

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093856.D
 Acq On : 23 Mar 2017 2:40
 Operator : SJ/MA
 Sample : I2354-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-170321-03

Quant Time: Mar 23 03:48:04 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

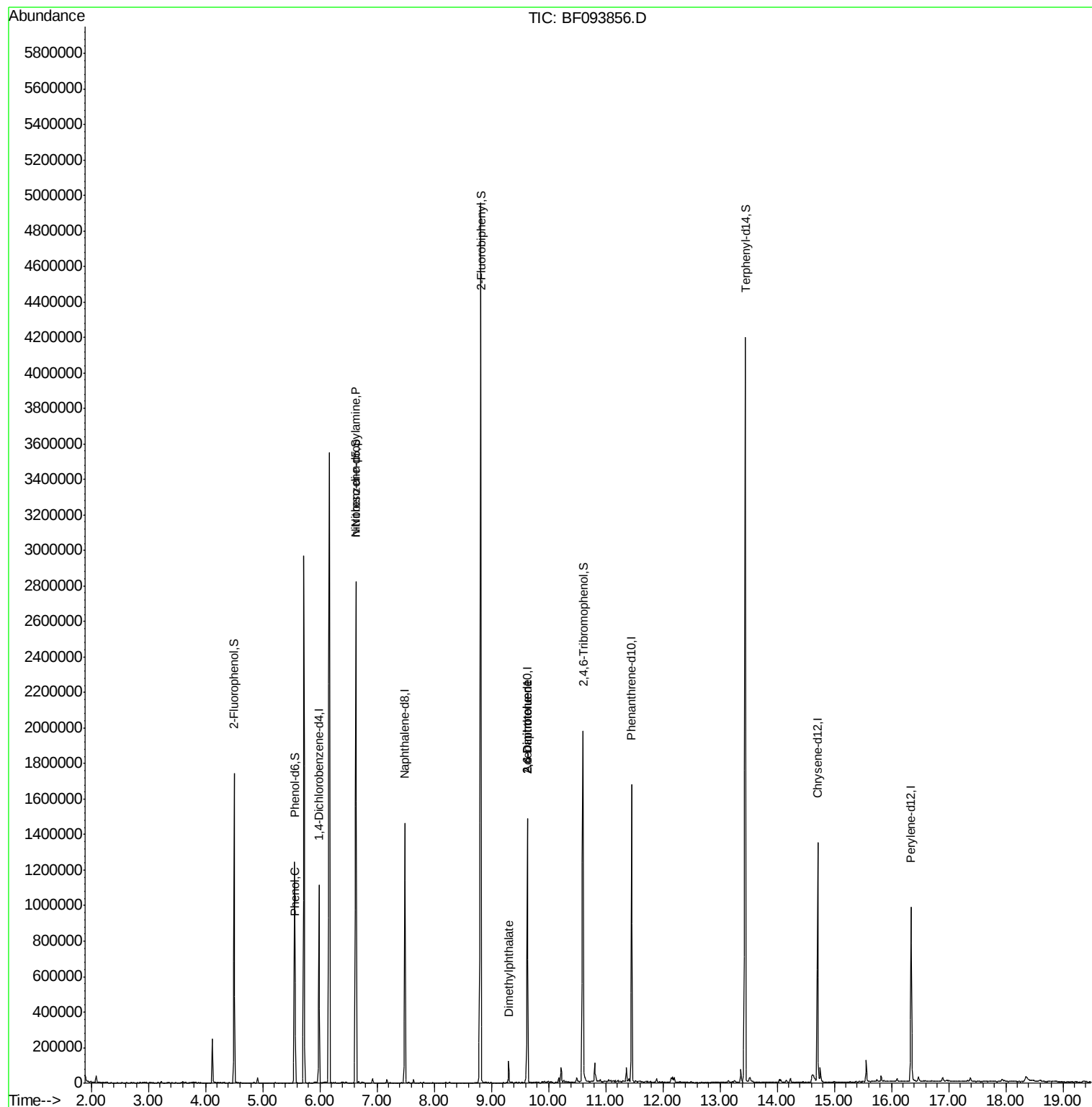
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	188757	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	757503	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	350991	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	634832	20.00	ng	0.00
75) Chrysene-d12	14.71	240	525712	20.00	ng	0.00
86) Perylene-d12	16.34	264	410246	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	499222	44.67	ng	0.00
7) Phenol-d6	5.56	99	422117	30.53	ng	-0.01
23) Nitrobenzene-d5	6.63	82	1203892	90.70	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	275117	99.19	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	2149119	93.39	ng	0.00
78) Terphenyl-d14	13.44	244	1725158	73.56	ng	0.00
Target Compounds						
10) Phenol	5.57	94	141734	9.01	ng	90
19) n-Nitroso-di-n-propylamine	6.63	70	158501	17.84	ng	# 79
49) Dimethylphthalate	9.30	163	51141	2.05	ng	98
50) 2,6-Dinitrotoluene	9.63	165	44377	7.76	ng	# 34
56) 2,4-Dinitrotoluene	9.63	165	44377	6.18	ng	# 33

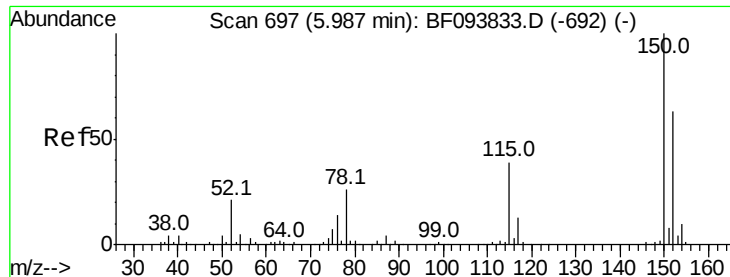
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093856.D

Acq: 23 Mar 2017 2:40

Instrument :

BNA_F

ClientSampleId :

EFF-170321-03

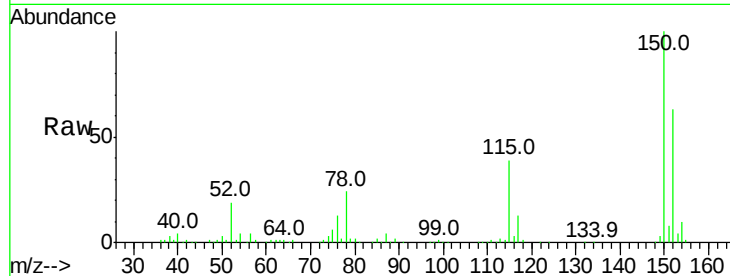
Tot Ion:152 Resp: 188757

Ion Ratio Lower Upper

152 100

150 157.5 126.2 189.2

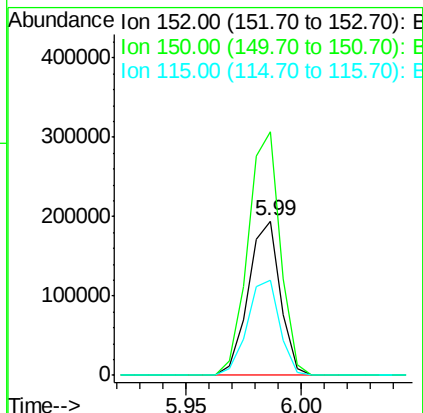
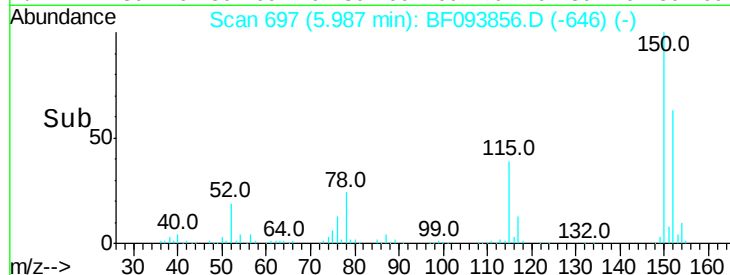
115 61.4 52.2 78.2



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: 44.67 ng

RT: 4.50 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF093856.D

Acq: 23 Mar 2017 2:40

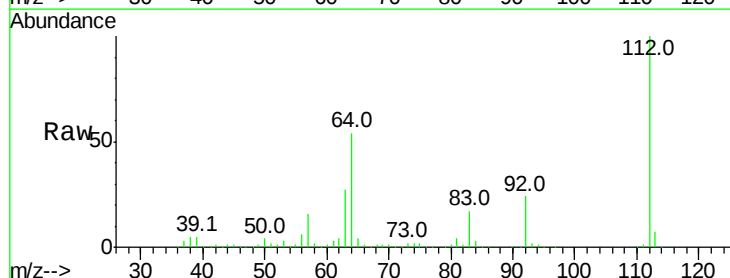
Tgt Ion:112 Resp: 499222

Ion Ratio Lower Upper

112 100

64 53.7 46.0 69.0

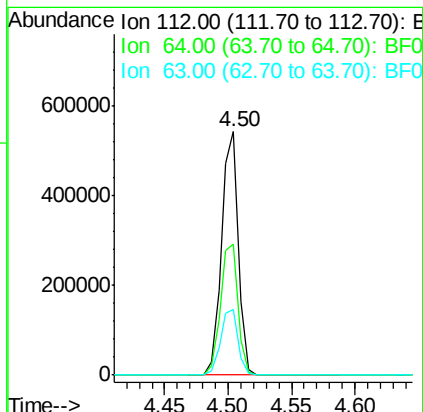
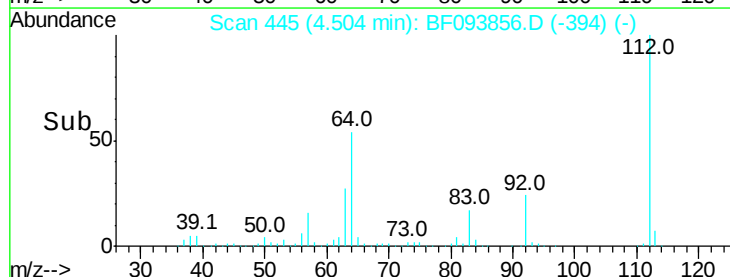
63 26.9 23.4 35.0



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: 30.53 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093856.D

Acq: 23 Mar 2017 2:40

Instrument :

BNA_F

ClientSampleId :

EFF-170321-03

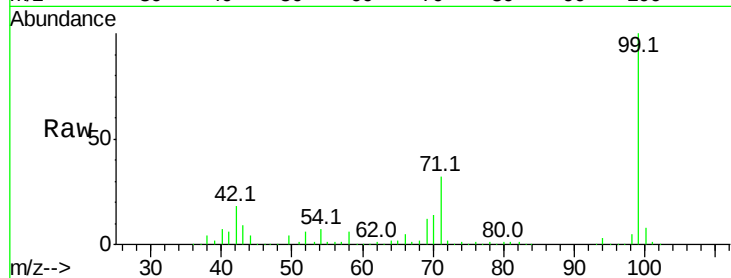
Tot Ion: 99 Resp: 422117

Ion Ratio Lower Upper

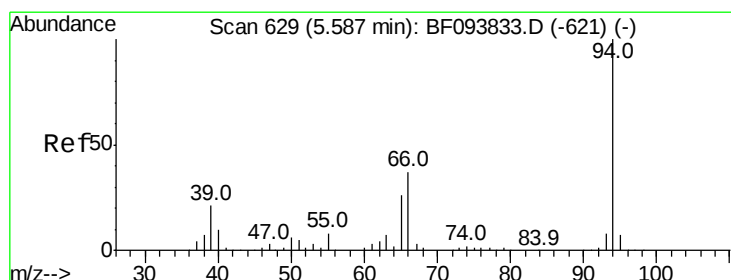
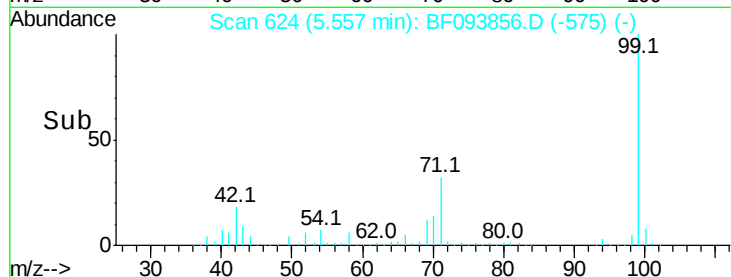
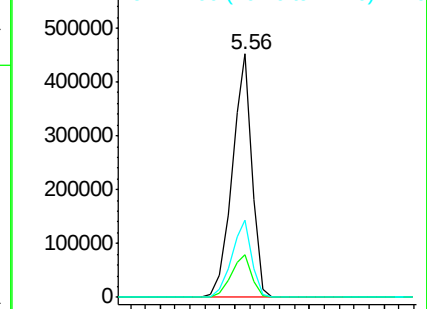
99 100

42 17.6 13.5 20.3

71 31.6 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: 9.01 ng

RT: 5.57 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF093856.D

Acq: 23 Mar 2017 2:40

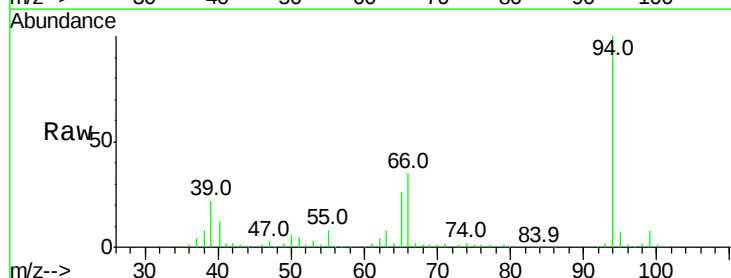
Tgt Ion: 94 Resp: 141734

Ion Ratio Lower Upper

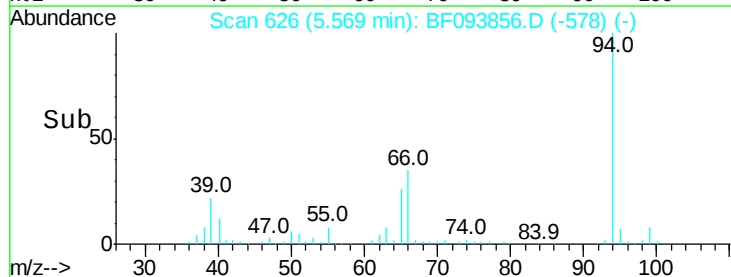
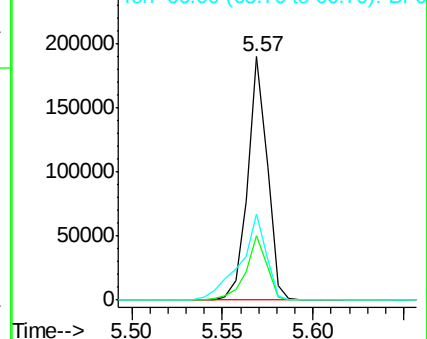
94 100

65 26.5 9.9 49.9

66 35.4 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

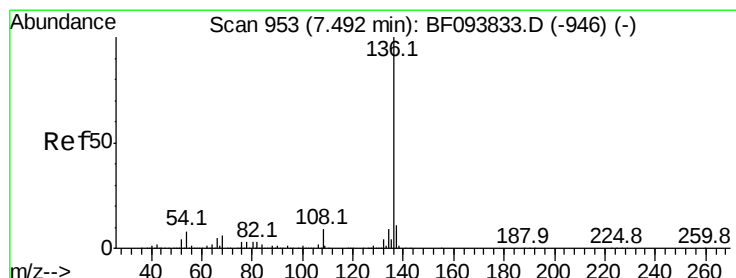
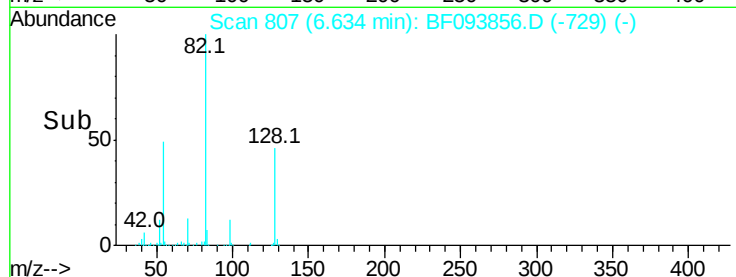
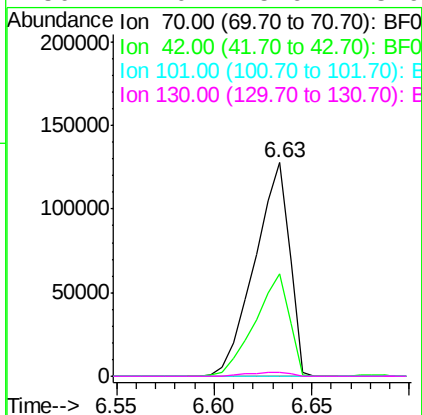
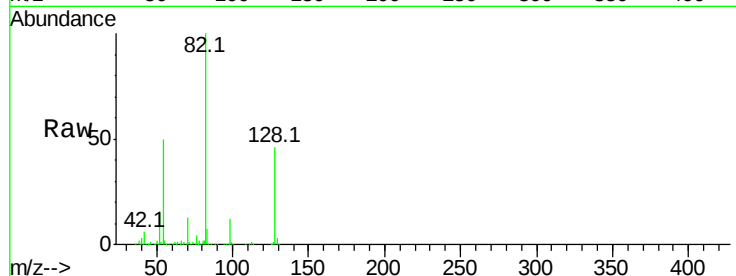




#19
n-Nitroso-di-n-propylamine
Concen: 17.84 ng
RT: 6.63 min Scan# 807
Delta R.T. 0.16 min
Lab File: BF093856.D
Acq: 23 Mar 2017 2:40

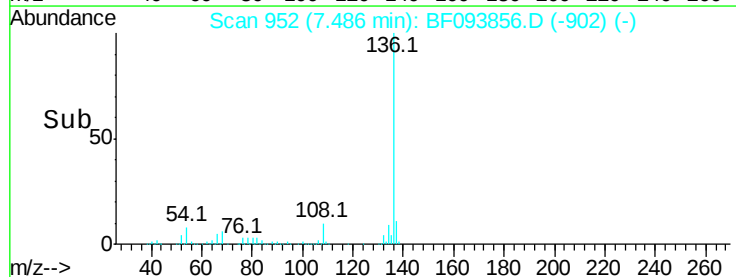
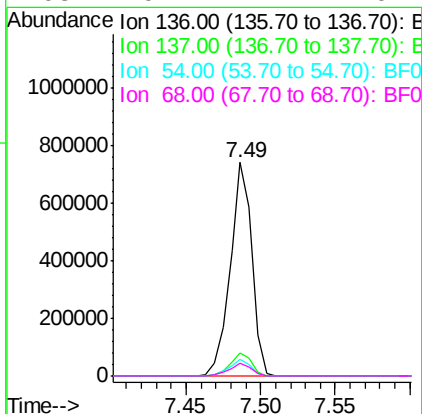
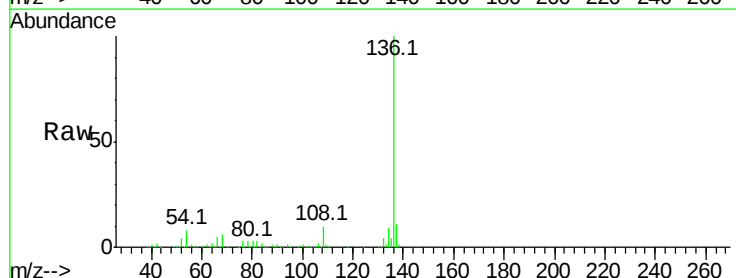
Instrument :
BNA_F
ClientSampleId :
EFF-170321-03

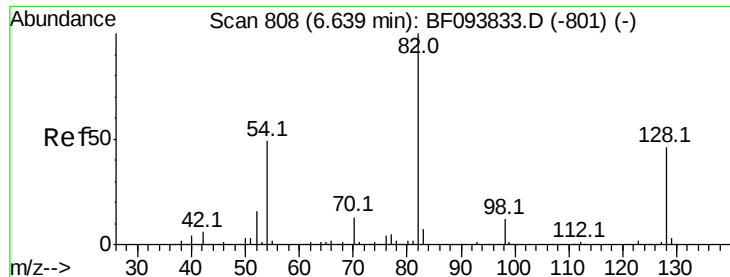
Tot Ion: 70 Resp: 158501
Ion Ratio Lower Upper
70 100
42 47.8 47.2 70.8
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.49 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF093856.D
Acq: 23 Mar 2017 2:40

Tgt Ion: 136 Resp: 757503
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 7.8 4.9 7.3#
68 6.1 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 90.70 ng

RT: 6.63 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF093856.D

Acq: 23 Mar 2017 2:40

Instrument :

BNA_F

ClientSampleId :

EFF-170321-03

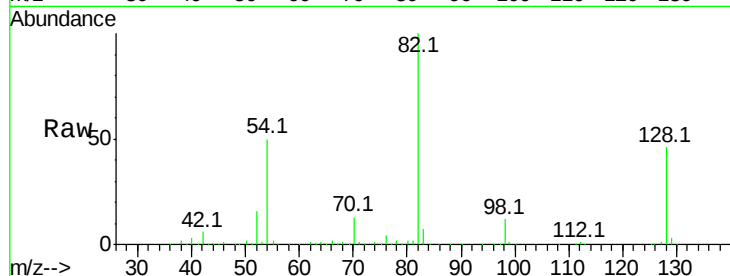
Tot Ion: 82 Resp: 1203892

Ion Ratio Lower Upper

82 100

128 46.2 34.0 51.0

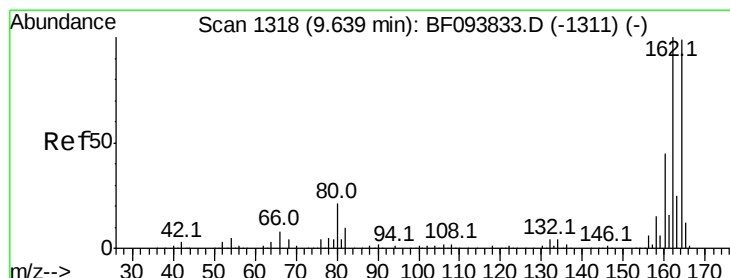
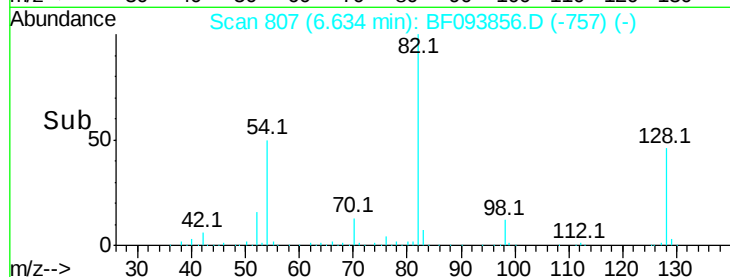
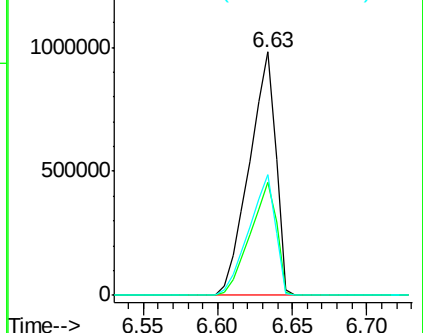
54 49.6 42.2 63.2



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: BF093856.D

Acq: 23 Mar 2017 2:40

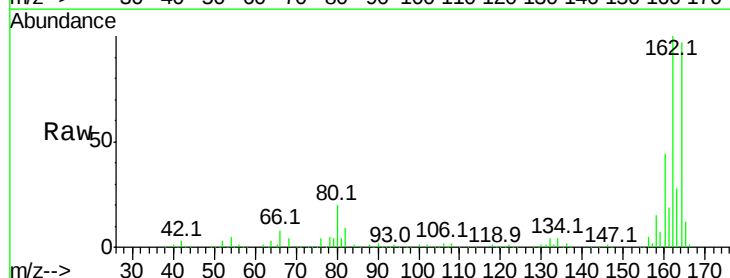
Tgt Ion:164 Resp: 350991

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

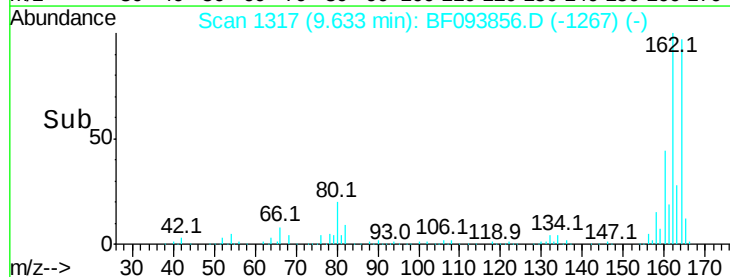
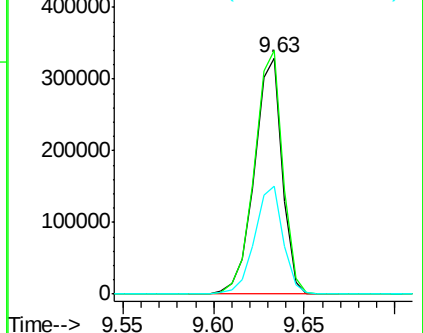
160 45.6 36.2 54.2



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

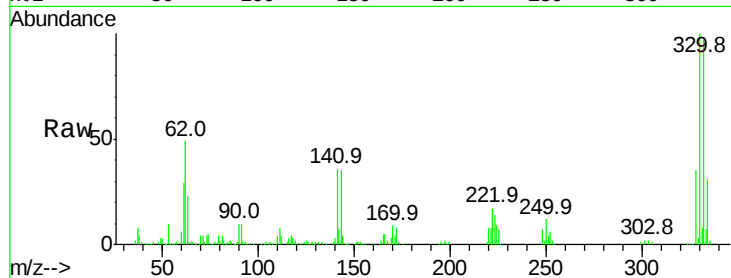




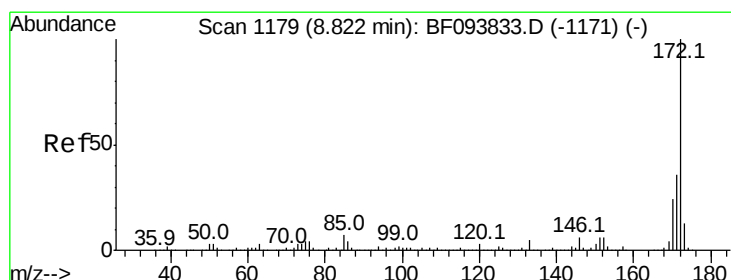
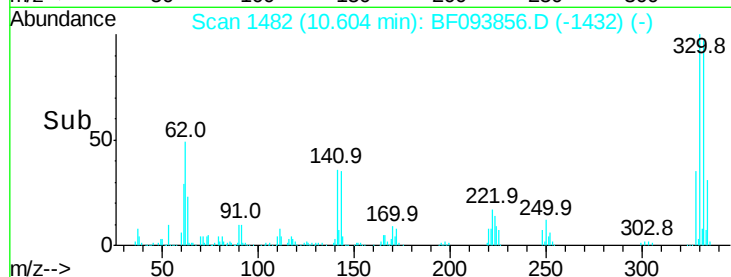
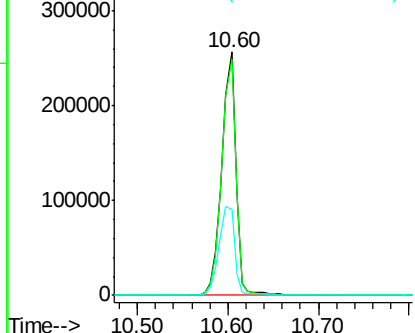
#41
 2,4,6-Tribromophenol
 Concen: 99.19 ng
 RT: 10.60 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF093856.D
 Acq: 23 Mar 2017 2:40

Instrument :
 BNA_F
 ClientSampleId :
 EFF-170321-03

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	115.0
141	41.2	31.4	47.2

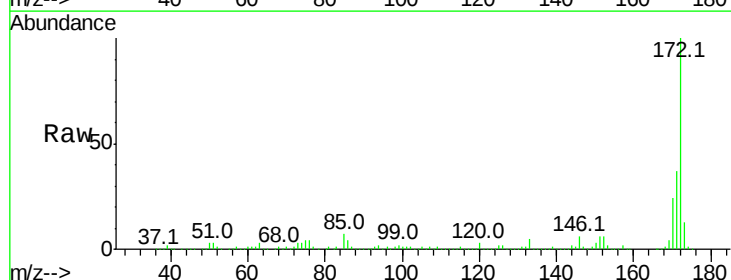


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

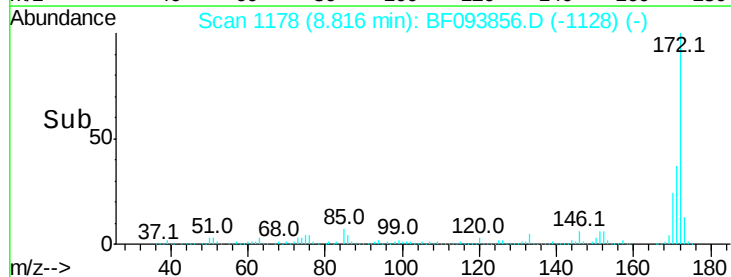
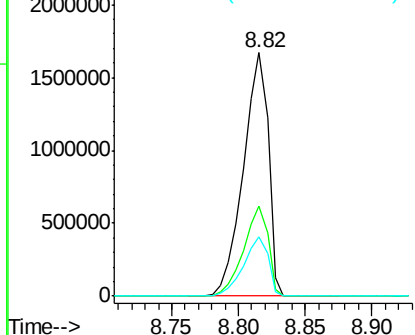


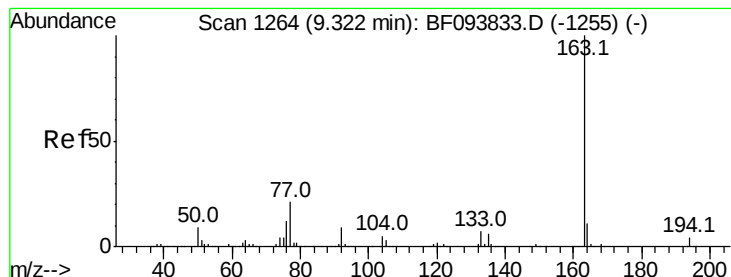
#44
 2-Fluorobiphenyl
 Concen: 93.39 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF093856.D
 Acq: 23 Mar 2017 2:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.3	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: 2.05 ng

RT: 9.30 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF093856.D

Acq: 23 Mar 2017 2:40

Instrument :

BNA_F

ClientSampleId :

EFF-170321-03

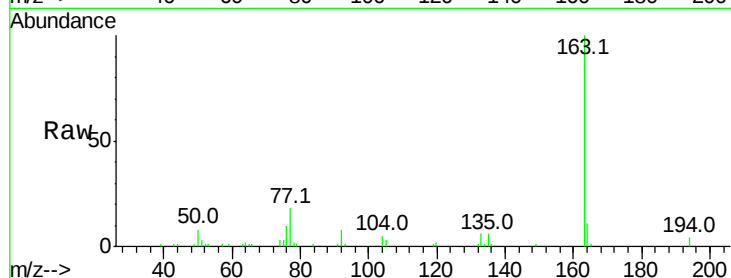
Tot Ion:163 Resp: 51141

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

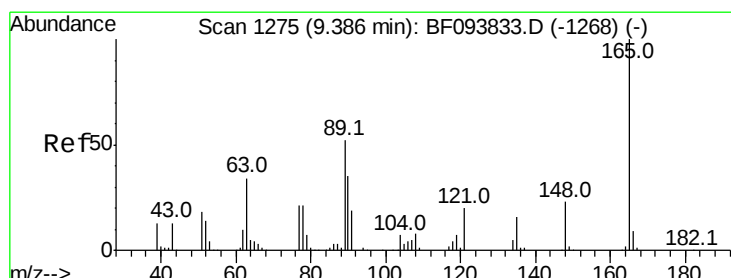
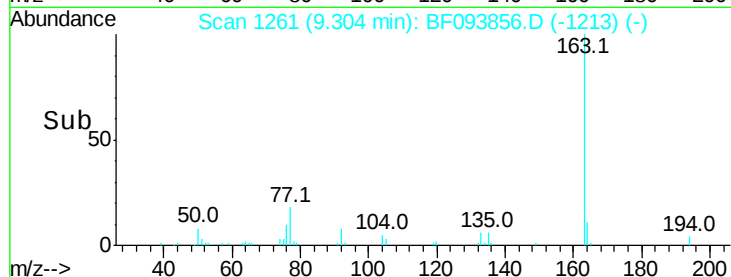
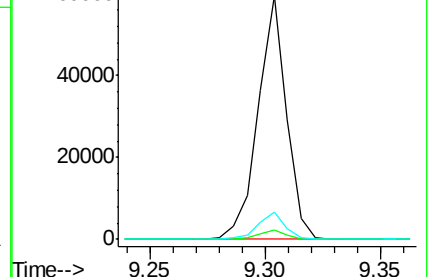
164 11.2 8.4 12.6



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: 7.76 ng

RT: 9.63 min Scan# 1317

Delta R.T. 0.25 min

Lab File: BF093856.D

Acq: 23 Mar 2017 2:40

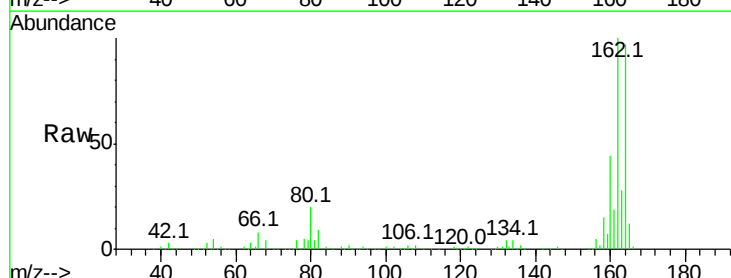
Tgt Ion:165 Resp: 44377

Ion Ratio Lower Upper

165 100

63 1.5 34.3 51.5#

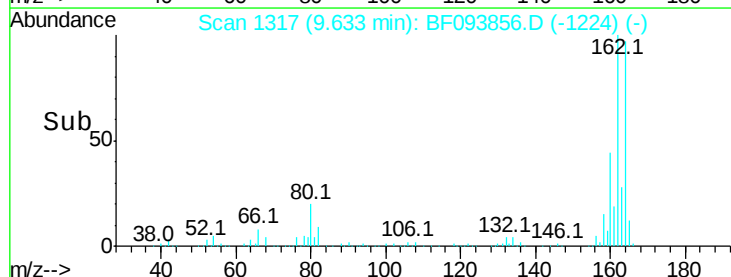
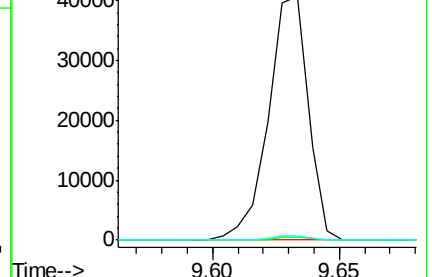
89 1.7 37.1 55.7#



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

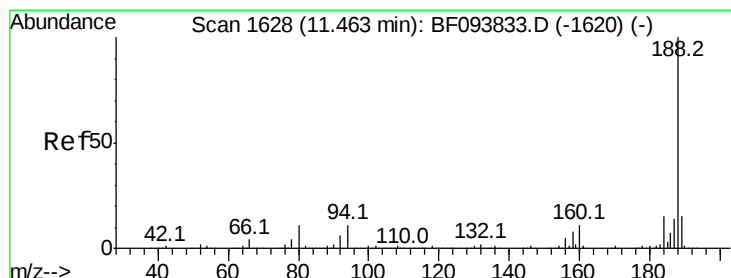
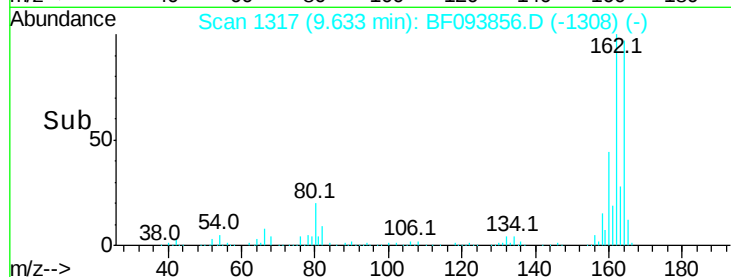
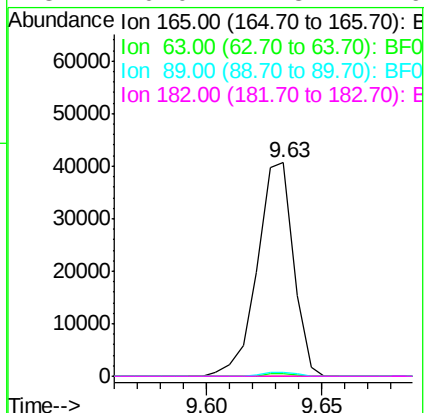
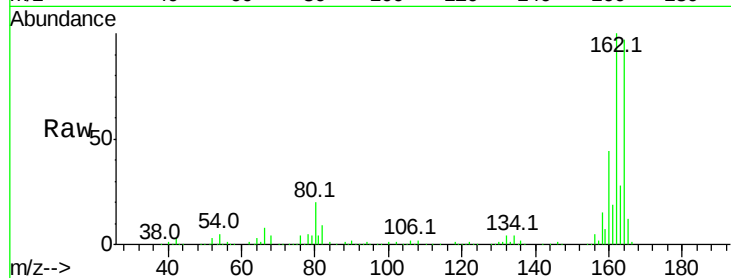




#56
 2,4-Dinitrotoluene
 Concen: 6.18 ng
 RT: 9.63 min Scan# 1317
 Delta R.T. -0.25 min
 Lab File: BF093856.D
 Acq: 23 Mar 2017 2:40

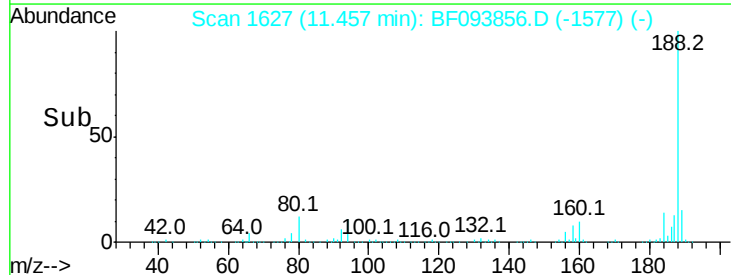
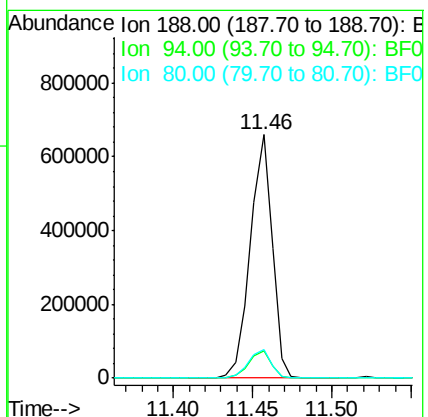
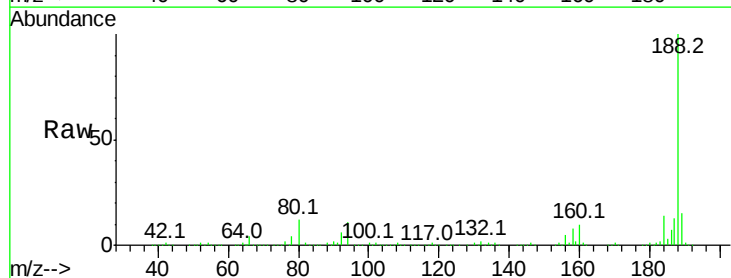
Instrument :
 BNA_F
 ClientSampleId :
 EFF-170321-03

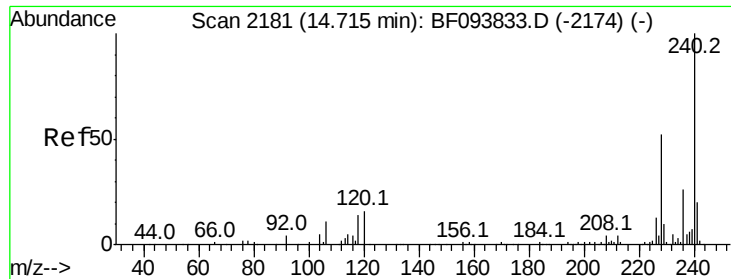
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BF093856.D
 Acq: 23 Mar 2017 2:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	11.6	10.2	15.2

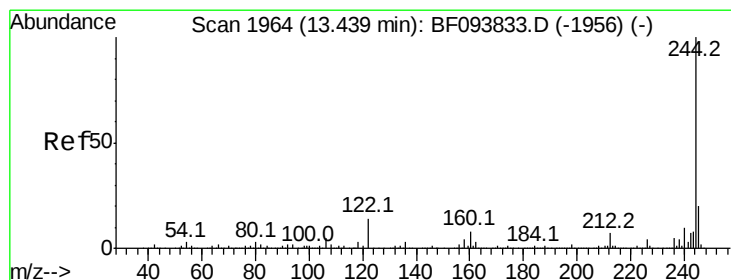
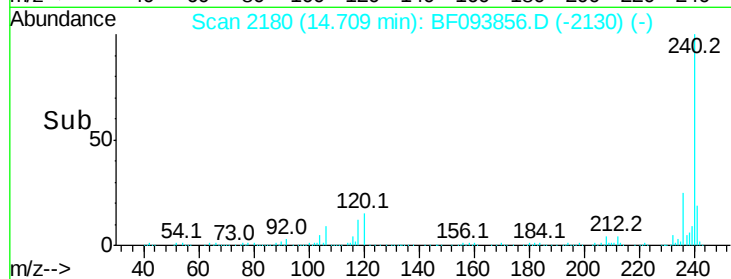
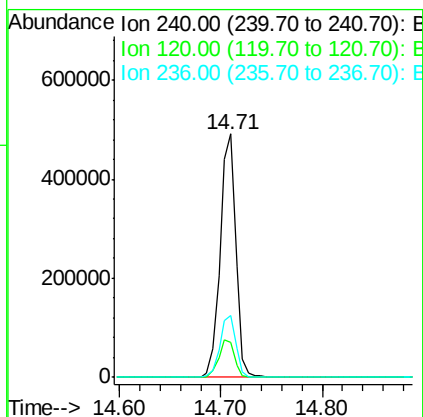
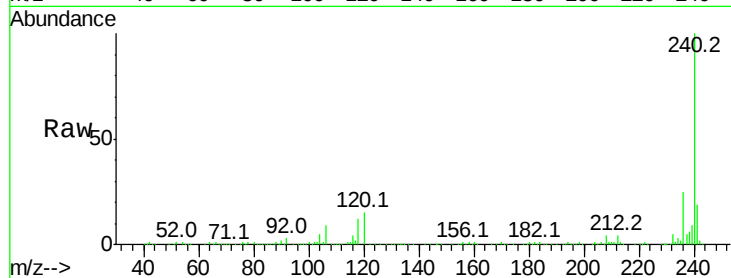




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.71 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BF093856.D
 Acq: 23 Mar 2017 2:40

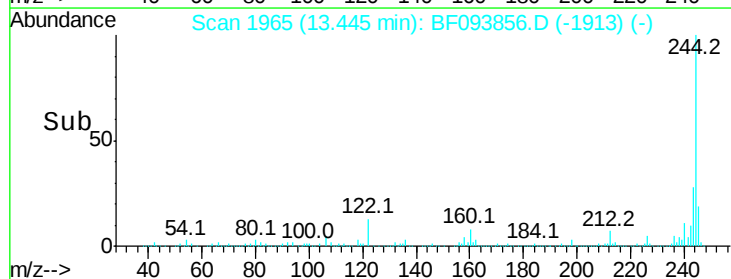
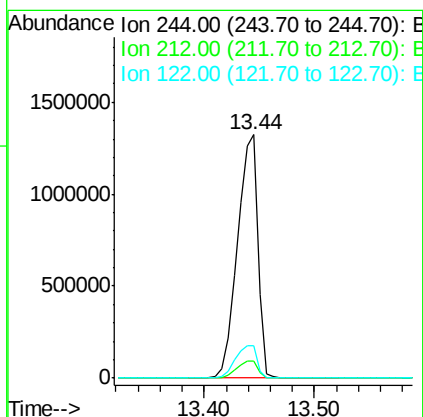
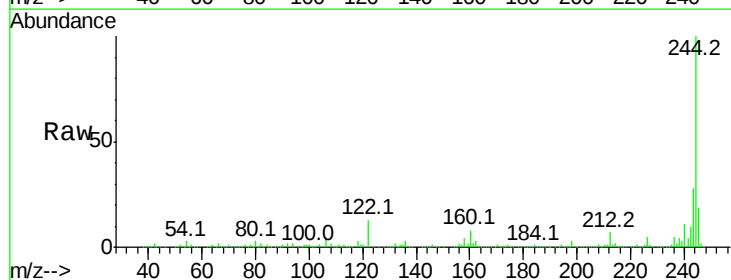
Instrument :
 BNA_F
 ClientSampleId :
 EFF-170321-03

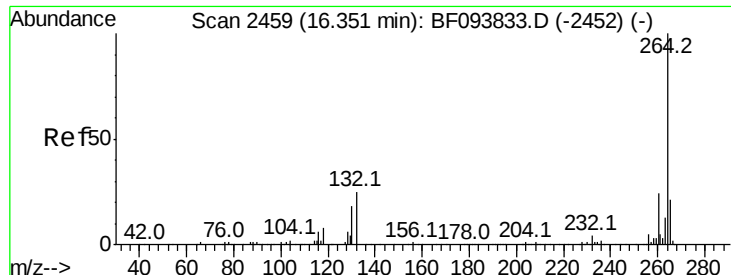
Tot Ion:240 Resp: 525712
 Ion Ratio Lower Upper
 240 100
 120 14.6 5.8 8.8#
 236 25.2 20.5 30.7



#78
 Terphenyl-d14
 Concen: 73.56 ng
 RT: 13.44 min Scan# 1965
 Delta R.T. 0.01 min
 Lab File: BF093856.D
 Acq: 23 Mar 2017 2:40

Tgt Ion:244 Resp: 1725158
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.1 10.3 15.5

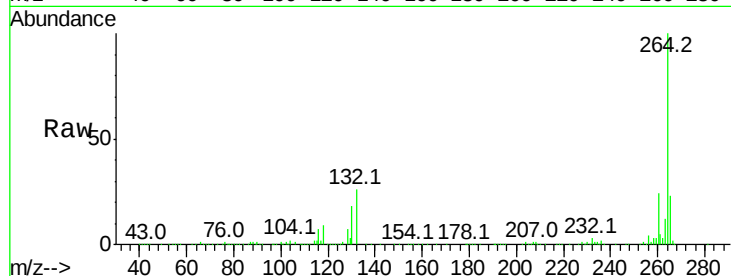




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.34 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BF093856.D
 Acq: 23 Mar 2017 2:40

Instrument :
 BNA_F
 ClientSampleId :
 EFF-170321-03

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.8	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

