 5.172 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.15 min
Lab File: BF098550.D
Acq: 15 Sep 2017 1:39

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015

Tot Ion:198 Resp: 560
Ion Ratio Lower Upper
198 100
51 172.5 53.2 93.2#
105 165.7 45.8 85.8#

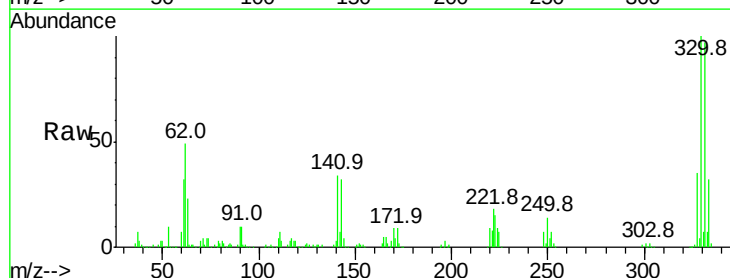


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

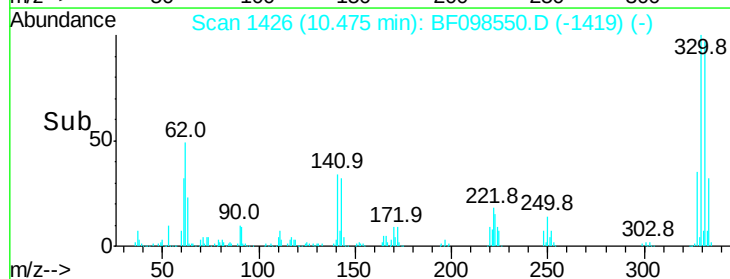
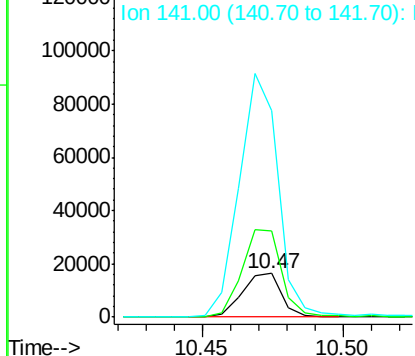


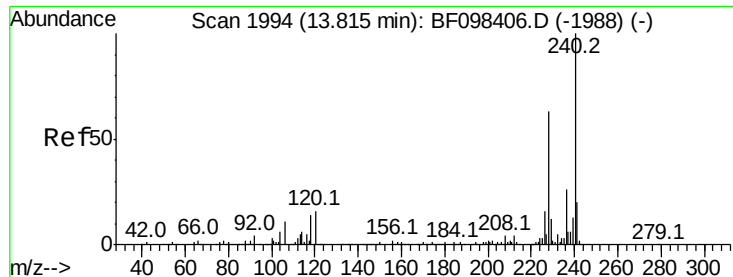
#66
4-Bromophenyl-phenylether
Concen: 4.210 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.26 min
Lab File: BF098550.D
Acq: 15 Sep 2017 1:39

Tgt Ion:248 Resp: 15754
Ion Ratio Lower Upper
248 100
250 195.7 76.8 115.2#
141 471.1 68.6 103.0#



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.02 min

Lab File: BF098550.D

Acq: 15 Sep 2017 1:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015

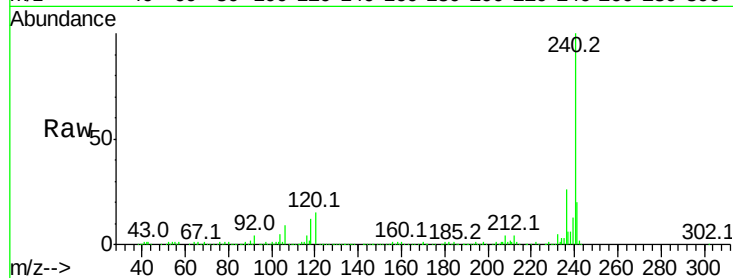
Tot Ion:240 Resp: 276645

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

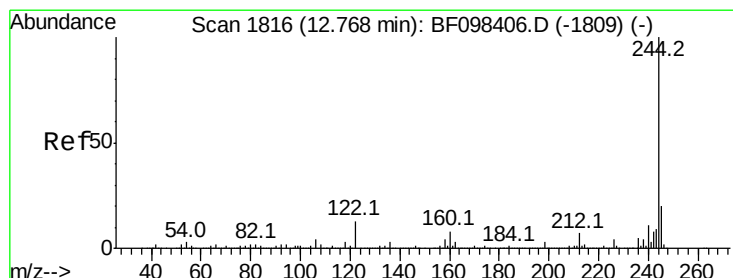
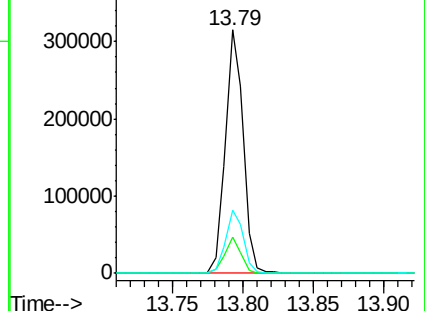
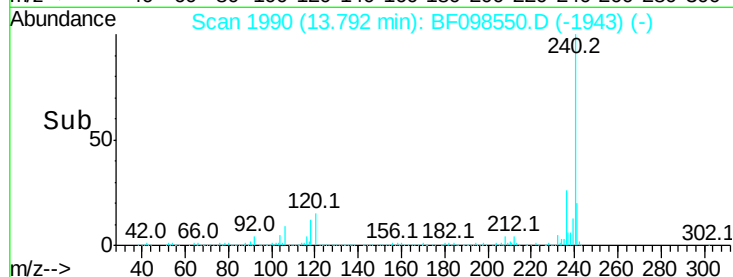
236 26.2 20.5 30.7



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: 65.334 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF098550.D

Acq: 15 Sep 2017 1:39

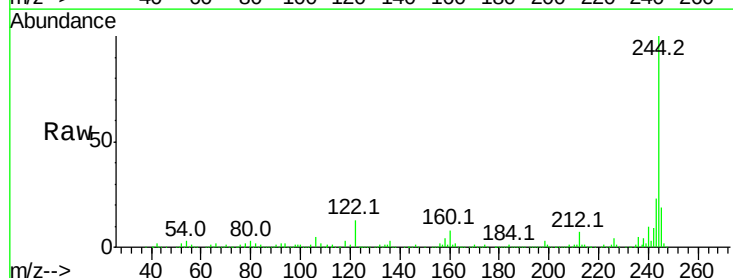
Tgt Ion:244 Resp: 837370

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

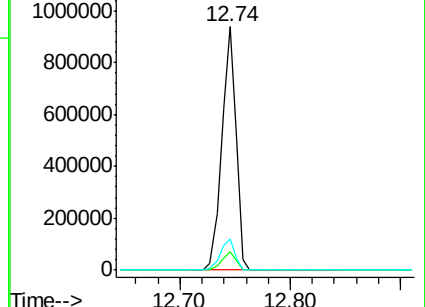
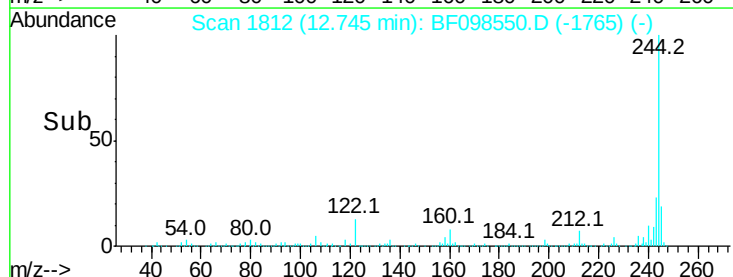
122 12.8 10.3 15.5

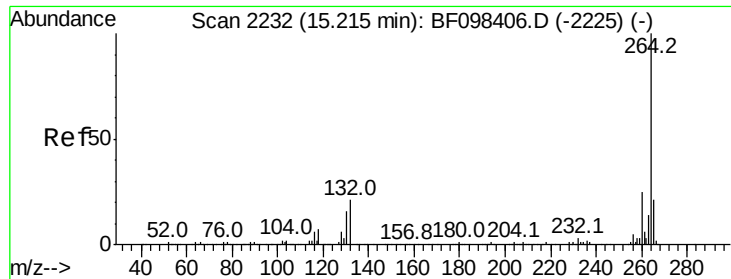


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

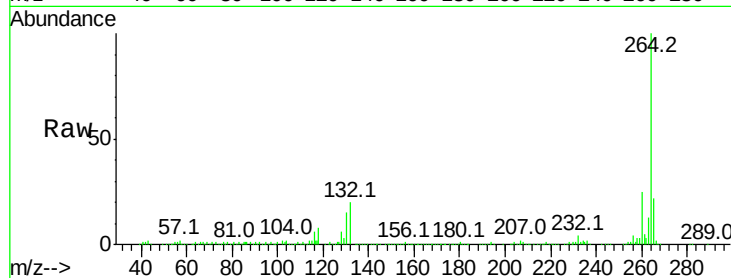




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF098550.D
Acq: 15 Sep 2017 1:39

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.8	17.2	25.8



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

