

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097155.D
 Acq On : 28 Jul 2017 15:33
 Operator : SJ/JU
 Sample : 4417-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A3-A4-A5-A6

Quant Time: Jul 28 16:15:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

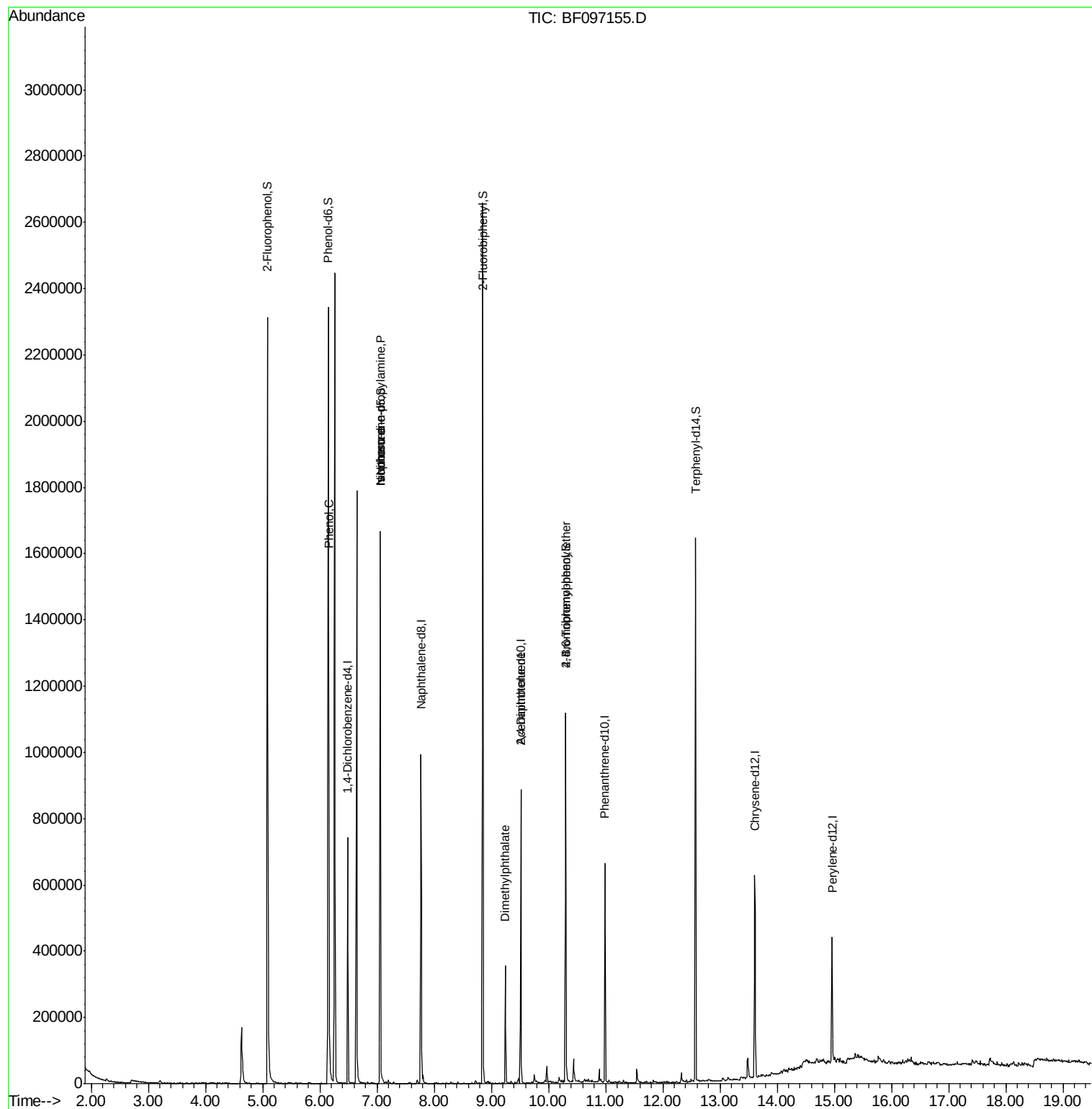
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	103271	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	414796	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	165773	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	224799	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	201195	20.00	ng	-0.02
86) Perylene-d12	14.96	264	154895	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	688464	100.50	ng	-0.01
7) Phenol-d6	6.15	99	826530	105.68	ng	-0.02
23) Nitrobenzene-d5	7.06	82	481473	68.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	123144	94.02	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	842543	86.26	ng	-0.02
78) Terphenyl-d14	12.57	244	502900	50.96	ng	-0.01
Target Compounds						
10) Phenol	6.16	94	34978	3.771	ng	98
19) n-Nitroso-di-n-propylamine	7.06	70	65131	12.652	ng	# 87
25) Isophorone	7.06	82	480962	34.734	ng	# 67
49) Dimethylphthalate	9.25	163	127952	10.164	ng	99
56) 2,4-Dinitrotoluene	9.52	165	20423	6.654	ng	# 33
66) 4-Bromophenyl-phenylether	10.30	248	8127	3.623	ng	# 1

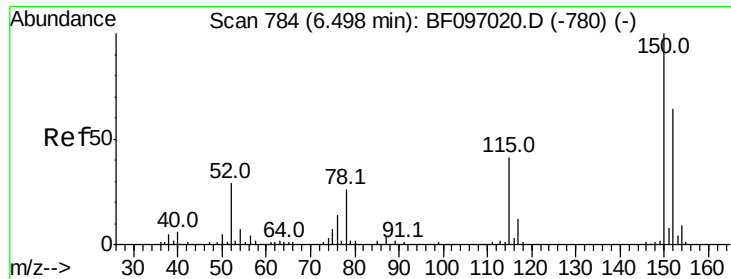
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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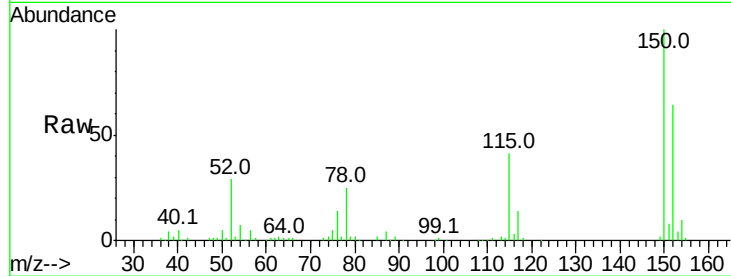


#1

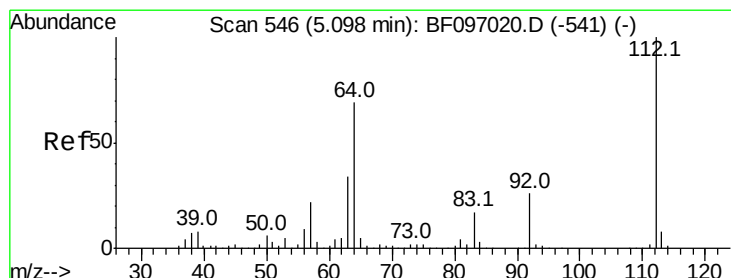
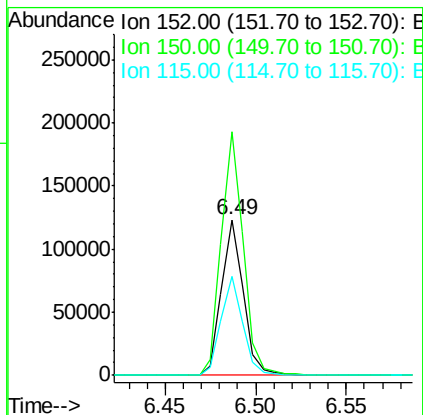
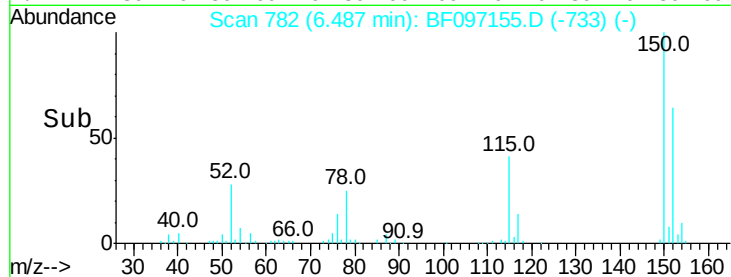
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097155.D
Acq: 28 Jul 2017 15:33

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A3-A4-A5-A6

Tot Ion:152 Resp: 103271
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.2
115 63.6 52.2 78.2



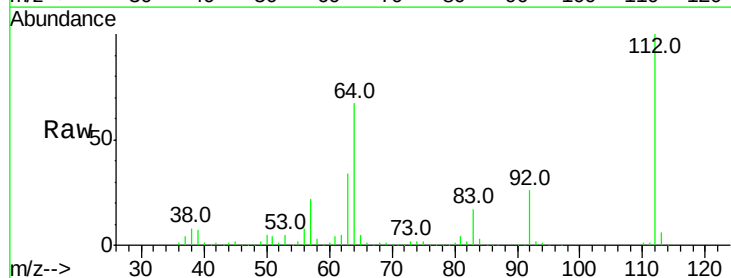
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



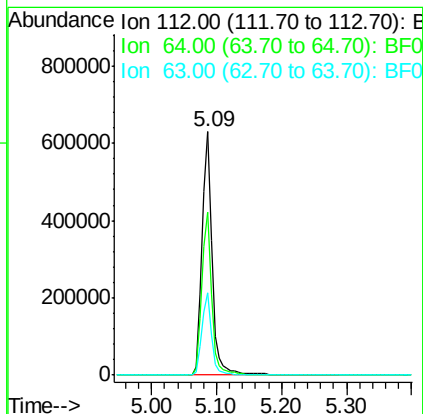
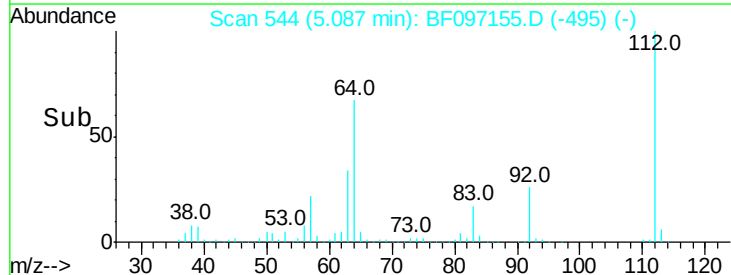
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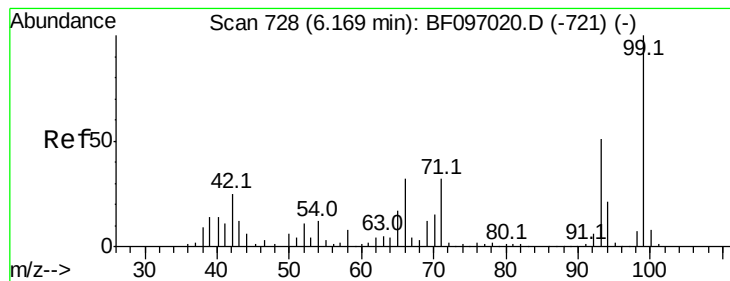
2-Fluorophenol
Concen: 100.498 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097155.D
Acq: 28 Jul 2017 15:33

Tgt Ion:112 Resp: 688464
Ion Ratio Lower Upper
112 100
64 66.7 46.0 69.0
63 34.0 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: 105.685 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097155.D

Acq: 28 Jul 2017 15:33

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A3-A4-A5-A6

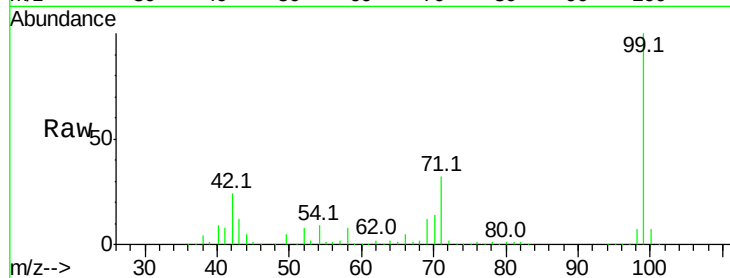
Tot Ion: 99 Resp: 826530

Ion Ratio Lower Upper

99 100

42 23.9 13.5 20.3#

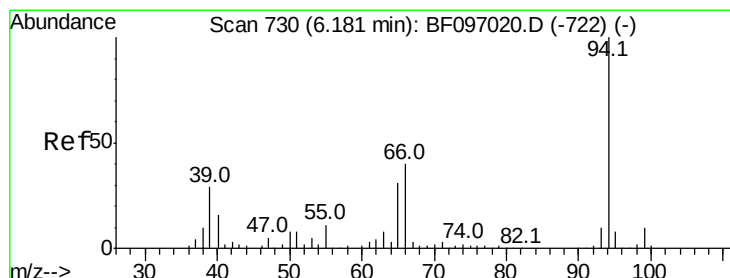
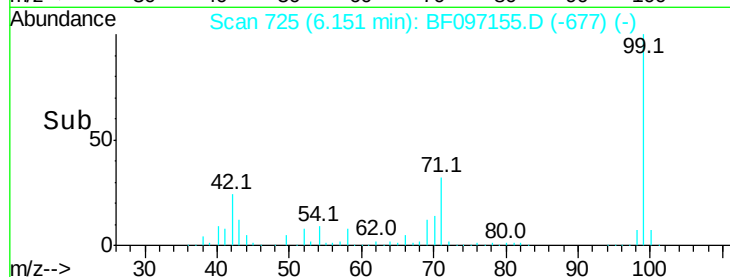
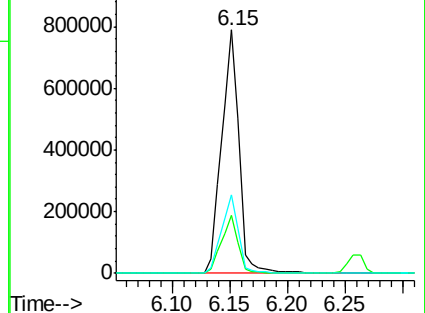
71 32.2 24.5 36.7



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



#10

Phenol

Concen: 3.771 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF097155.D

Acq: 28 Jul 2017 15:33

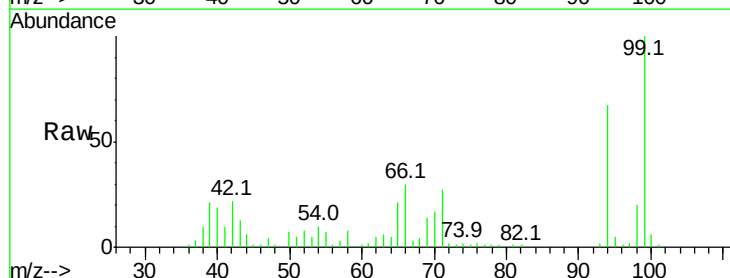
Tgt Ion: 94 Resp: 34978

Ion Ratio Lower Upper

94 100

65 30.9 9.9 49.9

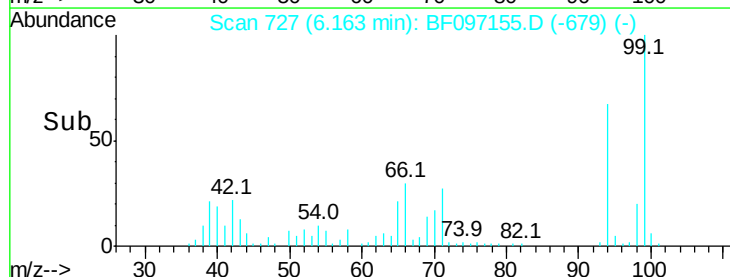
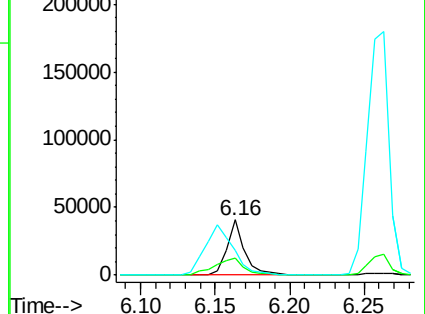
66 44.3 23.1 63.1

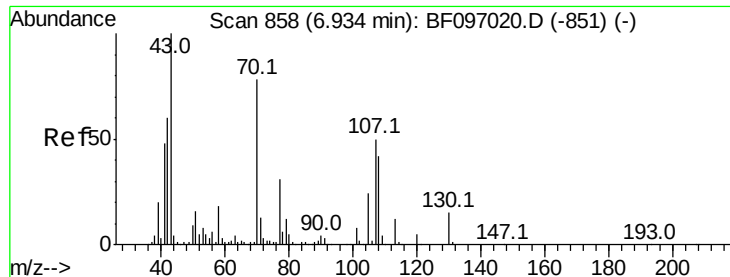


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

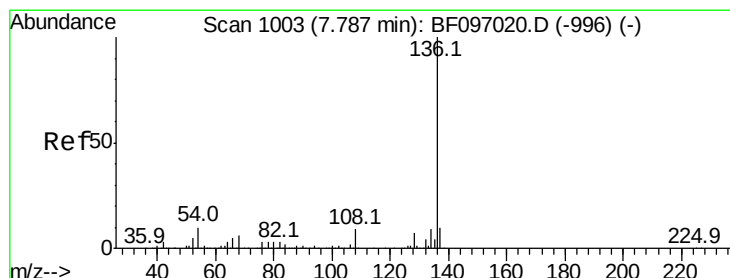
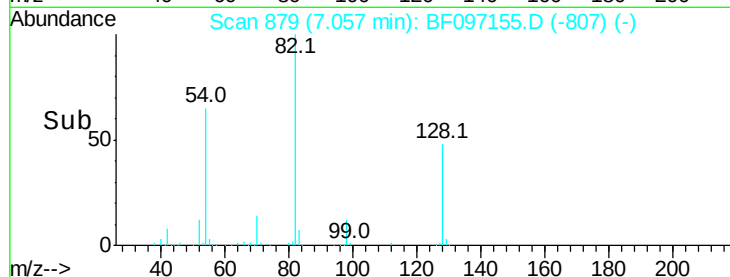
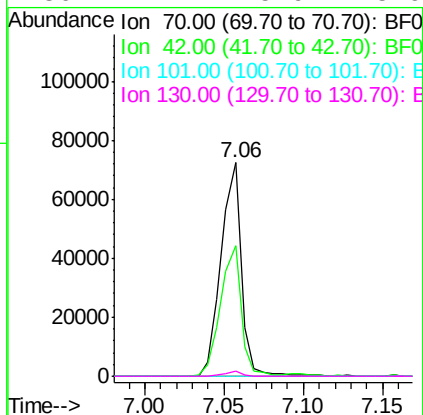
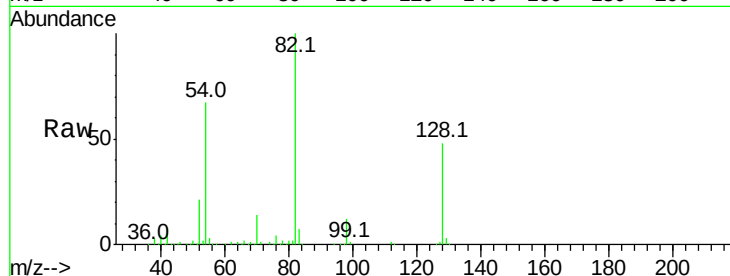




#19
n-Nitroso-di-n-propylamine
Concen: 12.652 ng
RT: 7.06 min Scan# 879
Delta R.T. 0.12 min
Lab File: BF097155.D
Acq: 28 Jul 2017 15:33

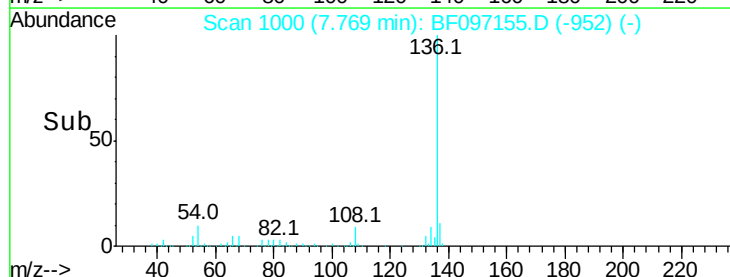
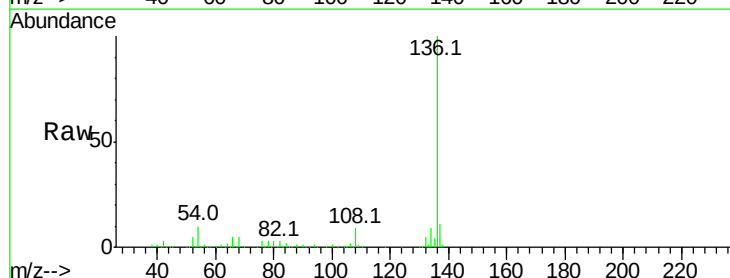
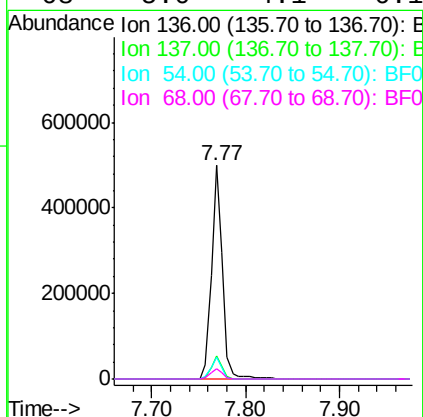
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A3-A4-A5-A6

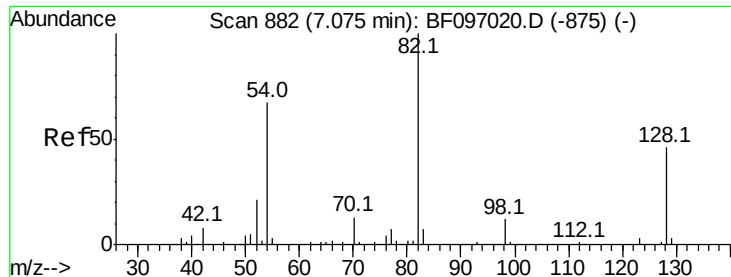
Tot Ion: 70 Resp: 65131
Ion Ratio Lower Upper
70 100
42 61.1 47.2 70.8
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097155.D
Acq: 28 Jul 2017 15:33

Tgt Ion:136 Resp: 414796
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 10.5 4.9 7.3#
68 5.0 4.1 6.1

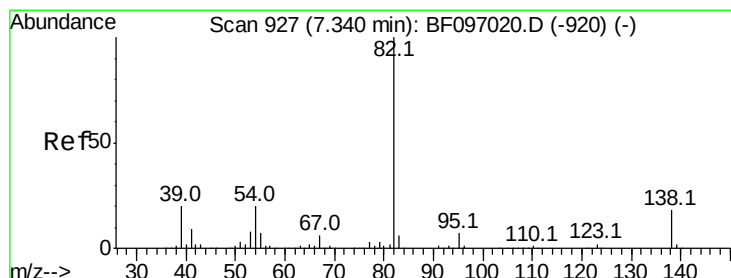
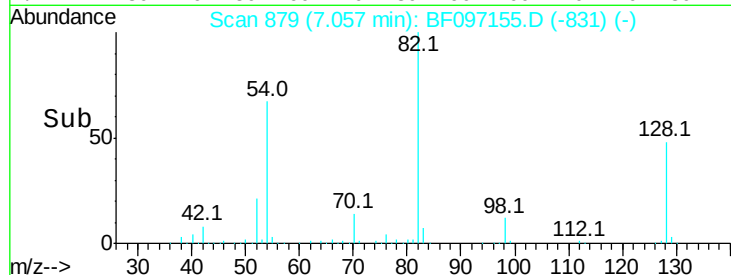
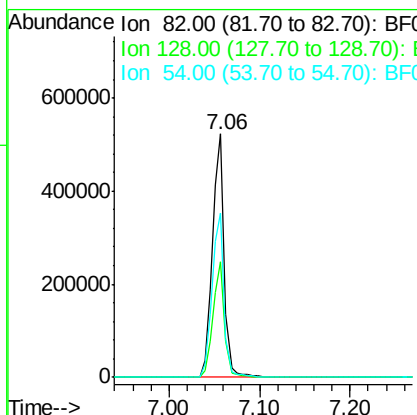
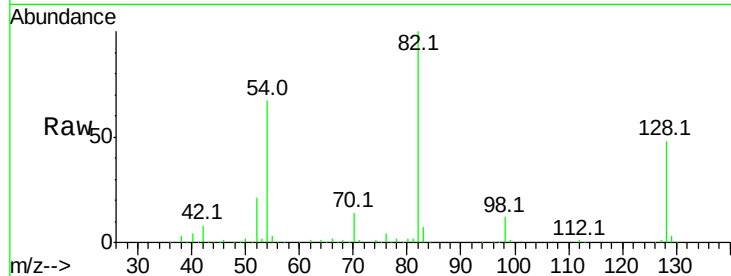




#23
 Nitrobenzene-d5
 Concen: 68.094 ng
 RT: 7.06 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF097155.D
 Acq: 28 Jul 2017 15:33

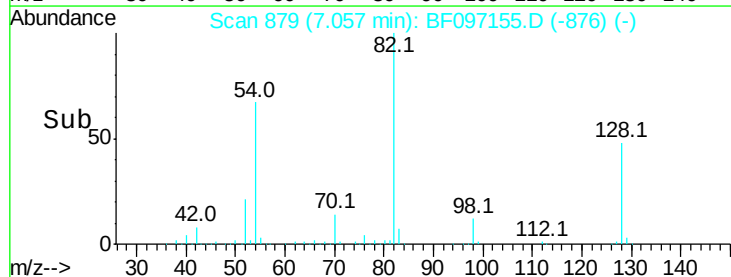
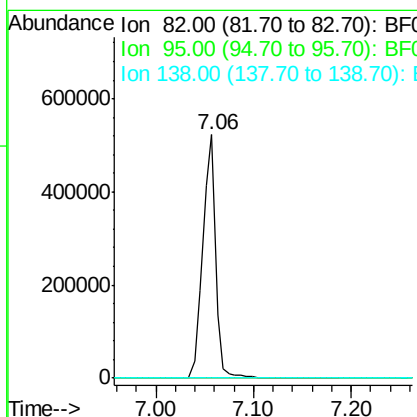
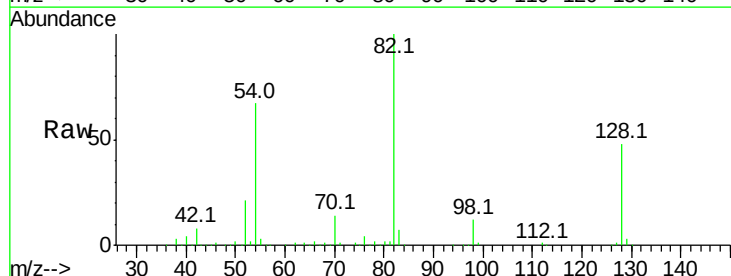
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A3-A4-A5-A6

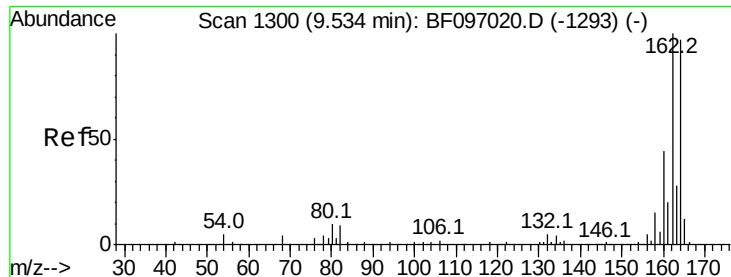
Tot Ion: 82 Resp: 481473
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.0 51.0
 54 67.5 42.2 63.2#



#25
 Isophorone
 Concen: 34.734 ng
 RT: 7.06 min Scan# 879
 Delta R.T. -0.28 min
 Lab File: BF097155.D
 Acq: 28 Jul 2017 15:33

Tgt Ion: 82 Resp: 480962
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

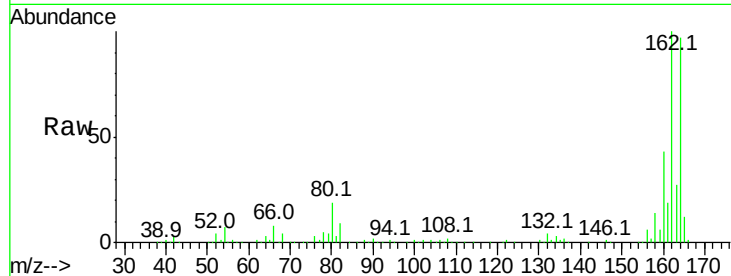




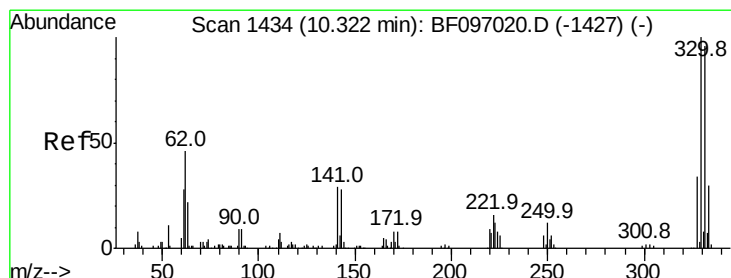
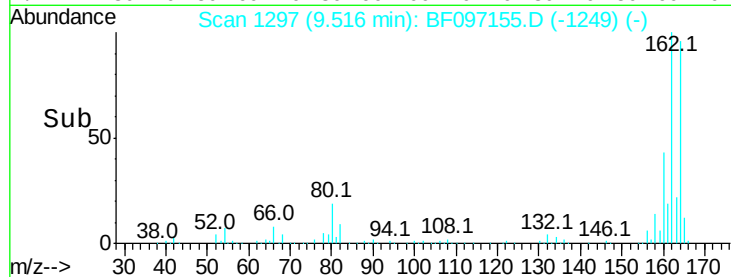
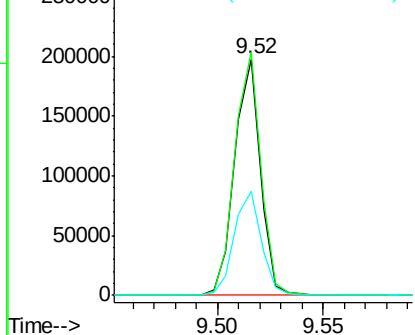
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097155.D
Acq: 28 Jul 2017 15:33

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A3-A4-A5-A6

Tot Ion:164 Resp: 165773
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 43.9 36.2 54.2

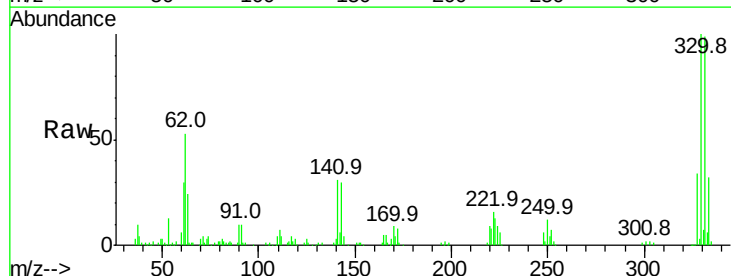


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

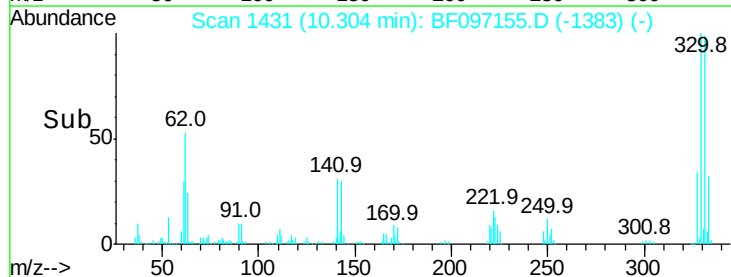
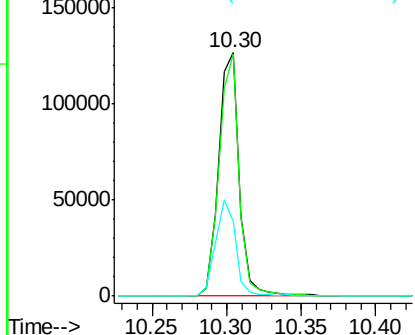


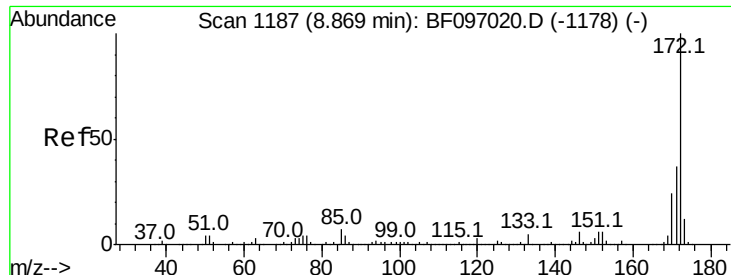
#41
2,4,6-Tribromophenol
Concen: 94.020 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF097155.D
Acq: 28 Jul 2017 15:33

Tgt Ion:330 Resp: 123144
Ion Ratio Lower Upper
330 100
332 96.7 76.6 115.0
141 38.5 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

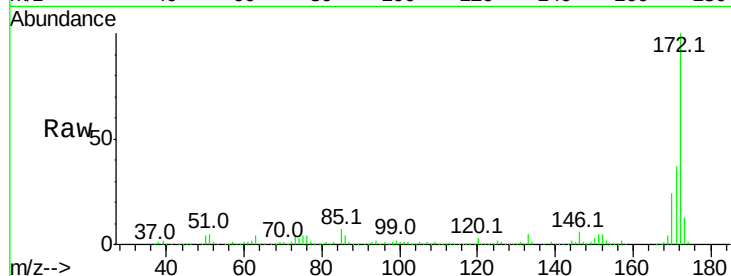




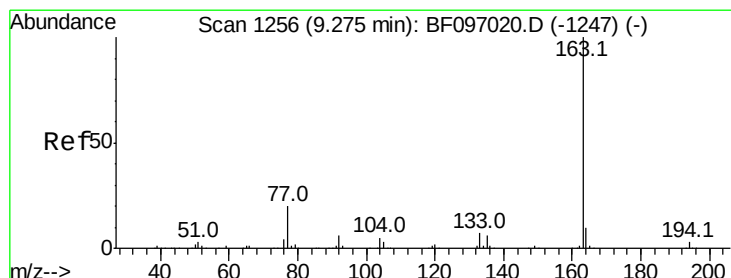
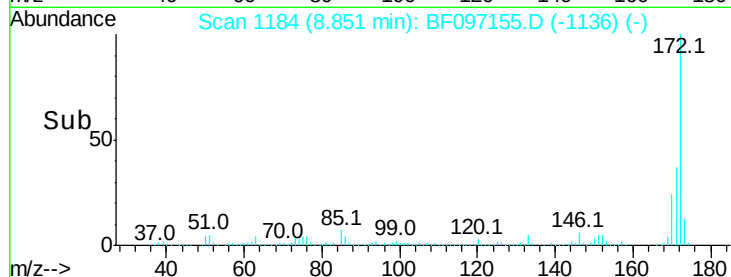
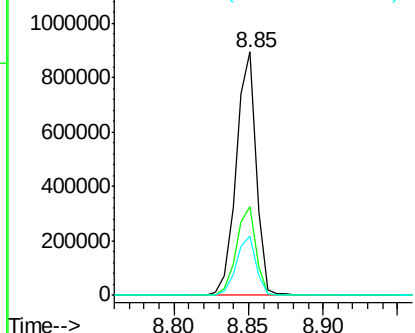
#44
 2-Fluorobiphenyl
 Concen: 86.255 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097155.D
 Acq: 28 Jul 2017 15:33

Instrument :
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 FK-BPM-01-A3-A4-A5-A6

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.1	19.8	29.8

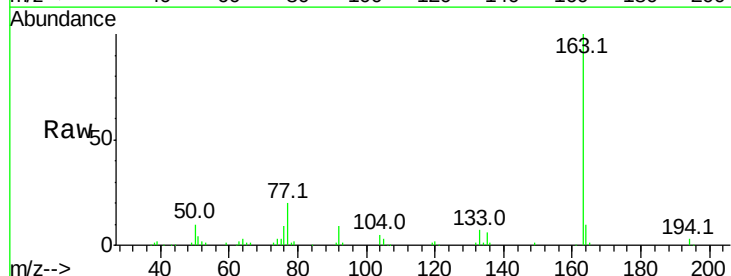


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

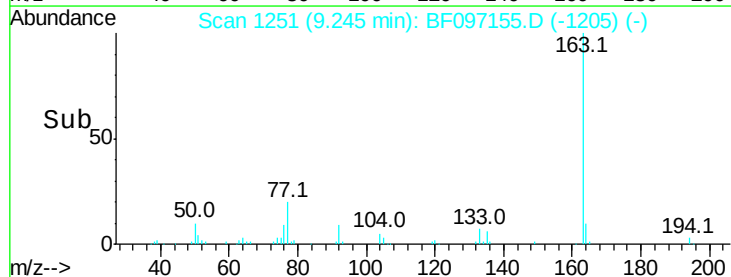
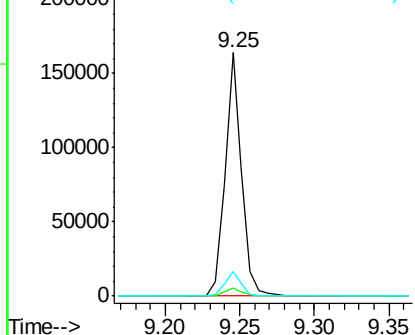


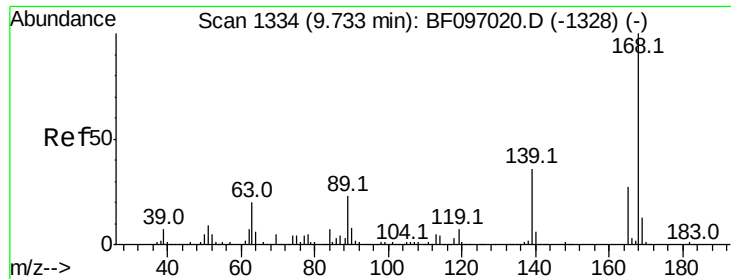
#49
 Dimethylphthalate
 Concen: 10.164 ng
 RT: 9.25 min Scan# 1251
 Delta R.T. -0.03 min
 Lab File: BF097155.D
 Acq: 28 Jul 2017 15:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.9	8.4	12.6



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

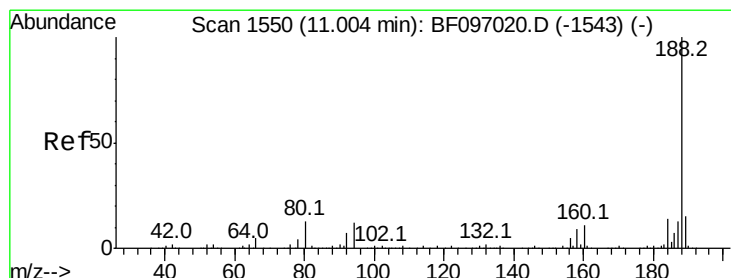
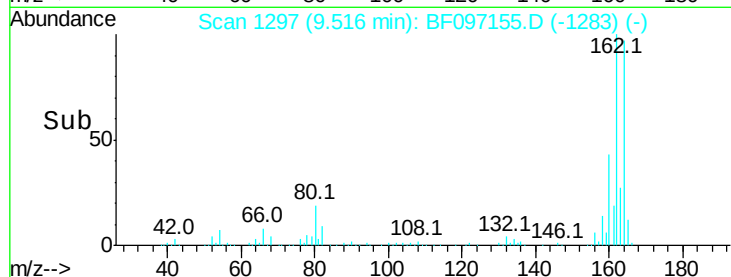
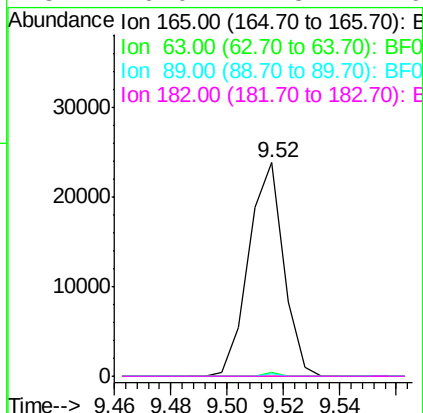
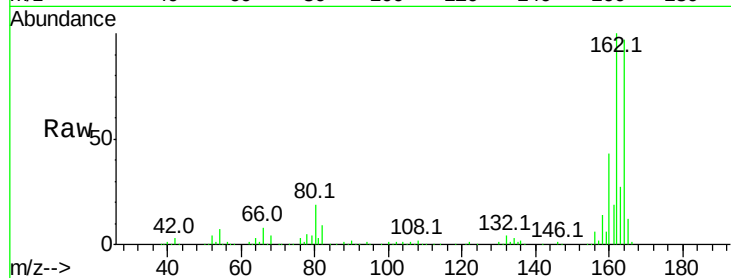




#56
 2,4-Dinitrotoluene
 Concen: 6.654 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.22 min
 Lab File: BF097155.D
 Acq: 28 Jul 2017 15:33

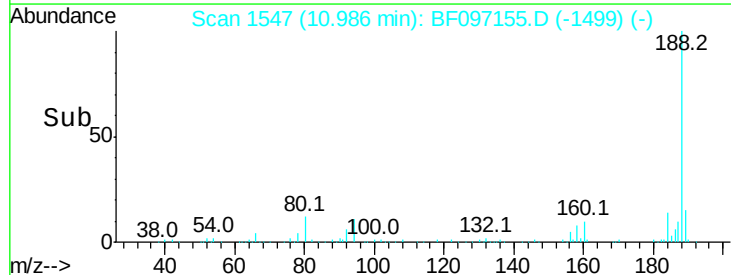
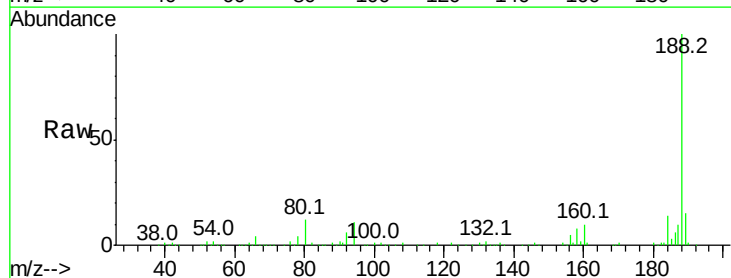
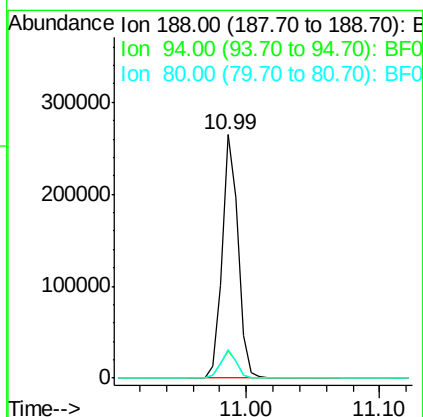
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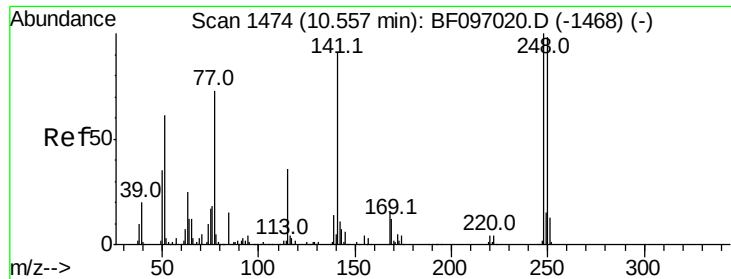
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.99 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF097155.D
 Acq: 28 Jul 2017 15:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	11.7	10.2	15.2

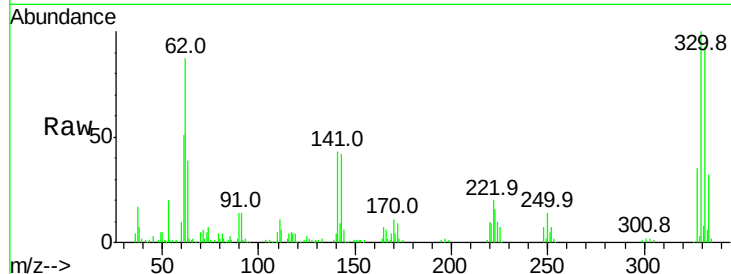




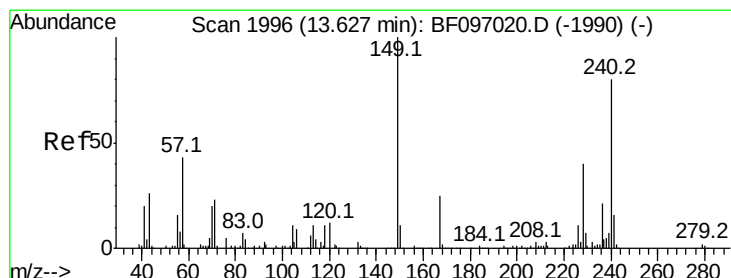
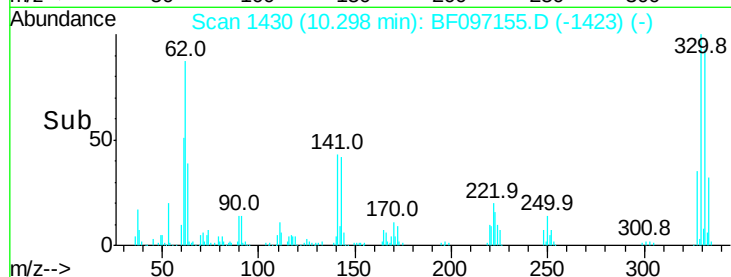
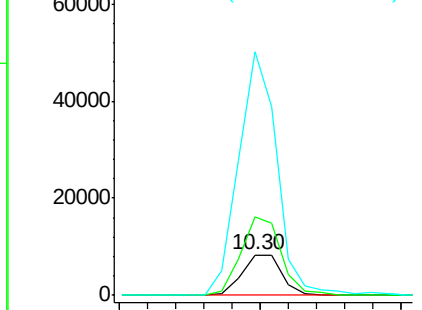
#66
 4-Bromophenyl-phenylether
 Concen: 3.623 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.26 min
 Lab File: BF097155.D
 Acq: 28 Jul 2017 15:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A3-A4-A5-A6

Tot Ion:248 Resp: 8127
 Ion Ratio Lower Upper
 248 100
 250 194.7 76.8 115.2#
 141 606.3 68.6 103.0#

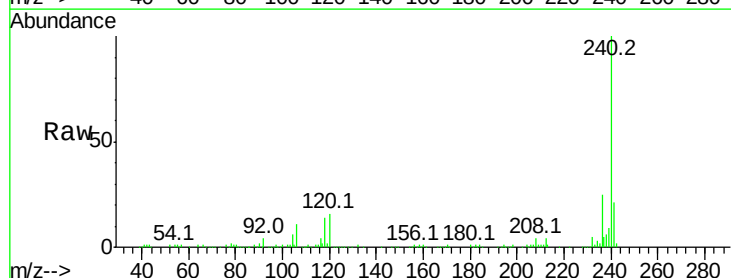


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

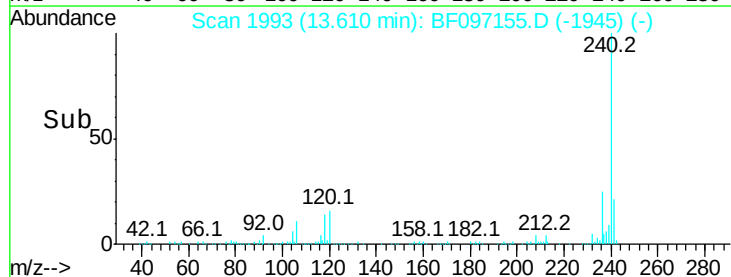
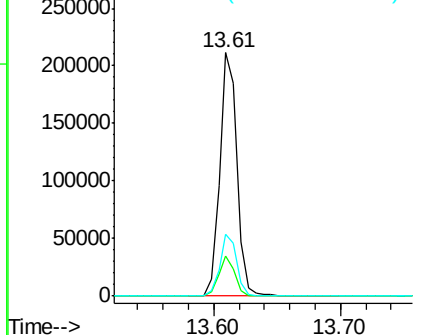


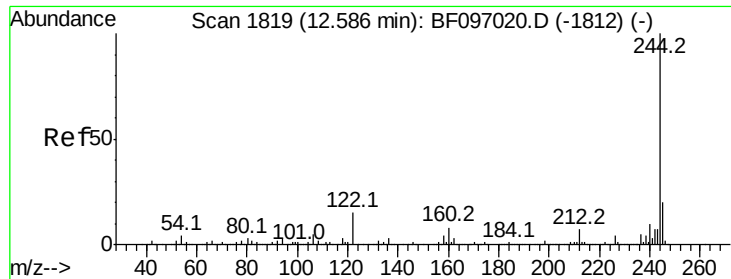
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.61 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF097155.D
 Acq: 28 Jul 2017 15:33

Tgt Ion:240 Resp: 201195
 Ion Ratio Lower Upper
 240 100
 120 16.4 5.8 8.8#
 236 25.5 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: 50.962 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF097155.D

Acq: 28 Jul 2017 15:33

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A3-A4-A5-A6

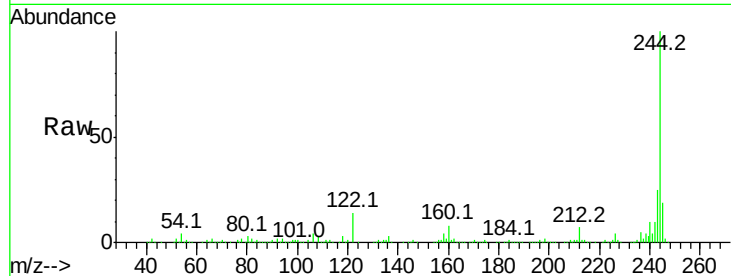
Tot Ion:244 Resp: 502900

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

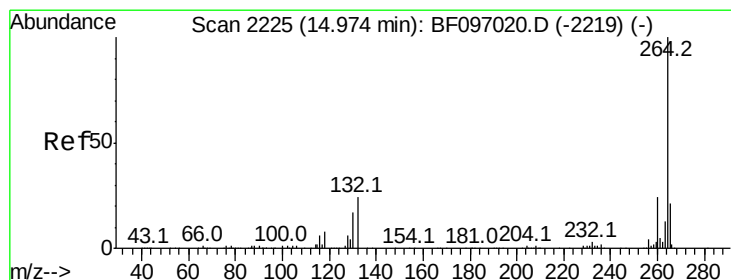
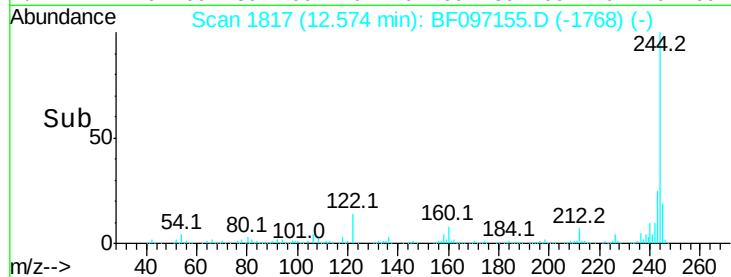
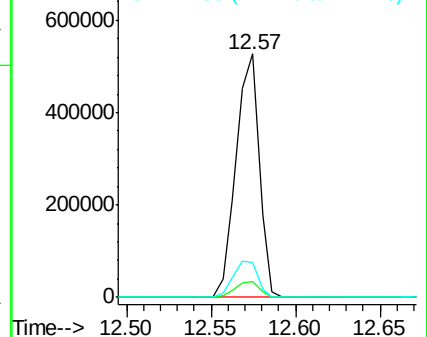
122 14.5 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 14.96 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF097155.D

Acq: 28 Jul 2017 15:33

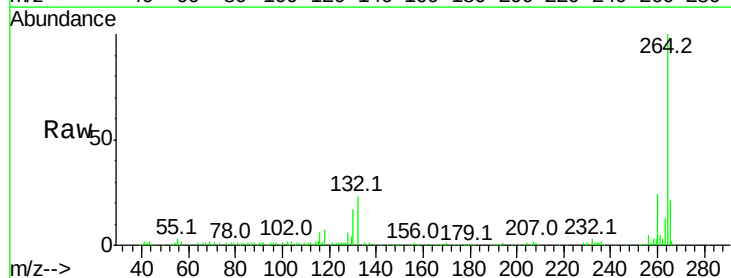
Tgt Ion:264 Resp: 154895

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 20.9 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

