

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094775.D
 Acq On : 2 May 2017 3:41
 Operator : SJ/MA
 Sample : I2928-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 04:55:14 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

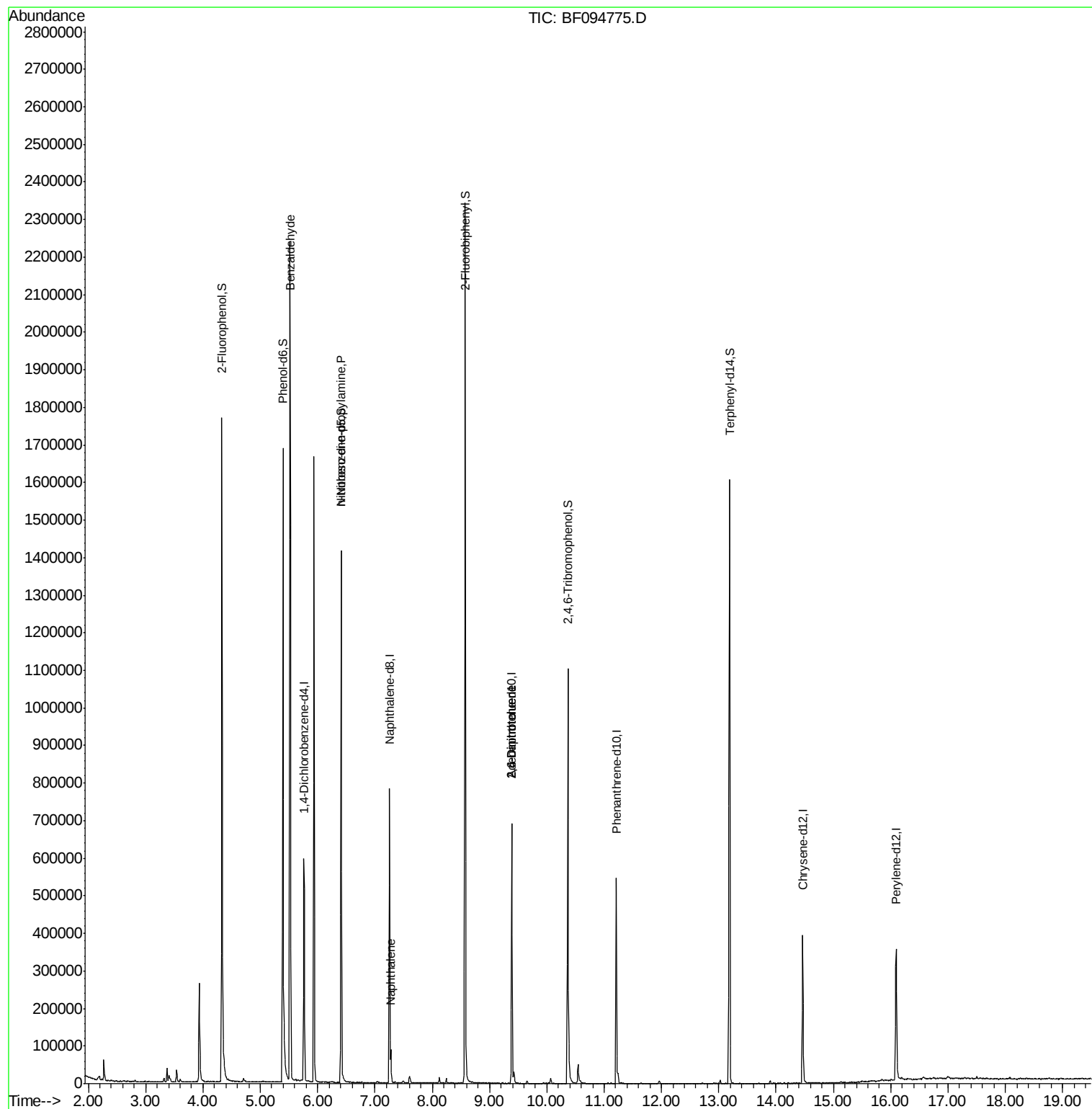
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	96317	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	381469	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	161850	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	241820	20.00	ng	0.00
75) Chrysene-d12	14.47	240	184166	20.00	ng	0.00
86) Perylene-d12	16.09	264	162463	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	589217	101.49	ng	0.03
7) Phenol-d6	5.40	99	670467	97.96	ng	0.00
23) Nitrobenzene-d5	6.41	82	464312	75.16	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	152862	120.75	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	877832	79.80	ng	0.00
78) Terphenyl-d14	13.19	244	580422	84.24	ng	0.00
Target Compounds						
9) Benzaldehyde	5.52	77	12379	2.38	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	6.41	70	60138	13.26	ng	# 75
31) Naphthalene	7.28	128	36887	2.01	ng	99
50) 2,6-Dinitrotoluene	9.39	165	20139	7.44	ng	# 31
56) 2,4-Dinitrotoluene	9.39	165	20133	6.06	ng	# 31

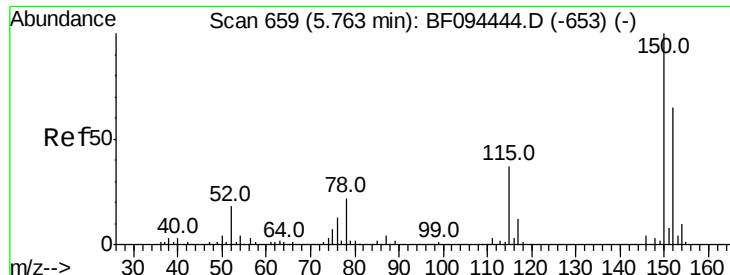
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094775.D
Acq On : 2 May 2017 3:41
Operator : SJ/MA
Sample : I2928-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 02 04:55:14 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



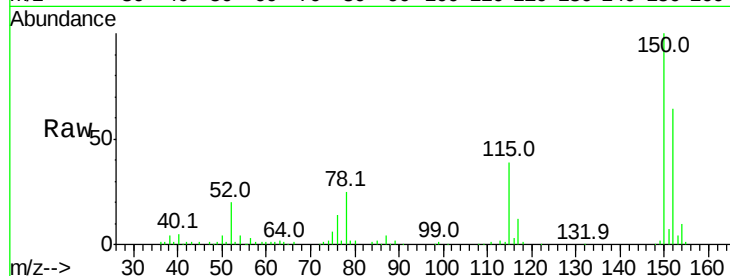


#1

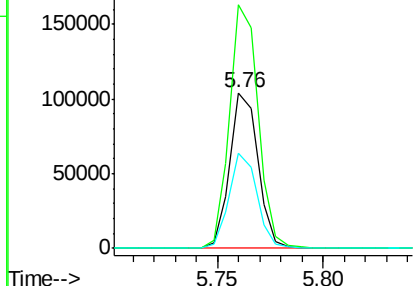
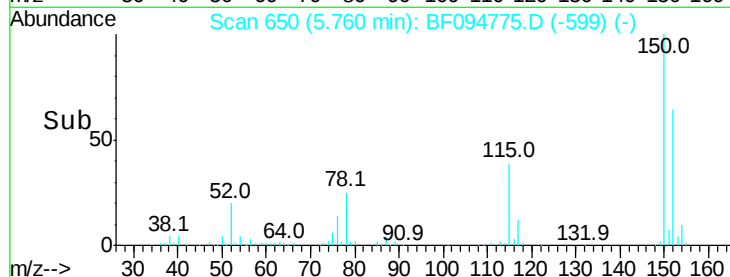
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094775.D
Acq: 2 May 2017 3:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 96317
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.2
115 61.4 52.2 78.2



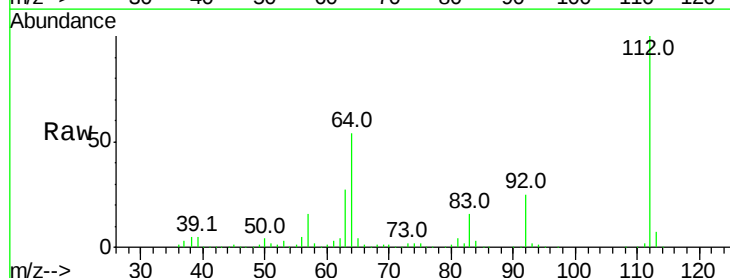
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



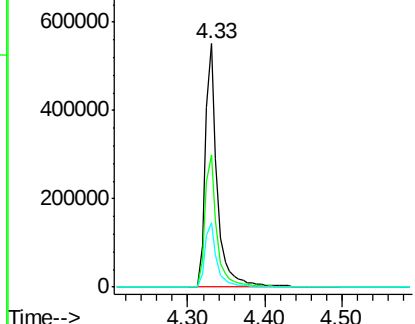
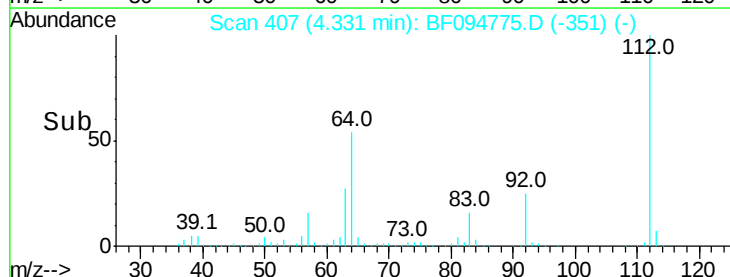
#5

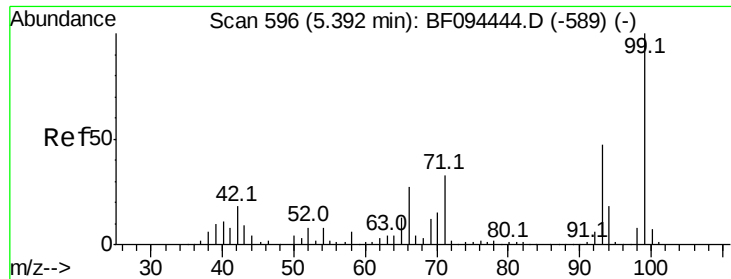
2-Fluorophenol
Concen: 101.49 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094775.D
Acq: 2 May 2017 3:41

Tgt Ion:112 Resp: 589217
Ion Ratio Lower Upper
112 100
64 54.2 46.0 69.0
63 26.7 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: 97.96 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094775.D

Acq: 2 May 2017 3:41

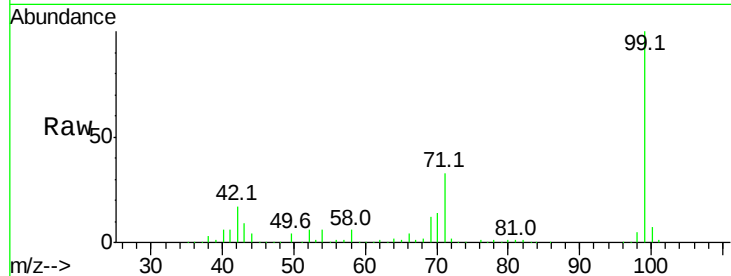
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 670467

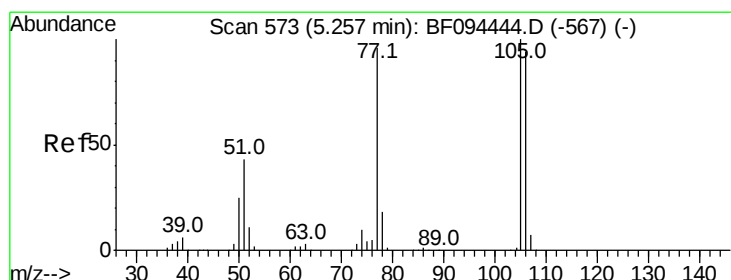
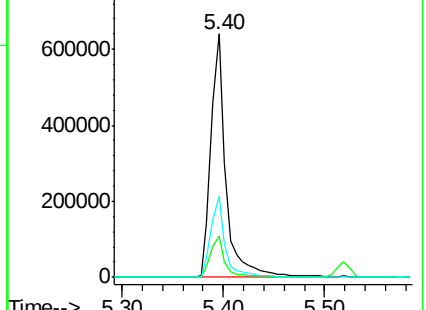
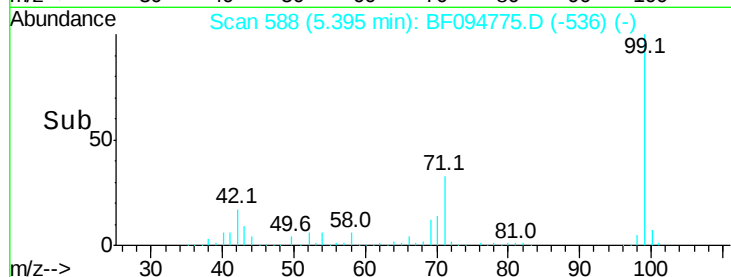
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.5	20.3
71	33.4	24.5	36.7



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



#9

Benzaldehyde

Concen: 2.38 ng

RT: 5.52 min Scan# 609

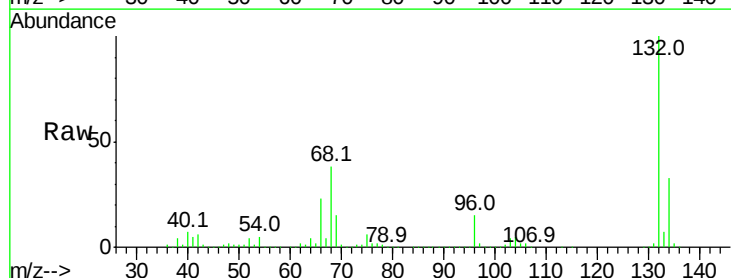
Delta R.T. 0.26 min

Lab File: BF094775.D

Acq: 2 May 2017 3:41

Tgt Ion: 77 Resp: 12379

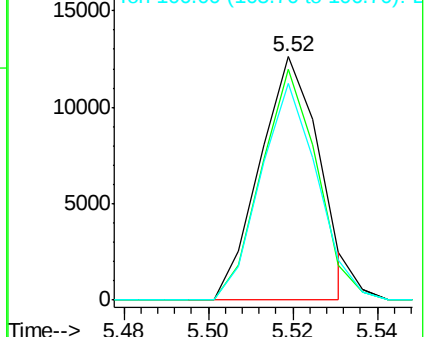
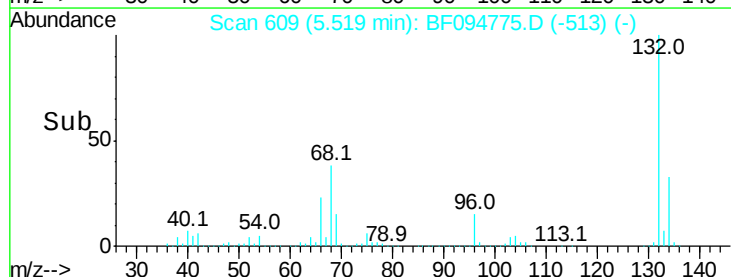
Ion	Ratio	Lower	Upper
77	100		
105	95.1	83.8	123.8
106	89.2	79.1	119.1

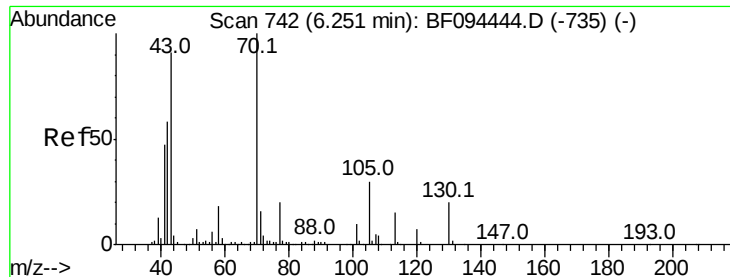


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

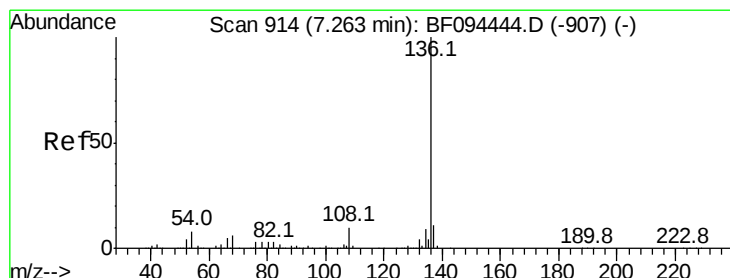
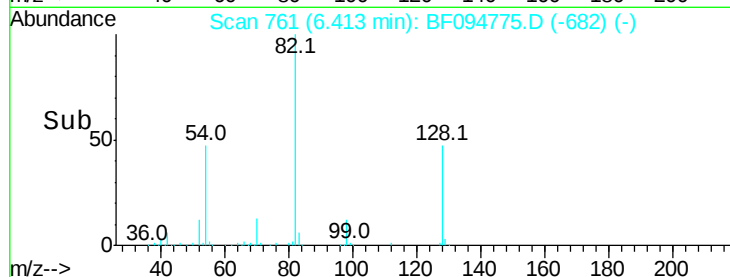
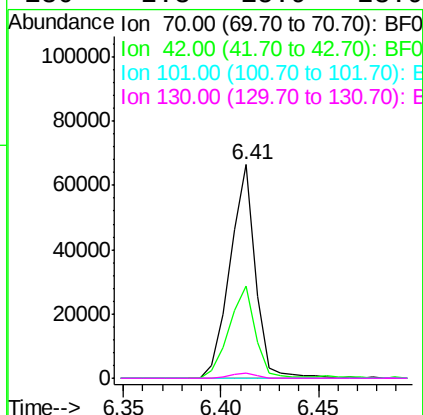
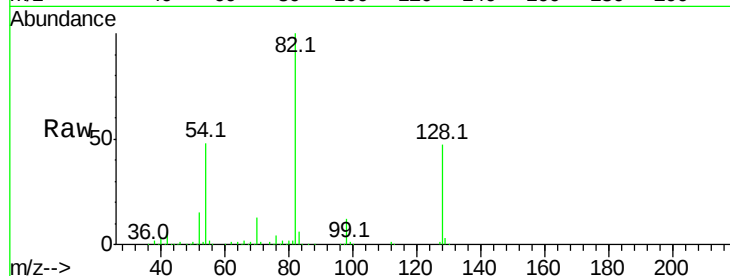




#19
n-Nitroso-di-n-propylamine
Concen: 13.26 ng
RT: 6.41 min Scan# 761
Delta R.T. 0.16 min
Lab File: BF094775.D
Acq: 2 May 2017 3:41

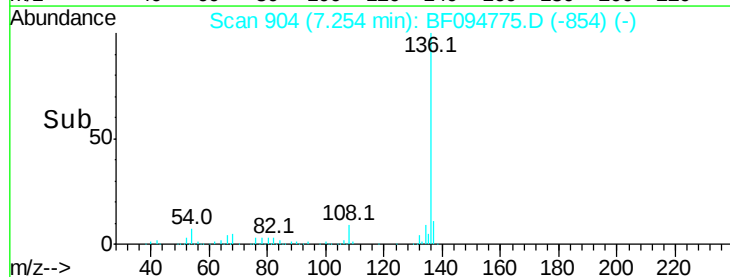
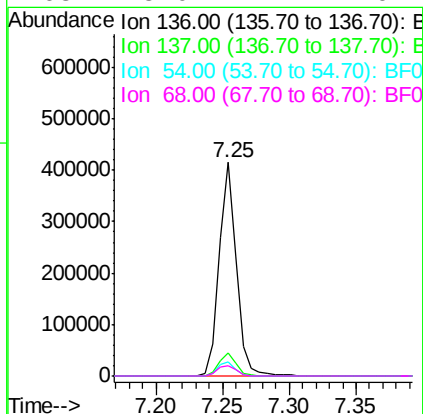
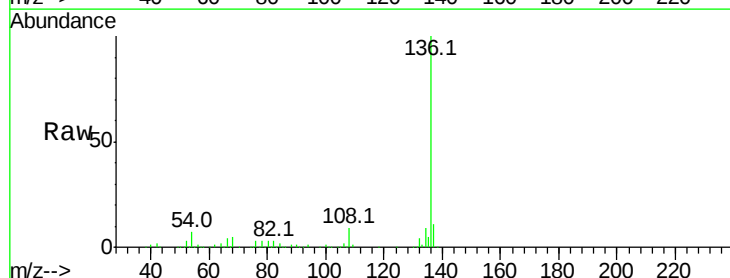
Instrument :
BNA_F
ClientSampled :

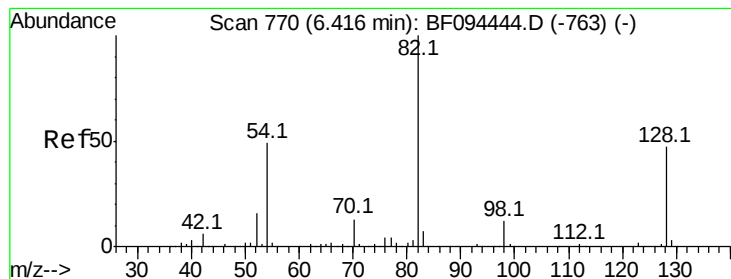
Tot Ion: 70 Resp: 60138
Ion Ratio Lower Upper
70 100
42 43.3 47.2 70.8#
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF094775.D
Acq: 2 May 2017 3:41

Tgt Ion: 136 Resp: 381469
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 6.5 4.9 7.3
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 75.16 ng

RT: 6.41 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF094775.D

Acq: 2 May 2017 3:41

Instrument :

BNA_F

ClientSampleId :

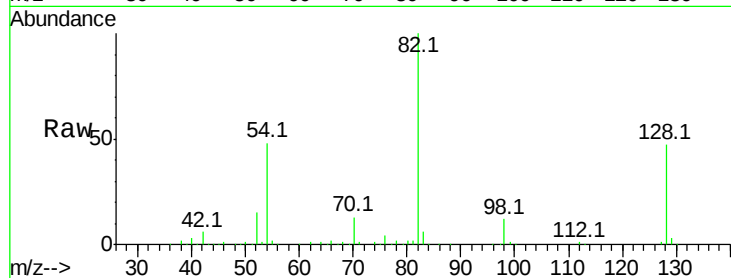
Tot Ion: 82 Resp: 464312

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

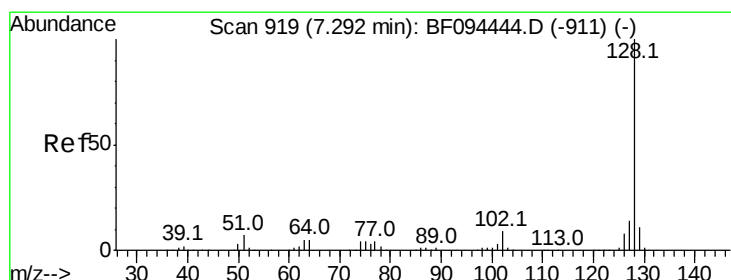
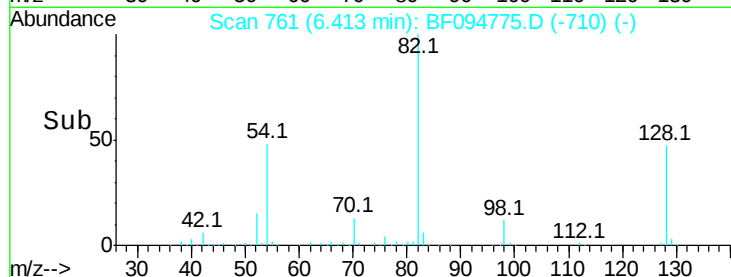
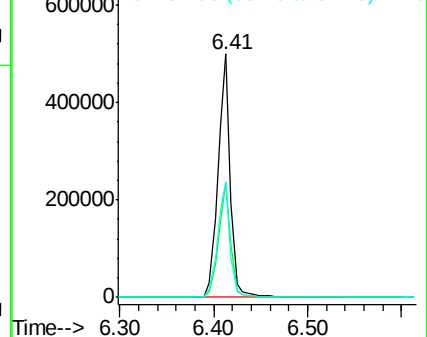
54 47.5 42.2 63.2



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



#31

Naphthalene

Concen: 2.01 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF094775.D

Acq: 2 May 2017 3:41

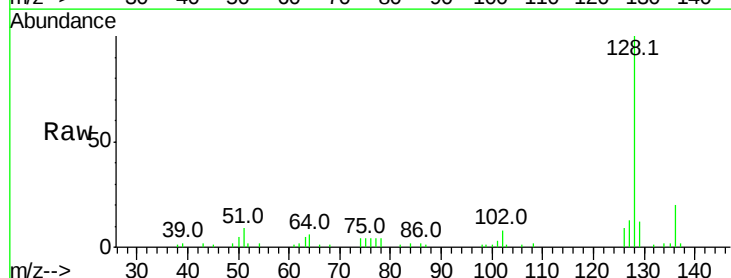
Tgt Ion:128 Resp: 36887

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

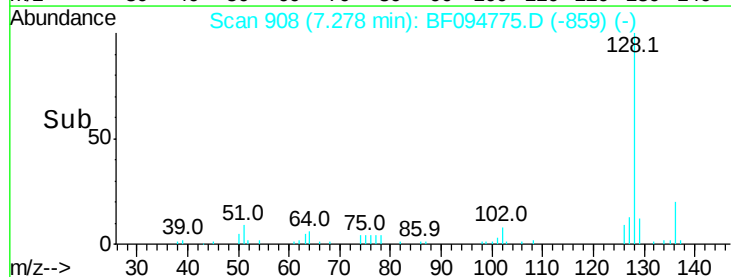
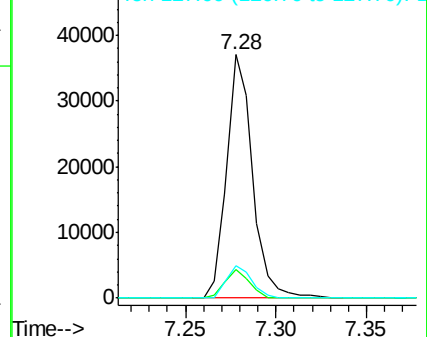
127 13.1 10.8 16.2

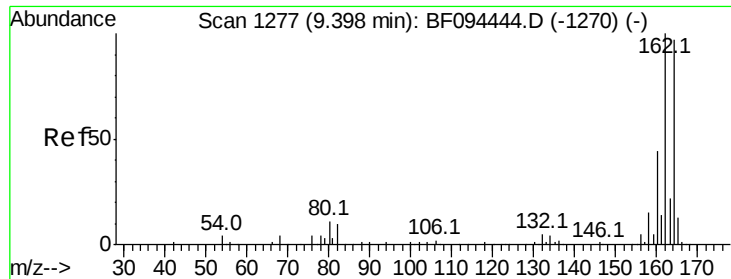


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

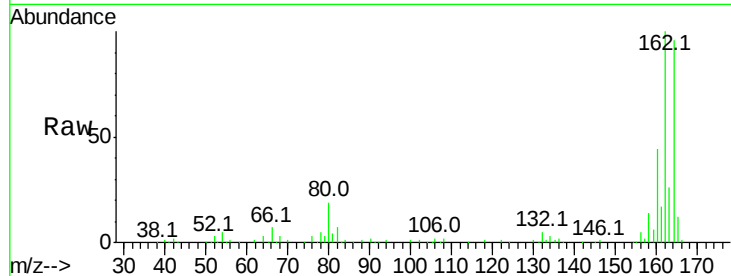




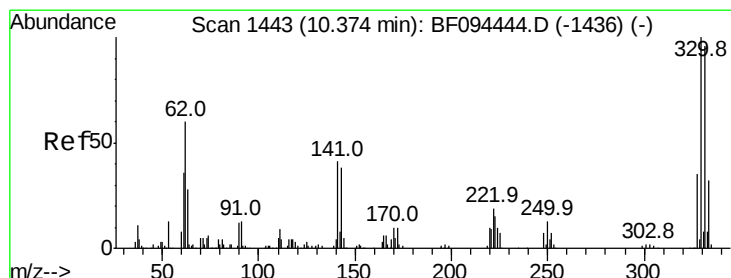
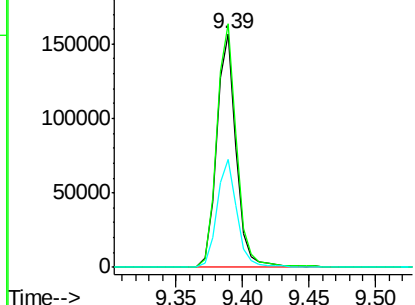
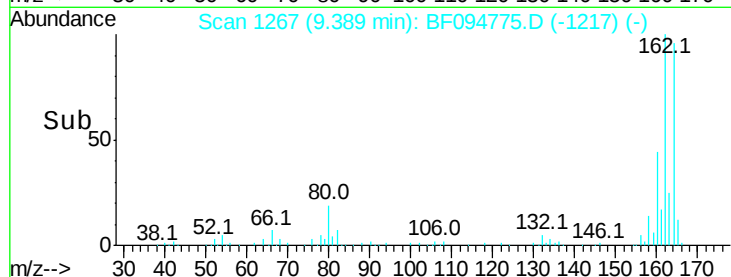
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094775.D
 Acq: 2 May 2017 3:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	46.0	36.2	54.2

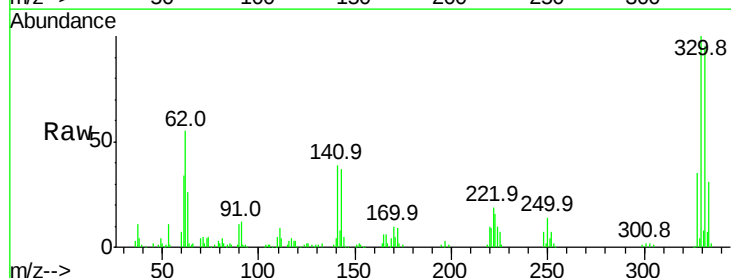


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

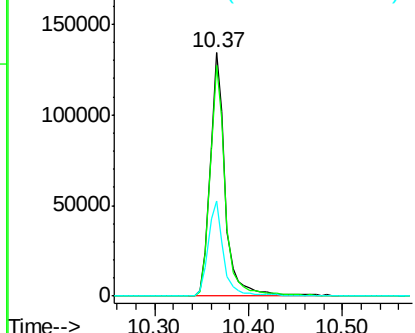
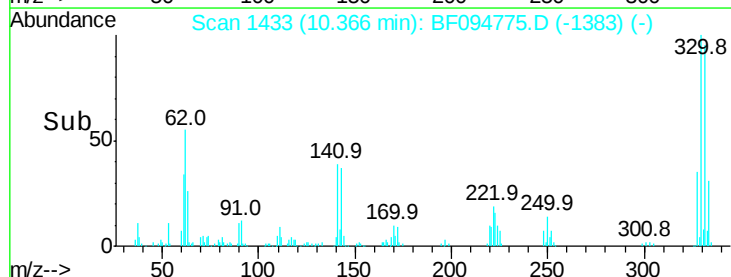


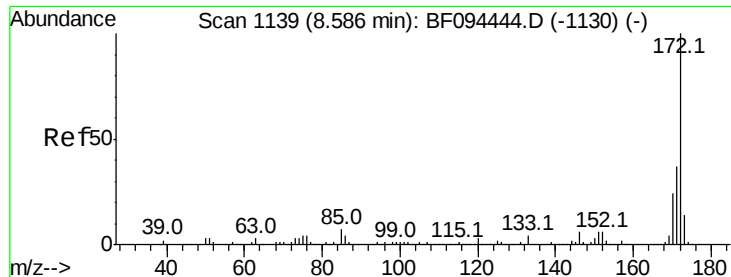
#41
 2,4,6-Tribromophenol
 Concen: 120.75 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094775.D
 Acq: 2 May 2017 3:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	39.6	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

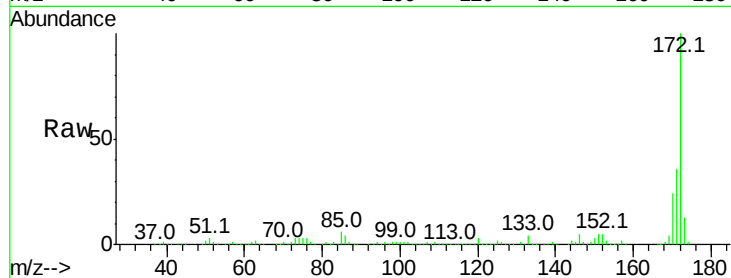




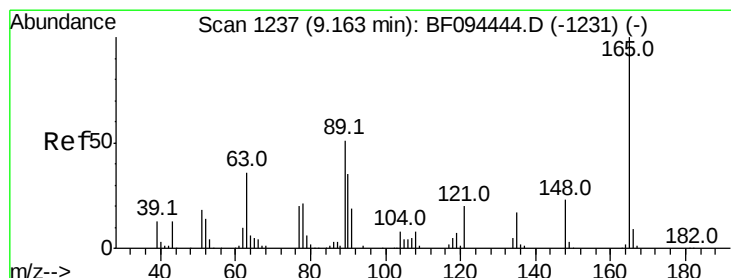
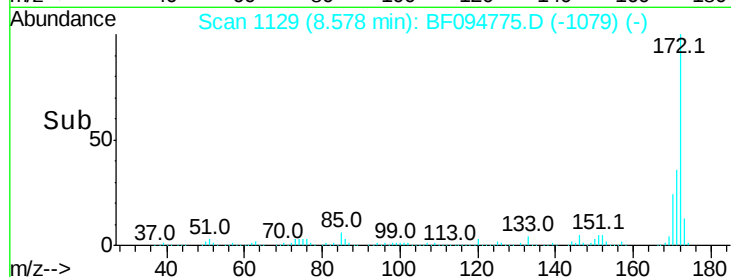
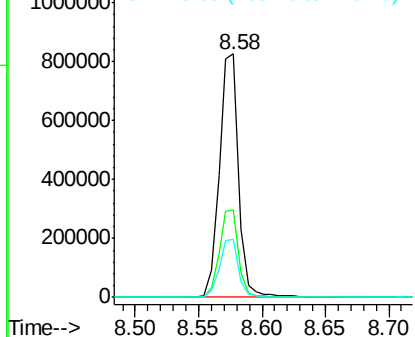
#44
 2-Fluorobiphenyl
 Concen: 79.80 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094775.D
 Acq: 2 May 2017 3:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 877832
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.7 19.8 29.8

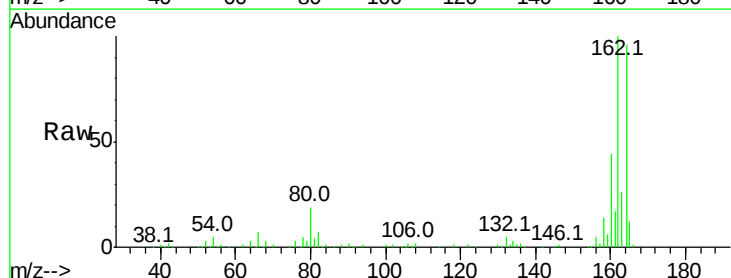


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

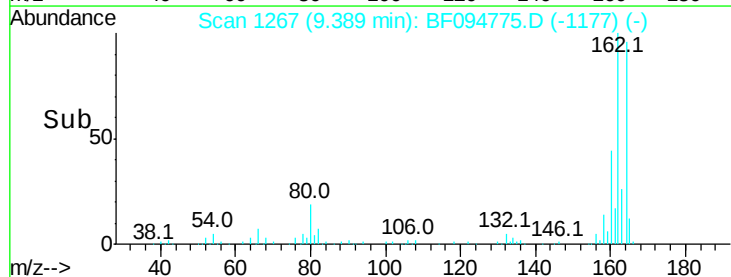
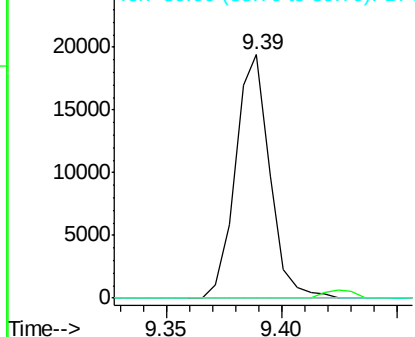


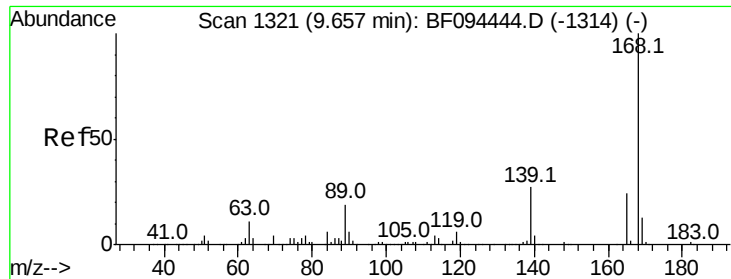
#50
 2,6-Dinitrotoluene
 Concen: 7.44 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. 0.23 min
 Lab File: BF094775.D
 Acq: 2 May 2017 3:41

Tgt Ion:165 Resp: 20139
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

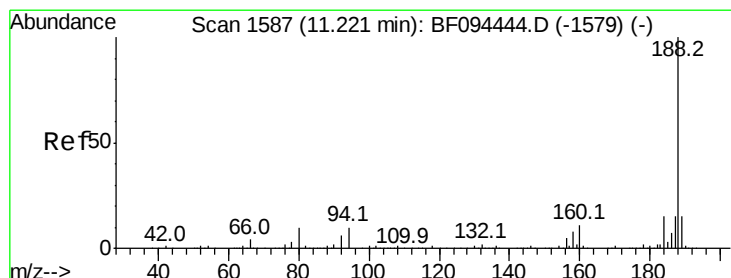
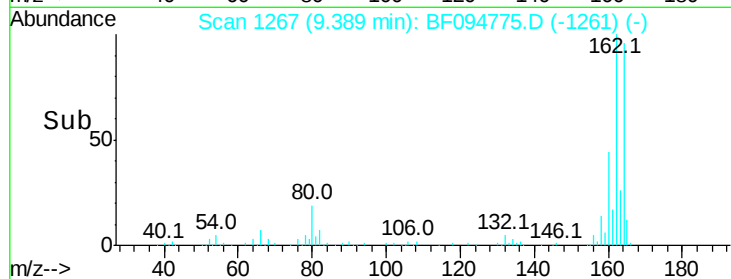
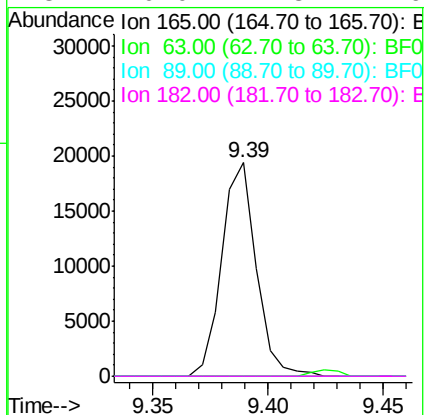
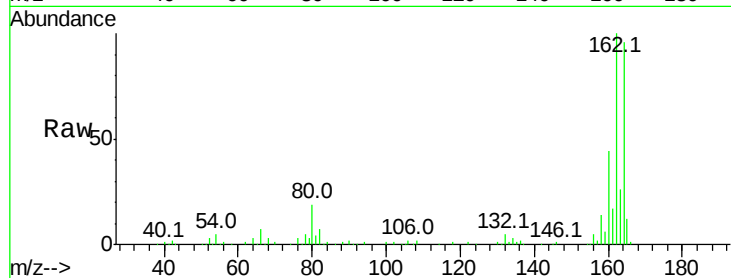




#56
 2,4-Dinitrotoluene
 Concen: 6.06 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094775.D
 Acq: 2 May 2017 3:41

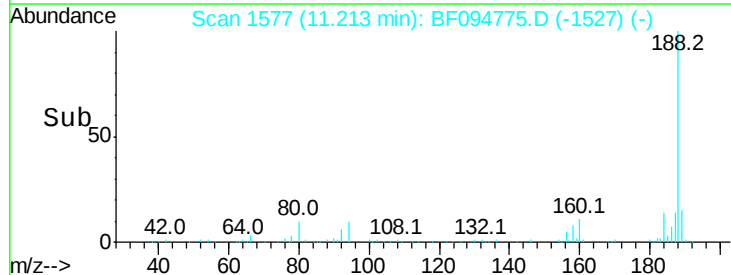
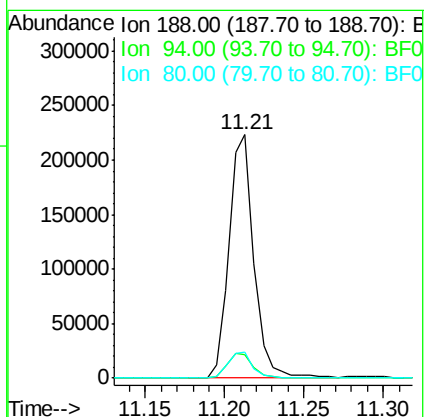
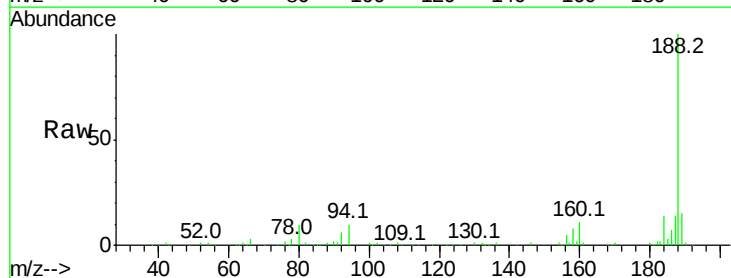
Instrument :
 BNA_F
 ClientSampleId :

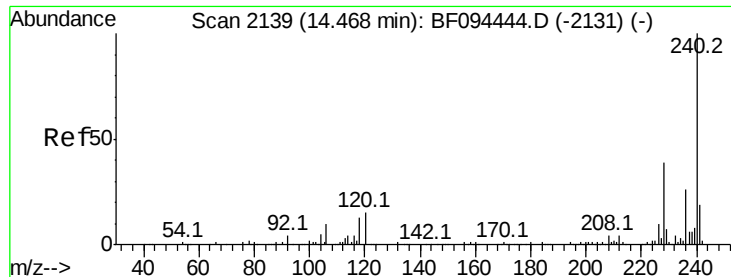
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094775.D
 Acq: 2 May 2017 3:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	10.4	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094775.D

Acq: 2 May 2017 3:41

Instrument :

BNA_F

ClientSampleId :

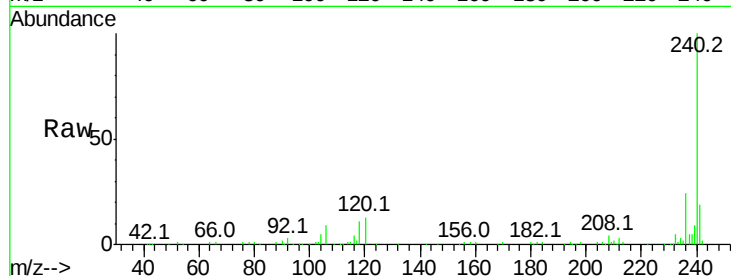
Tot Ion:240 Resp: 184166

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

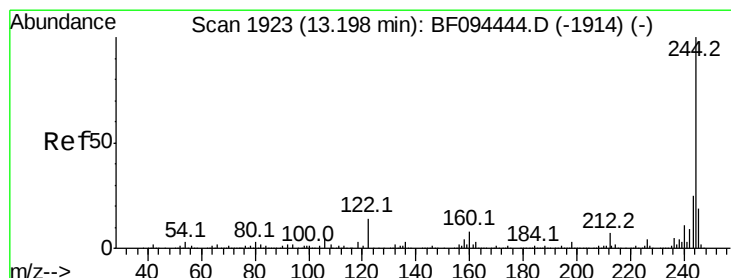
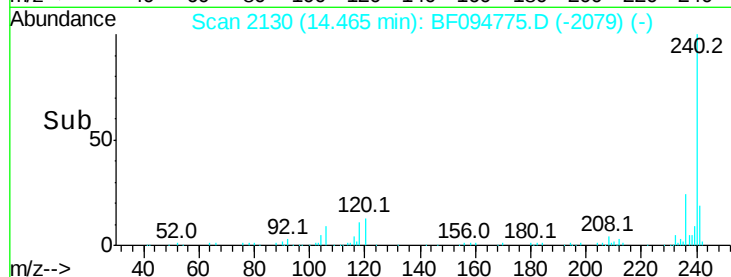
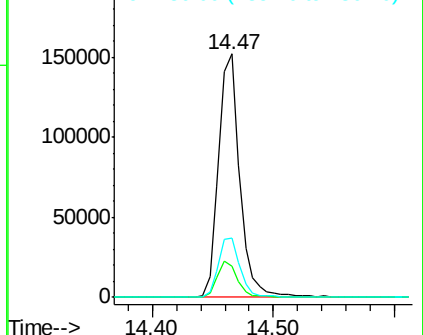
236 24.5 20.5 30.7



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: 84.24 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094775.D

Acq: 2 May 2017 3:41

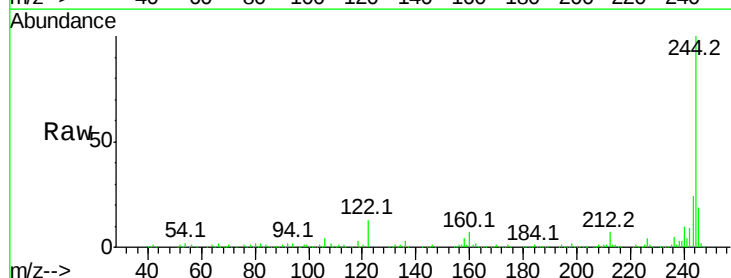
Tgt Ion:244 Resp: 580422

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

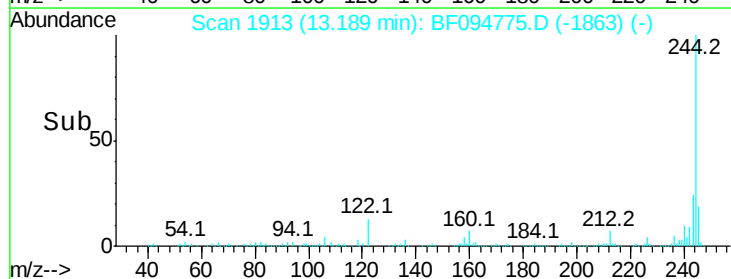
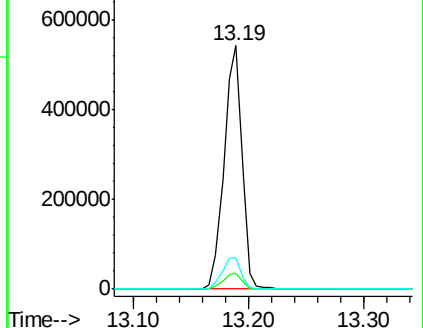
122 12.9 10.3 15.5

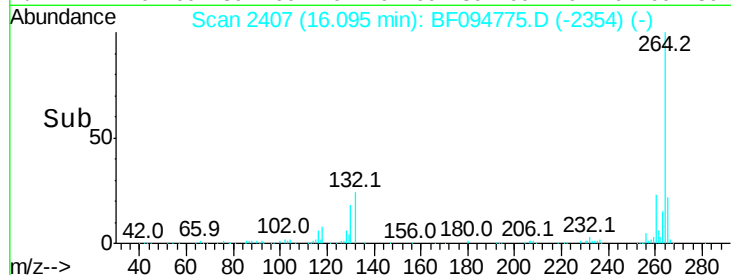
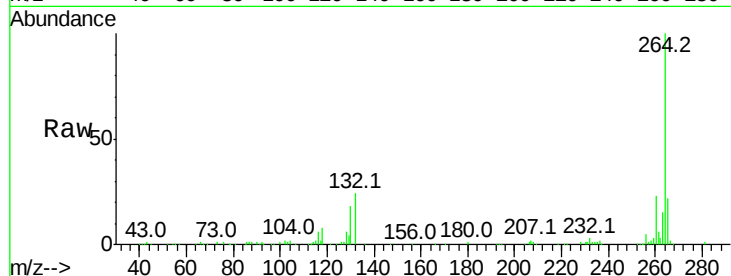
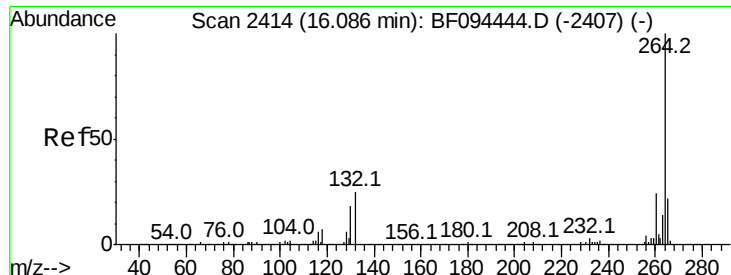


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF094775.D
Acq: 2 May 2017 3:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	22.5	17.2	25.8

