

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094458.D
 Acq On : 17 Apr 2017 19:18
 Operator : SJ/MA
 Sample : I2708-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z10-BASE

Quant Time: Apr 18 02:37:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

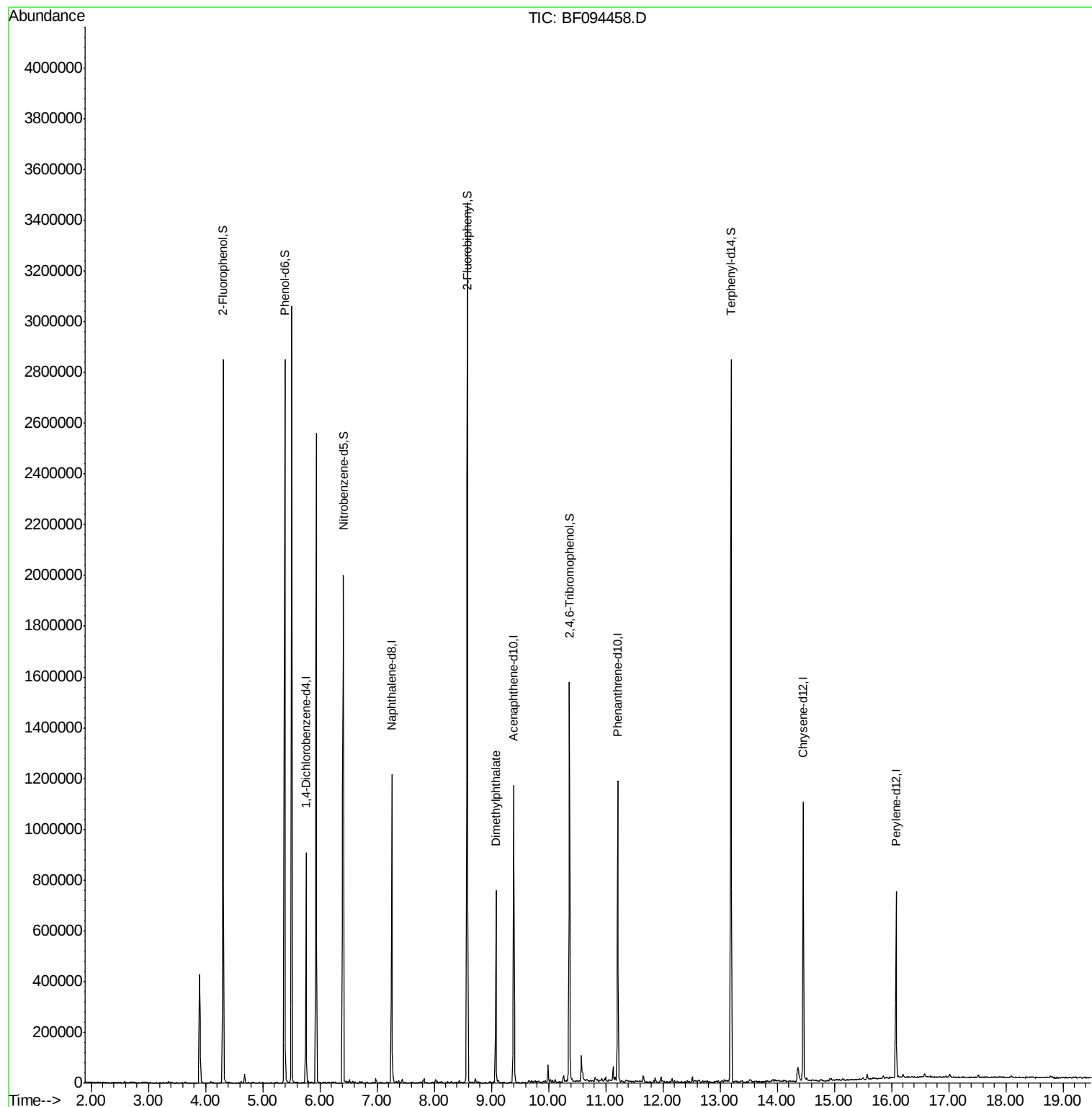
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	140315	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	593715	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	264348	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	493675	20.00	ng	0.00
75) Chrysene-d12	14.46	240	414750	20.00	ng	-0.01
86) Perylene-d12	16.08	264	286413	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	872957	103.22	ng	0.00
7) Phenol-d6	5.39	99	1159285	116.27	ng	0.00
23) Nitrobenzene-d5	6.41	82	782589	81.39	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	191278	92.51	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1424680	79.30	ng	0.00
78) Terphenyl-d14	13.19	244	1112916	71.72	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.08	163	325325	16.51	ng	99

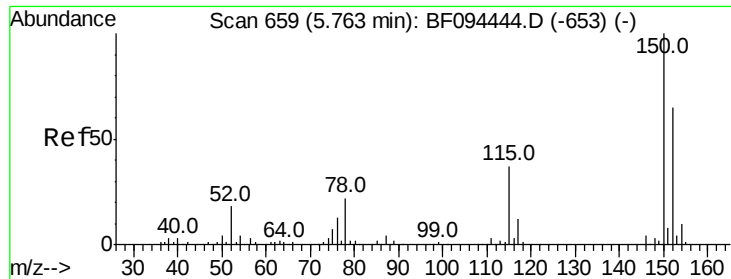
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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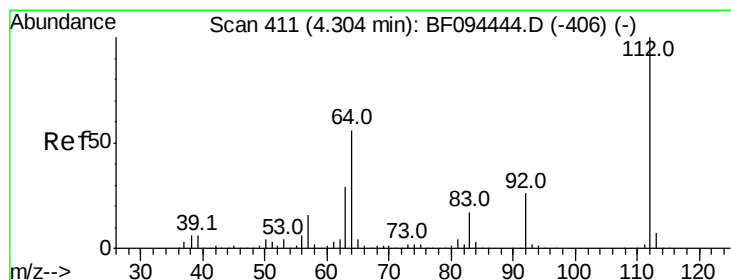
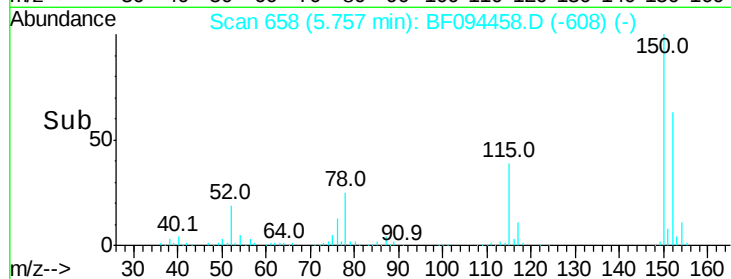
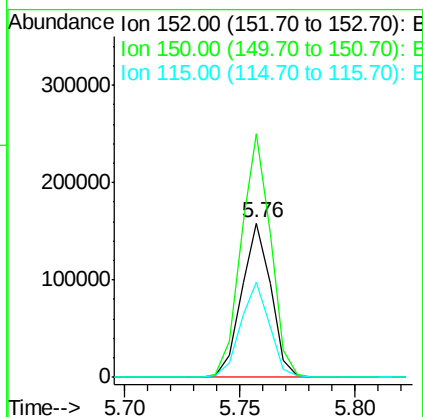
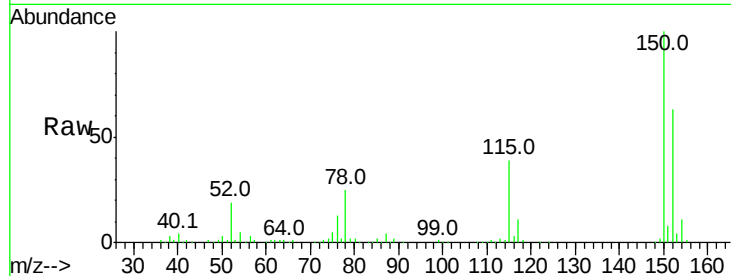


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Instrument :
BNA_F
ClientSampleId :
E2-Z10-BASE

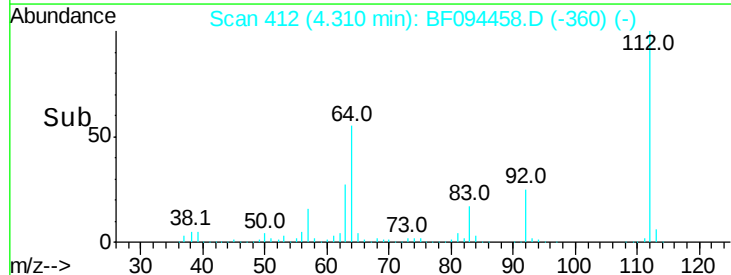
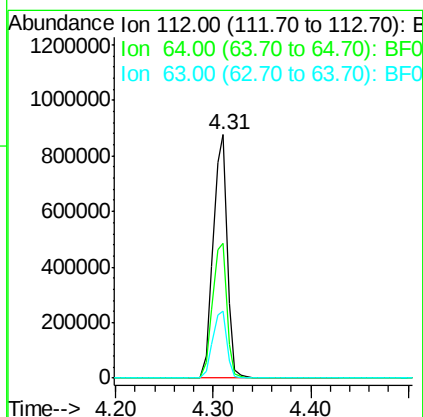
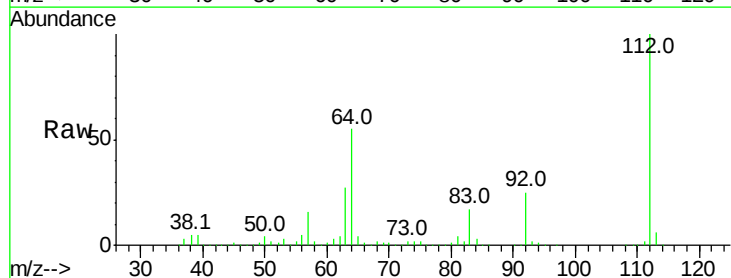
Tot Ion:152 Resp: 140315
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.2
115 62.0 52.2 78.2

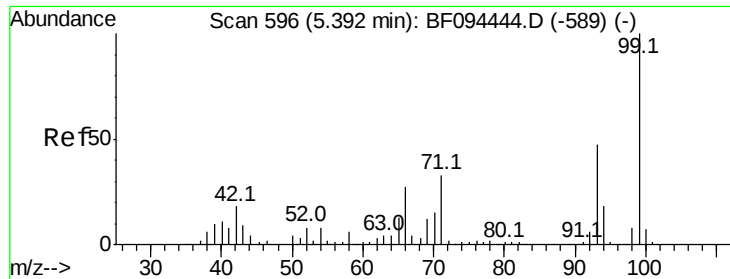


#5

2-Fluorophenol
Concen: 103.22 ng
RT: 4.31 min Scan# 412
Delta R.T. 0.01 min
Lab File: BF094458.D
Acq: 17 Apr 2017 19:18

Tgt Ion:112 Resp: 872957
Ion Ratio Lower Upper
112 100
64 55.3 46.0 69.0
63 27.3 23.4 35.0





#7

Phenol-d6

Concen: 116.27 ng

RT: 5.39 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF094458.D

Acq: 17 Apr 2017 19:18

Instrument :

BNA_F

ClientSampleId :

E2-Z10-BASE

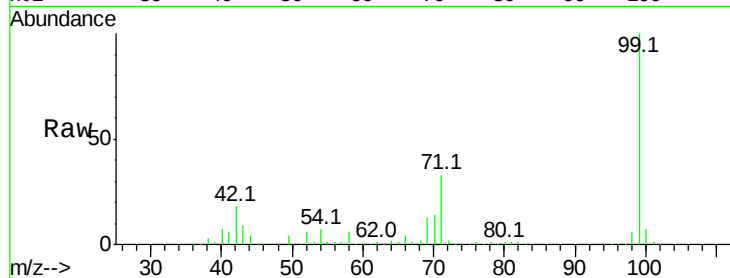
Tot Ion: 99 Resp: 1159285

Ion Ratio Lower Upper

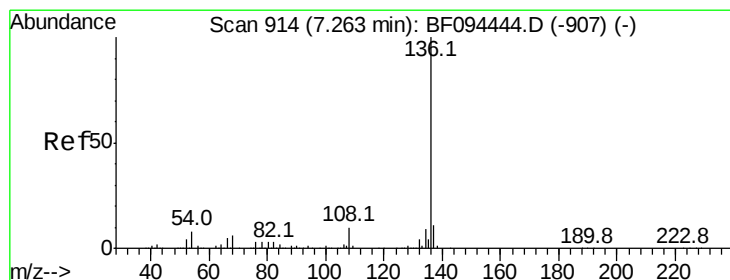
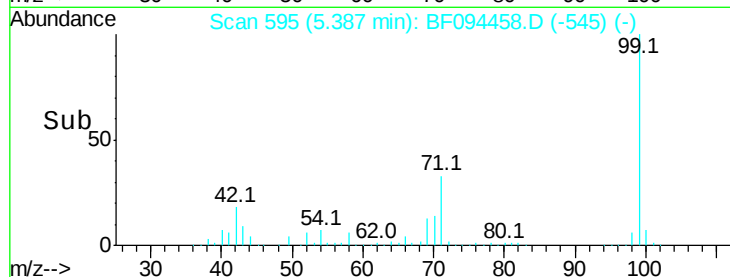
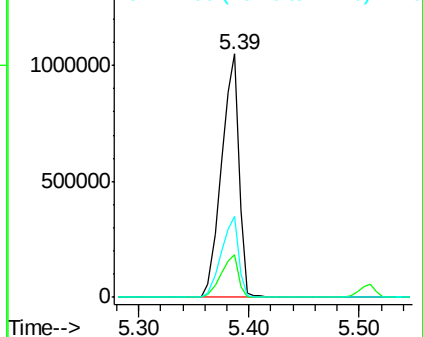
99 100

42 17.5 13.5 20.3

71 33.2 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: 20.00 ng

RT: 7.26 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF094458.D

Acq: 17 Apr 2017 19:18

Tgt Ion: 136 Resp: 593715

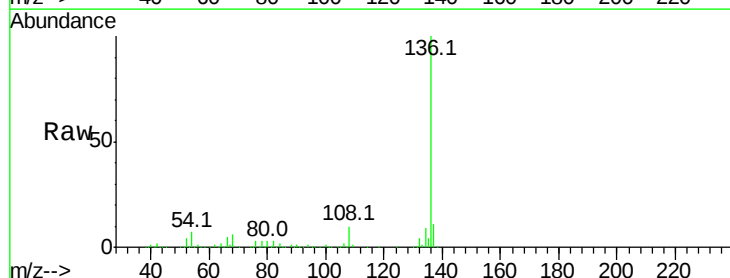
Ion Ratio Lower Upper

136 100

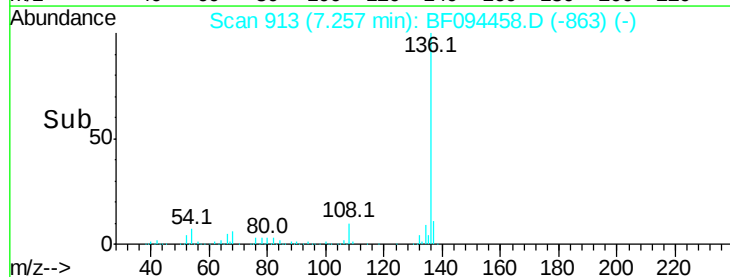
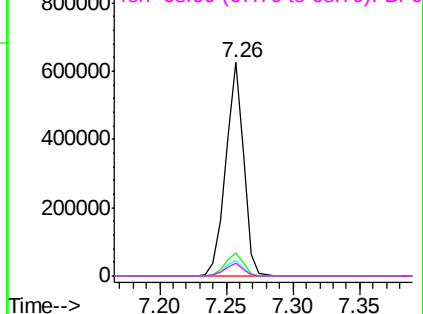
137 10.7 8.5 12.7

54 7.3 4.9 7.3

68 6.0 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

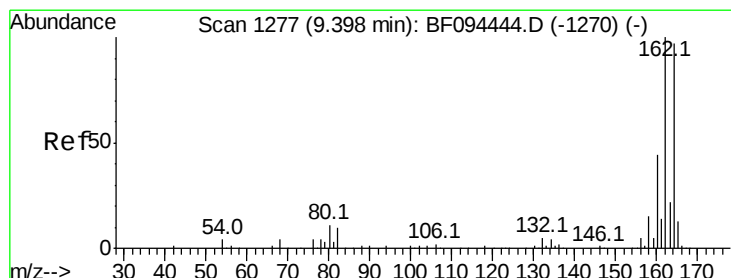
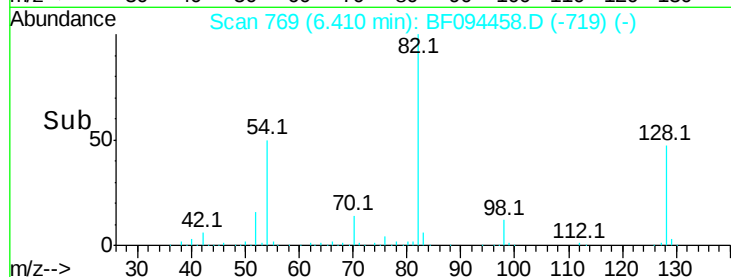
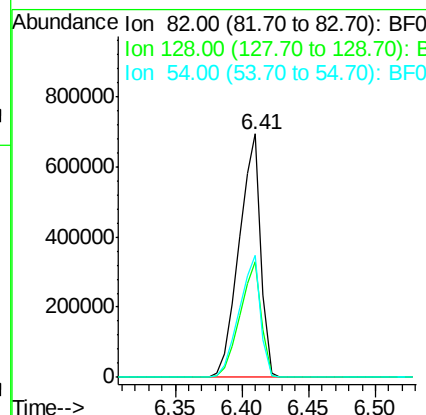
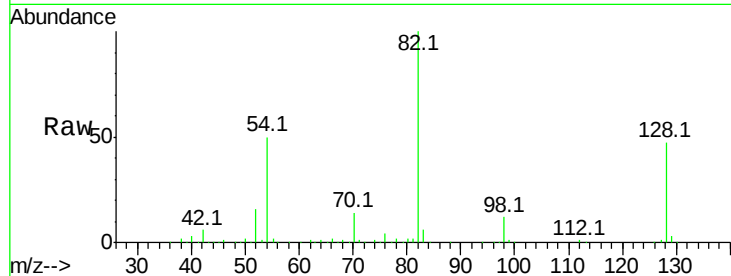




#23
 Nitrobenzene-d5
 Concen: 81.39 ng
 RT: 6.41 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF094458.D
 Acq: 17 Apr 2017 19:18

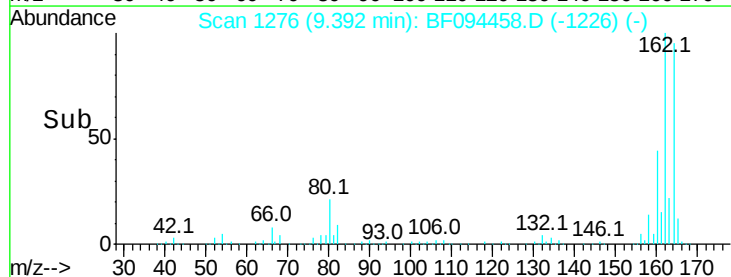
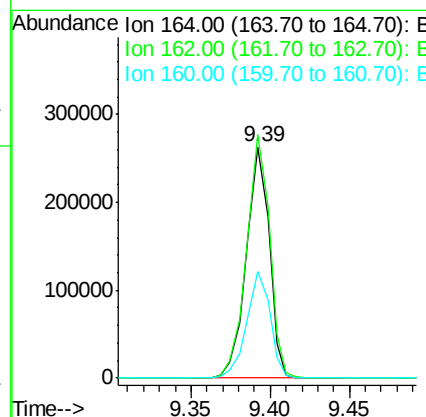
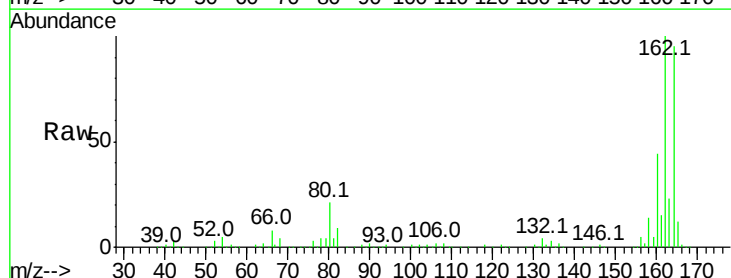
Instrument :
 BNA_F
 ClientSampleId :
 E2-Z10-BASE

Tot Ion	82	Resp	782589
Ion Ratio	100	Lower	Upper
128	47.3	34.0	51.0
54	50.0	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BF094458.D
 Acq: 17 Apr 2017 19:18

Tgt Ion	164	Resp	264348
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	105.5	82.6	123.8
160	46.2	36.2	54.2

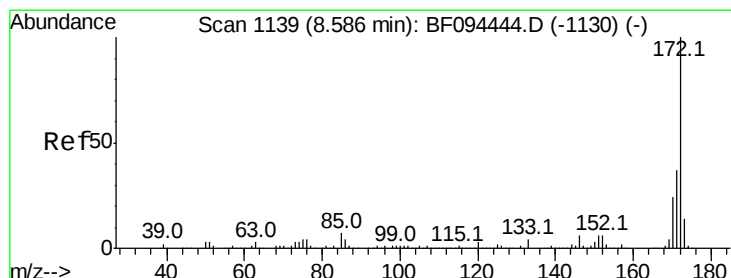
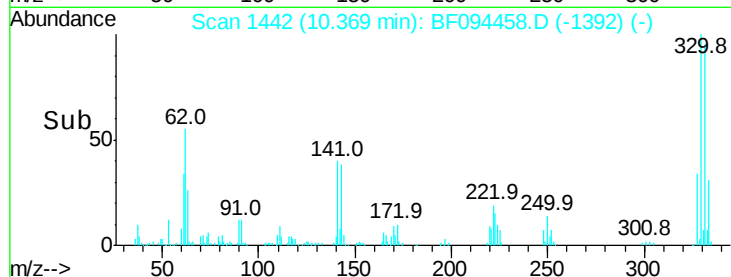
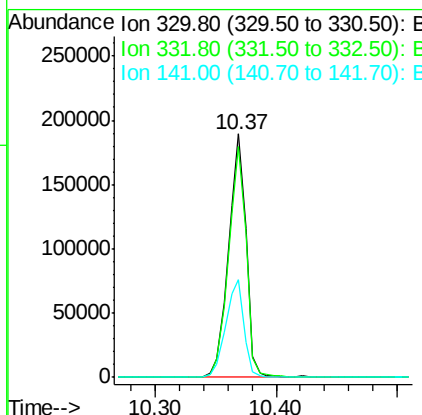
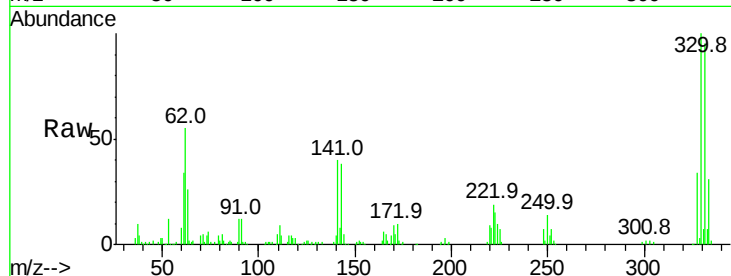




#41
 2,4,6-Tribromophenol
 Concen: 92.51 ng
 RT: 10.37 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF094458.D
 Acq: 17 Apr 2017 19:18

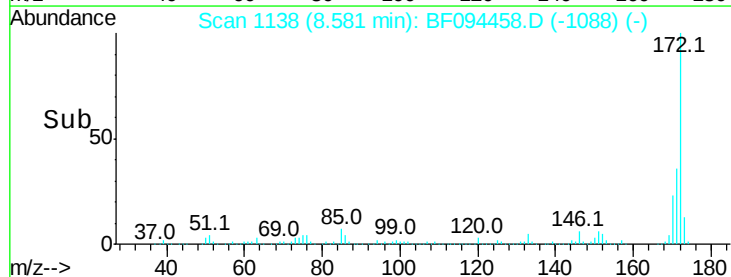
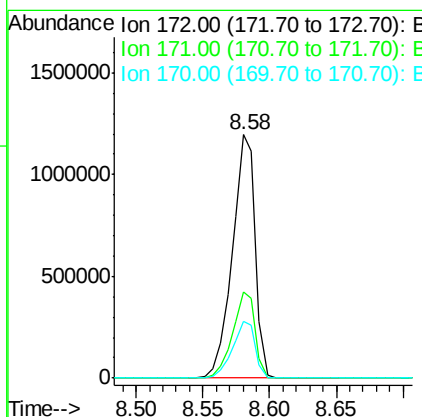
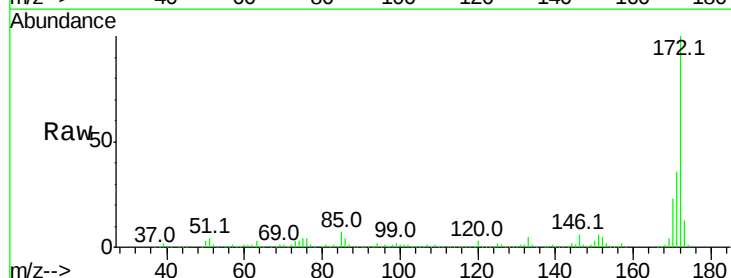
Instrument :
 BNA_F
 ClientSampleId :
 E2-Z10-BASE

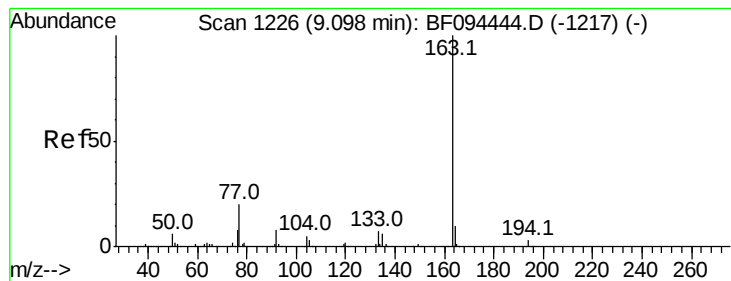
Tot Ion:330 Resp: 191278
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 41.8 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 79.30 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF094458.D
 Acq: 17 Apr 2017 19:18

Tgt Ion:172 Resp: 1424680
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.4 19.8 29.8





#49

Dimethylphthalate

Concen: 16.51 ng

RT: 9.08 min Scan# 1223

Delta R.T. -0.02 min

Lab File: BF094458.D

Acq: 17 Apr 2017 19:18

Instrument :

BNA_F

ClientSampleId :

E2-Z10-BASE

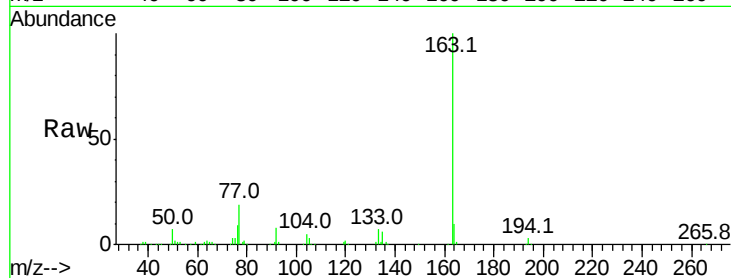
Tot Ion:163 Resp: 325325

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

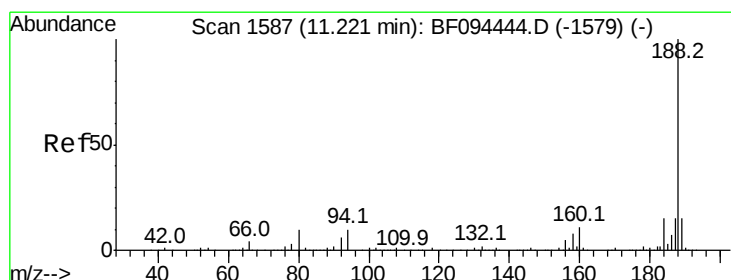
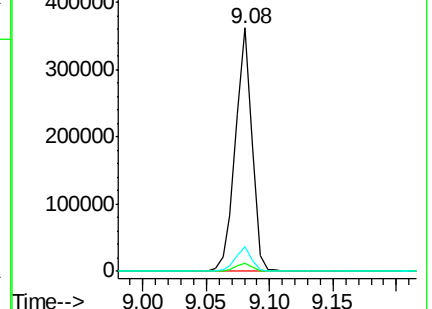
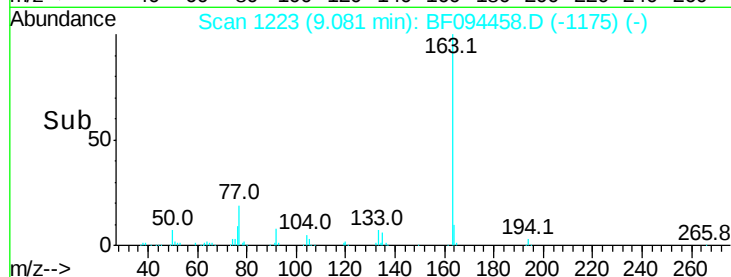
164 10.0 8.4 12.6



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: 20.00 ng

RT: 11.22 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF094458.D

Acq: 17 Apr 2017 19:18

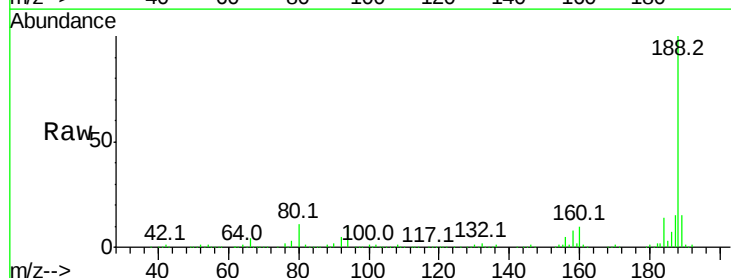
Tgt Ion:188 Resp: 493675

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

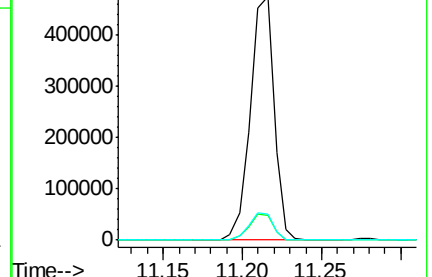
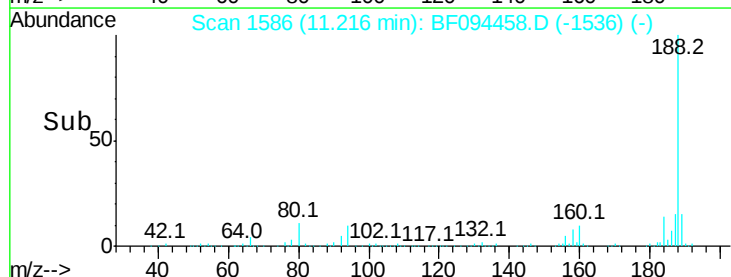
80 10.8 10.2 15.2

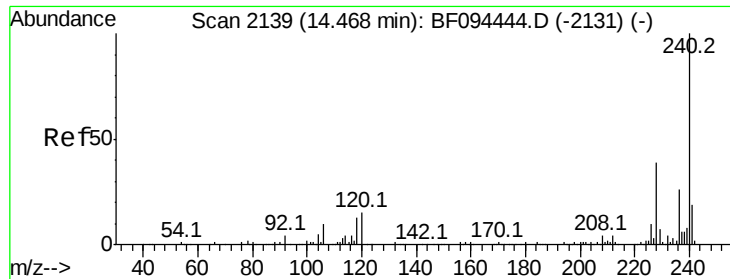


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.46 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BF094458.D

Acq: 17 Apr 2017 19:18

Instrument :

BNA_F

ClientSampleId :

E2-Z10-BASE

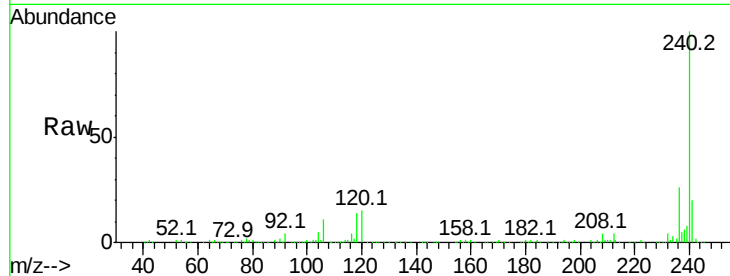
Tot Ion:240 Resp: 414750

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

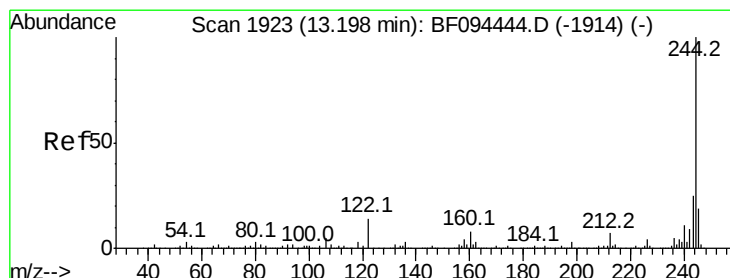
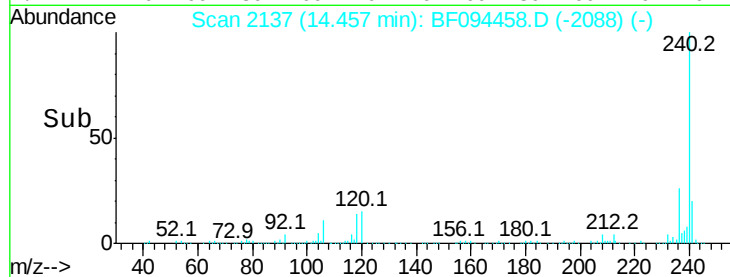
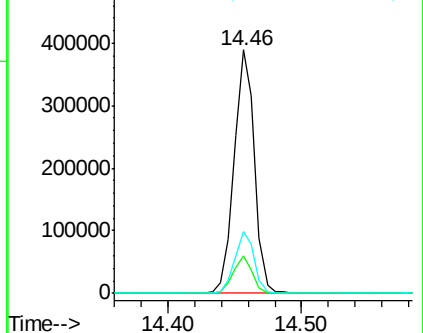
236 25.7 20.5 30.7



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: 71.72 ng

RT: 13.19 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BF094458.D

Acq: 17 Apr 2017 19:18

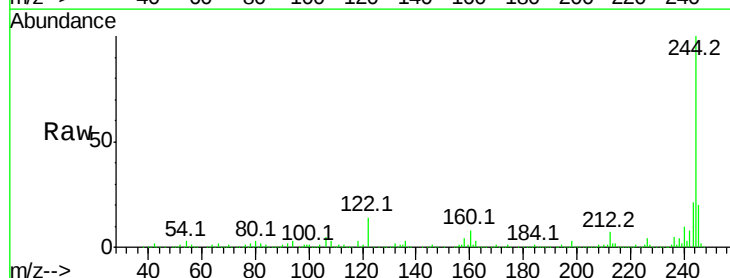
Tgt Ion:244 Resp: 1112916

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

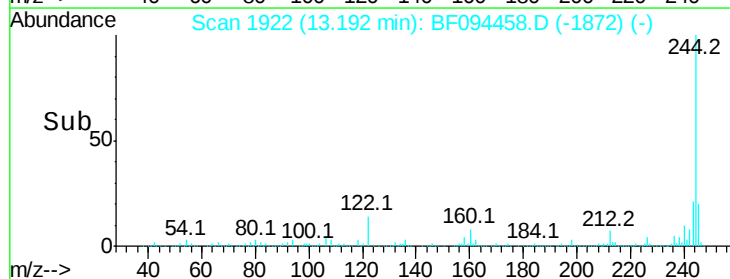
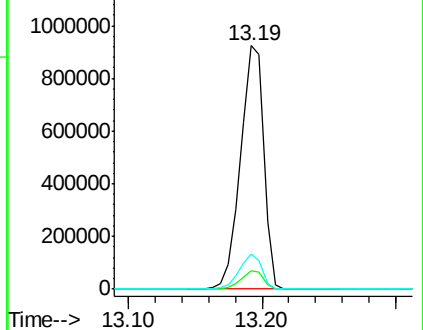
122 14.3 10.3 15.5

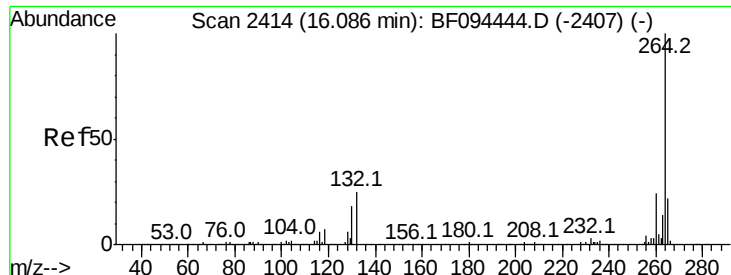


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

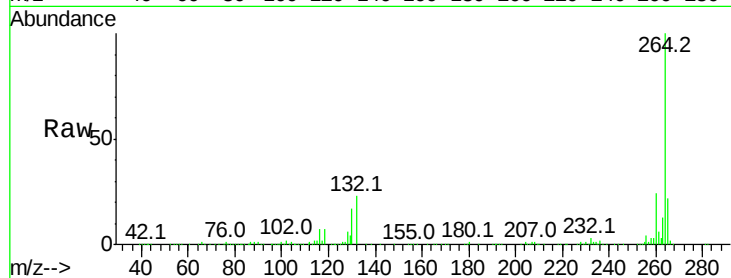




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BF094458.D
 Acq: 17 Apr 2017 19:18

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z10-BASE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.6	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

