

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094756.D
 Acq On : 1 May 2017 18:38
 Operator : SJ/MA
 Sample : PB98574BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98574BL

Quant Time: May 02 03:49:50 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	109455	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	431206	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	185269	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	289852	20.00	ng	0.00
75) Chrysene-d12	14.47	240	213978	20.00	ng	0.00
86) Perylene-d12	16.09	264	188534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	765160	115.98	ng	0.03
7) Phenol-d6	5.40	99	894247	114.98	ng	0.00
23) Nitrobenzene-d5	6.41	82	558598	79.99	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	155200	107.10	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1028968	81.72	ng	0.00
78) Terphenyl-d14	13.19	244	718605	89.77	ng	0.00

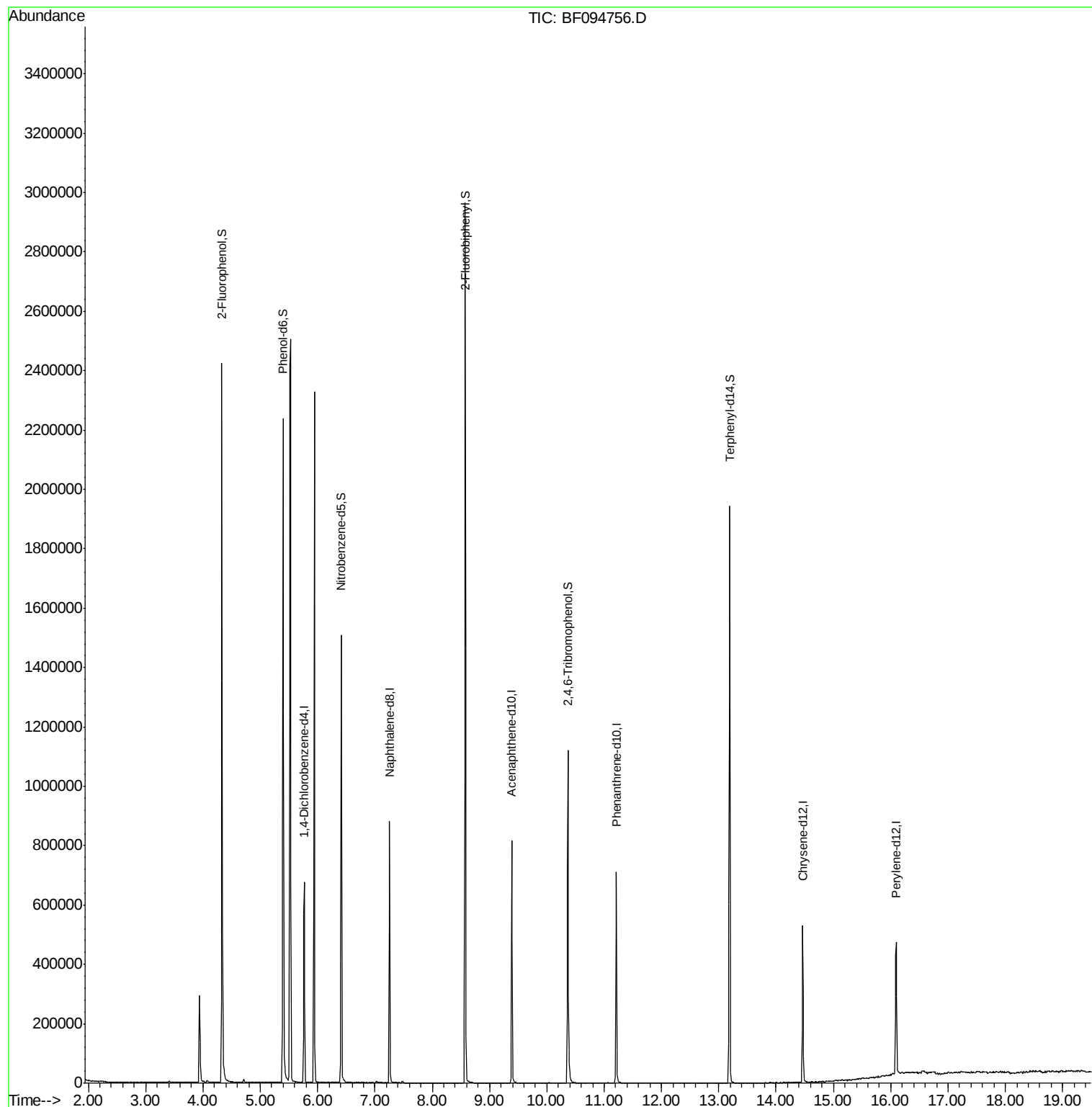
Target Compounds Qvalue

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

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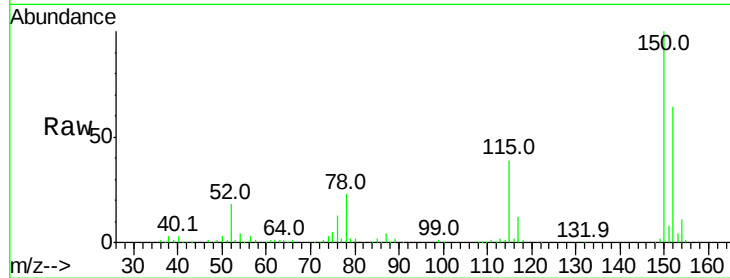


#1

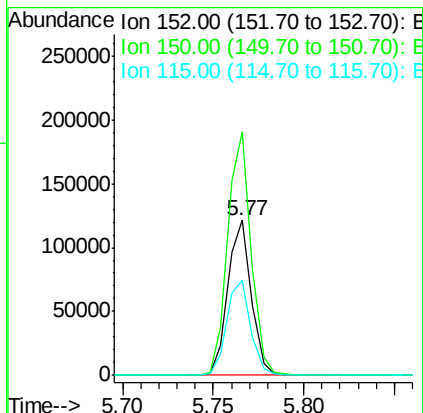
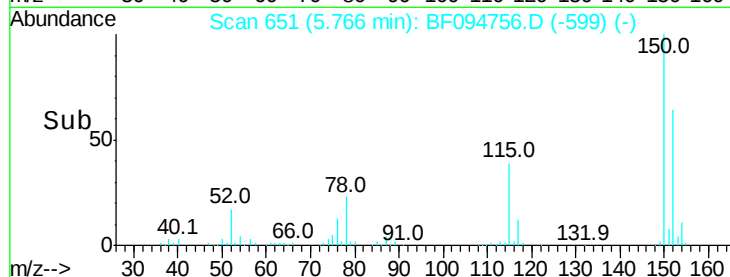
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094756.D
Acq: 1 May 2017 18:38

Instrument :
BNA_F
ClientSampled :
PB98574BL

Tot Ion:152 Resp: 109455
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.2
115 60.9 52.2 78.2



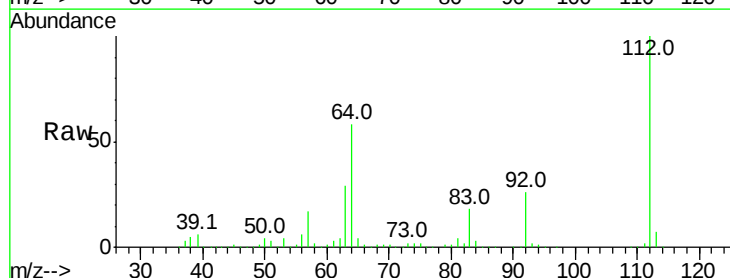
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



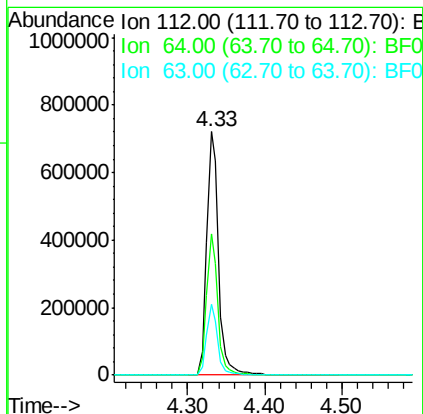
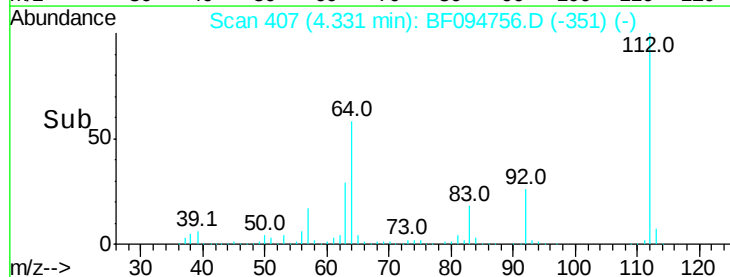
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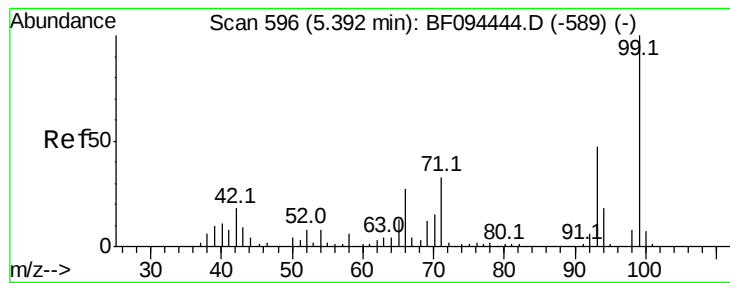
2-Fluorophenol
Concen: 115.98 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094756.D
Acq: 1 May 2017 18:38

Tgt Ion:112 Resp: 765160
Ion Ratio Lower Upper
112 100
64 58.1 46.0 69.0
63 28.9 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: 114.98 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094756.D

Acq: 1 May 2017 18:38

Instrument :

BNA_F

ClientSampleId :

PB98574BL

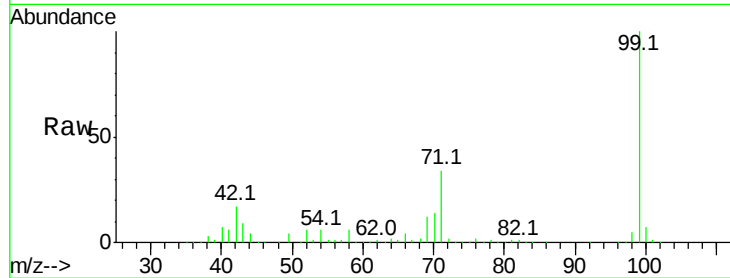
Tot Ion: 99 Resp: 894247

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	33.7	24.5	36.7

99 100

42 17.5 13.5 20.3

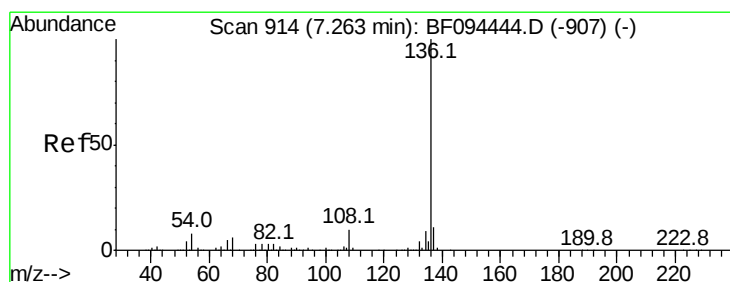
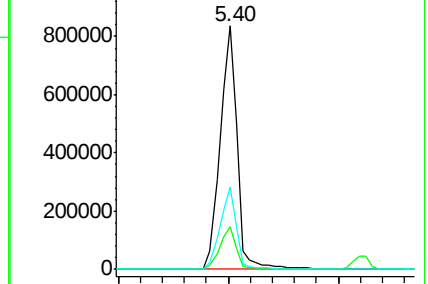
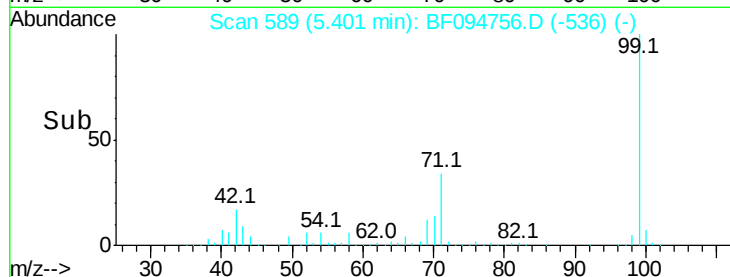
71 33.7 24.5 36.7



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: BF094756.D

Acq: 1 May 2017 18:38

Tgt Ion: 136 Resp: 431206

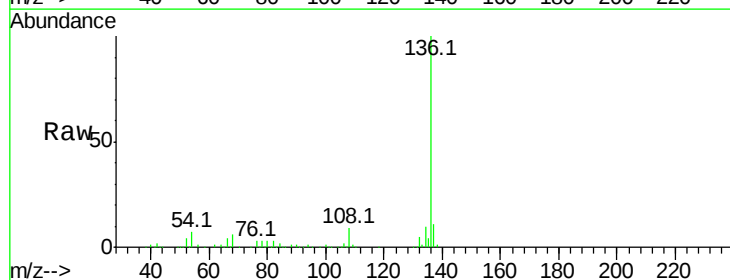
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.8	4.9	7.3
68	5.5	4.1	6.1

136 100

137 10.7 8.5 12.7

54 6.8 4.9 7.3

68 5.5 4.1 6.1

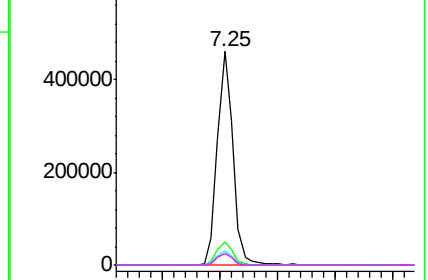
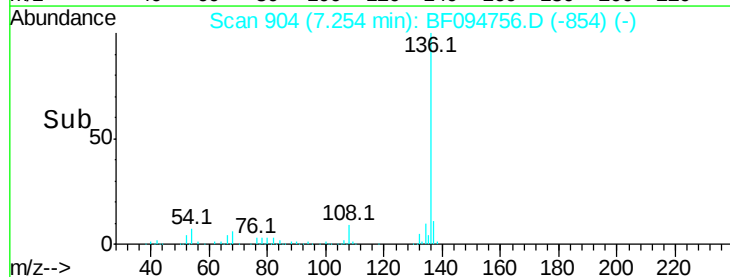


Abundance Ion 136.00 (135.70 to 136.70): E

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

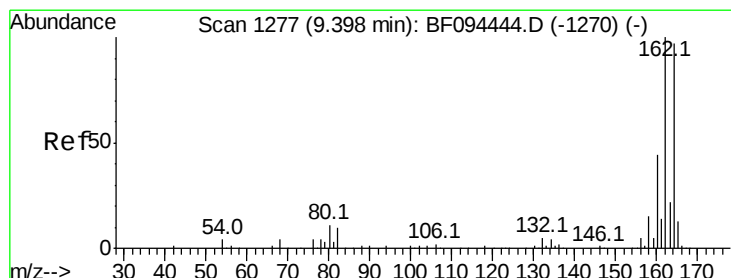
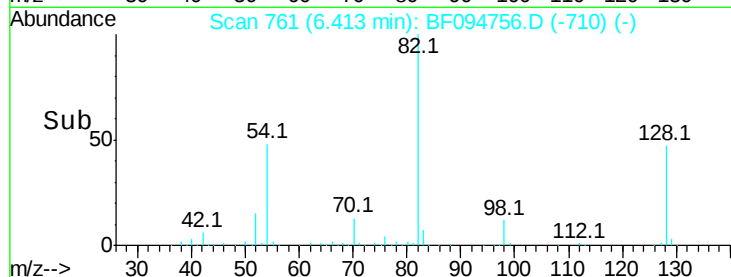
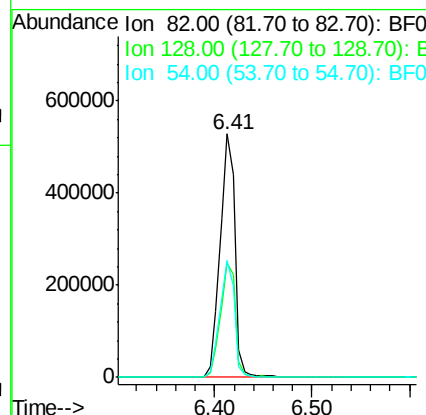
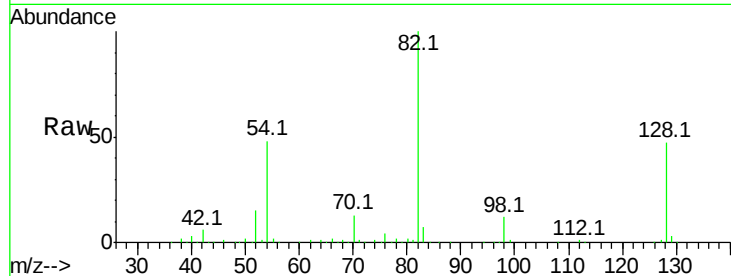




#23
 Nitrobenzene-d5
 Concen: 79.99 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094756.D
 Acq: 1 May 2017 18:38

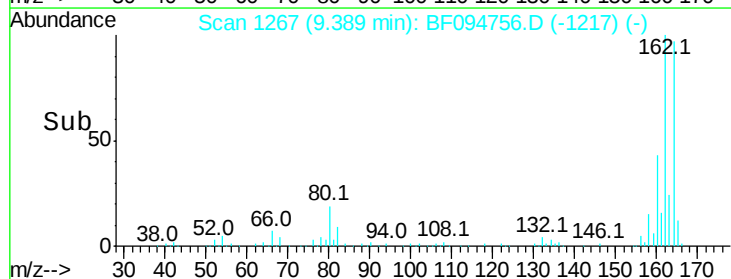
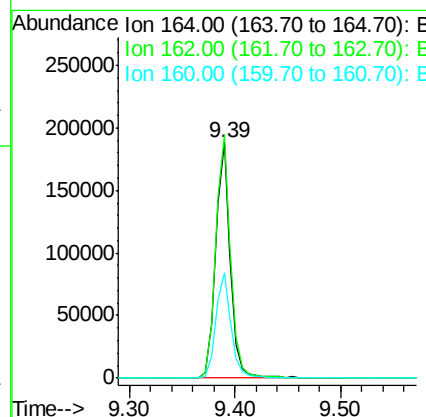
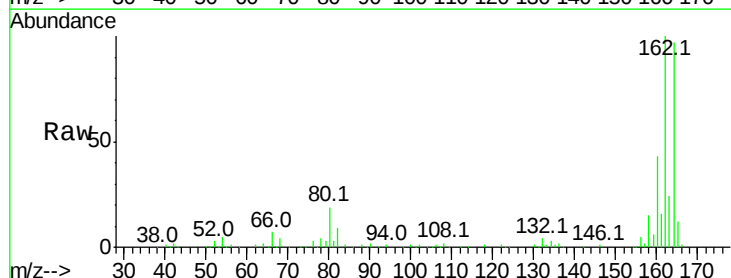
Instrument :
 BNA_F
 ClientSampleId :
 PB98574BL

Tot Ion	82	Resp	558598
Ion Ratio	Lower	Upper	
82	100		
128	46.8	34.0	51.0
54	48.1	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: BF094756.D
 Acq: 1 May 2017 18:38

Tgt Ion	164	Resp	185269
Ion Ratio	Lower	Upper	
164	100		
162	103.2	82.6	123.8
160	44.5	36.2	54.2

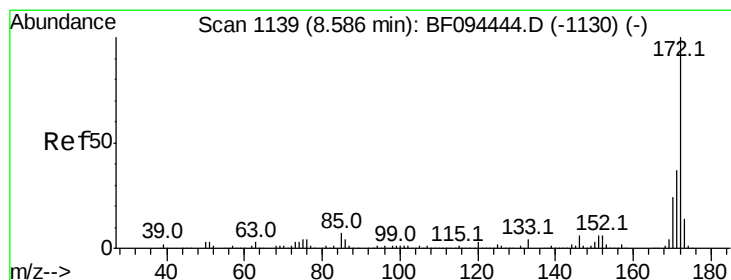
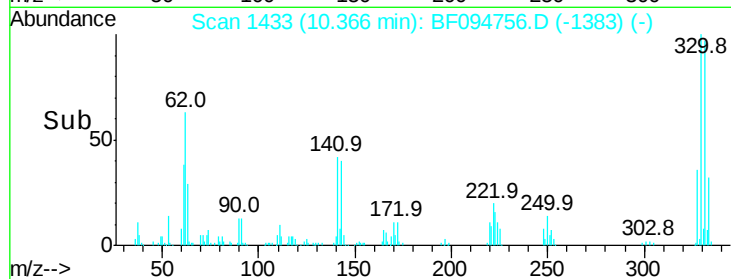
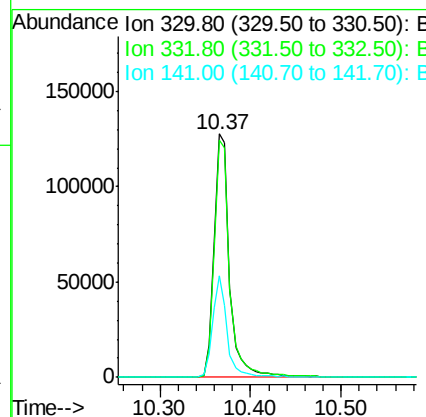
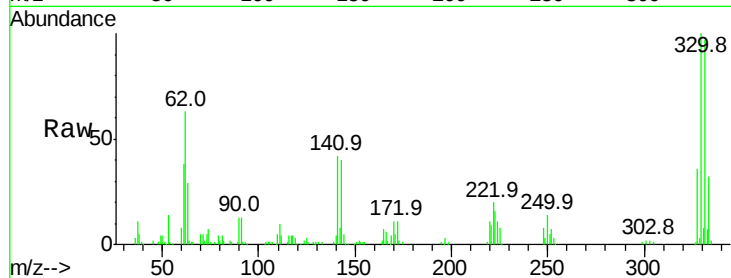




#41
 2,4,6-Tribromophenol
 Concen: 107.10 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094756.D
 Acq: 1 May 2017 18:38

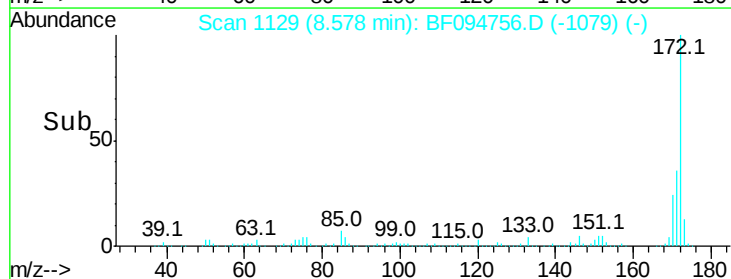
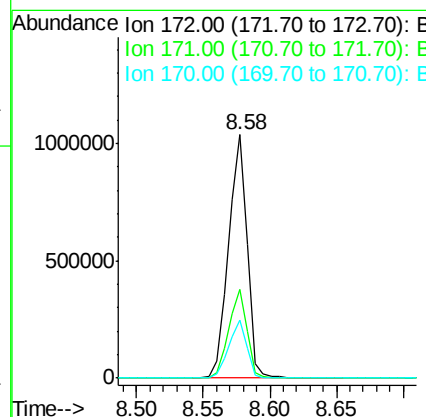
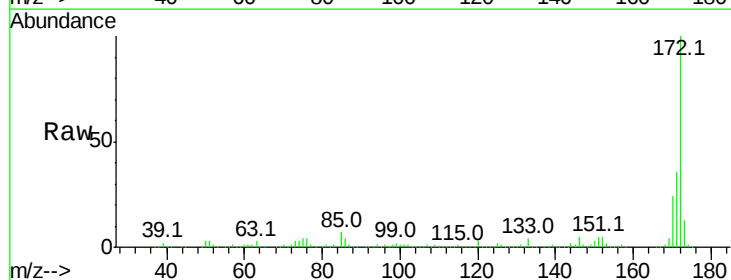
Instrument :
 BNA_F
 ClientSampleId :
 PB98574BL

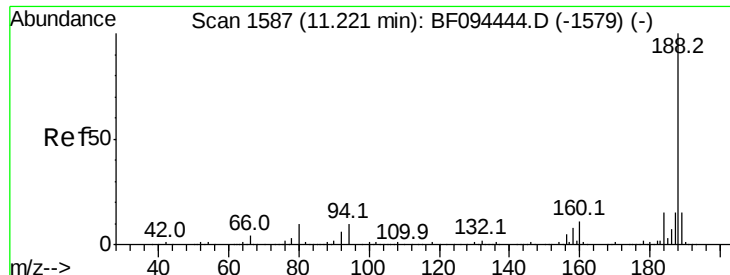
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	115.0
141	38.9	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 81.72 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094756.D
 Acq: 1 May 2017 18:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.8	19.8	29.8

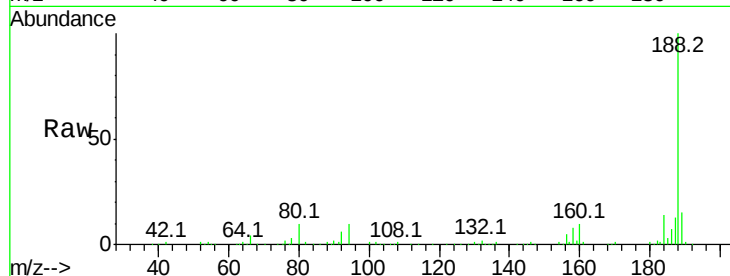




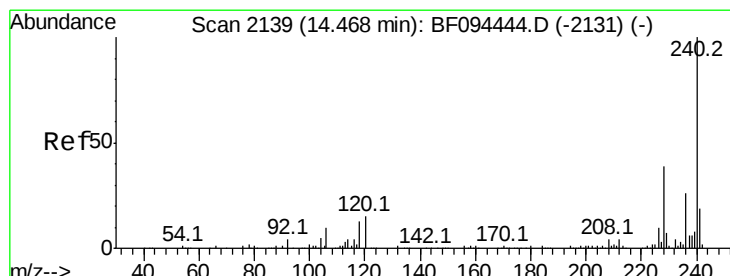
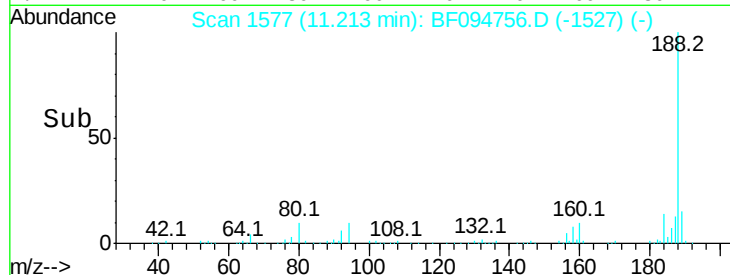
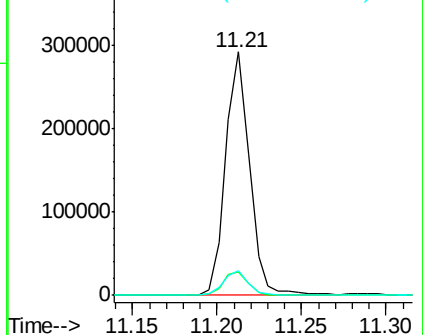
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094756.D
Acq: 1 May 2017 18:38

Instrument :
BNA_F
ClientSampleId :
PB98574BL

Tot Ion:188 Resp: 289852
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.2
80 10.2 10.2 15.2

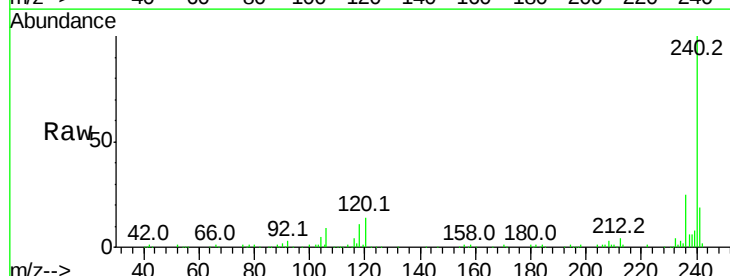


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

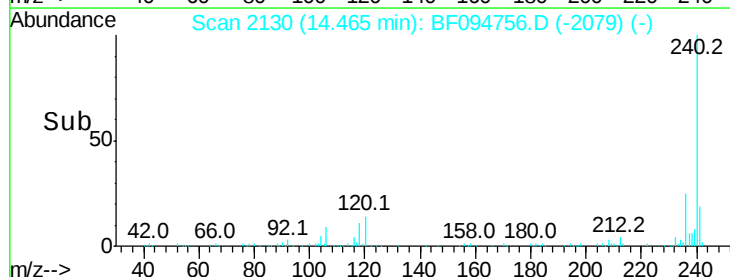
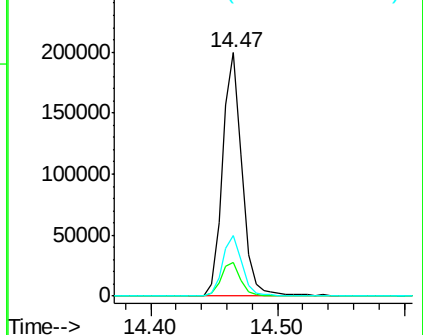


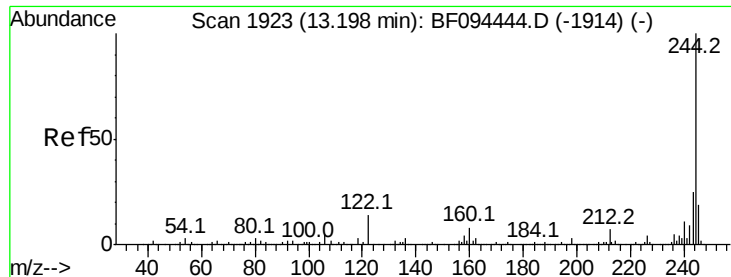
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094756.D
Acq: 1 May 2017 18:38

Tgt Ion:240 Resp: 213978
Ion Ratio Lower Upper
240 100
120 13.7 5.8 8.8#
236 24.8 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: 89.77 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094756.D

Acq: 1 May 2017 18:38

Instrument :

BNA_F

ClientSampleId :

PB98574BL

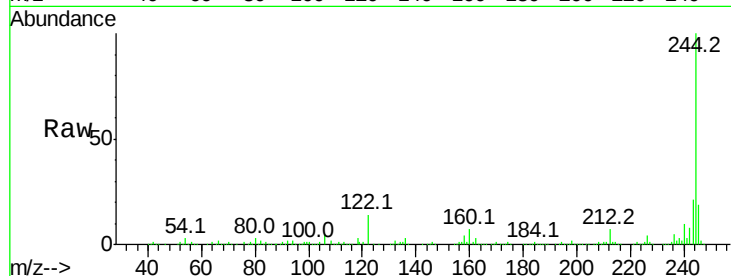
Tot Ion:244 Resp: 718605

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

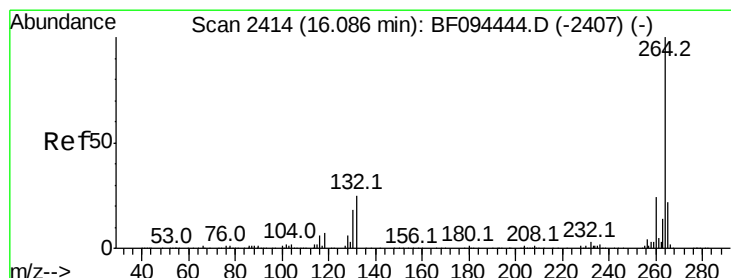
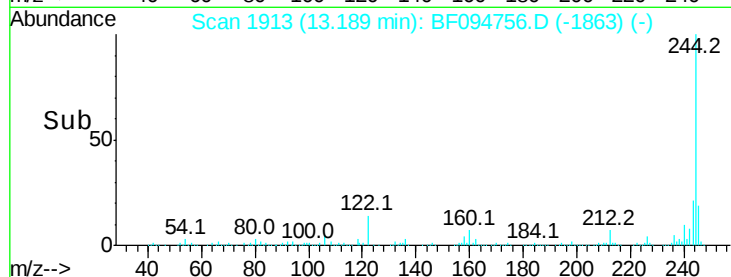
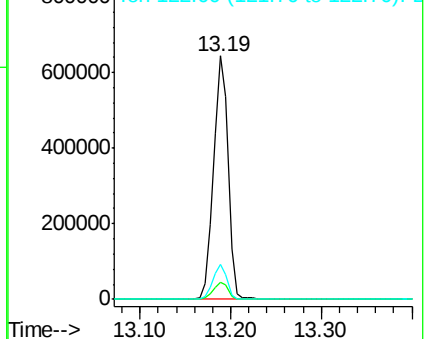
122 14.4 10.3 15.5



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: BF094756.D

Acq: 1 May 2017 18:38

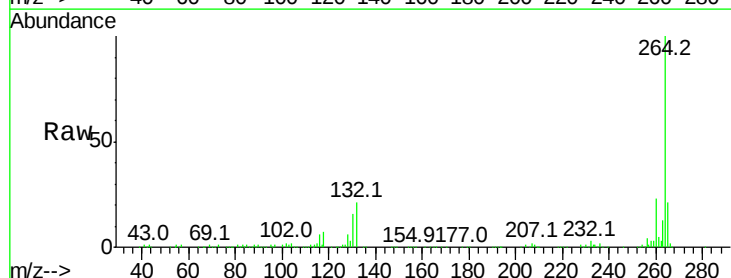
Tgt Ion:264 Resp: 188534

Ion Ratio Lower Upper

264 100

260 23.4 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

