

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097850.D
 Acq On : 18 Aug 2017 23:25
 Operator : SJ/JU
 Sample : I4646-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESW

Quant Time: Aug 19 01:42:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

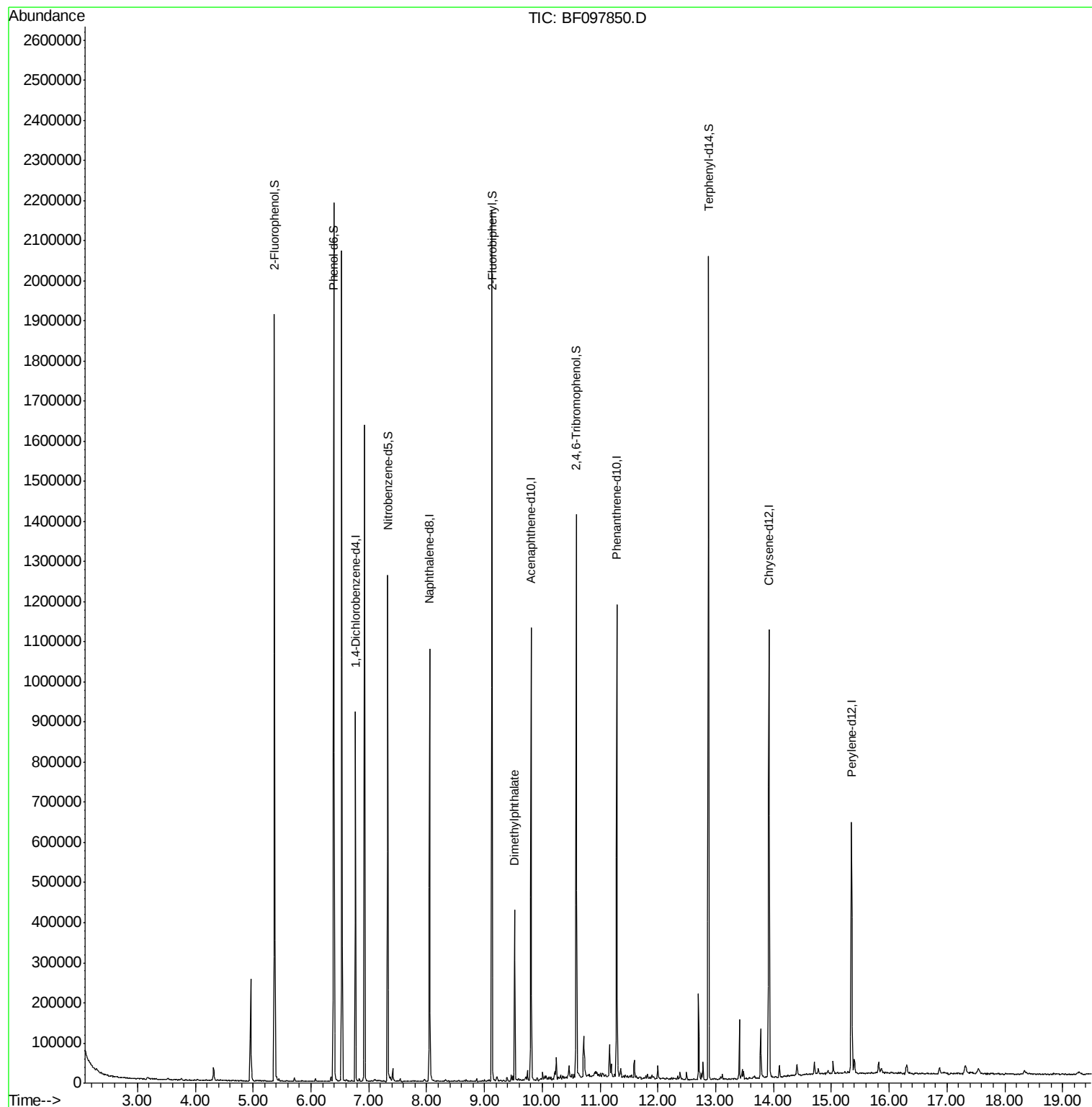
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	112044	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	450106	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	201961	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	402177	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	358998	20.00	ng	-0.02
86) Perylene-d12	15.35	264	268448	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	553881	75.19	ng	-0.02
7) Phenol-d6	6.40	99	742514	74.19	ng	-0.01
23) Nitrobenzene-d5	7.33	82	459872	55.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	139870	79.82	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	625620	45.51	ng	-0.02
78) Terphenyl-d14	12.87	244	588478	34.18	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.52	163	139549	9.453	ng	Qvalue 100

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

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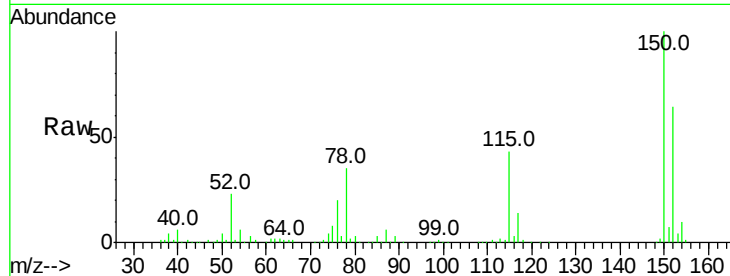


#1

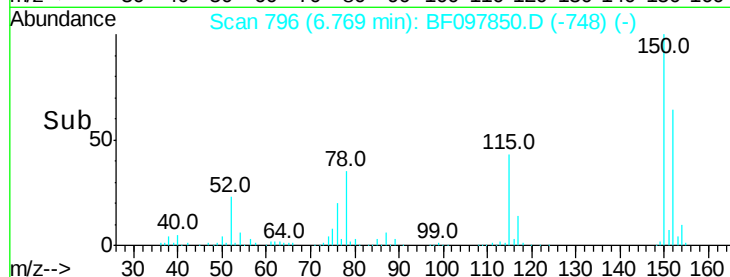
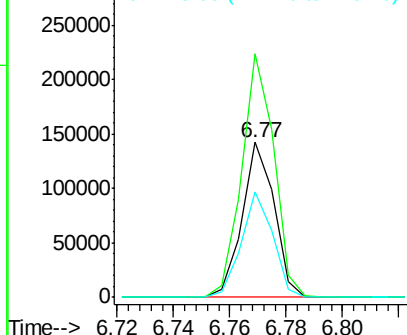
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF097850.D
Acq: 18 Aug 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESW

Tot Ion:152 Resp: 112044
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.2
115 67.8 52.2 78.2



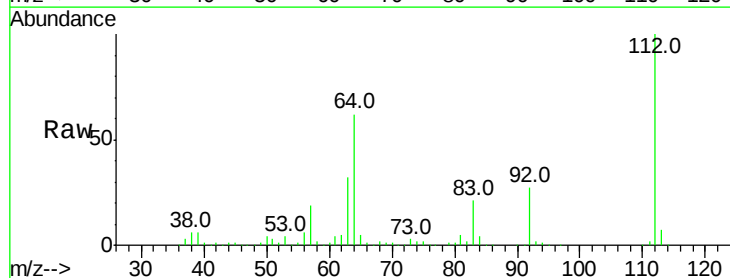
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



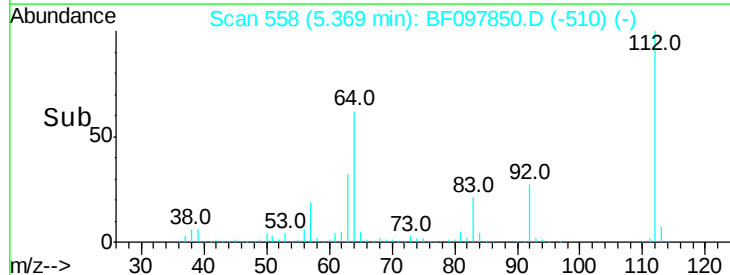
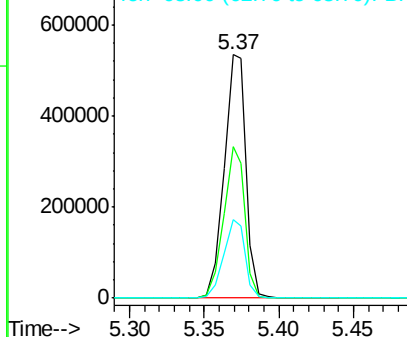
#5

2-Fluorophenol
Concen: 75.193 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.02 min
Lab File: BF097850.D
Acq: 18 Aug 2017 23:25

Tgt Ion:112 Resp: 553881
Ion Ratio Lower Upper
112 100
64 62.1 46.0 69.0
63 32.3 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: 74.189 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF097850.D

Acq: 18 Aug 2017 23:25

Instrument :

BNA_F

ClientSampleId :

E2-L10-ESW

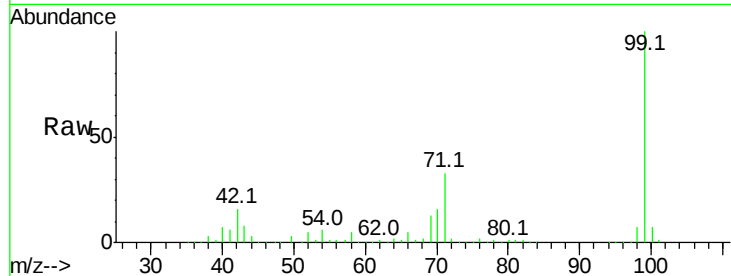
Tot Ion: 99 Resp: 742514

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

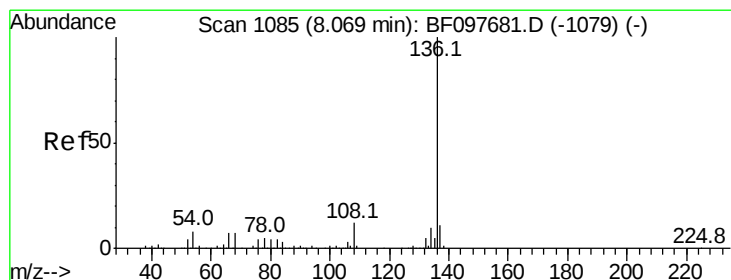
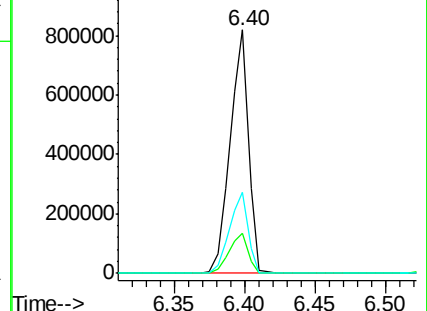
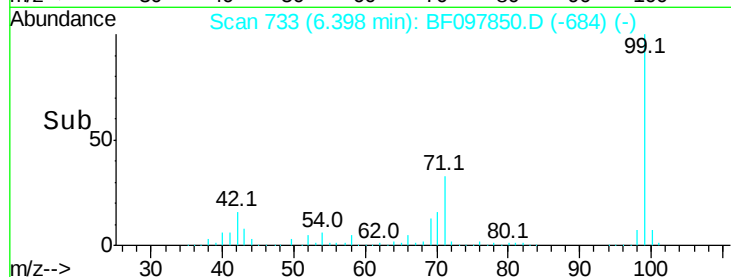
71 33.4 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF097850.D

Acq: 18 Aug 2017 23:25

Tgt Ion: 136 Resp: 450106

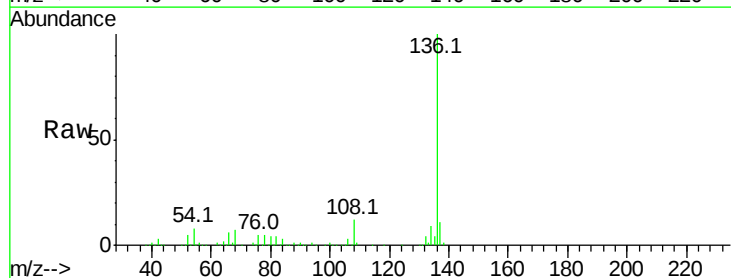
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 7.8 4.9 7.3#

68 7.4 4.1 6.1#

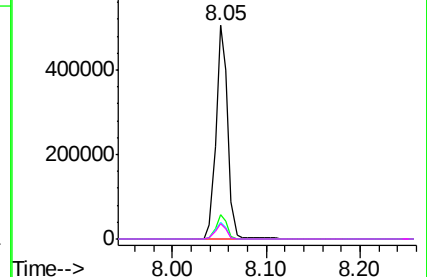
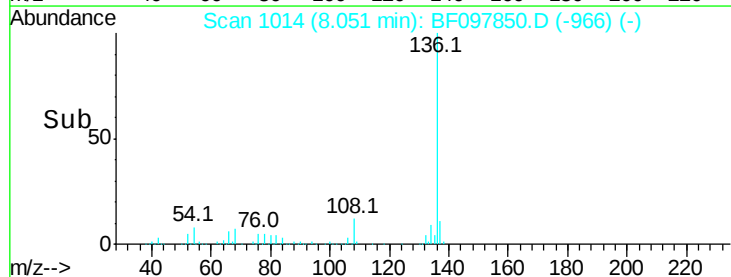


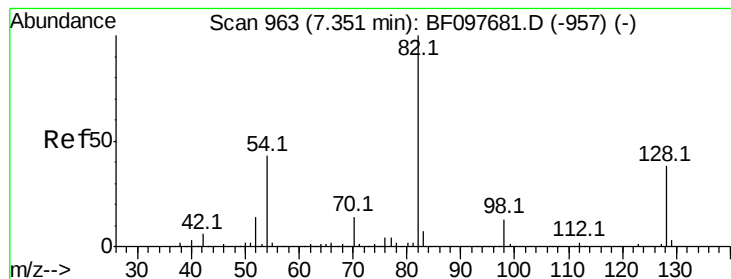
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 55.503 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.02 min

Lab File: BF097850.D

Acq: 18 Aug 2017 23:25

Instrument :

BNA_F

ClientSampleId :

E2-L10-ESW

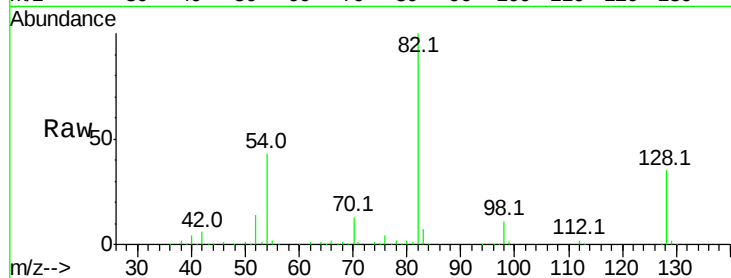
Tot Ion: 82 Resp: 459872

Ion Ratio Lower Upper

82 100

128 35.1 34.0 51.0

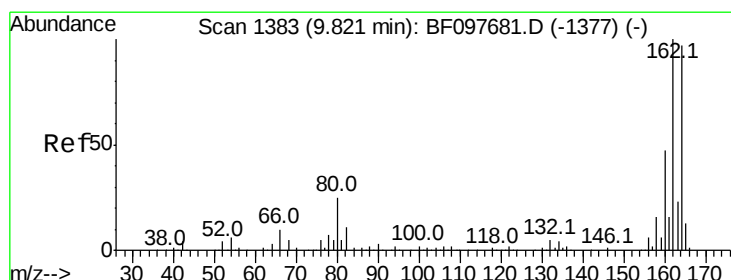
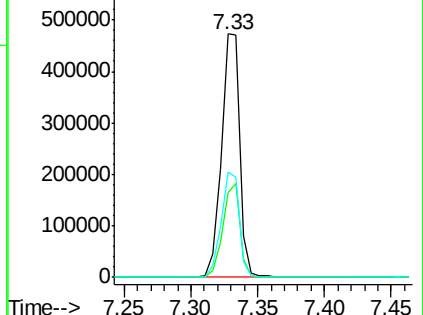
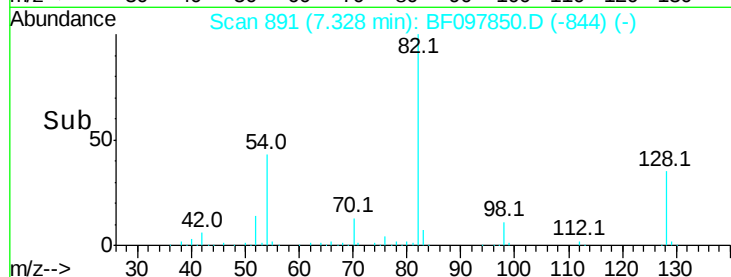
54 43.4 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF097850.D

Acq: 18 Aug 2017 23:25

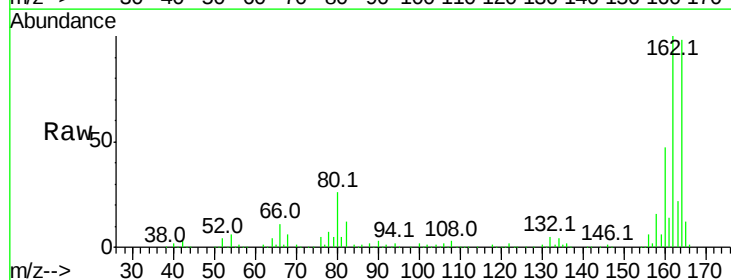
Tgt Ion:164 Resp: 201961

Ion Ratio Lower Upper

164 100

162 102.0 82.6 123.8

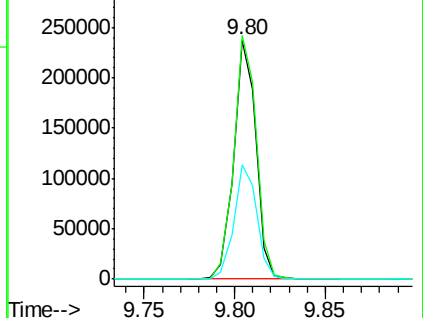
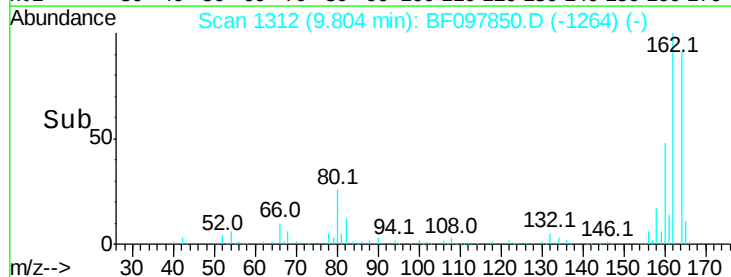
160 48.2 36.2 54.2

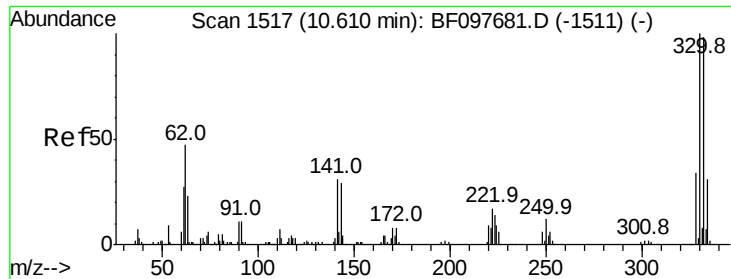


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

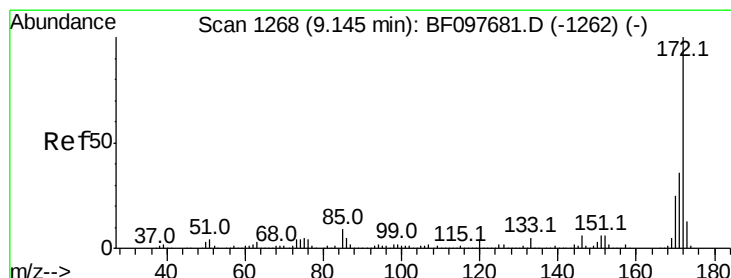
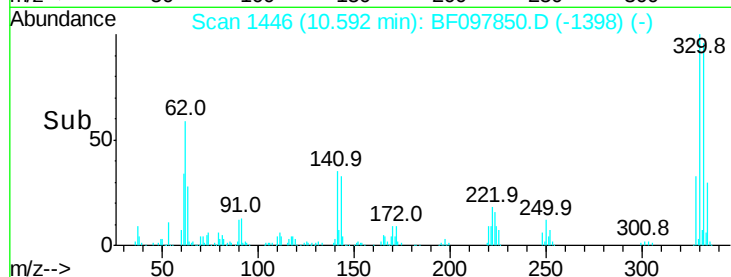
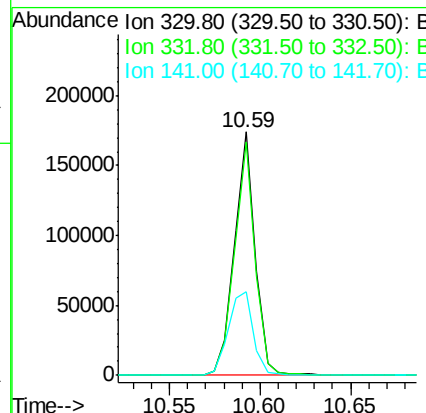
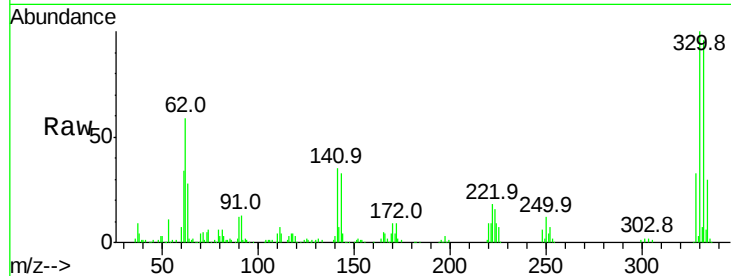




#41
 2,4,6-Tribromophenol
 Concen: 79.819 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF097850.D
 Acq: 18 Aug 2017 23:25

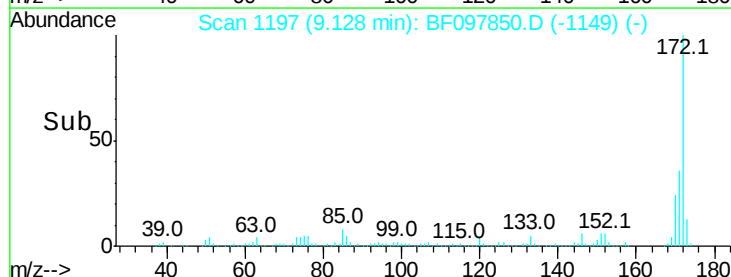
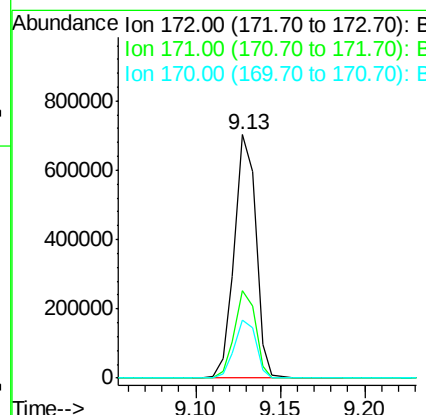
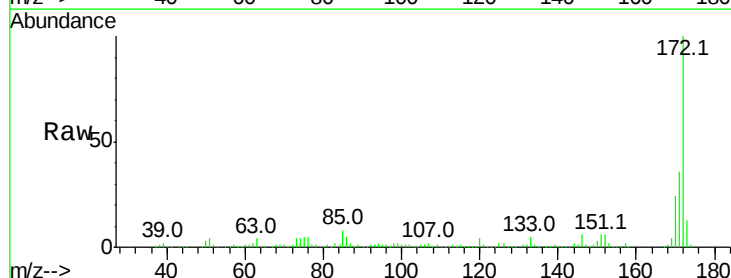
Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESW

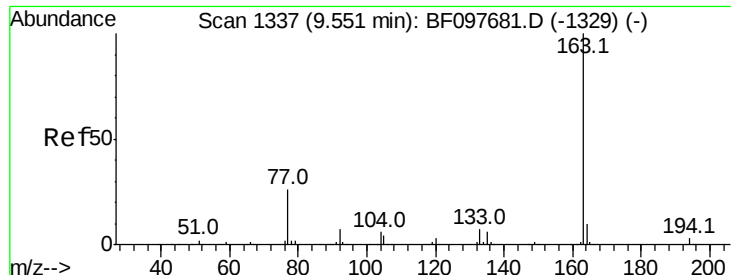
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	41.8	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 45.512 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF097850.D
 Acq: 18 Aug 2017 23:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.0	19.8	29.8

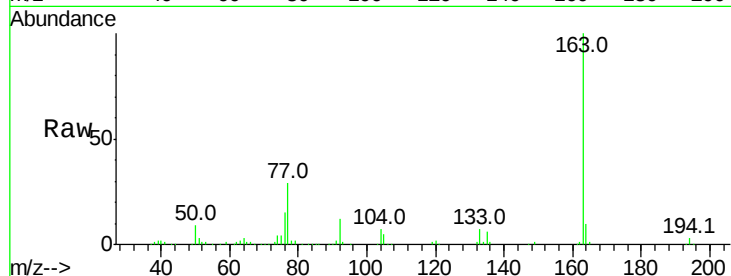




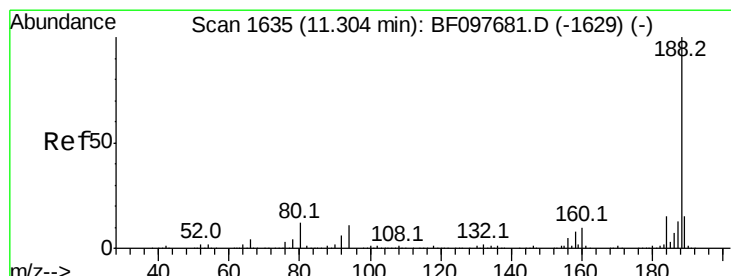
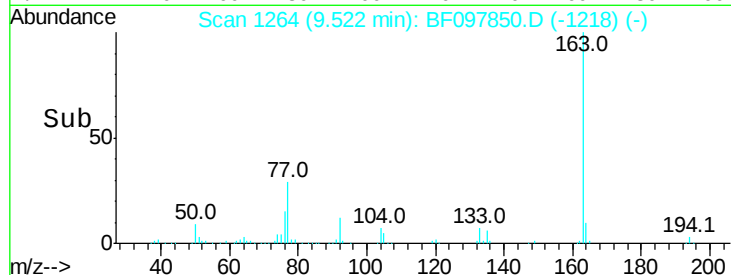
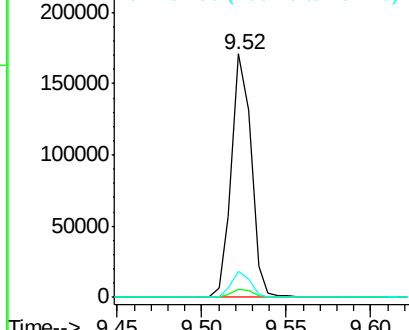
#49
 Dimethylphthalate
 Concen: 9.453 ng
 RT: 9.52 min Scan# 1264
 Delta R.T. -0.03 min
 Lab File: BF097850.D
 Acq: 18 Aug 2017 23:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESW

Tot Ion:163 Resp: 139549
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 10.5 8.4 12.6

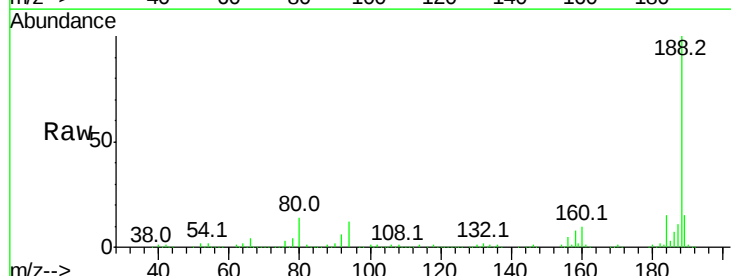


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

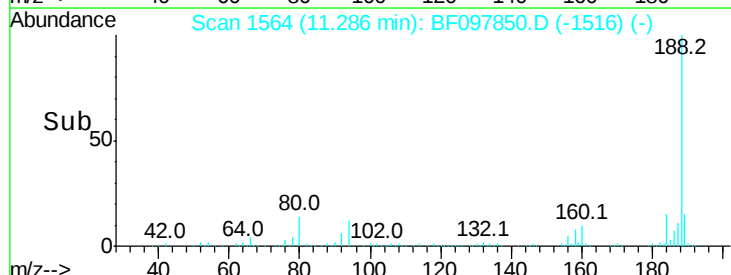
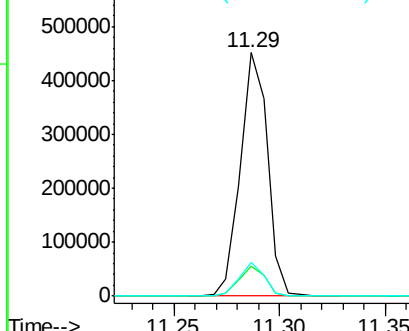


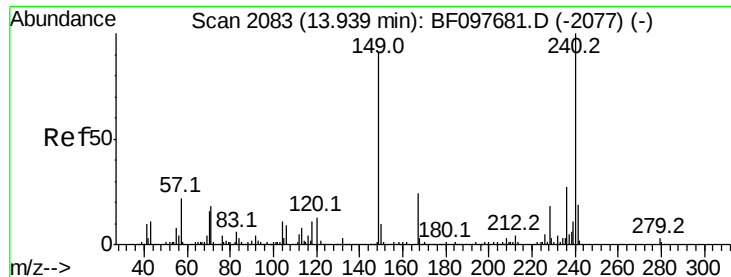
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.02 min
 Lab File: BF097850.D
 Acq: 18 Aug 2017 23:25

Tgt Ion:188 Resp: 402177
 Ion Ratio Lower Upper
 188 100
 94 12.3 9.4 14.2
 80 13.6 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: 13.92 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF097850.D

Acq: 18 Aug 2017 23:25

Instrument :

BNA_F

ClientSampleId :

E2-L10-ESW

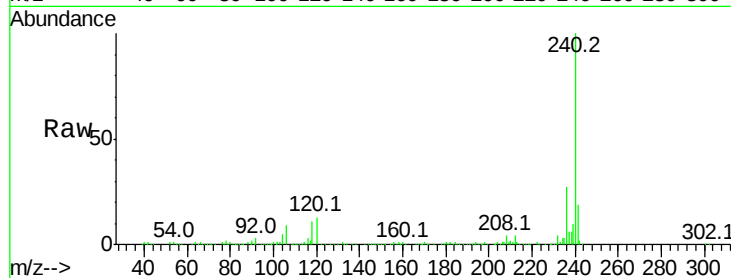
Tot Ion:240 Resp: 358998

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

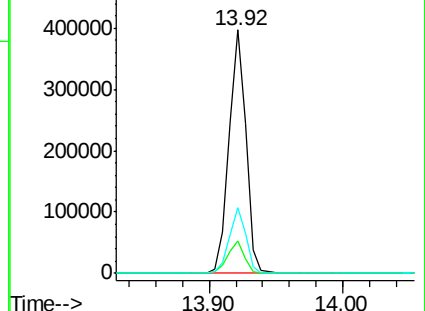
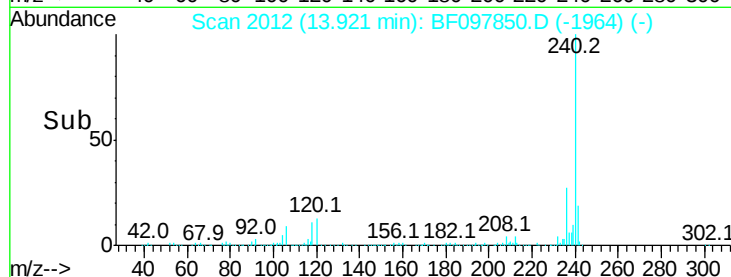
236 27.1 20.5 30.7



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: 34.183 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF097850.D

Acq: 18 Aug 2017 23:25

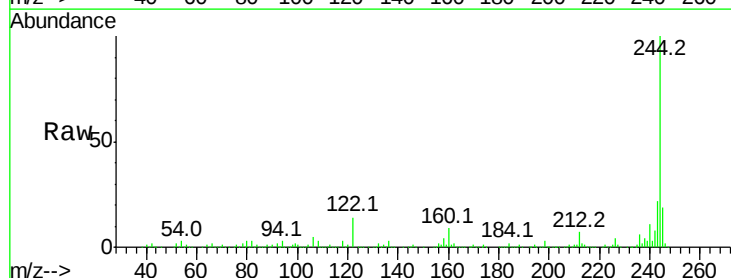
Tgt Ion:244 Resp: 588478

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

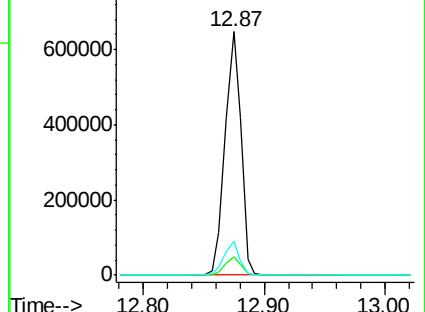
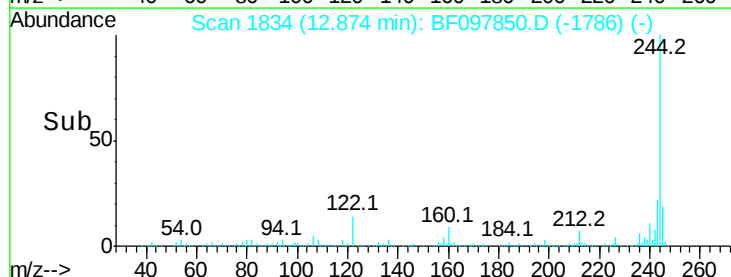
122 13.6 10.3 15.5

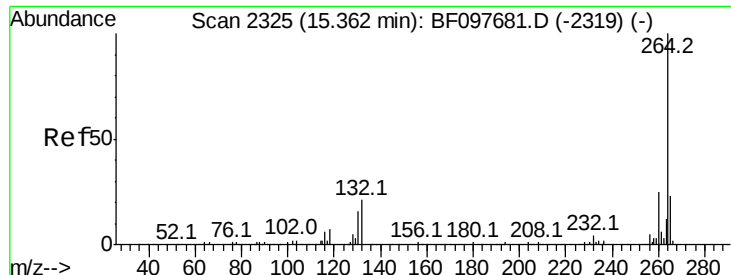


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF097850.D
Acq: 18 Aug 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESW

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.3	17.2	25.8

