

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 03:54:48 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

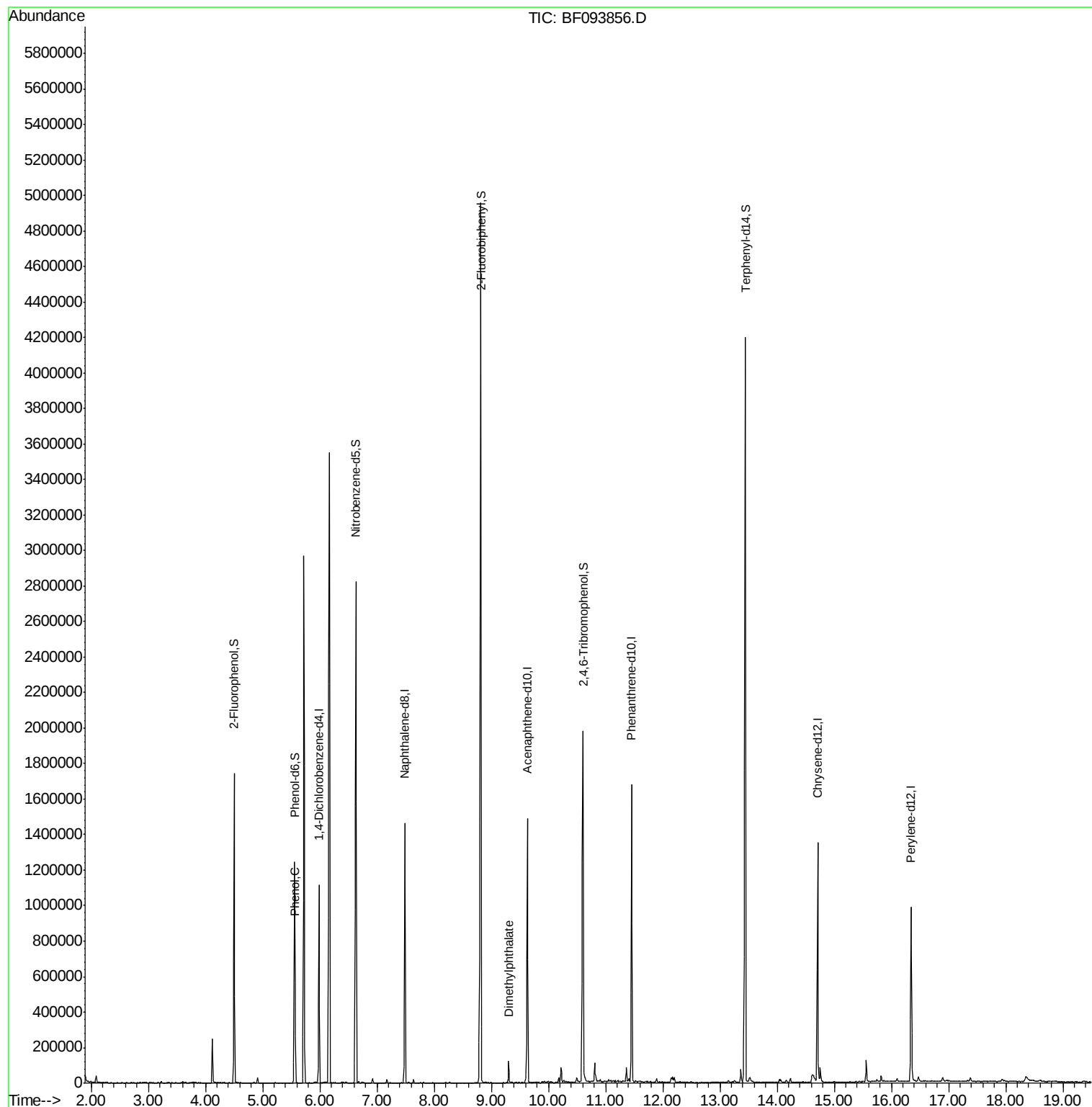
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	188757	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	757503	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	350991	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	634832	20.00	ng	0.00
75) Chrysene-d12	14.71	240	525712	20.00	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
49) Dimethylphthalate	9.30	163	51141	2.05	ng	98

(#) = 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

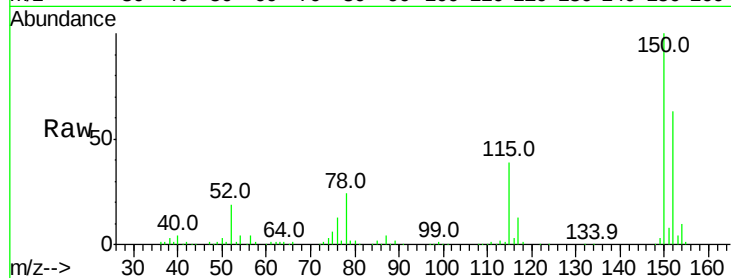
Tot Ion:152 Resp: 188757

Ion Ratio Lower Upper

152 100

150 157.5 126.2 189.2

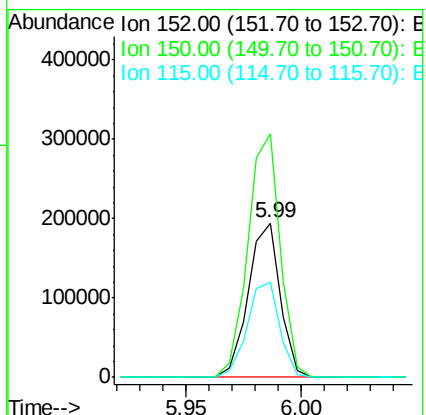
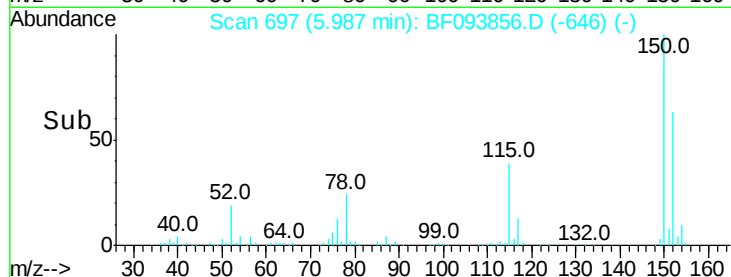
115 61.4 52.2 78.2



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

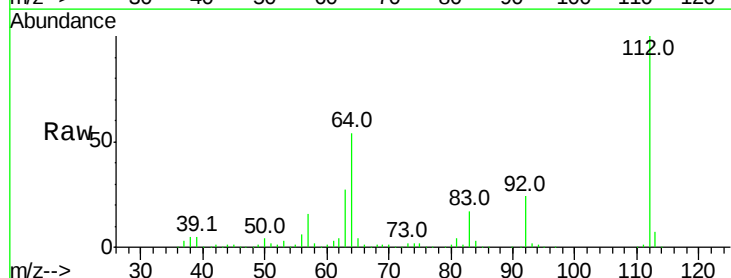
Tgt Ion:112 Resp: 499222

Ion Ratio Lower Upper

112 100

64 53.7 46.0 69.0

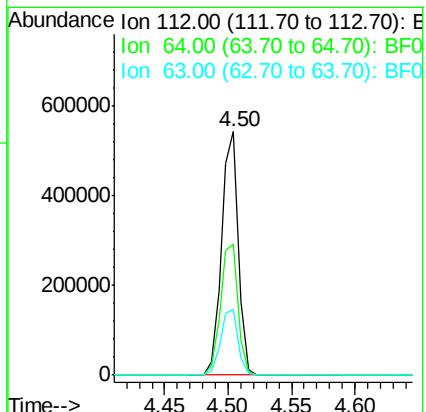
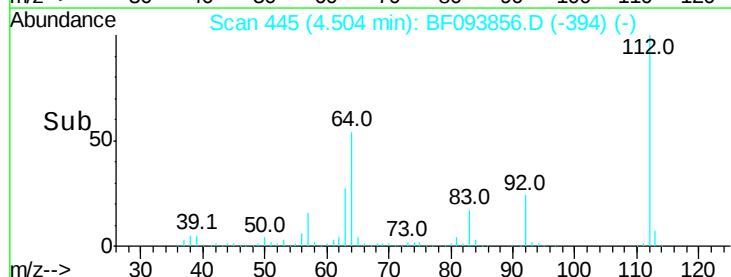
63 26.9 23.4 35.0



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

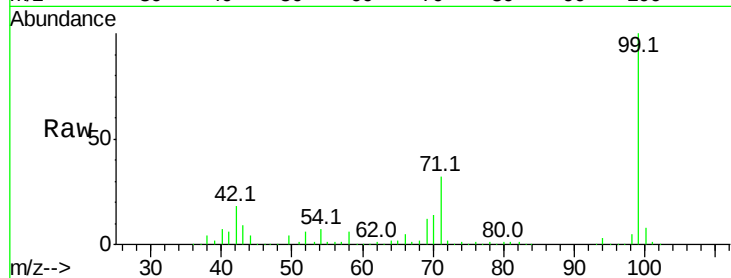
Tot Ion: 99 Resp: 422117

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.5	20.3
71	31.6	24.5	36.7

99 100

42 17.6 13.5 20.3

71 31.6 24.5 36.7

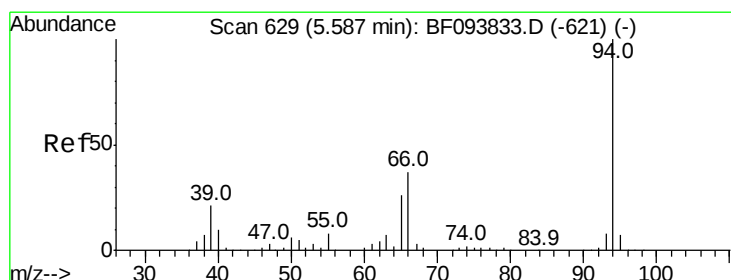
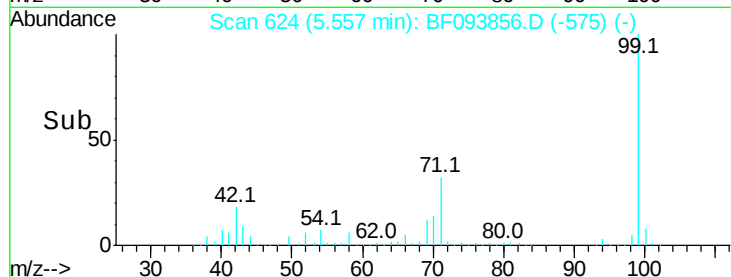
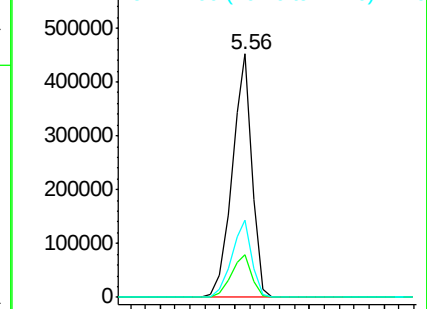


Abundance

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

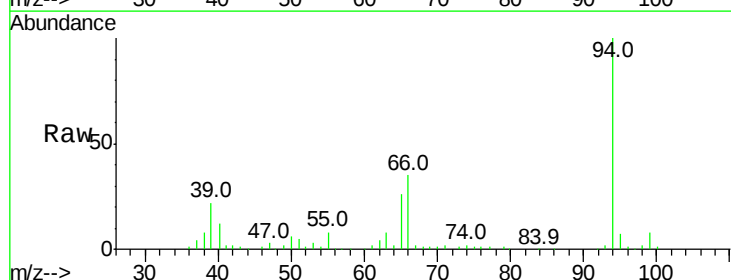
Tgt Ion: 94 Resp: 141734

Ion	Ratio	Lower	Upper
94	100		
65	26.5	9.9	49.9
66	35.4	23.1	63.1

94 100

65 26.5 9.9 49.9

66 35.4 23.1 63.1

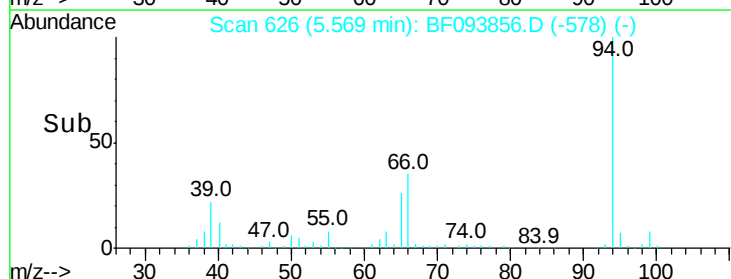
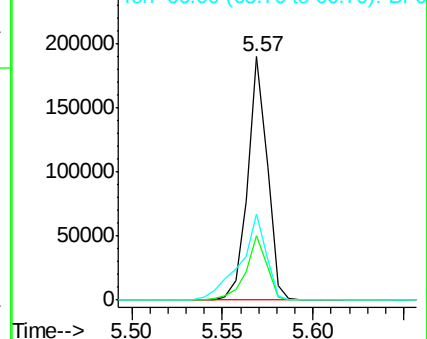


Abundance

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





#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

Instrument :

BNA_F

ClientSampleId :

EFF-170321-03

Tot Ion:136 Resp: 757503

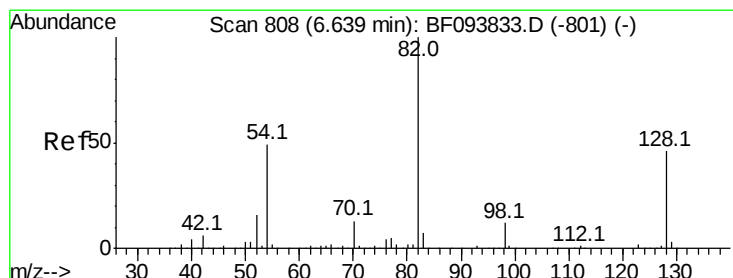
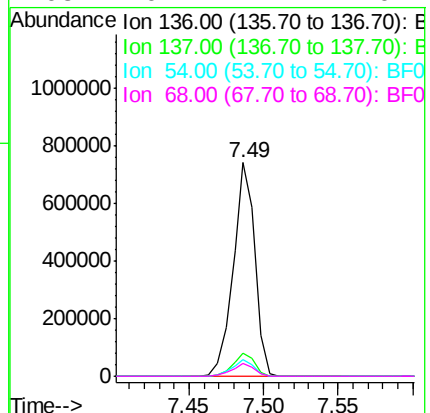
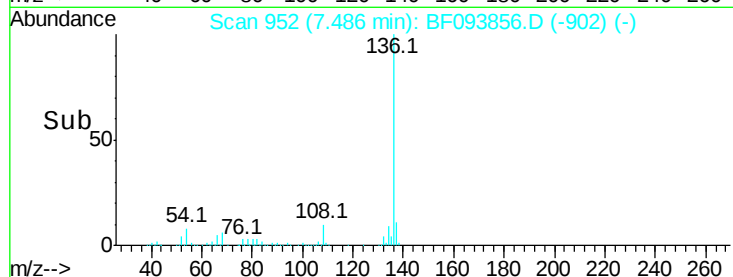
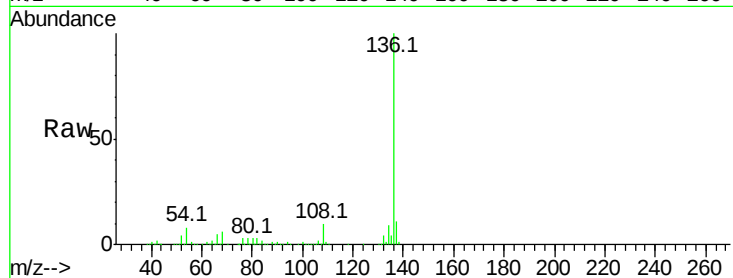
Ion Ratio Lower Upper

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

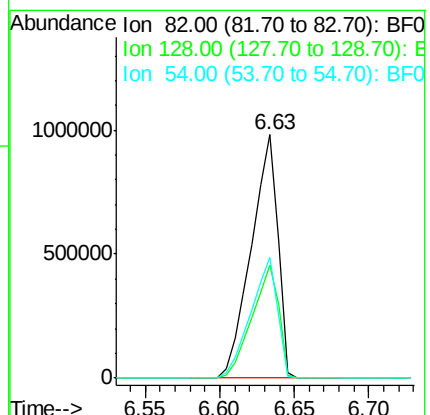
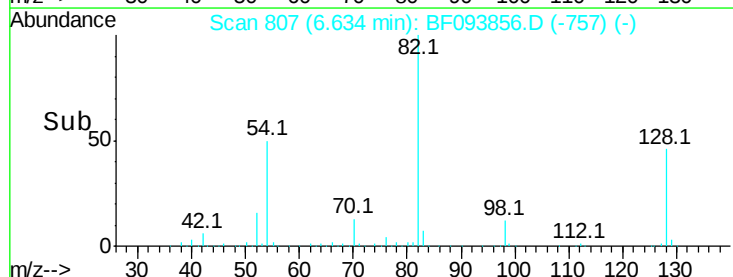
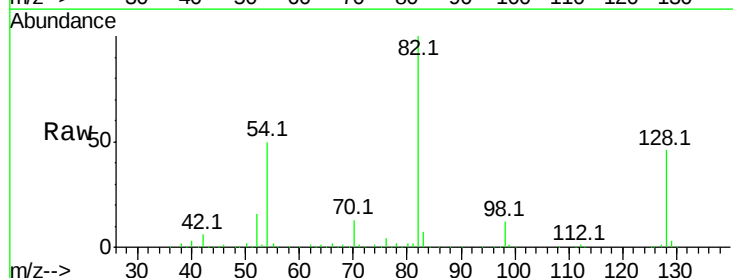
Tgt Ion: 82 Resp: 1203892

Ion Ratio Lower Upper

82 100

128 46.2 34.0 51.0

54 49.6 42.2 63.2

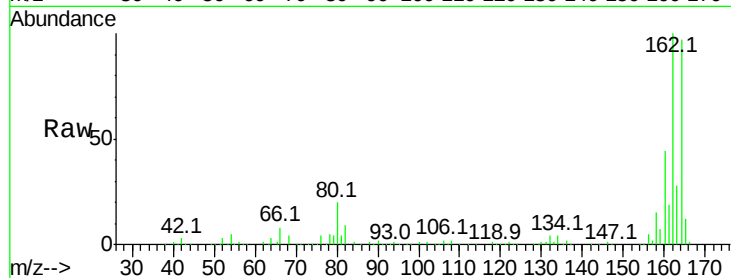




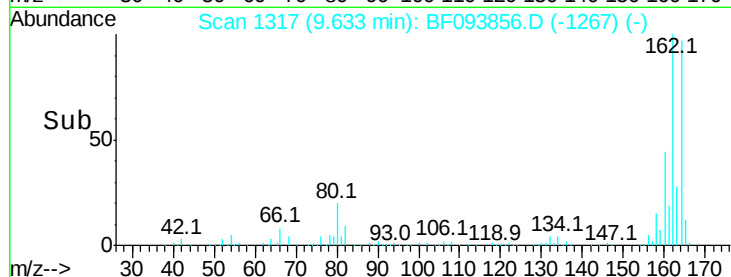
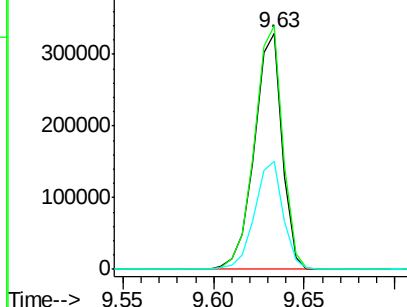
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF093856.D
Acq: 23 Mar 2017 2:40

Instrument :
BNA_F
ClientSampleId :
EFF-170321-03

Tot Ion:164 Resp: 350991
Ion Ratio Lower Upper
164 100
162 103.2 82.6 123.8
160 45.6 36.2 54.2

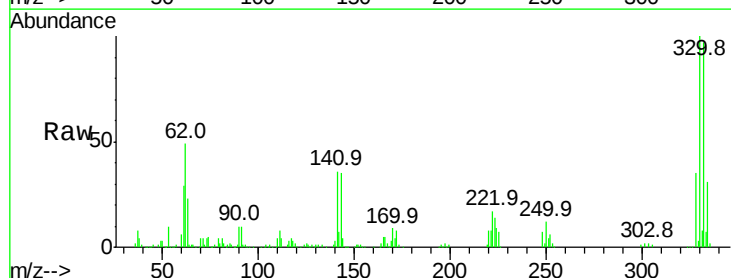


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

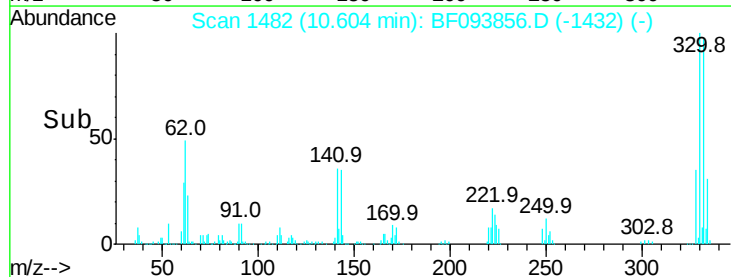
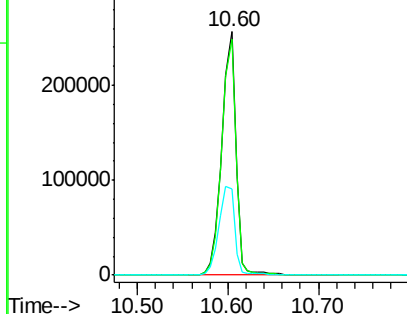


#41
2,4,6-Tribromophenol
Concen: 99.19 ng
RT: 10.60 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF093856.D
Acq: 23 Mar 2017 2:40

Tgt Ion:330 Resp: 275117
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

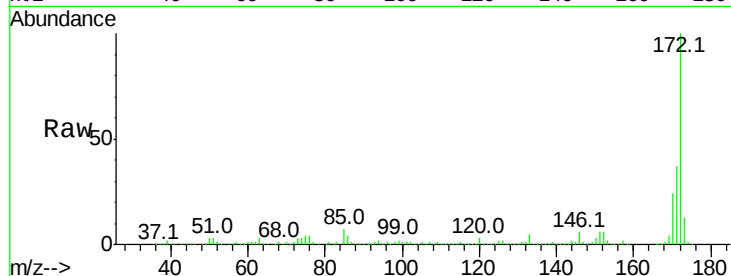




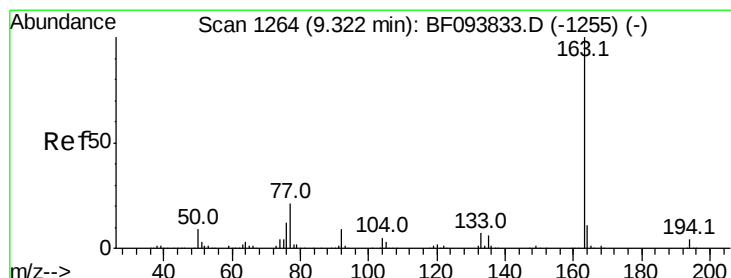
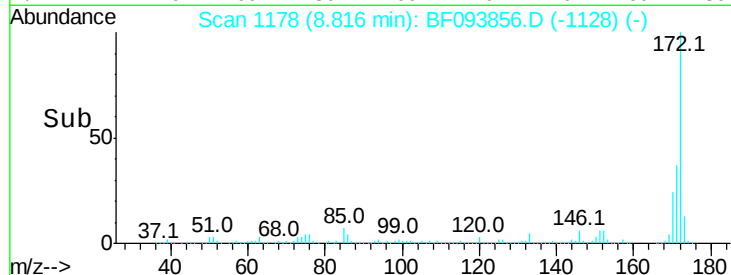
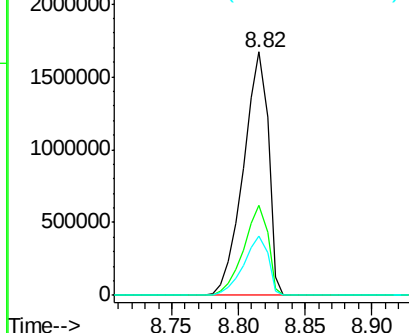
#44
2-Fluorobiphenyl
Concen: 93.39 ng
RT: 8.82 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF093856.D
Acq: 23 Mar 2017 2:40

Instrument :
BNA_F
ClientSampleId :
EFF-170321-03

Tot Ion:172 Resp: 2149119
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 24.3 19.8 29.8

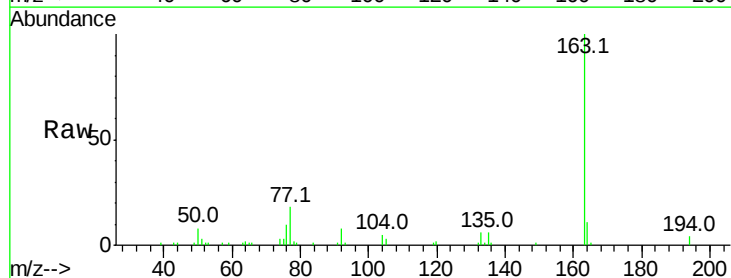


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

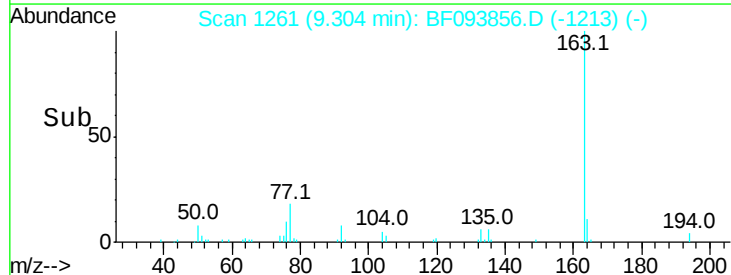
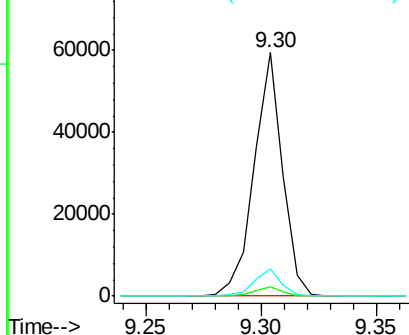


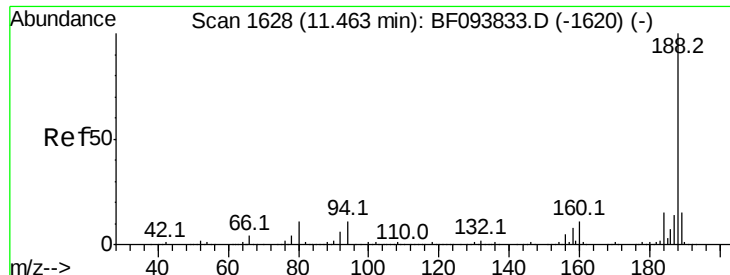
#49
Dimethylphthalate
Concen: 2.05 ng
RT: 9.30 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF093856.D
Acq: 23 Mar 2017 2:40

Tgt 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

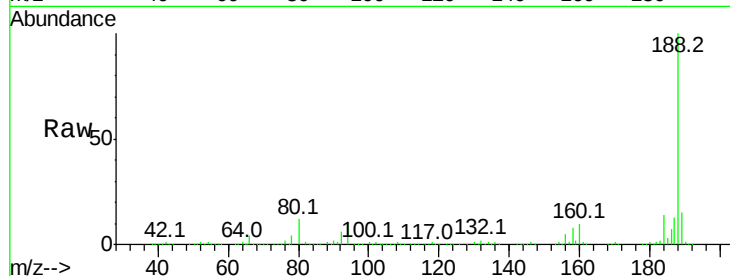




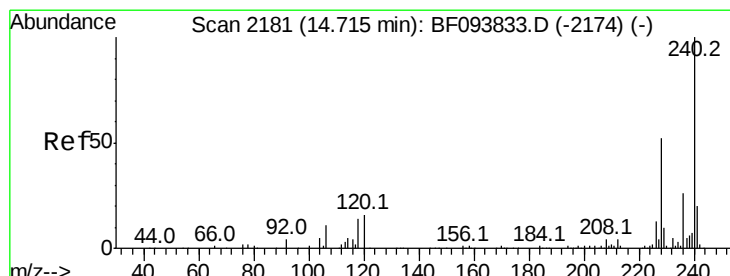
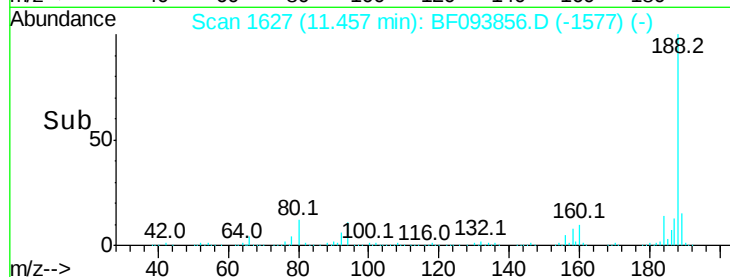
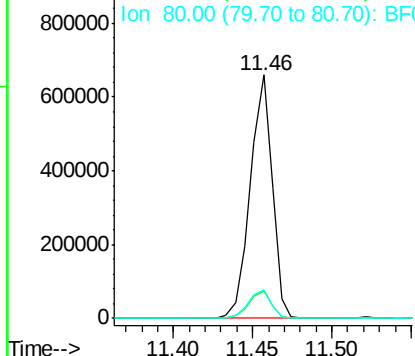
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BF093856.D
Acq: 23 Mar 2017 2:40

Instrument :
BNA_F
ClientSampleId :
EFF-170321-03

Tot Ion:188 Resp: 634832
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.6 10.2 15.2

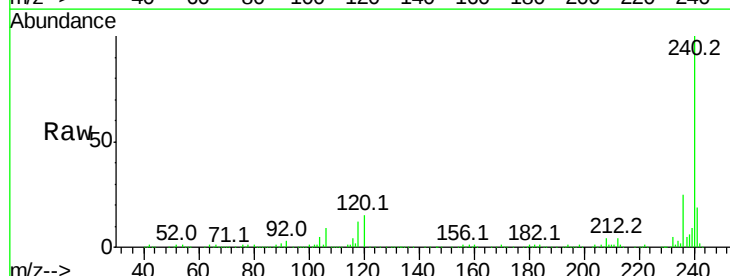


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

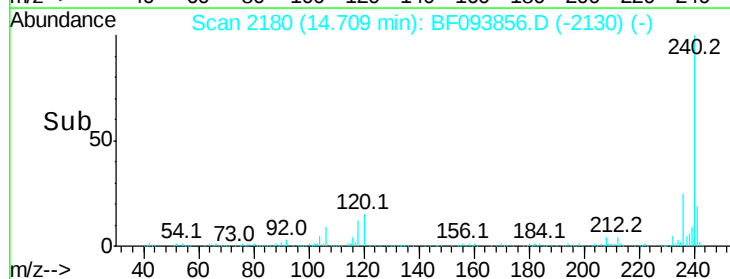
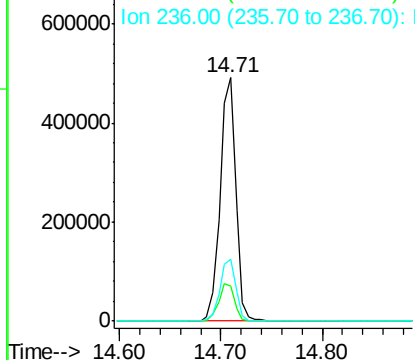


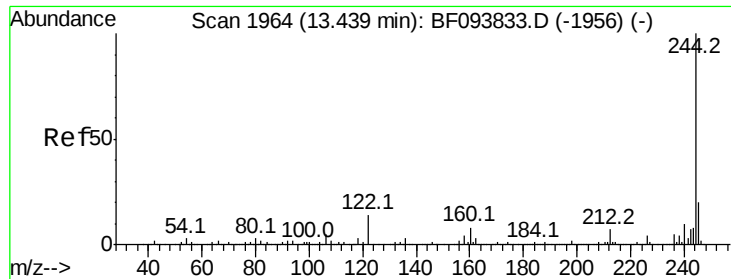
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.71 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF093856.D
Acq: 23 Mar 2017 2:40

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

Instrument :

BNA_F

ClientSampleId :

EFF-170321-03

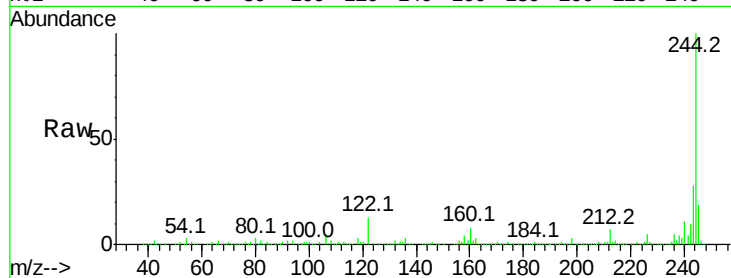
Tot Ion:244 Resp: 1725158

Ion Ratio Lower Upper

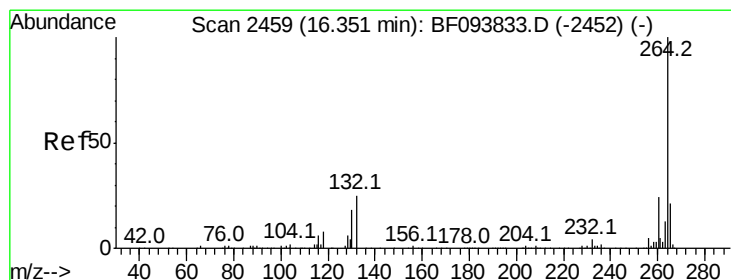
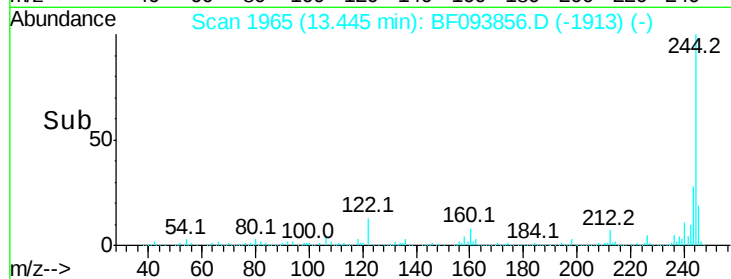
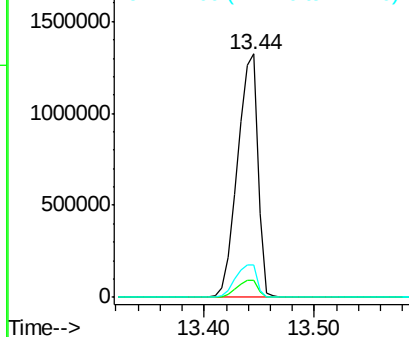
244 100

212 7.2 6.0 9.0

122 13.1 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: 16.34 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BF093856.D

Acq: 23 Mar 2017 2:40

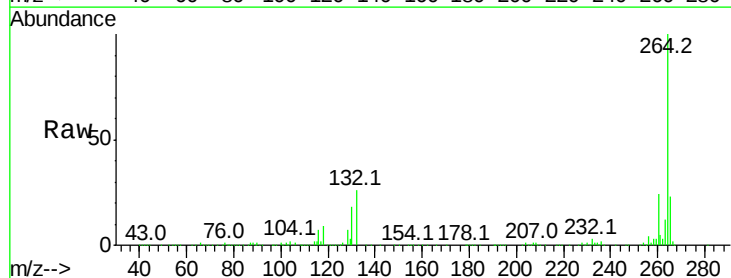
Tgt Ion:264 Resp: 410246

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

