

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094777.D
 Acq On : 2 May 2017 4:35
 Operator : SJ/MA
 Sample : I2930-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

Quant Time: May 02 07:01:42 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

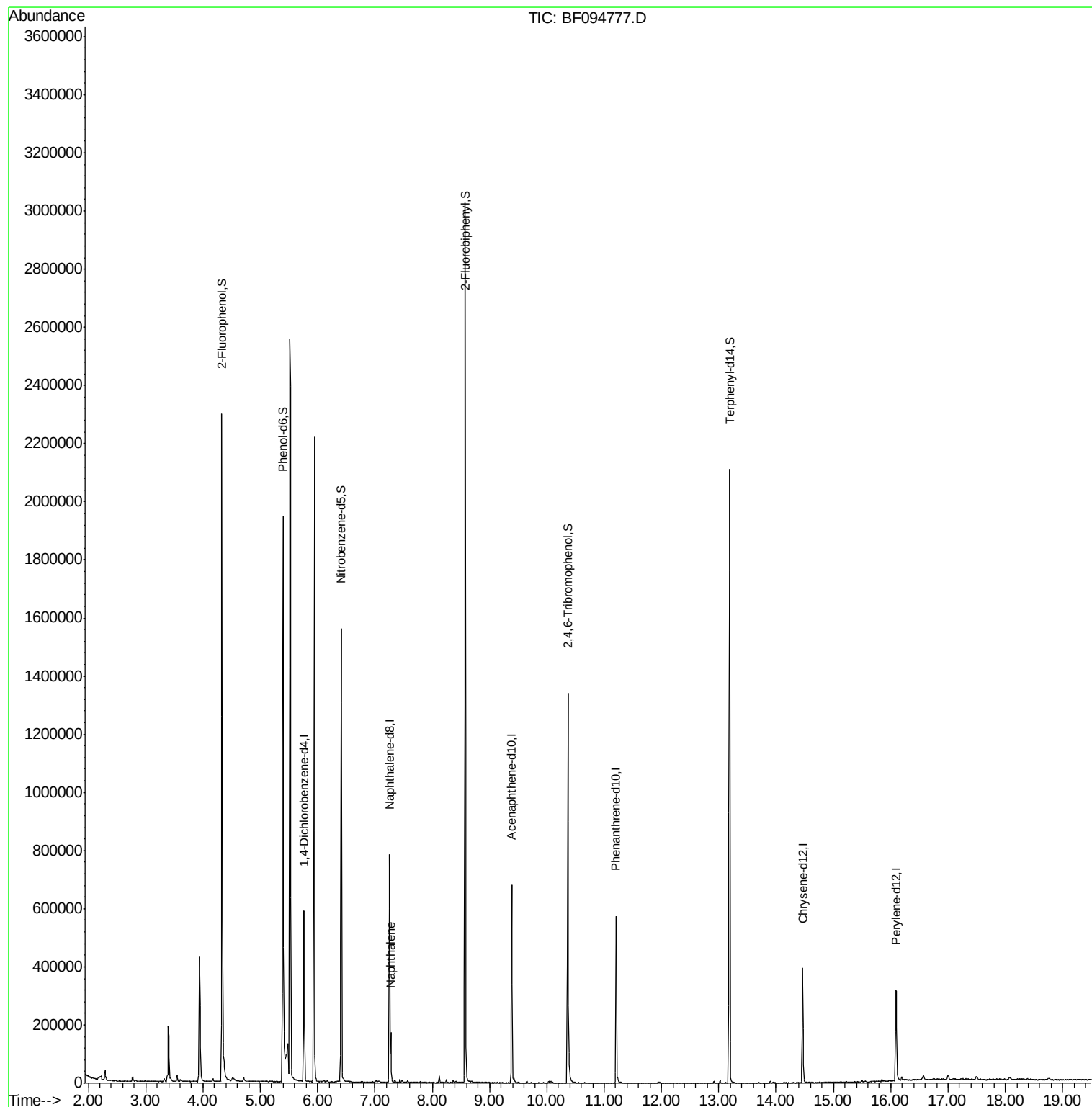
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	101332	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	381730	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	165756	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	257605	20.00	ng	-0.01
75) Chrysene-d12	14.46	240	177504	20.00	ng	0.00
86) Perylene-d12	16.09	264	149114	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	758895	124.25	ng	0.03
7) Phenol-d6	5.40	99	864450	120.05	ng	0.00
23) Nitrobenzene-d5	6.41	82	581393	94.05	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	181982	140.36	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1078367	95.72	ng	0.00
78) Terphenyl-d14	13.19	244	748898	112.77	ng	0.00
Target Compounds						
31) Naphthalene	7.28	128	75576	4.12	ng	Qvalue 99

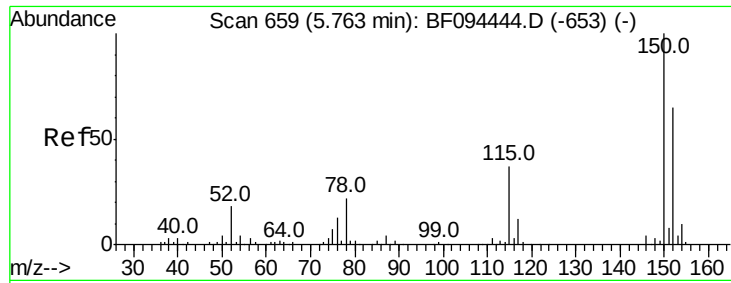
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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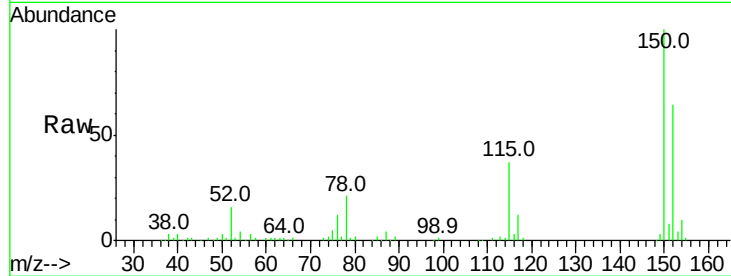


#1

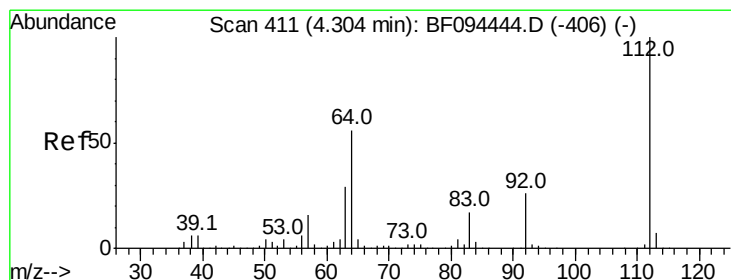
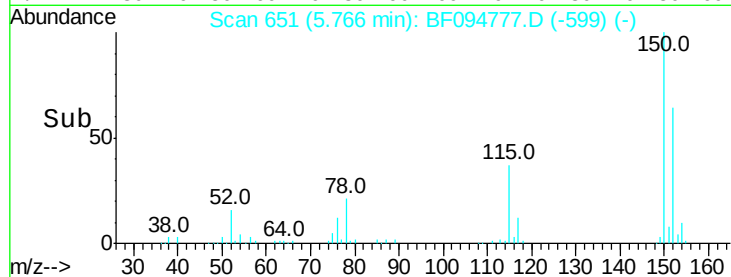
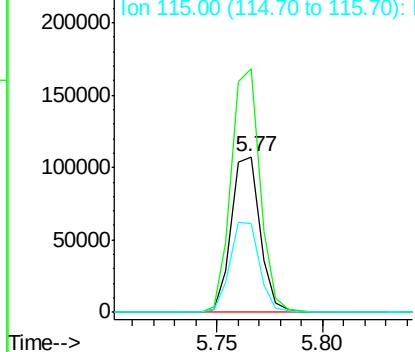
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094777.D
Acq: 2 May 2017 4:35

Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

Tot Ion:152 Resp: 101332
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 57.4 52.2 78.2



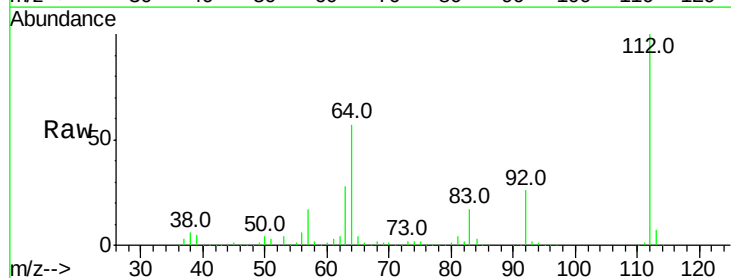
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



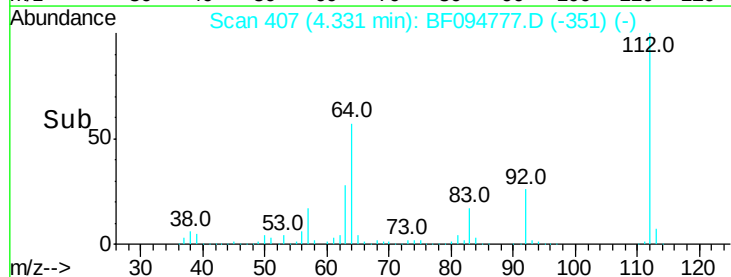
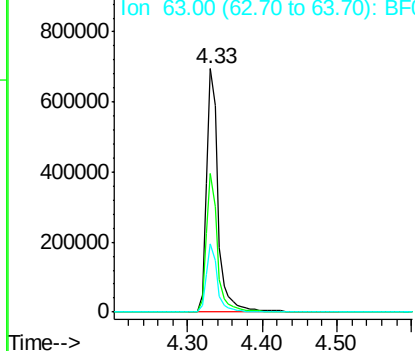
#5

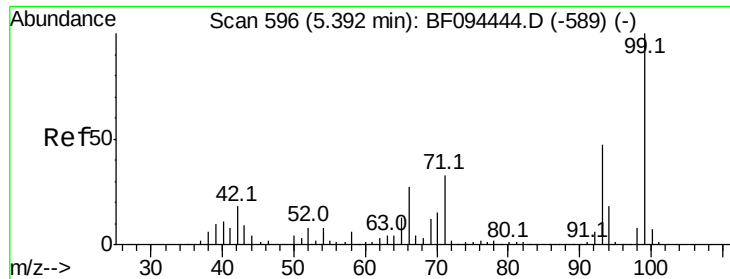
2-Fluorophenol
Concen: 124.25 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094777.D
Acq: 2 May 2017 4:35

Tgt Ion:112 Resp: 758895
Ion Ratio Lower Upper
112 100
64 56.9 46.0 69.0
63 28.2 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: 120.05 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094777.D

Acq: 2 May 2017 4:35

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

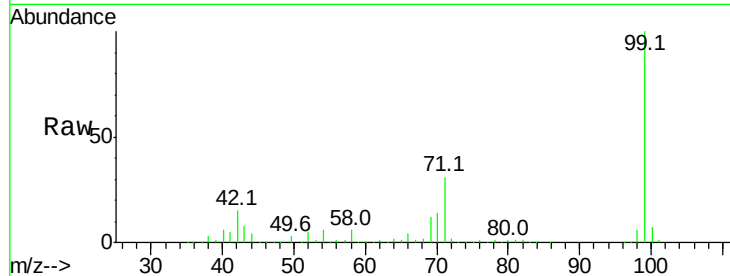
Tot Ion: 99 Resp: 864450

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

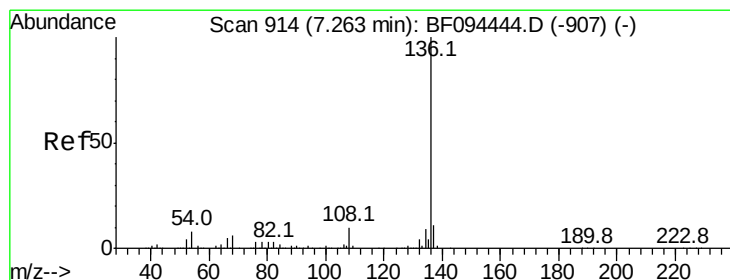
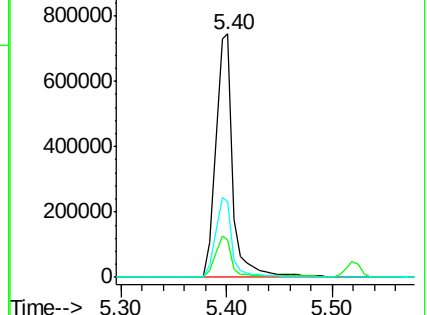
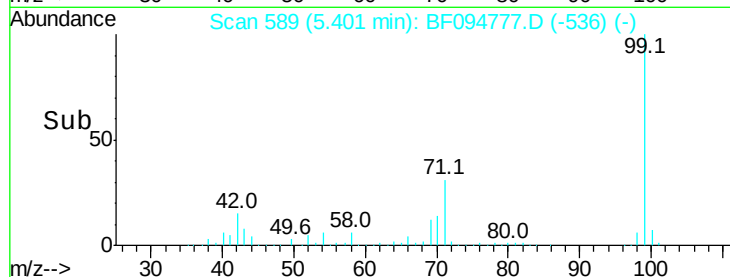
71 31.4 24.5 36.7



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: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094777.D

Acq: 2 May 2017 4:35

Tgt Ion: 136 Resp: 381730

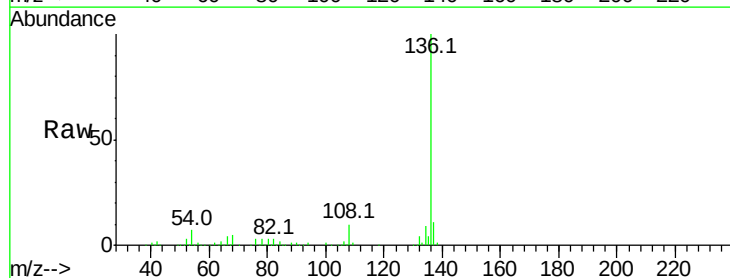
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.8 4.9 7.3

68 5.2 4.1 6.1

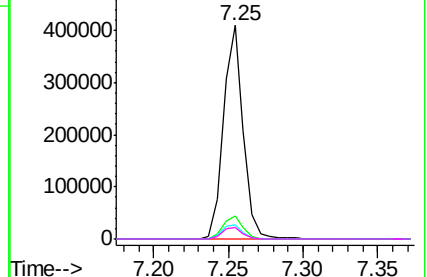
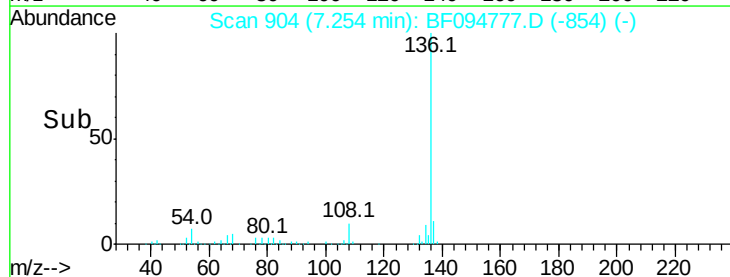


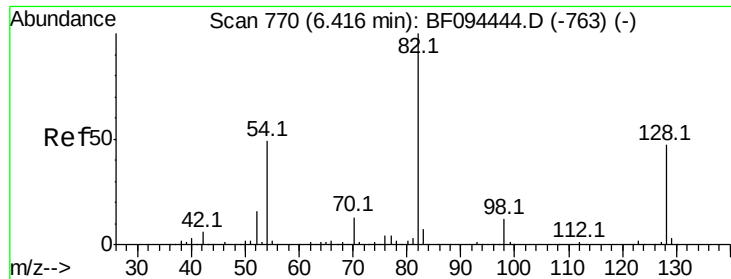
Abundance Ion 136.00 (135.70 to 136.70): E

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

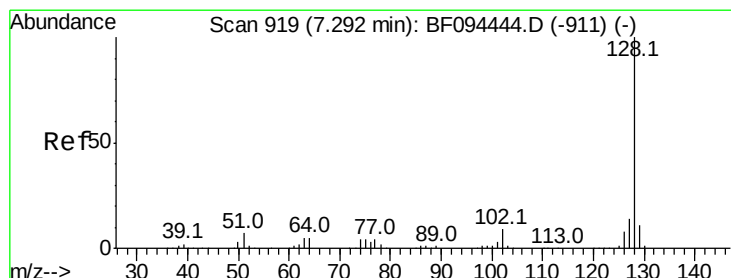
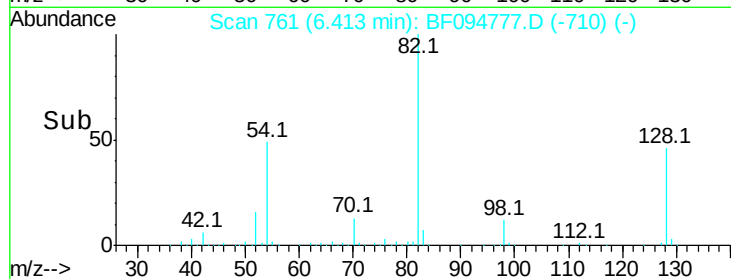
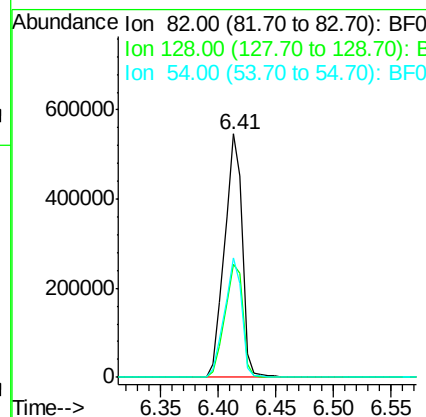
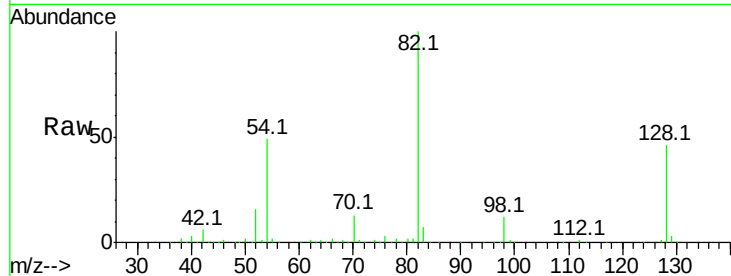




#23
 Nitrobenzene-d5
 Concen: 94.05 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094777.D
 Acq: 2 May 2017 4:35

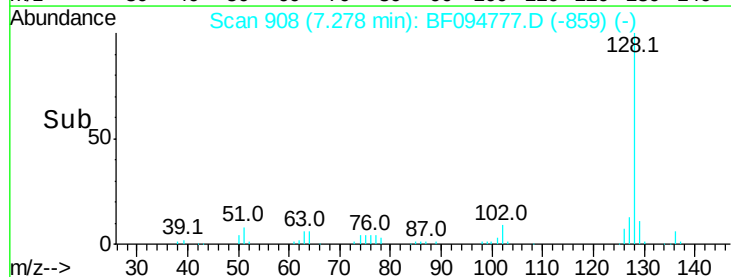
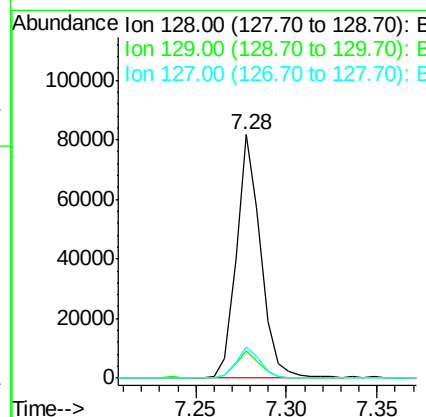
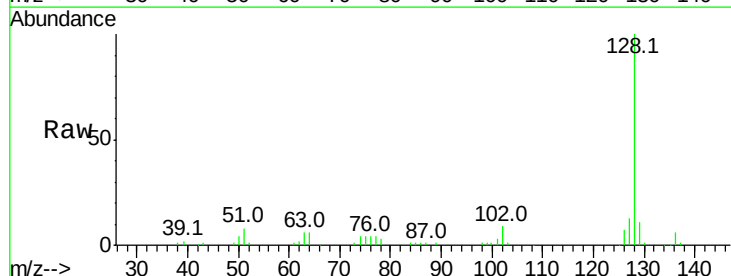
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

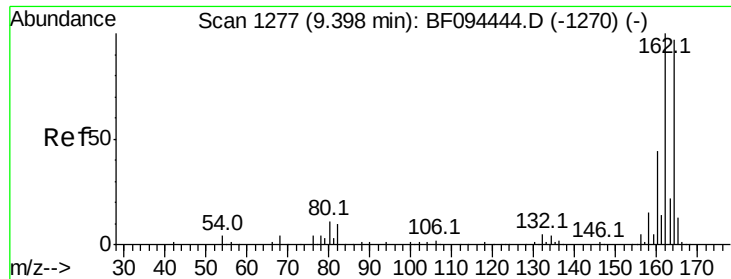
Tot Ion: 82 Resp: 581393
 Ion Ratio Lower Upper
 82 100
 128 46.5 34.0 51.0
 54 48.9 42.2 63.2



#31
 Naphthalene
 Concen: 4.12 ng
 RT: 7.28 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF094777.D
 Acq: 2 May 2017 4:35

Tgt Ion: 128 Resp: 75576
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.0 13.6
 127 13.0 10.8 16.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF094777.D

Acq: 2 May 2017 4:35

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

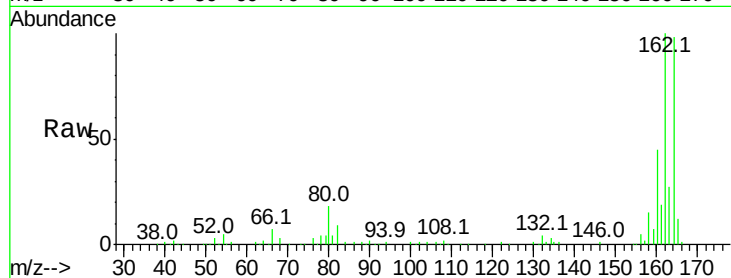
Tot Ion:164 Resp: 165756

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

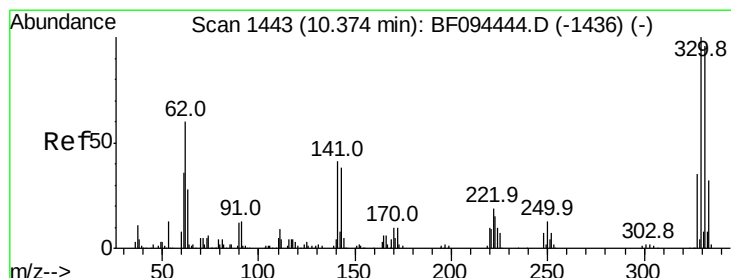
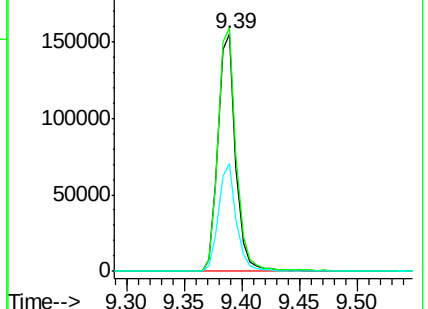
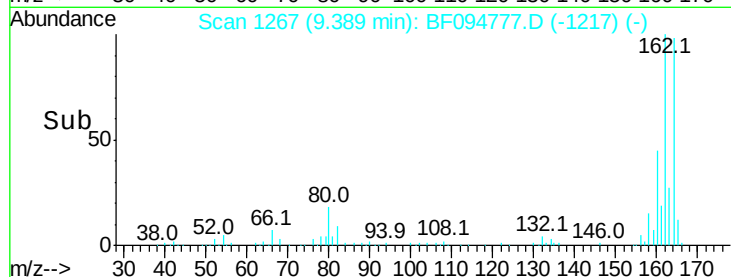
160 45.6 36.2 54.2



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: 140.36 ng

RT: 10.37 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF094777.D

Acq: 2 May 2017 4:35

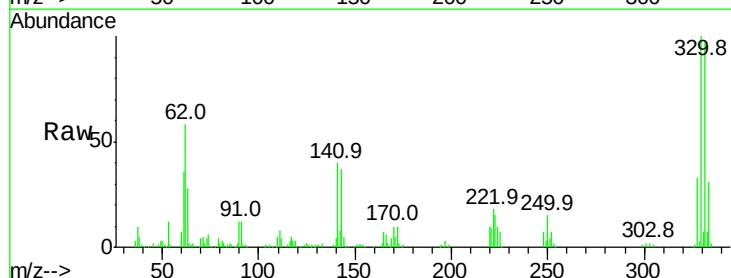
Tgt Ion:330 Resp: 181982

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

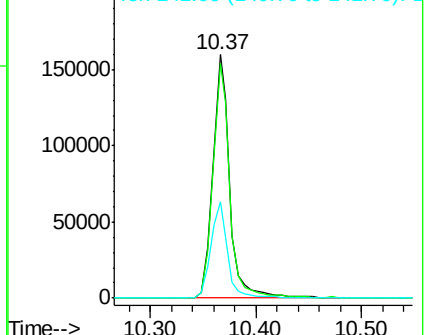
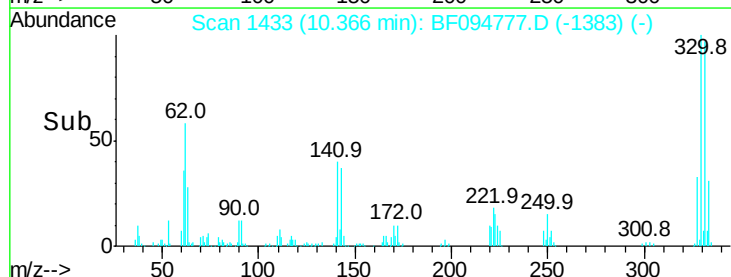
141 39.3 31.4 47.2

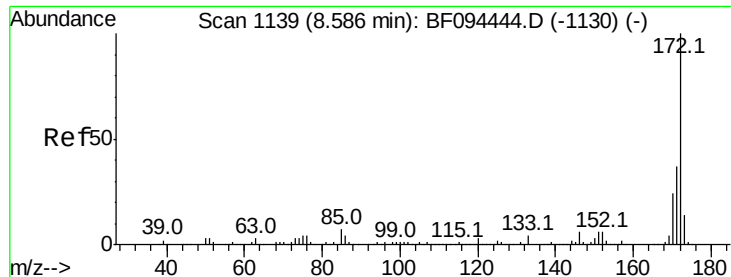


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



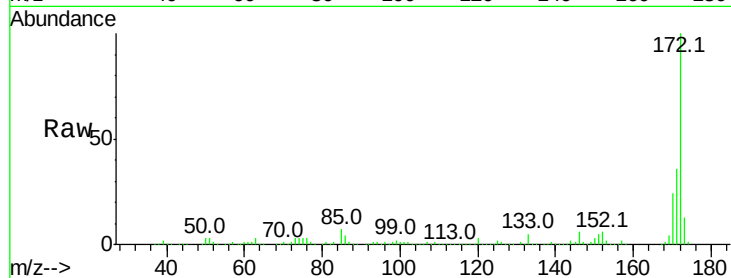


#44
 2-Fluorobiphenyl
 Concen: 95.72 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094777.D
 Acq: 2 May 2017 4:35

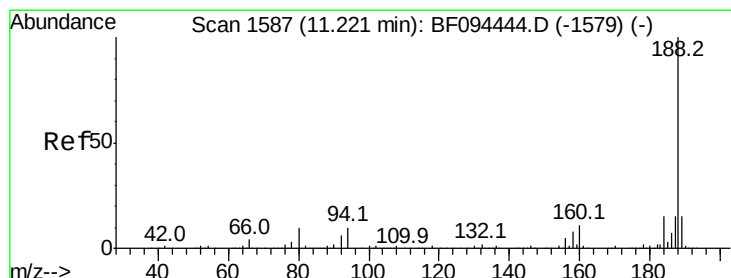
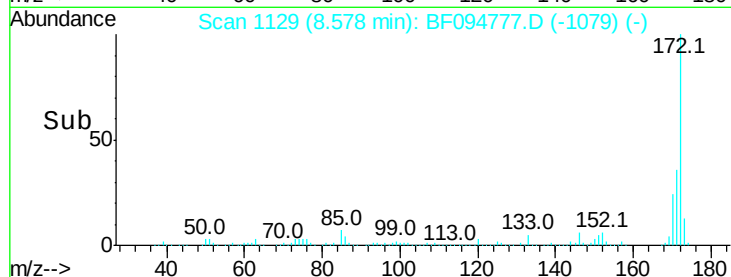
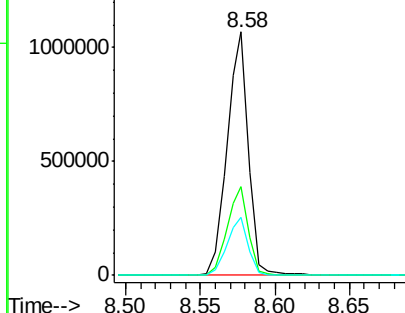
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

Tot Ion:172 Resp: 1078367

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.8	19.8	29.8



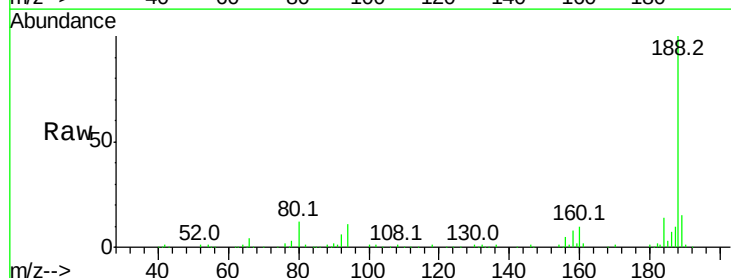
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



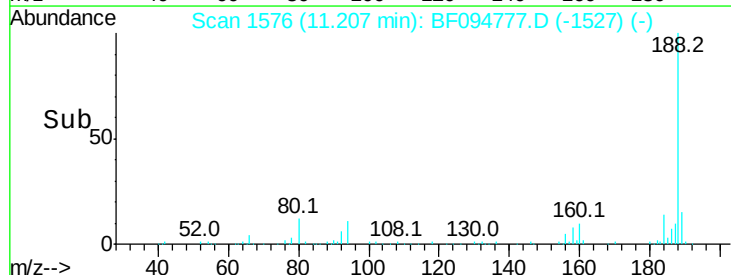
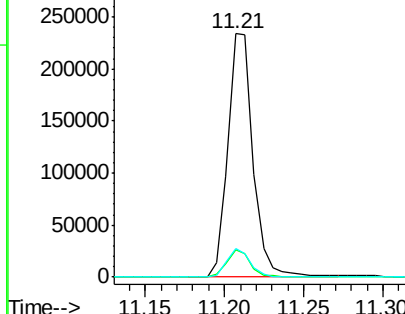
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF094777.D
 Acq: 2 May 2017 4:35

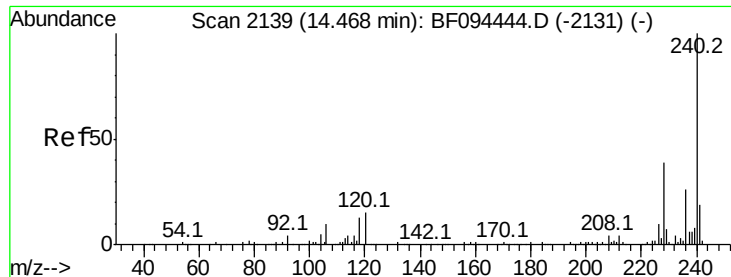
Tgt Ion:188 Resp: 257605

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	11.7	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# 2129

Delta R.T. -0.01 min

Lab File: BF094777.D

Acq: 2 May 2017 4:35

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

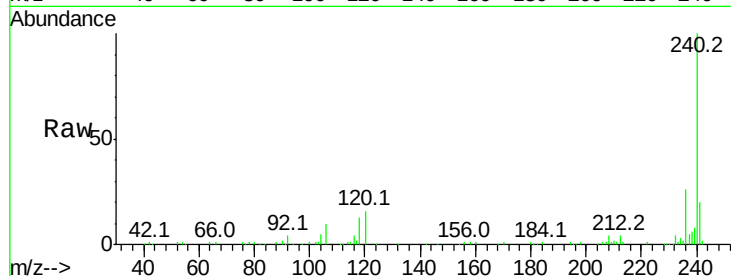
Tot Ion:240 Resp: 177504

Ion Ratio Lower Upper

240 100

120 16.0 5.8 8.8#

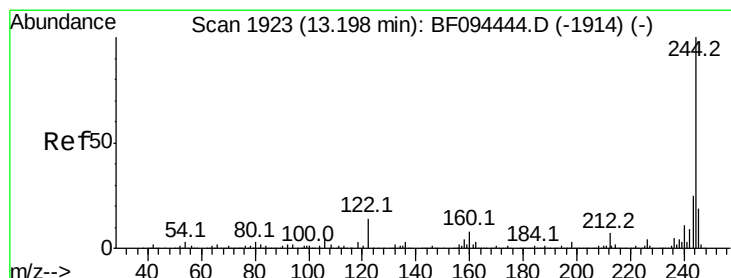
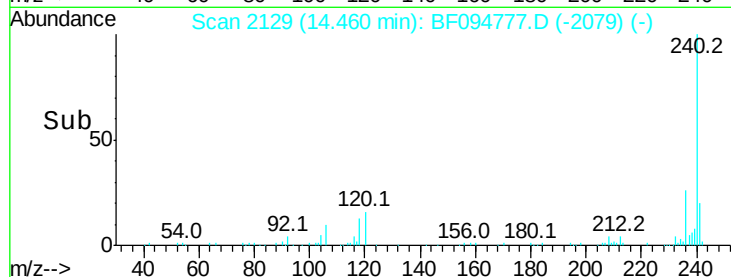
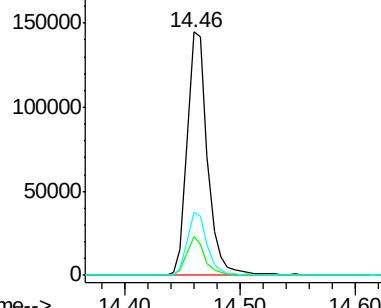
236 25.8 20.5 30.7



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: 112.77 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094777.D

Acq: 2 May 2017 4:35

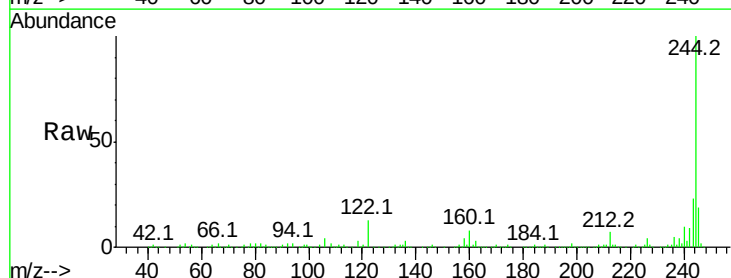
Tgt Ion:244 Resp: 748898

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

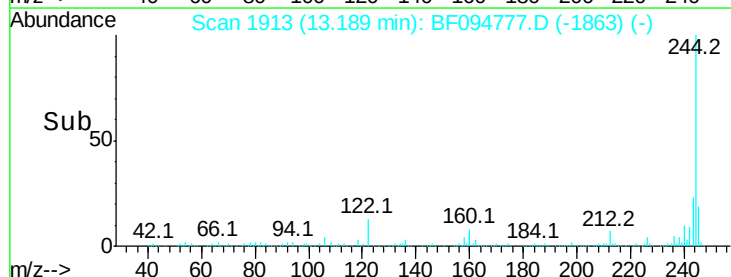
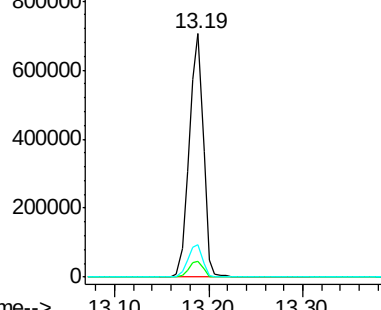
122 13.3 10.3 15.5

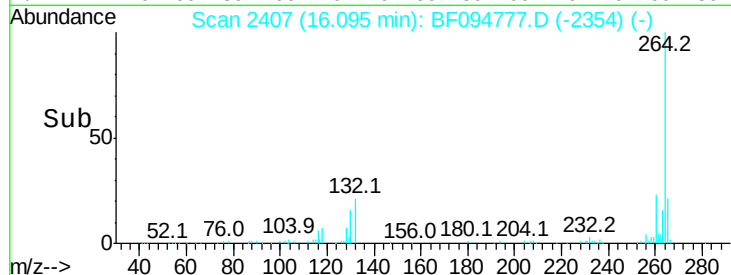
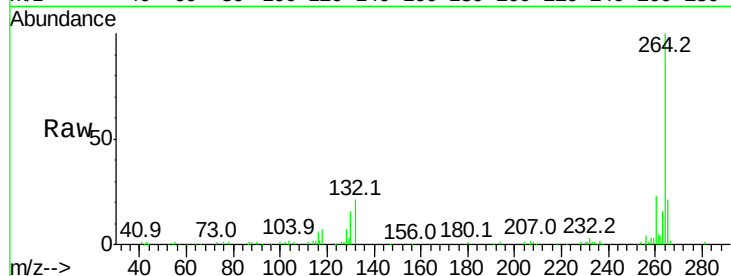
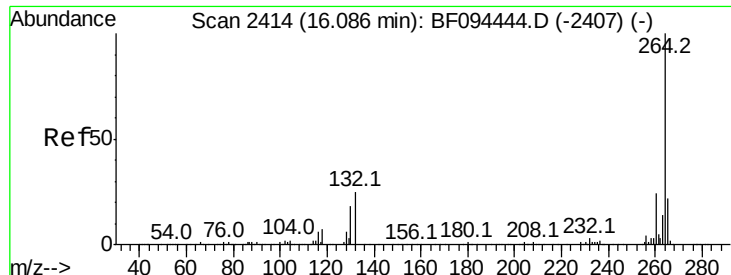


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.09 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BF094777.D
Acq: 2 May 2017 4:35

Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

Tot Ion:	264	Resp:	149114
Ion Ratio	Lower	Upper	
264	100		
260	22.7	19.5	29.3
265	21.3	17.2	25.8

