

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097452.D
 Acq On : 8 Aug 2017 2:45
 Operator : SJ/JU
 Sample : I4564-01RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-O10-ESW

Quant Time: Aug 08 04:52:51 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

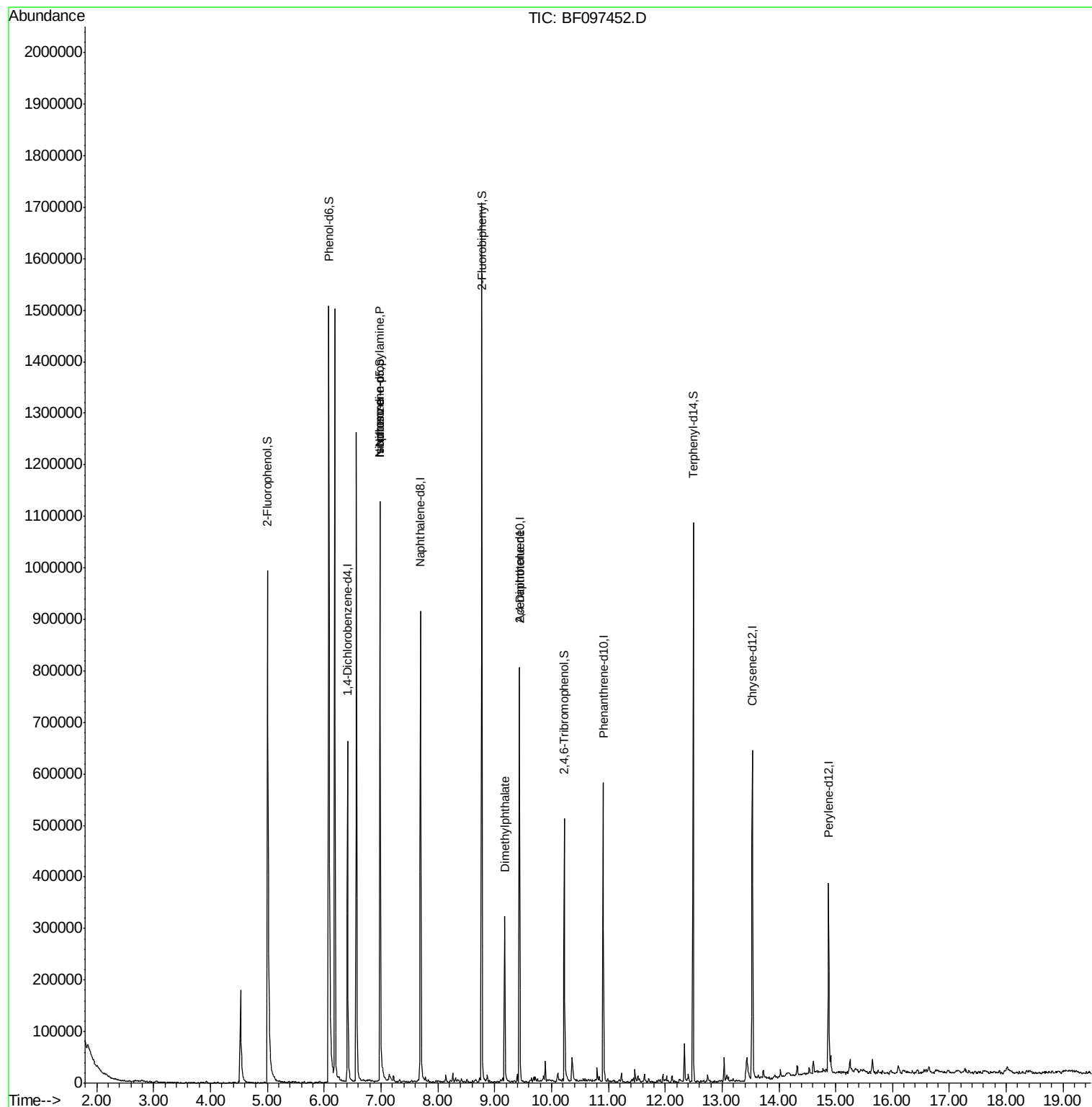
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	100299	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	403481	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	155088	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	204938	20.00	ng	0.00
75) Chrysene-d12	13.53	240	214571	20.00	ng	0.00
86) Perylene-d12	14.87	264	148966	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	379368	57.02	ng	0.00
7) Phenol-d6	6.08	99	570466	75.10	ng	0.00
23) Nitrobenzene-d5	6.98	82	344664	50.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	57090	46.59	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	520010	56.90	ng	0.00
78) Terphenyl-d14	12.49	244	326499	31.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.98	70	47201	9.44	ng	# 88
25) Isophorone	6.98	82	344662	25.59	ng	# 67
49) Dimethylphthalate	9.17	163	131101	11.13	ng	99
56) 2,4-Dinitrotoluene	9.43	165	19104	6.65	ng	# 32

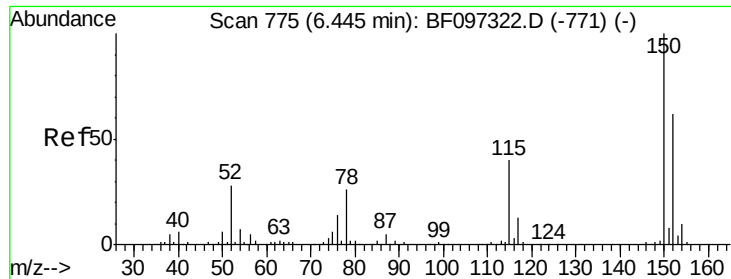
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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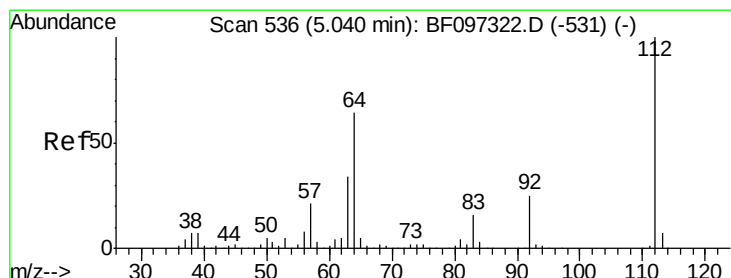
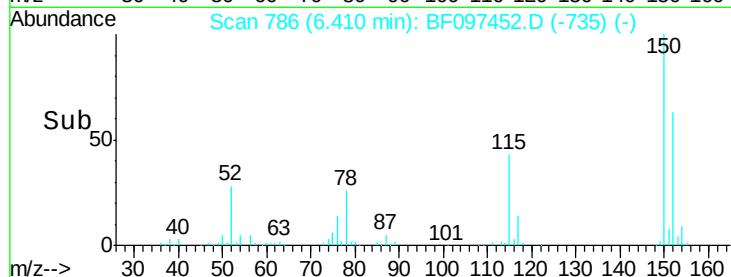
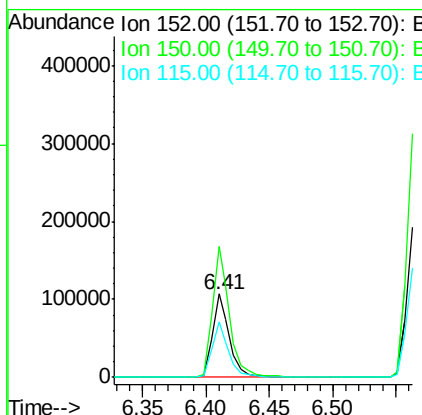
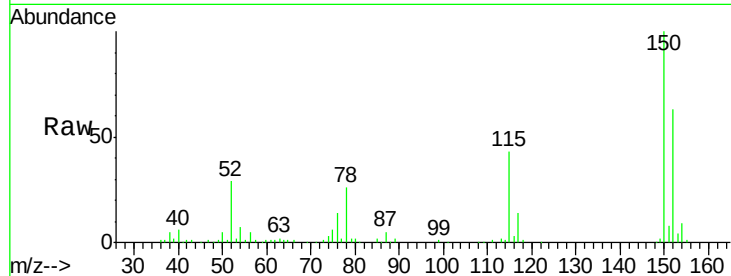


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.41 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF097452.D
 Acq: 8 Aug 2017 2:45

Instrument :
 BNA_F
 ClientSampleId :
 E2-O10-ESW

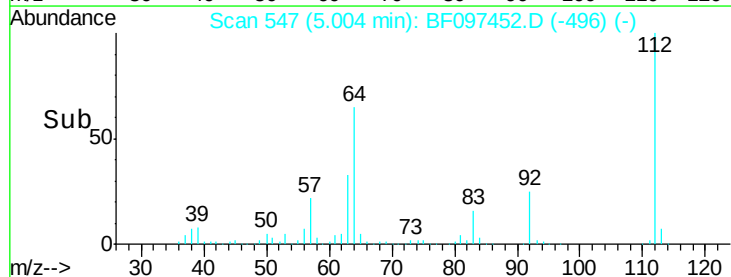
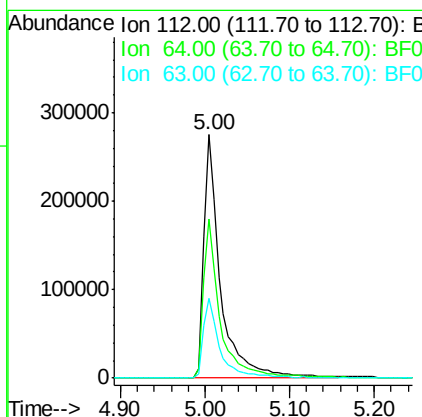
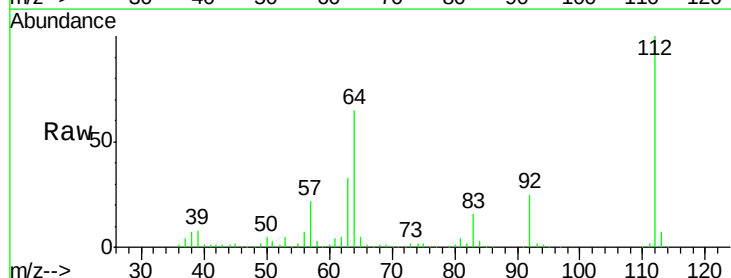
Tot Ion:152 Resp: 100299
 Ion Ratio Lower Upper
 152 100
 150 157.7 126.2 189.2
 115 67.2 52.2 78.2

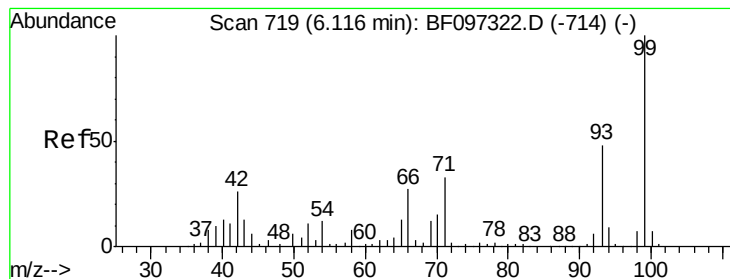


#5

2-Fluorophenol
 Concen: 57.02 ng
 RT: 5.00 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF097452.D
 Acq: 8 Aug 2017 2:45

Tgt Ion:112 Resp: 379368
 Ion Ratio Lower Upper
 112 100
 64 65.1 46.0 69.0
 63 32.8 23.4 35.0





#7

Phenol-d6

Concen: 75.10 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097452.D

Acq: 8 Aug 2017 2:45

Instrument :

BNA_F

ClientSampleId :

E2-O10-ESW

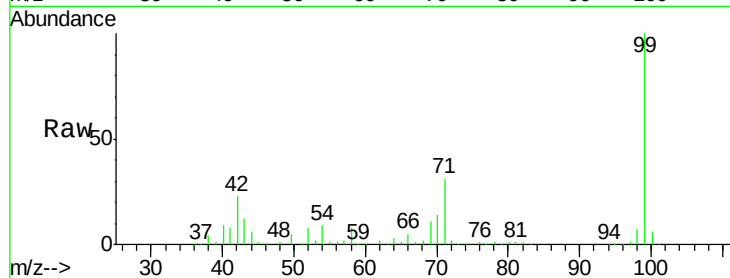
Tot Ion: 99 Resp: 570466

Ion Ratio Lower Upper

99 100

42 23.4 13.5 20.3#

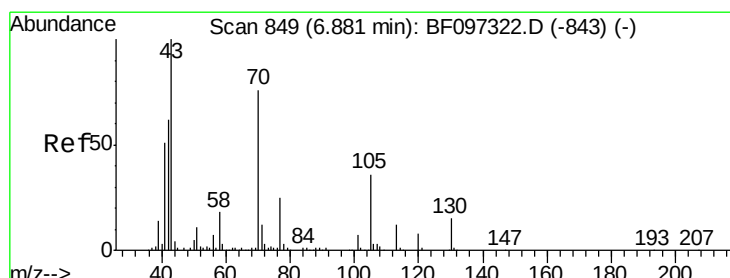
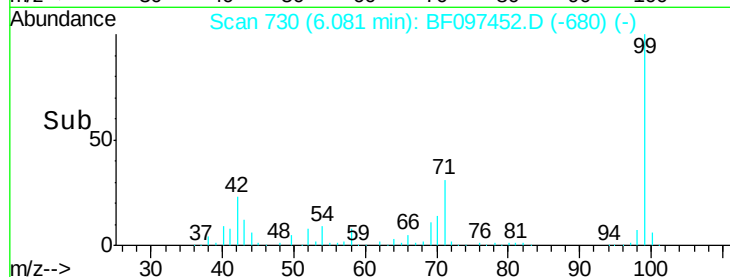
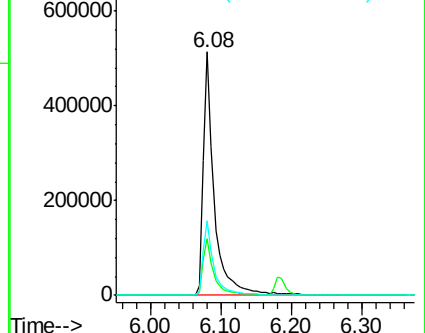
71 30.9 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.44 ng

RT: 6.98 min Scan# 883

Delta R.T. 0.13 min

Lab File: BF097452.D

Acq: 8 Aug 2017 2:45

Tgt Ion: 70 Resp: 47201

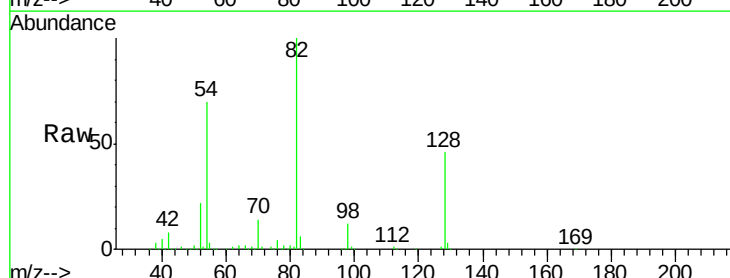
Ion Ratio Lower Upper

70 100

42 59.7 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

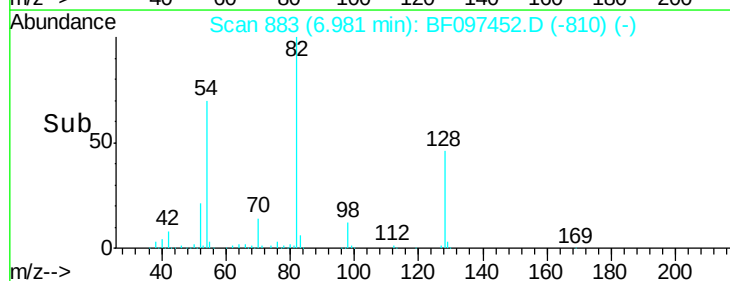
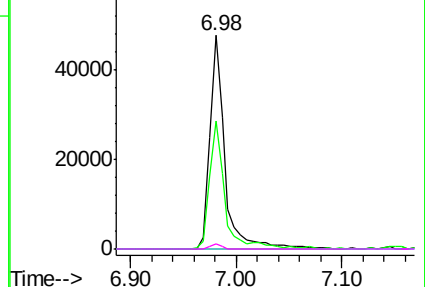


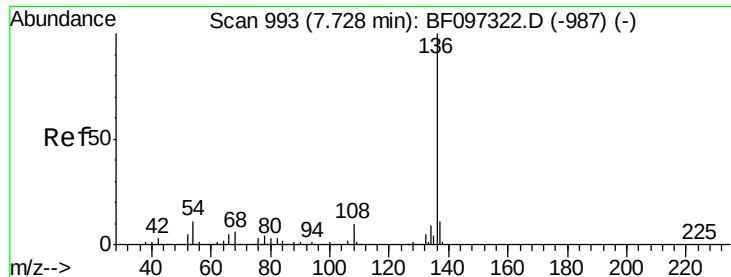
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

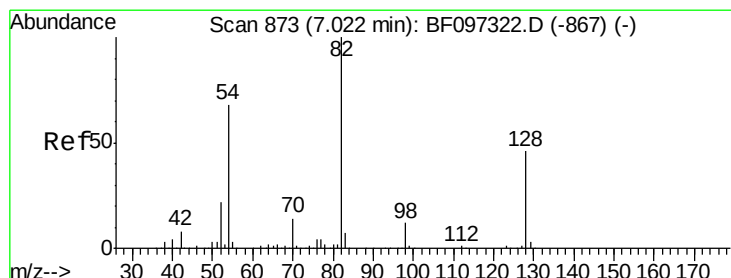
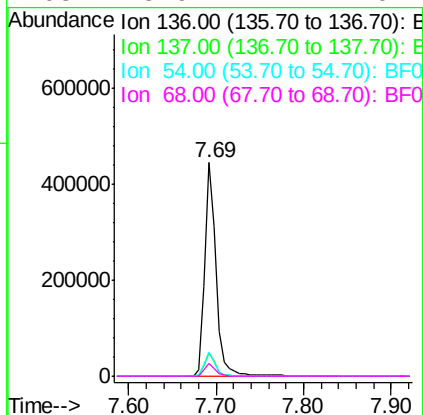
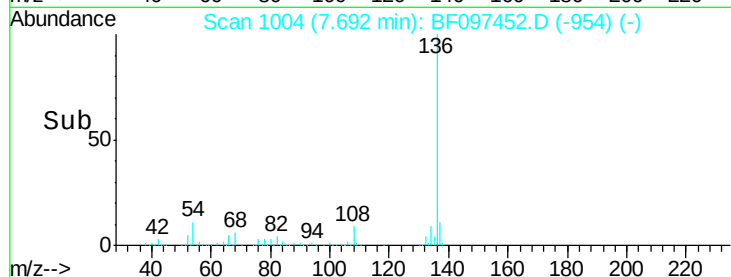
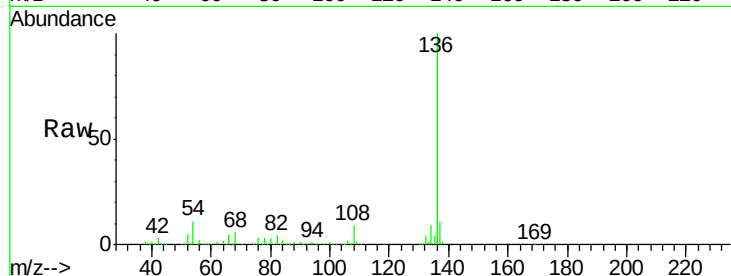




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.69 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF097452.D
Acq: 8 Aug 2017 2:45

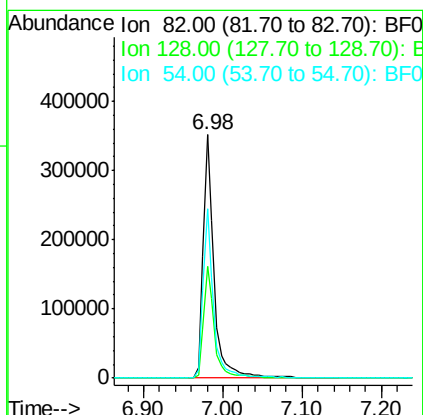
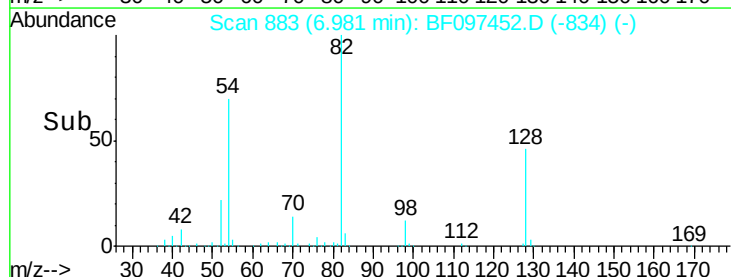
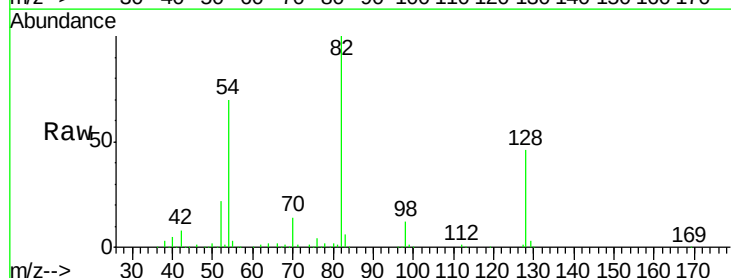
Instrument :
BNA_F
ClientSampleId :
E2-O10-ESW

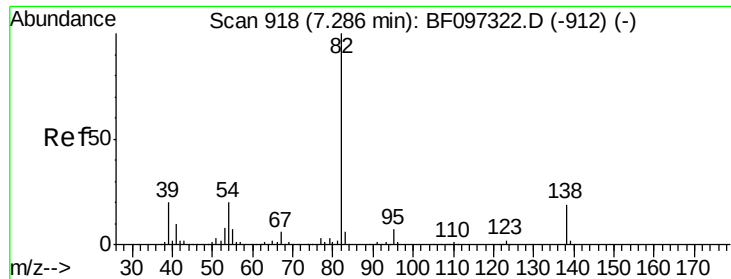
Tot Ion:136	Resp:	403481
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	11.1	4.9 7.3#
68	5.9	4.1 6.1



#23
Nitrobenzene-d5
Concen: 50.11 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF097452.D
Acq: 8 Aug 2017 2:45

Tgt Ion: 82	Resp:	344664
Ion Ratio	Lower	Upper
82	100	
128	45.8	34.0 51.0
54	69.8	42.2 63.2#





#25

Isophorone

Concen: 25.59 ng

RT: 6.98 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF097452.D

Acq: 8 Aug 2017 2:45

Instrument :

BNA_F

ClientSampleId :

E2-O10-ESW

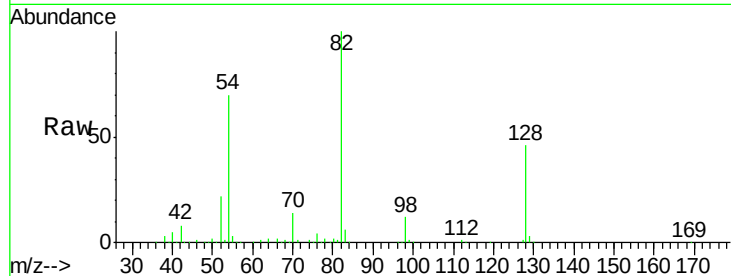
Tot Ion: 82 Resp: 344662

Ion Ratio Lower Upper

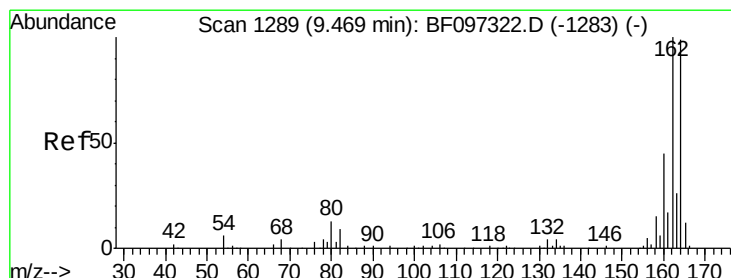
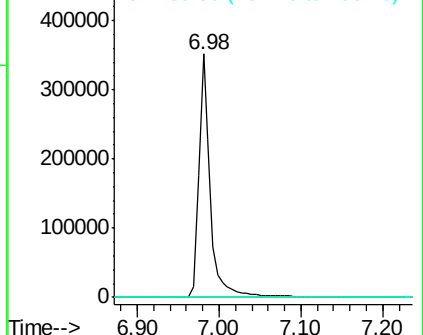
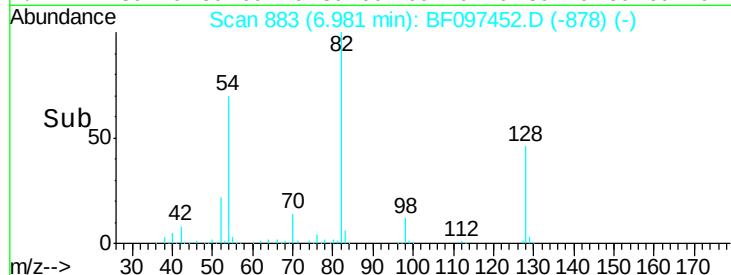
82 100

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: 20.00 ng

RT: 9.43 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF097452.D

Acq: 8 Aug 2017 2:45

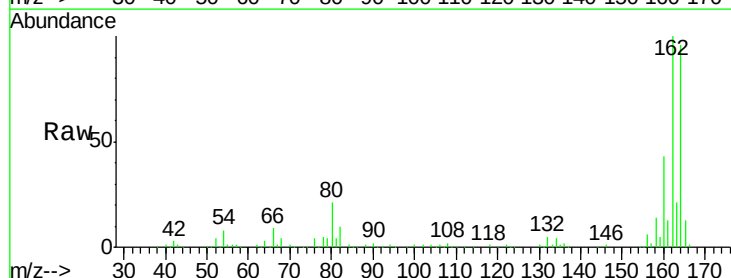
Tgt Ion:164 Resp: 155088

Ion Ratio Lower Upper

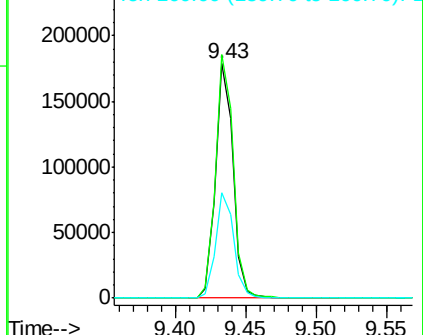
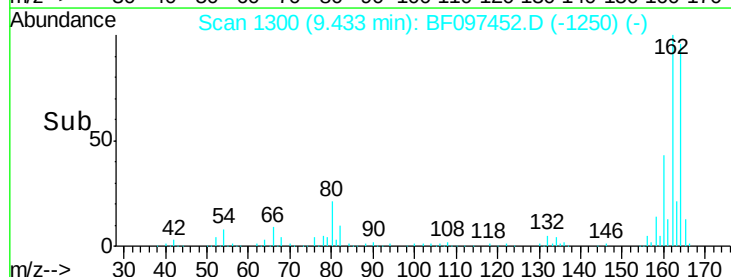
164 100

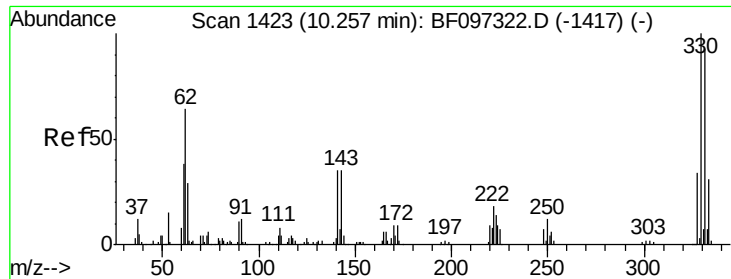
162 103.9 82.6 123.8

160 44.7 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

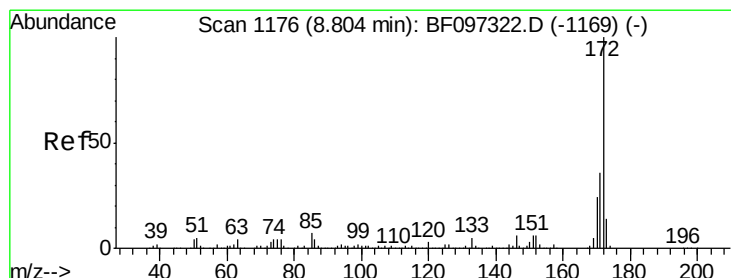
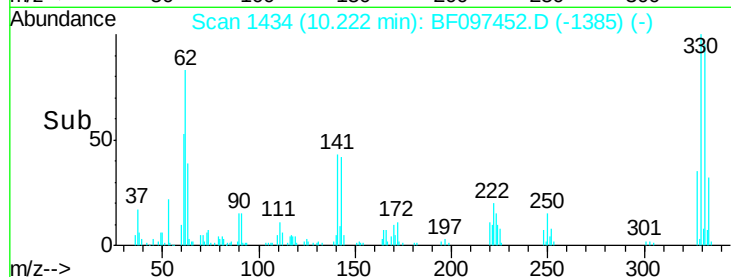
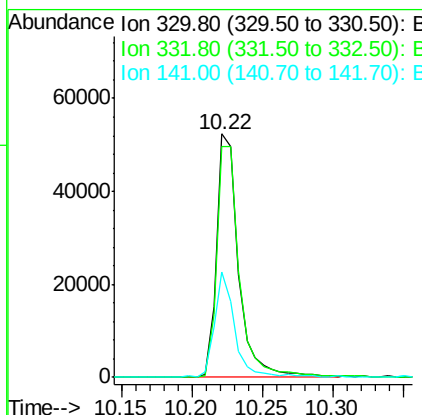
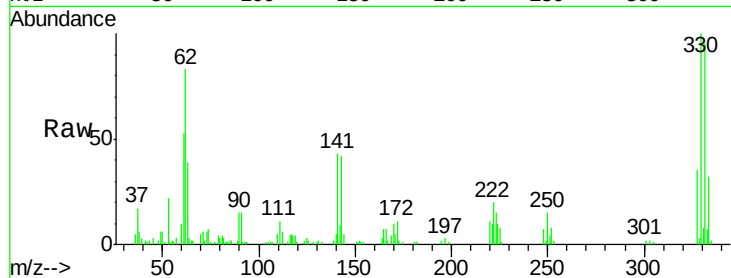




#41
 2,4,6-Tribromophenol
 Concen: 46.59 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097452.D
 Acq: 8 Aug 2017 2:45

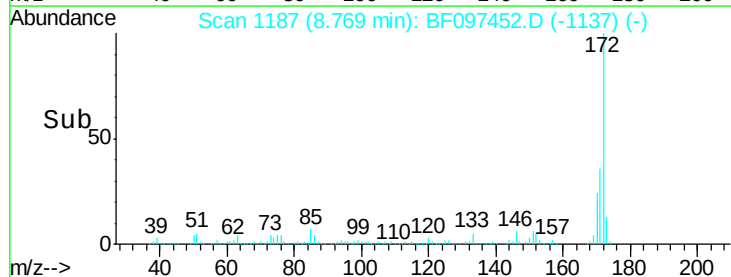
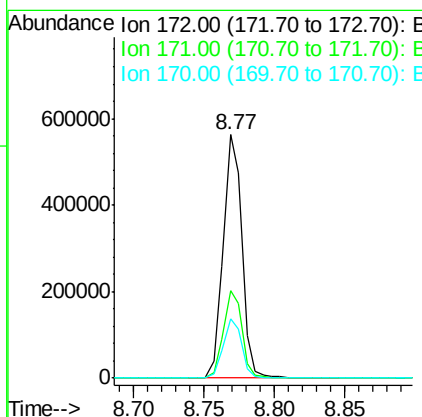
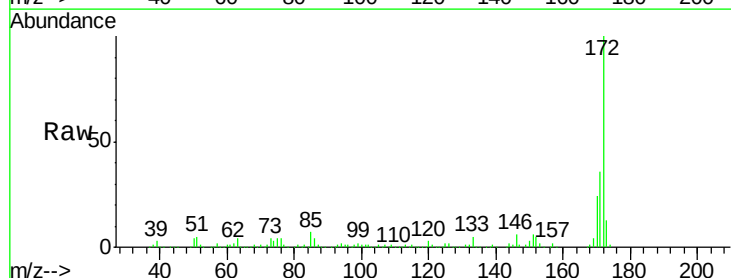
Instrument :
 BNA_F
 ClientSampleId :
 E2-O10-ESW

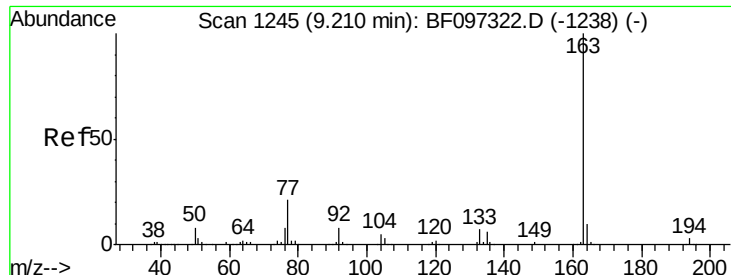
Tot Ion:330 Resp: 57090
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.6 115.0
 141 39.7 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 56.90 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097452.D
 Acq: 8 Aug 2017 2:45

Tgt Ion:172 Resp: 520010
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.2 19.8 29.8

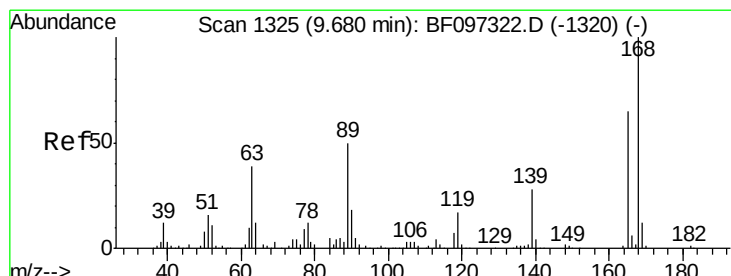
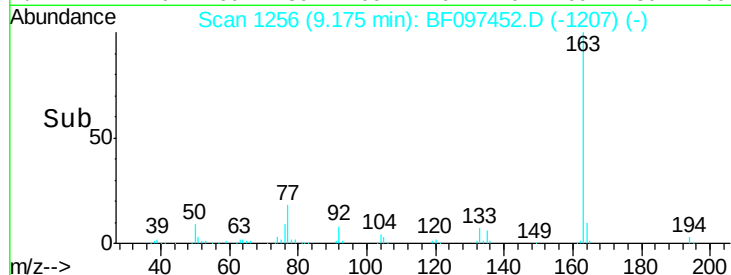
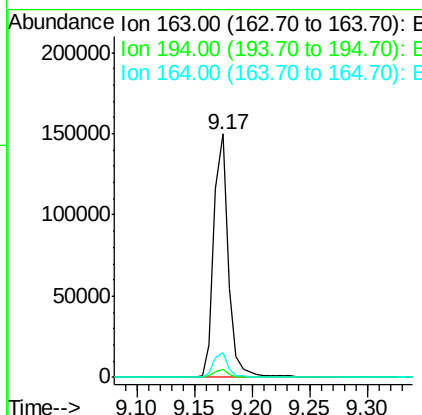
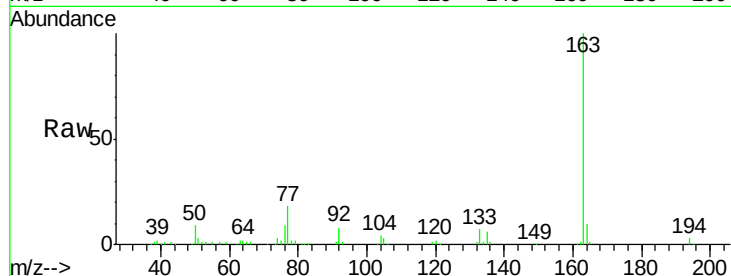




#49
Dimethylphthalate
Concen: 11.13 ng
RT: 9.17 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF097452.D
Acq: 8 Aug 2017 2:45

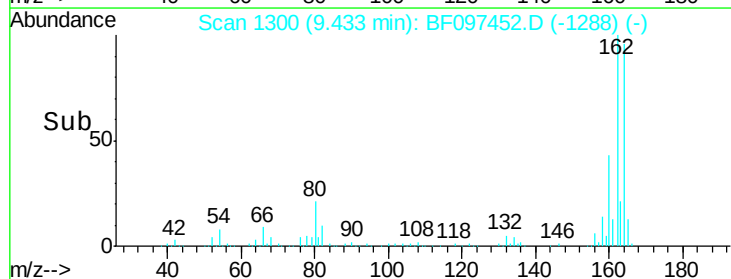
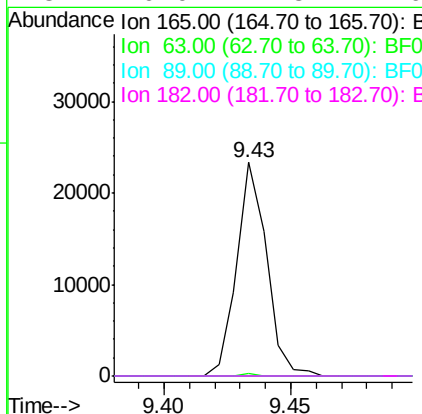
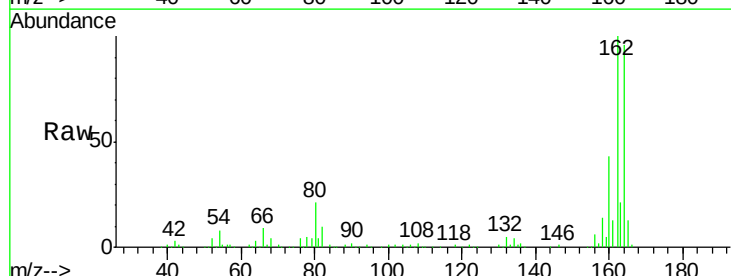
Instrument :
BNA_F
ClientSampleId :
E2-O10-ESW

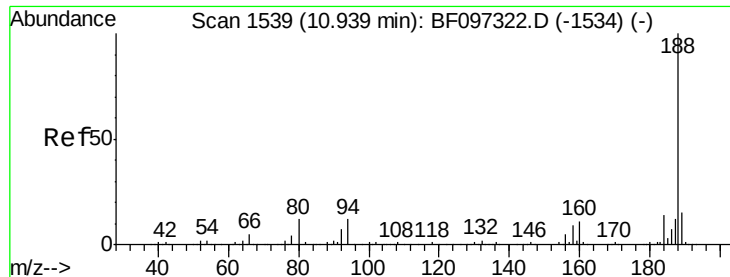
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.2	8.4	12.6



#56
2,4-Dinitrotoluene
Concen: 6.65 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.23 min
Lab File: BF097452.D
Acq: 8 Aug 2017 2:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

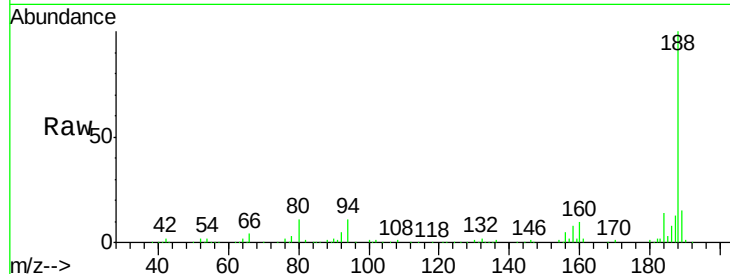




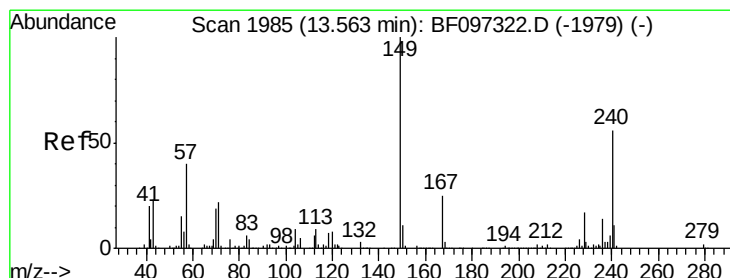
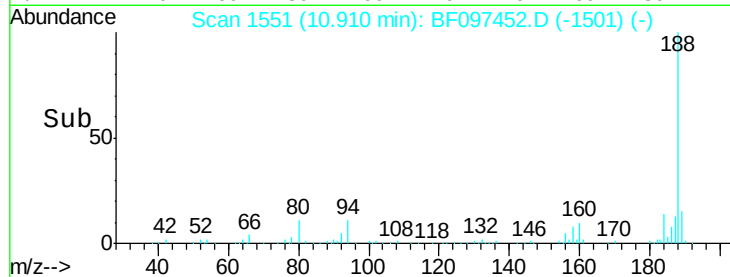
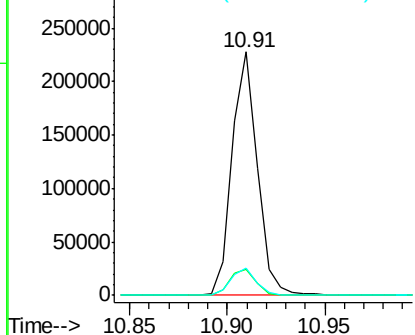
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097452.D
Acq: 8 Aug 2017 2:45

Instrument :
BNA_F
ClientSampleId :
E2-O10-ESW

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.3	10.2	15.2

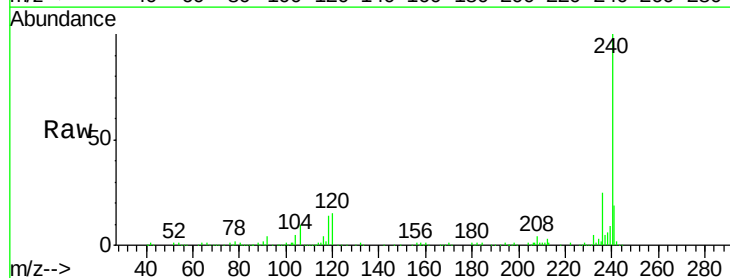


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

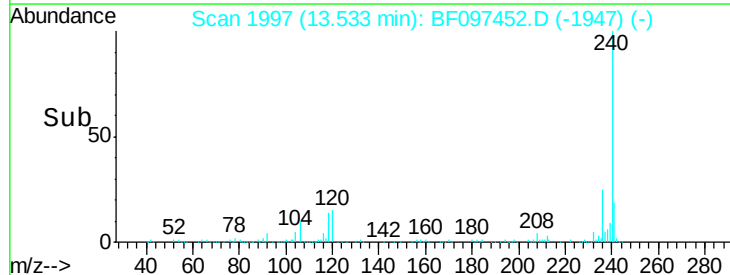
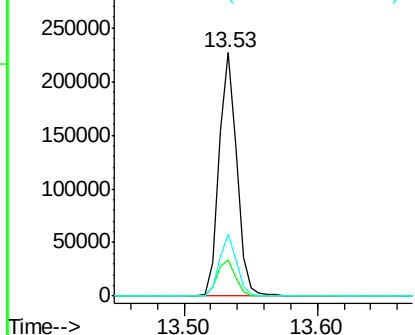


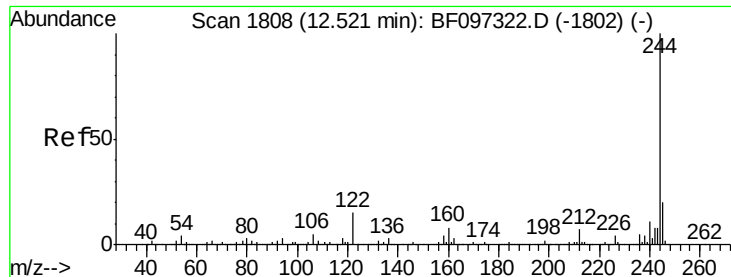
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097452.D
Acq: 8 Aug 2017 2:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	25.2	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: 31.02 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097452.D

Acq: 8 Aug 2017 2:45

Instrument :

BNA_F

ClientSampleId :

E2-O10-ESW

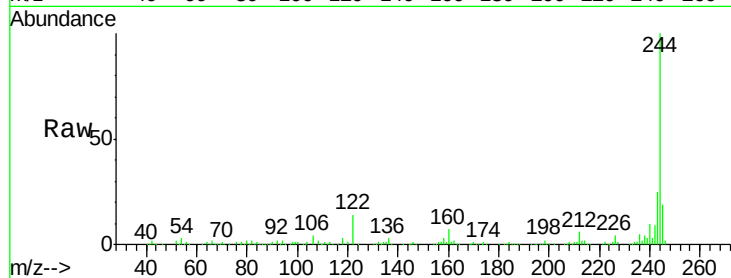
Tot Ion:244 Resp: 326499

Ion Ratio Lower Upper

244 100

212 6.1 6.0 9.0

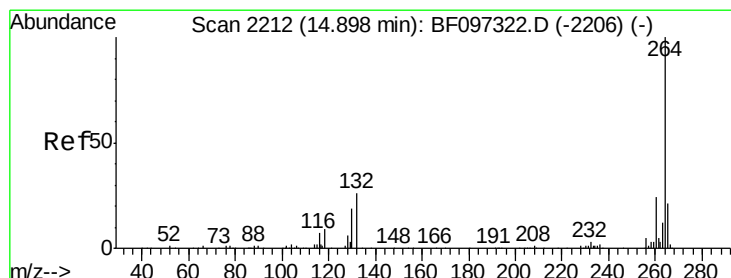
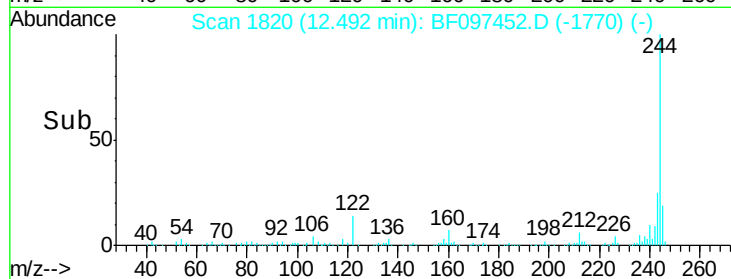
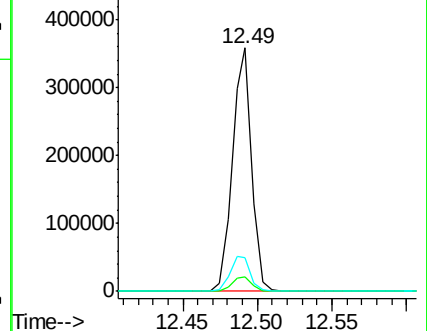
122 13.7 10.3 15.5



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: 14.87 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF097452.D

Acq: 8 Aug 2017 2:45

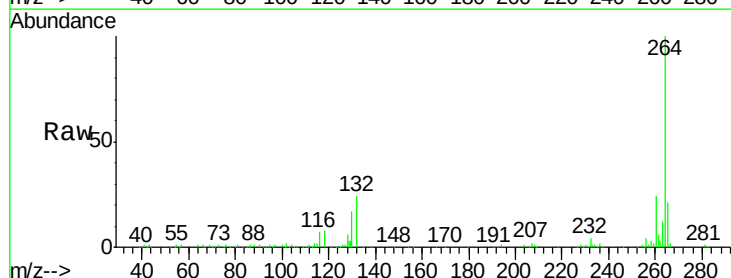
Tgt Ion:264 Resp: 148966

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 20.6 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

