

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
 Data File : BF098047.D
 Acq On : 25 Aug 2017 23:07
 Operator : SJ/JU
 Sample : I4955-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-002-B

Quant Time: Aug 26 00:29:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

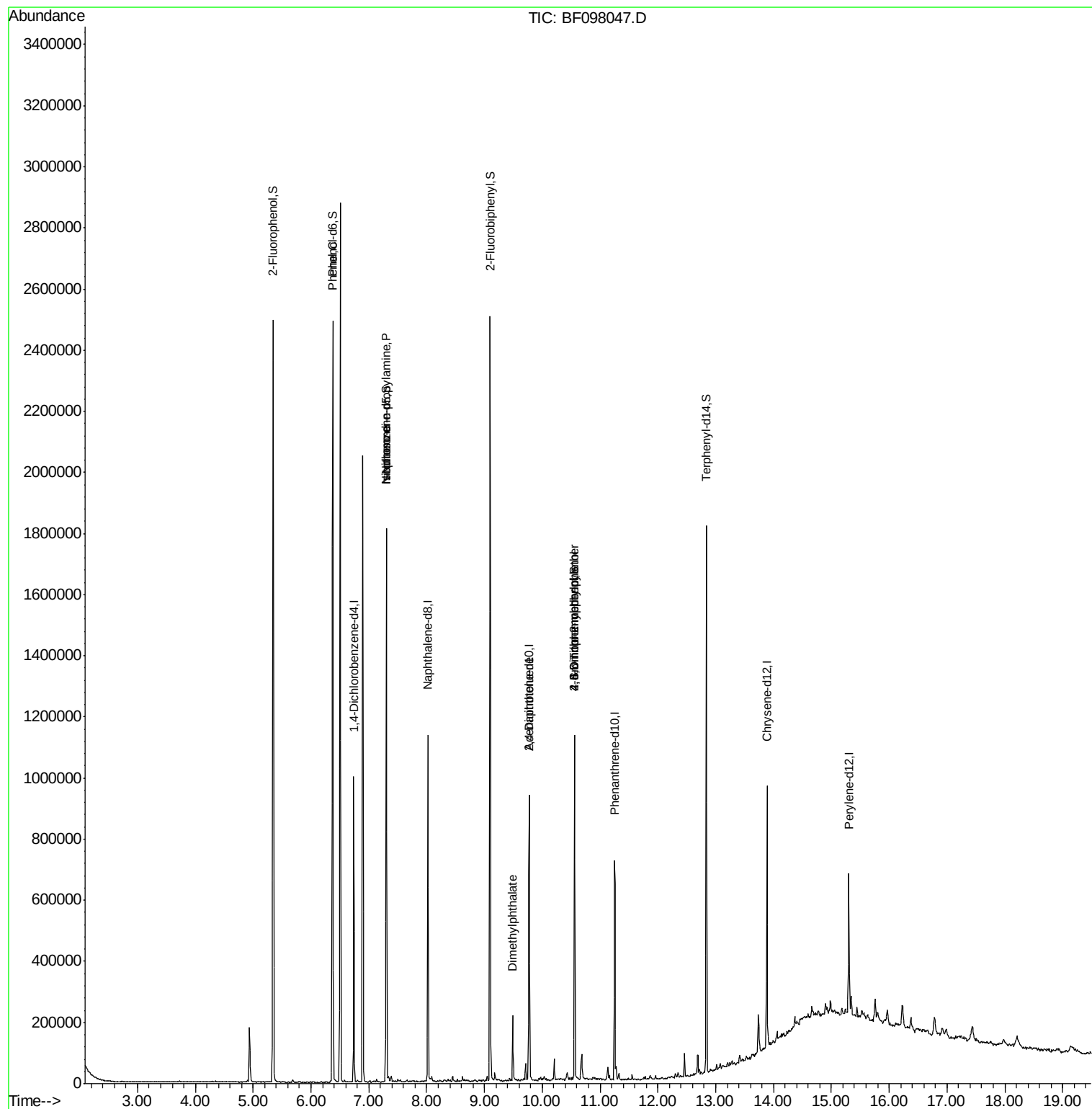
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	124702	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	453443	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	163055	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	254567	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	264629	20.00	ng	-0.01
86) Perylene-d12	15.30	264	210453	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	789355	96.28	ng	0.00
7) Phenol-d6	6.37	99	1086565	97.54	ng	-0.01
23) Nitrobenzene-d5	7.30	82	608408	72.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	109647	77.50	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	713024	64.25	ng	-0.01
78) Terphenyl-d14	12.84	244	500082	39.41	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.39	94	27956	2.15	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	82366	10.80	ng	# 72
25) Isophorone	7.30	82	601395	34.65	ng	# 67
49) Dimethylphthalate	9.49	163	71258	5.98	ng	99
56) 2,4-Dinitrotoluene	9.77	165	20080	6.73	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.56	198	127	8.41	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	7420	2.81	ng	# 1

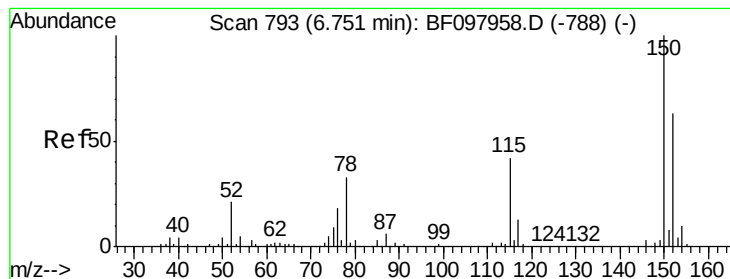
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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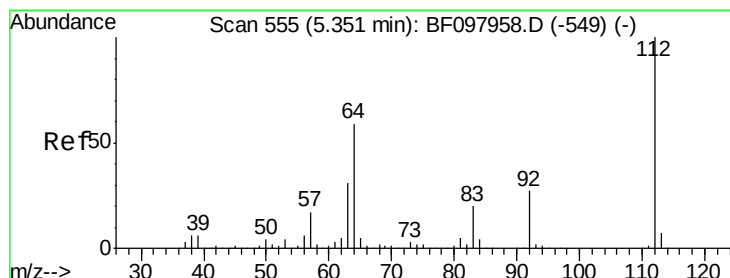
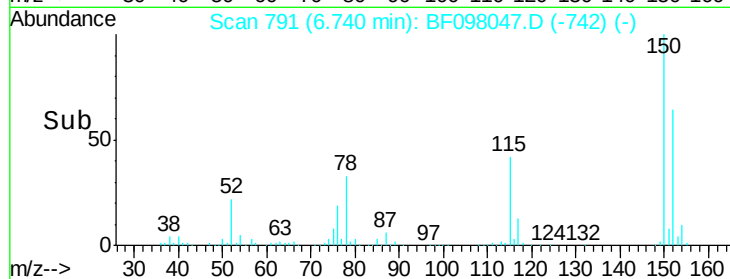
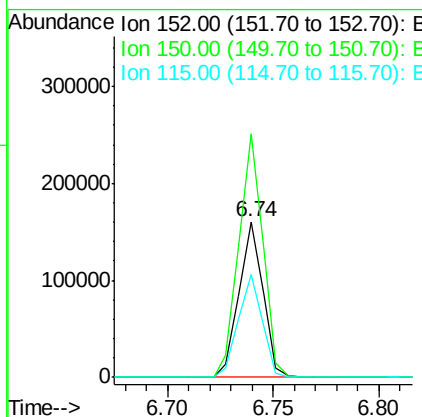
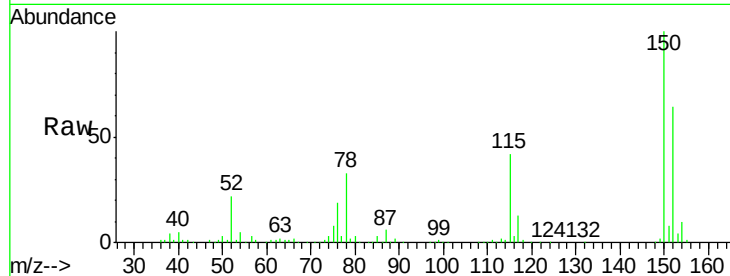


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098047.D
Acq: 25 Aug 2017 23:07

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

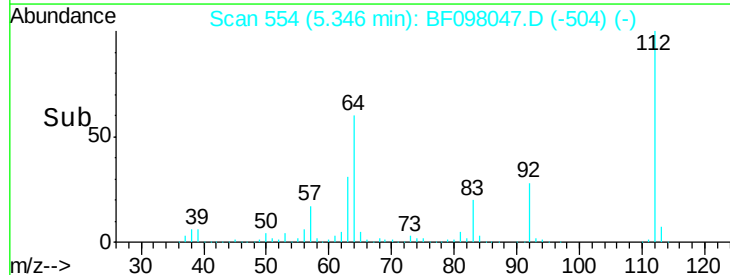
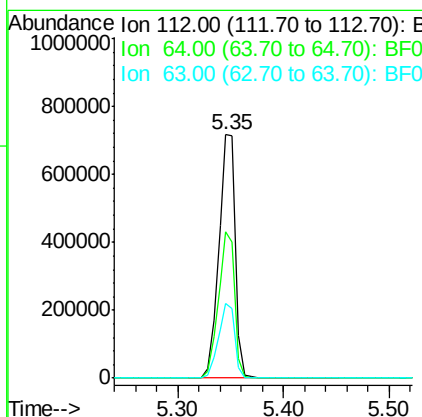
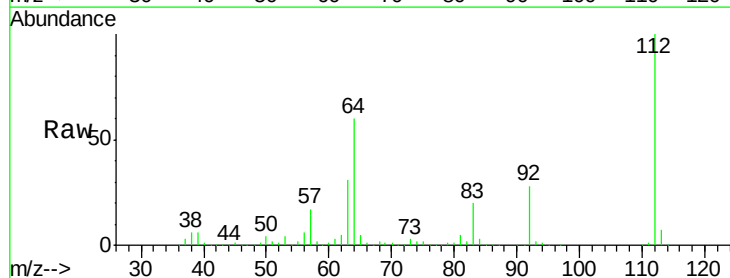
Tot Ion:152 Resp: 124702
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.2
115 66.0 52.2 78.2

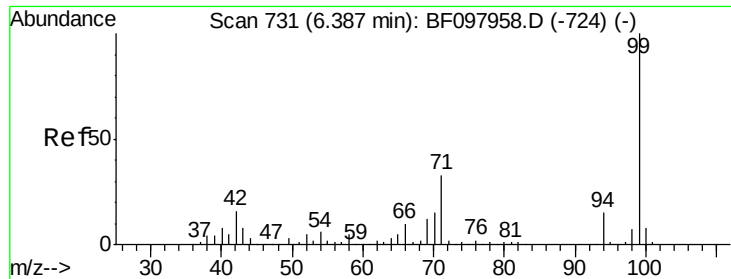


#5

2-Fluorophenol
Concen: 96.28 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF098047.D
Acq: 25 Aug 2017 23:07

Tgt Ion:112 Resp: 789355
Ion Ratio Lower Upper
112 100
64 59.9 46.0 69.0
63 30.5 23.4 35.0





#7

Phenol-d6

Concen: 97.54 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098047.D

Acq: 25 Aug 2017 23:07

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-002-B

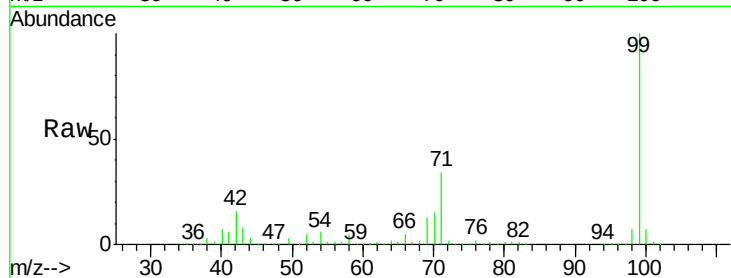
Tot Ion: 99 Resp: 1086565

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

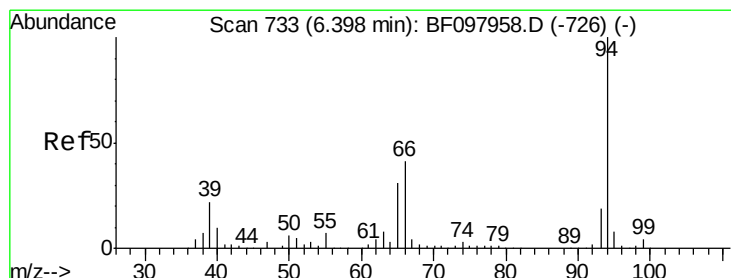
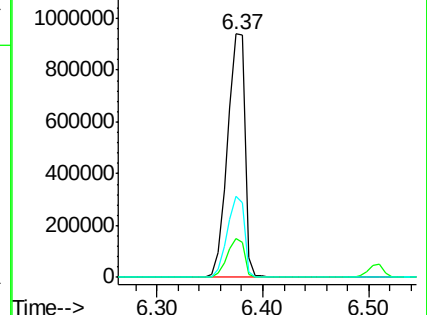
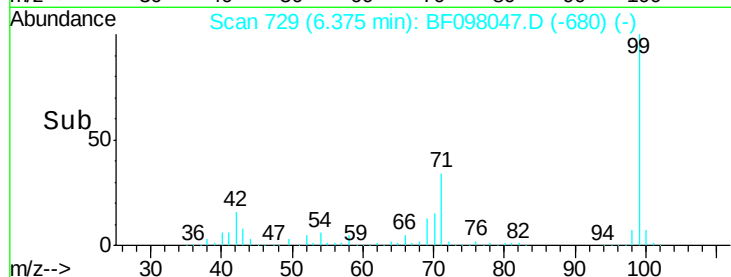
71 33.5 24.5 36.7



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: 2.15 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF098047.D

Acq: 25 Aug 2017 23:07

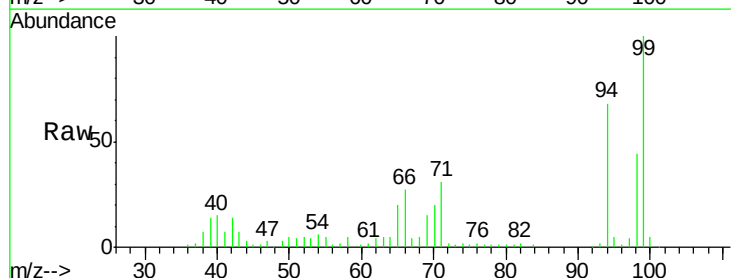
Tgt Ion: 94 Resp: 27956

Ion Ratio Lower Upper

94 100

65 29.5 9.9 49.9

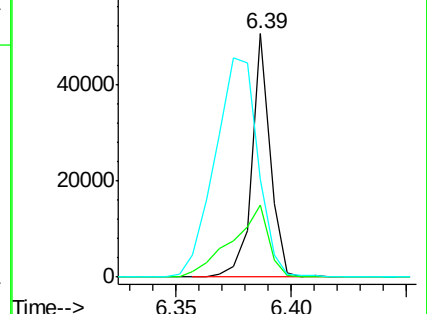
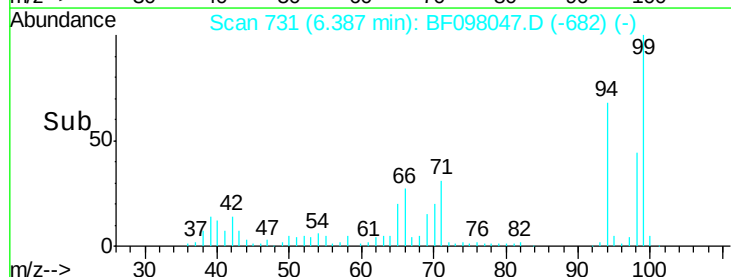
66 40.1 23.1 63.1

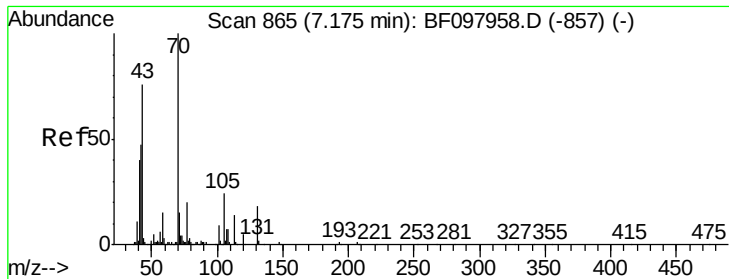


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

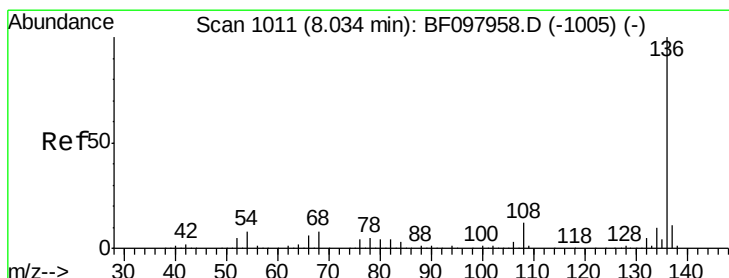
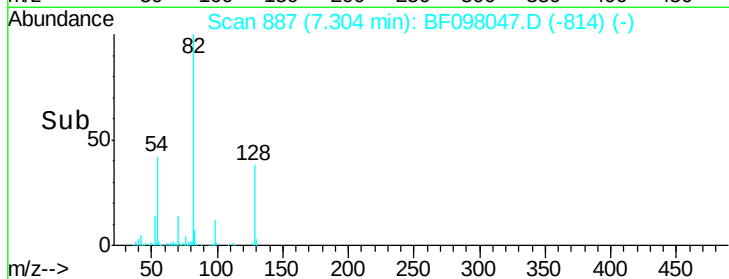
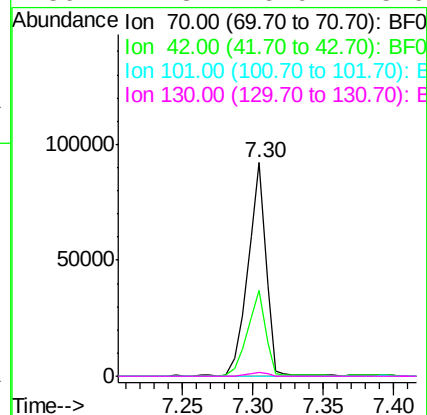
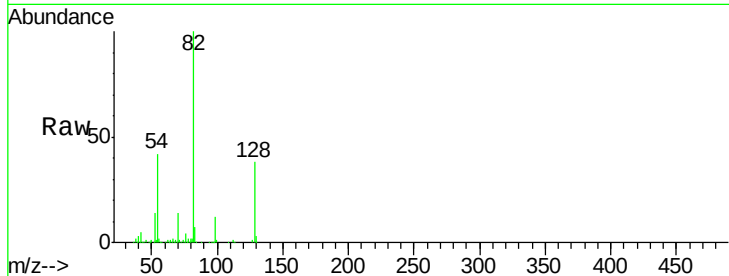




#19
n-Nitroso-di-n-propylamine
Concen: 10.80 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF098047.D
Acq: 25 Aug 2017 23:07

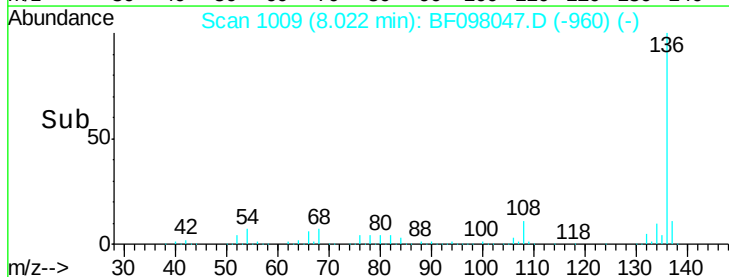
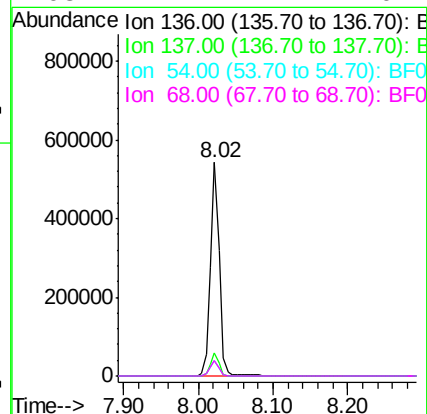
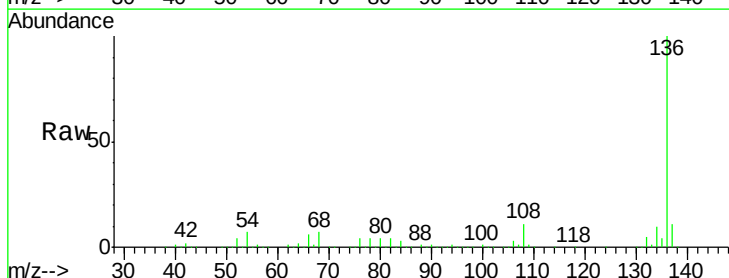
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

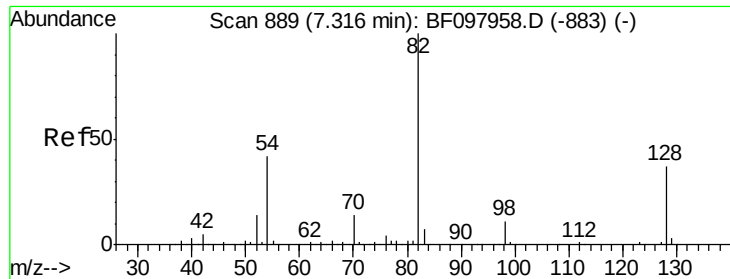
Tot Ion: 70 Resp: 82366
Ion Ratio Lower Upper
70 100
42 40.0 47.2 70.8#
101 0.0 7.2 10.8#
130 1.8 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098047.D
Acq: 25 Aug 2017 23:07

Tgt Ion: 136 Resp: 453443
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 7.5 4.9 7.3#
68 7.1 4.1 6.1#

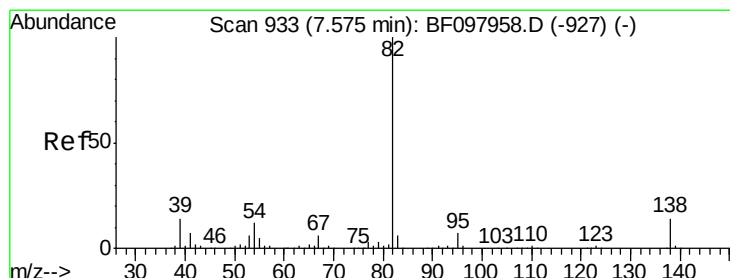
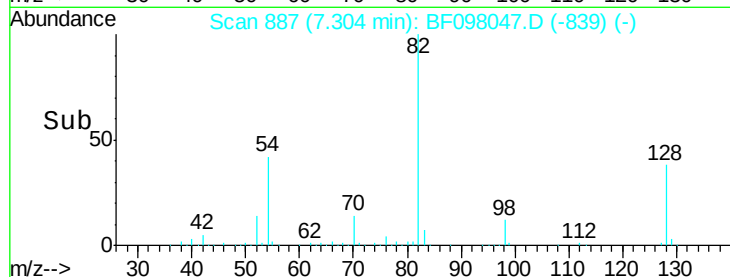
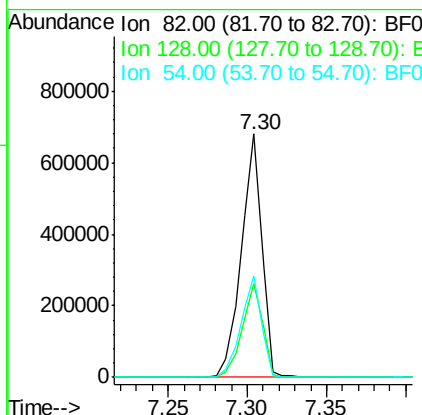
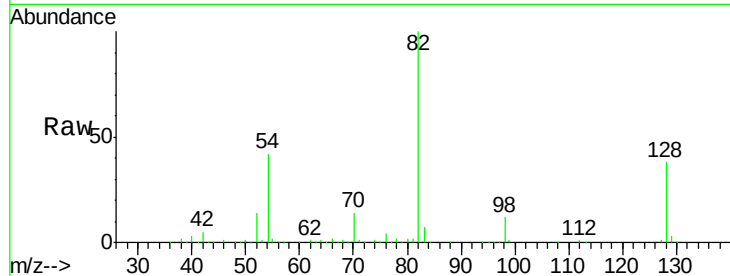




#23
 Nitrobenzene-d5
 Concen: 72.89 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098047.D
 Acq: 25 Aug 2017 23:07

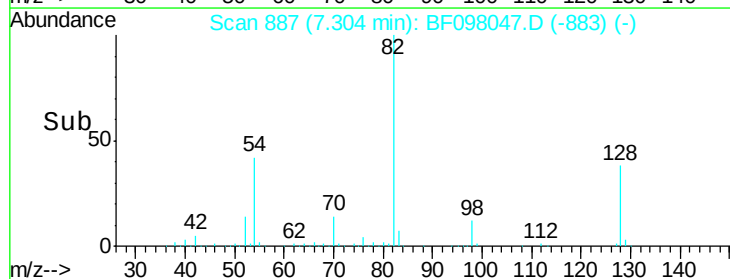
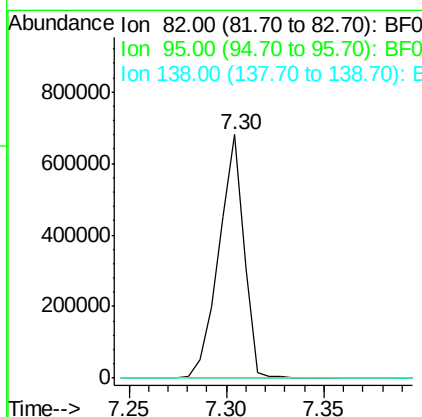
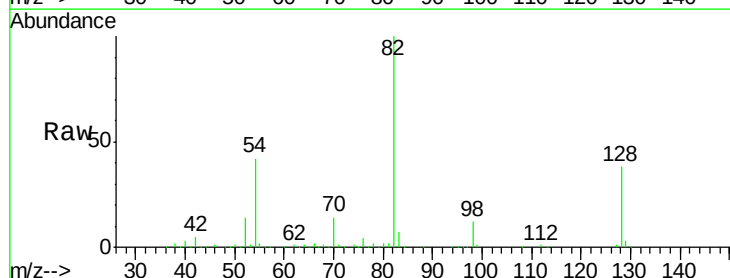
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-002-B

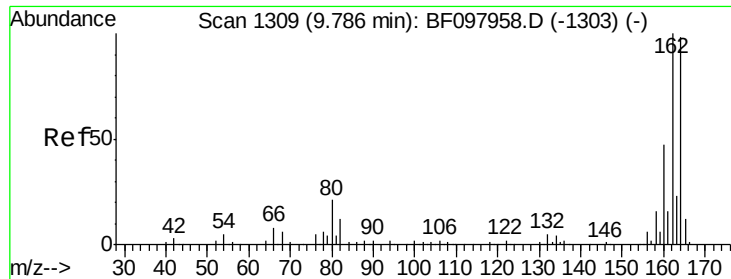
Tot Ion	82	Resp	608408
Ion Ratio	100	Lower	Upper
128	38.3	34.0	51.0
54	42.0	42.2	63.2#



#25
 Isophorone
 Concen: 34.65 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.28 min
 Lab File: BF098047.D
 Acq: 25 Aug 2017 23:07

Tgt Ion	82	Resp	601395
Ion Ratio	100	Lower	Upper
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

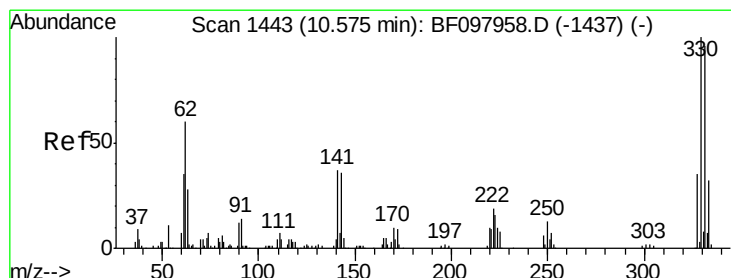
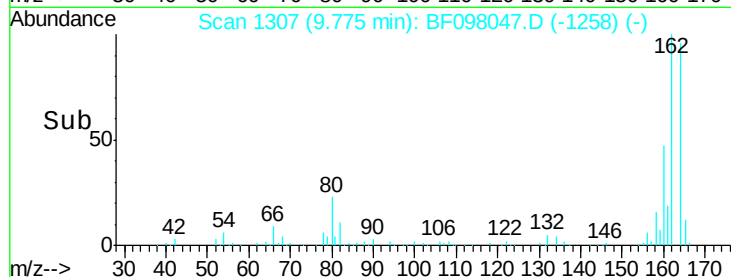
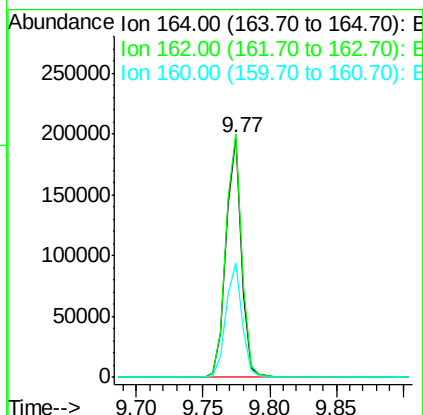
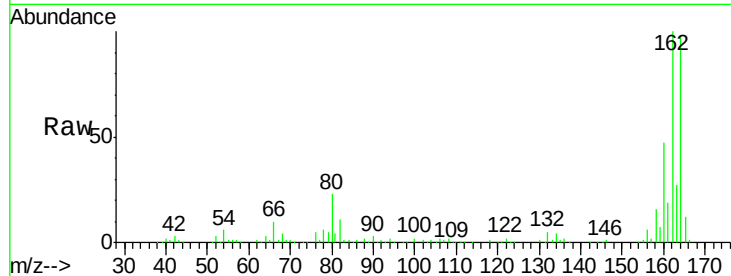




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098047.D
Acq: 25 Aug 2017 23:07

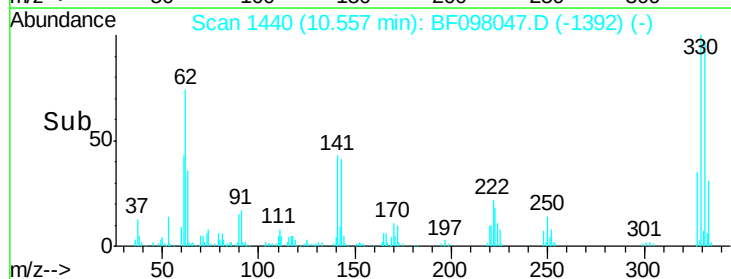
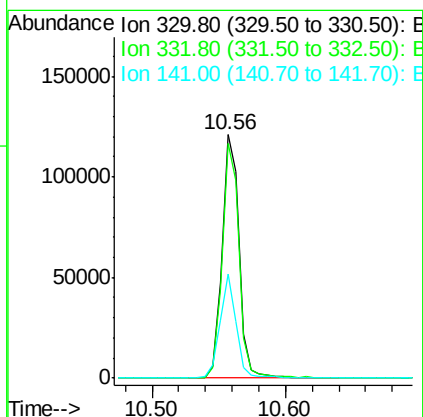
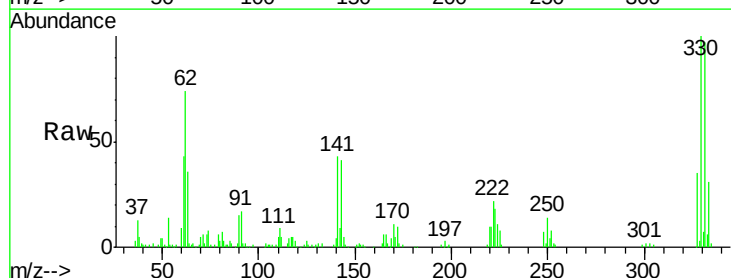
Instrument :
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ClientSampleId :
FK-SF-03-002-B

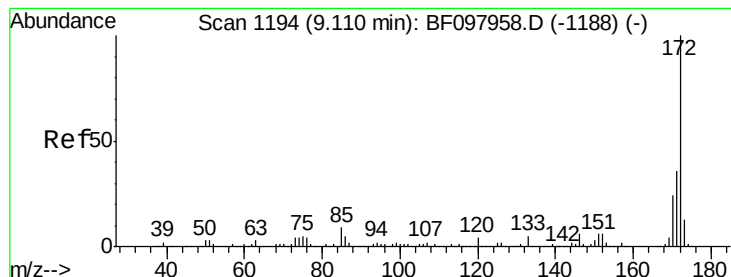
Tot Ion:164 Resp: 163055
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 47.9 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 77.50 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF098047.D
Acq: 25 Aug 2017 23:07

Tgt Ion:330 Resp: 109647
Ion Ratio Lower Upper
330 100
332 95.5 76.6 115.0
141 40.5 31.4 47.2





#44

2-Fluorobiphenyl

Concen: 64.25 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF098047.D

Acq: 25 Aug 2017 23:07

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-002-B

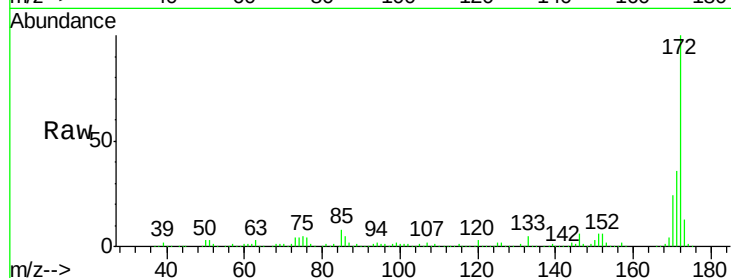
Tot Ion:172 Resp: 713024

Ion Ratio Lower Upper

172 100

171 35.7 29.6 44.4

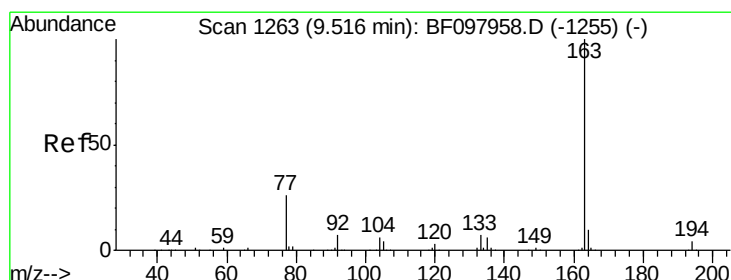
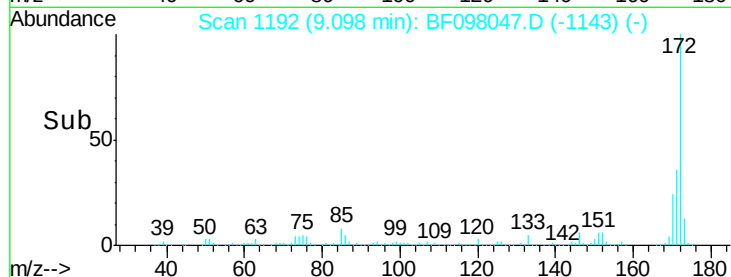
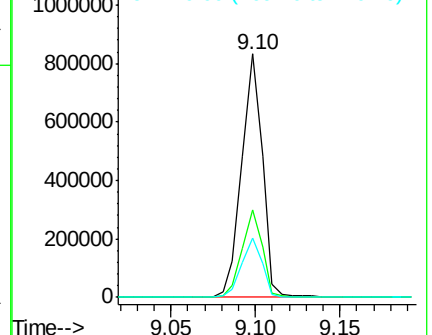
170 24.2 19.8 29.8



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: 5.98 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF098047.D

Acq: 25 Aug 2017 23:07

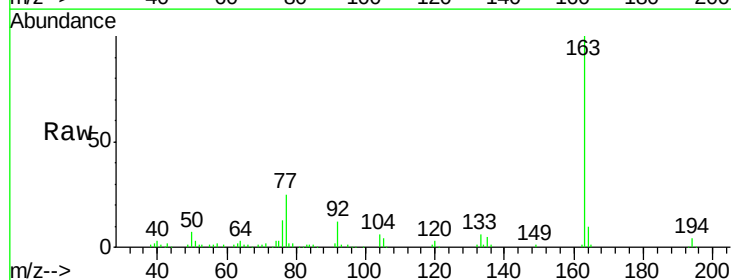
Tgt Ion:163 Resp: 71258

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

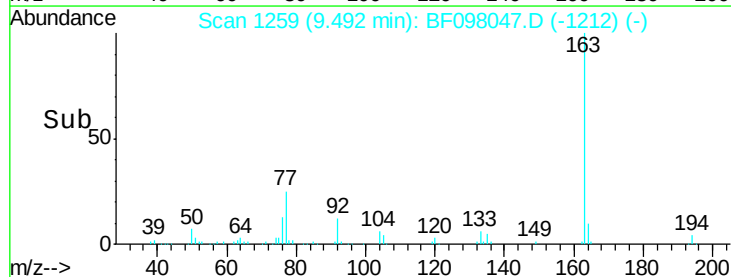
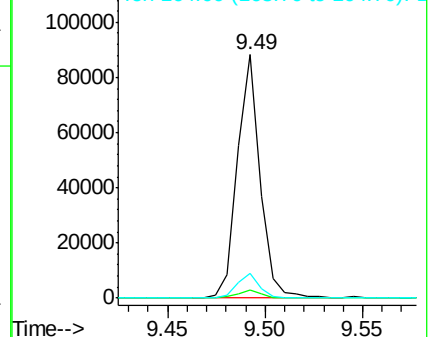
164 10.0 8.4 12.6

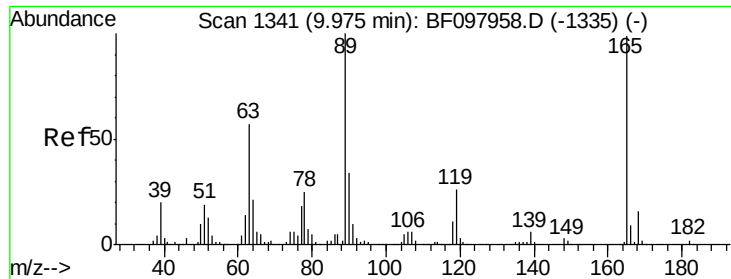


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

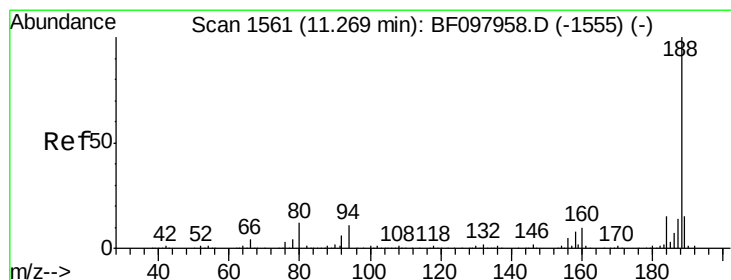
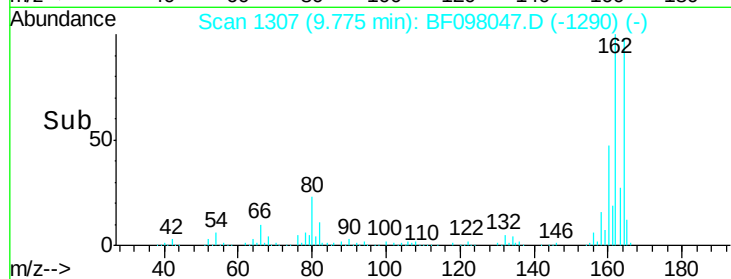
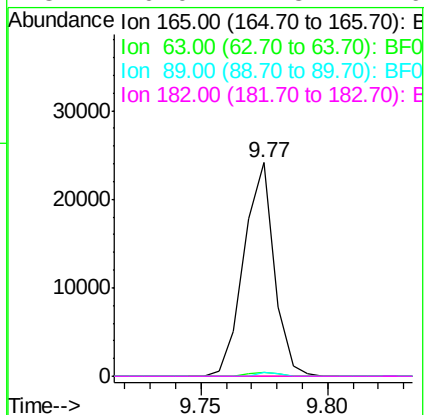
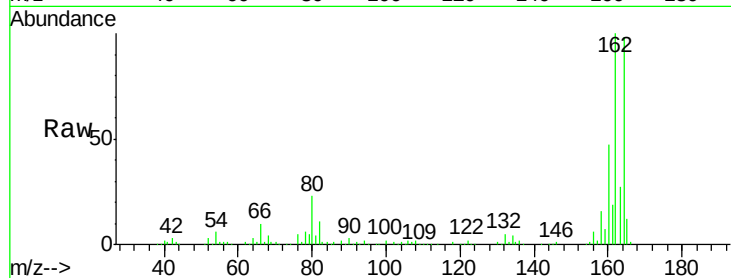




#56
 2,4-Dinitrotoluene
 Concen: 6.73 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF098047.D
 Acq: 25 Aug 2017 23:07

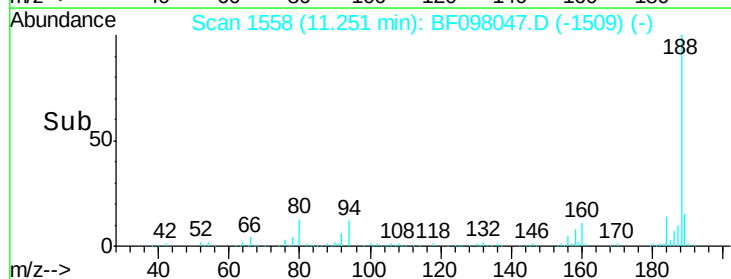
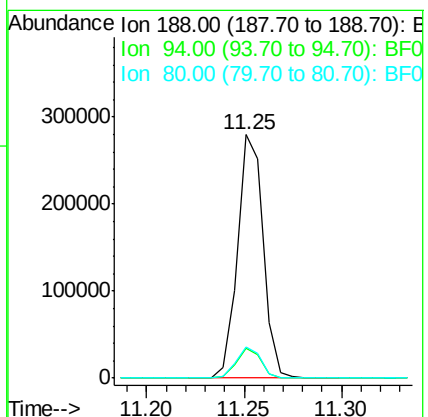
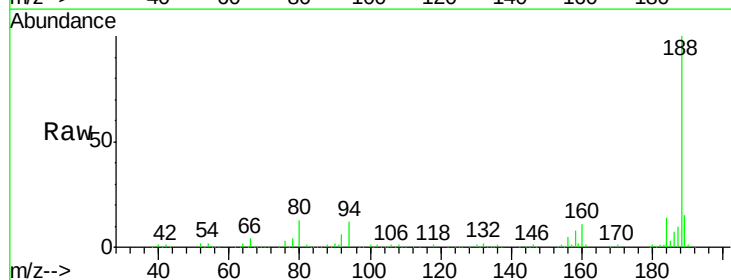
Instrument :
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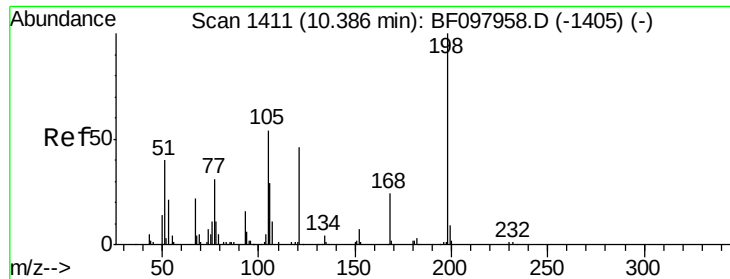
Tot Ion:	165	Resp:	20080
Ion Ratio	Lower	Upper	
165	100		
63	2.1	25.4	38.0#
89	2.1	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF098047.D
 Acq: 25 Aug 2017 23:07

Tgt Ion:	188	Resp:	254567
Ion Ratio	Lower	Upper	
188	100		
94	12.3	9.4	14.2
80	13.0	10.2	15.2

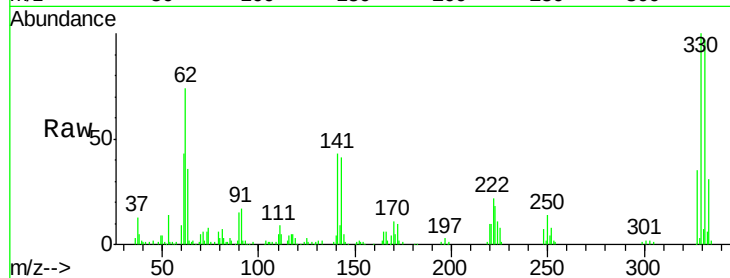




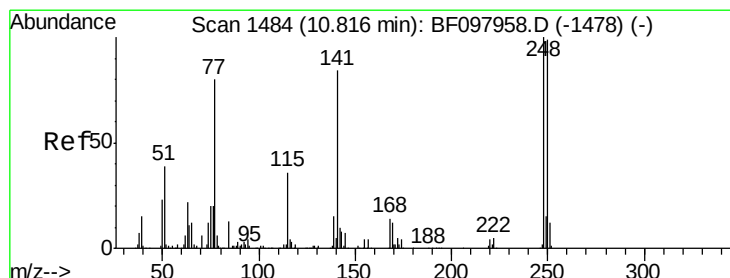
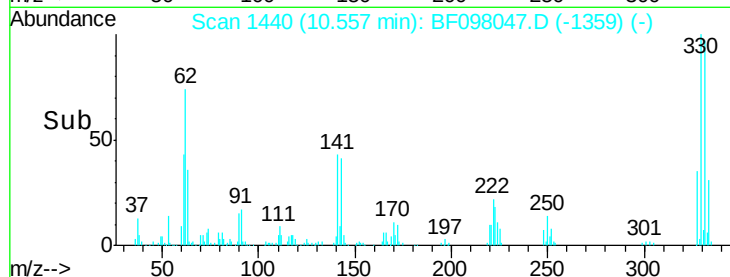
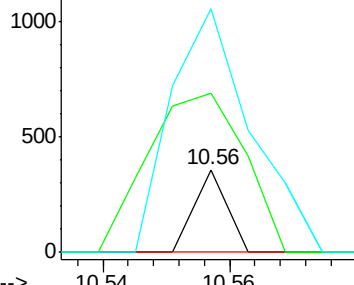
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.41 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.18 min
 Lab File: BF098047.D
 Acq: 25 Aug 2017 23:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-002-B

Tot Ion:198 Resp: 127
 Ion Ratio Lower Upper
 198 100
 51 192.2 53.2 93.2#
 105 294.2 45.8 85.8#

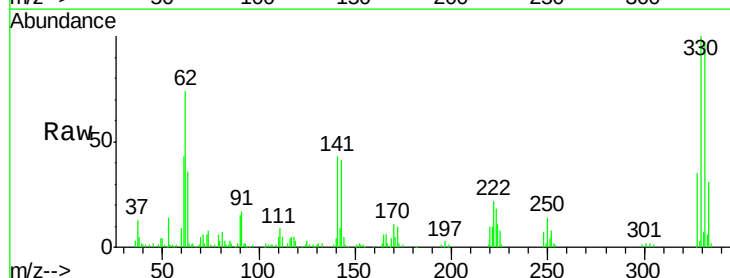


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

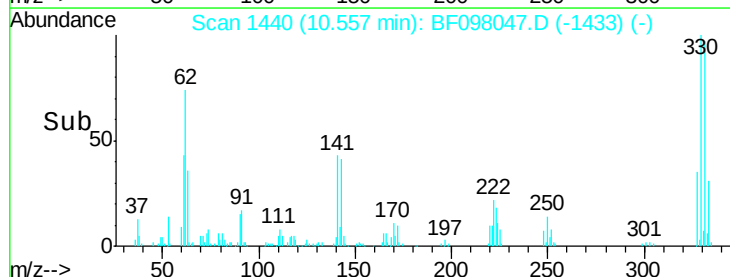
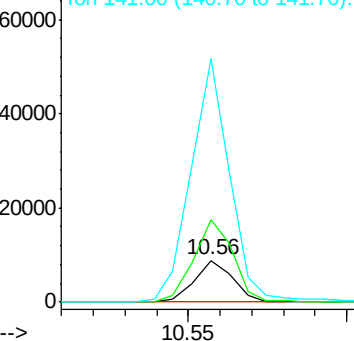


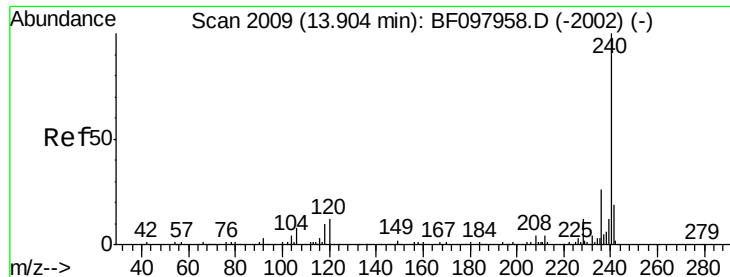
#66
 4-Bromophenyl-phenylether
 Concen: 2.81 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.26 min
 Lab File: BF098047.D
 Acq: 25 Aug 2017 23:07

Tgt Ion:248 Resp: 7420
 Ion Ratio Lower Upper
 248 100
 250 196.6 76.8 115.2#
 141 585.0 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: 20.00 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098047.D

Acq: 25 Aug 2017 23:07

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-002-B

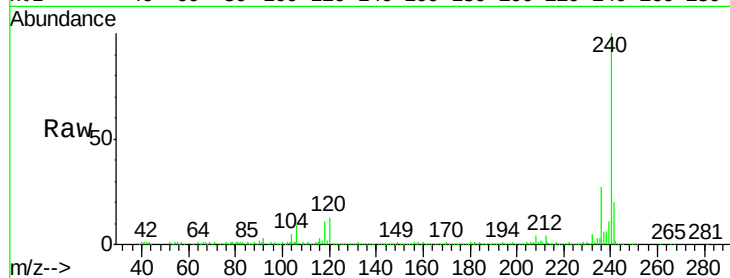
Tot Ion:240 Resp: 264629

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

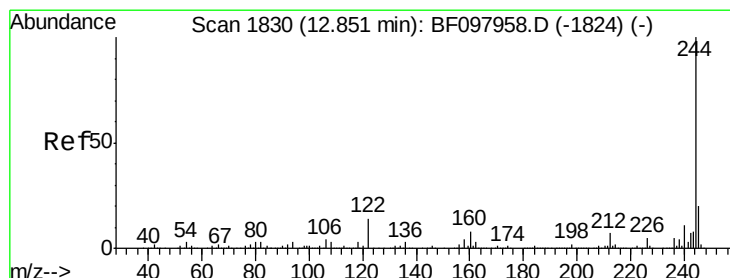
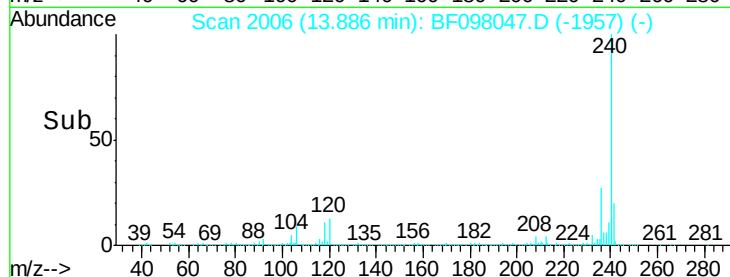
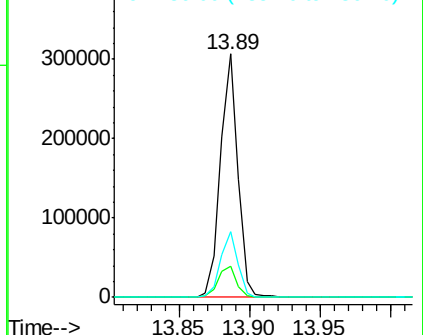
236 27.1 20.5 30.7



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: 39.41 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098047.D

Acq: 25 Aug 2017 23:07

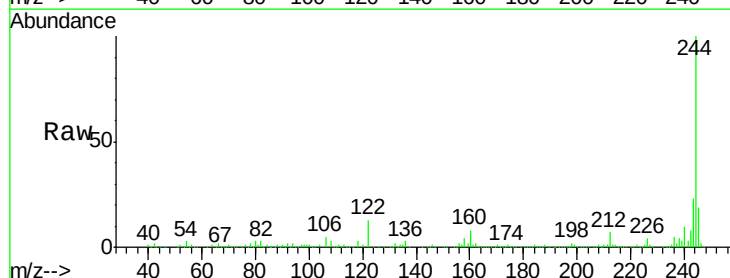
Tgt Ion:244 Resp: 500082

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

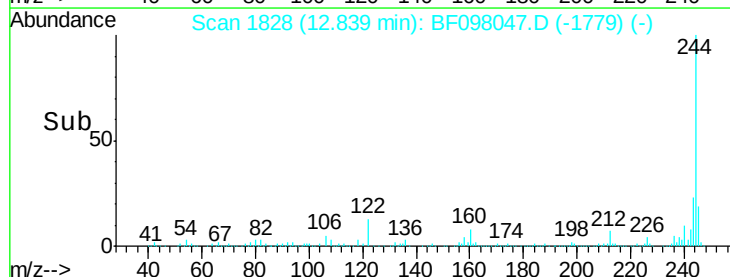
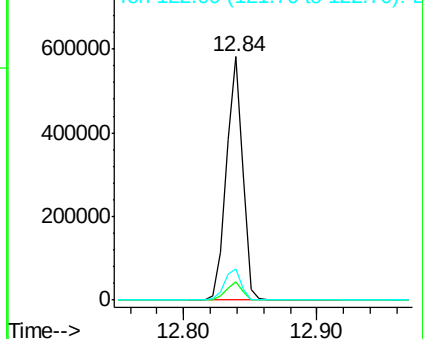
122 12.9 10.3 15.5

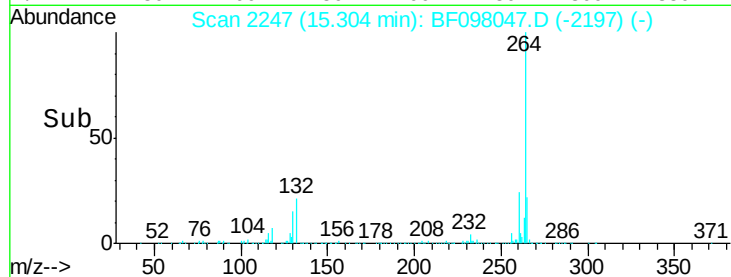
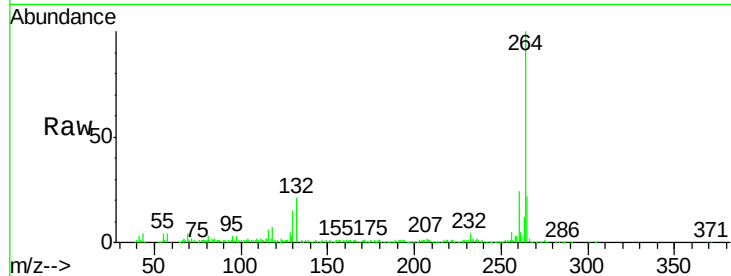
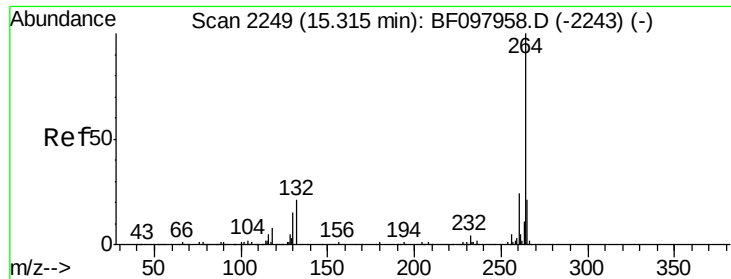


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF098047.D
Acq: 25 Aug 2017 23:07

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.0	17.2	25.8

