

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094260.D
 Acq On : 7 Apr 2017 8:17
 Operator : SJ/MA
 Sample : I2542-17
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 07 08:39:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

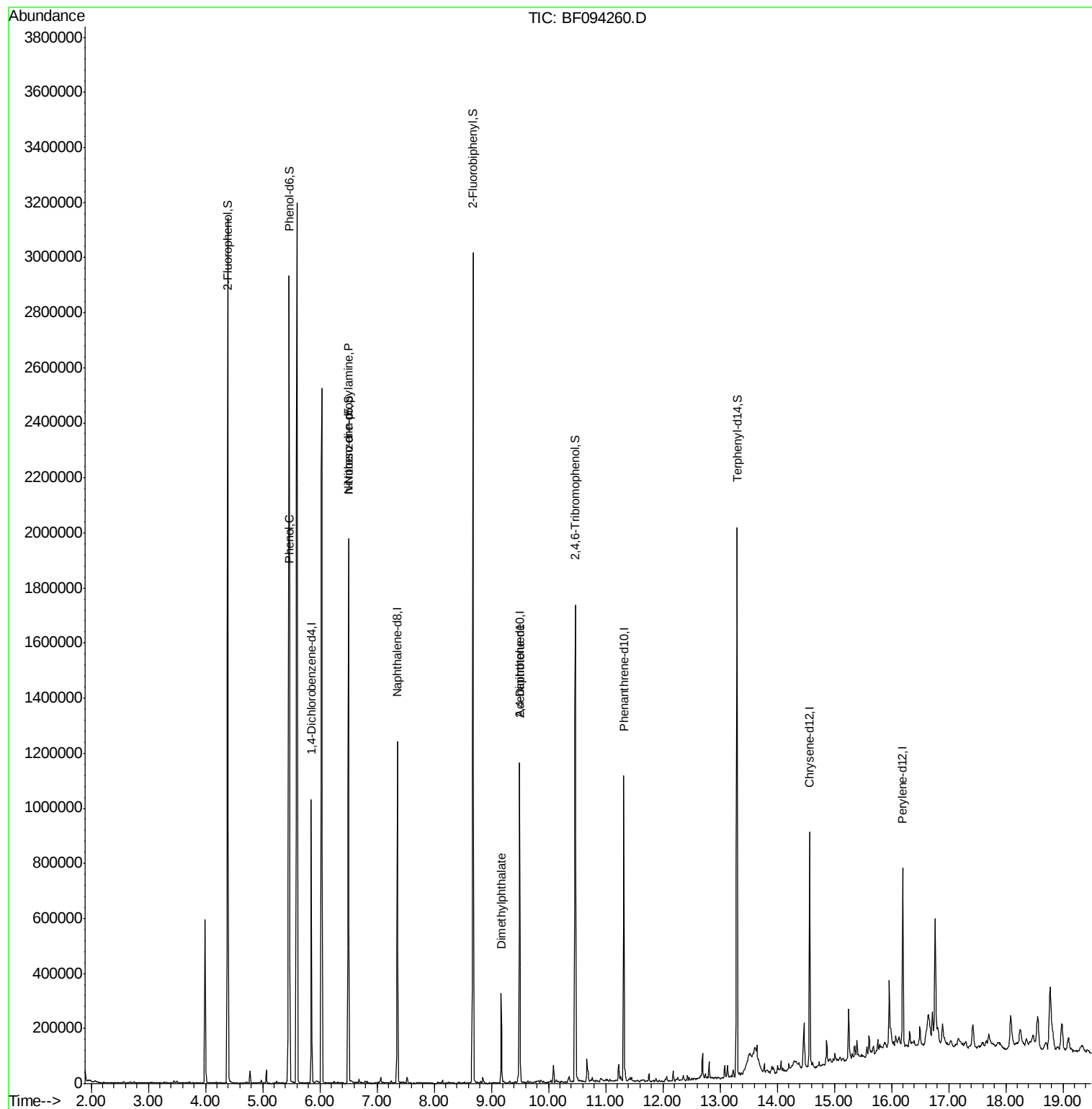
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	158533	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	626441	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	273487	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	432898	20.00	ng	0.00
75) Chrysene-d12	14.57	240	304988	20.00	ng	0.00
86) Perylene-d12	16.20	264	253897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	955913	101.84	ng	0.00
7) Phenol-d6	5.46	99	1223124	105.34	ng	0.00
23) Nitrobenzene-d5	6.50	82	735309	66.99	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	210095	97.22	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1047863	58.44	ng	0.00
78) Terphenyl-d14	13.30	244	669387	49.20	ng	0.00
Target Compounds						
10) Phenol	5.47	94	84258	6.38	ng	88
19) n-Nitroso-di-n-propylamine	6.50	70	97167	13.02	ng	# 78
49) Dimethylphthalate	9.17	163	137568	7.08	ng	100
56) 2,4-Dinitrotoluene	9.49	165	34299	6.13	ng	# 33

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

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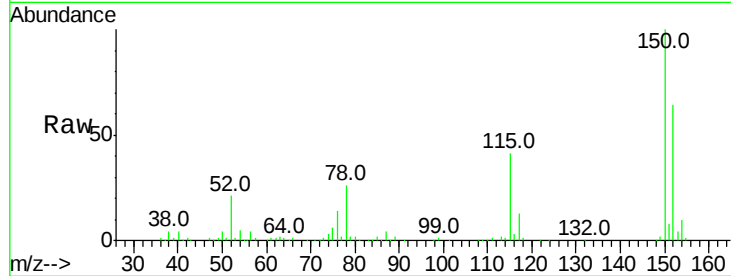


#1

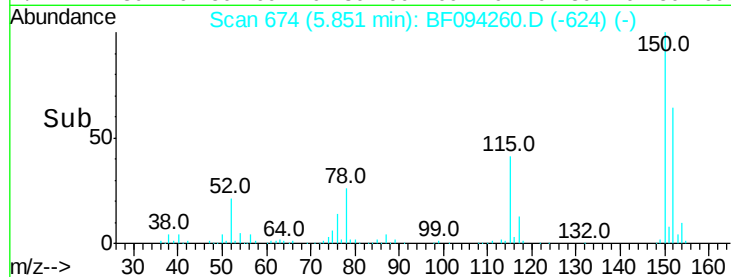
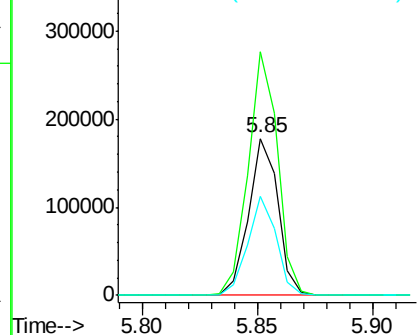
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF094260.D
Acq: 7 Apr 2017 8:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 158533
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.2
115 63.3 52.2 78.2



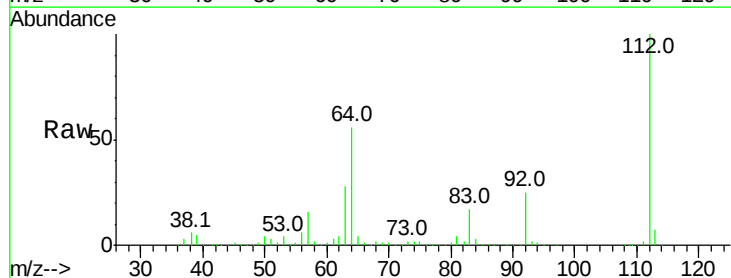
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



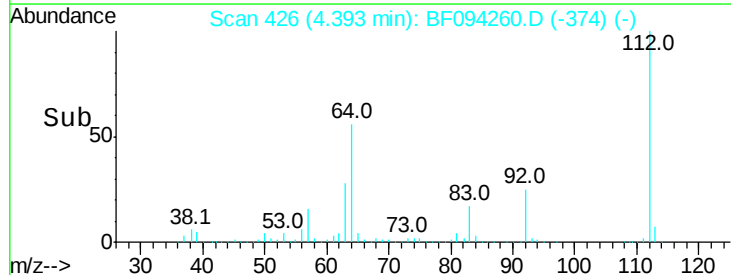
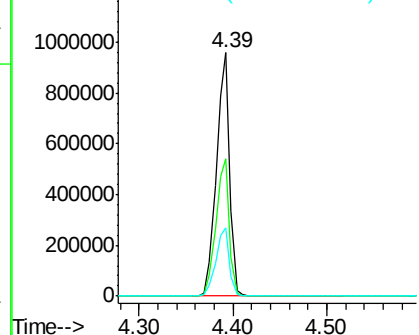
#5

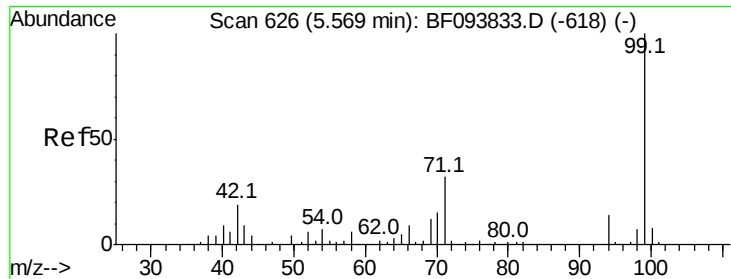
2-Fluorophenol
Concen: 101.84 ng
RT: 4.39 min Scan# 426
Delta R.T. 0.01 min
Lab File: BF094260.D
Acq: 7 Apr 2017 8:17

Tgt Ion:112 Resp: 955913
Ion Ratio Lower Upper
112 100
64 56.3 46.0 69.0
63 28.1 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: 105.34 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF094260.D

Acq: 7 Apr 2017 8:17

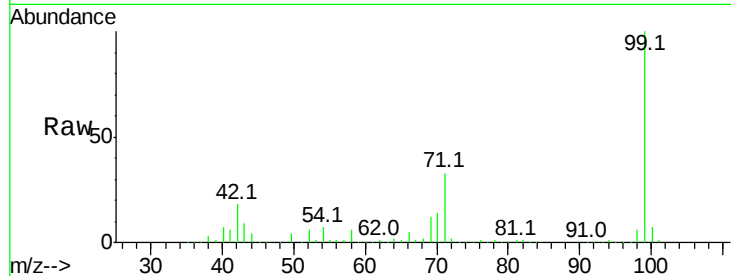
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1223124

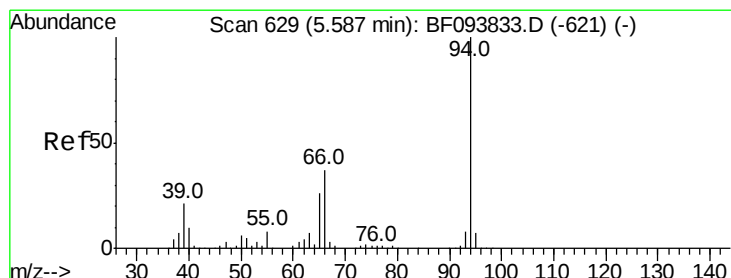
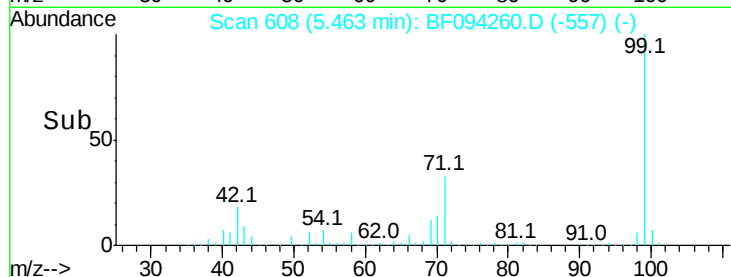
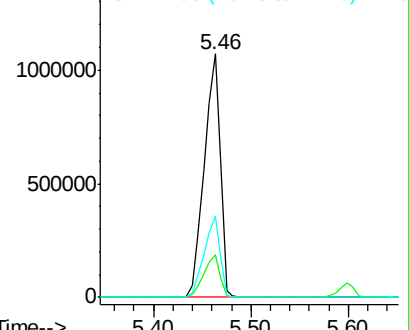
Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	33.5	24.5	36.7



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



#10

Phenol

Concen: 6.38 ng

RT: 5.47 min Scan# 610

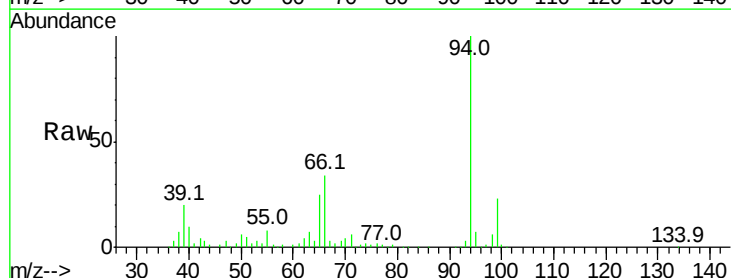
Delta R.T. -0.01 min

Lab File: BF094260.D

Acq: 7 Apr 2017 8:17

Tgt Ion: 94 Resp: 84258

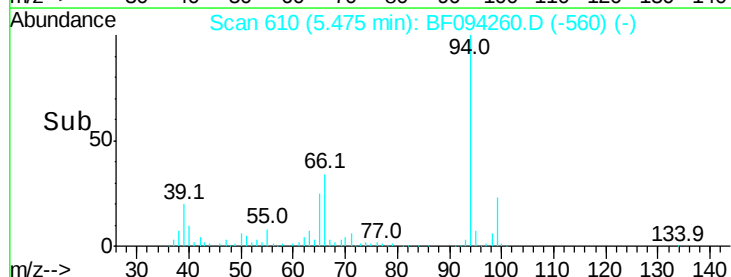
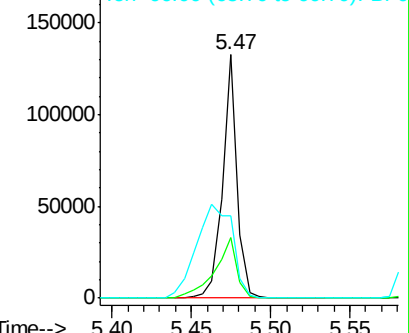
Ion	Ratio	Lower	Upper
94	100		
65	24.9	9.9	49.9
66	34.0	23.1	63.1

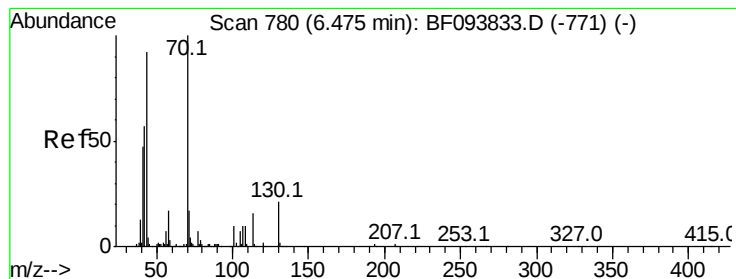


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 13.02 ng

RT: 6.50 min Scan# 785

Delta R.T. 0.16 min

Lab File: BF094260.D

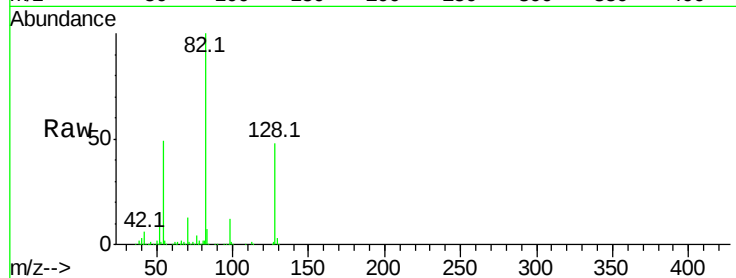
Acq: 7 Apr 2017 8:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	97167
Ion	Ratio	Lower	Upper
70	100		
42	47.4	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

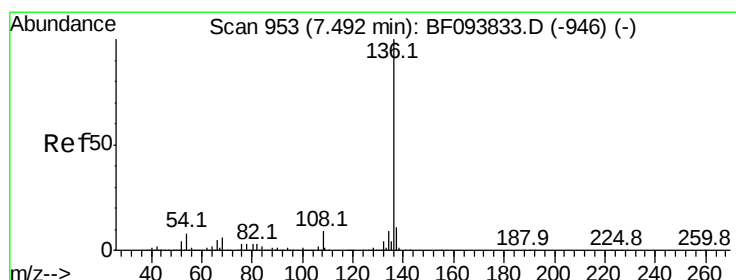
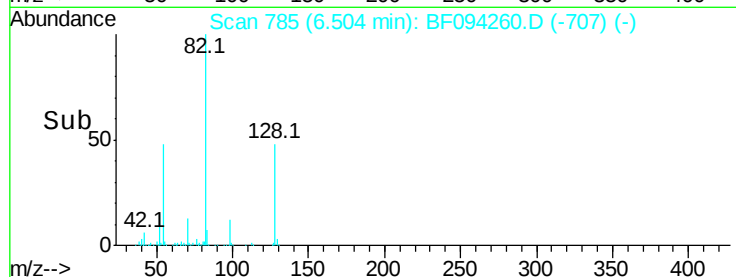
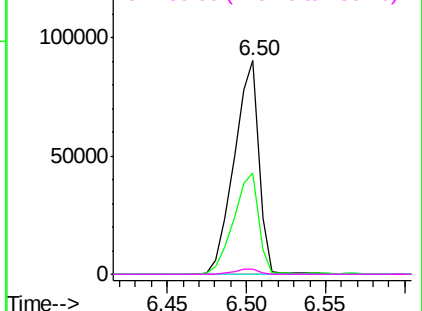


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

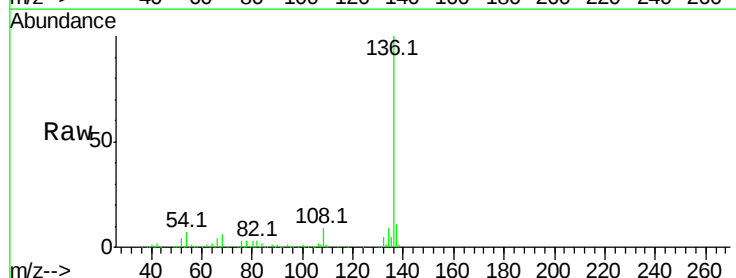
RT: 7.36 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF094260.D

Acq: 7 Apr 2017 8:17

Tgt Ion:	136	Resp:	626441
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.0	4.9	7.3
68	5.6	4.1	6.1

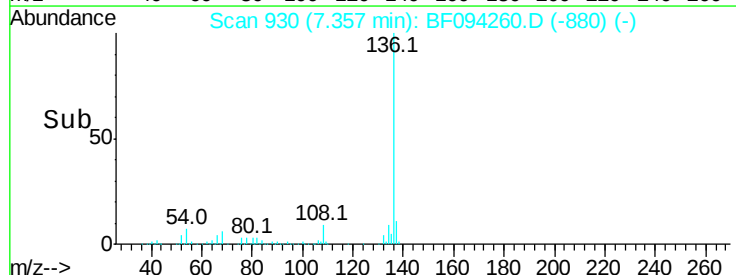
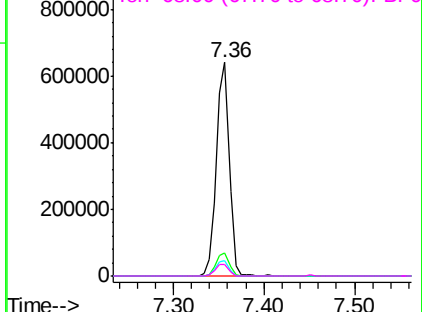


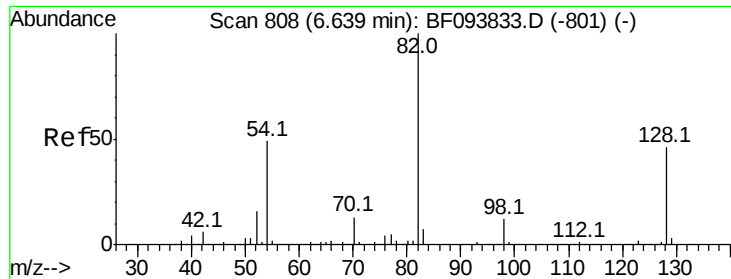
Abundance Ion 136.00 (135.70 to 136.70): E

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

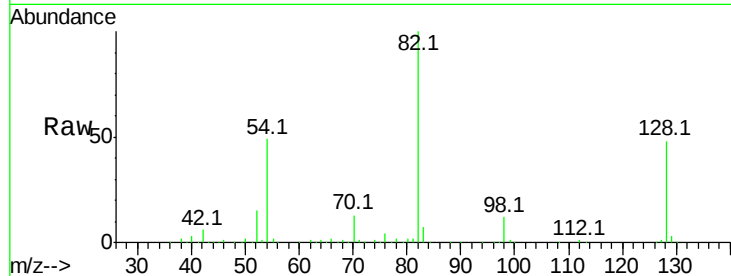




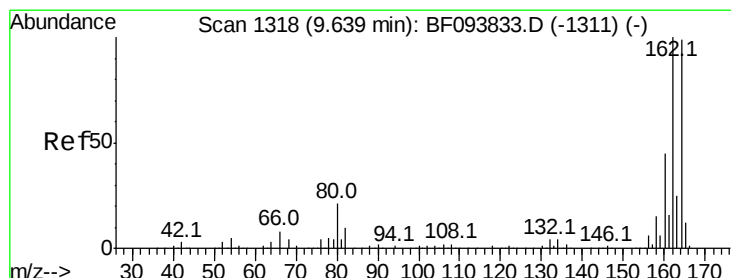
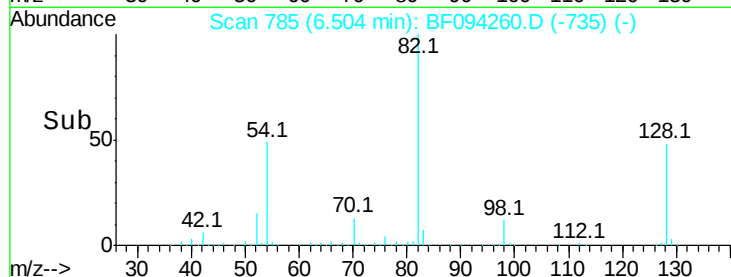
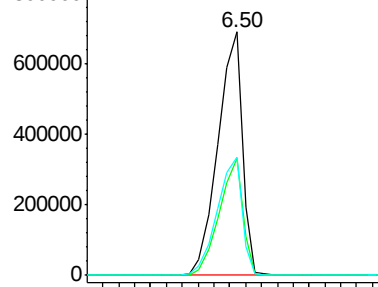
#23
 Nitrobenzene-d5
 Concen: 66.99 ng
 RT: 6.50 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF094260.D
 Acq: 7 Apr 2017 8:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	735309
Ion Ratio	Lower	Upper	
82	100		
128	48.1	34.0	51.0
54	48.5	42.2	63.2

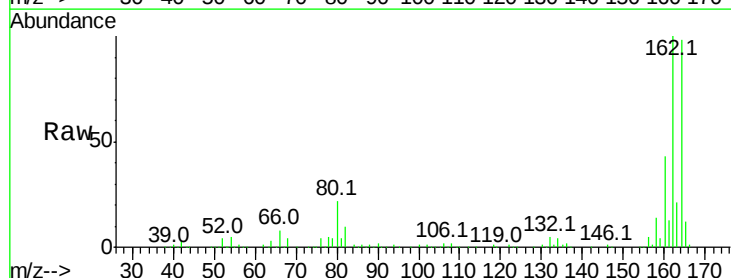


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

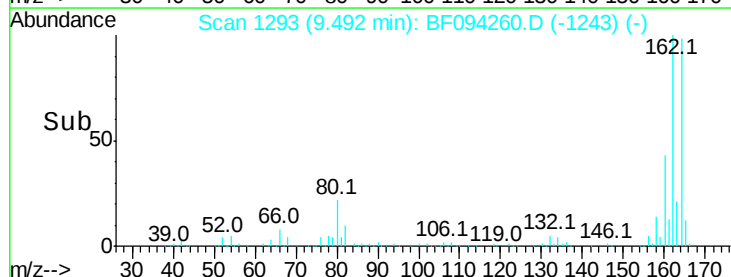
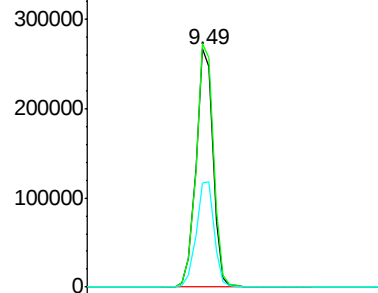


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF094260.D
 Acq: 7 Apr 2017 8:17

Tgt Ion	164	Resp	273487
Ion Ratio	Lower	Upper	
164	100		
162	102.4	82.6	123.8
160	43.7	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

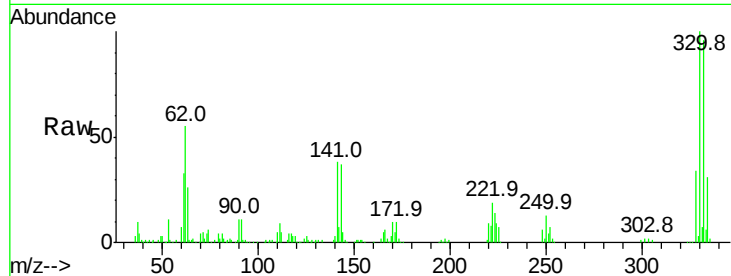




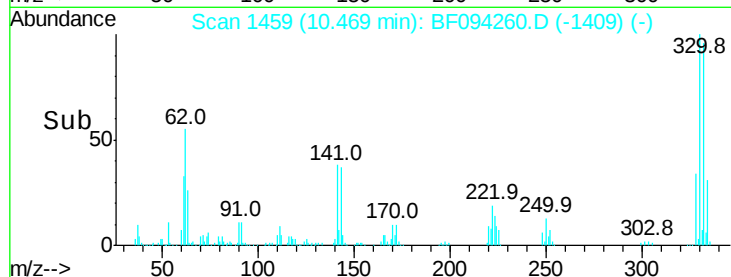
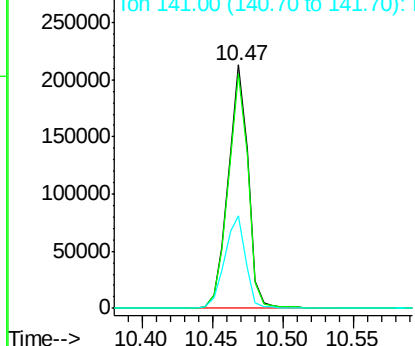
#41
 2,4,6-Tribromophenol
 Concen: 97.22 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF094260.D
 Acq: 7 Apr 2017 8:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 210095
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 39.9 31.4 47.2

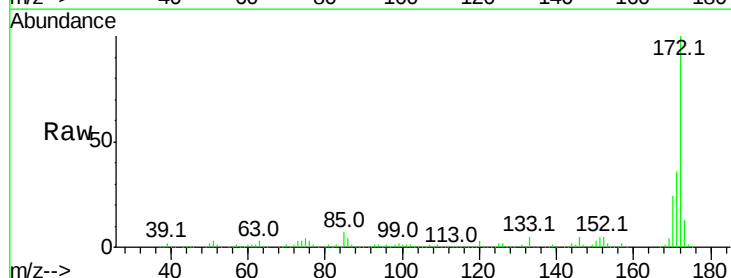


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

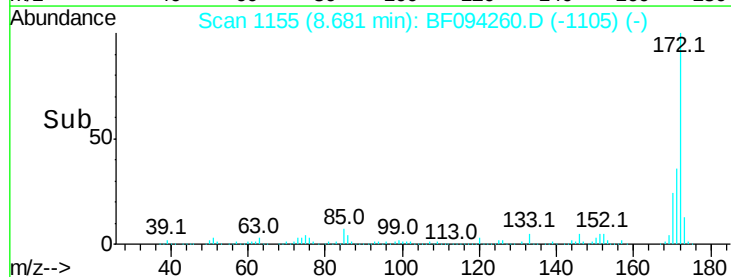
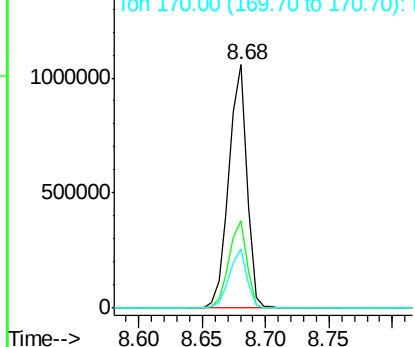


#44
 2-Fluorobiphenyl
 Concen: 58.44 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094260.D
 Acq: 7 Apr 2017 8:17

Tgt Ion:172 Resp: 1047863
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.4 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

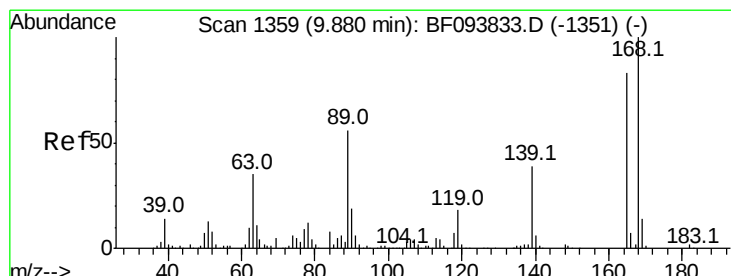
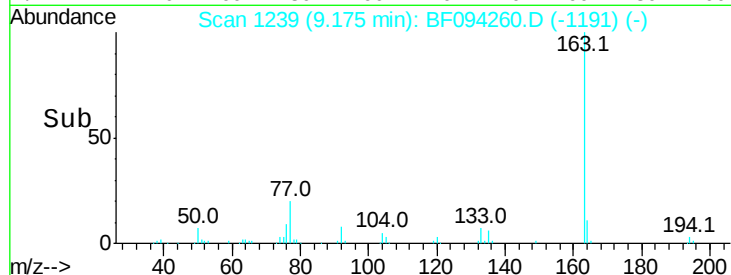
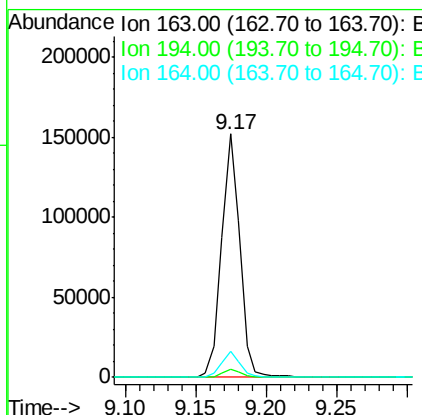
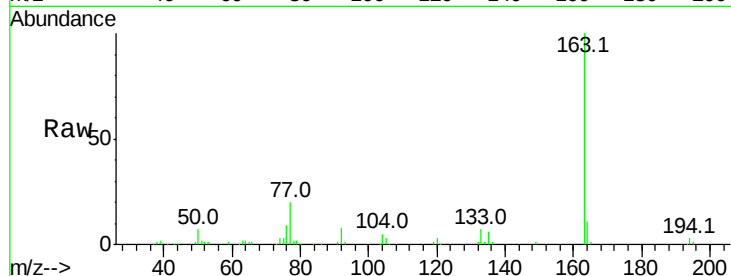




#49
Dimethylphthalate
Concen: 7.08 ng
RT: 9.17 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF094260.D
Acq: 7 Apr 2017 8:17

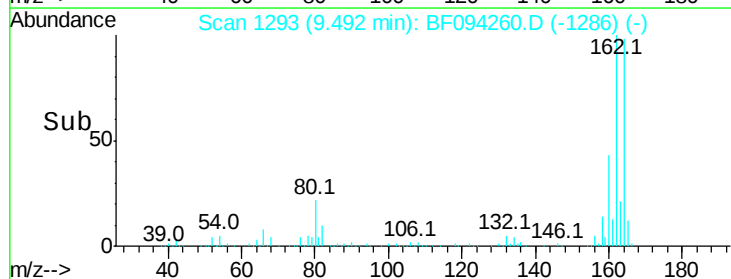
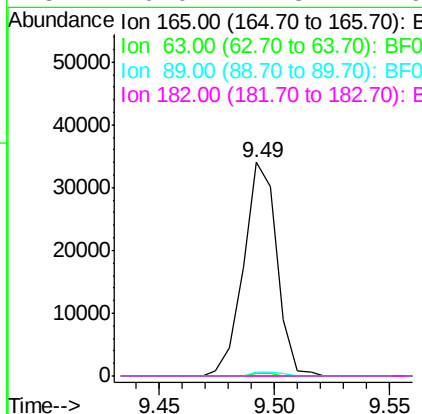
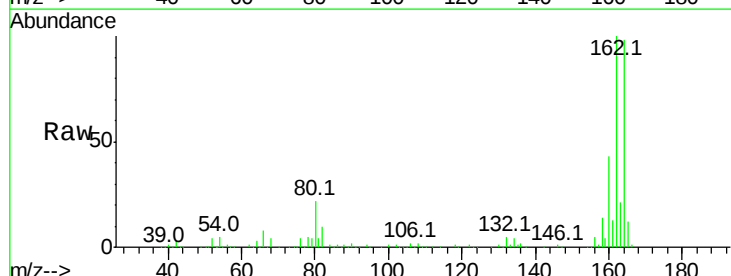
Instrument :
BNA_F
ClientSampleId :

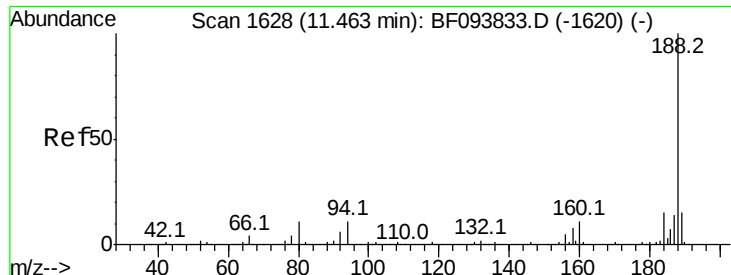
Tot Ion:163 Resp: 137568
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.7 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 6.13 ng
RT: 9.49 min Scan# 1293
Delta R.T. -0.26 min
Lab File: BF094260.D
Acq: 7 Apr 2017 8:17

Tgt Ion:165 Resp: 34299
Ion Ratio Lower Upper
165 100
63 1.4 25.4 38.0#
89 1.6 46.4 69.6#
182 0.0 1.8 2.6#

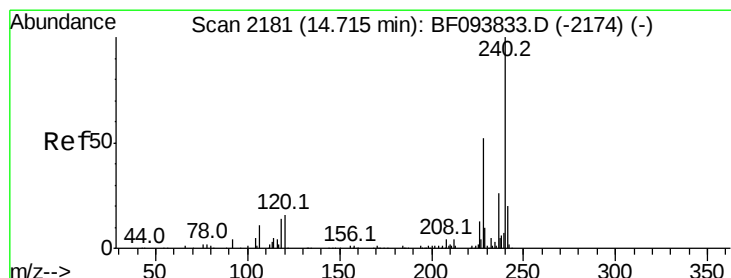
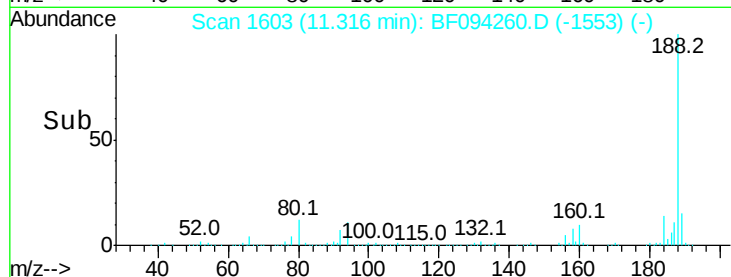
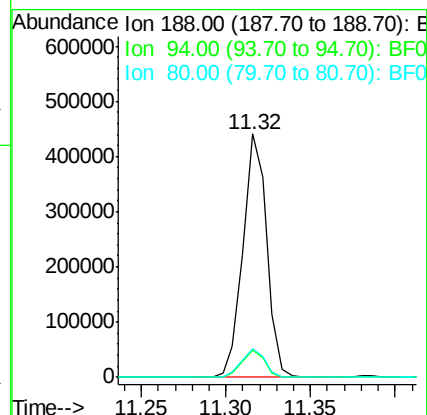
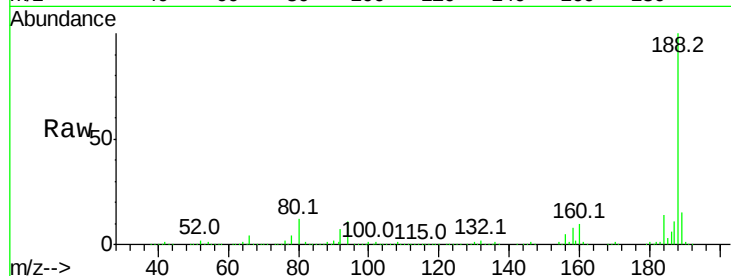




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF094260.D
Acq: 7 Apr 2017 8:17

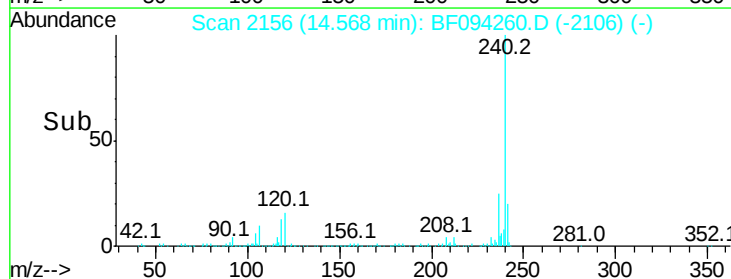
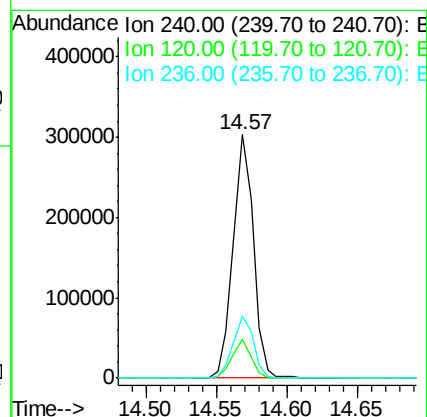
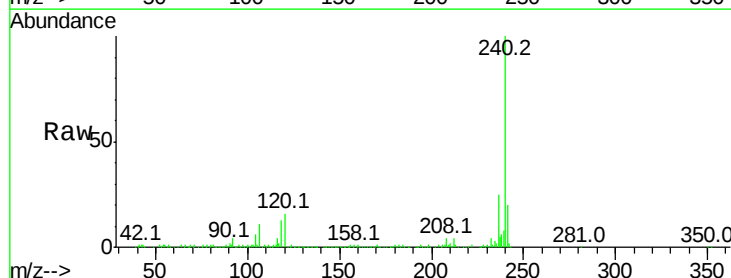
Instrument :
BNA_F
ClientSampled :

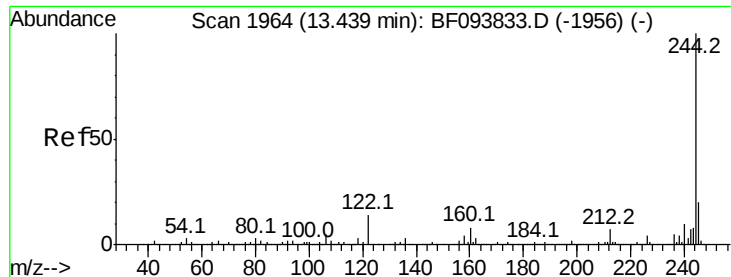
Tot Ion:188 Resp: 432898
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 11.9 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.57 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF094260.D
Acq: 7 Apr 2017 8:17

Tgt Ion:240 Resp: 304988
Ion Ratio Lower Upper
240 100
120 16.0 5.8 8.8#
236 25.2 20.5 30.7

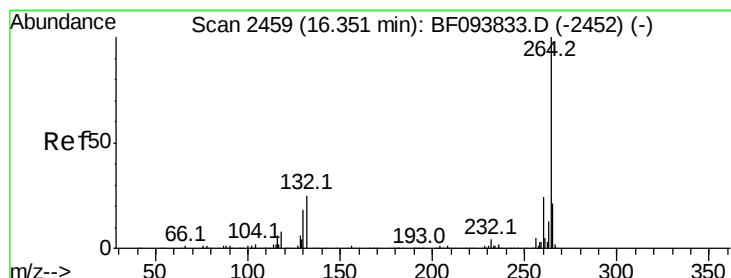
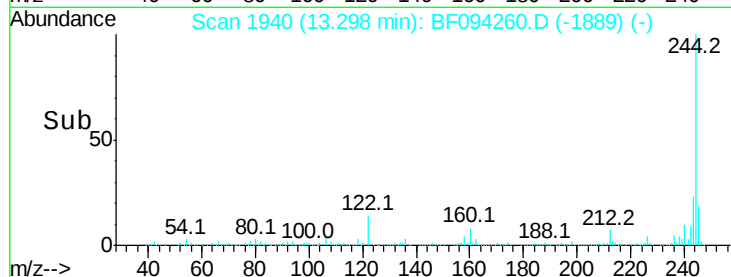
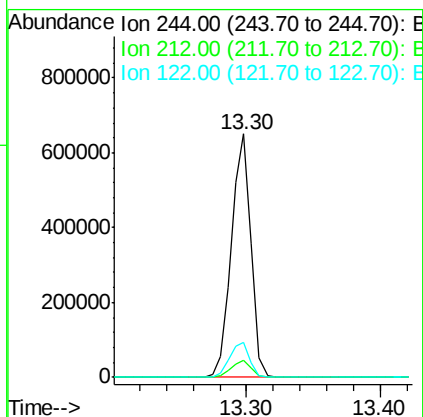
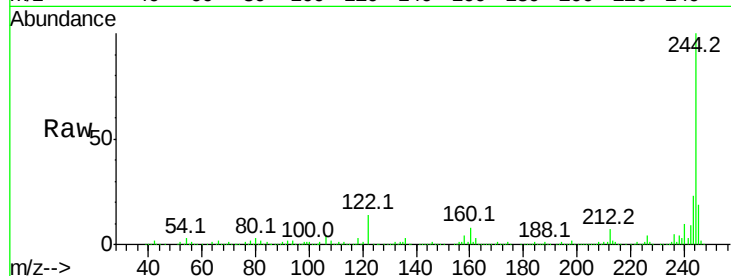




#78
 Terphenyl-d14
 Concen: 49.20 ng
 RT: 13.30 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: BF094260.D
 Acq: 7 Apr 2017 8:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 669387
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 2433
 Delta R.T. 0.01 min
 Lab File: BF094260.D
 Acq: 7 Apr 2017 8:17

Tgt Ion:264 Resp: 253897
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 22.2 17.2 25.8

