

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094776.D
 Acq On : 2 May 2017 4:08
 Operator : SJ/MA
 Sample : I2930-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 04:55:25 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

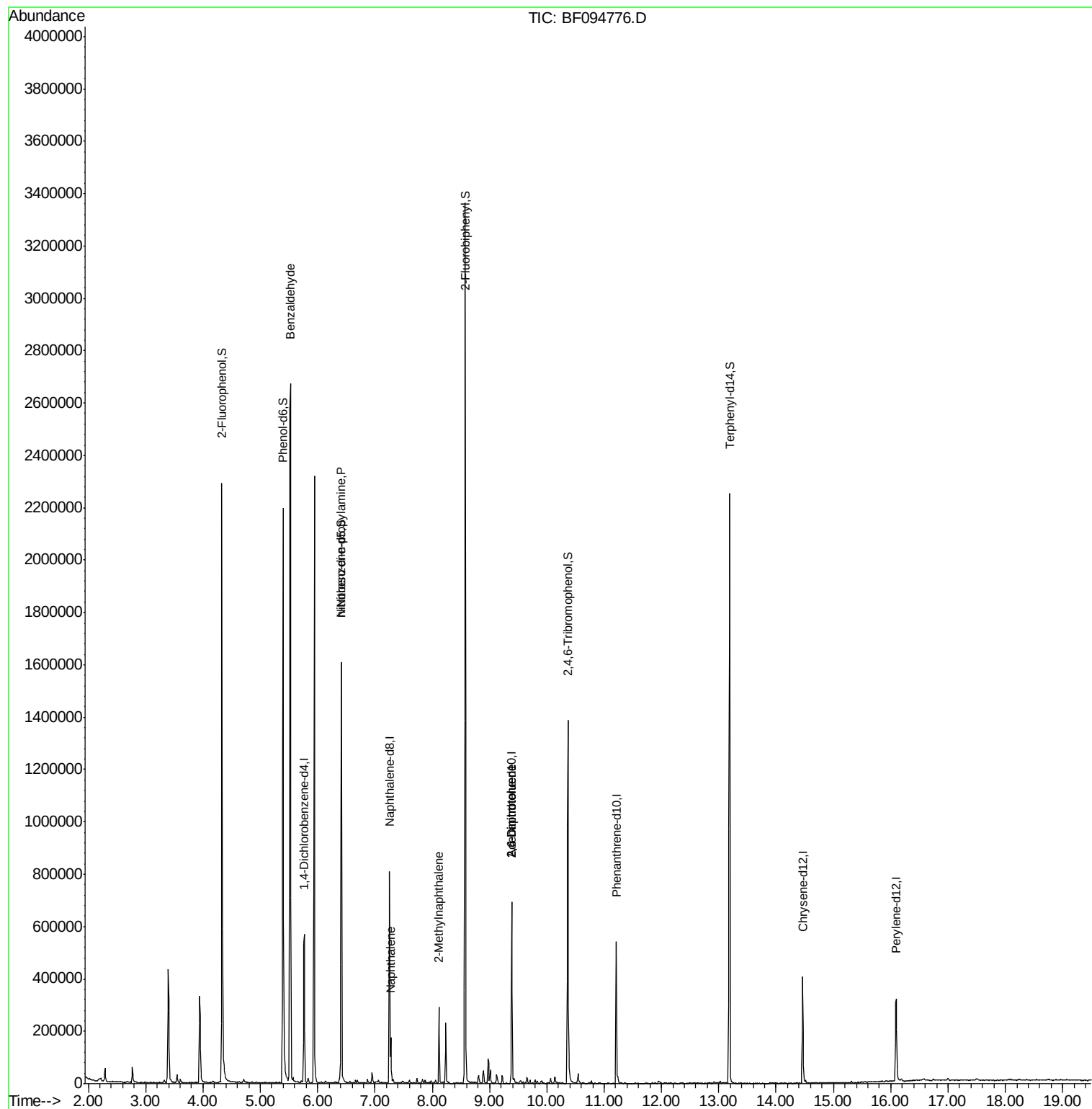
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	94761	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	379781	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	165410	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	245979	20.00	ng	0.00
75) Chrysene-d12	14.46	240	185605	20.00	ng	0.00
86) Perylene-d12	16.09	264	149172	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	781321	136.79	ng	0.03
7) Phenol-d6	5.40	99	902819	134.08	ng	0.00
23) Nitrobenzene-d5	6.41	82	631095	102.61	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	190495	147.24	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1191717	106.00	ng	0.00
78) Terphenyl-d14	13.19	244	806859	116.20	ng	0.00
Target Compounds						
9) Benzaldehyde	5.52	77	16202	3.16	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	6.41	70	83566	18.73	ng	# 76
31) Naphthalene	7.28	128	79183	4.34	ng	98
37) 2-Methylnaphthalene	8.12	142	81435	6.52	ng	98
50) 2,6-Dinitrotoluene	9.38	165	21458	7.76	ng	# 34
56) 2,4-Dinitrotoluene	9.38	165	21457	6.32	ng	# 34

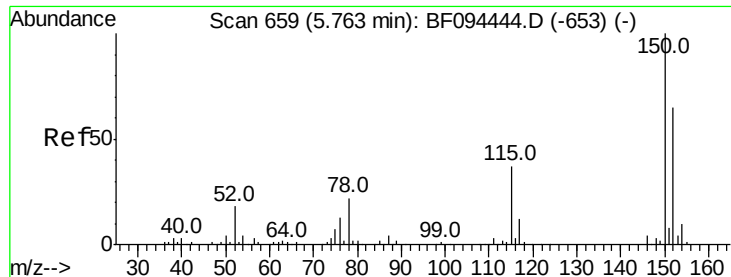
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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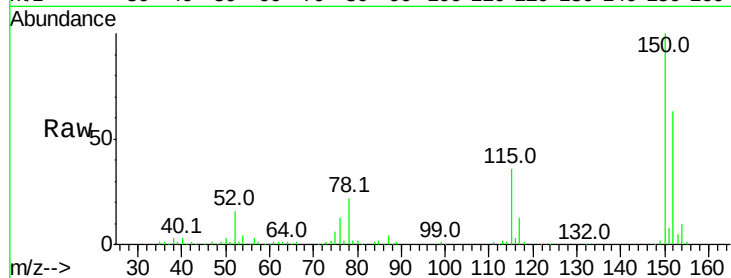


#1

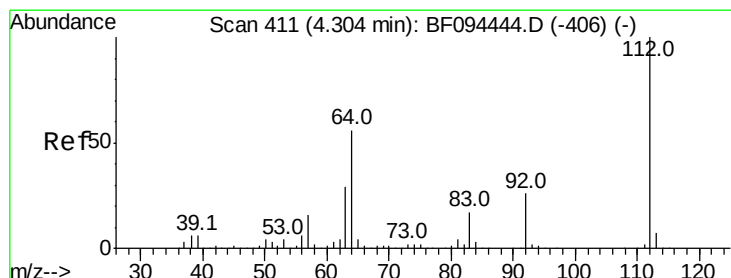
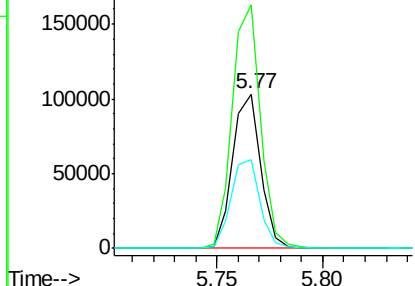
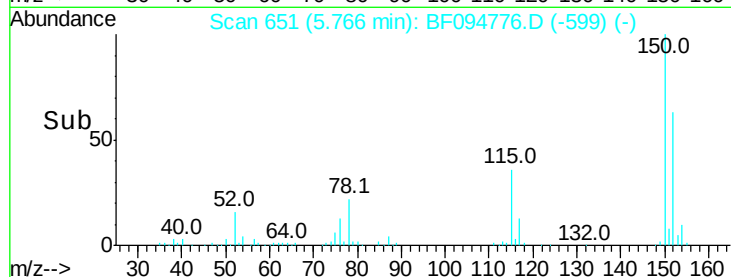
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094776.D
Acq: 2 May 2017 4:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 94761
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.2
115 57.2 52.2 78.2



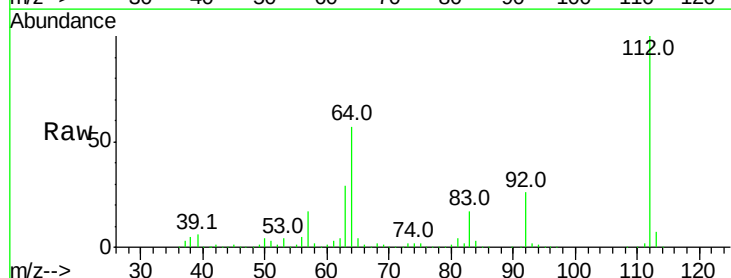
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



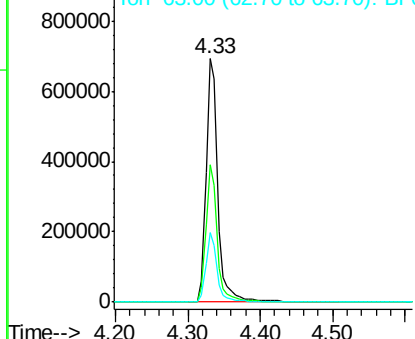
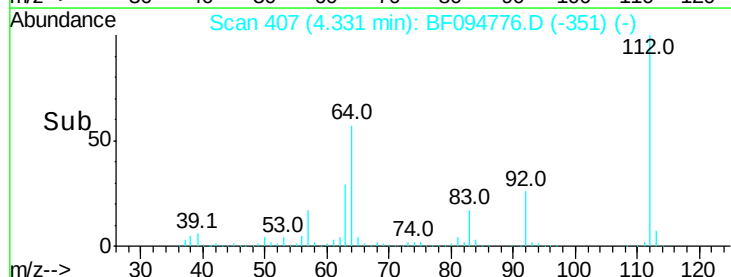
#5

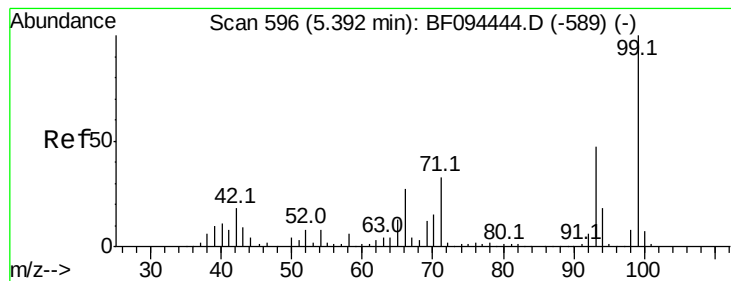
2-Fluorophenol
Concen: 136.79 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094776.D
Acq: 2 May 2017 4:08

Tgt Ion:112 Resp: 781321
Ion Ratio Lower Upper
112 100
64 56.6 46.0 69.0
63 28.8 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: 134.08 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094776.D

Acq: 2 May 2017 4:08

Instrument :

BNA_F

ClientSampled :

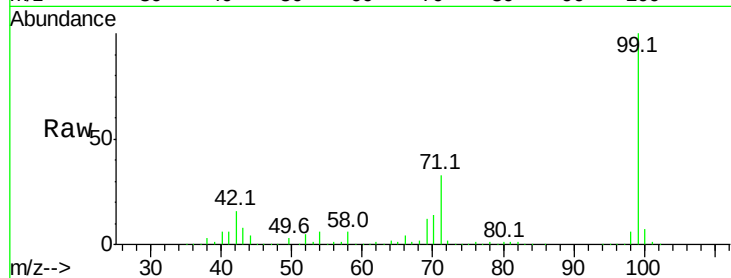
Tot Ion: 99 Resp: 902819

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	32.5	24.5	36.7

99 100

42 16.0 13.5 20.3

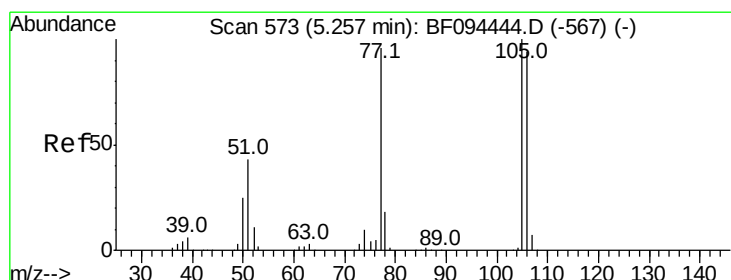
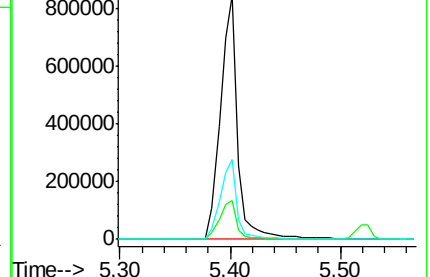
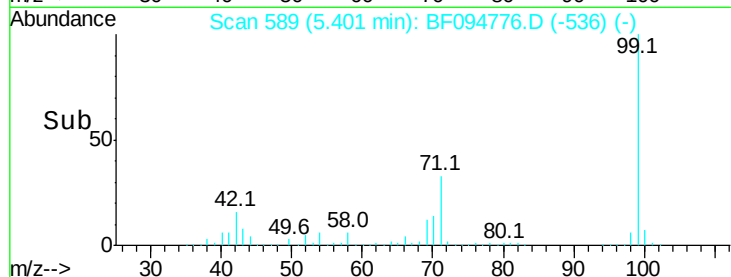
71 32.5 24.5 36.7



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: 3.16 ng

RT: 5.52 min Scan# 610

Delta R.T. 0.27 min

Lab File: BF094776.D

Acq: 2 May 2017 4:08

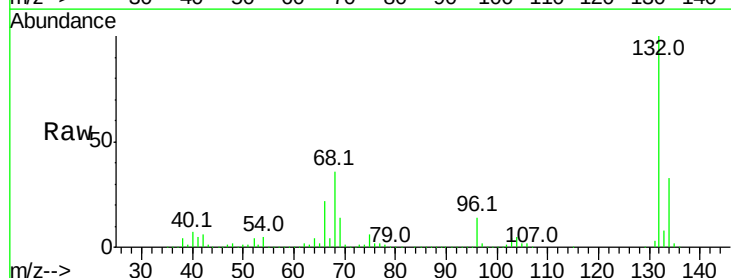
Tgt Ion: 77 Resp: 16202

Ion	Ratio	Lower	Upper
77	100		
105	93.0	83.8	123.8
106	88.9	79.1	119.1

77 100

105 93.0 83.8 123.8

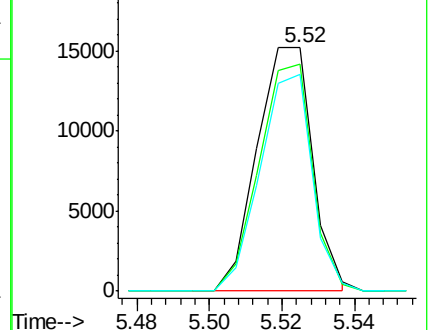
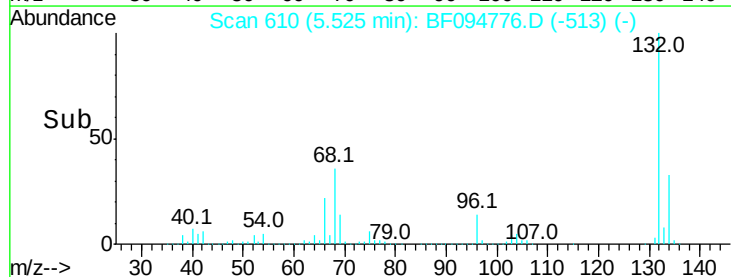
106 88.9 79.1 119.1

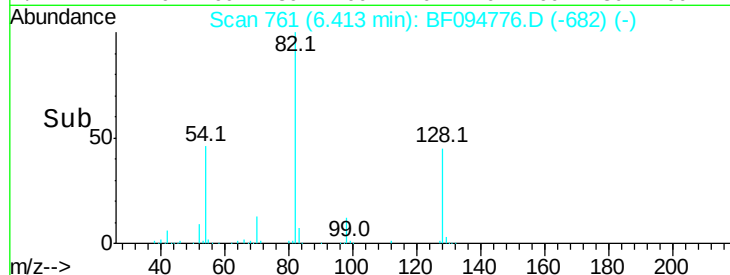
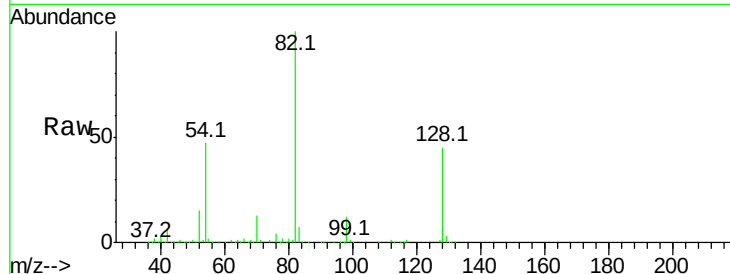
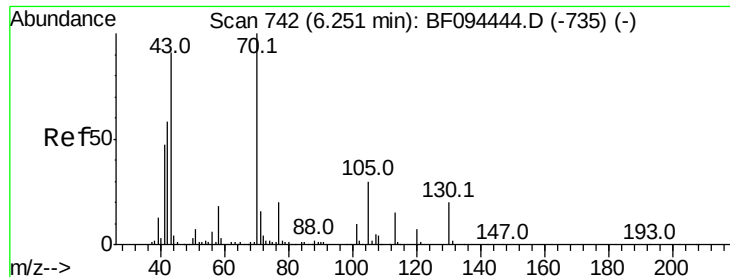


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

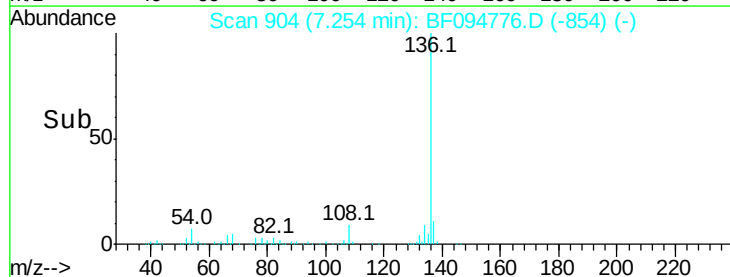
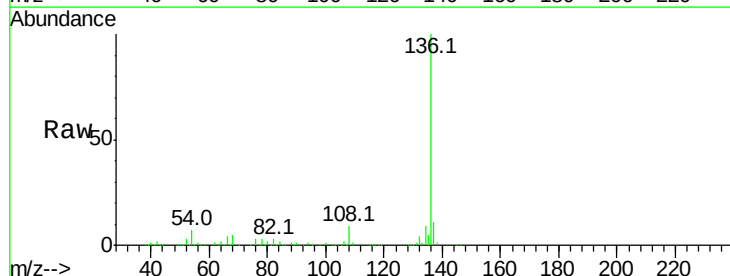
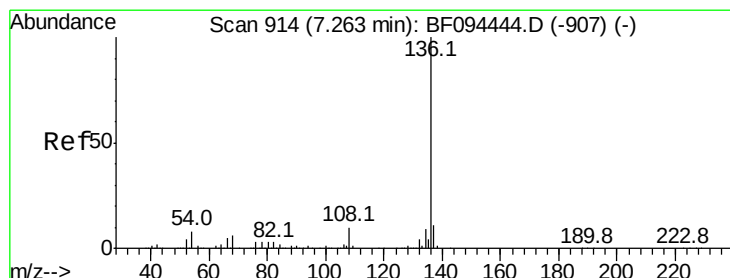
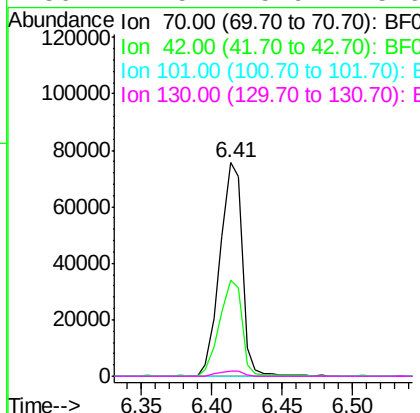




#19
n-Nitroso-di-n-propylamine
Concen: 18.73 ng
RT: 6.41 min Scan# 761
Delta R.T. 0.16 min
Lab File: BF094776.D
Acq: 2 May 2017 4:08

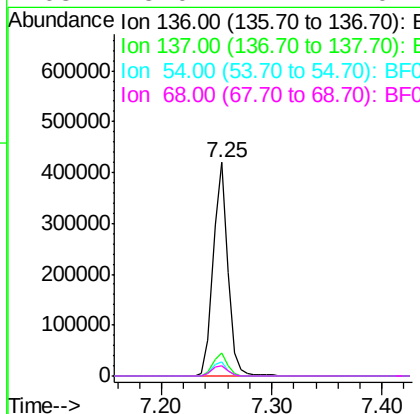
Instrument :
BNA_F
ClientSampled :

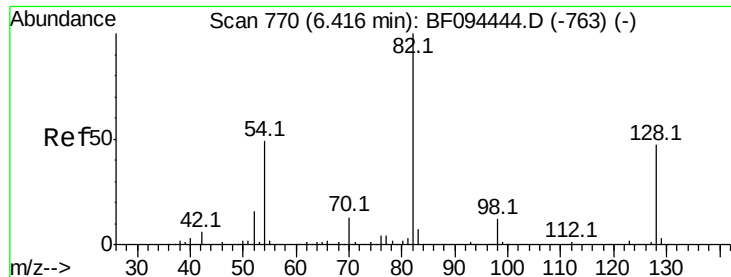
Tot Ion: 70 Resp: 83566
Ion Ratio Lower Upper
70 100
42 44.8 47.2 70.8#
101 0.0 7.2 10.8#
130 2.5 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF094776.D
Acq: 2 May 2017 4:08

Tgt Ion:136 Resp: 379781
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 6.6 4.9 7.3
68 5.0 4.1 6.1

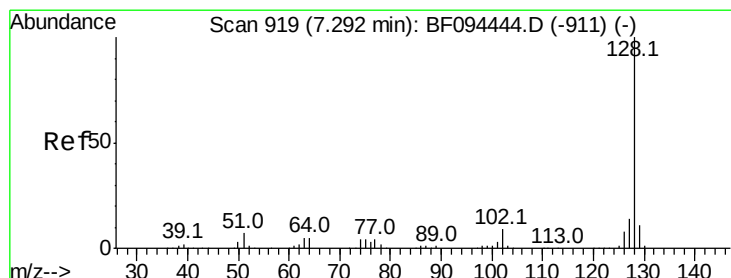
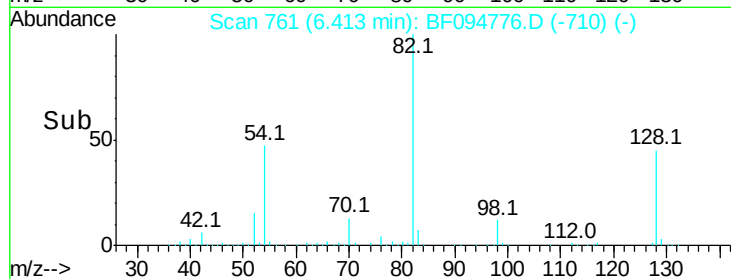
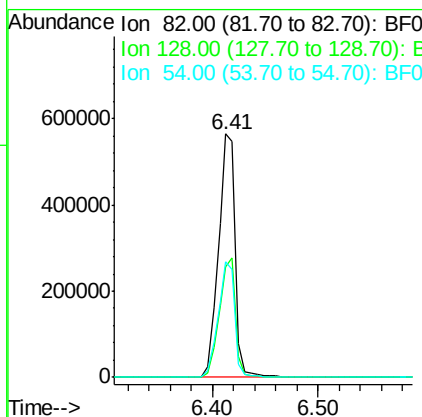
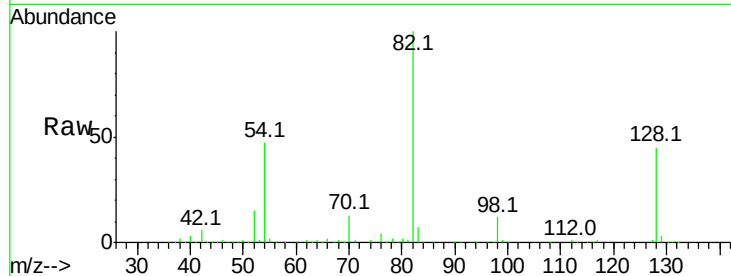




#23
 Nitrobenzene-d5
 Concen: 102.61 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094776.D
 Acq: 2 May 2017 4:08

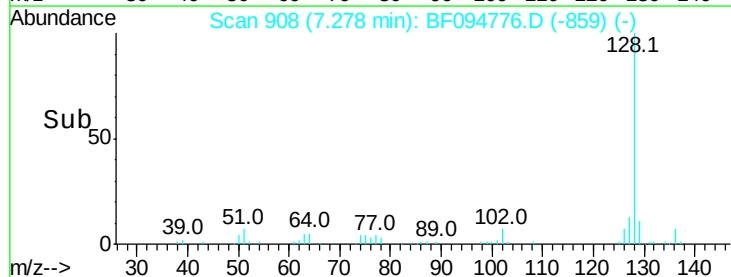
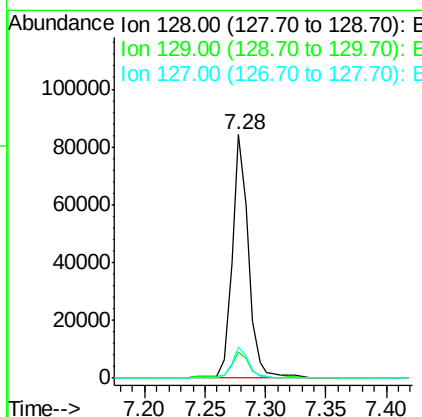
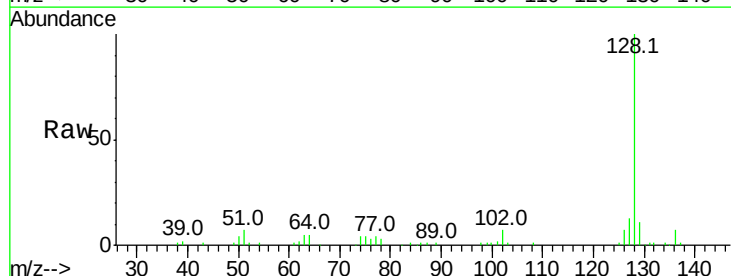
Instrument :
 BNA_F
 ClientSampleId :

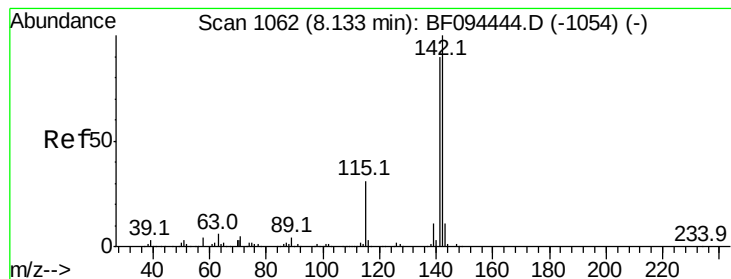
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.0	51.0
54	47.4	42.2	63.2



#31
 Naphthalene
 Concen: 4.34 ng
 RT: 7.28 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF094776.D
 Acq: 2 May 2017 4:08

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.6
127	12.8	10.8	16.2

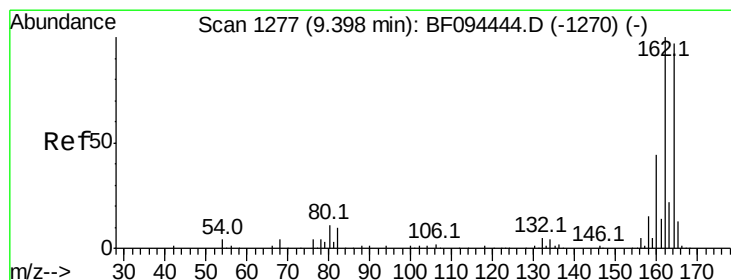
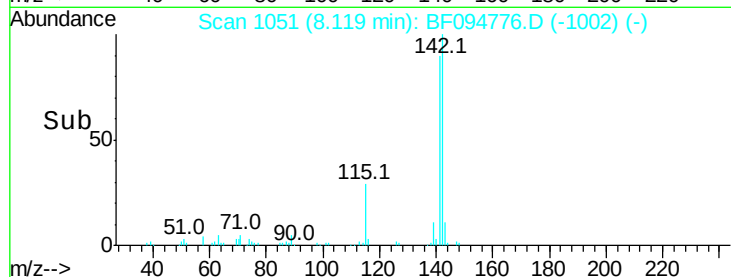
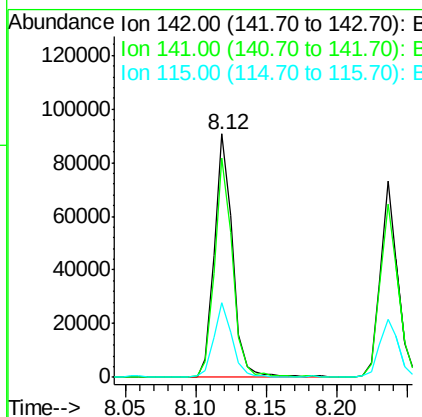
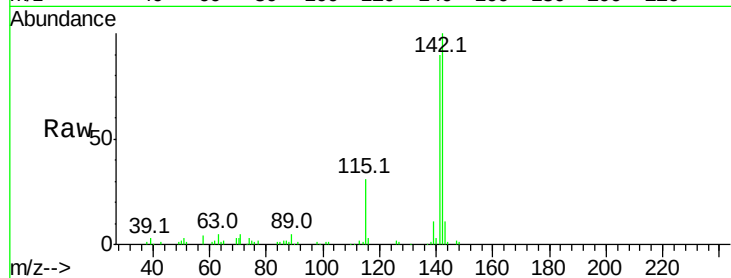




#37
 2-Methylnaphthalene
 Concen: 6.52 ng
 RT: 8.12 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF094776.D
 Acq: 2 May 2017 4:08

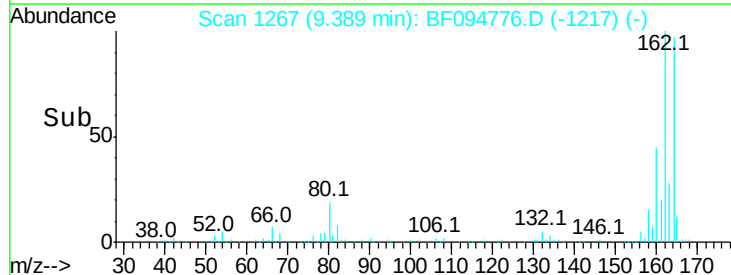
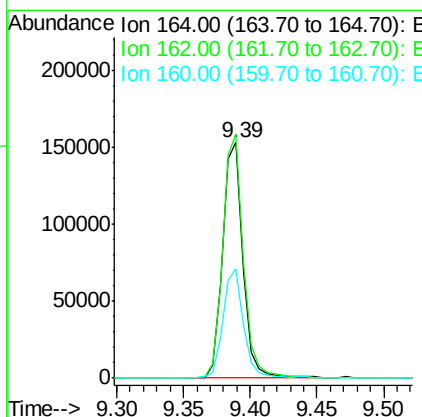
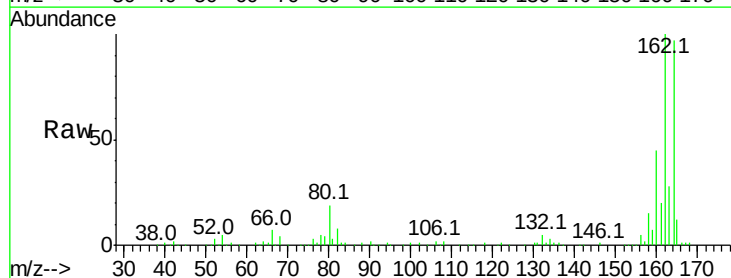
Instrument :
 BNA_F
 ClientSampleId :

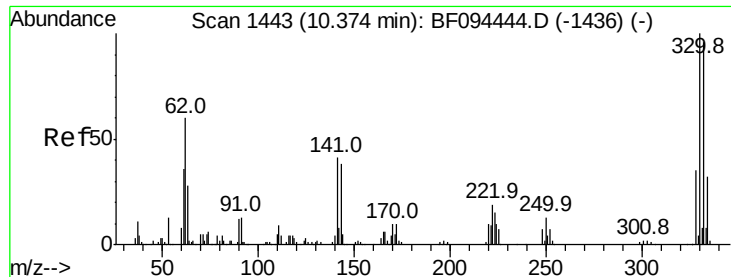
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.3	106.9
115	30.5	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094776.D
 Acq: 2 May 2017 4:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	46.1	36.2	54.2

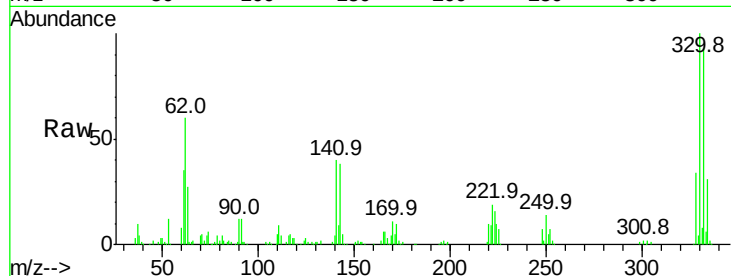




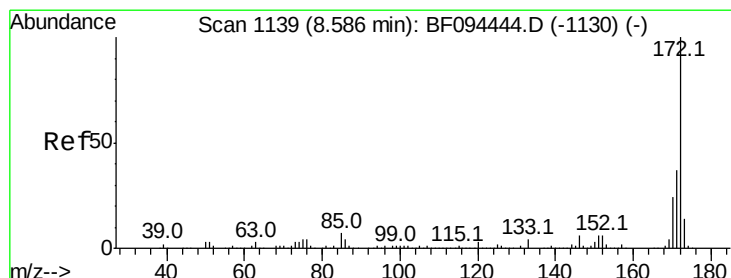
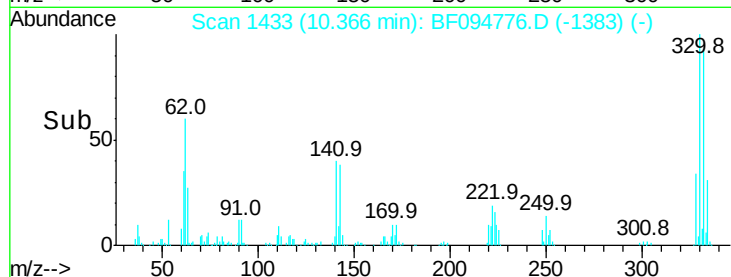
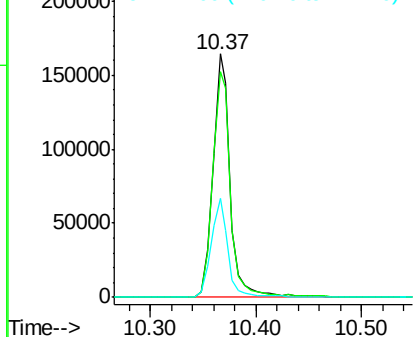
#41
 2,4,6-Tribromophenol
 Concen: 147.24 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094776.D
 Acq: 2 May 2017 4:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	39.7	31.4	47.2

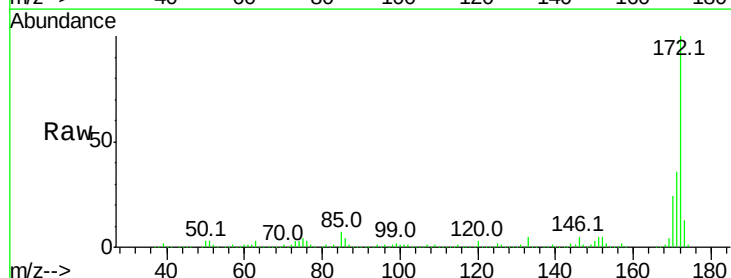


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

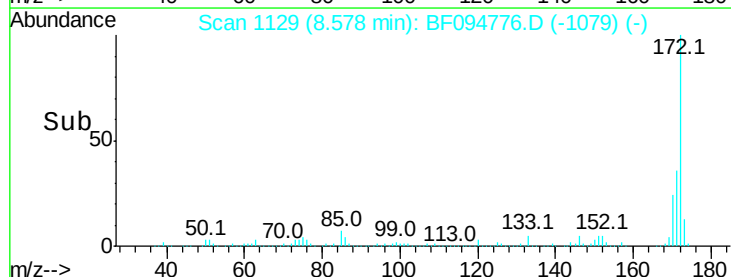
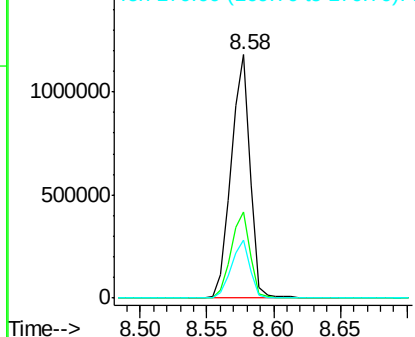


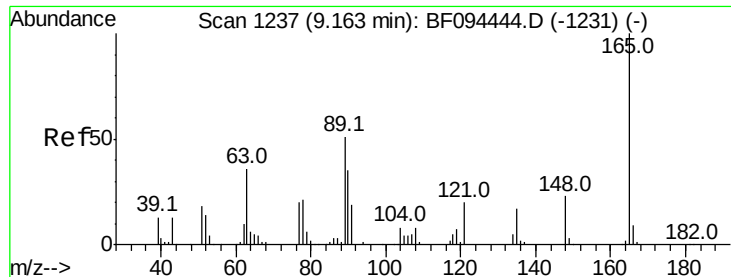
#44
 2-Fluorobiphenyl
 Concen: 106.00 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094776.D
 Acq: 2 May 2017 4:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	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

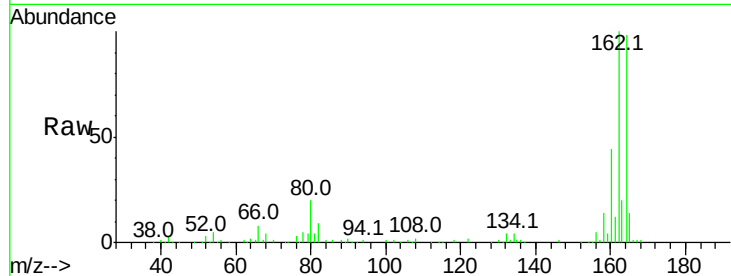




#50
 2,6-Dinitrotoluene
 Concen: 7.76 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. 0.22 min
 Lab File: BF094776.D
 Acq: 2 May 2017 4:08

Instrument :
 BNA_F
 ClientSampleId :

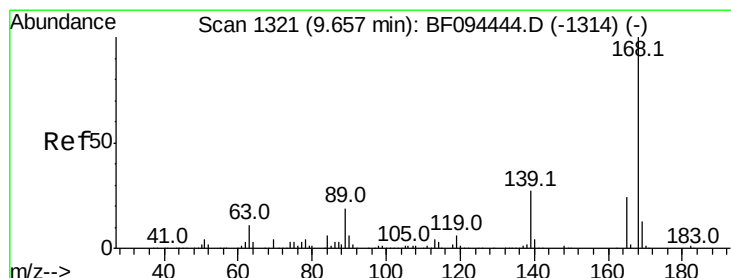
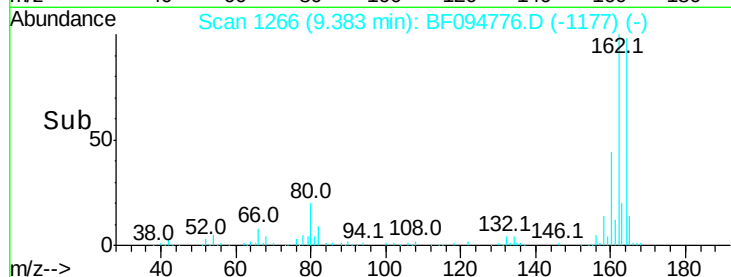
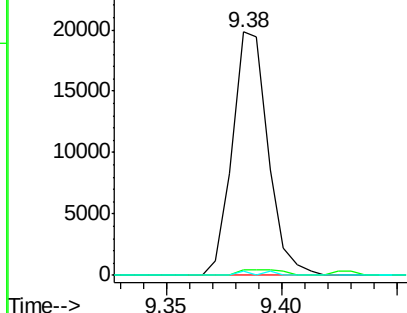
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	34.3	51.5#
89	1.6	37.1	55.7#



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: 6.32 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. -0.27 min
 Lab File: BF094776.D
 Acq: 2 May 2017 4:08

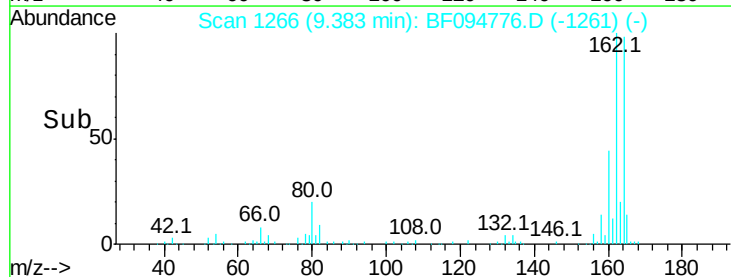
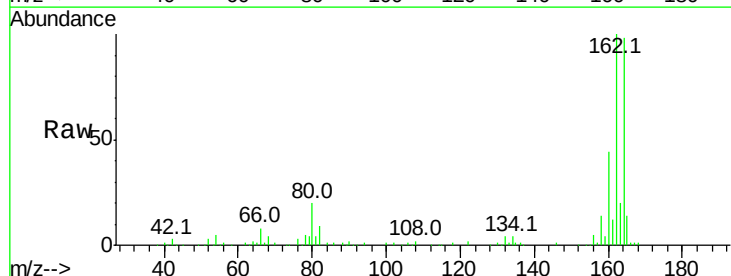
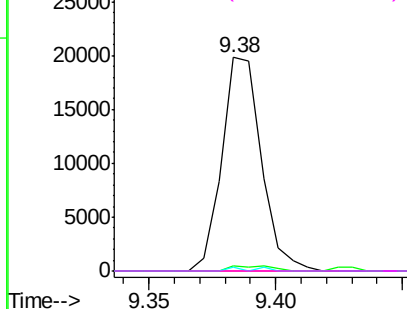
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#

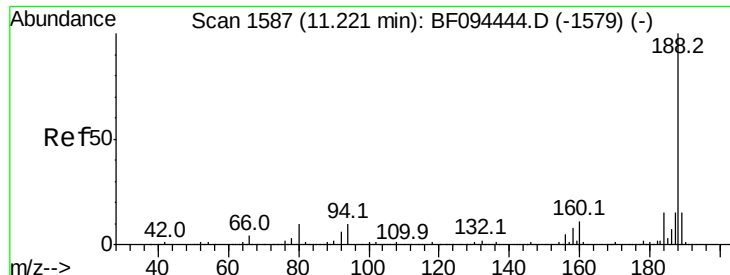
Abundance Ion 165.00 (164.70 to 165.70): E

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# 1577

Delta R.T. -0.01 min

Lab File: BF094776.D

Acq: 2 May 2017 4:08

Instrument :

BNA_F

ClientSampleId :

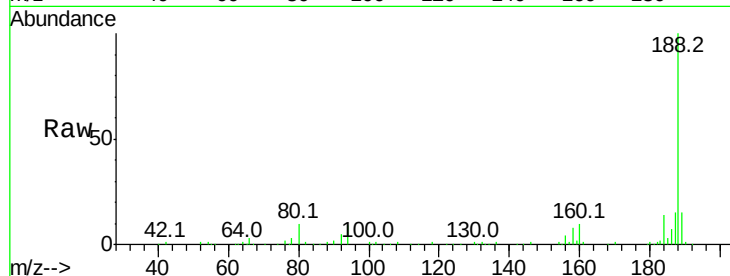
Tot Ion:188 Resp: 245979

Ion Ratio Lower Upper

188 100

94 9.4 9.4 14.2#

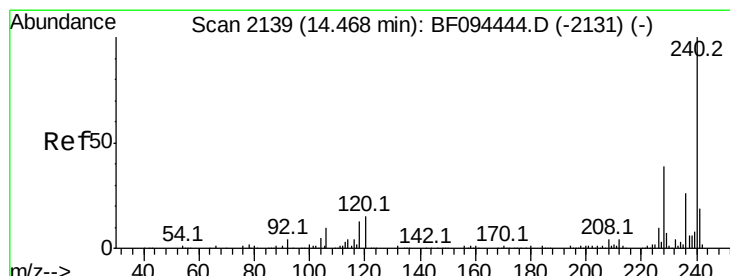
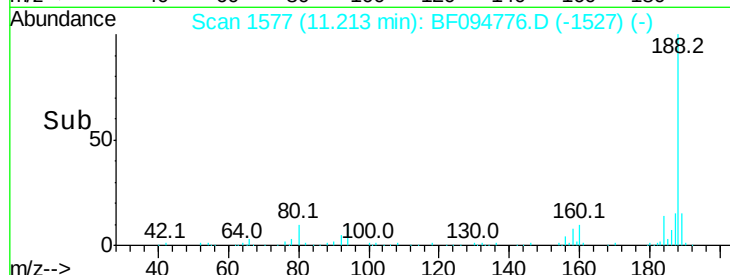
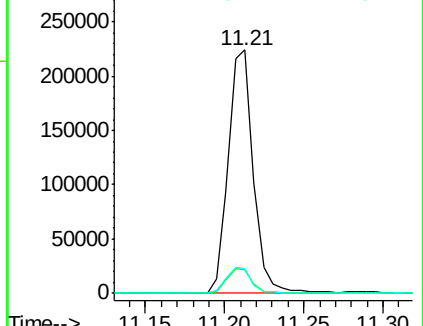
80 10.2 10.2 15.2



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: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094776.D

Acq: 2 May 2017 4:08

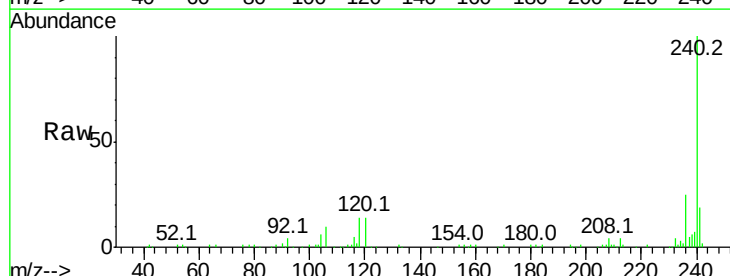
Tgt Ion:240 Resp: 185605

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

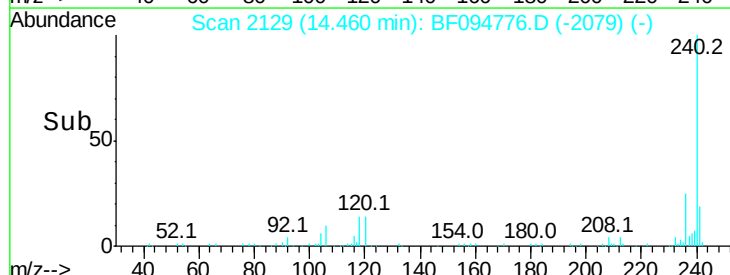
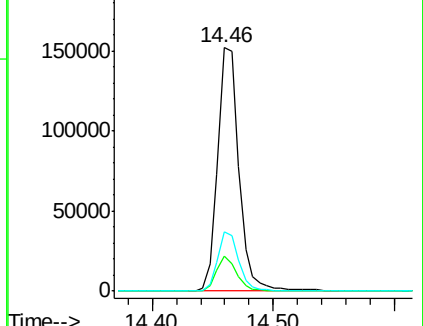
236 24.5 20.5 30.7

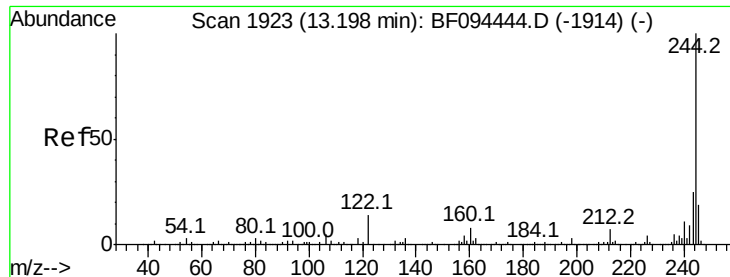


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 116.20 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094776.D

Acq: 2 May 2017 4:08

Instrument :

BNA_F

ClientSampled :

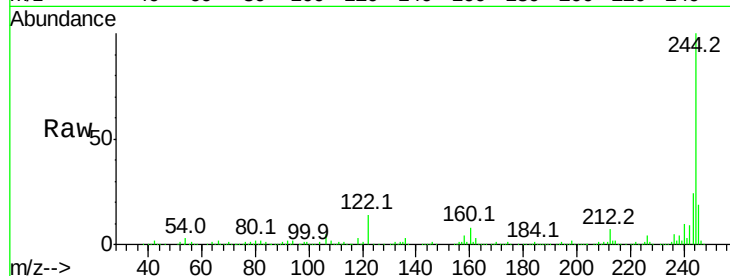
Tot Ion:244 Resp: 806859

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

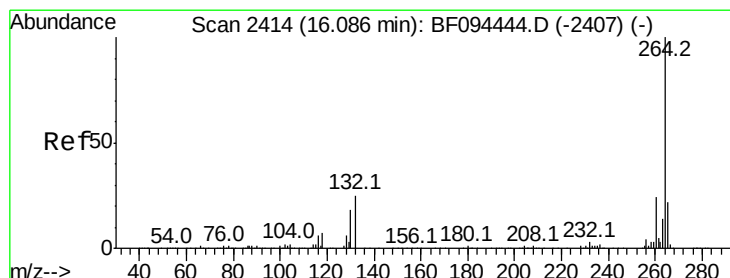
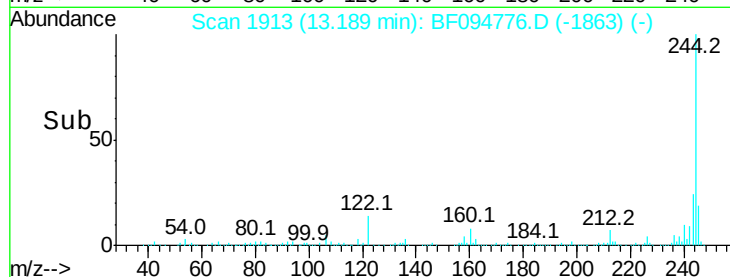
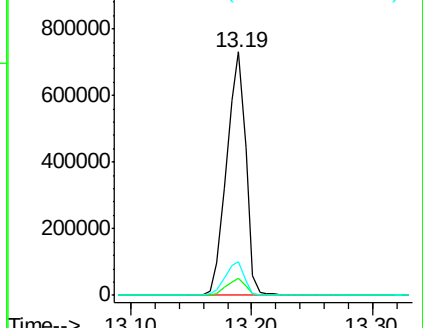
122 14.1 10.3 15.5



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: BF094776.D

Acq: 2 May 2017 4:08

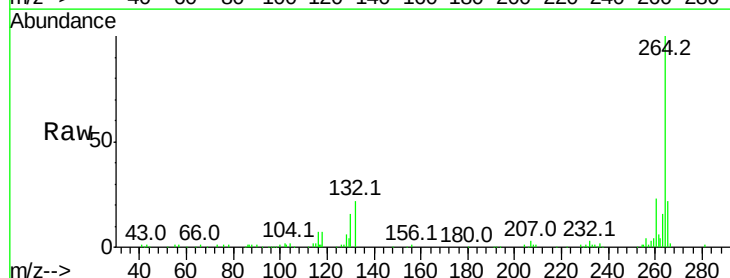
Tgt Ion:264 Resp: 149172

Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

265 21.7 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

