

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080517\
 Data File : BF097418.D
 Acq On : 6 Aug 2017 4:16
 Operator : SJ/JU
 Sample : I4601-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMP

Quant Time: Aug 06 07:52:49 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

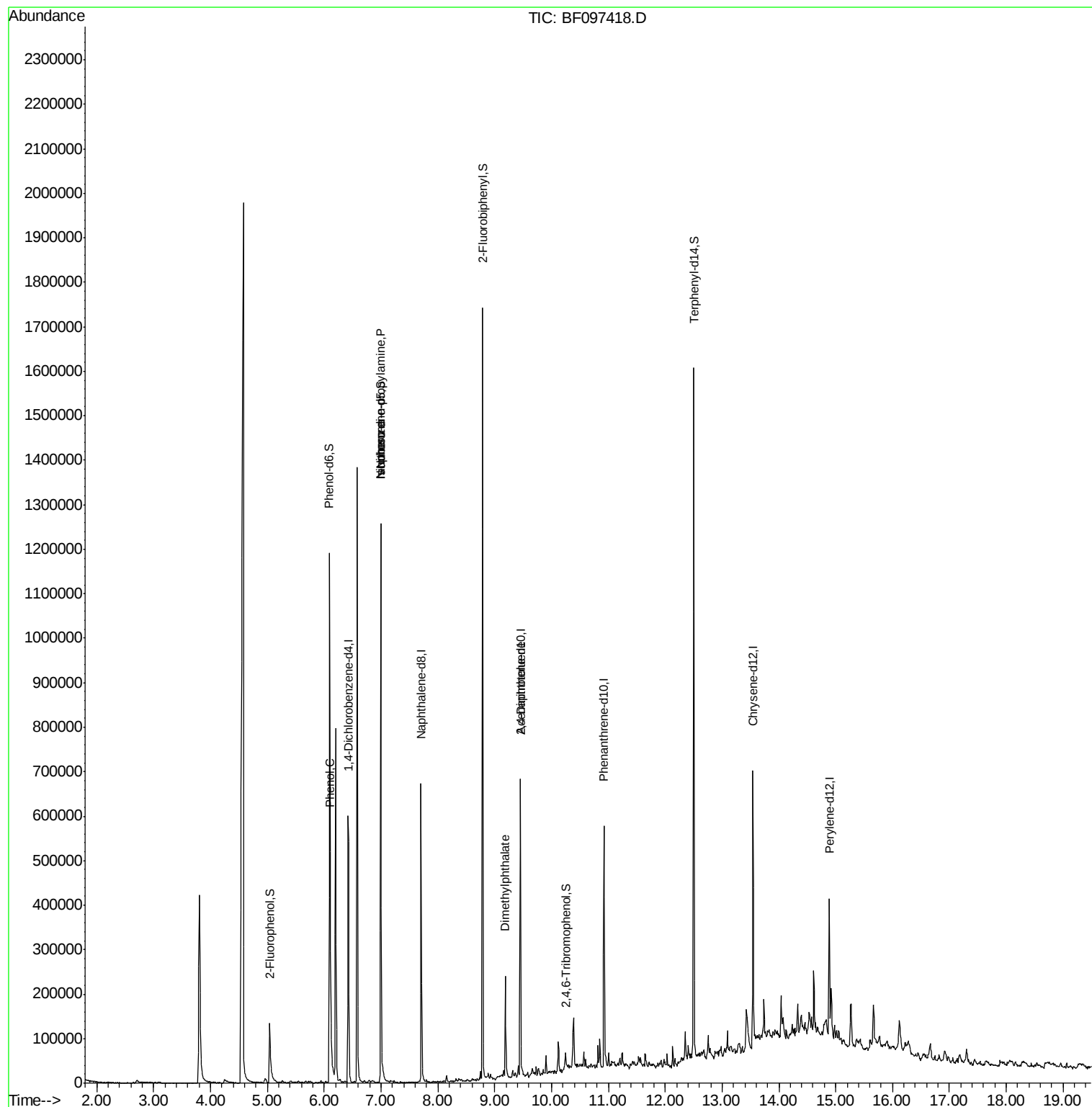
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.42	152	94231	20.00	ng	-0.08
21) Naphthalene-d8	7.70	136	332871	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	125577	20.00	ng	-0.08
63) Phenanthrene-d10	10.92	188	185778	20.00	ng	-0.08
75) Chrysene-d12	13.54	240	186247	20.00	ng	-0.08
86) Perylene-d12	14.89	264	121615	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	73646	11.78	ng	-0.06
7) Phenol-d6	6.09	99	494445	69.29	ng	-0.08
23) Nitrobenzene-d5	7.00	82	383545	67.59	ng	-0.08
41) 2,4,6-Tribromophenol	10.25	330	4071	4.10	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	501472	67.77	ng	-0.08
78) Terphenyl-d14	12.50	244	457329	50.06	ng	-0.08
Target Compounds						
10) Phenol	6.11	94	19304	2.28	ng	# 69
19) n-Nitroso-di-n-propylamine	7.00	70	52533	11.18	ng	# 88
25) Isophorone	7.00	82	383541	34.52	ng	# 67
49) Dimethylphthalate	9.19	163	87984	9.23	ng	99
56) 2,4-Dinitrotoluene	9.45	165	15714	6.76	ng	# 34

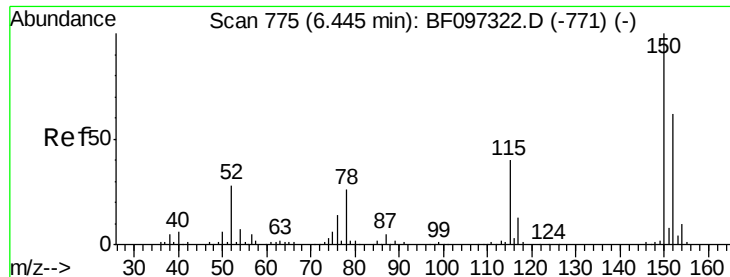
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 04 01:17:22 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.42 min Scan# 788

Delta R.T. -0.08 min

Lab File: BF097418.D

Acq: 6 Aug 2017 4:16

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMP

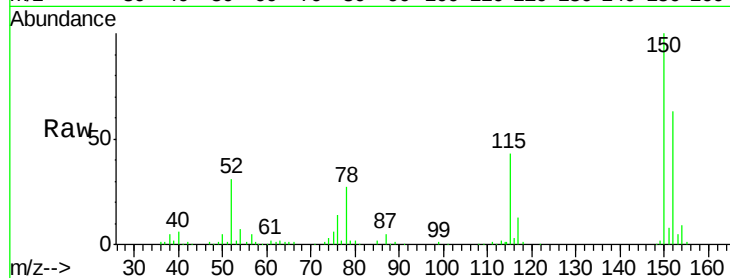
Tgt Ion:152 Resp: 94231

Ion Ratio Lower Upper

152 100

150 157.8 126.2 189.2

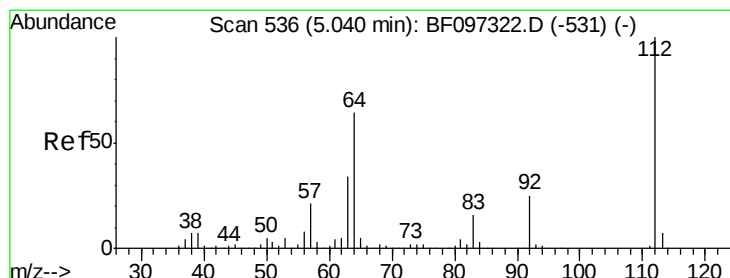
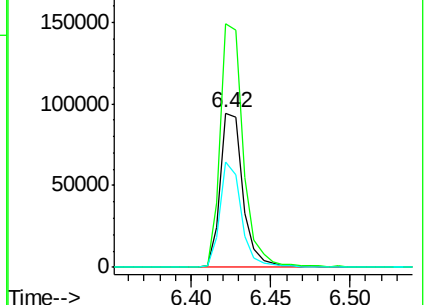
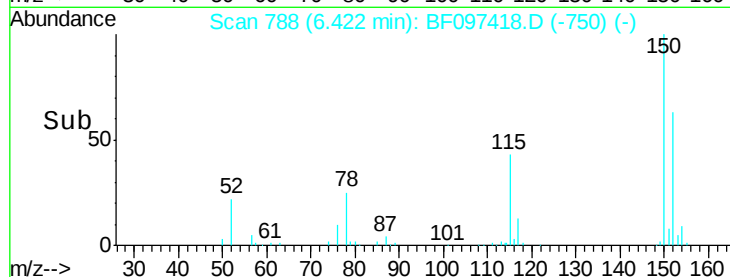
115 67.9 52.2 78.2



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



#5

2-Fluorophenol

Concen: 11.78 ng

RT: 5.04 min Scan# 553

Delta R.T. -0.06 min

Lab File: BF097418.D

Acq: 6 Aug 2017 4:16

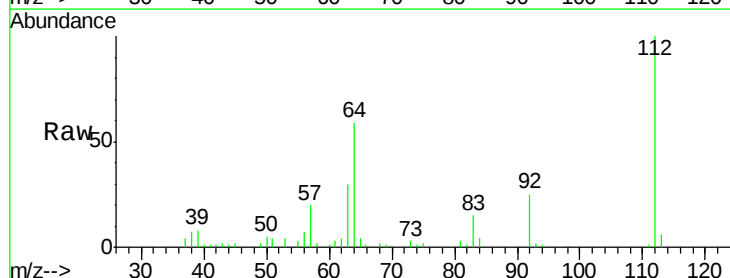
Tgt Ion:112 Resp: 73646

Ion Ratio Lower Upper

112 100

64 59.3 46.0 69.0

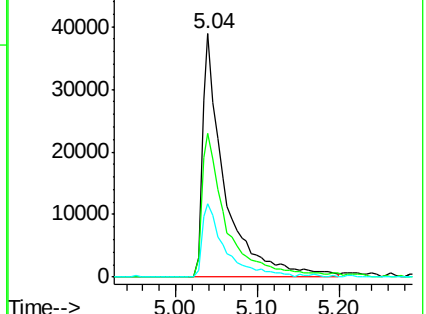
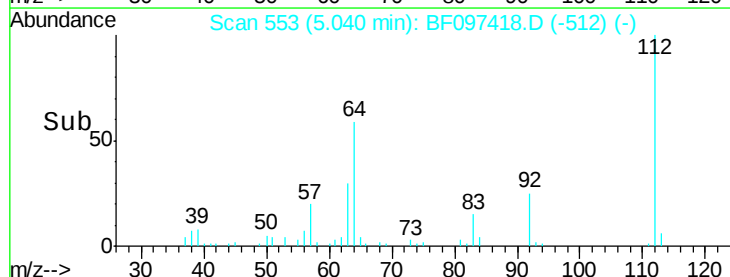
63 30.3 23.4 35.0



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: 69.29 ng

RT: 6.09 min Scan# 732

Delta R.T. -0.08 min

Lab File: BF097418.D

Acq: 6 Aug 2017 4:16

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMP

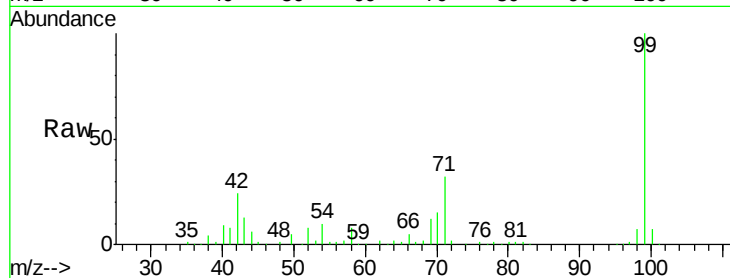
Tgt Ion: 99 Resp: 494445

Ion Ratio Lower Upper

99 100

42 23.5 13.5 20.3#

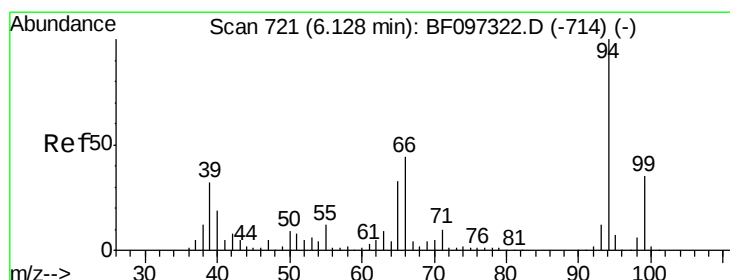
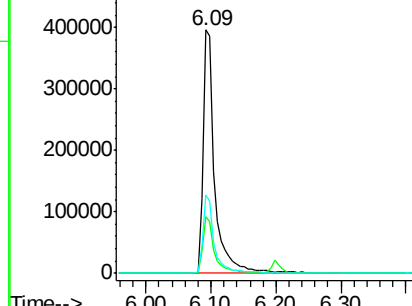
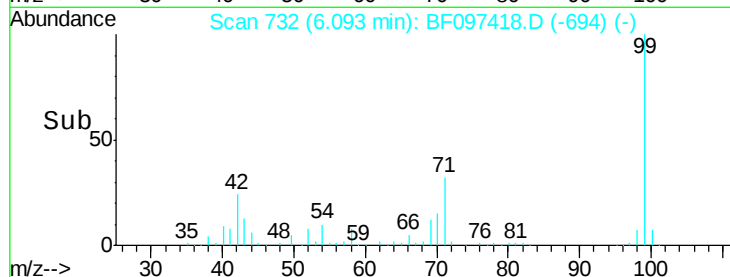
71 32.4 24.5 36.7



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: 2.28 ng

RT: 6.11 min Scan# 735

Delta R.T. -0.07 min

Lab File: BF097418.D

Acq: 6 Aug 2017 4:16

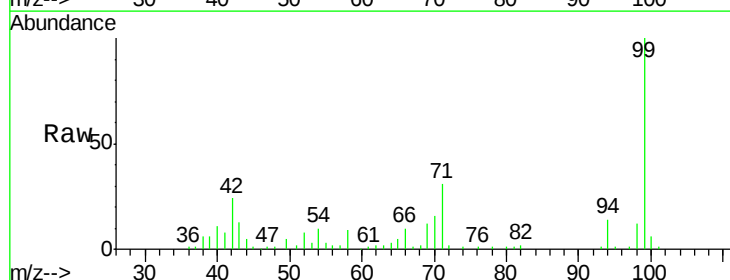
Tgt Ion: 94 Resp: 19304

Ion Ratio Lower Upper

94 100

65 37.6 9.9 49.9

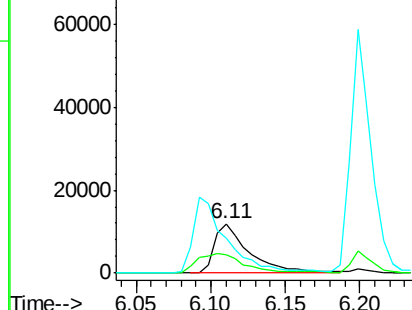
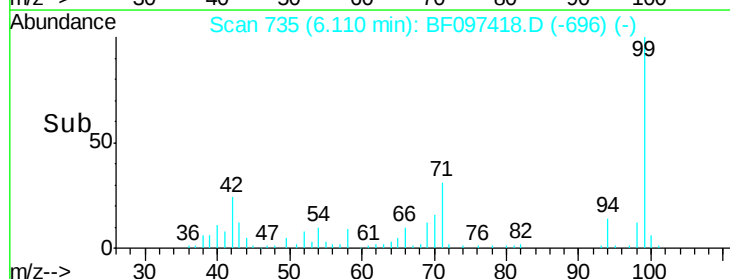
66 70.0 23.1 63.1#

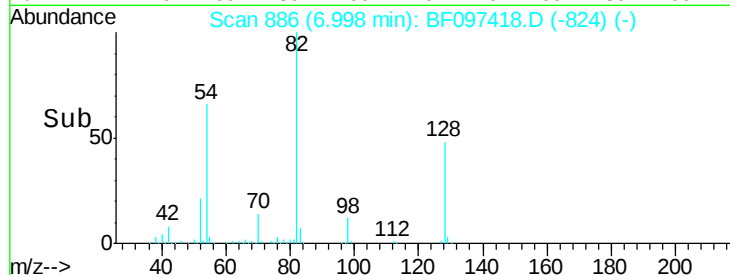
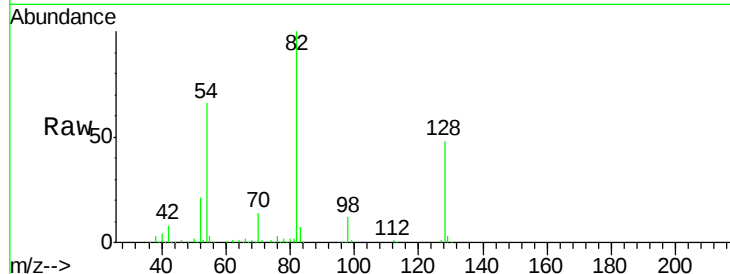
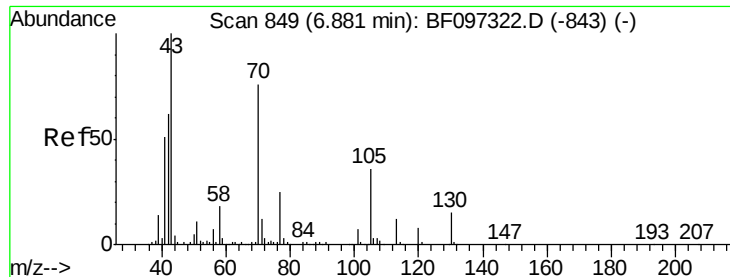


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

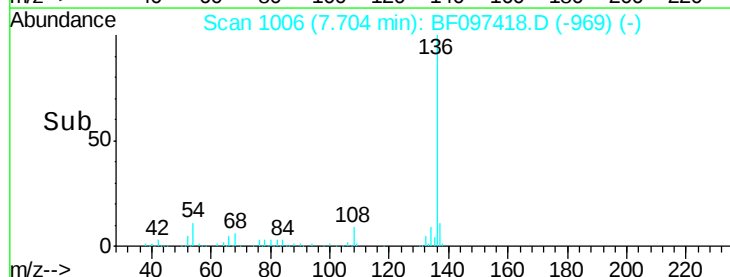
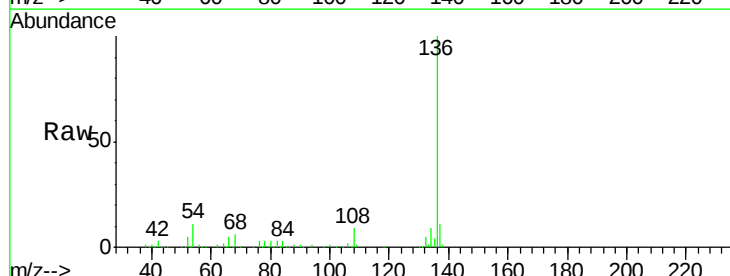
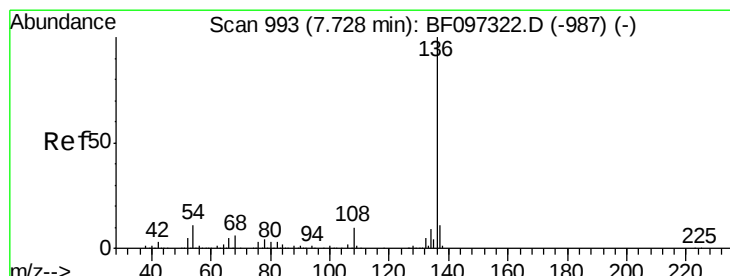
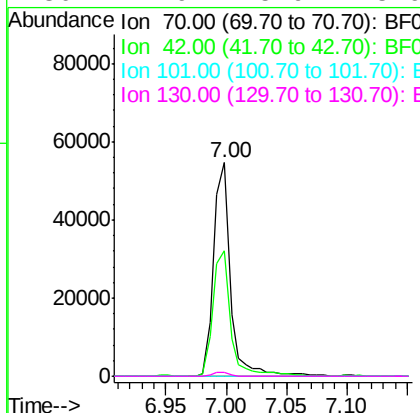




#19
n-Nitroso-di-n-propylamine
Concen: 11.18 ng
RT: 7.00 min Scan# 886
Delta R.T. 0.06 min
Lab File: BF097418.D
Acq: 6 Aug 2017 4:16

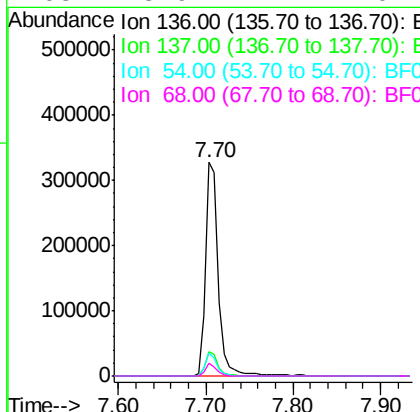
Instrument :
BNA_F
ClientSampleId :
352-338-351-COMP

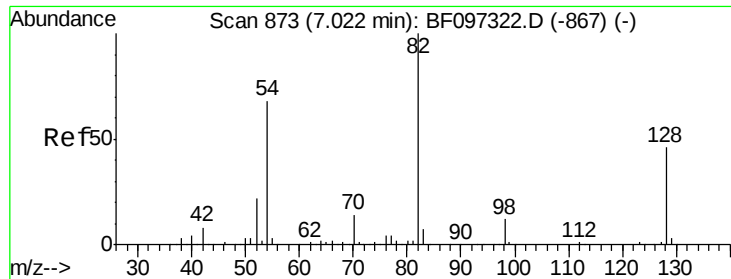
Tgt Ion: 70 Resp: 52533
Ion Ratio Lower Upper
70 100
42 58.5 47.2 70.8
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.70 min Scan# 1006
Delta R.T. -0.08 min
Lab File: BF097418.D
Acq: 6 Aug 2017 4:16

Tgt Ion: 136 Resp: 332871
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 11.1 4.9 7.3#
68 5.9 4.1 6.1

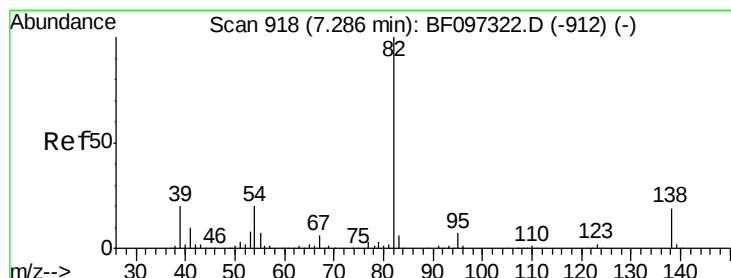
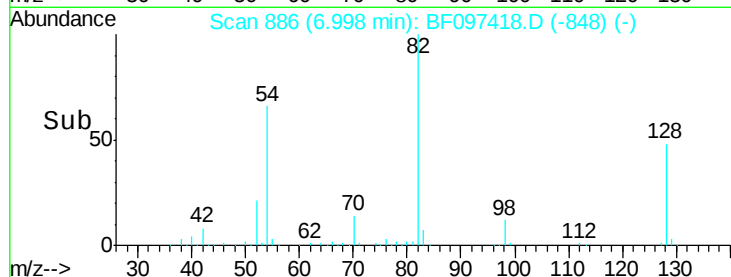
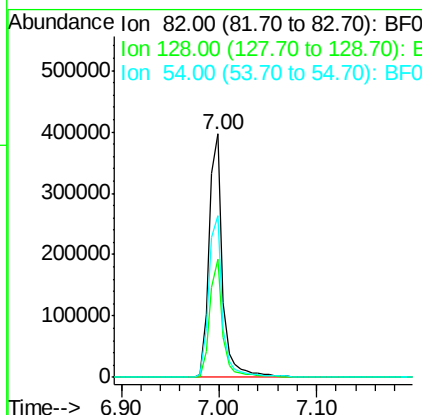
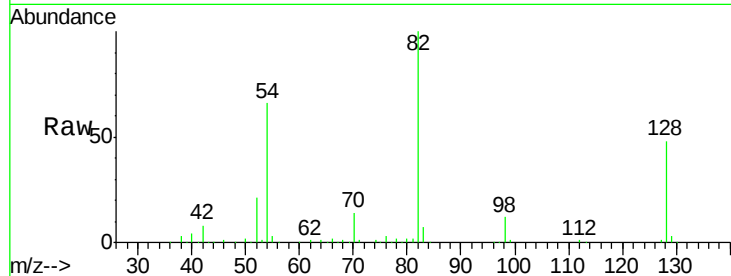




#23
 Nitrobenzene-d5
 Concen: 67.59 ng
 RT: 7.00 min Scan# 886
 Delta R.T. -0.08 min
 Lab File: BF097418.D
 Acq: 6 Aug 2017 4:16

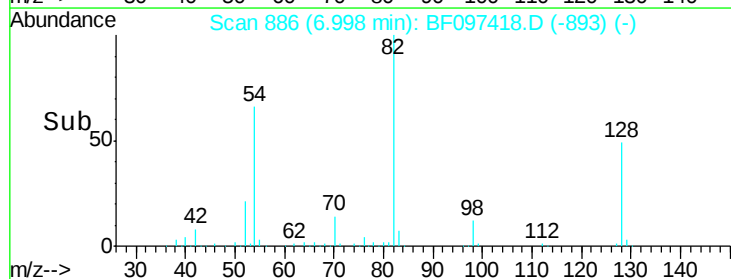
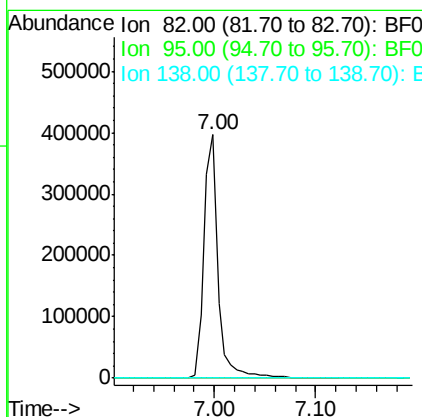
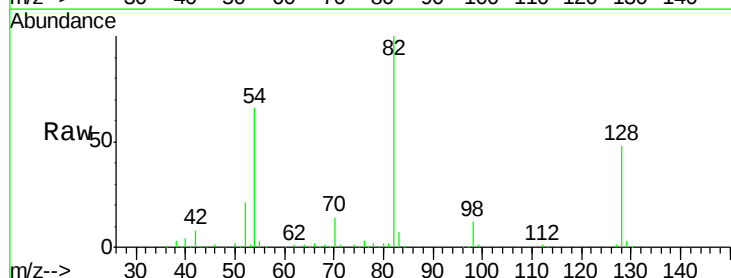
Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMP

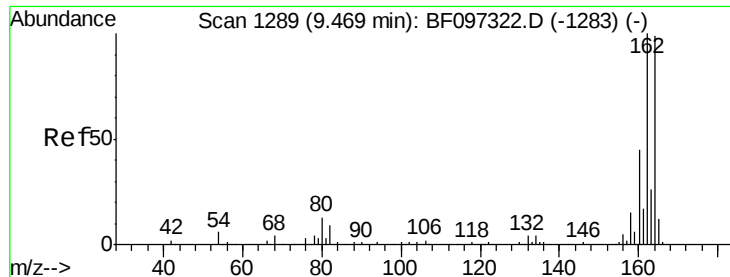
Tgt Ion: 82 Resp: 383545
 Ion Ratio Lower Upper
 82 100
 128 48.4 34.0 51.0
 54 66.5 42.2 63.2#



#25
 Isophorone
 Concen: 34.52 ng
 RT: 7.00 min Scan# 886
 Delta R.T. -0.34 min
 Lab File: BF097418.D
 Acq: 6 Aug 2017 4:16

Tgt Ion: 82 Resp: 383541
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

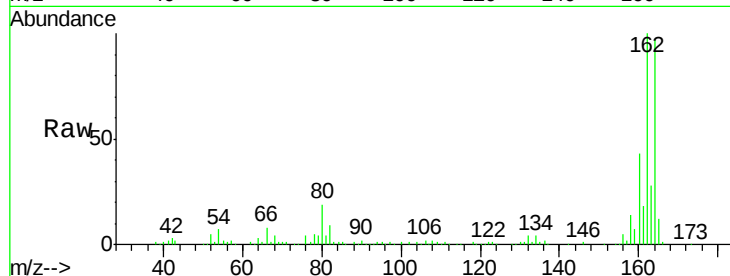




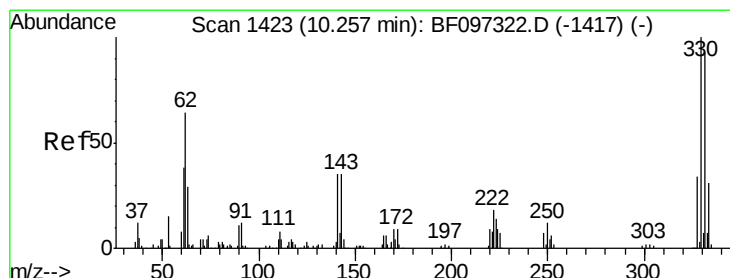
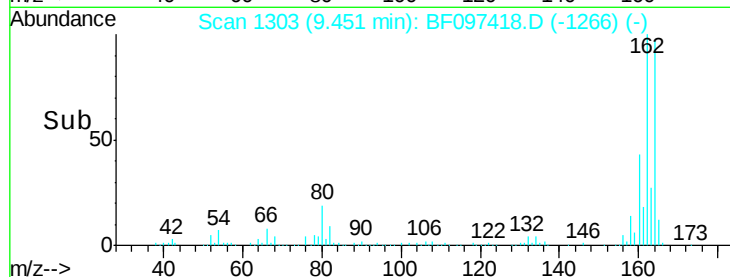
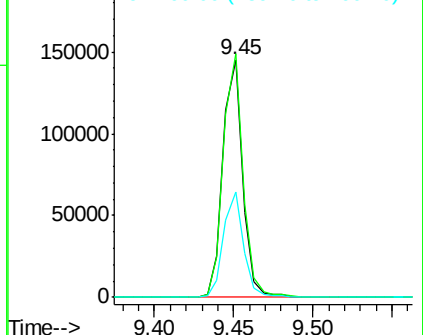
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.45 min Scan# 1303
 Delta R.T. -0.08 min
 Lab File: BF097418.D
 Acq: 6 Aug 2017 4:16

Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMP

Tgt Ion:164 Resp: 125577
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.6 123.8
 160 44.4 36.2 54.2

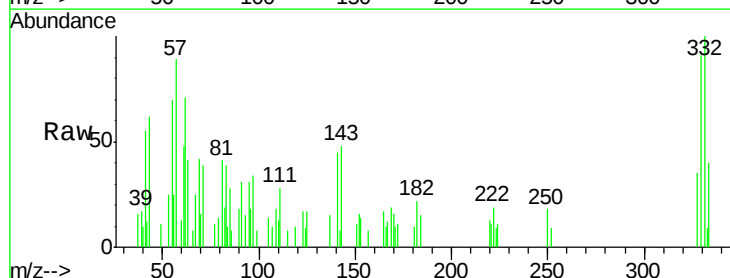


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

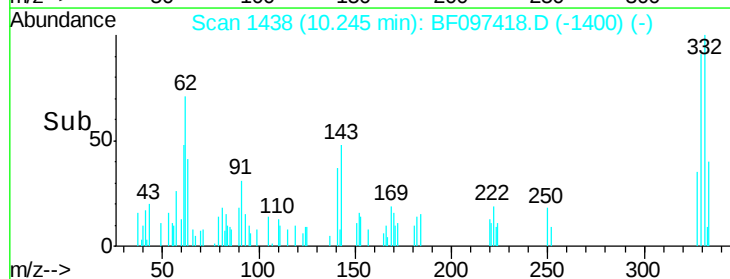
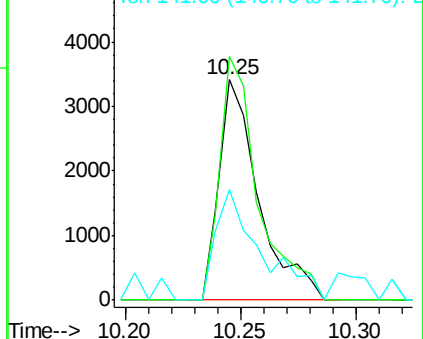


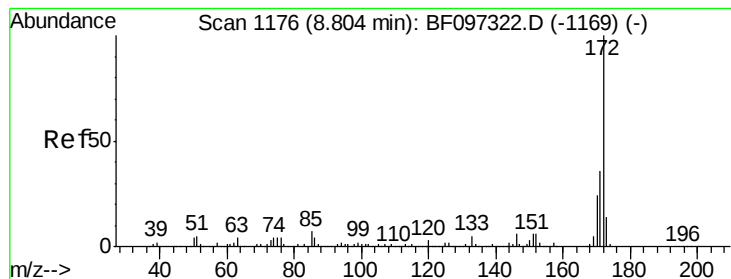
#41
 2,4,6-Tribromophenol
 Concen: 4.10 ng
 RT: 10.25 min Scan# 1438
 Delta R.T. -0.08 min
 Lab File: BF097418.D
 Acq: 6 Aug 2017 4:16

Tgt Ion:330 Resp: 4071
 Ion Ratio Lower Upper
 330 100
 332 107.7 76.6 115.0
 141 56.8 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: 67.77 ng

RT: 8.79 min Scan# 1190

Delta R.T. -0.08 min

Lab File: BF097418.D

Acq: 6 Aug 2017 4:16

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMP

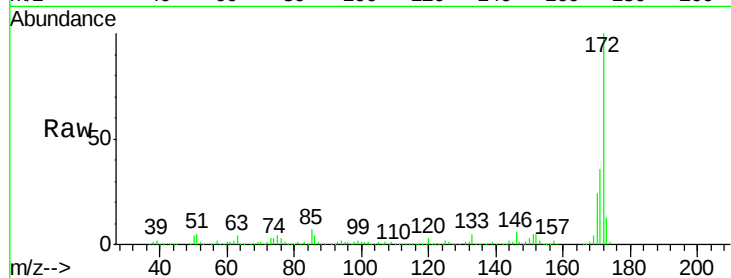
Tgt Ion:172 Resp: 501472

Ion Ratio Lower Upper

172 100

171 35.6 29.6 44.4

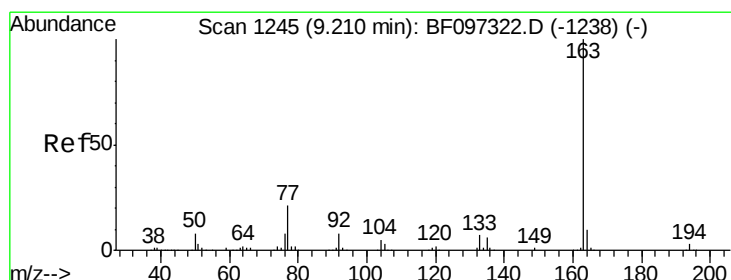
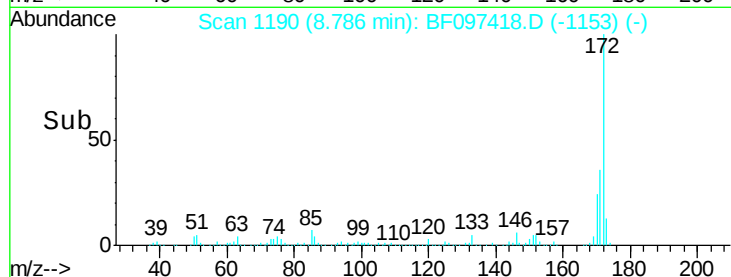
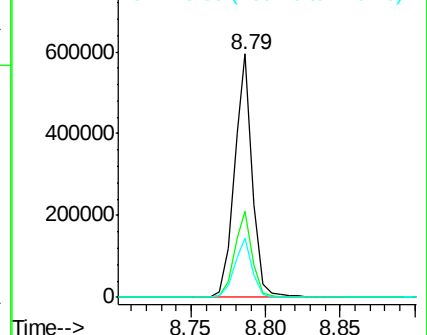
170 24.5 19.8 29.8



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: 9.23 ng

RT: 9.19 min Scan# 1258

Delta R.T. -0.09 min

Lab File: BF097418.D

Acq: 6 Aug 2017 4:16

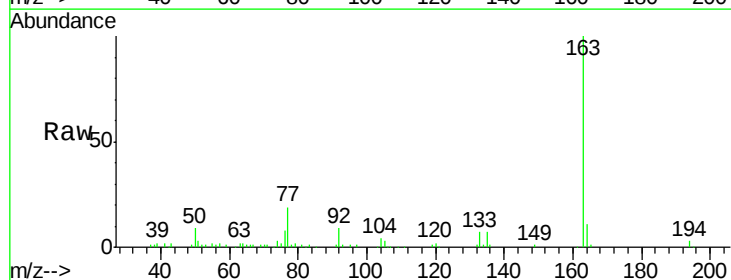
Tgt Ion:163 Resp: 87984

Ion Ratio Lower Upper

163 100

194 2.7 2.6 4.0

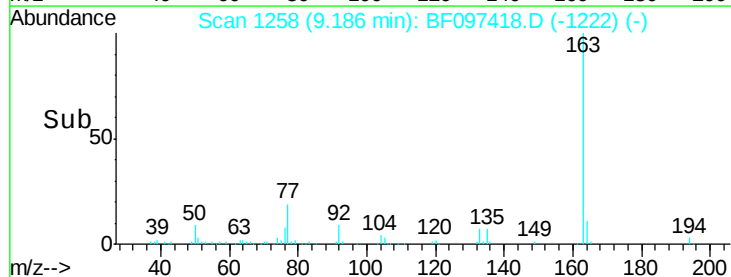
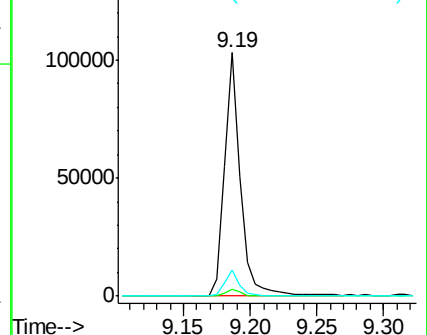
164 10.9 8.4 12.6



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

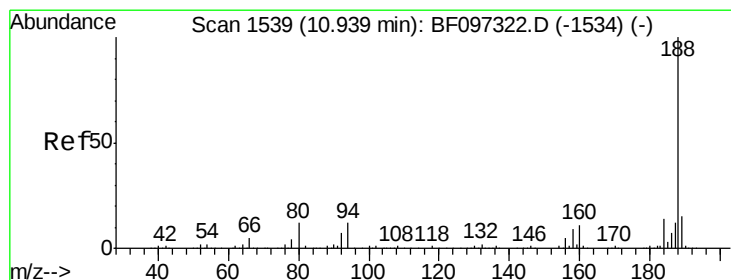
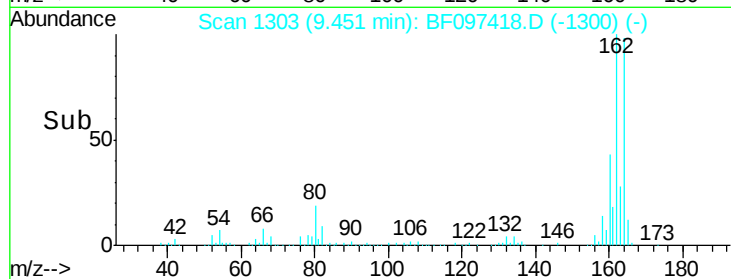
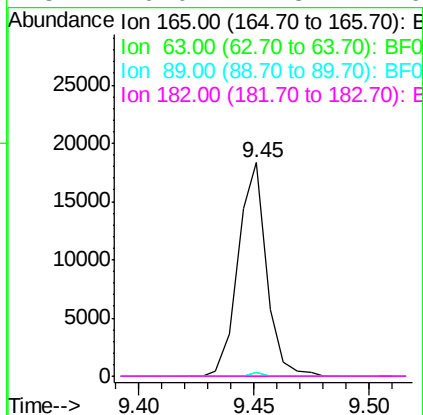
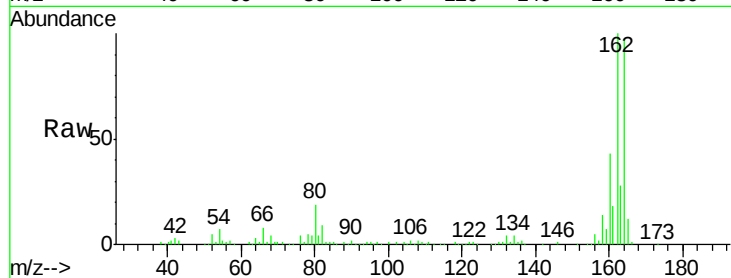




#56
 2,4-Dinitrotoluene
 Concen: 6.76 ng
 RT: 9.45 min Scan# 1303
 Delta R.T. -0.28 min
 Lab File: BF097418.D
 Acq: 6 Aug 2017 4:16

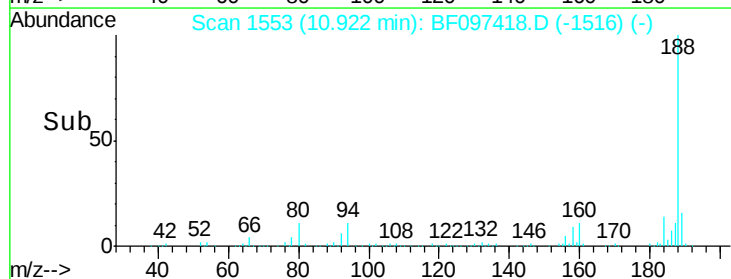
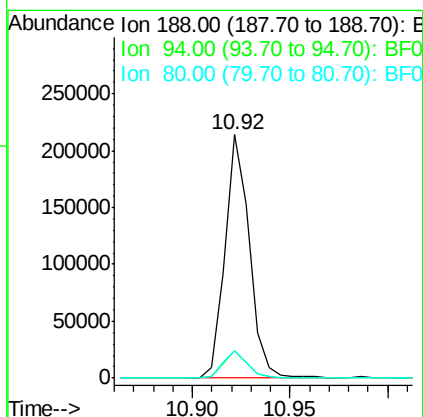
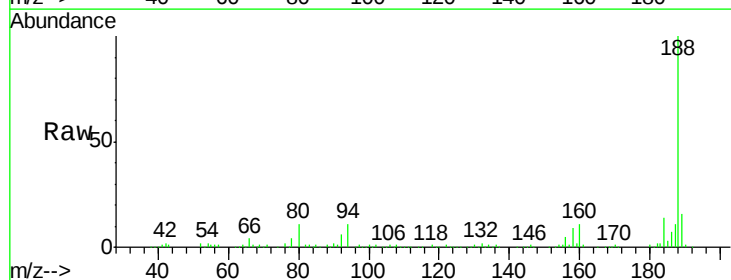
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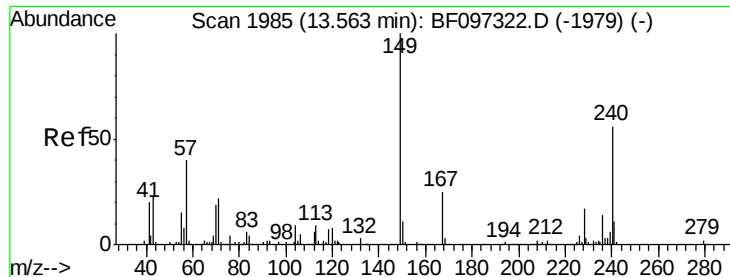
Tgt Ion:	165	Resp:	15714
Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.92 min Scan# 1553
 Delta R.T. -0.08 min
 Lab File: BF097418.D
 Acq: 6 Aug 2017 4:16

Tgt Ion:	188	Resp:	185778
Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	11.2	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.54 min Scan# 1999

Delta R.T. -0.08 min

Lab File: BF097418.D

Acq: 6 Aug 2017 4:16

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMP

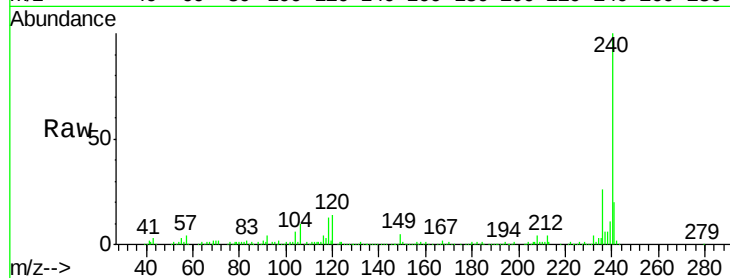
Tgt Ion:240 Resp: 186247

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

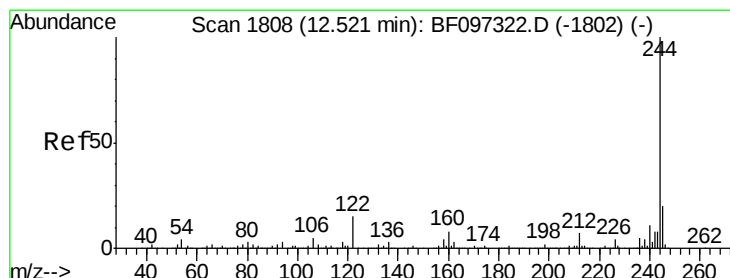
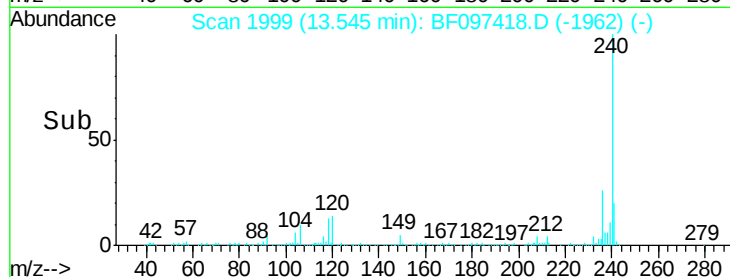
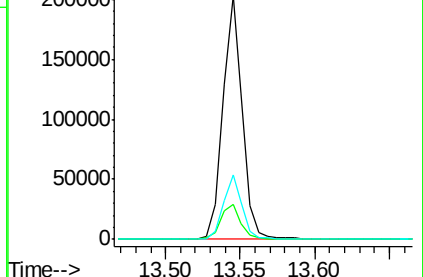
236 26.4 20.5 30.7



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: 50.06 ng

RT: 12.50 min Scan# 1822

Delta R.T. -0.08 min

Lab File: BF097418.D

Acq: 6 Aug 2017 4:16

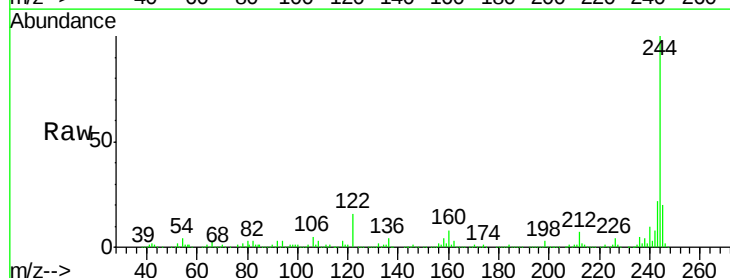
Tgt Ion:244 Resp: 457329

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

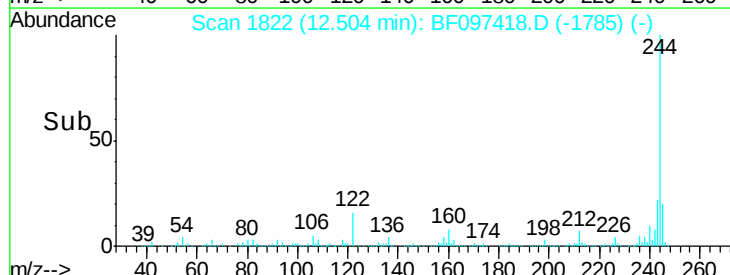
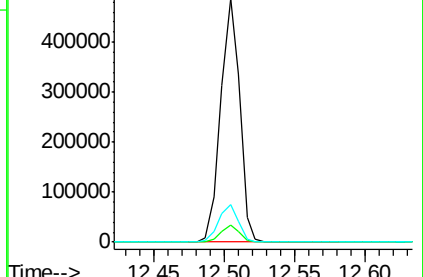
122 15.5 10.3 15.5#

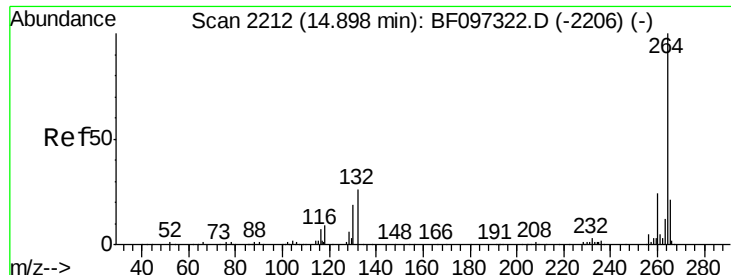


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

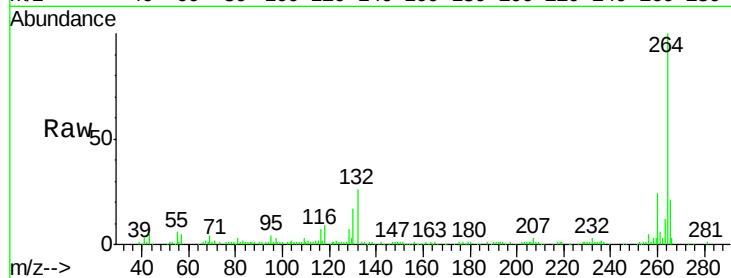




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.89 min Scan# 2227
Delta R.T. -0.09 min
Lab File: BF097418.D
Acq: 6 Aug 2017 4:16

Instrument :
BNA_F
ClientSampleId :
352-338-351-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	20.7	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

