

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097494.D
 Acq On : 9 Aug 2017 3:15
 Operator : SJ/JU
 Sample : I4652-02 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 04:49:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

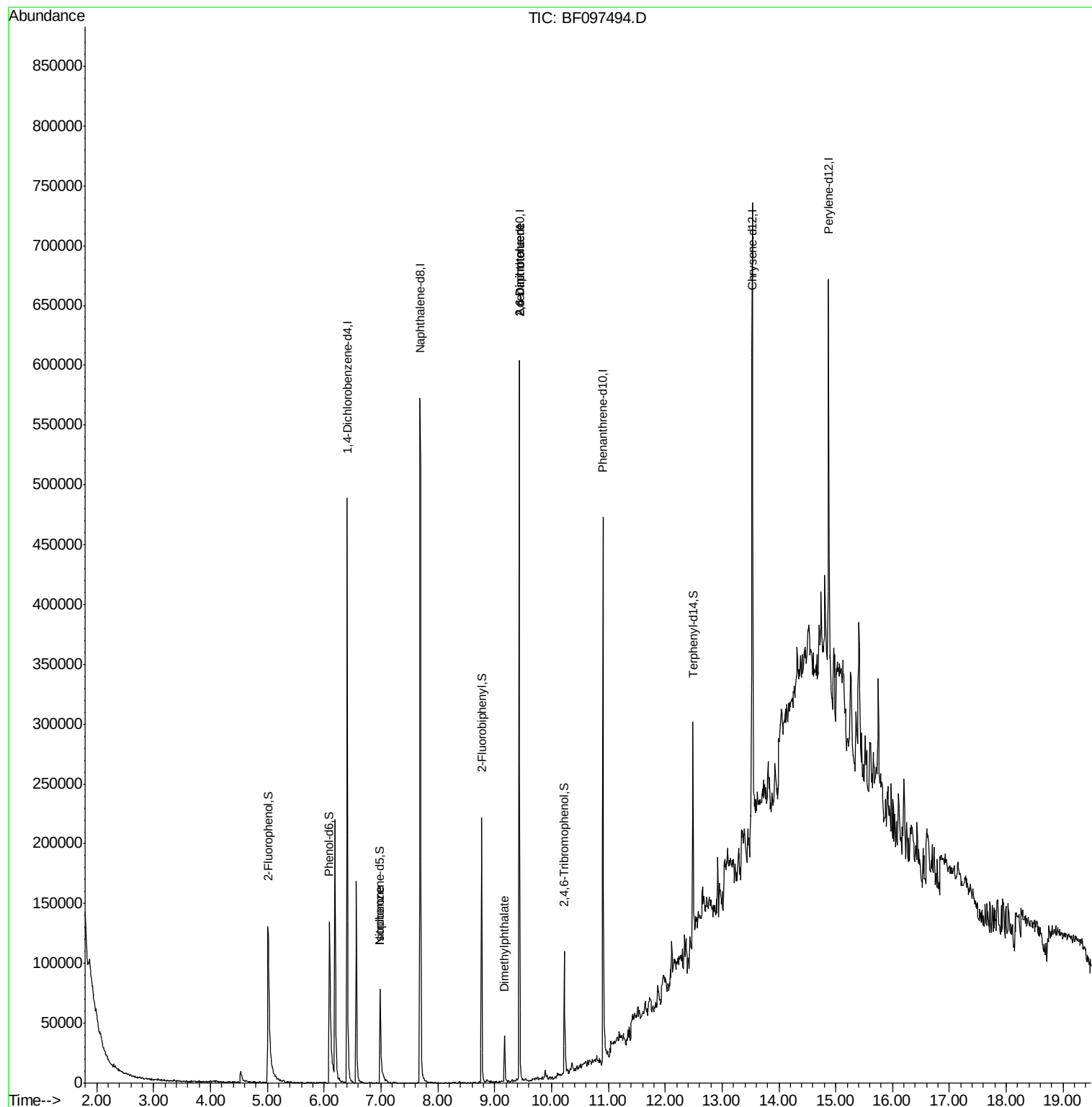
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	75794	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	290504	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	106853	20.00	ng	0.00
63) Phenanthrene-d10	10.90	188	171518	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	175634	20.00	ng	0.00
86) Perylene-d12	14.87	264	123249	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.01	112	82446	16.40	ng	0.00
7) Phenol-d6	6.09	99	96538	16.82	ng	0.00
23) Nitrobenzene-d5	6.99	82	44492	8.98	ng	0.00
41) 2,4,6-Tribromophenol	10.23	330	13223	15.66	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	74807	11.88	ng	0.00
78) Terphenyl-d14	12.49	244	54841	6.37	ng	-0.01
Target Compounds						
25) Isophorone	6.99	82	44492	4.59	ng	# 67
49) Dimethylphthalate	9.17	163	19307	2.38	ng	98
50) 2,6-Dinitrotoluene	9.43	165	12952	7.53	ng	# 33
56) 2,4-Dinitrotoluene	9.43	165	12952	6.55	ng	# 32

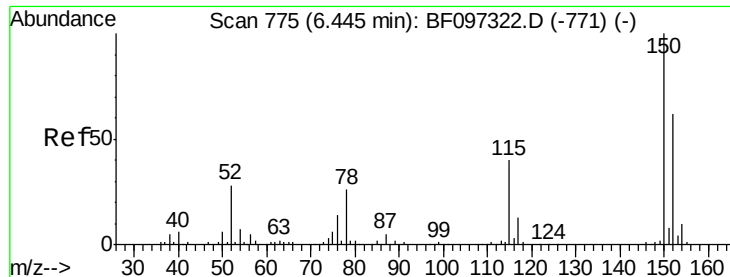
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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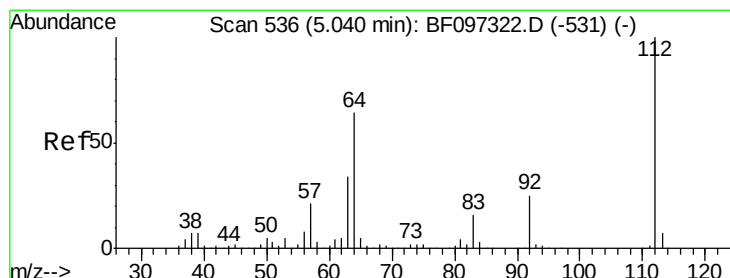
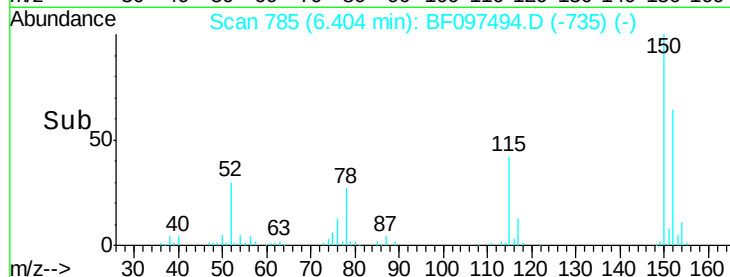
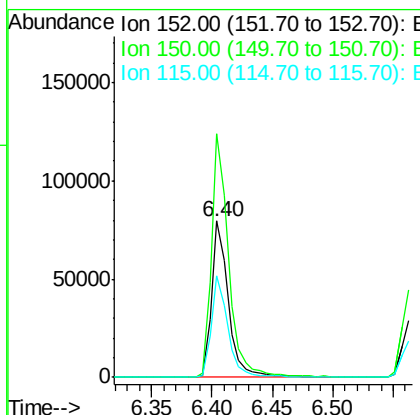
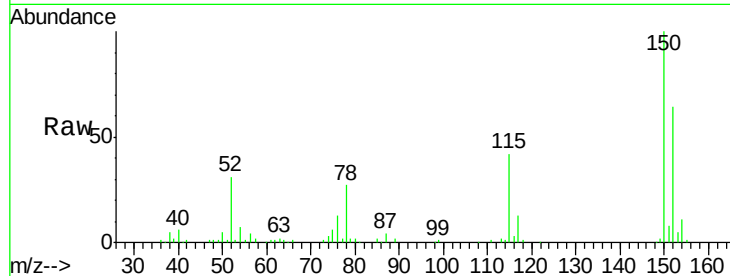


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097494.D
Acq: 9 Aug 2017 3:15

Instrument :
BNA_F
ClientSampleId :

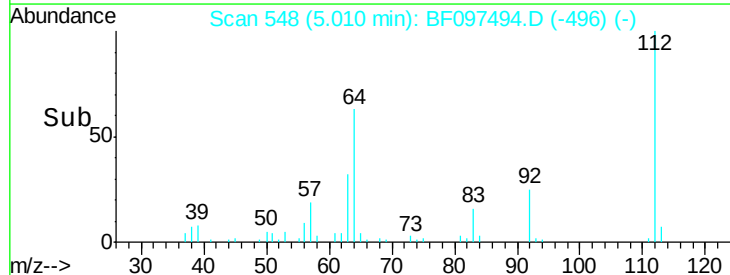
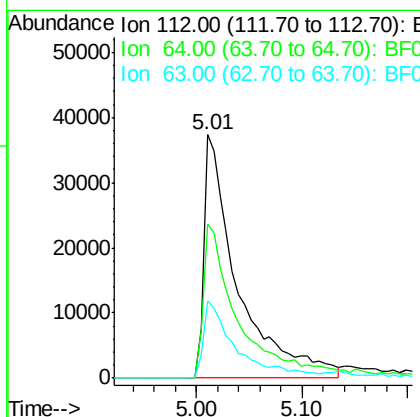
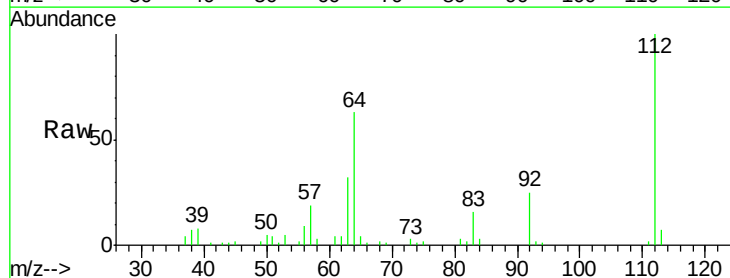
Tot Ion:152 Resp: 75794
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.2
115 64.8 52.2 78.2

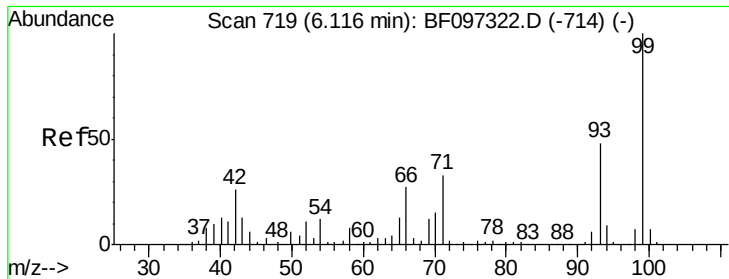


#5

2-Fluorophenol
Concen: 16.40 ng
RT: 5.01 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF097494.D
Acq: 9 Aug 2017 3:15

Tgt Ion:112 Resp: 82446
Ion Ratio Lower Upper
112 100
64 63.4 46.0 69.0
63 32.0 23.4 35.0





#7

Phenol-d6

Concen: 16.82 ng

RT: 6.09 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF097494.D

Acq: 9 Aug 2017 3:15

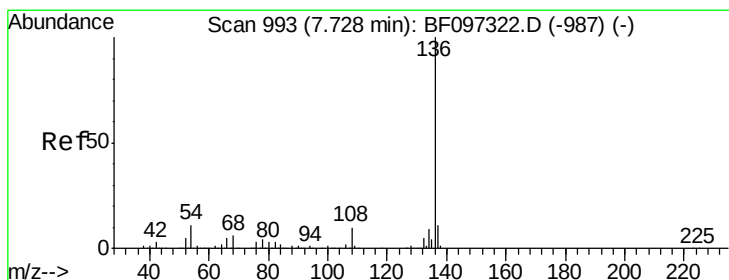
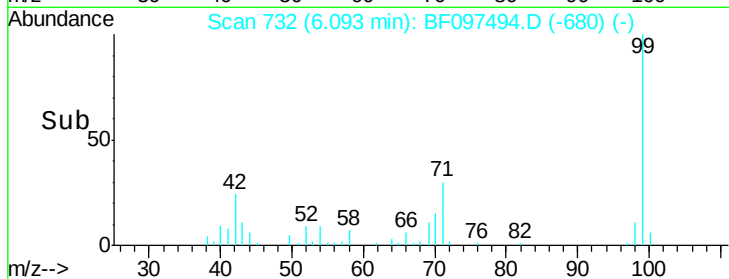
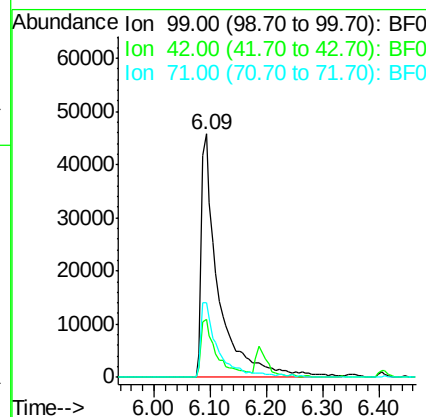
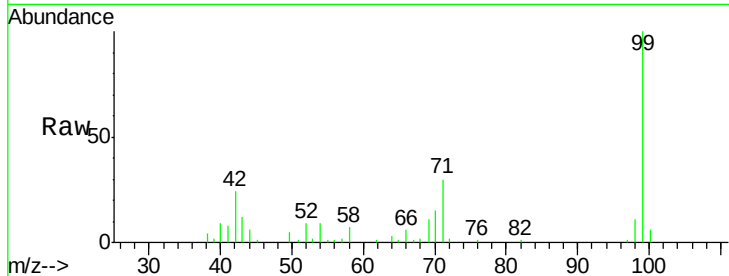
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 96538

Ion	Ratio	Lower	Upper
99	100		
42	23.6	13.5	20.3#
71	30.5	24.5	36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.69 min Scan# 1003

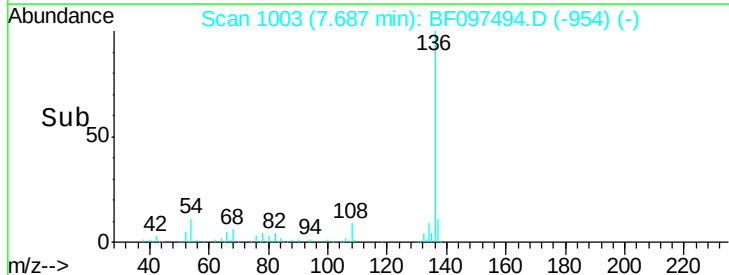
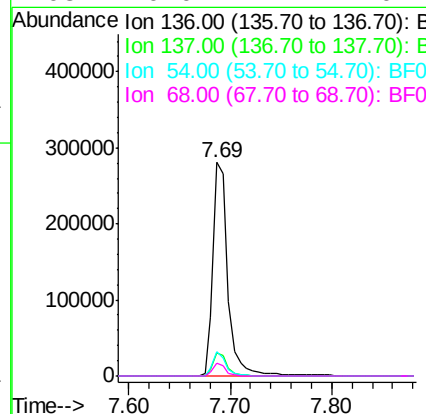
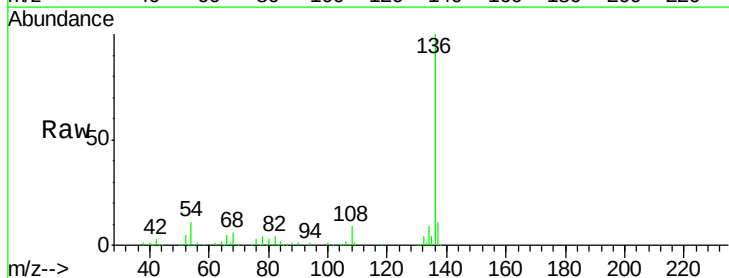
Delta R.T. -0.01 min

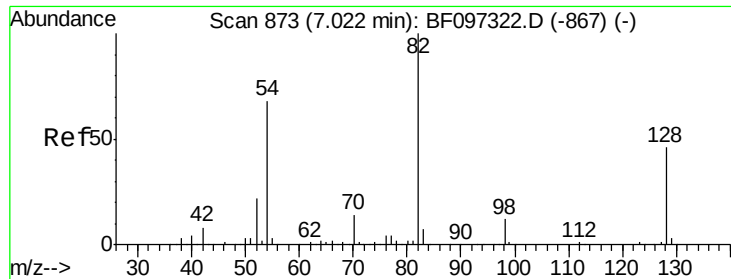
Lab File: BF097494.D

Acq: 9 Aug 2017 3:15

Tgt Ion: 136 Resp: 290504

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	11.3	4.9	7.3#
68	6.0	4.1	6.1

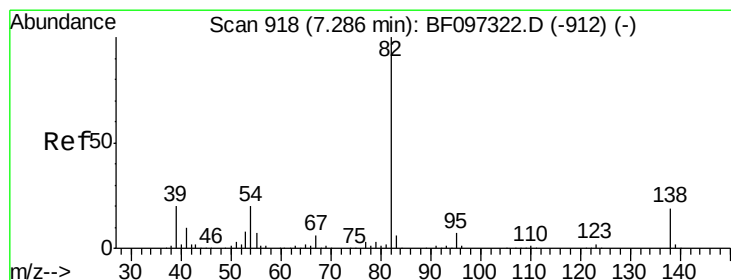
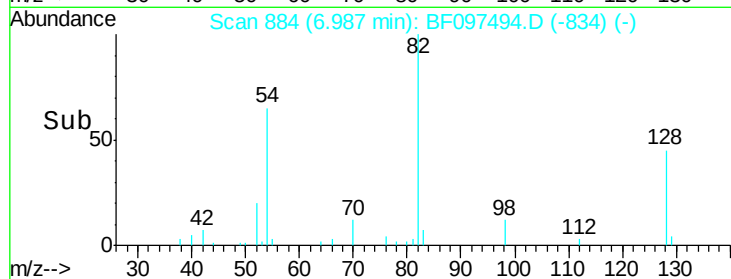
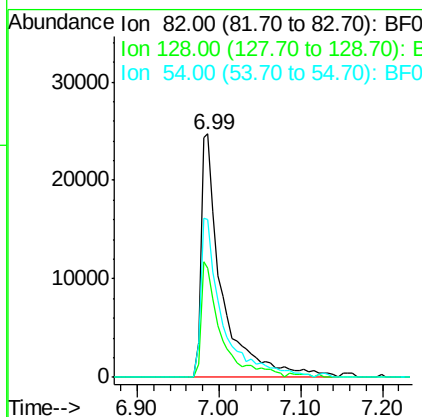
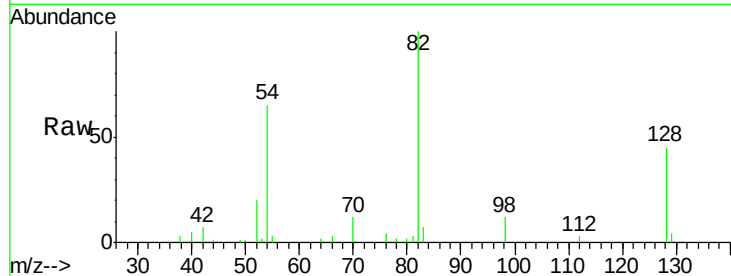




#23
 Nitrobenzene-d5
 Concen: 8.98 ng
 RT: 6.99 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF097494.D
 Acq: 9 Aug 2017 3:15

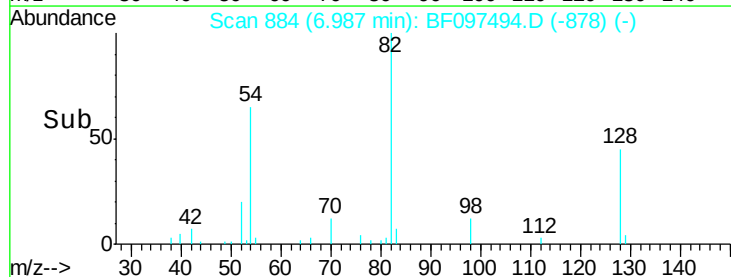
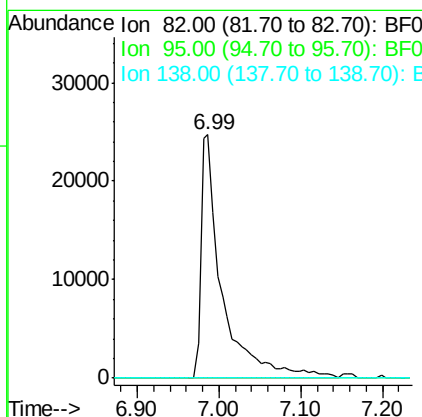
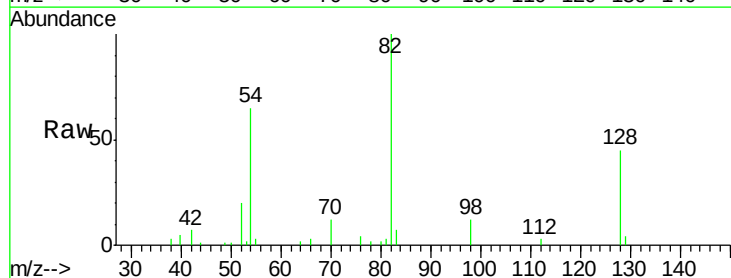
Instrument :
 BNA_F
 ClientSampleId :

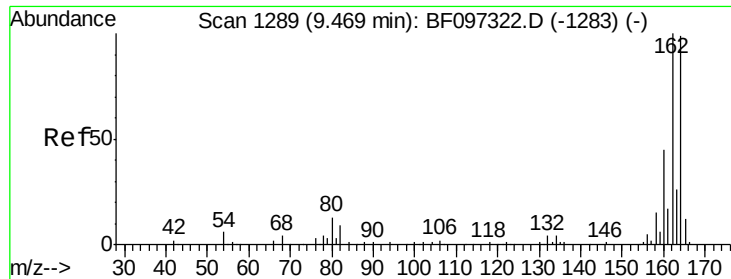
Tot Ion: 82 Resp: 44492
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.0 51.0
 54 64.8 42.2 63.2#



#25
 Isophorone
 Concen: 4.59 ng
 RT: 6.99 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF097494.D
 Acq: 9 Aug 2017 3:15

Tgt Ion: 82 Resp: 44492
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

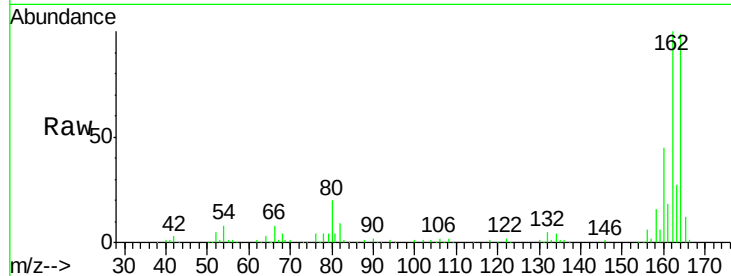




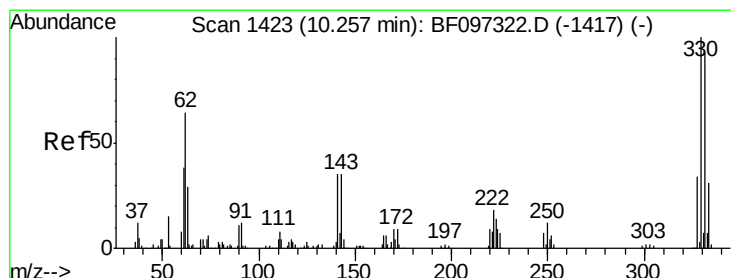
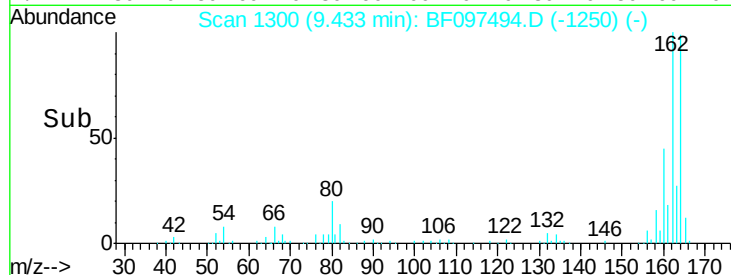
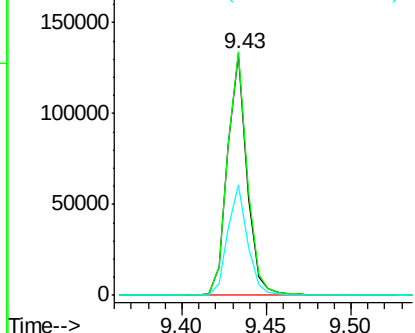
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097494.D
Acq: 9 Aug 2017 3:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 106853
Ion Ratio Lower Upper
164 100
162 100.9 82.6 123.8
160 45.8 36.2 54.2

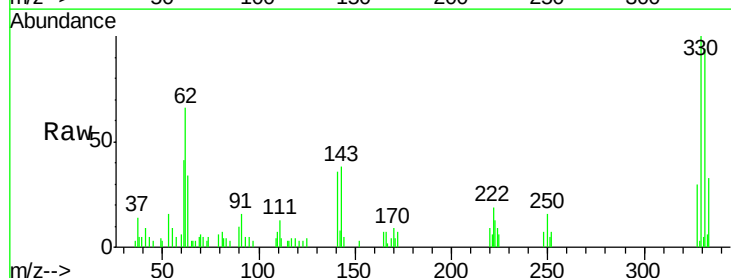


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

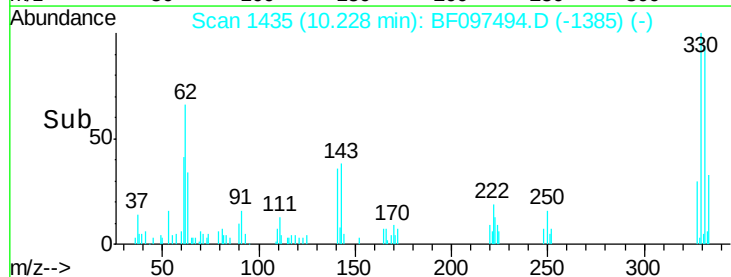
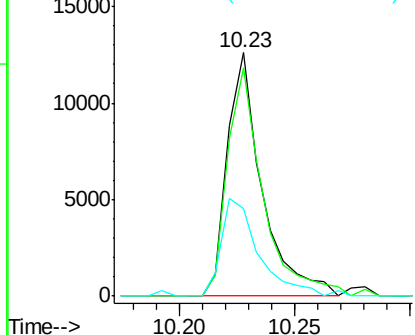


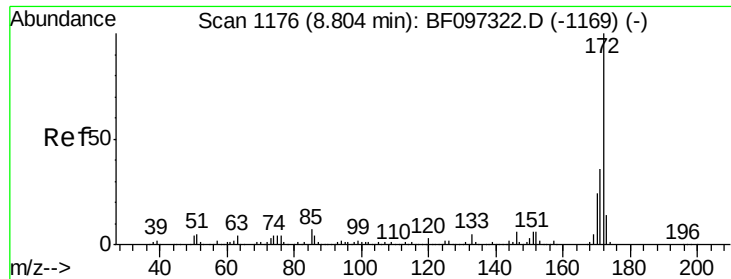
#41
2,4,6-Tribromophenol
Concen: 15.66 ng
RT: 10.23 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF097494.D
Acq: 9 Aug 2017 3:15

Tgt Ion:330 Resp: 13223
Ion Ratio Lower Upper
330 100
332 97.2 76.6 115.0
141 44.1 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

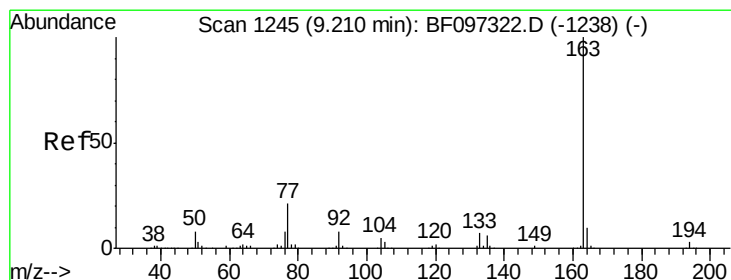
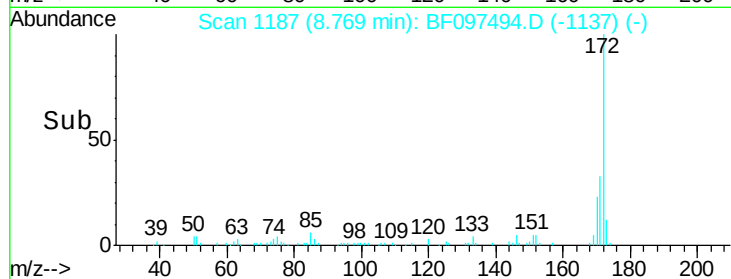
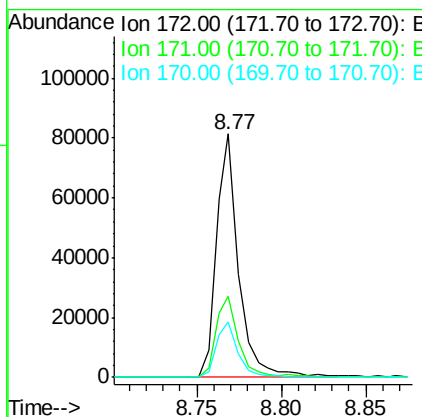
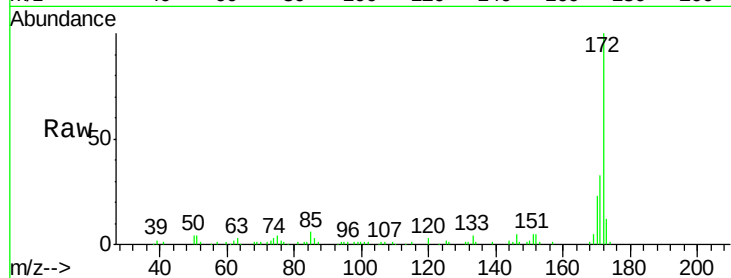




#44
2-Fluorobiphenyl
Concen: 11.88 ng
RT: 8.77 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF097494.D
Acq: 9 Aug 2017 3:15

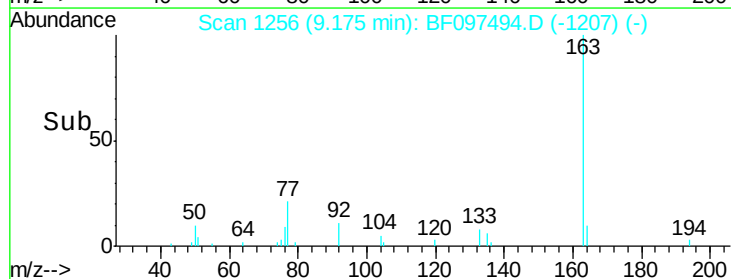
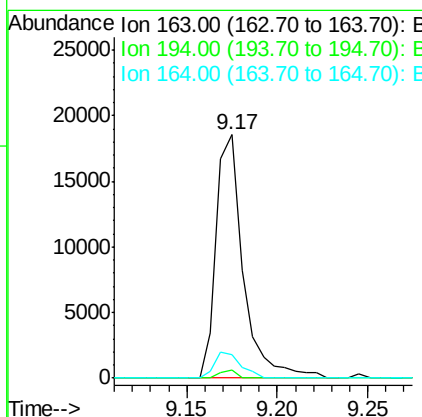
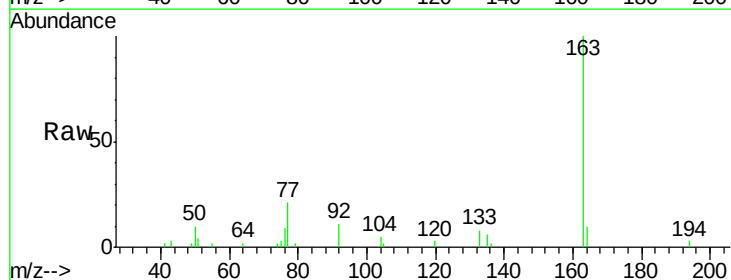
Instrument :
BNA_F
ClientSampled :

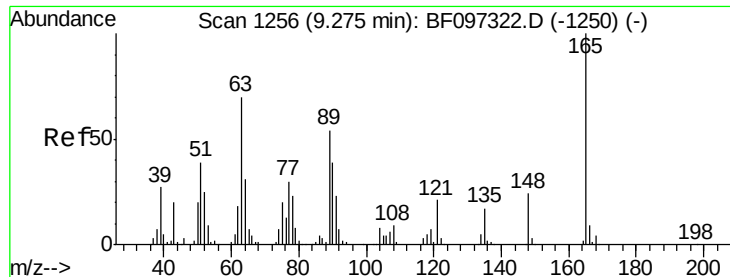
Tot Ion:172 Resp: 74807
Ion Ratio Lower Upper
172 100
171 33.2 29.6 44.4
170 22.9 19.8 29.8



#49
Dimethylphthalate
Concen: 2.38 ng
RT: 9.17 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF097494.D
Acq: 9 Aug 2017 3:15

Tgt Ion:163 Resp: 19307
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.6 8.4 12.6

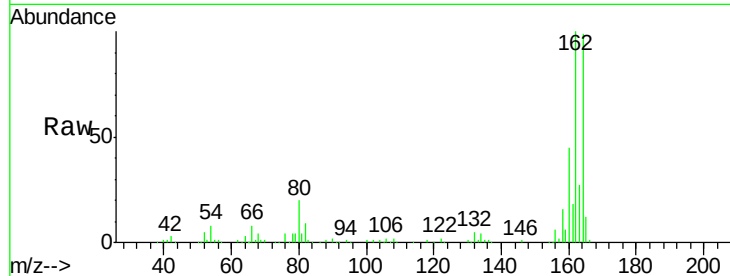




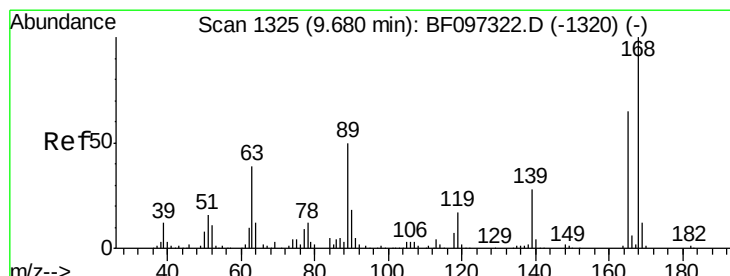
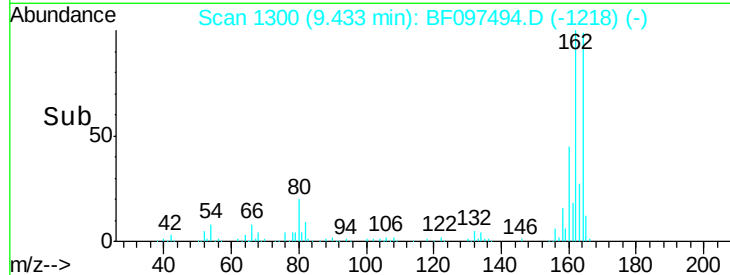
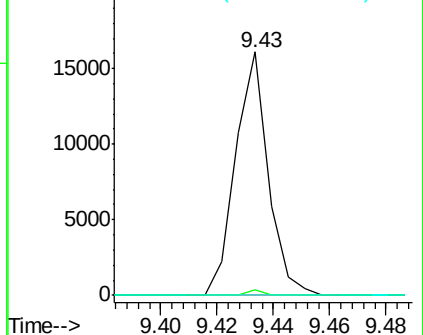
#50
 2,6-Dinitrotoluene
 Concen: 7.53 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. 0.18 min
 Lab File: BF097494.D
 Acq: 9 Aug 2017 3:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.3	34.3	51.5#
89	0.0	37.1	55.7#



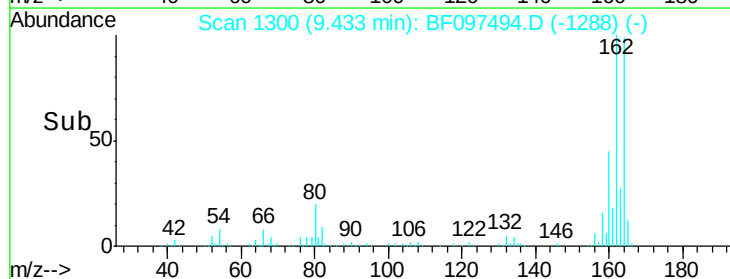
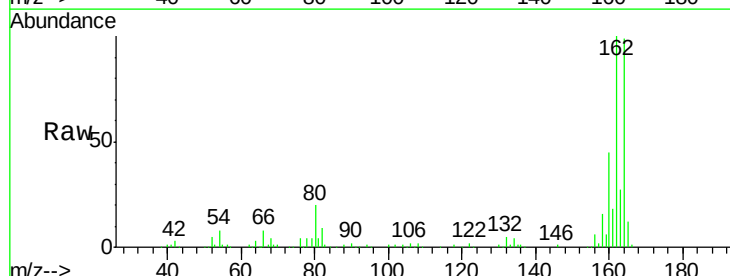
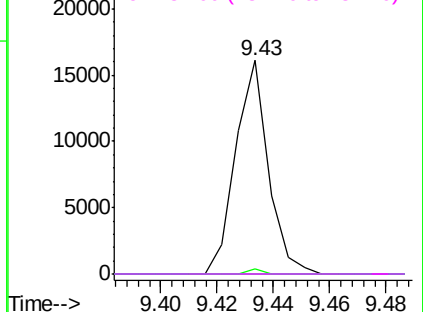
Abundance Ion 165.00 (164.70 to 165.70): E

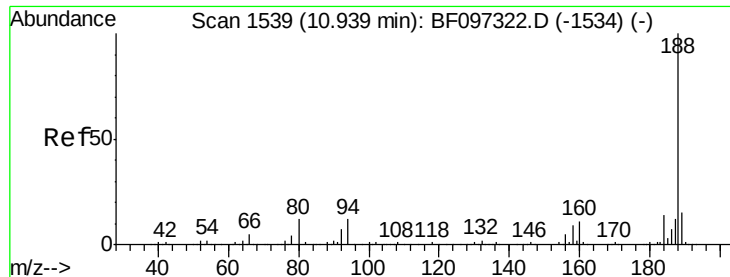


#56
 2,4-Dinitrotoluene
 Concen: 6.55 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. -0.23 min
 Lab File: BF097494.D
 Acq: 9 Aug 2017 3:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

Abundance Ion 165.00 (164.70 to 165.70): E

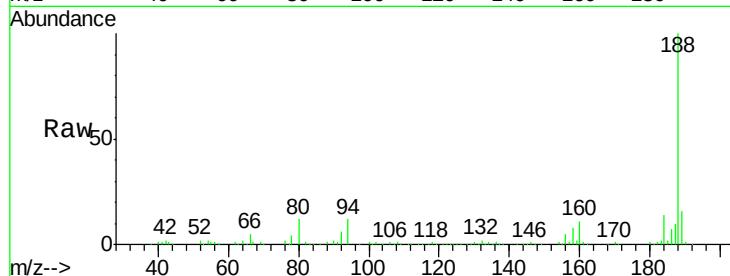




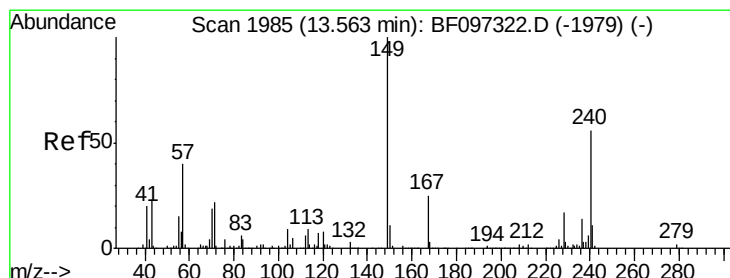
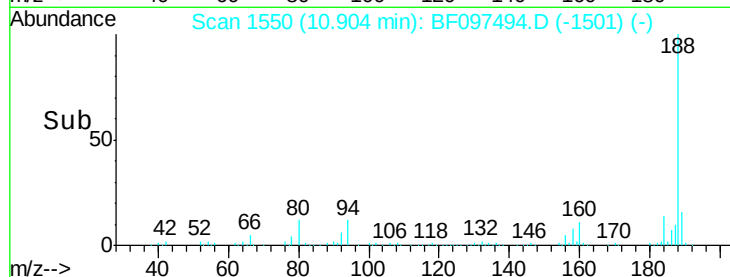
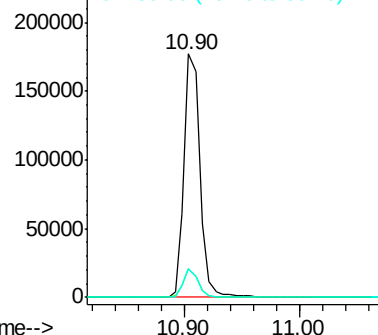
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097494.D
Acq: 9 Aug 2017 3:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 171518
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.2
80 11.9 10.2 15.2

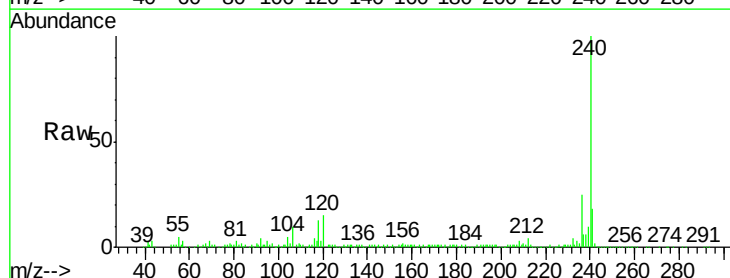


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

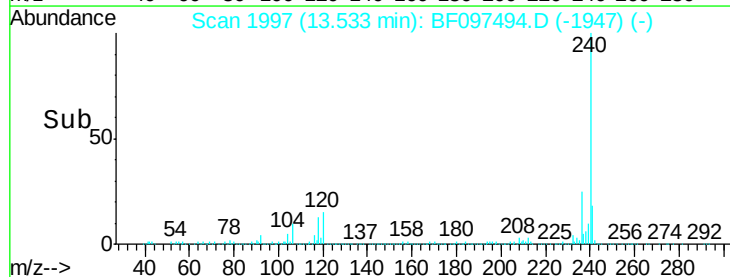
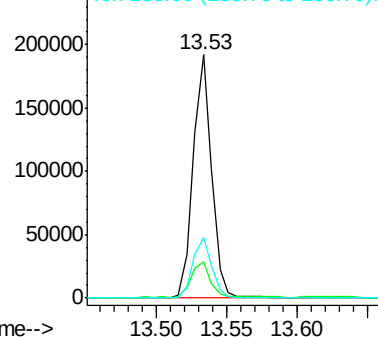


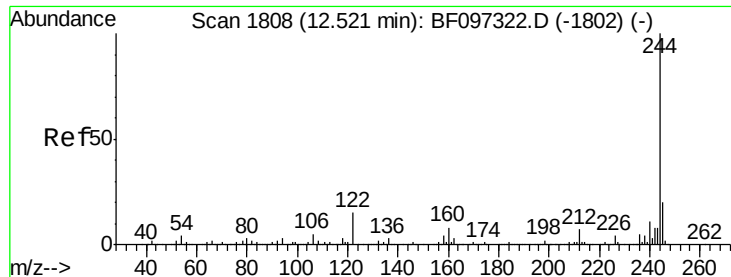
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097494.D
Acq: 9 Aug 2017 3:15

Tgt Ion:240 Resp: 175634
Ion Ratio Lower Upper
240 100
120 15.1 5.8 8.8#
236 24.7 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

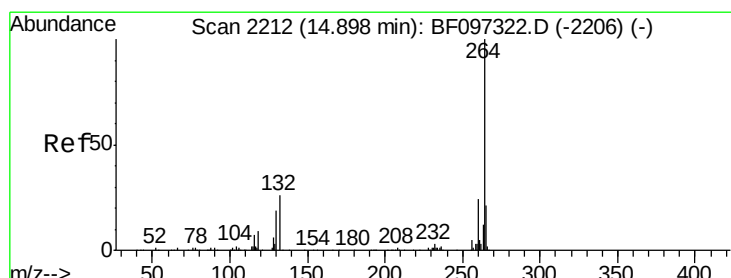
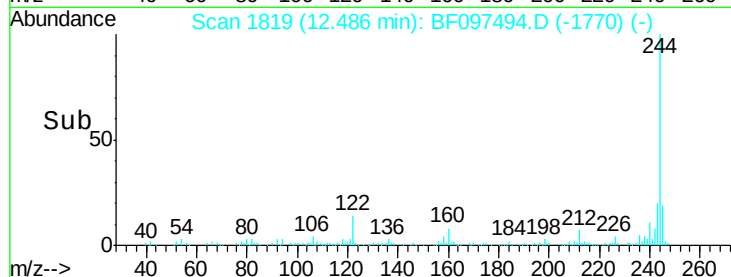
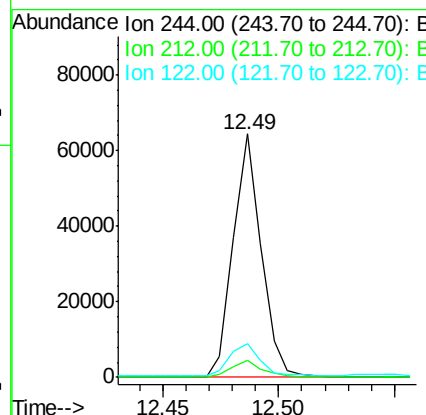
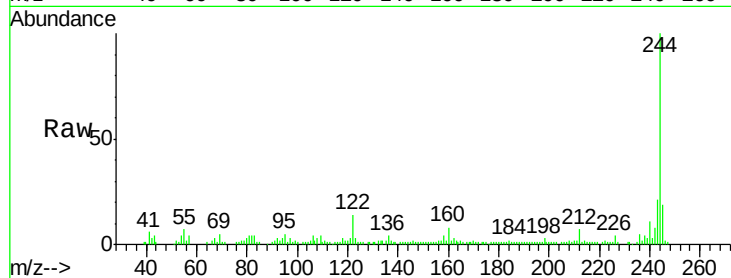




#78
 Terphenyl-d14
 Concen: 6.37 ng
 RT: 12.49 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF097494.D
 Acq: 9 Aug 2017 3:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 54841
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2225
 Delta R.T. 0.01 min
 Lab File: BF097494.D
 Acq: 9 Aug 2017 3:15

Tgt Ion:264 Resp: 123249
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.9 17.2 25.8

