

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093863.D
 Acq On : 23 Mar 2017 5:50
 Operator : SJ/MA
 Sample : I2337-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASE-D

Quant Time: Mar 23 06:48:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

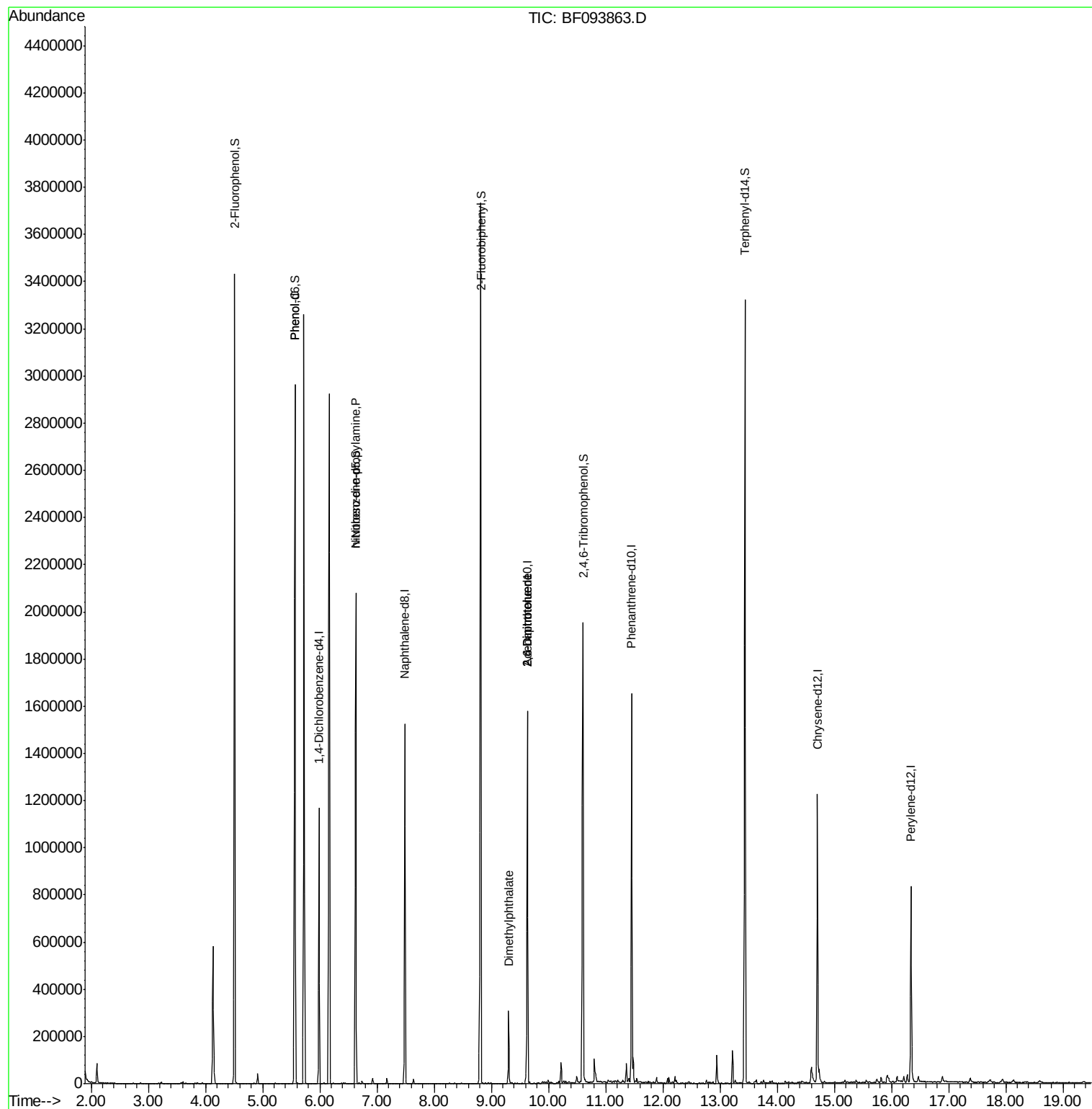
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	191459	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	777255	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	360773	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	629147	20.00	ng	0.00
75) Chrysene-d12	14.70	240	474167	20.00	ng	-0.01
86) Perylene-d12	16.34	264	337396	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.51	112	1041953	91.92	ng	0.00
7) Phenol-d6	5.57	99	1337437	95.37	ng	0.00
23) Nitrobenzene-d5	6.63	82	837719	61.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	268094	94.04	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	1528781	64.63	ng	0.00
78) Terphenyl-d14	13.44	244	1223560	57.84	ng	0.00
Target Compounds						
10) Phenol	5.57	94	58509	3.67	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	6.63	70	110727	12.29	ng	# 78
49) Dimethylphthalate	9.30	163	127525	4.97	ng	97
50) 2,6-Dinitrotoluene	9.63	165	46891	7.98	ng	# 33
56) 2,4-Dinitrotoluene	9.63	165	46892	6.35	ng	# 33

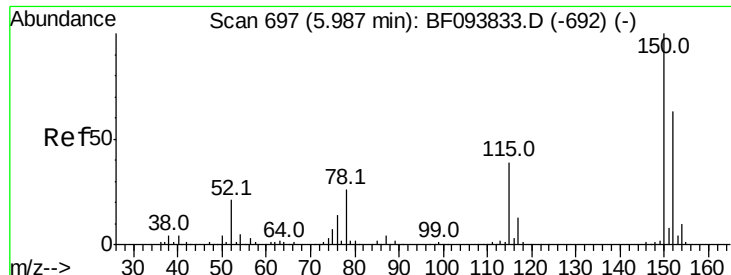
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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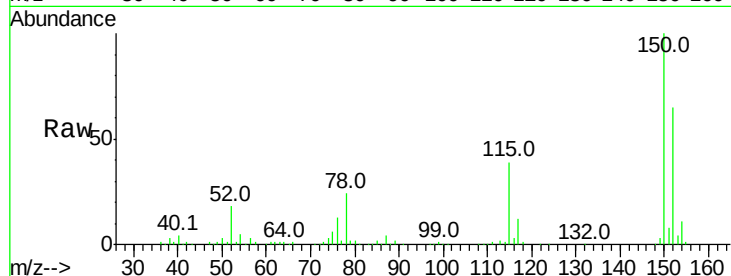


#1

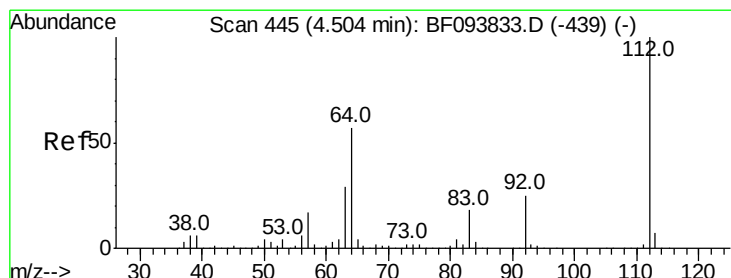
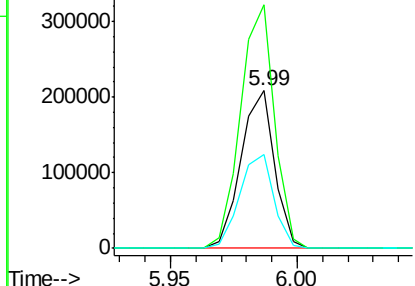
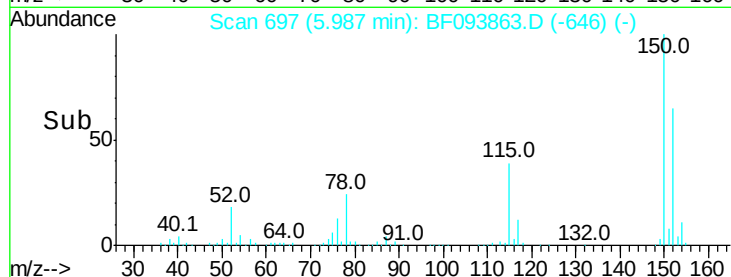
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.99 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF093863.D
Acq: 23 Mar 2017 5:50

Instrument :
BNA_F
ClientSampleId :
E2-Q14-BASE-D

Tot Ion:152 Resp: 191459
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.2
115 59.5 52.2 78.2



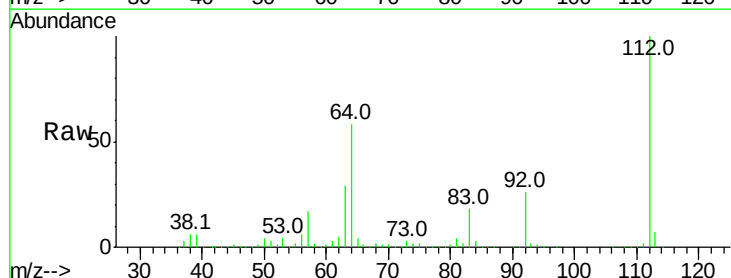
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



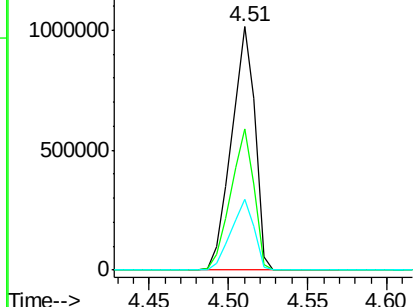
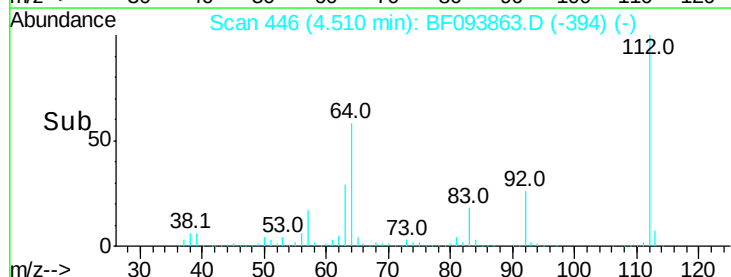
#5

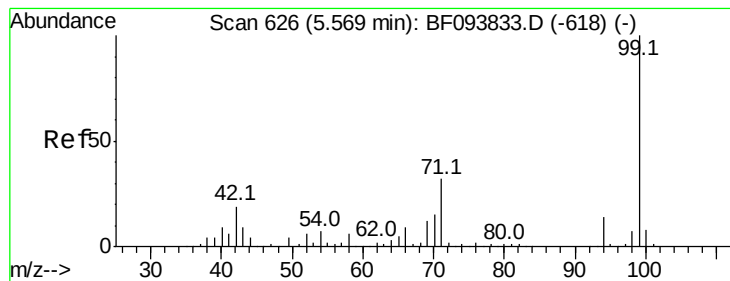
2-Fluorophenol
Concen: 91.92 ng
RT: 4.51 min Scan# 446
Delta R.T. 0.01 min
Lab File: BF093863.D
Acq: 23 Mar 2017 5:50

Tgt Ion:112 Resp: 1041953
Ion Ratio Lower Upper
112 100
64 58.1 46.0 69.0
63 29.1 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: 95.37 ng

RT: 5.57 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF093863.D

Acq: 23 Mar 2017 5:50

Instrument :

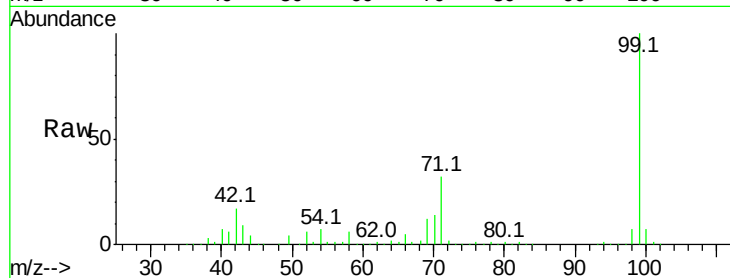
BNA_F

ClientSampleId :

E2-Q14-BASE-D

Tot Ion: 99 Resp: 1337437

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.5	20.3
71	31.7	24.5	36.7

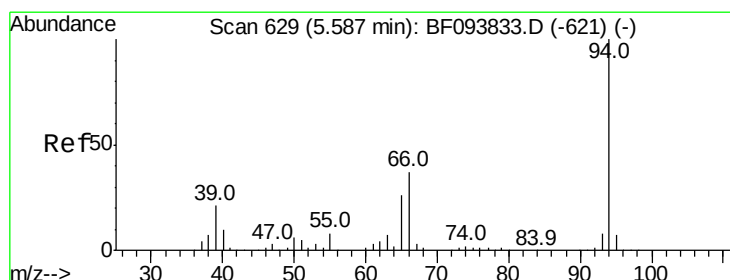
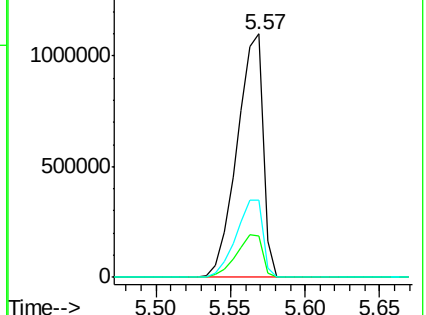
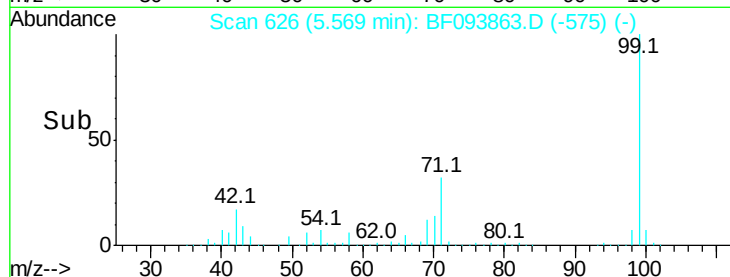


Abundance

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



#10

Phenol

Concen: 3.67 ng

RT: 5.57 min Scan# 627

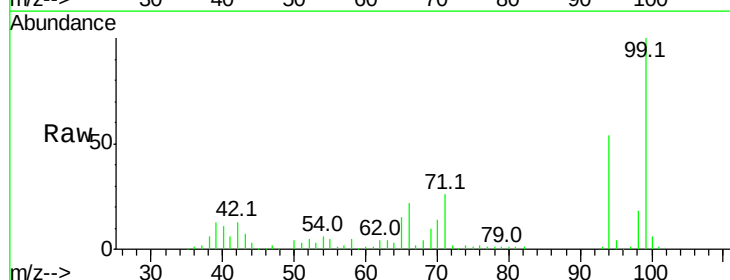
Delta R.T. -0.01 min

Lab File: BF093863.D

Acq: 23 Mar 2017 5:50

Tgt Ion: 94 Resp: 58509

Ion	Ratio	Lower	Upper
94	100		
65	27.1	9.9	49.9
66	41.2	23.1	63.1

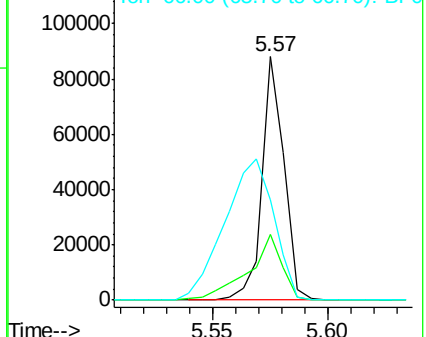
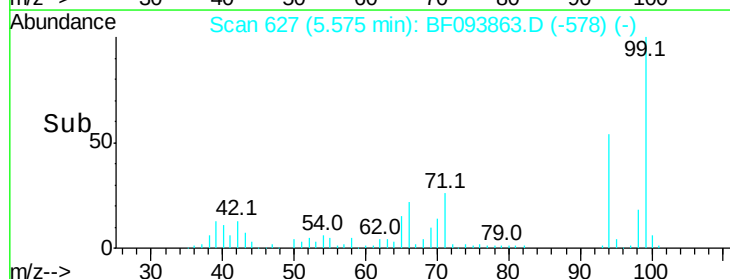


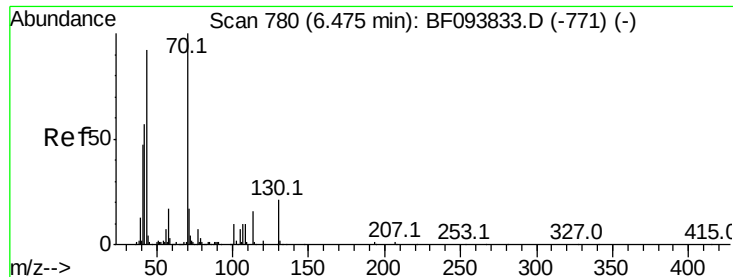
Abundance

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

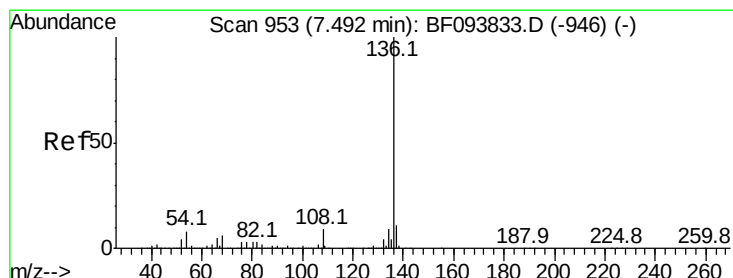
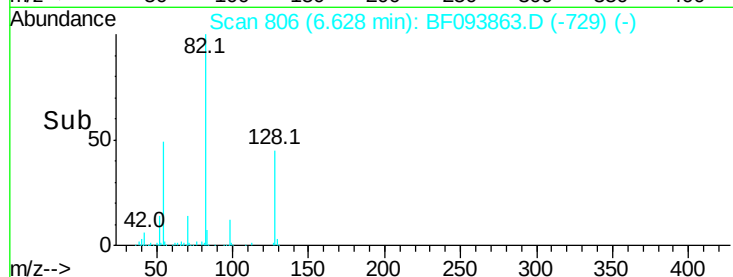
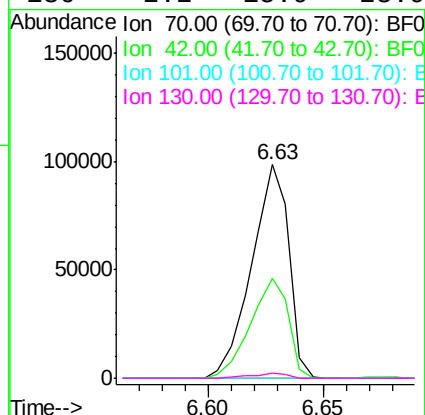
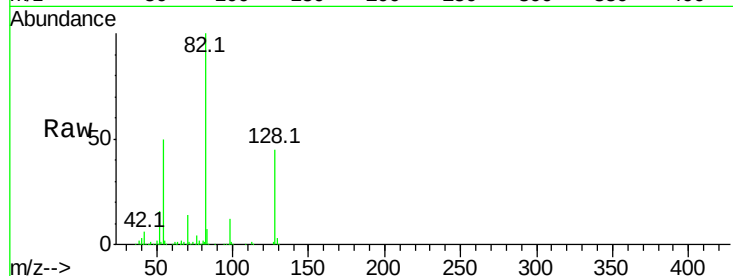




#19
n-Nitroso-di-n-propylamine
Concen: 12.29 ng
RT: 6.63 min Scan# 806
Delta R.T. 0.15 min
Lab File: BF093863.D
Acq: 23 Mar 2017 5:50

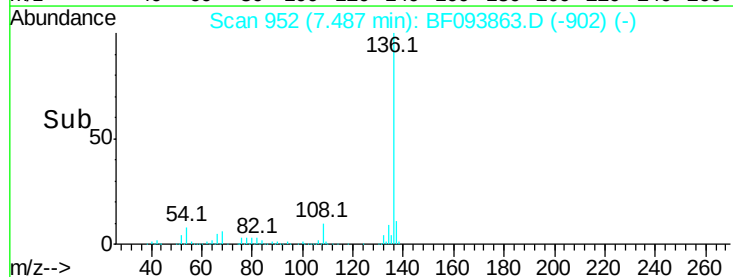
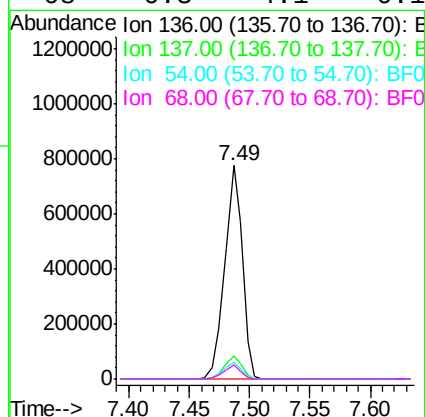
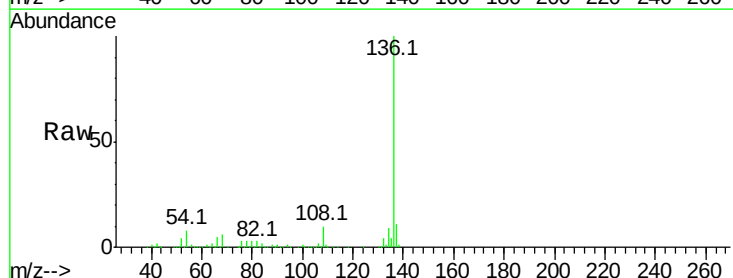
Instrument :
BNA_F
ClientSampleId :
E2-Q14-BASE-D

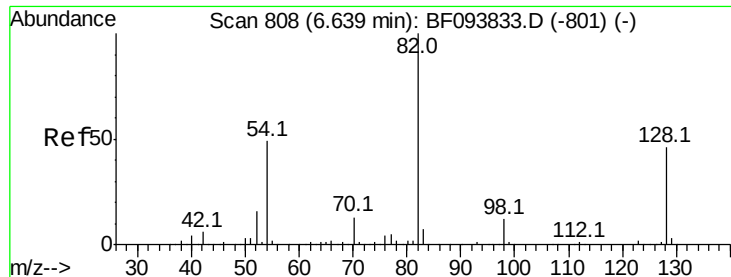
Tot Ion: 70 Resp: 110727
Ion Ratio Lower Upper
70 100
42 46.8 47.2 70.8#
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.49 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF093863.D
Acq: 23 Mar 2017 5:50

Tgt Ion: 136 Resp: 777255
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 8.0 4.9 7.3#
68 6.3 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 61.51 ng

RT: 6.63 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF093863.D

Acq: 23 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASE-D

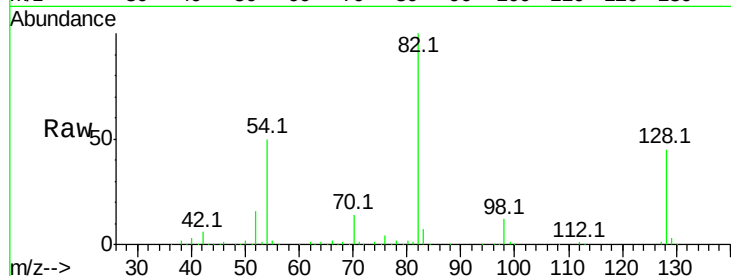
Tot Ion: 82 Resp: 837719

Ion Ratio Lower Upper

82 100

128 45.4 34.0 51.0

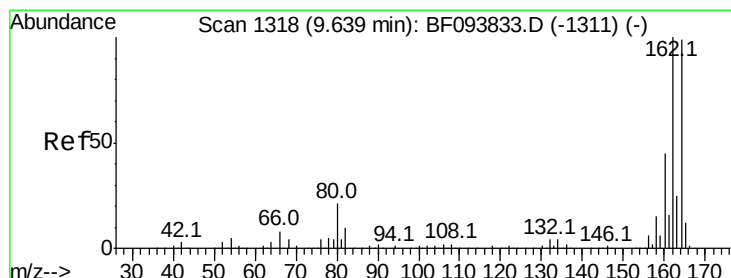
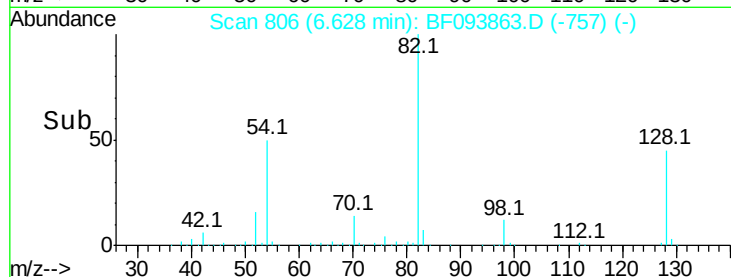
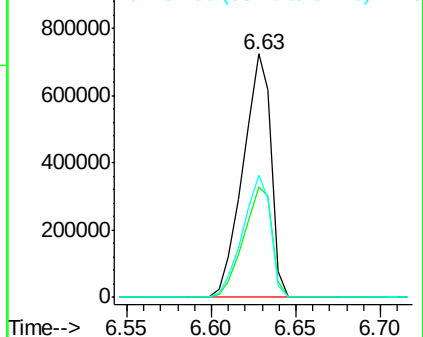
54 49.9 42.2 63.2



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: 9.63 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF093863.D

Acq: 23 Mar 2017 5:50

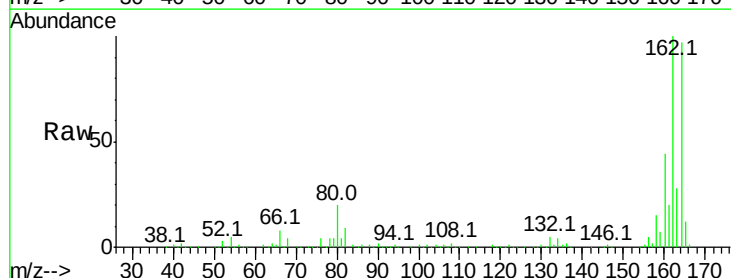
Tgt Ion: 164 Resp: 360773

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

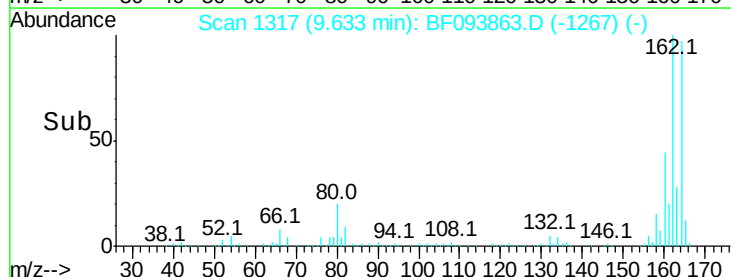
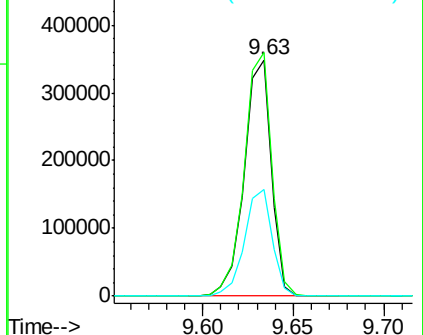
160 45.4 36.2 54.2

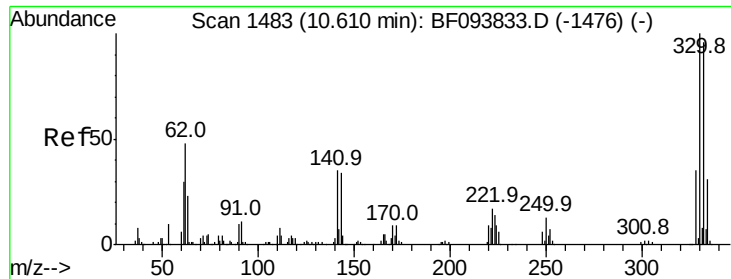


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

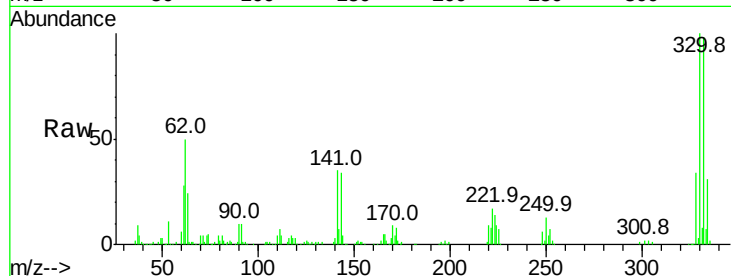




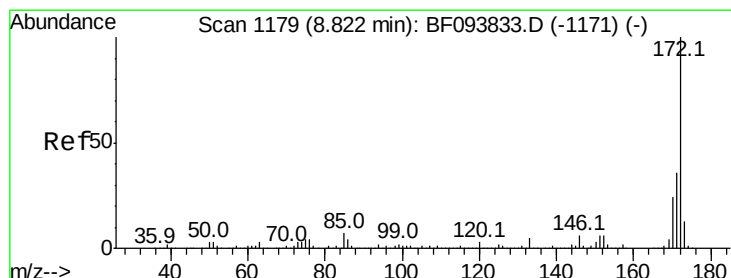
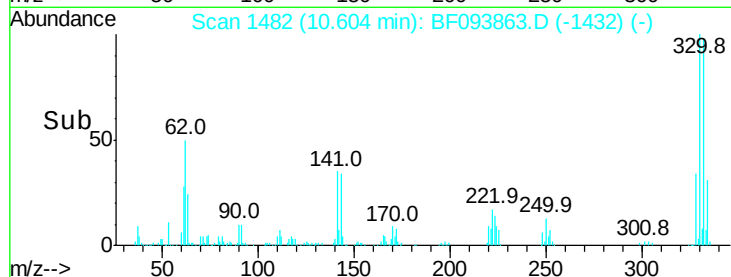
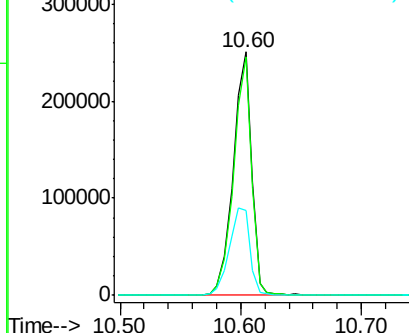
#41
 2,4,6-Tribromophenol
 Concen: 94.04 ng
 RT: 10.60 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF093863.D
 Acq: 23 Mar 2017 5:50

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASE-D

Tot Ion:330 Resp: 268094
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 40.5 31.4 47.2

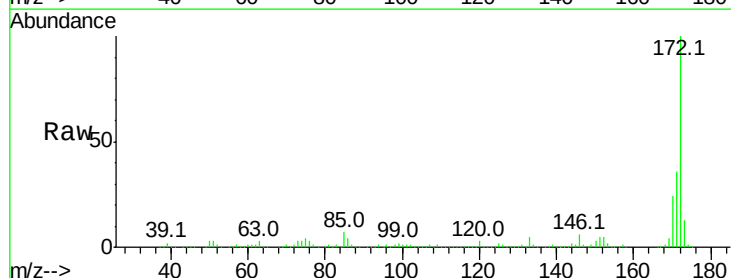


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

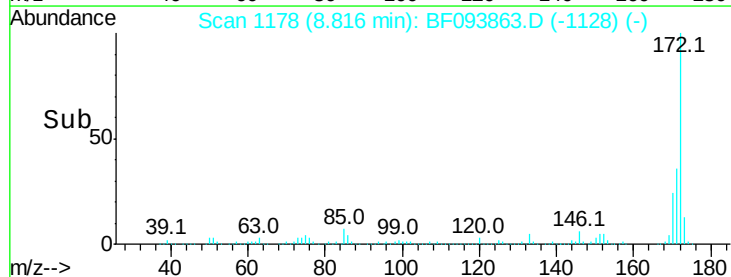
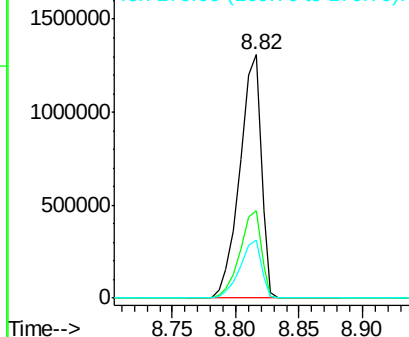


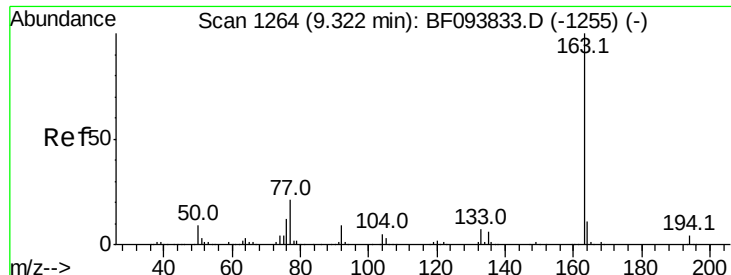
#44
 2-Fluorobiphenyl
 Concen: 64.63 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF093863.D
 Acq: 23 Mar 2017 5:50

Tgt Ion:172 Resp: 1528781
 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

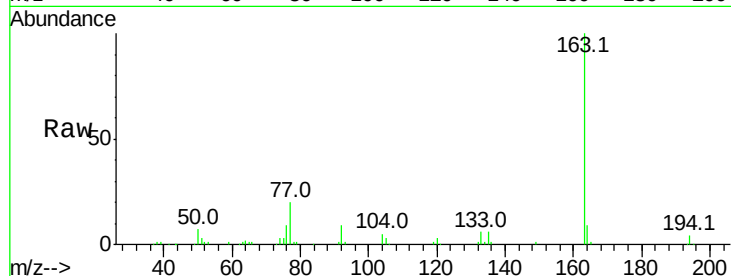




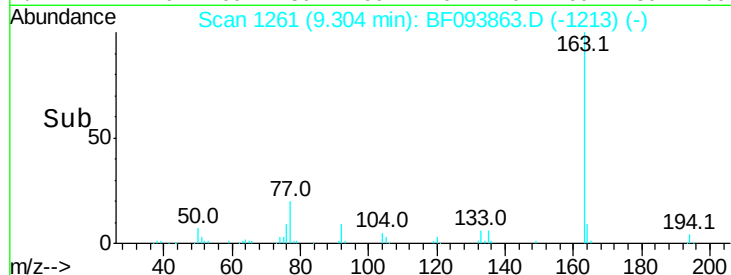
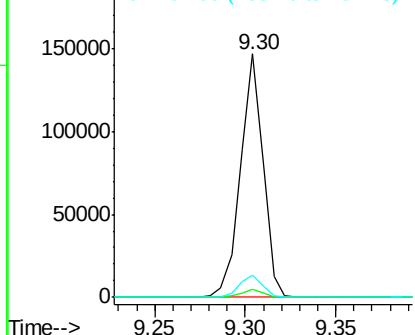
#49
Dimethylphthalate
Concen: 4.97 ng
RT: 9.30 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF093863.D
Acq: 23 Mar 2017 5:50

Instrument :
BNA_F
ClientSampleId :
E2-Q14-BASE-D

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.1	8.4	12.6

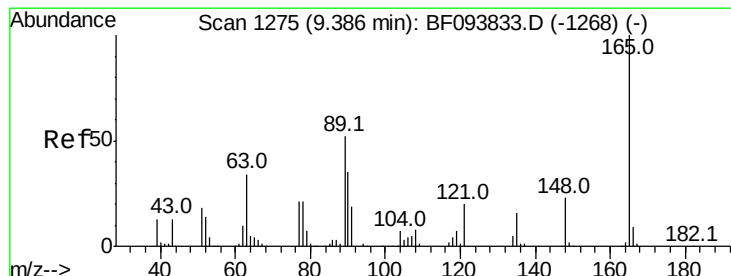


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

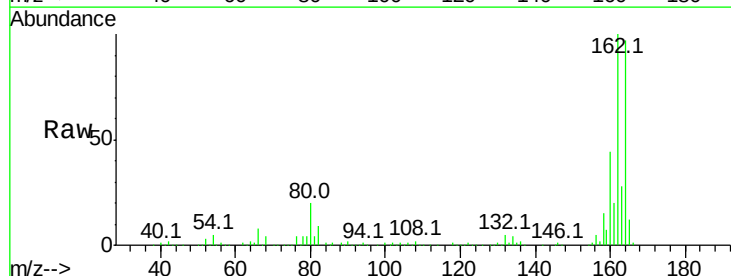
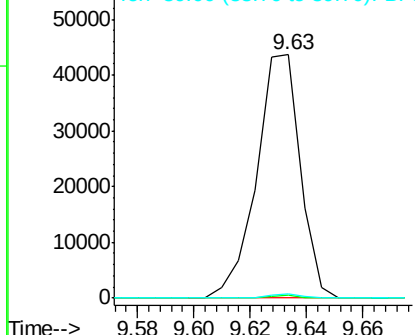


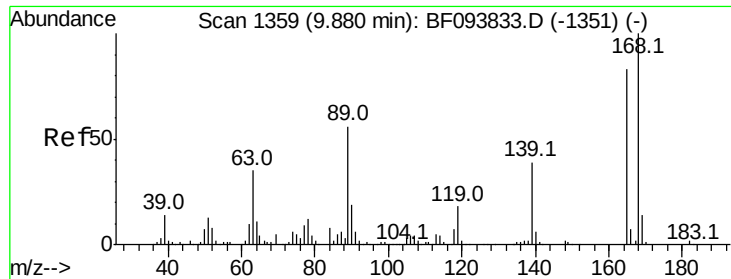
#50
2,6-Dinitrotoluene
Concen: 7.98 ng
RT: 9.63 min Scan# 1317
Delta R.T. 0.25 min
Lab File: BF093863.D
Acq: 23 Mar 2017 5:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	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

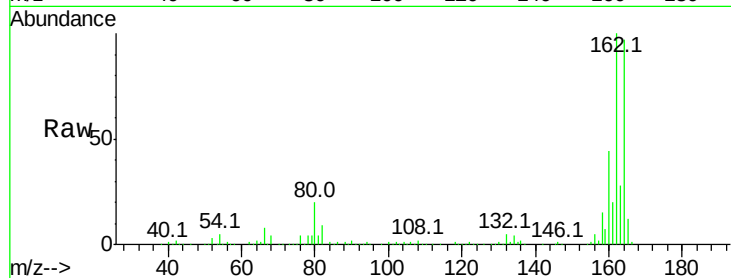




#56
 2,4-Dinitrotoluene
 Concen: 6.35 ng
 RT: 9.63 min Scan# 1317
 Delta R.T. -0.25 min
 Lab File: BF093863.D
 Acq: 23 Mar 2017 5:50

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASE-D

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

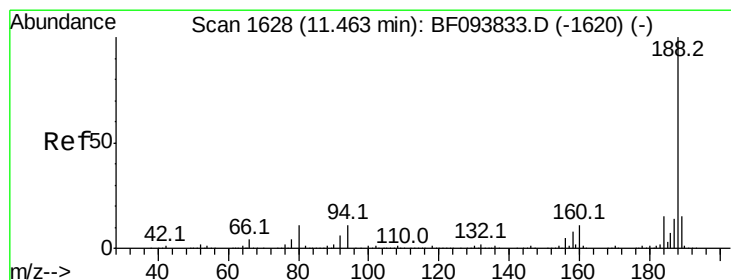
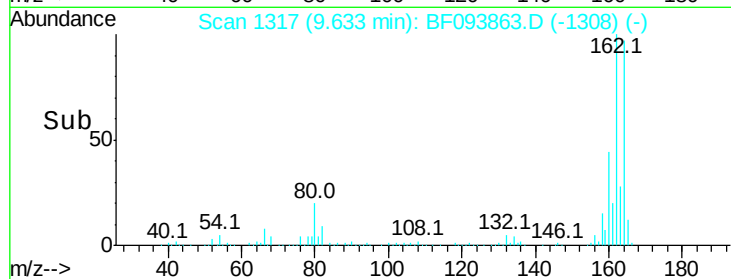
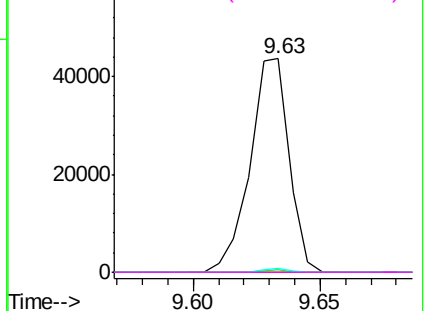


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

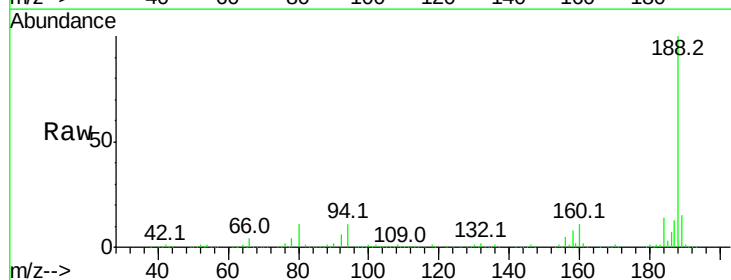
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BF093863.D
 Acq: 23 Mar 2017 5:50

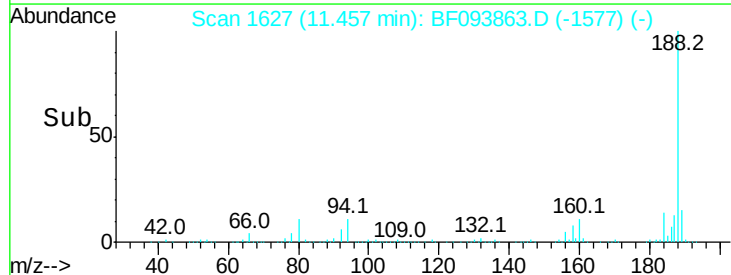
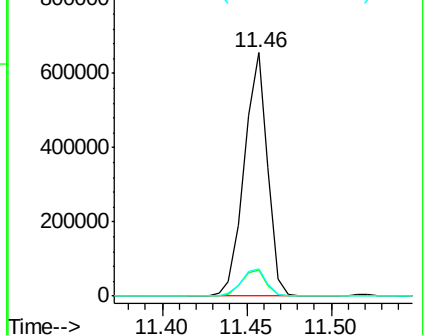
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.3	10.2	15.2

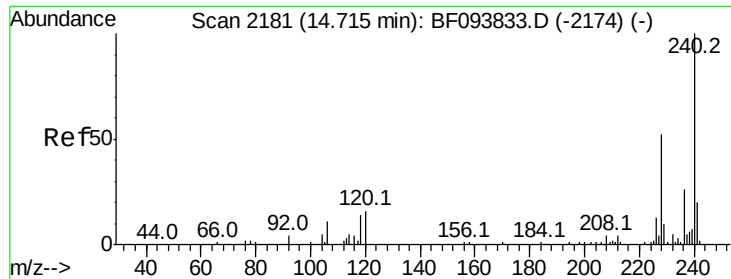


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

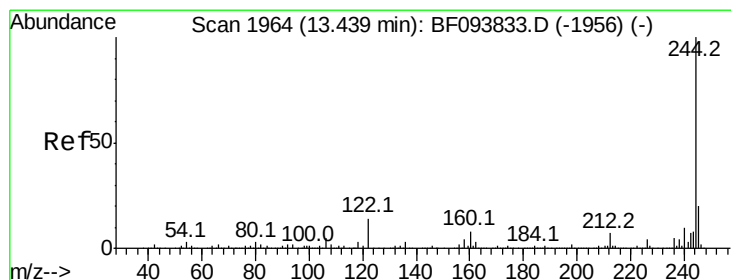
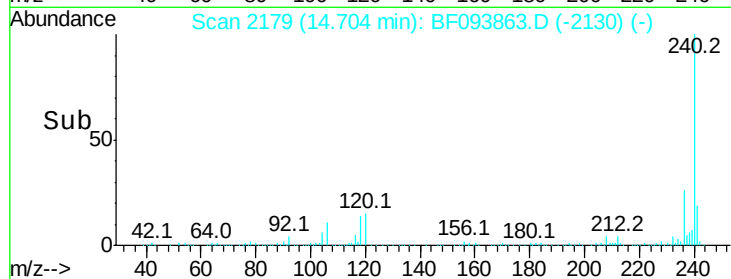
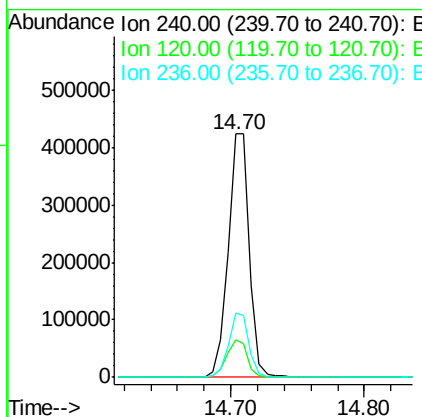
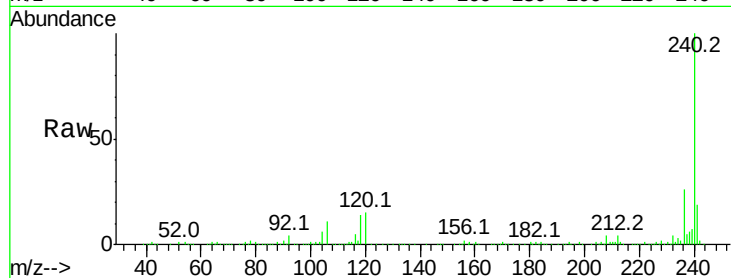




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.70 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BF093863.D
 Acq: 23 Mar 2017 5:50

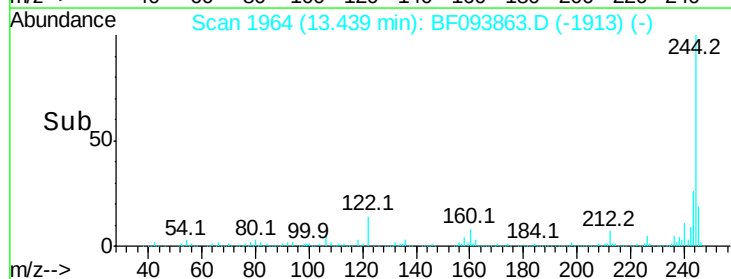
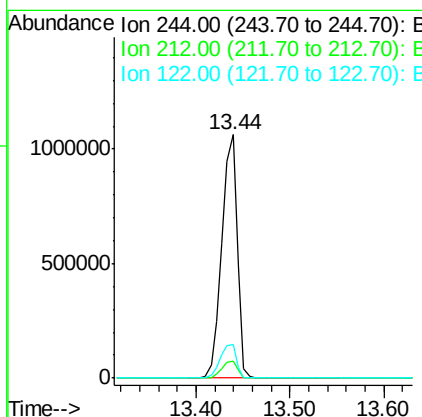
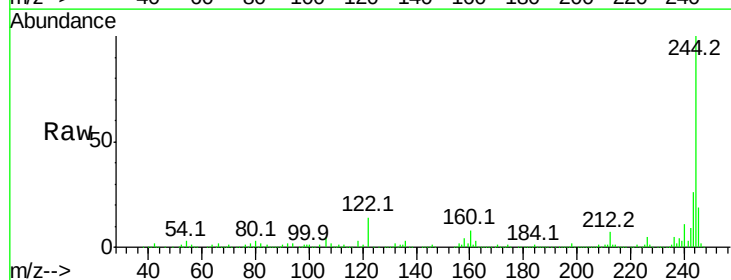
Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASE-D

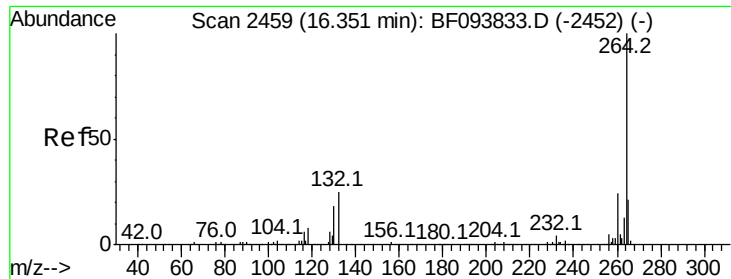
Tot Ion:240 Resp: 474167
 Ion Ratio Lower Upper
 240 100
 120 15.5 5.8 8.8#
 236 26.3 20.5 30.7



#78
 Terphenyl-d14
 Concen: 57.84 ng
 RT: 13.44 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BF093863.D
 Acq: 23 Mar 2017 5:50

Tgt Ion:244 Resp: 1223560
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.7 10.3 15.5

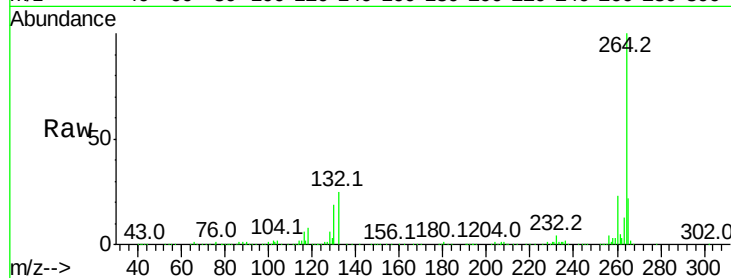




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.34 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BF093863.D
Acq: 23 Mar 2017 5:50

Instrument :
BNA_F
ClientSampleId :
E2-Q14-BASE-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.8	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

