

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 :

Quant Time: May 02 01:38:54 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

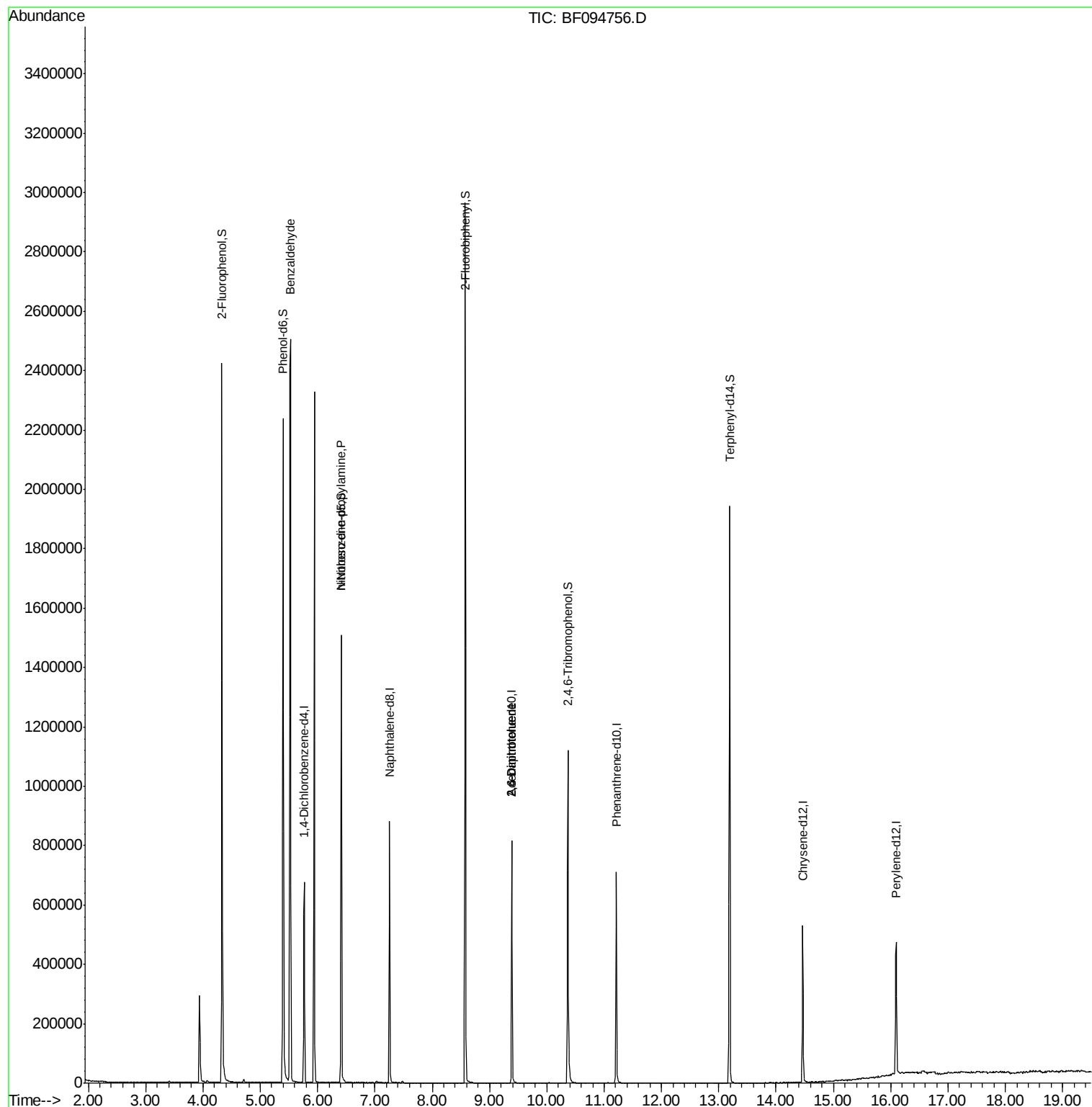
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	109455	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	431206	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	185269	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	289852	20.00	ng	0.00
75) Chrysene-d12	14.47	240	213978	20.00	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						
9) Benzaldehyde	5.52	77	15443	2.61	ng	82
19) n-Nitroso-di-n-propylamine	6.41	70	73184	14.20	ng	# 77
50) 2,6-Dinitrotoluene	9.39	165	22669	7.31	ng	# 33
56) 2,4-Dinitrotoluene	9.39	165	22668	5.96	ng	# 33

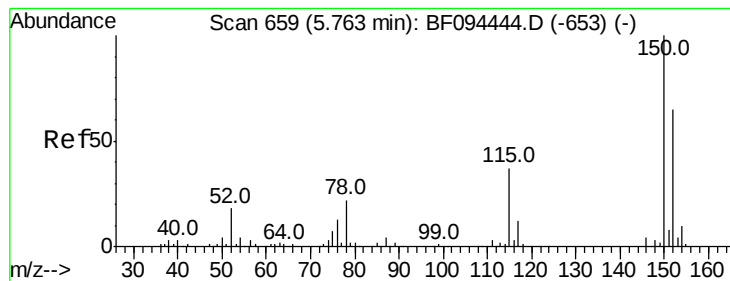
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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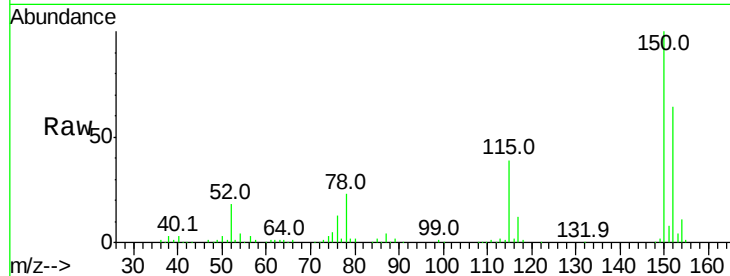


#1

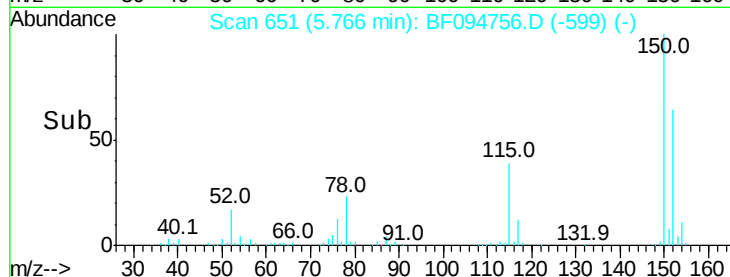
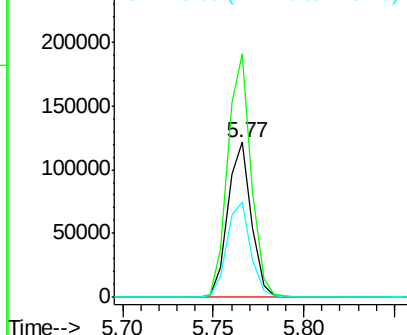
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094756.D
Acq: 1 May 2017 18:38

Instrument :
BNA_F
ClientSampleId :

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



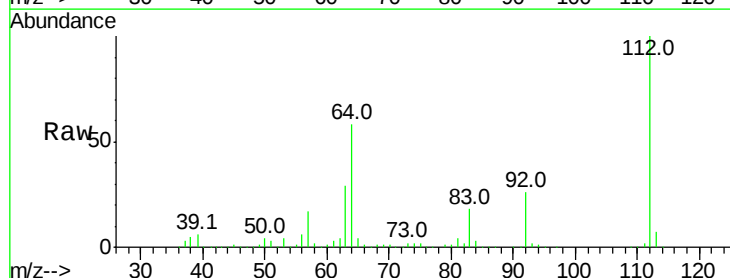
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



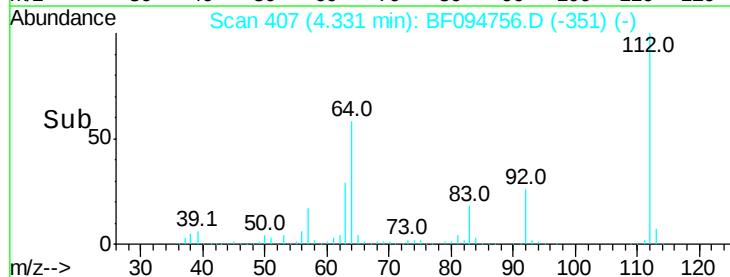
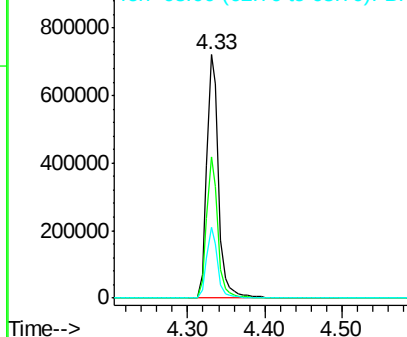
#5

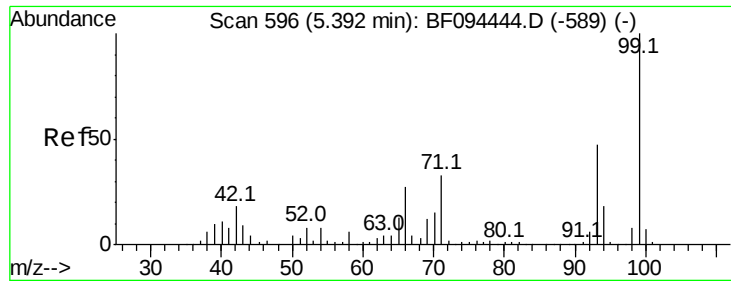
2-Fluorophenol
Concen: 115.98 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094756.D
Acq: 1 May 2017 18:38

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

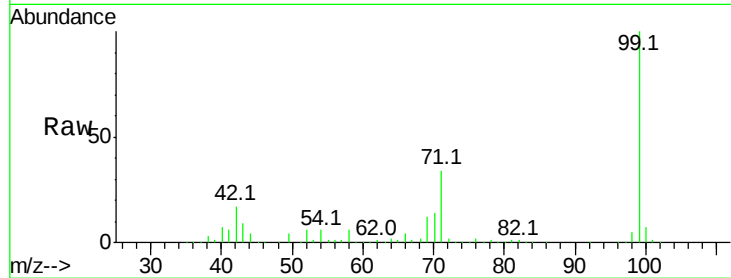
Lab File: BF094756.D

Acq: 1 May 2017 18:38

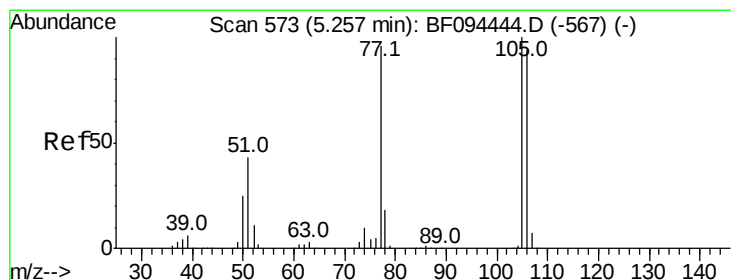
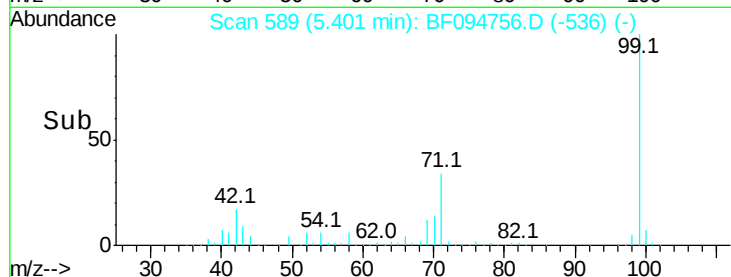
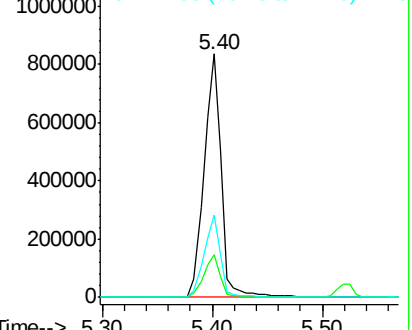
Instrument :
BNA_F
ClientSampleId :

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



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: 2.61 ng

RT: 5.52 min Scan# 610

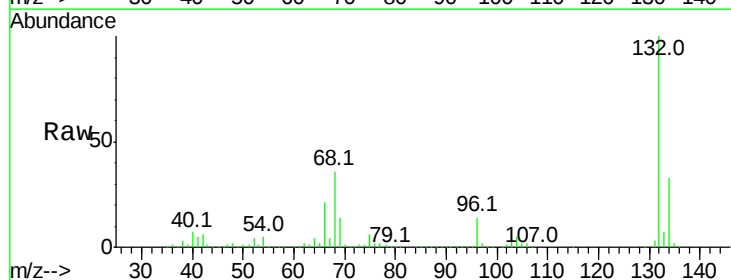
Delta R.T. 0.27 min

Lab File: BF094756.D

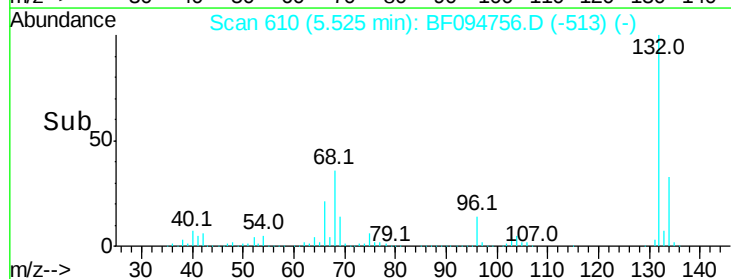
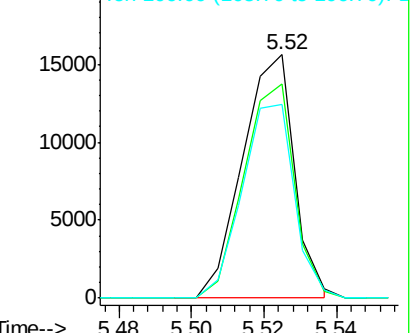
Acq: 1 May 2017 18:38

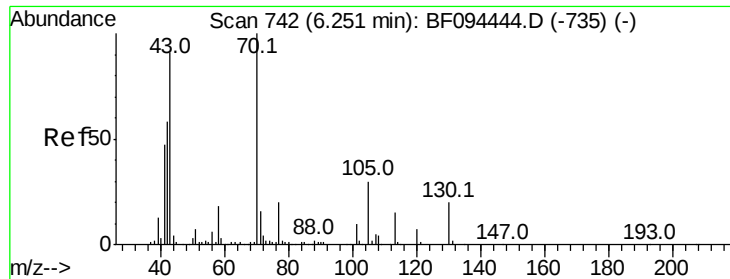
Tgt Ion: 77 Resp: 15443

Ion	Ratio	Lower	Upper
77	100		
105	87.8	83.8	123.8
106	79.6	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

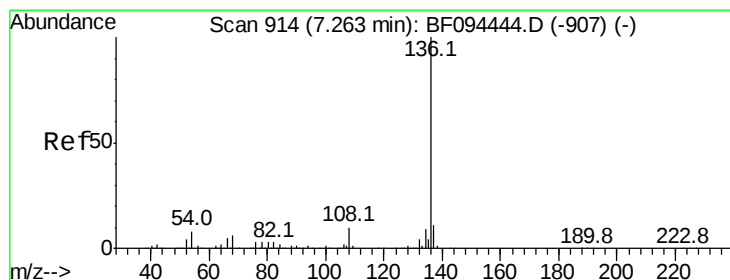
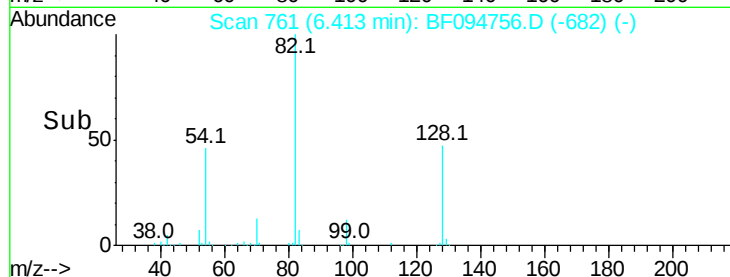
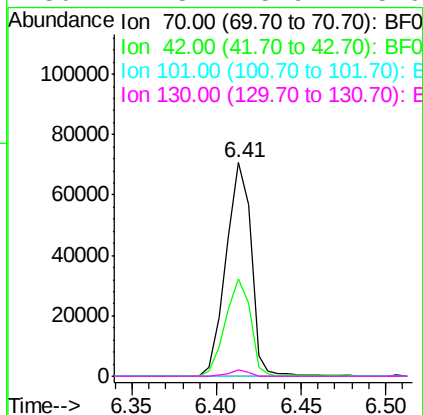
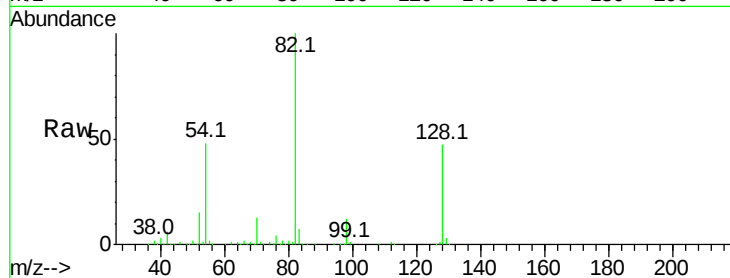




#19
n-Nitroso-di-n-propylamine
Concen: 14.20 ng
RT: 6.41 min Scan# 761
Delta R.T. 0.16 min
Lab File: BF094756.D
Acq: 1 May 2017 18:38

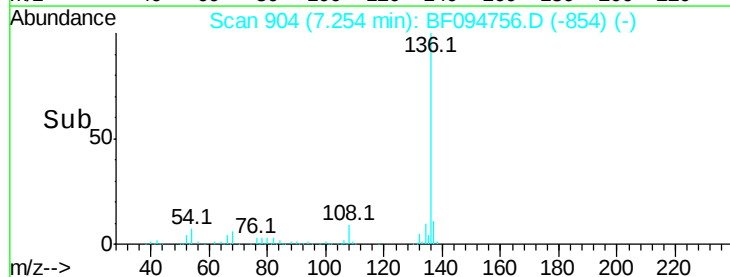
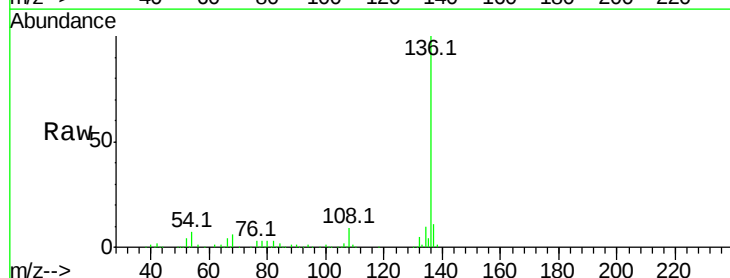
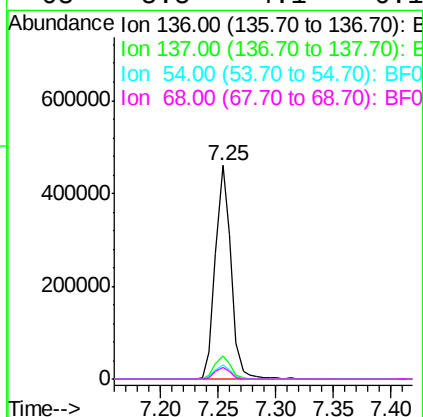
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 73184
Ion Ratio Lower Upper
70 100
42 45.4 47.2 70.8#
101 0.0 7.2 10.8#
130 2.8 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: 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

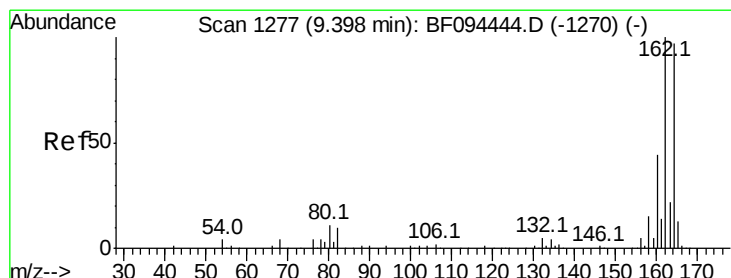
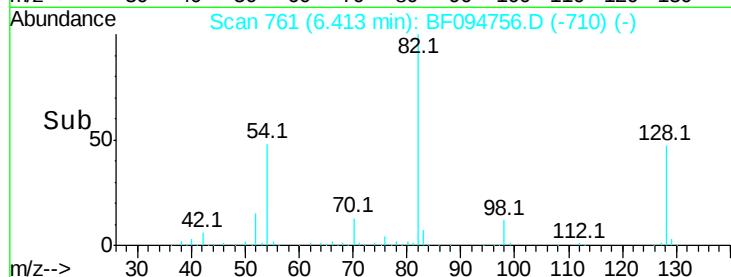
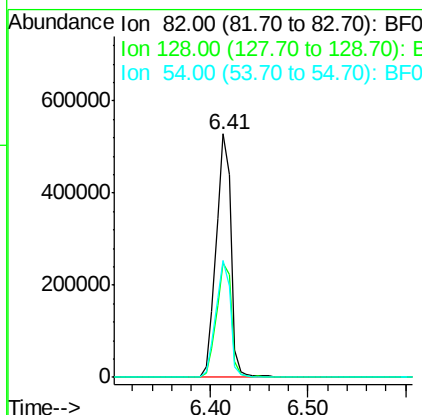
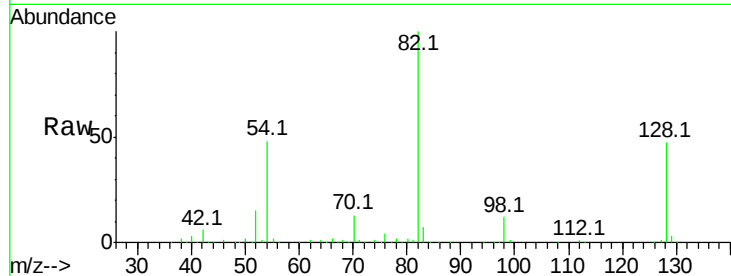




#23
 Nitrobenzene-d5
 Concen: 79.99 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094756.D
 Acq: 1 May 2017 18:38

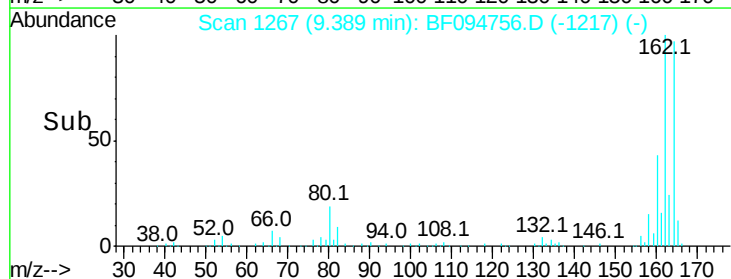
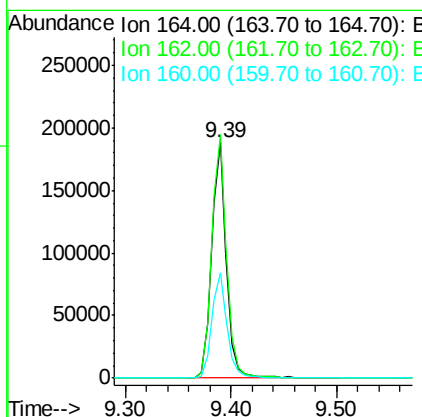
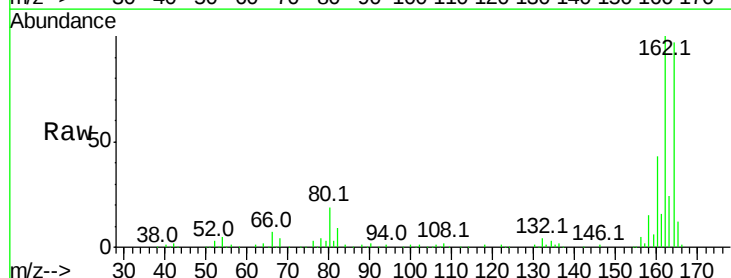
Instrument :
 BNA_F
 ClientSampleId :

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

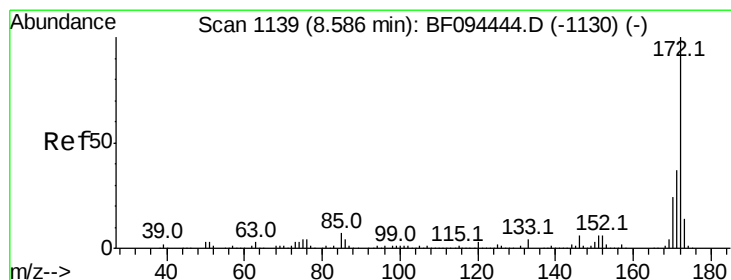
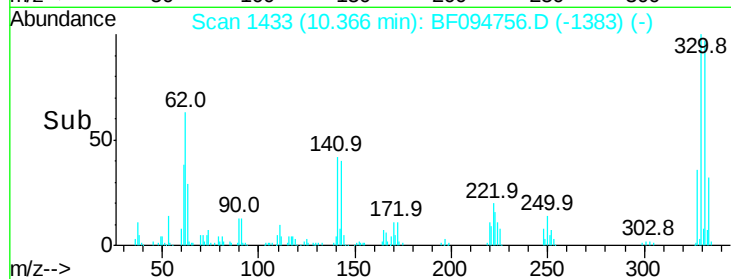
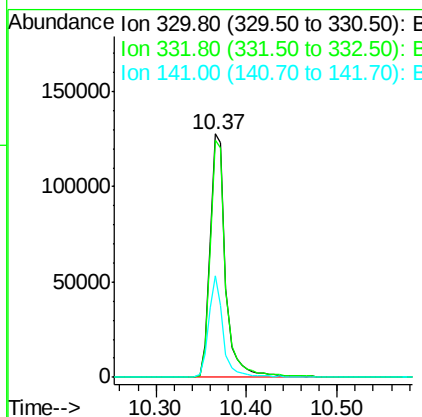
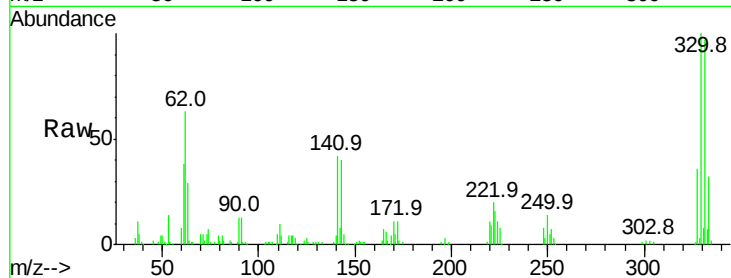




#41
 2,4,6-Tribromophenol
 Concen: 107.10 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094756.D
 Acq: 1 May 2017 18:38

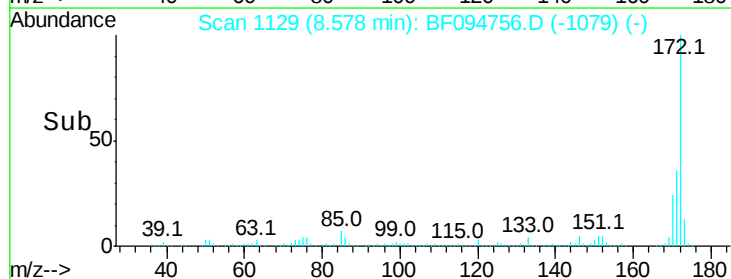
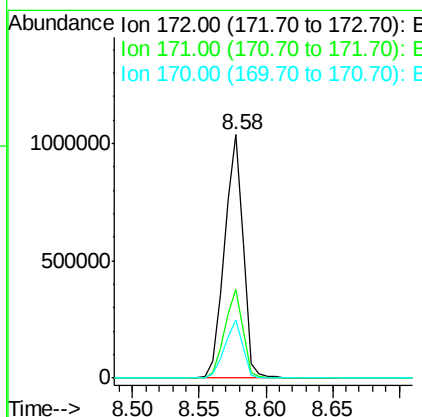
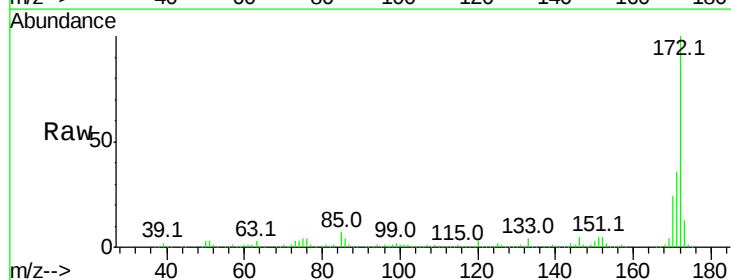
Instrument :
 BNA_F
 ClientSampleId :

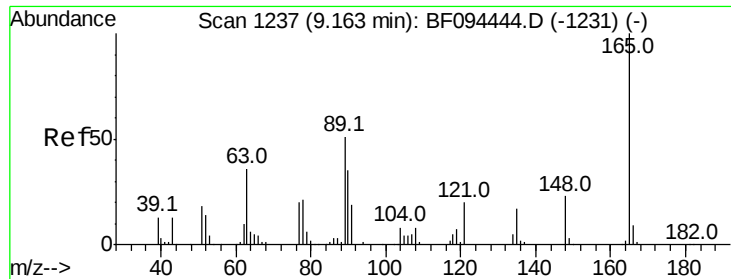
Tot Ion:330 Resp: 155200
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 115.0
 141 38.9 31.4 47.2



#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:172 Resp: 1028968
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.8 19.8 29.8

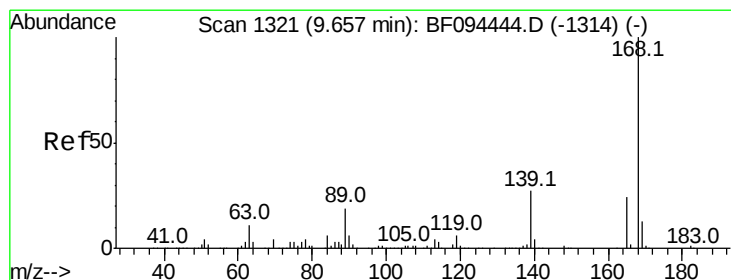
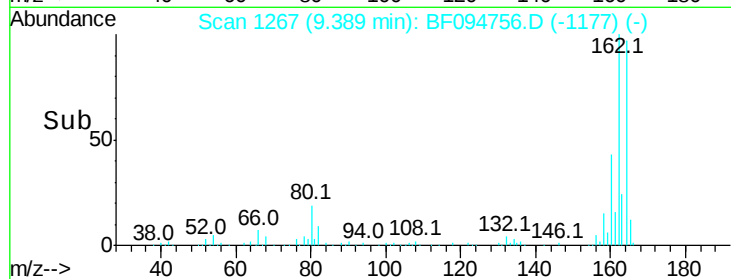
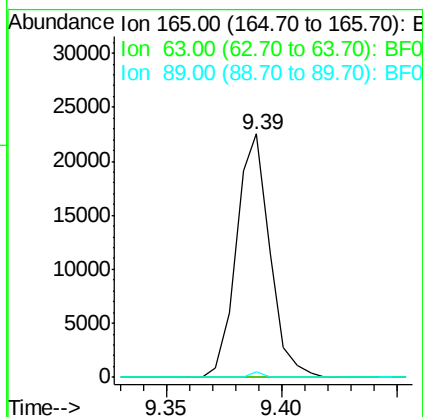
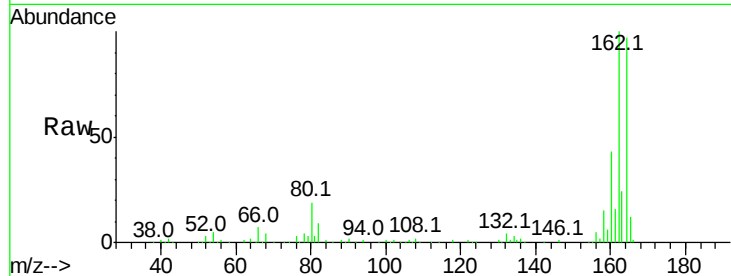




#50
 2,6-Dinitrotoluene
 Concen: 7.31 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. 0.23 min
 Lab File: BF094756.D
 Acq: 1 May 2017 18:38

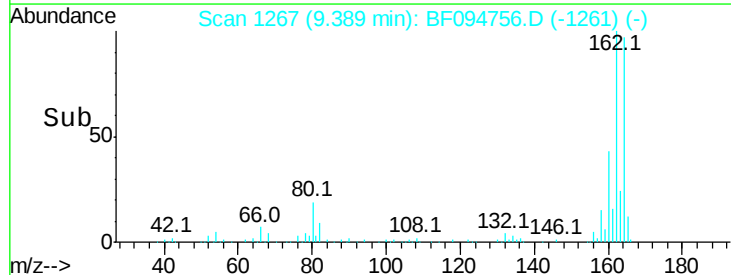
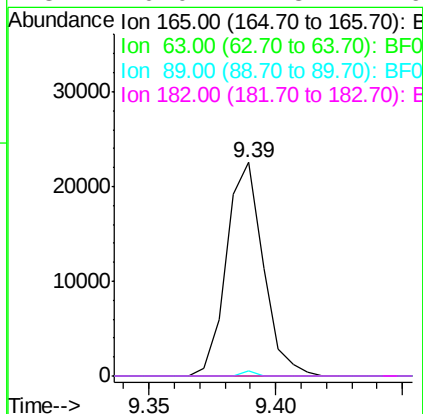
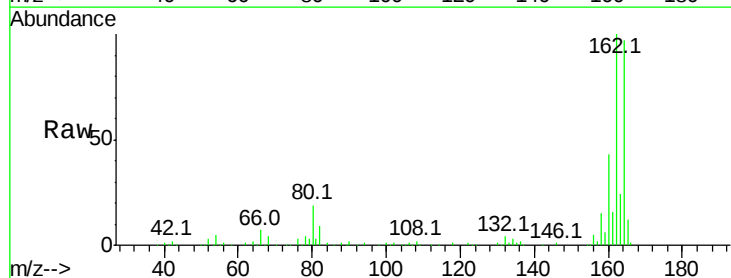
Instrument :
 BNA_F
 ClientSampleId :

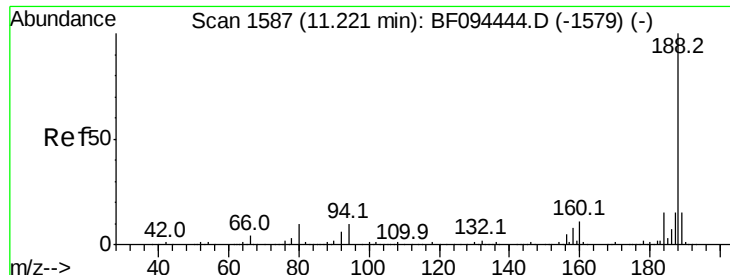
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	2.2	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 5.96 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094756.D
 Acq: 1 May 2017 18:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	2.2	46.4	69.6#
182	0.0	1.8	2.6#

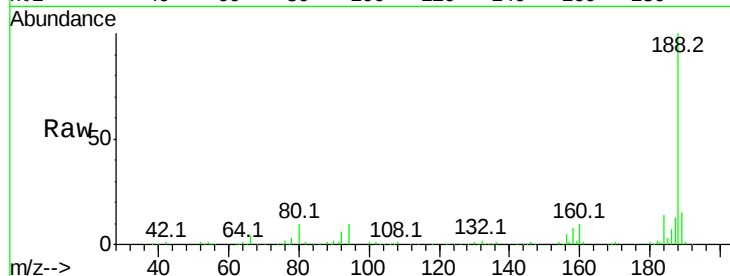




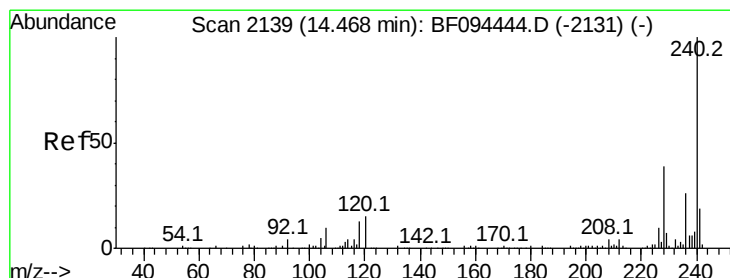
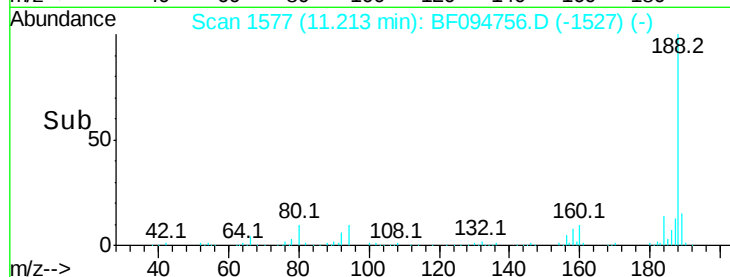
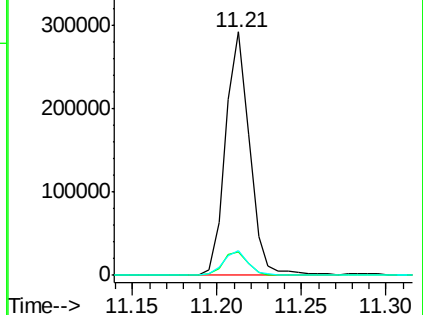
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094756.D
Acq: 1 May 2017 18:38

Instrument :
BNA_F
ClientSampleId :

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

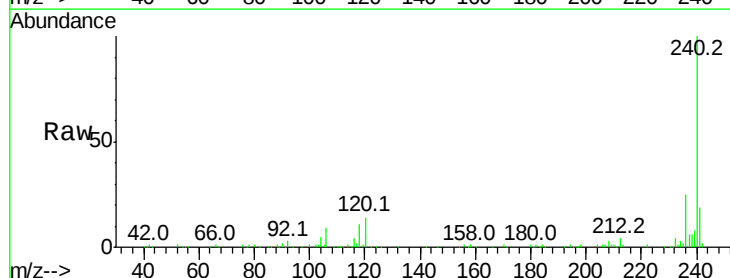


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

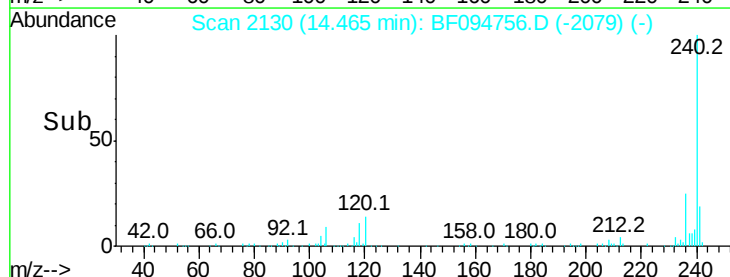
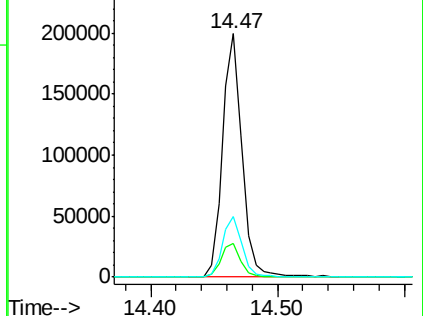


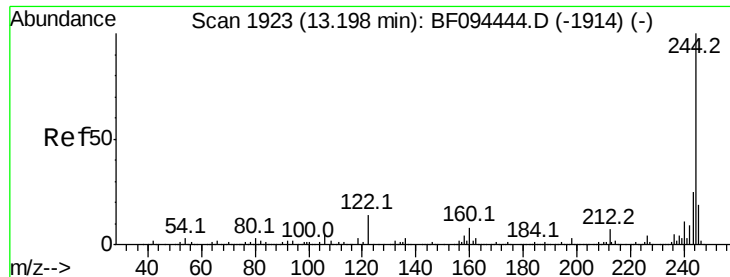
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094756.D
Acq: 1 May 2017 18:38

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 :

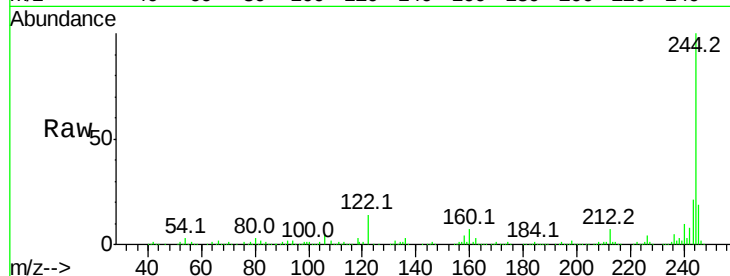
Tot Ion:244 Resp: 718605

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

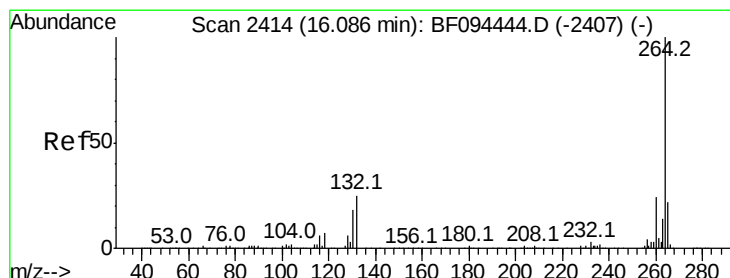
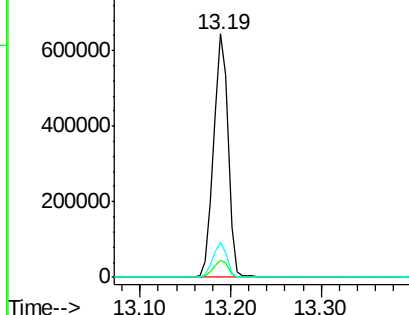
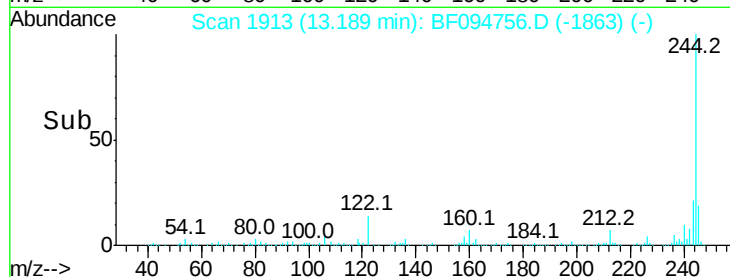
122 14.4 10.3 15.5



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

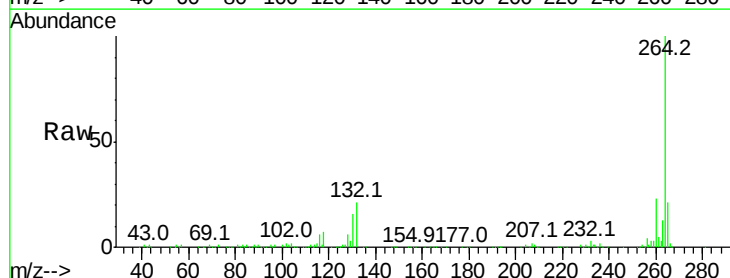
Tgt Ion:264 Resp: 188534

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

