

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094758.D
 Acq On : 1 May 2017 19:32
 Operator : SJ/MA
 Sample : PB98574TB
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98574TB

Quant Time: May 02 03:55:30 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	5.77	152	108514	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	409413	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	191913	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	278942	20.00	ng	0.00
75) Chrysene-d12	14.47	240	193857	20.00	ng	0.00
86) Perylene-d12	16.09	264	185925	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	744858	113.88	ng	0.03
7) Phenol-d6	5.40	99	905339	117.41	ng	0.00
23) Nitrobenzene-d5	6.41	82	504206	76.04	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	152647	101.69	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1014507	77.78	ng	0.00
78) Terphenyl-d14	13.19	244	629452	86.79	ng	0.00

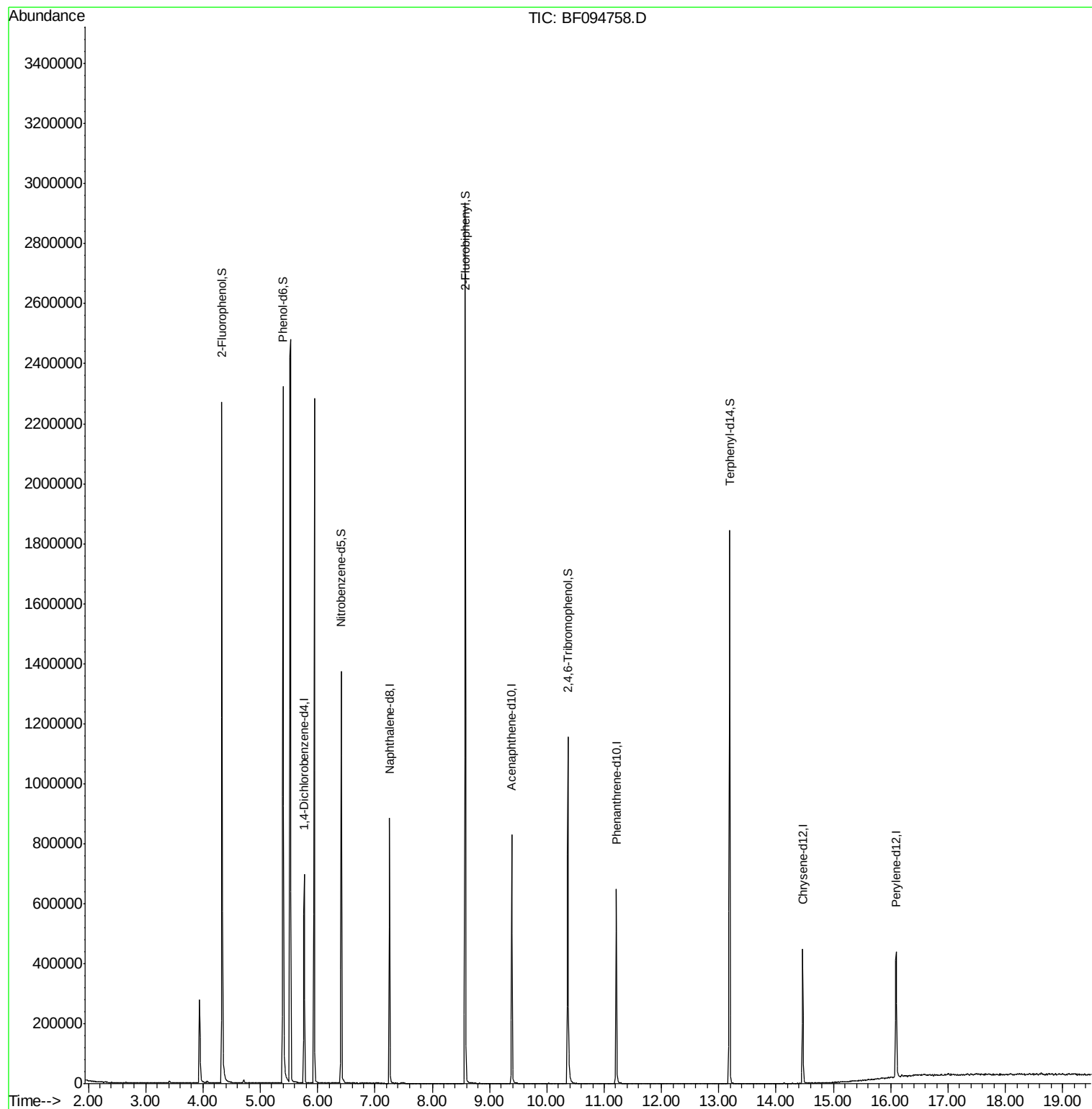
Target Compounds Qvalue

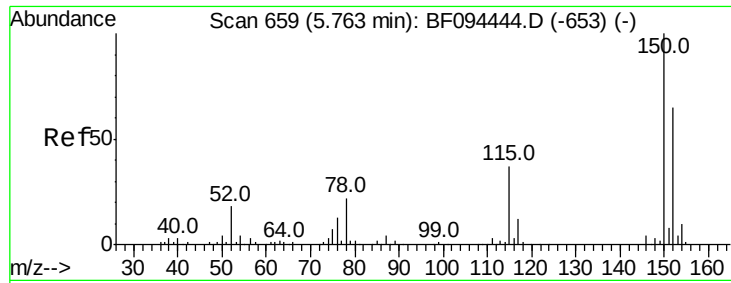
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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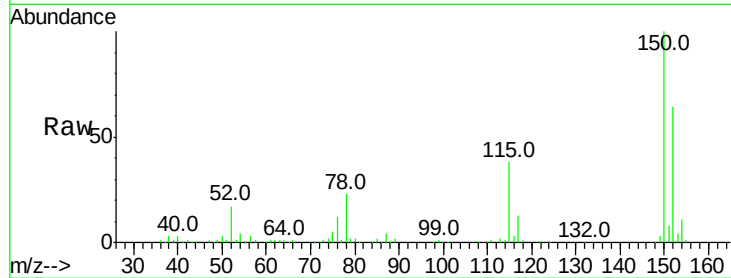


#1

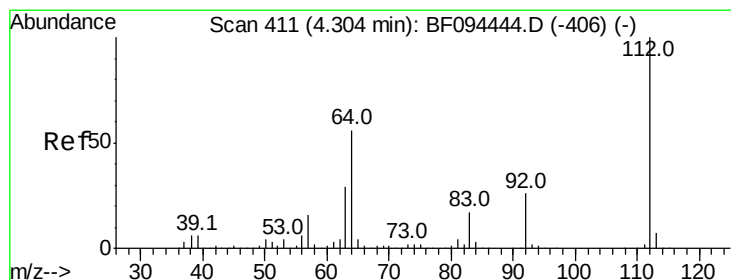
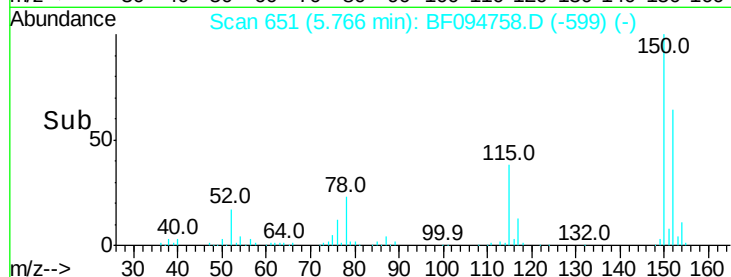
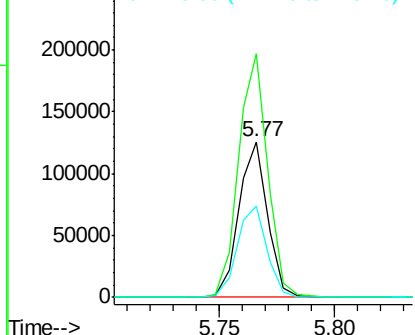
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094758.D
Acq: 1 May 2017 19:32

Instrument :
BNA_F
ClientSampleId :
PB98574TB

Tot Ion:152 Resp: 108514
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 58.9 52.2 78.2



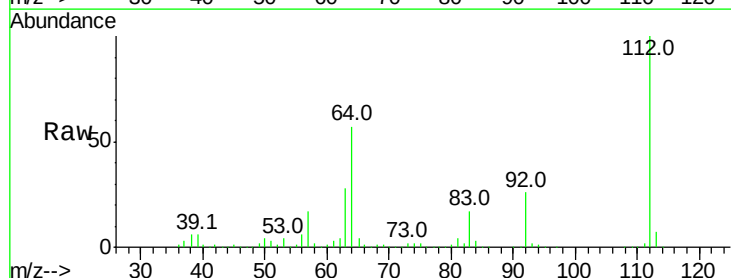
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



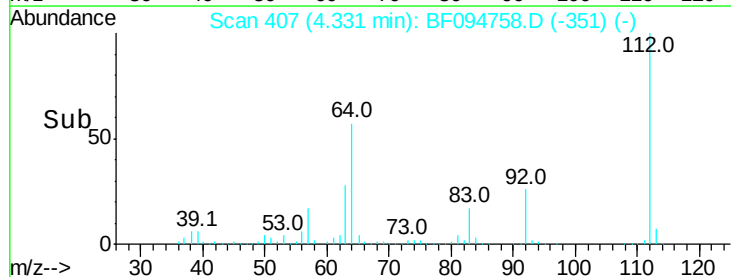
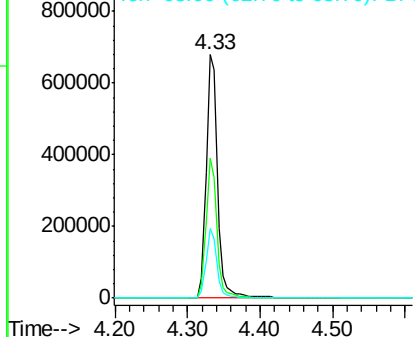
#5

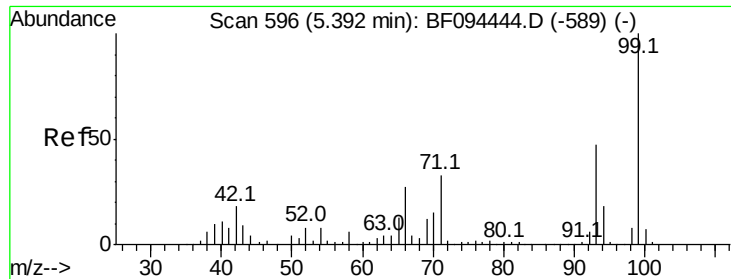
2-Fluorophenol
Concen: 113.88 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094758.D
Acq: 1 May 2017 19:32

Tgt Ion:112 Resp: 744858
Ion Ratio Lower Upper
112 100
64 57.5 46.0 69.0
63 28.4 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: 117.41 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094758.D

Acq: 1 May 2017 19:32

Instrument :

BNA_F

ClientSampleId :

PB98574TB

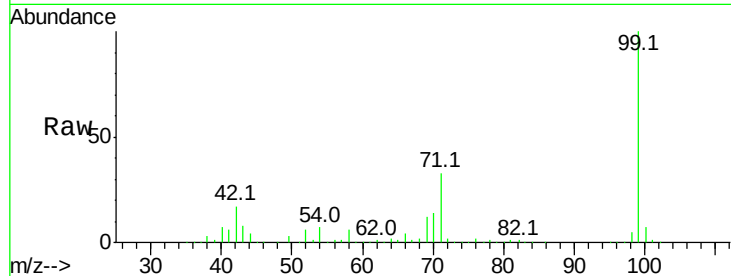
Tot Ion: 99 Resp: 905339

Ion Ratio Lower Upper

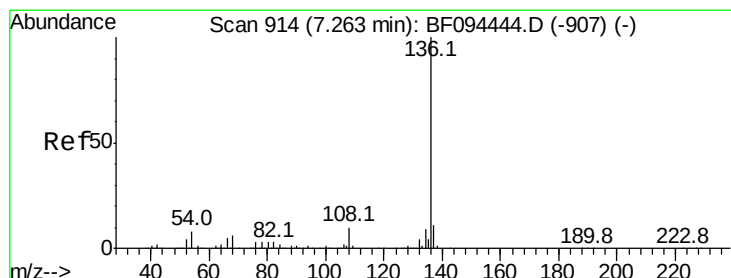
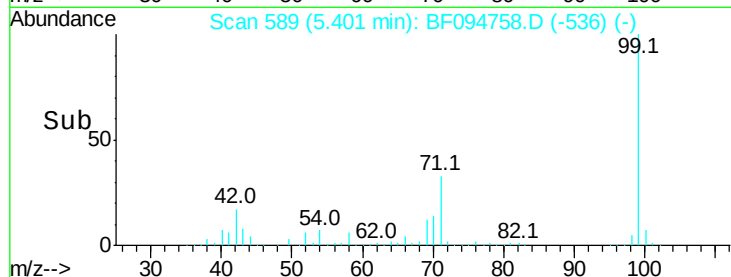
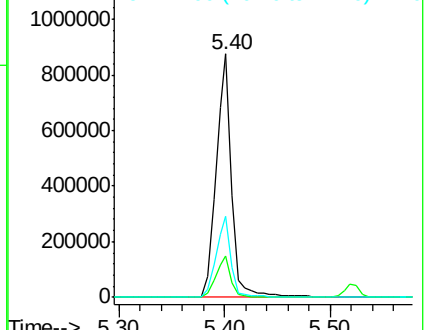
99 100

42 16.9 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: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094758.D

Acq: 1 May 2017 19:32

Tgt Ion: 136 Resp: 409413

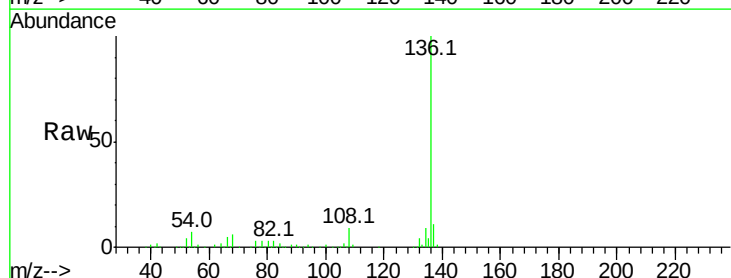
Ion Ratio Lower Upper

136 100

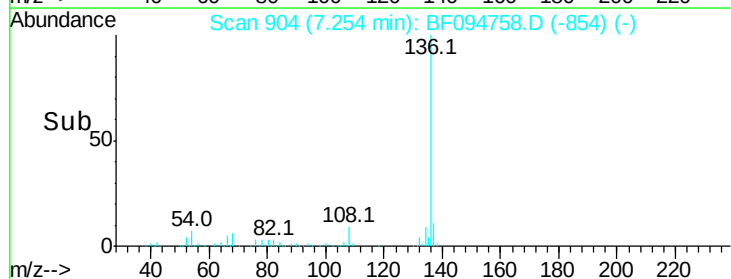
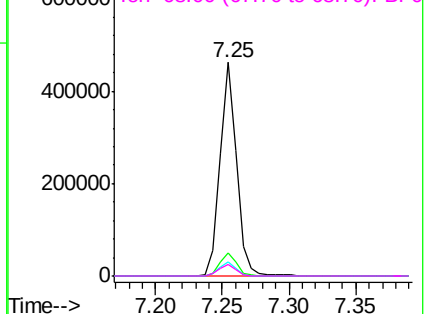
137 10.8 8.5 12.7

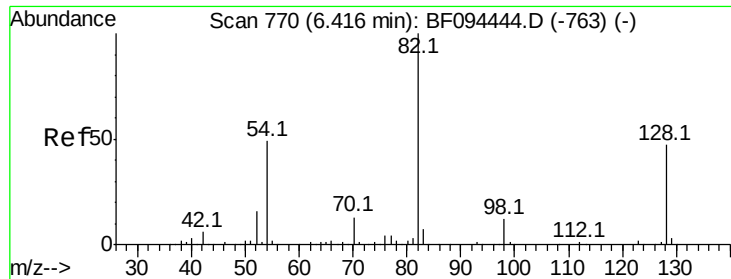
54 6.8 4.9 7.3

68 5.7 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

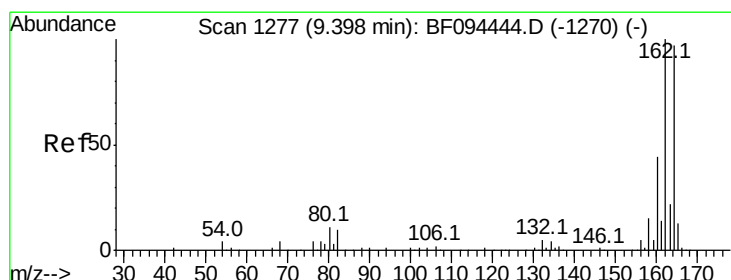
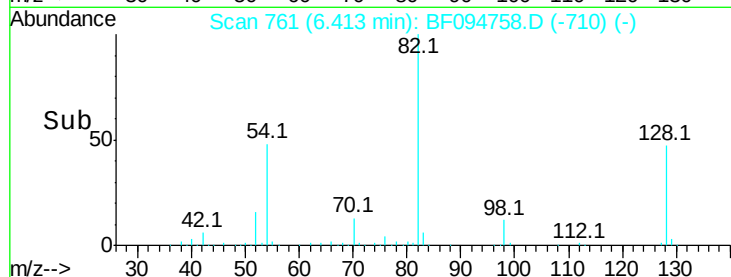
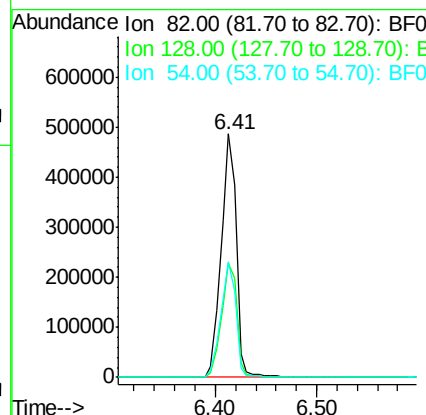
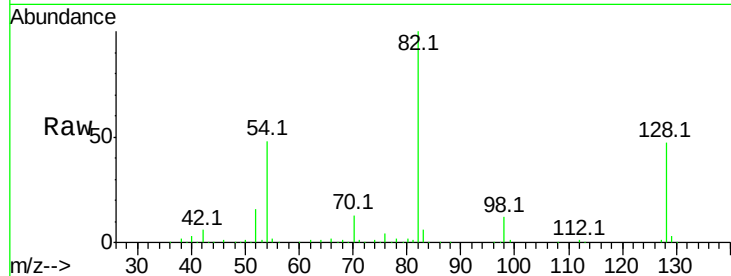




#23
 Nitrobenzene-d5
 Concen: 76.04 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094758.D
 Acq: 1 May 2017 19:32

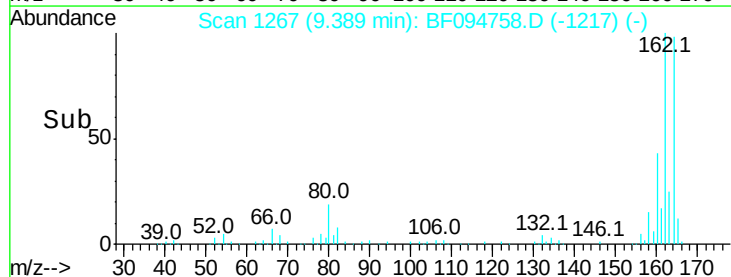
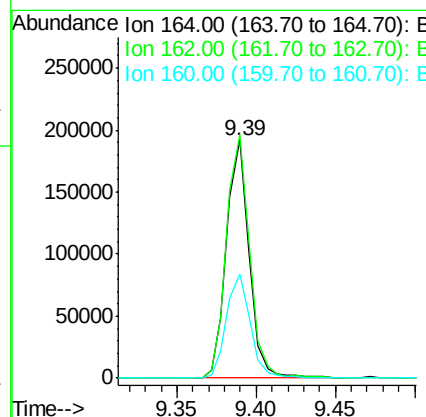
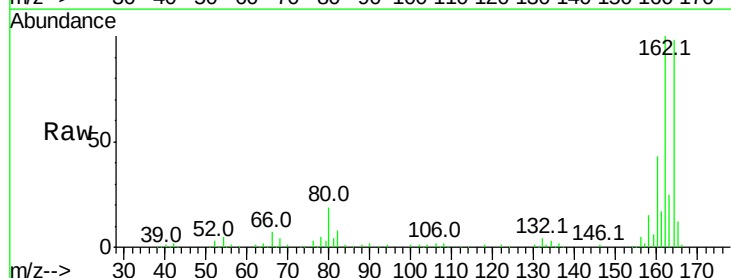
Instrument :
 BNA_F
 ClientSampleId :
 PB98574TB

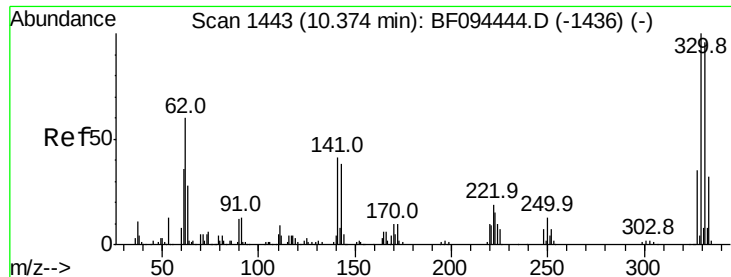
Tot Ion	82	Resp	504206
Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.0	51.0
54	47.7	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094758.D
 Acq: 1 May 2017 19:32

Tgt Ion	164	Resp	191913
Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	43.7	36.2	54.2

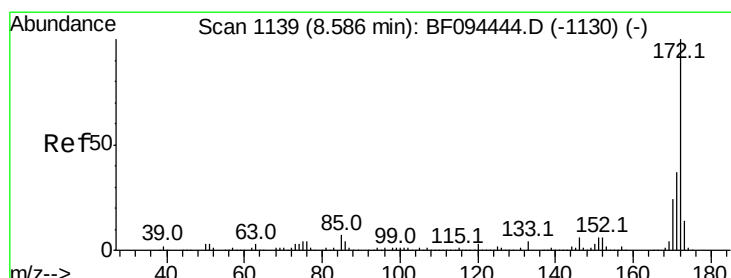
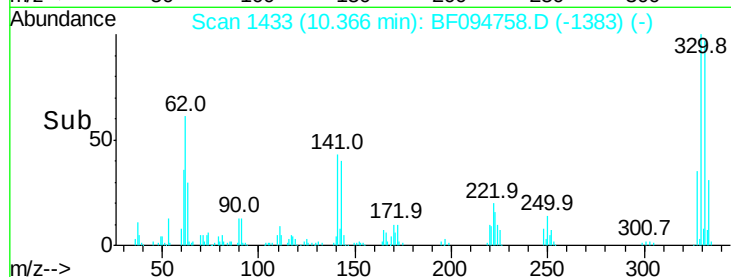
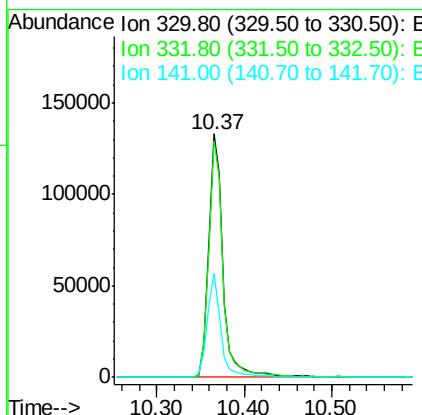
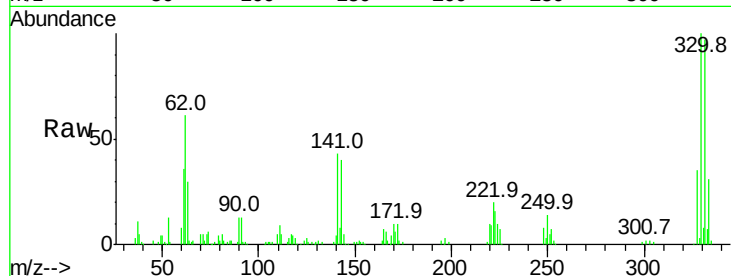




#41
 2,4,6-Tribromophenol
 Concen: 101.69 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094758.D
 Acq: 1 May 2017 19:32

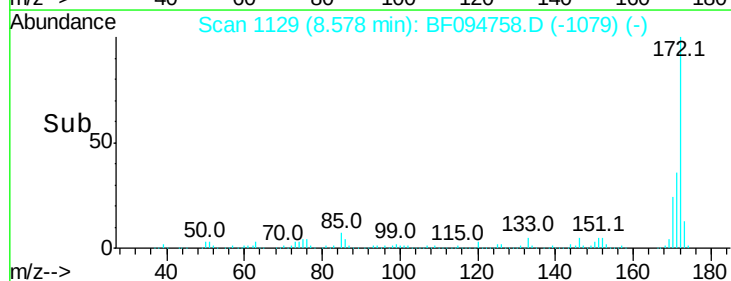
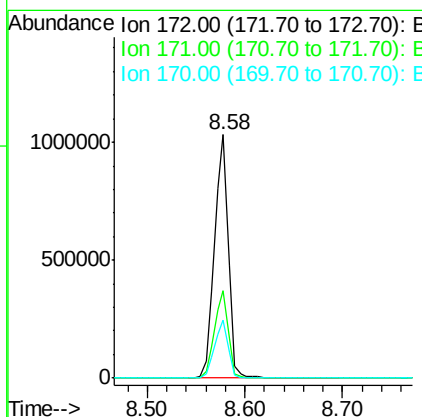
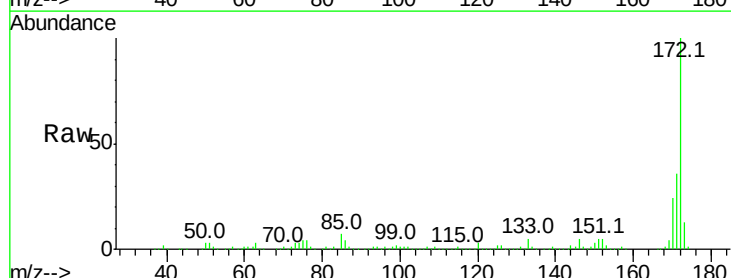
Instrument :
 BNA_F
 ClientSampleId :
 PB98574TB

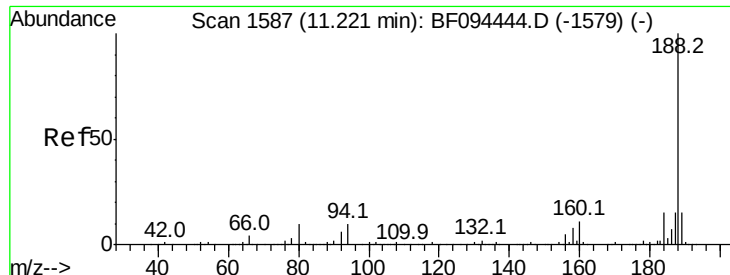
Tot Ion:330 Resp: 152647
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 39.9 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 77.78 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094758.D
 Acq: 1 May 2017 19:32

Tgt Ion:172 Resp: 1014507
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.8 19.8 29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF094758.D

Acq: 1 May 2017 19:32

Instrument :

BNA_F

ClientSampleId :

PB98574TB

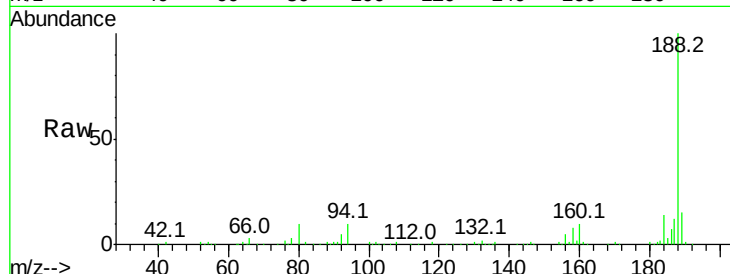
Tot Ion:188 Resp: 278942

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

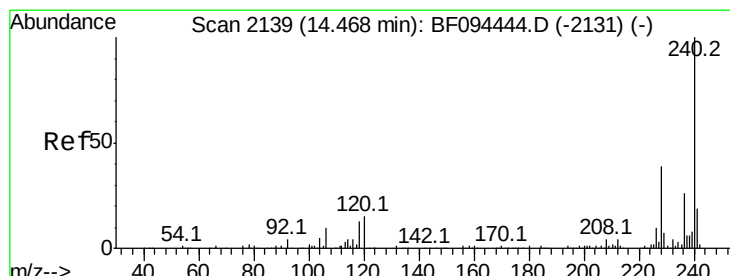
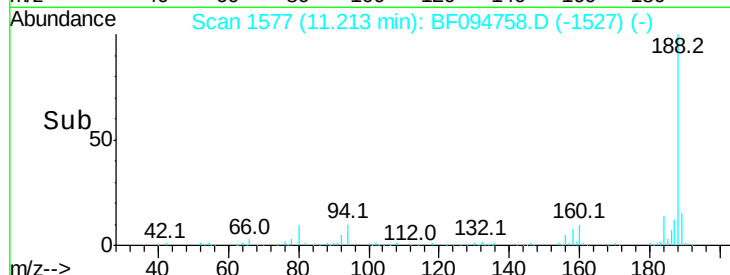
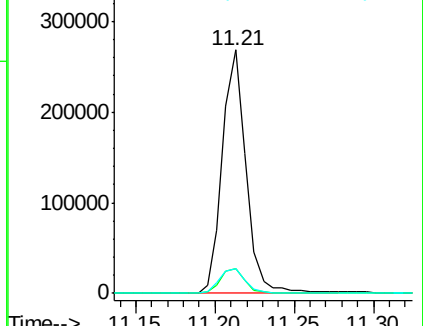
80 10.3 10.2 15.2



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: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094758.D

Acq: 1 May 2017 19:32

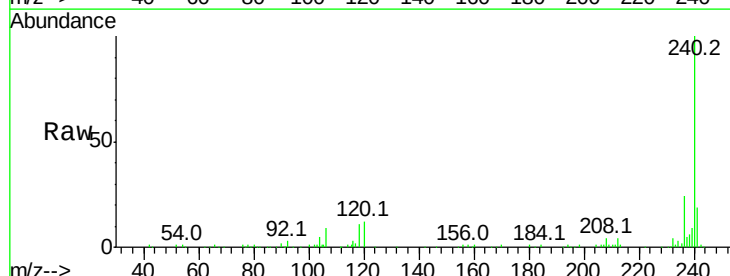
Tgt Ion:240 Resp: 193857

Ion Ratio Lower Upper

240 100

120 12.1 5.8 8.8#

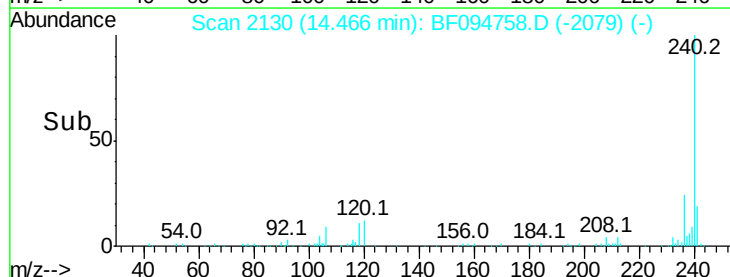
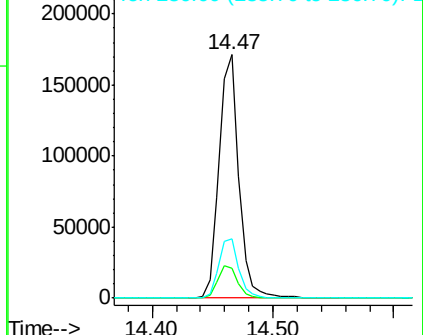
236 24.1 20.5 30.7

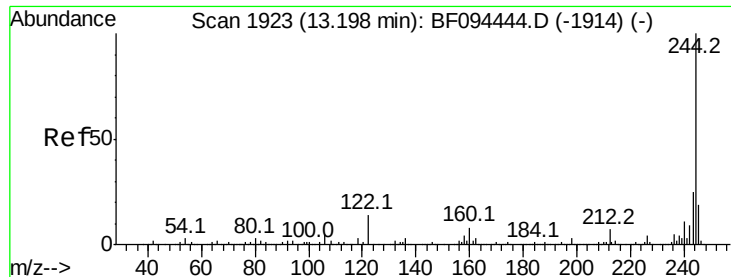


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.79 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094758.D

Acq: 1 May 2017 19:32

Instrument :

BNA_F

ClientSampleId :

PB98574TB

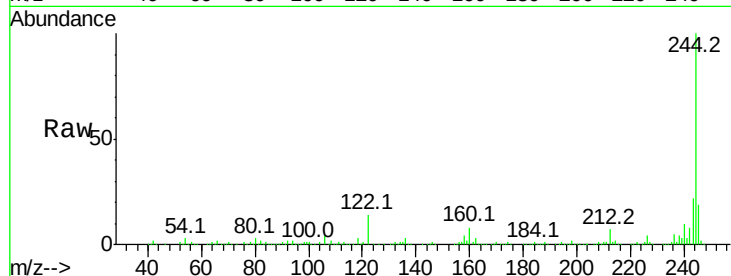
Tot Ion:244 Resp: 629452

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

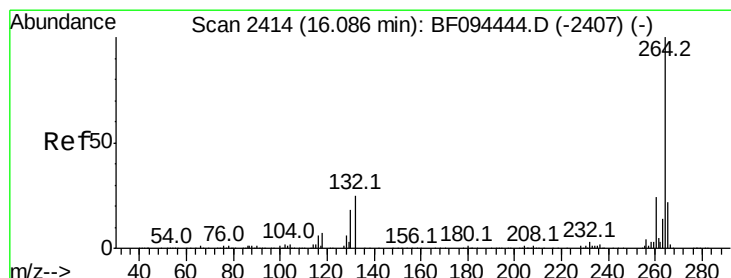
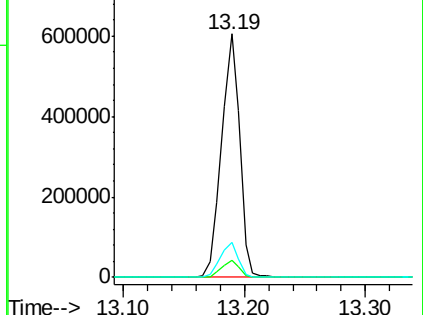
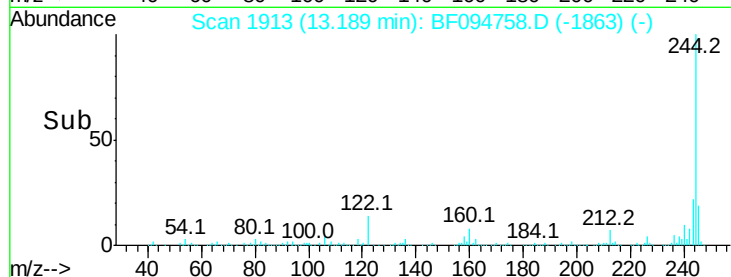
122 14.4 10.3 15.5



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: 16.09 min Scan# 2407

Delta R.T. 0.01 min

Lab File: BF094758.D

Acq: 1 May 2017 19:32

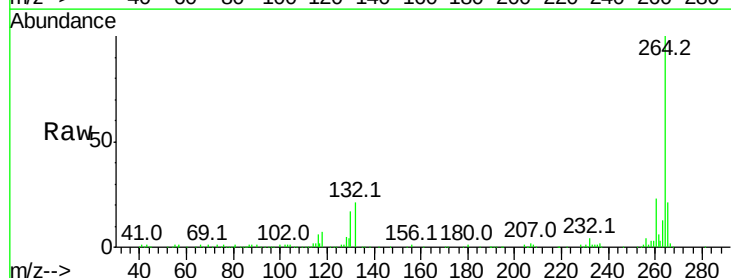
Tgt Ion:264 Resp: 185925

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 21.3 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

