

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 :

Quant Time: May 02 06:49:14 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

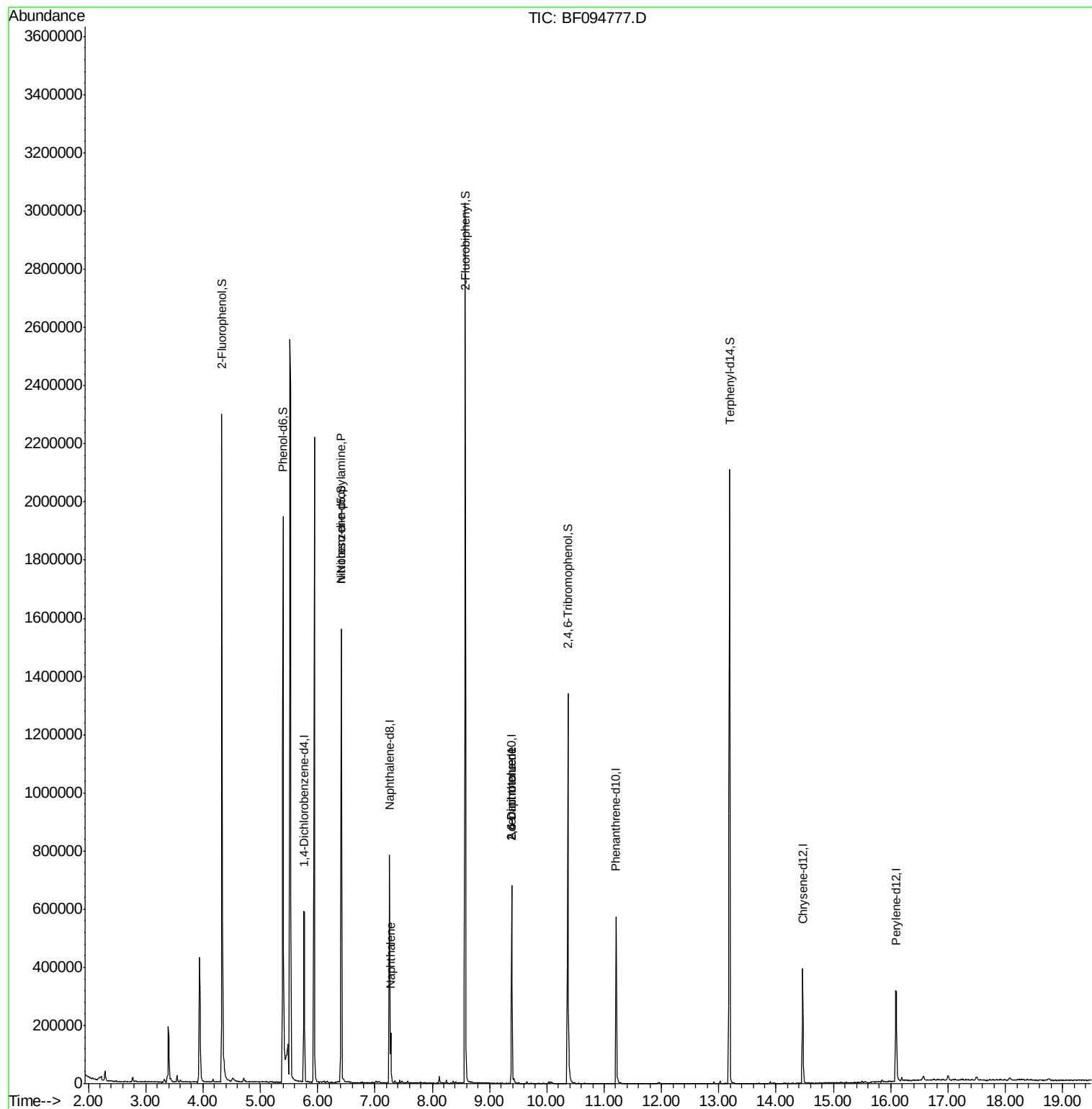
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	101332	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	381730	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	165756	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	257605	20.00	ng	-0.01
75) Chrysene-d12	14.46	240	177504	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						
19) n-Nitroso-di-n-propylamine	6.41	70	76638	16.06	ng	# 77
31) Naphthalene	7.28	128	75576	4.12	ng	99
50) 2,6-Dinitrotoluene	9.39	165	21028	7.58	ng	# 35
56) 2,4-Dinitrotoluene	9.39	165	21027	6.18	ng	# 34

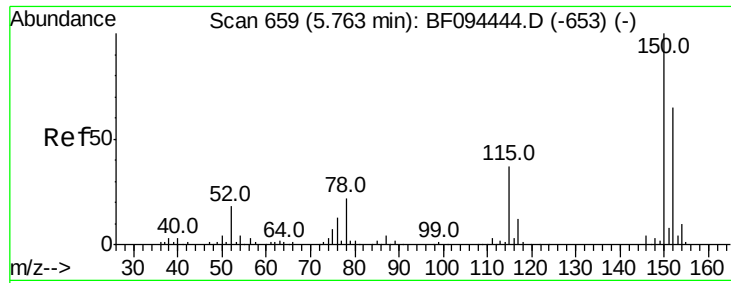
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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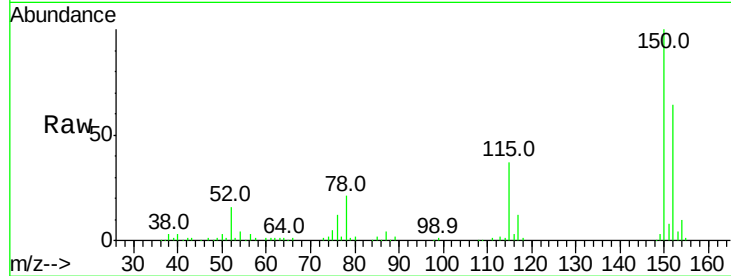


#1

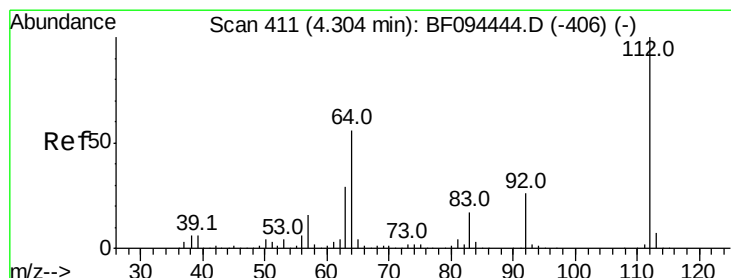
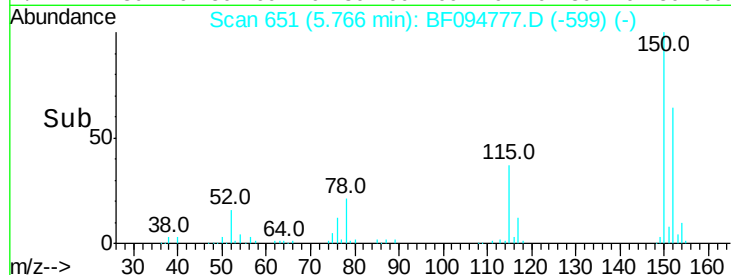
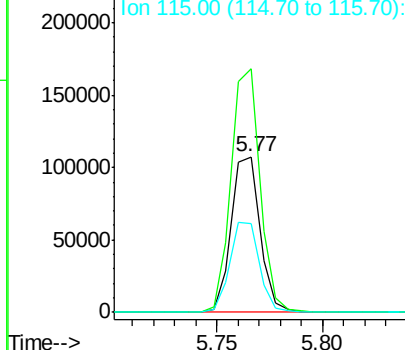
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094777.D
Acq: 2 May 2017 4:35

Instrument :
BNA_F
ClientSampleId :

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



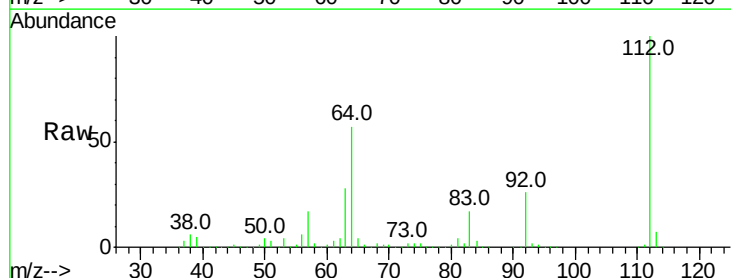
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



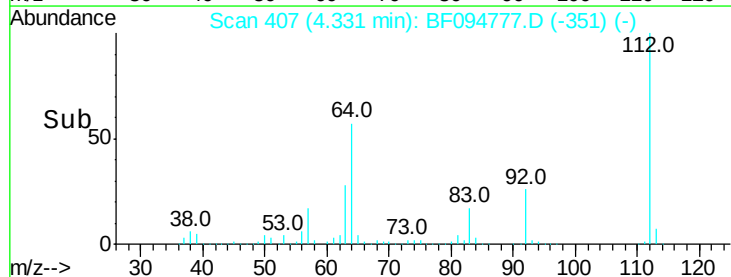
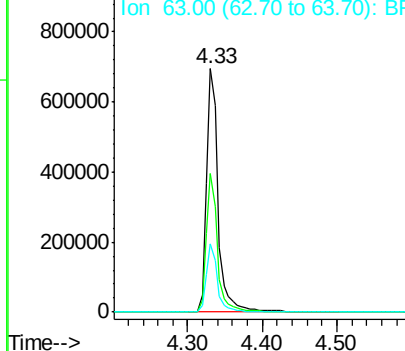
#5

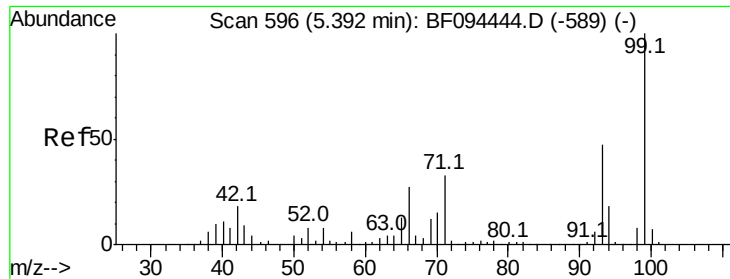
2-Fluorophenol
Concen: 124.25 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094777.D
Acq: 2 May 2017 4:35

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 :

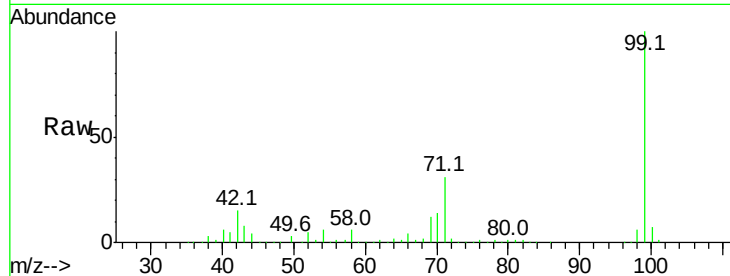
Tot Ion: 99 Resp: 864450

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

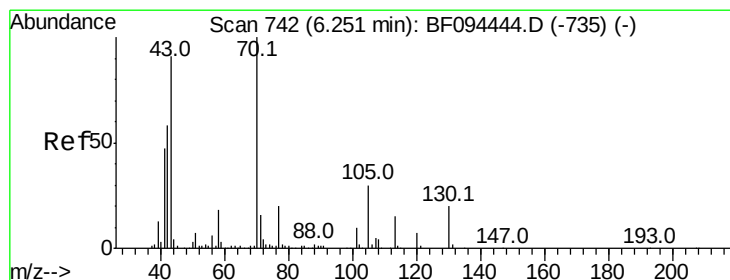
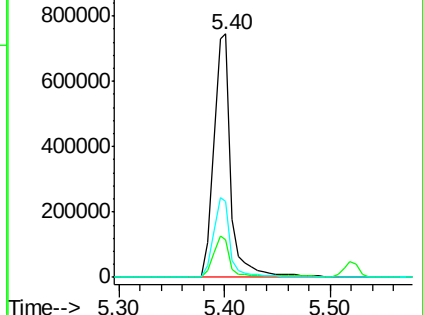
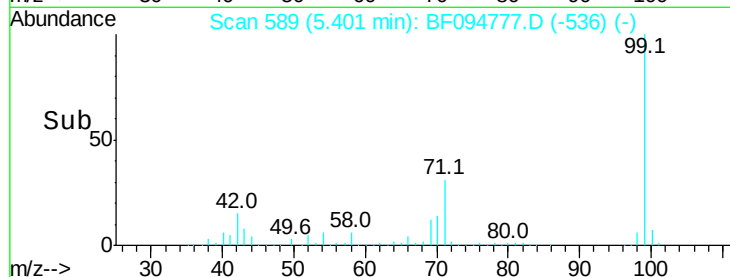
71 31.4 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.06 ng

RT: 6.41 min Scan# 761

Delta R.T. 0.16 min

Lab File: BF094777.D

Acq: 2 May 2017 4:35

Tgt Ion: 70 Resp: 76638

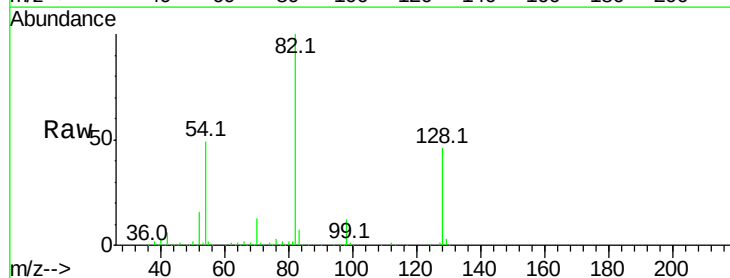
Ion Ratio Lower Upper

70 100

42 45.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

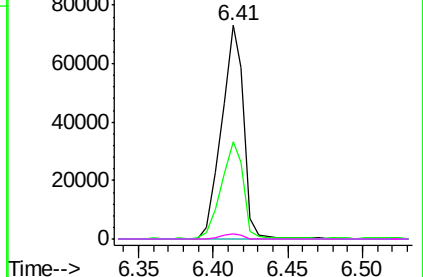
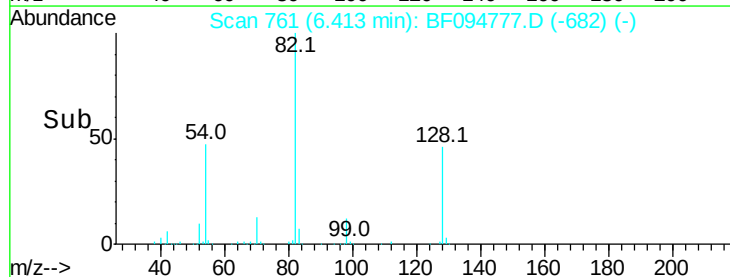


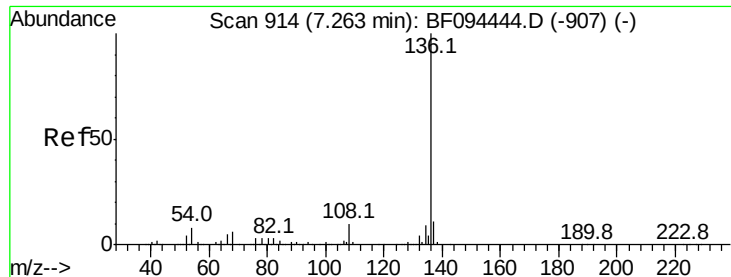
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

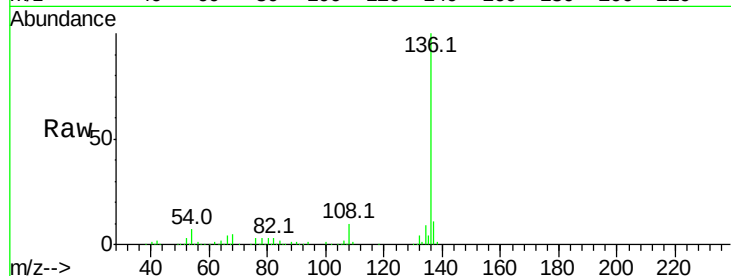




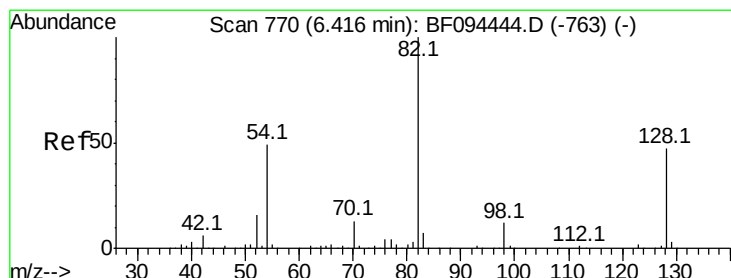
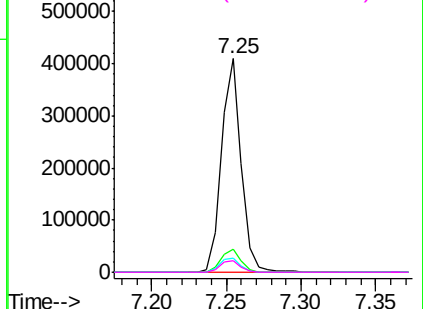
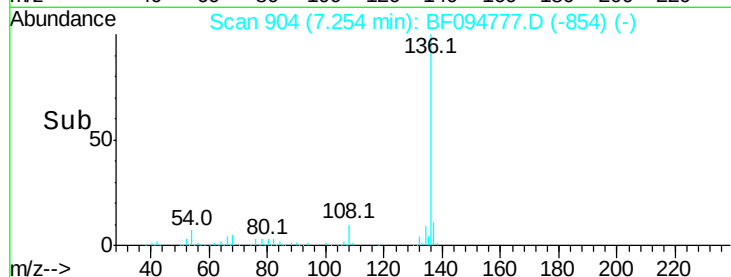
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF094777.D
Acq: 2 May 2017 4:35

Instrument :
BNA_F
ClientSampleId :

Tot 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

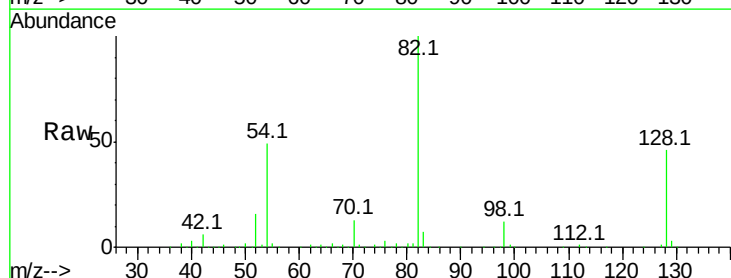


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

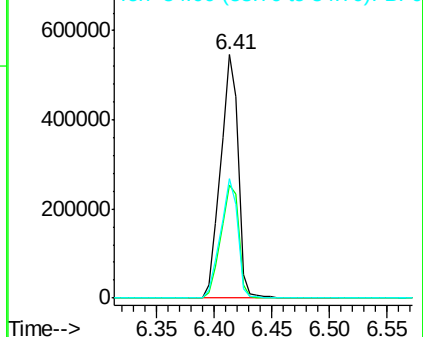
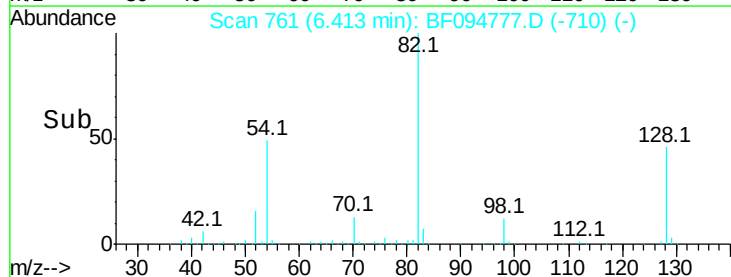


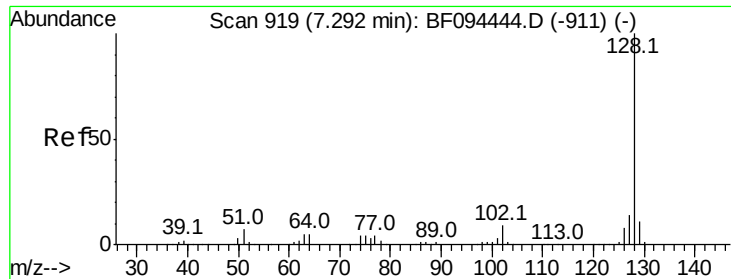
#23
Nitrobenzene-d5
Concen: 94.05 ng
RT: 6.41 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF094777.D
Acq: 2 May 2017 4:35

Tgt Ion: 82	Resp:	581393
Ion Ratio	Lower	Upper
82 100		
128 46.5	34.0	51.0
54 48.9	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

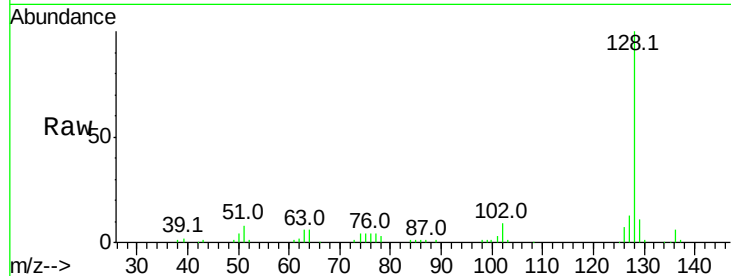




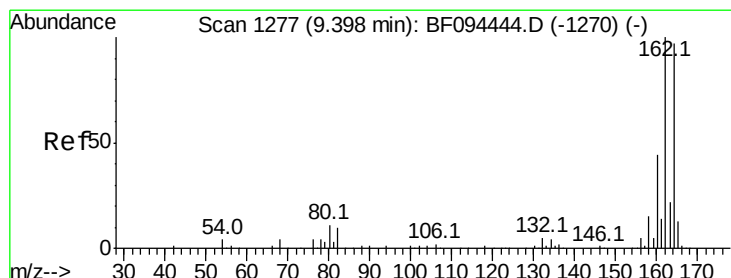
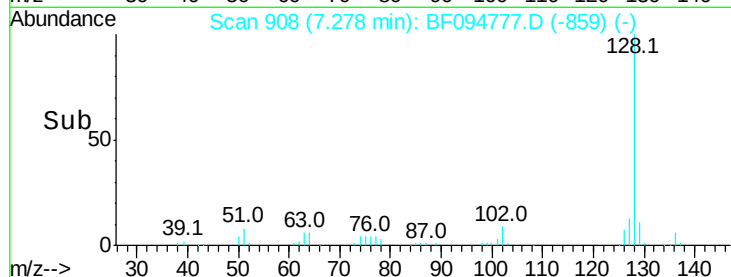
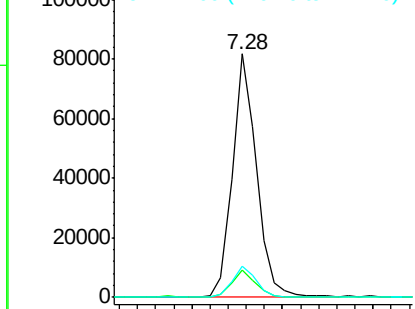
#31
Naphthalene
Concen: 4.12 ng
RT: 7.28 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF094777.D
Acq: 2 May 2017 4:35

Instrument :
BNA_F
ClientSampleId :

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

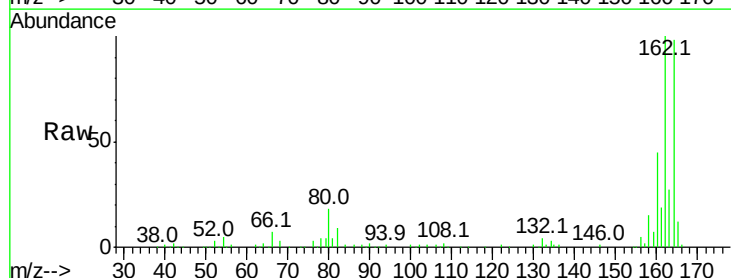


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

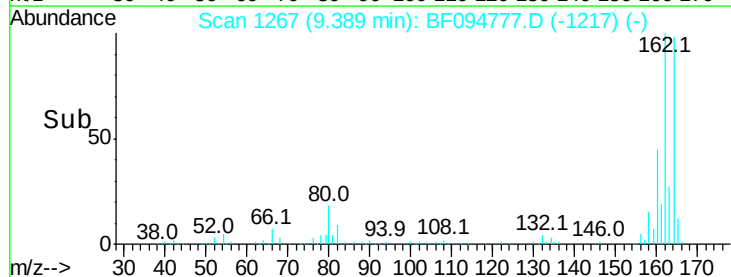
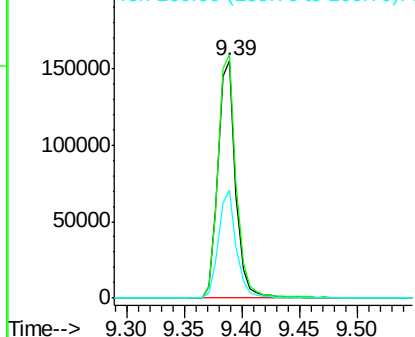


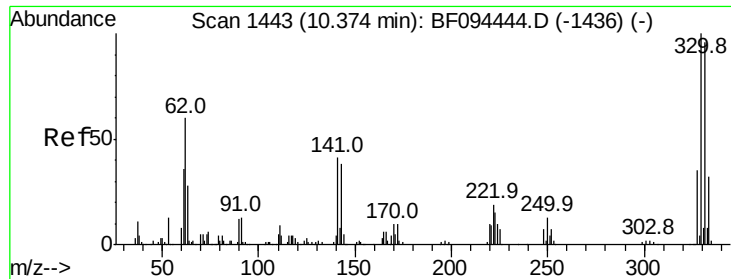
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094777.D
Acq: 2 May 2017 4:35

Tgt 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

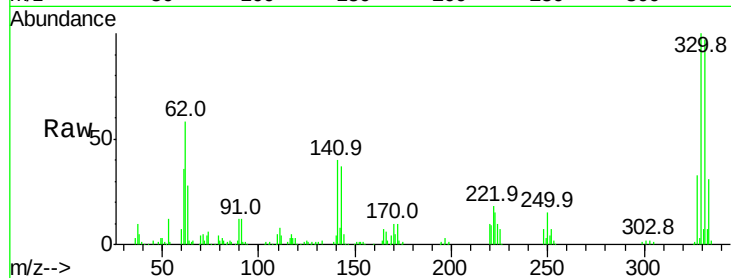




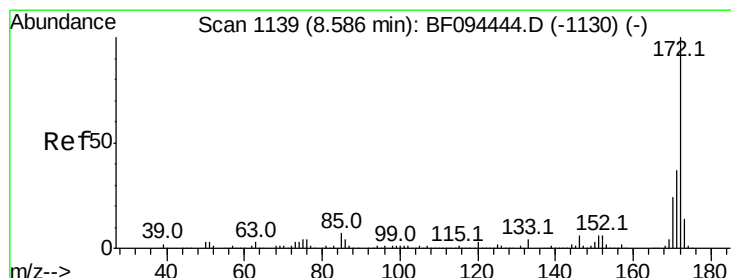
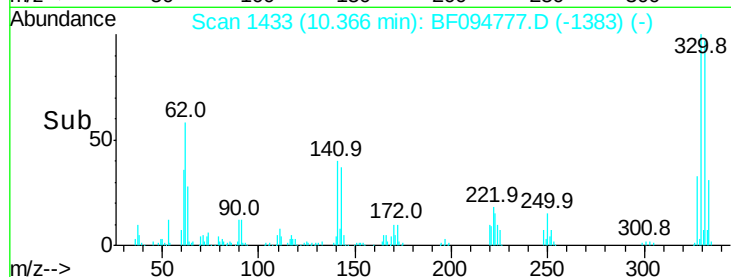
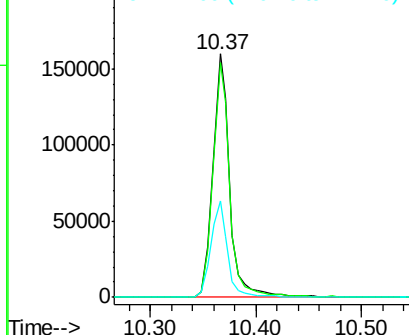
#41
 2,4,6-Tribromophenol
 Concen: 140.36 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094777.D
 Acq: 2 May 2017 4:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 181982
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 39.3 31.4 47.2

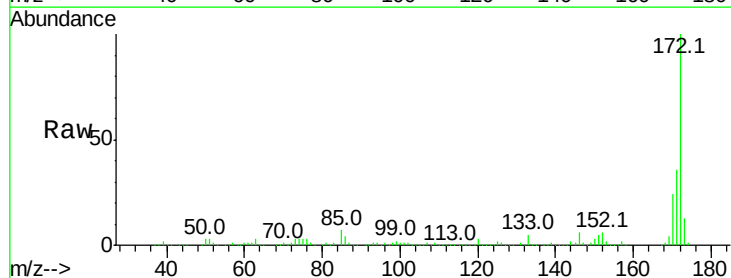


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

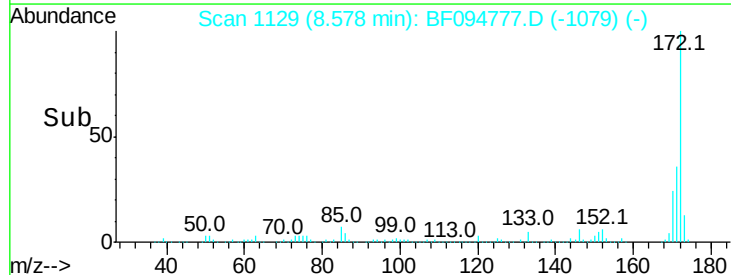
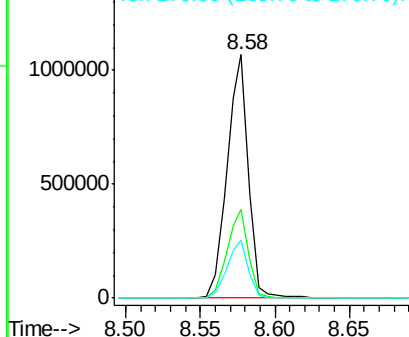


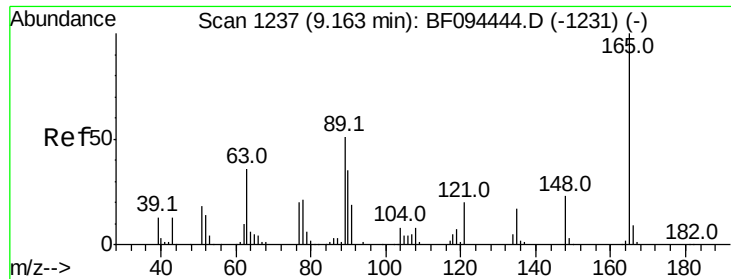
#44
 2-Fluorobiphenyl
 Concen: 95.72 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094777.D
 Acq: 2 May 2017 4:35

Tgt 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

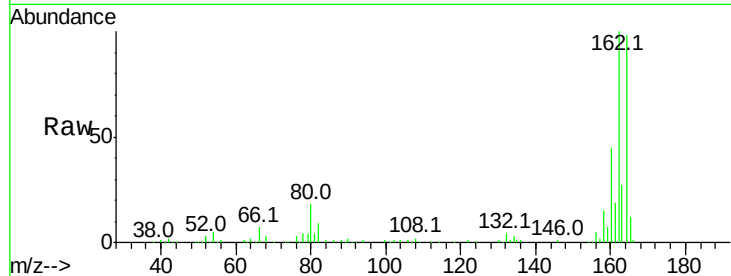




#50
 2,6-Dinitrotoluene
 Concen: 7.58 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. 0.23 min
 Lab File: BF094777.D
 Acq: 2 May 2017 4:35

Instrument :
 BNA_F
 ClientSampleId :

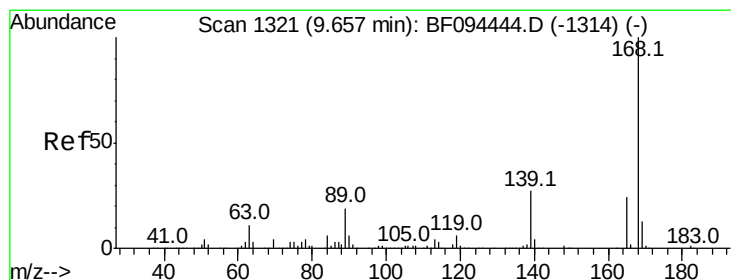
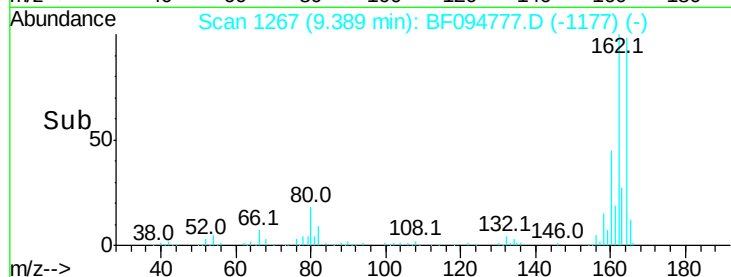
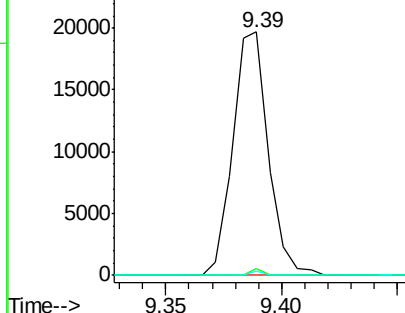
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.6	34.3	51.5#
89	1.7	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

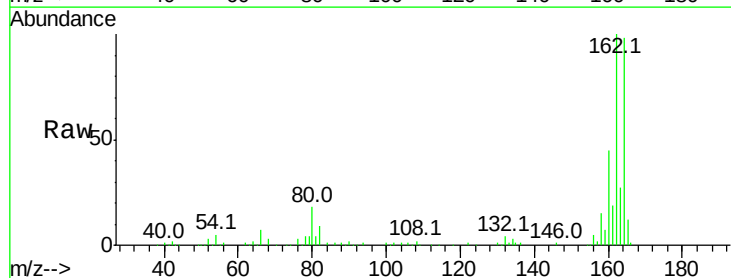
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.18 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094777.D
 Acq: 2 May 2017 4:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

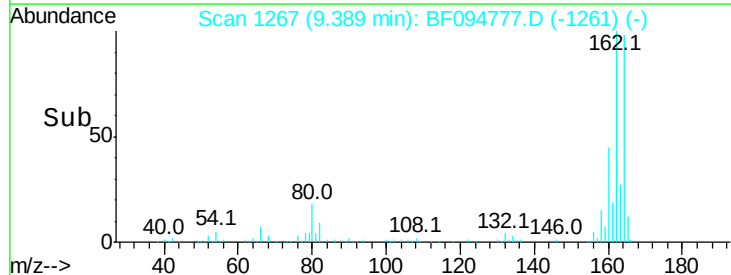
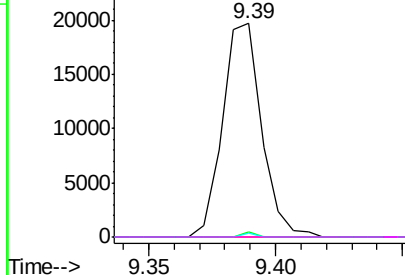


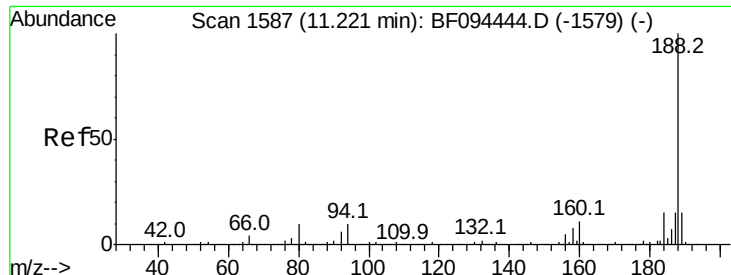
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): 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

Instrument :

BNA_F

ClientSampleId :

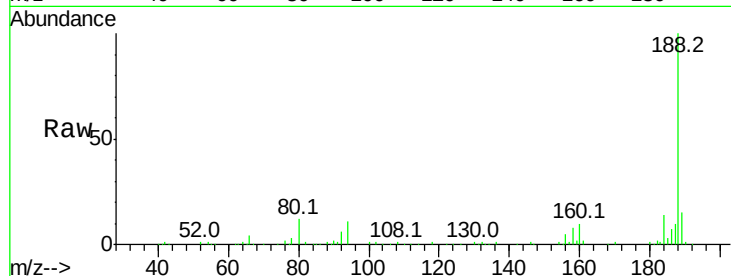
Tot Ion:188 Resp: 257605

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

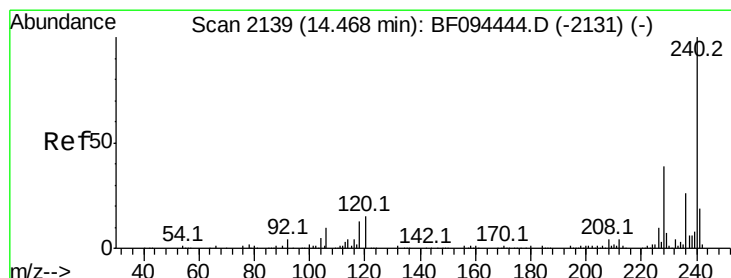
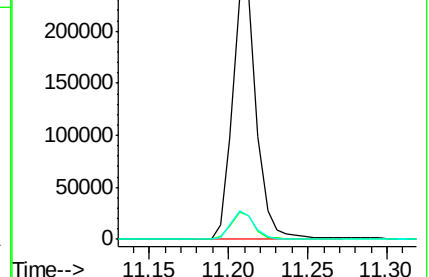
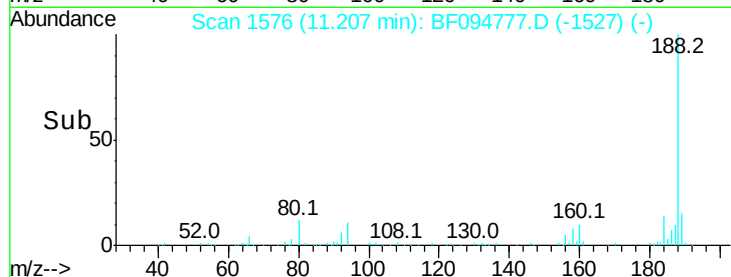
80 11.7 10.2 15.2



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

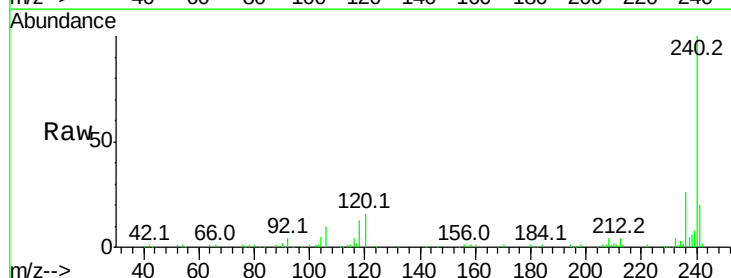
Tgt Ion:240 Resp: 177504

Ion Ratio Lower Upper

240 100

120 16.0 5.8 8.8#

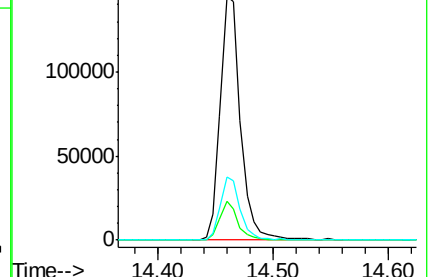
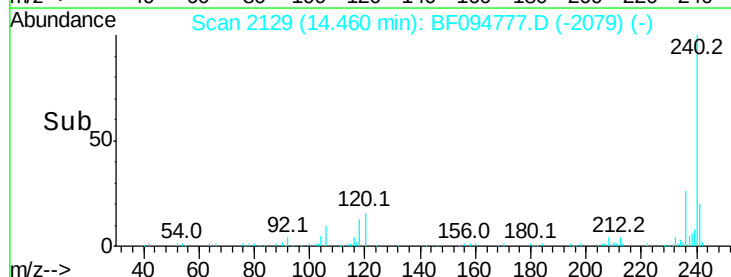
236 25.8 20.5 30.7

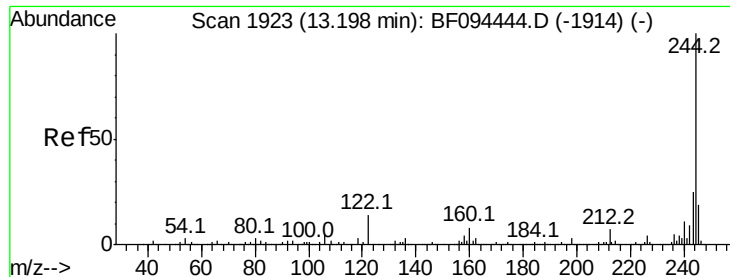


Abundance Ion 240.00 (239.70 to 240.70): E

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

Instrument :

BNA_F

ClientSampleId :

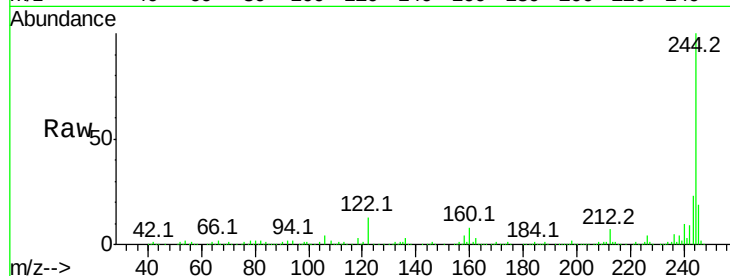
Tot Ion:244 Resp: 748898

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

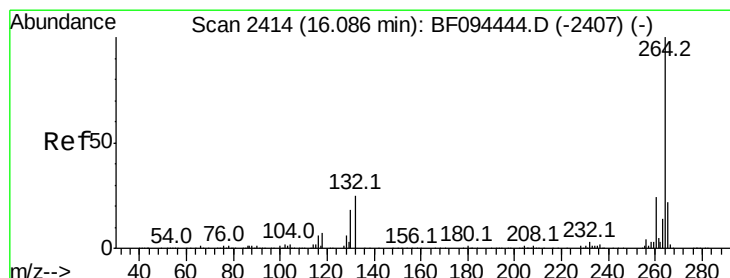
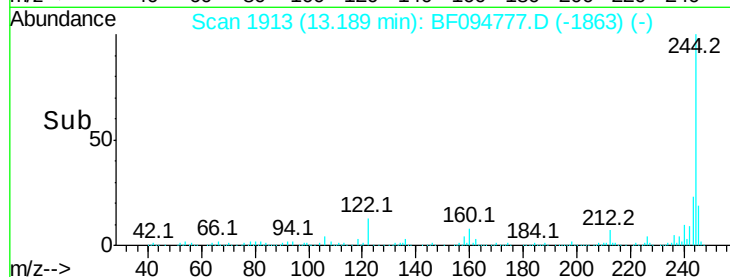
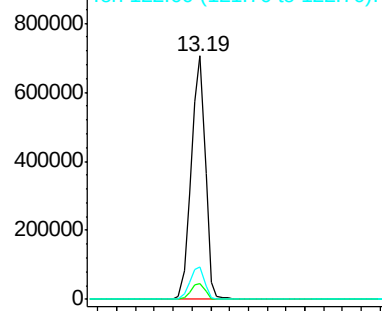
122 13.3 10.3 15.5



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

Perylene-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

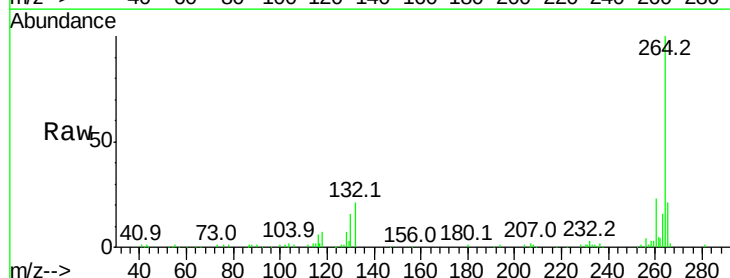
Tgt Ion:264 Resp: 149114

Ion Ratio Lower Upper

264 100

260 22.7 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

