

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

Instrument :
 BNA_F
 ClientSampleId :
 E2-O10-ESW

Quant Time: Aug 08 07:19:59 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

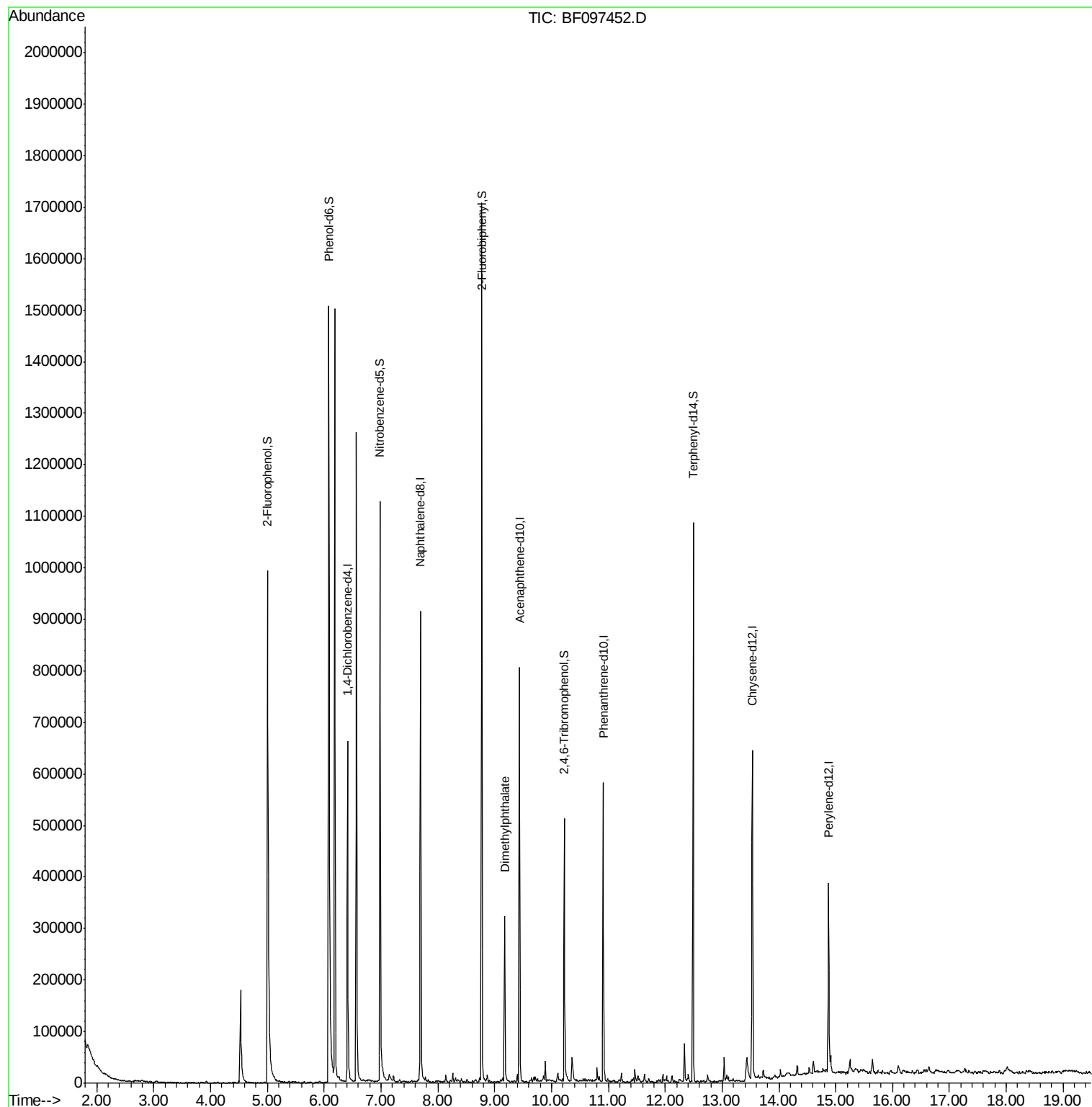
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	100299	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	403481	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	155088	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	204938	20.00	ng	0.00
75) Chrysene-d12	13.53	240	214571	20.00	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						Qvalue
49) Dimethylphthalate	9.17	163	131101	11.132	ng	99

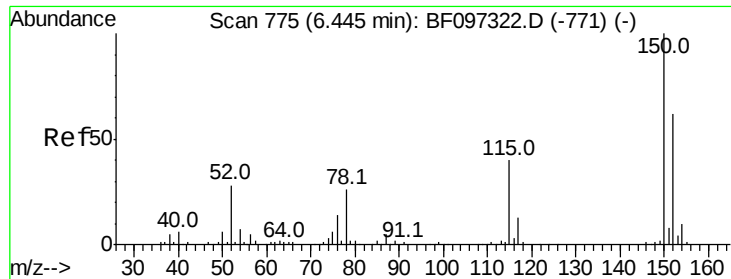
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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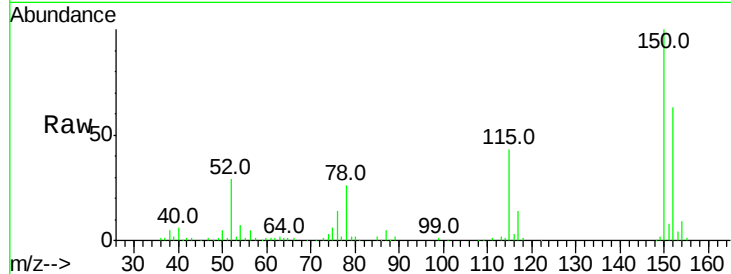


#1

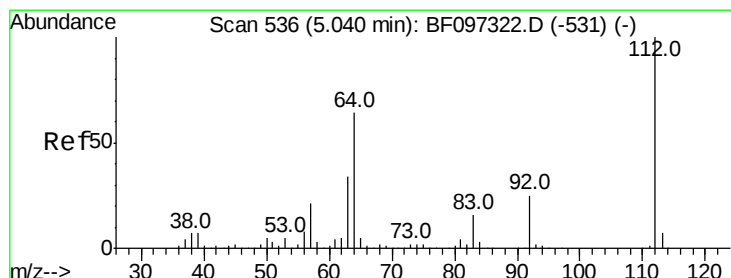
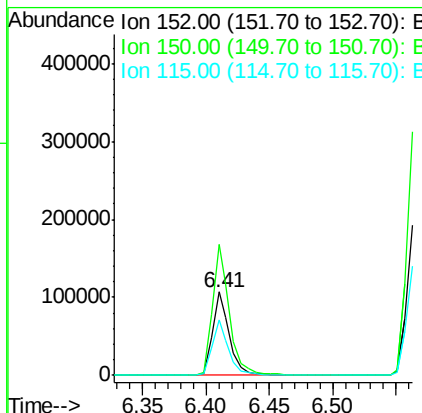
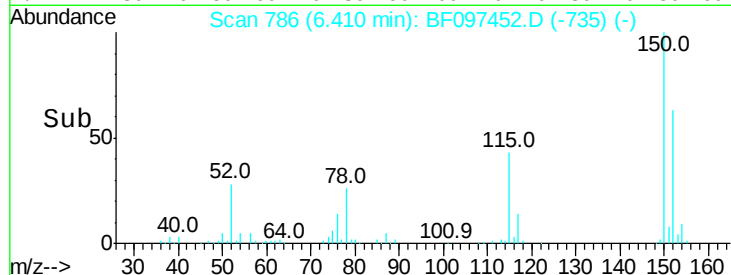
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.41 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF097452.D
 Acq: 8 Aug 2017 2:45

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



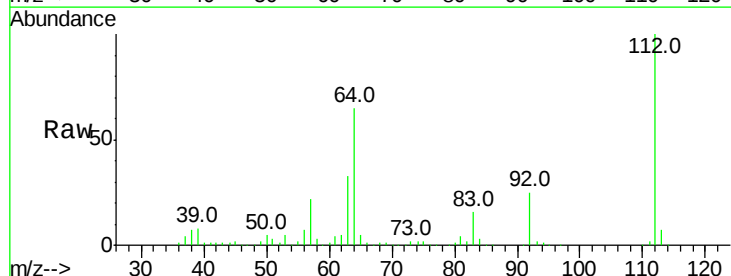
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



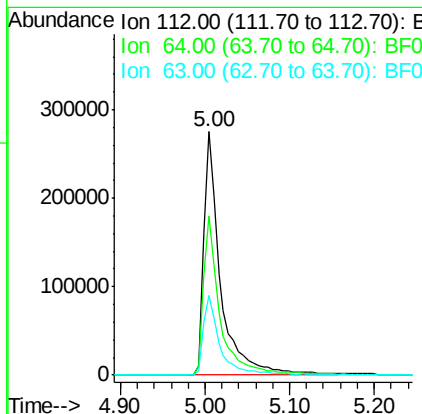
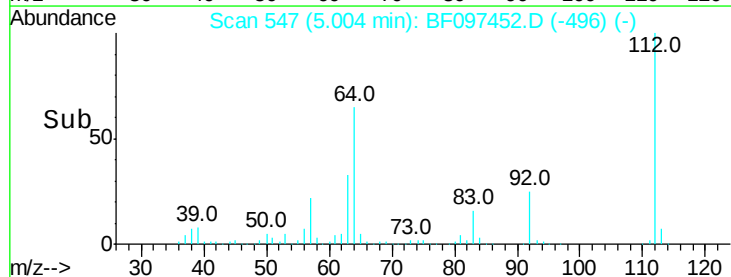
#5

2-Fluorophenol
 Concen: 57.019 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



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: 75.104 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

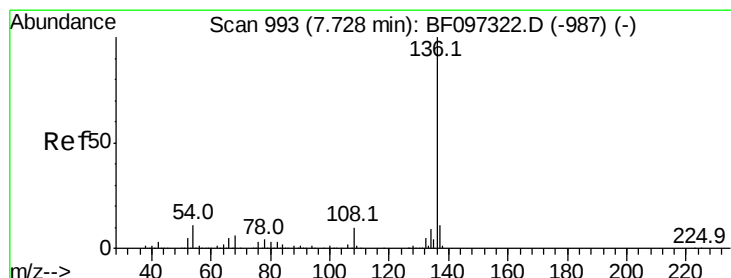
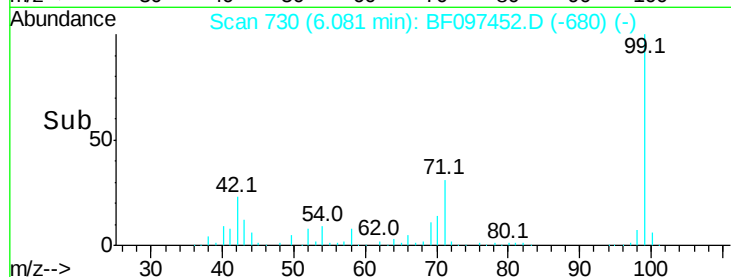
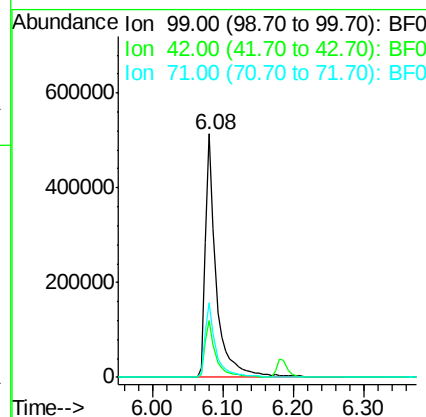
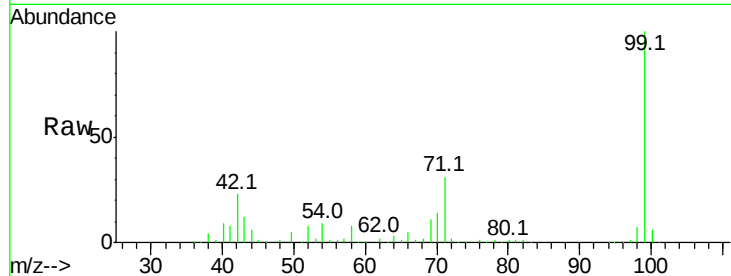
Tot Ion: 99 Resp: 570466

Ion Ratio Lower Upper

99 100

42 23.4 13.5 20.3#

71 30.9 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.69 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF097452.D

Acq: 8 Aug 2017 2:45

Tgt Ion: 136 Resp: 403481

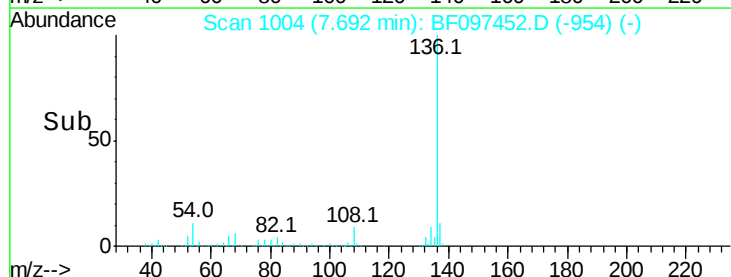
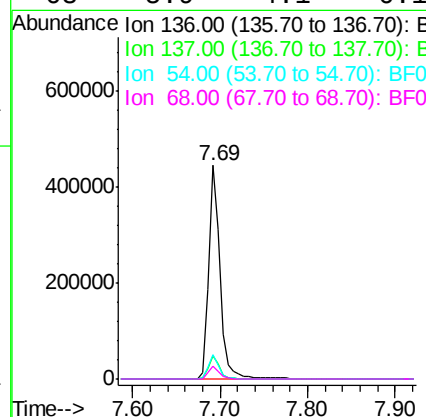
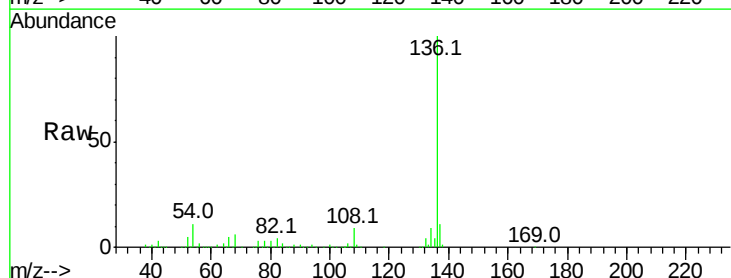
Ion Ratio Lower Upper

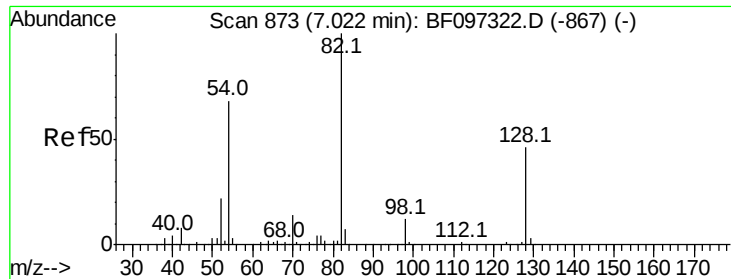
136 100

137 10.7 8.5 12.7

54 11.1 4.9 7.3#

68 5.9 4.1 6.1

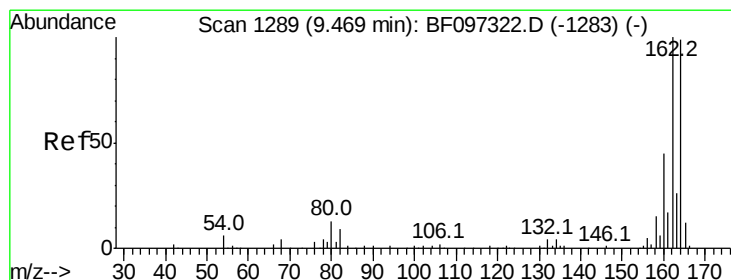
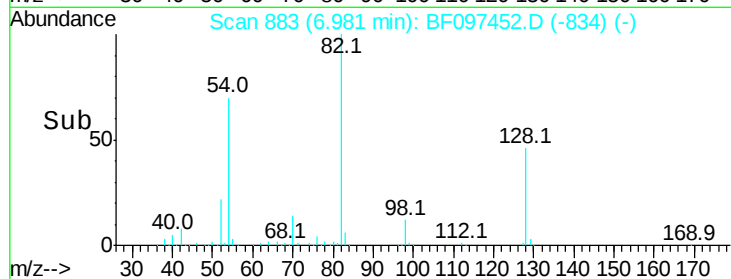
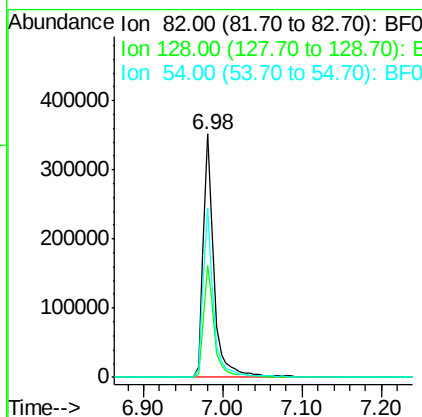
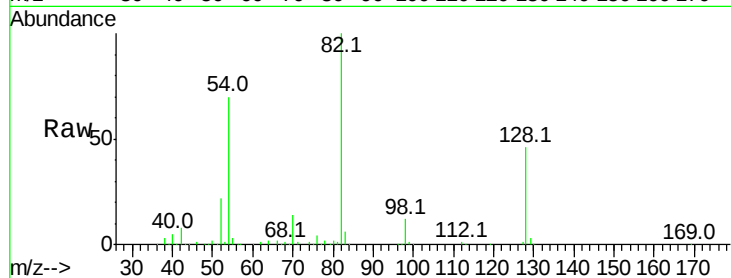




#23
 Nitrobenzene-d5
 Concen: 50.112 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF097452.D
 Acq: 8 Aug 2017 2:45

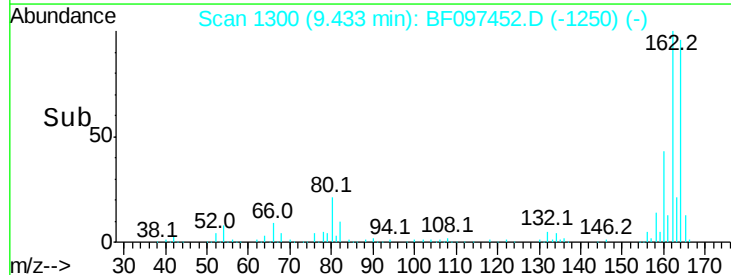
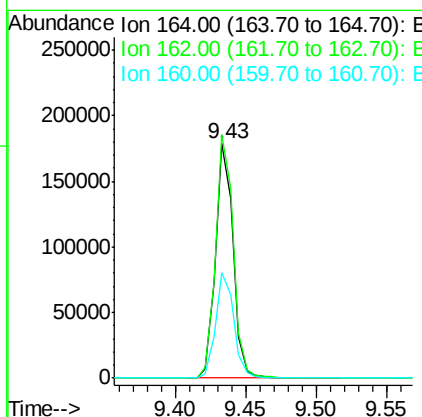
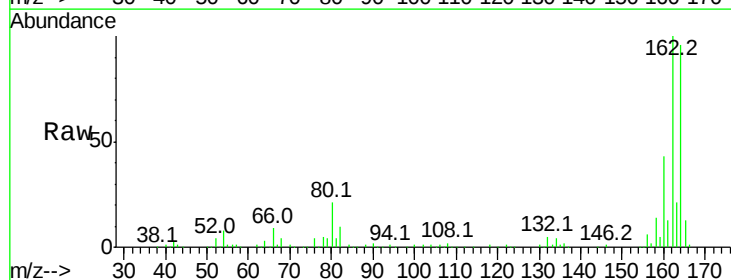
Instrument :
 BNA_F
 ClientSampleId :
 E2-O10-ESW

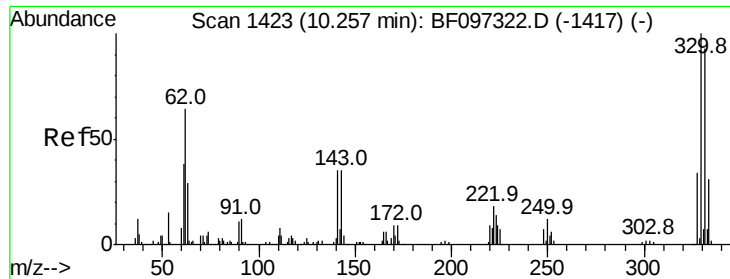
Tot Ion: 82 Resp: 344664
 Ion Ratio Lower Upper
 82 100
 128 45.8 34.0 51.0
 54 69.8 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 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

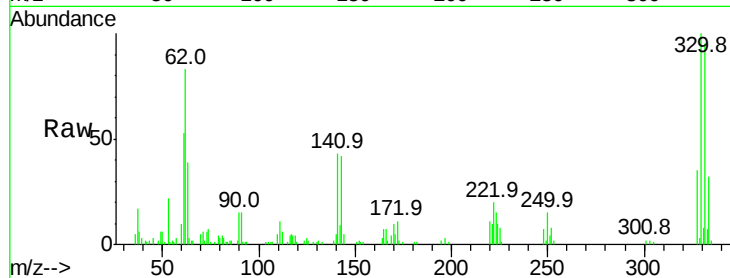




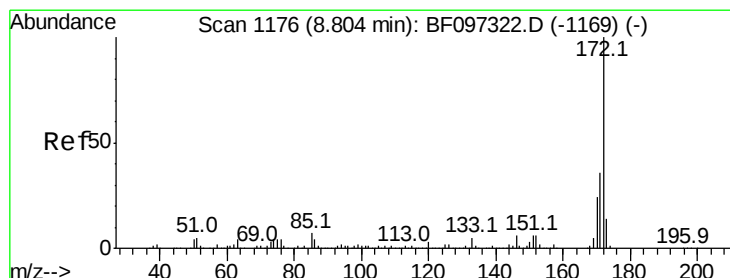
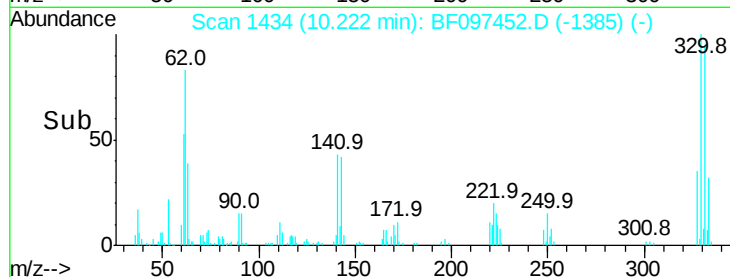
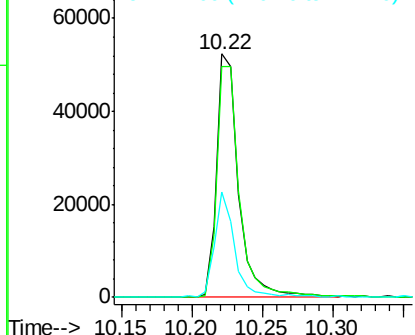
#41
 2,4,6-Tribromophenol
 Concen: 46.591 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097452.D
 Acq: 8 Aug 2017 2:45

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

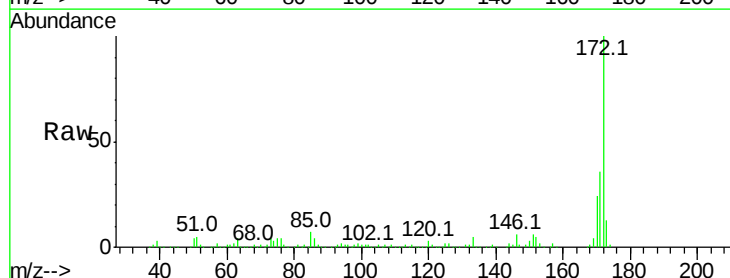


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

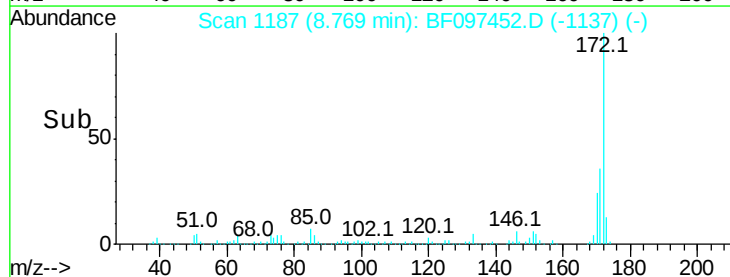
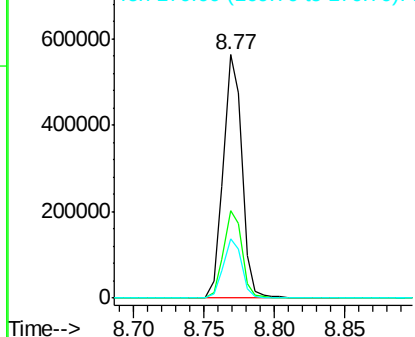


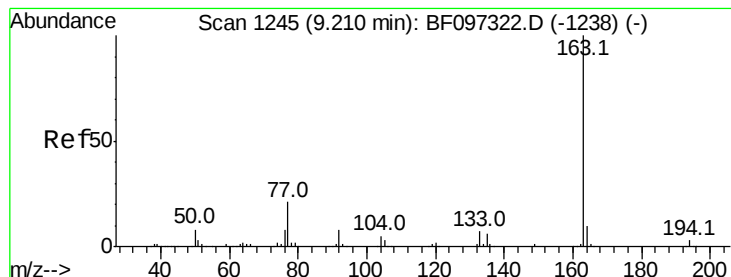
#44
 2-Fluorobiphenyl
 Concen: 56.904 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097452.D
 Acq: 8 Aug 2017 2:45

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



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: 11.132 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

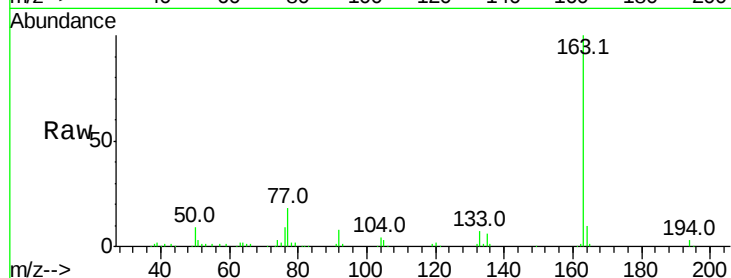
Tot Ion:163 Resp: 131101

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

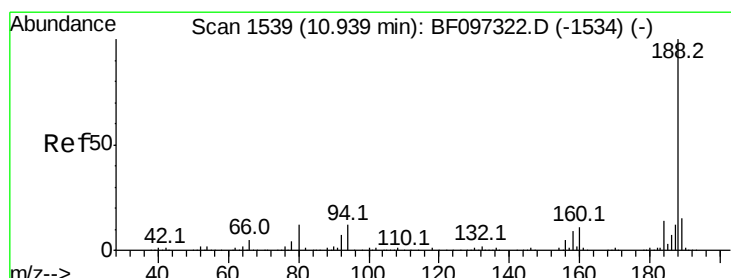
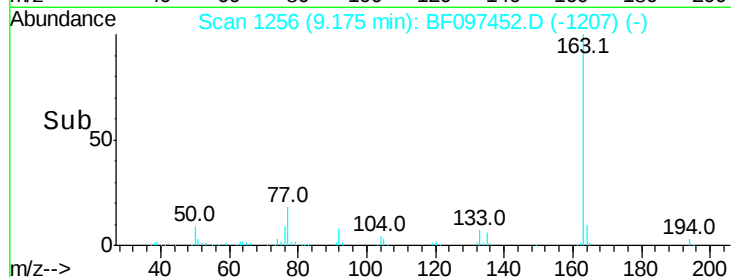
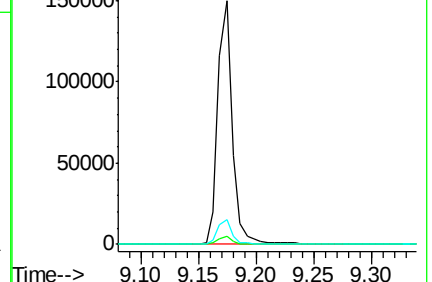
164 10.2 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.91 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF097452.D

Acq: 8 Aug 2017 2:45

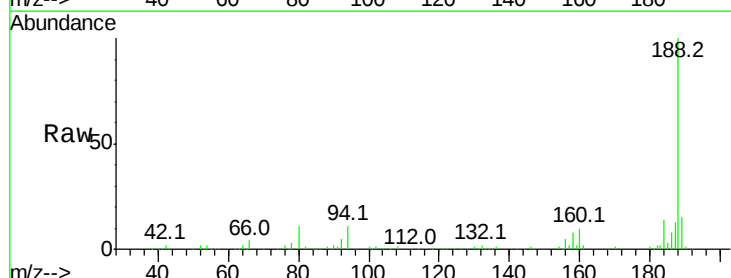
Tgt Ion:188 Resp: 204938

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

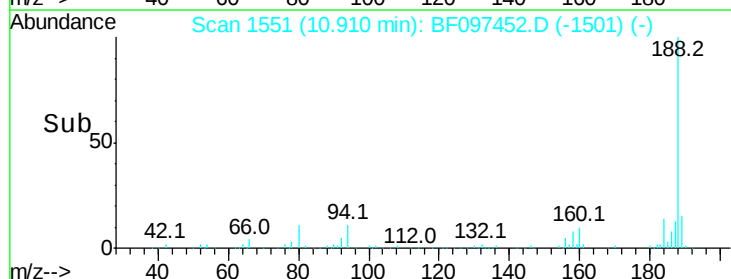
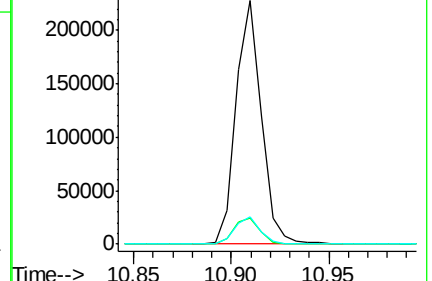
80 11.3 10.2 15.2

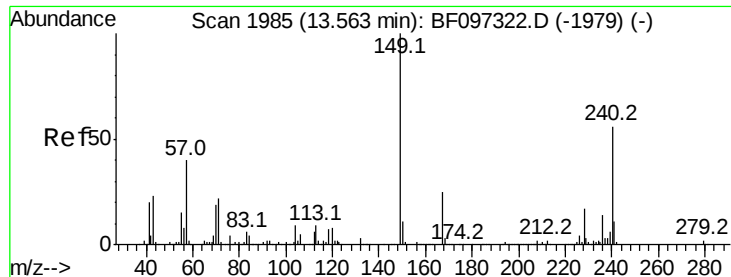


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097452.D

Acq: 8 Aug 2017 2:45

Instrument :

BNA_F

ClientSampleId :

E2-O10-ESW

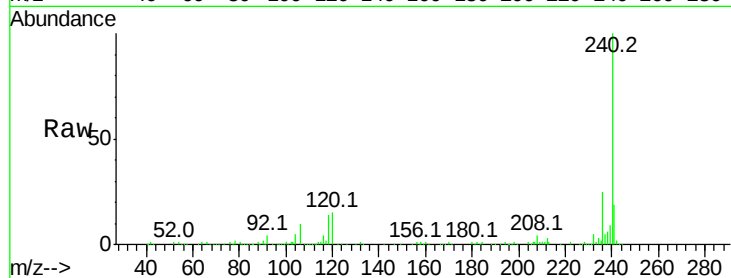
Tot Ion:240 Resp: 214571

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

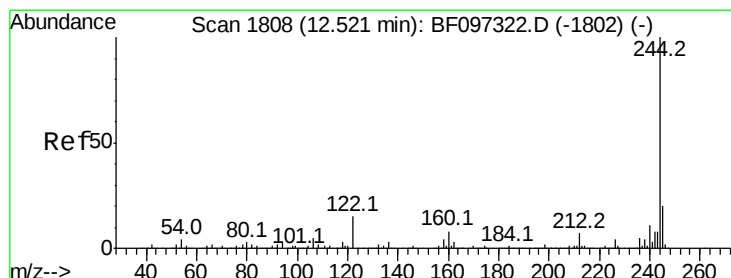
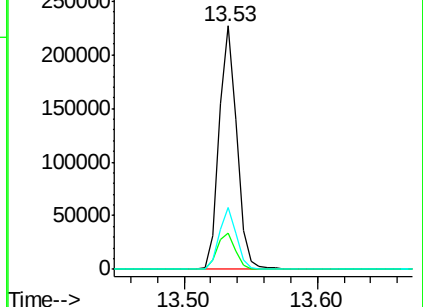
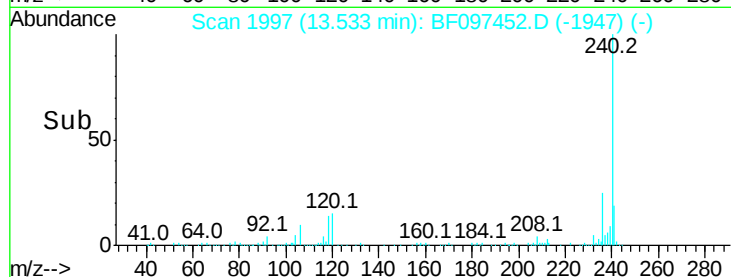
236 25.2 20.5 30.7



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: 31.024 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097452.D

Acq: 8 Aug 2017 2:45

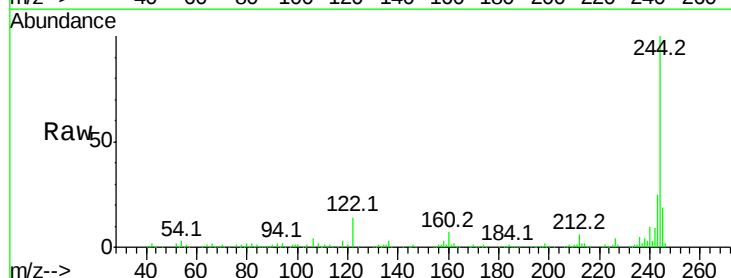
Tgt Ion:244 Resp: 326499

Ion Ratio Lower Upper

244 100

212 6.1 6.0 9.0

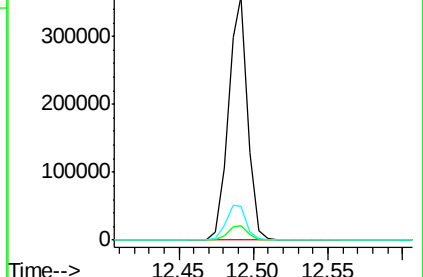
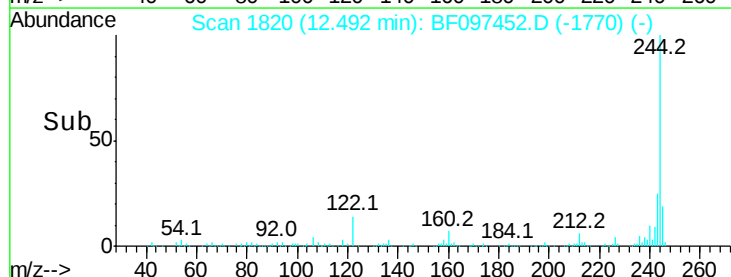
122 13.7 10.3 15.5

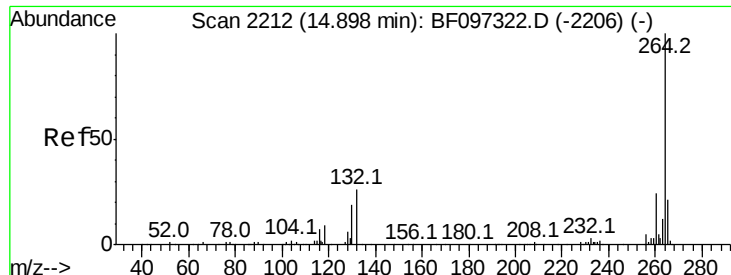


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

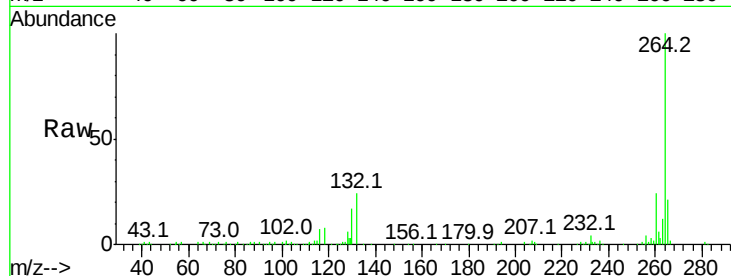




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.87 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF097452.D
Acq: 8 Aug 2017 2:45

Instrument :
BNA_F
ClientSampleId :
E2-O10-ESW

Tot Ion	Ratio	Lower	Upper
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

