

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093859.D
 Acq On : 23 Mar 2017 4:02
 Operator : SJ/MA
 Sample : I2337-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-V6-BASE

Quant Time: Mar 23 06:47:46 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

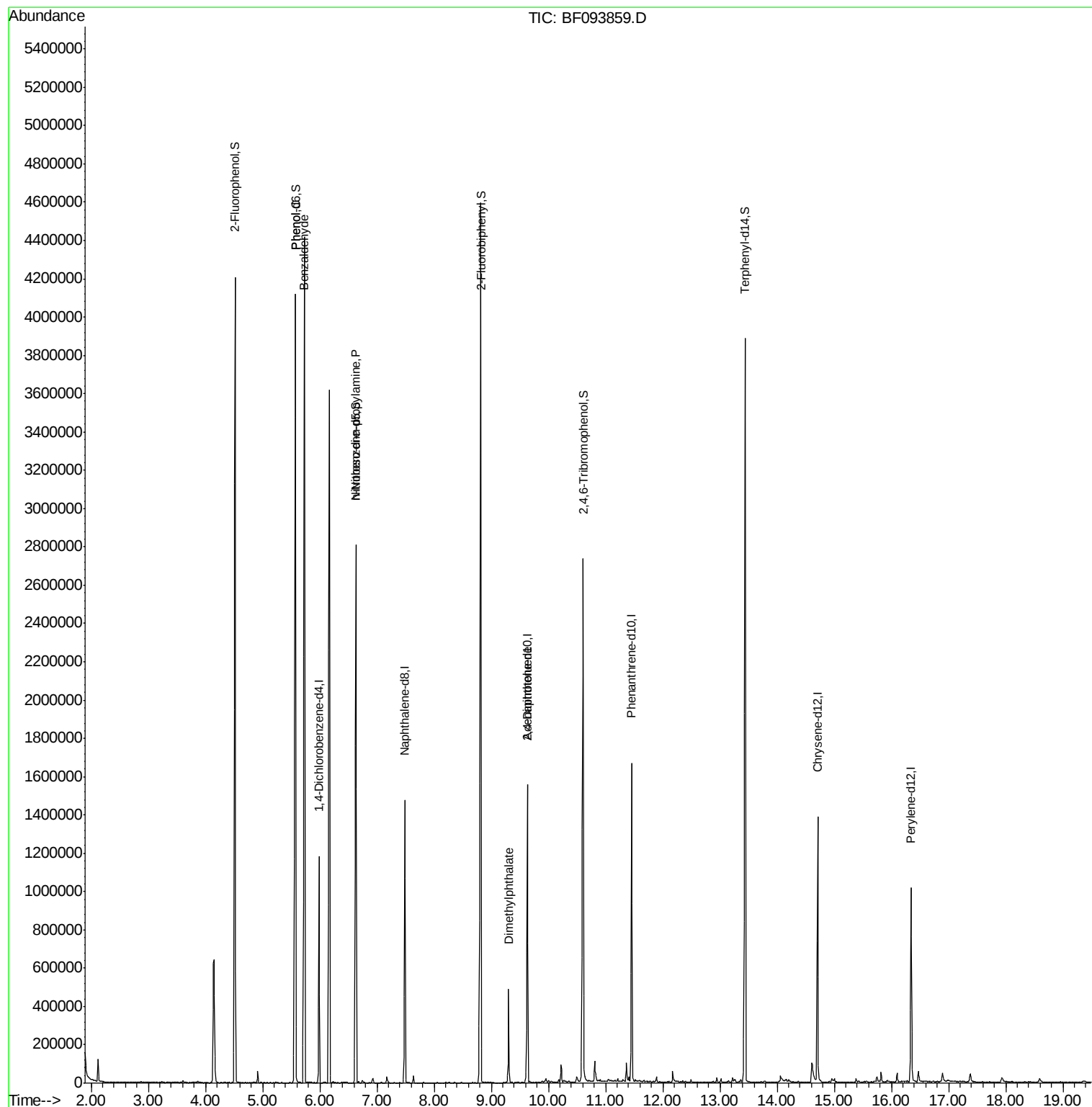
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	193935	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	788651	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	368373	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	657721	20.00	ng	0.00
75) Chrysene-d12	14.71	240	555617	20.00	ng	0.00
86) Perylene-d12	16.34	264	418806	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.52	112	1572039	136.91	ng	0.02
7) Phenol-d6	5.57	99	2021268	142.30	ng	0.00
23) Nitrobenzene-d5	6.63	82	1260803	91.23	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	430829	148.00	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	2014947	83.43	ng	0.00
78) Terphenyl-d14	13.44	244	1641033	66.20	ng	0.00
Target Compounds						
9) Benzaldehyde	5.73	77	35855	3.74	ng	Qvalue 82
10) Phenol	5.58	94	85108	5.27	ng	86
19) n-Nitroso-di-n-propylamine	6.63	70	167699	18.37	ng	# 79
49) Dimethylphthalate	9.30	163	209902	8.02	ng	99
56) 2,4-Dinitrotoluene	9.63	165	47443	6.29	ng	# 34

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

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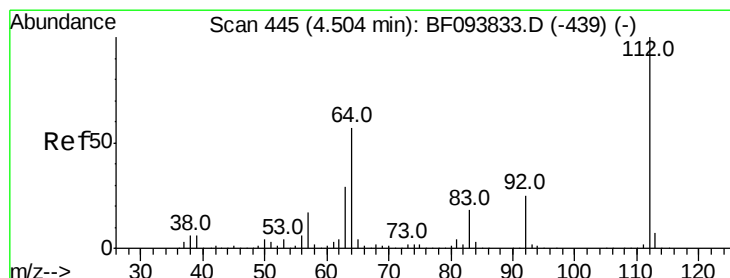
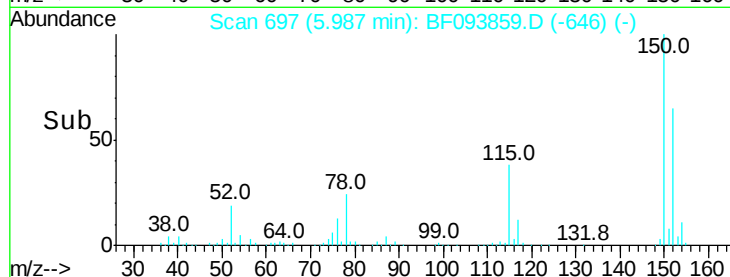
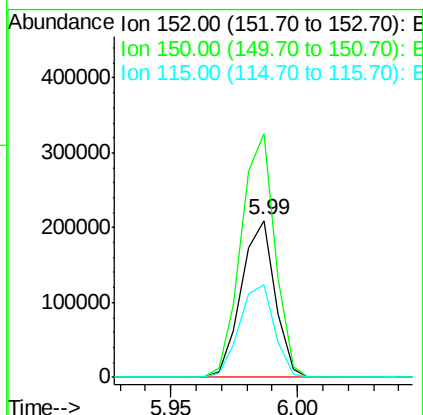
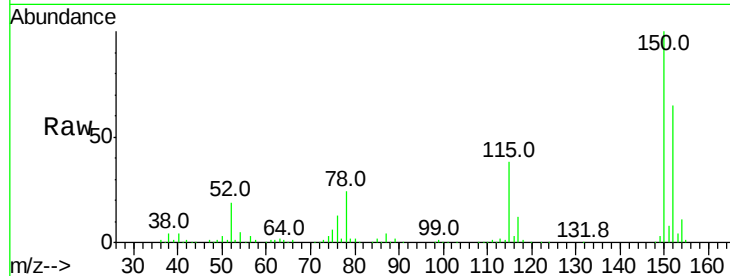


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.99 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF093859.D
Acq: 23 Mar 2017 4:02

Instrument :
BNA_F
ClientSampleId :
E2-V6-BASE

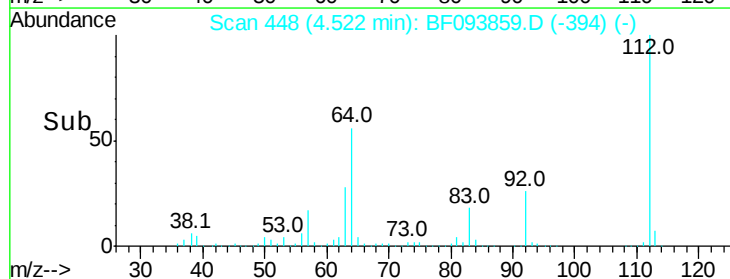
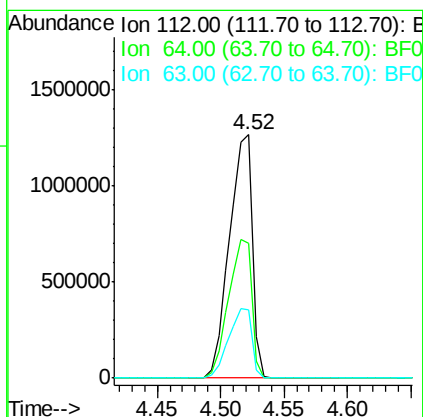
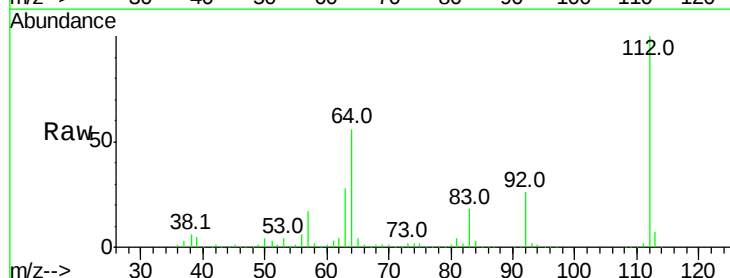
Tot Ion:152 Resp: 193935
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 58.8 52.2 78.2



#5

2-Fluorophenol
Concen: 136.91 ng
RT: 4.52 min Scan# 448
Delta R.T. 0.02 min
Lab File: BF093859.D
Acq: 23 Mar 2017 4:02

Tgt Ion:112 Resp: 1572039
Ion Ratio Lower Upper
112 100
64 55.5 46.0 69.0
63 28.2 23.4 35.0





#7

Phenol-d6

Concen: 142.30 ng

RT: 5.57 min Scan# 627

Delta R.T. 0.01 min

Lab File: BF093859.D

Acq: 23 Mar 2017 4:02

Instrument :

BNA_F

ClientSampleId :

E2-V6-BASE

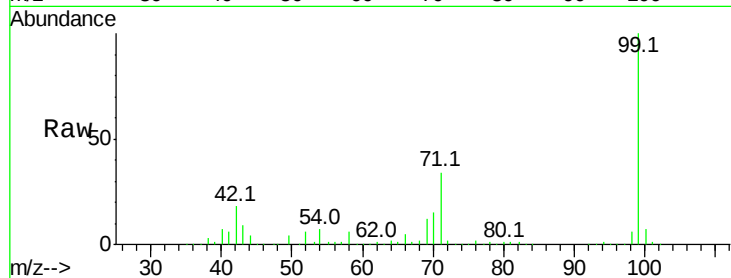
Tot Ion: 99 Resp: 2021268

Ion Ratio Lower Upper

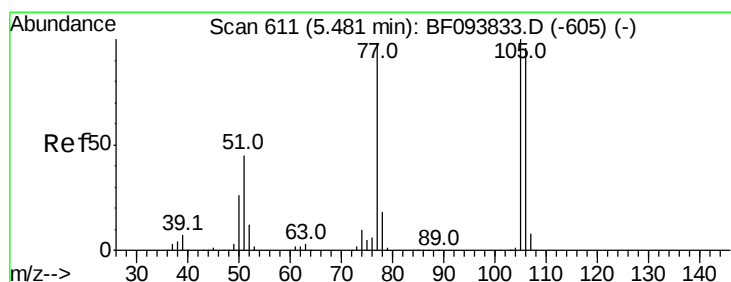
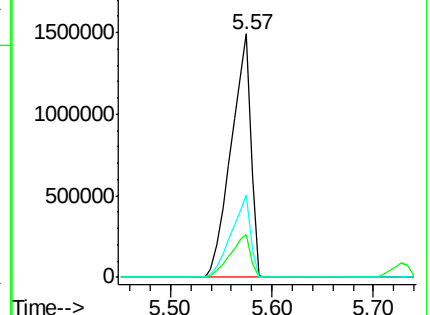
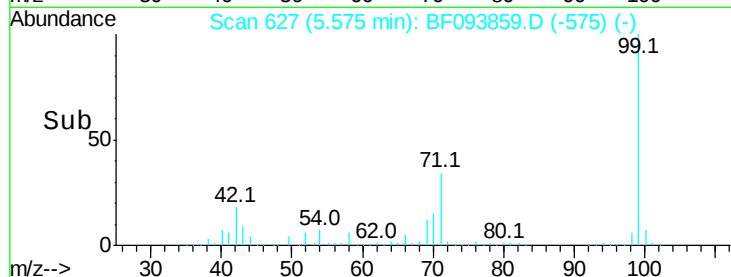
99 100

42 17.7 13.5 20.3

71 34.0 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: 3.74 ng

RT: 5.73 min Scan# 653

Delta R.T. 0.25 min

Lab File: BF093859.D

Acq: 23 Mar 2017 4:02

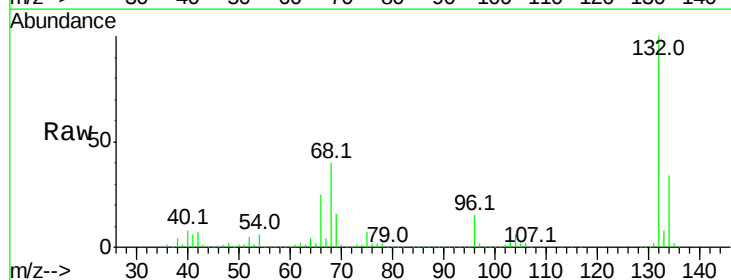
Tgt Ion: 77 Resp: 35855

Ion Ratio Lower Upper

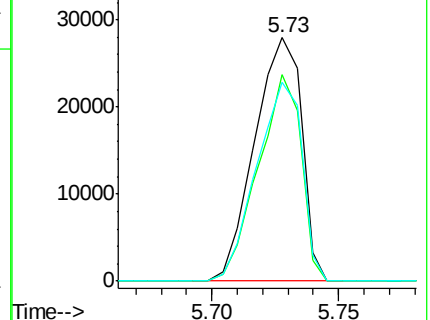
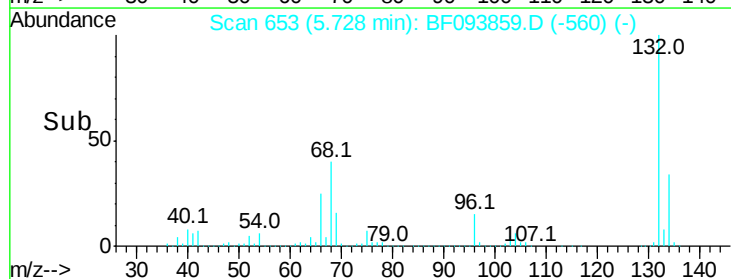
77 100

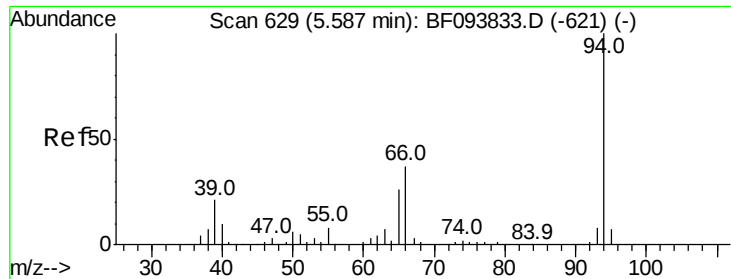
105 84.9 83.8 123.8

106 81.6 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





#10

Phenol

Concen: 5.27 ng

RT: 5.58 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF093859.D

Acq: 23 Mar 2017 4:02

Instrument :

BNA_F

ClientSampled :

E2-V6-BASE

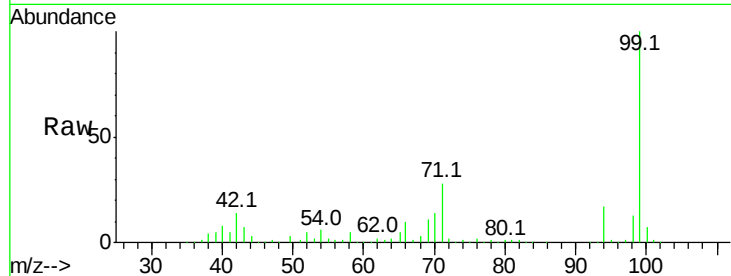
Tot Ion: 94 Resp: 85108

Ion Ratio Lower Upper

94 100

65 31.4 9.9 49.9

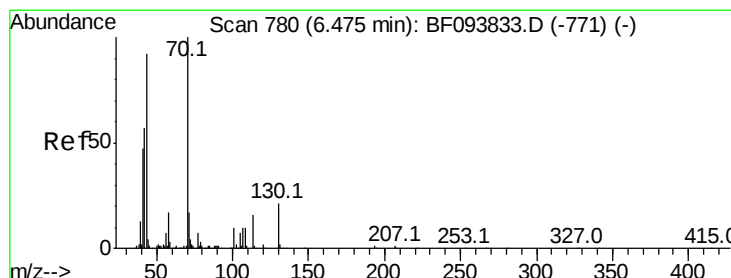
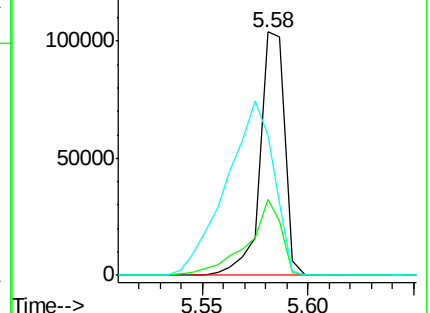
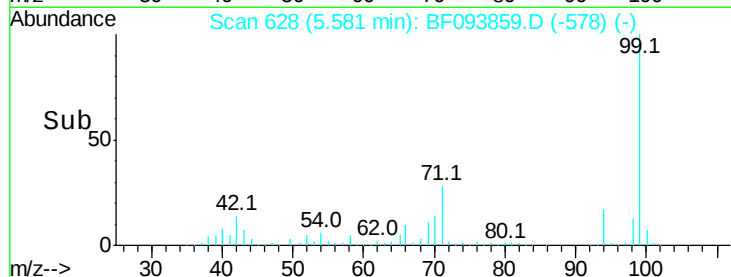
66 57.4 23.1 63.1



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: 18.37 ng

RT: 6.63 min Scan# 807

Delta R.T. 0.16 min

Lab File: BF093859.D

Acq: 23 Mar 2017 4:02

Tgt Ion: 70 Resp: 167699

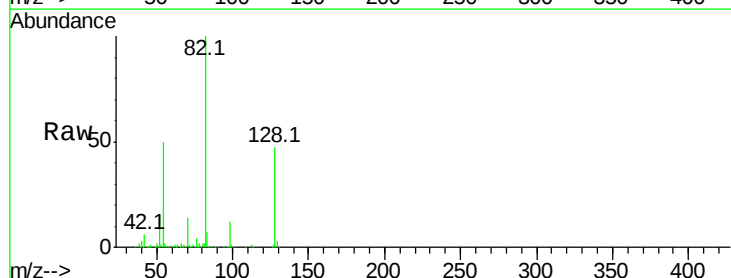
Ion Ratio Lower Upper

70 100

42 47.8 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

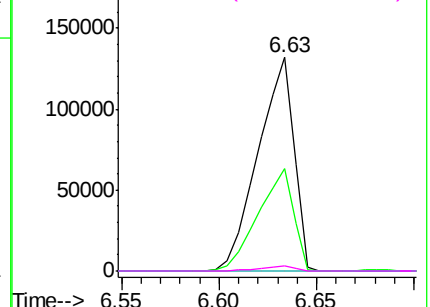
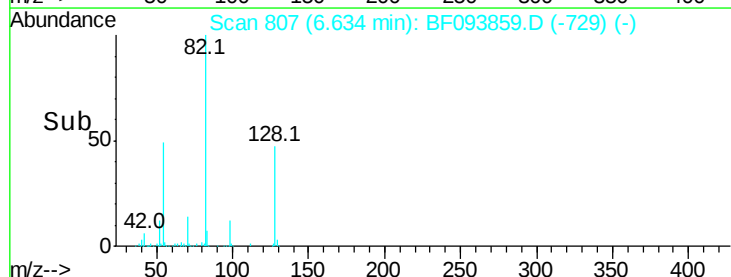


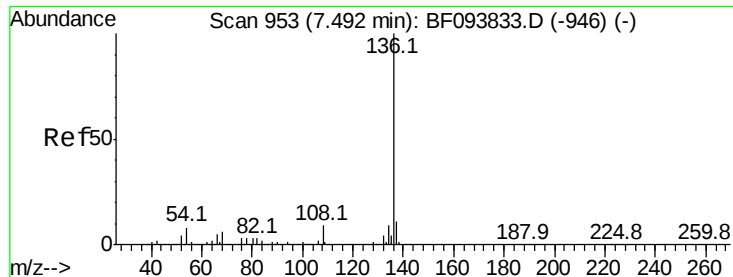
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.49 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF093859.D

Acq: 23 Mar 2017 4:02

Instrument :

BNA_F

ClientSampleId :

E2-V6-BASE

Tot Ion:136 Resp: 788651

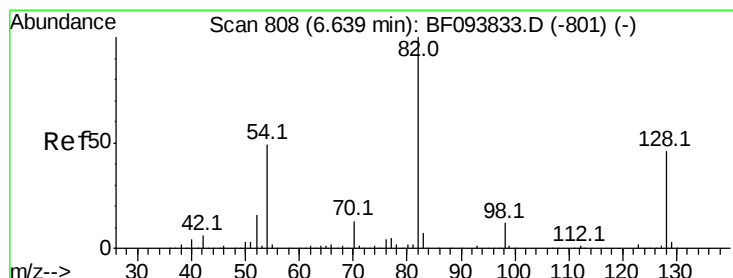
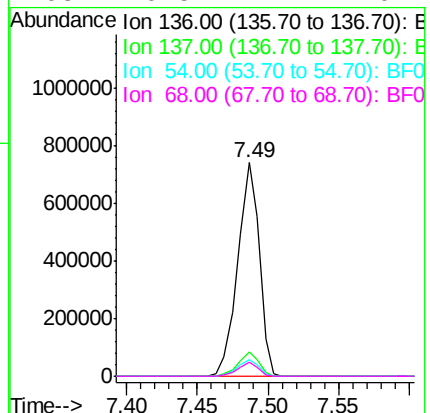
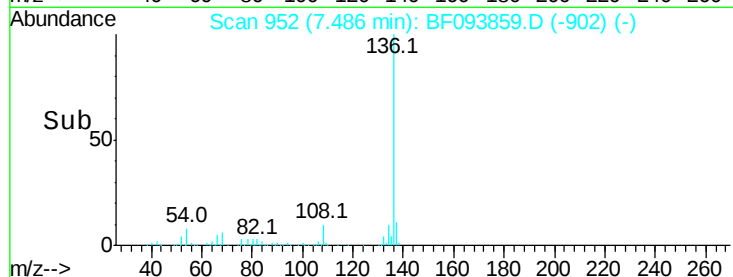
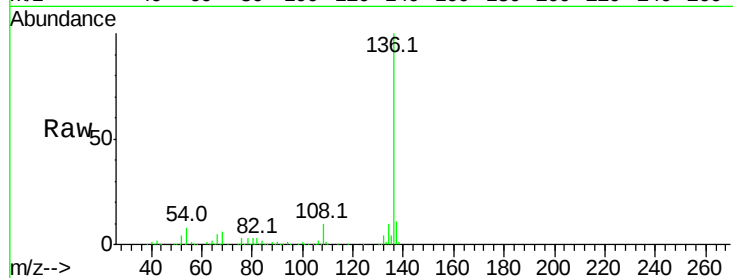
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.8 4.9 7.3#

68 6.5 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 91.23 ng

RT: 6.63 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF093859.D

Acq: 23 Mar 2017 4:02

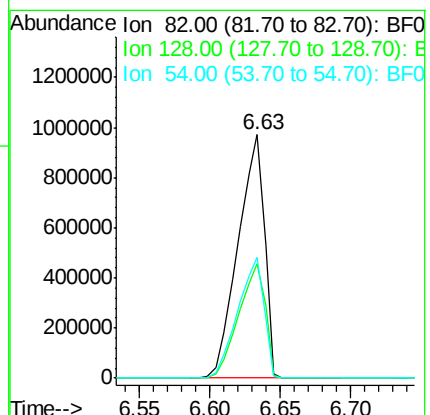
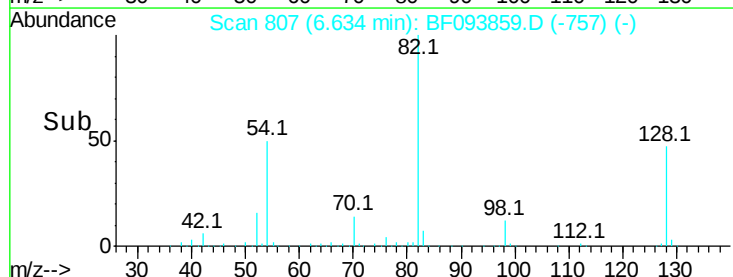
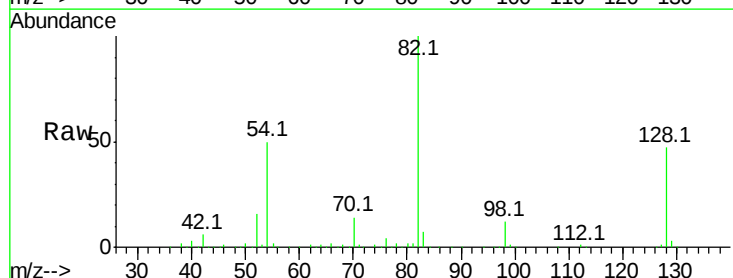
Tgt Ion: 82 Resp: 1260803

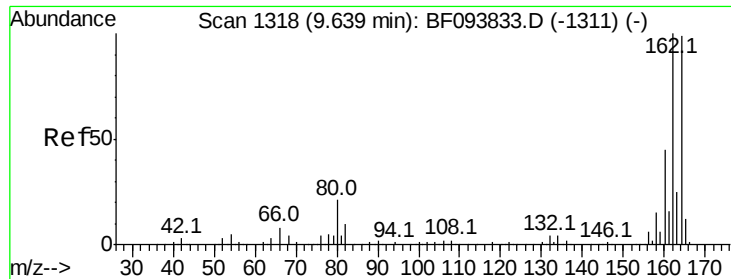
Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

54 49.6 42.2 63.2

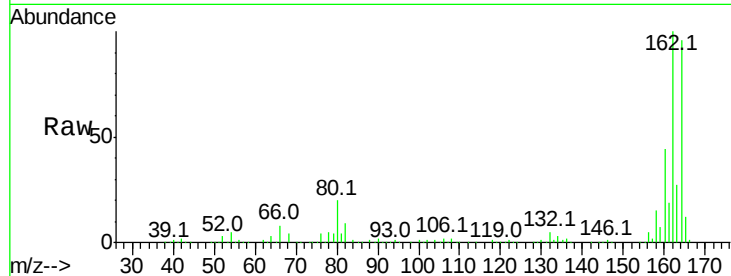




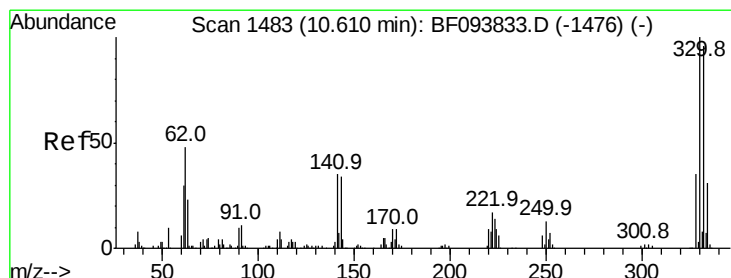
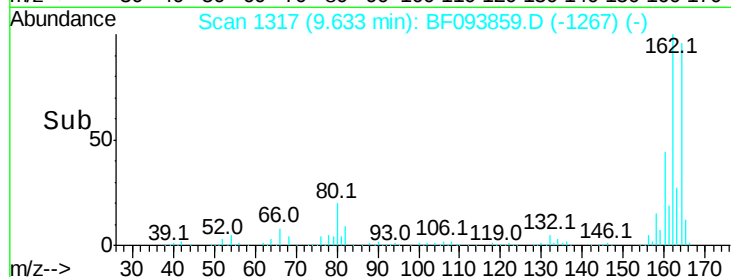
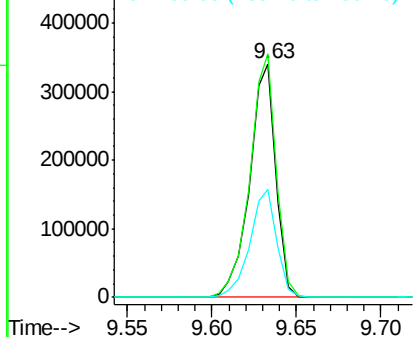
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF093859.D
Acq: 23 Mar 2017 4:02

Instrument :
BNA_F
ClientSampleId :
E2-V6-BASE

Tot Ion:164 Resp: 368373
Ion Ratio Lower Upper
164 100
162 104.1 82.6 123.8
160 46.1 36.2 54.2

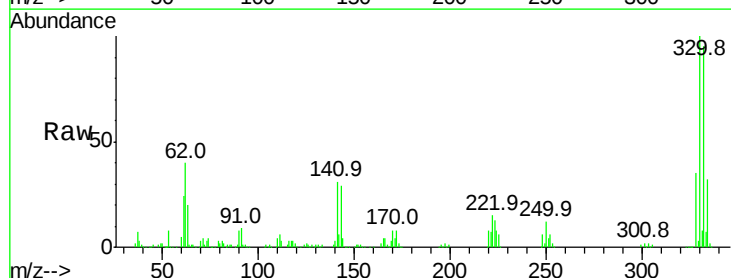


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

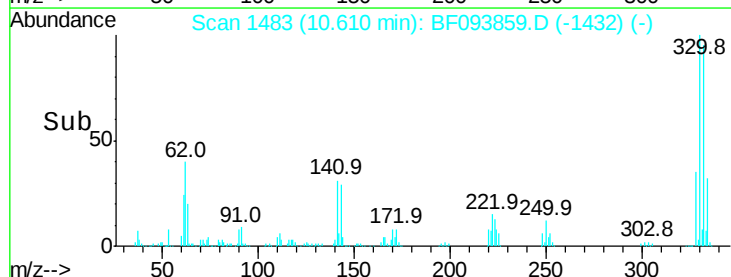
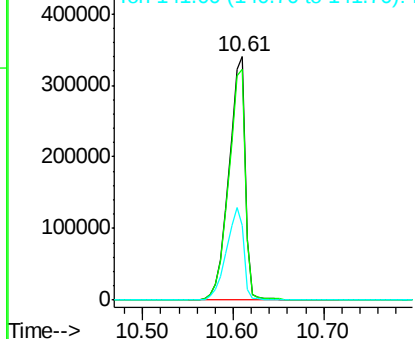


#41
2,4,6-Tribromophenol
Concen: 148.00 ng
RT: 10.61 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF093859.D
Acq: 23 Mar 2017 4:02

Tgt Ion:330 Resp: 430829
Ion Ratio Lower Upper
330 100
332 96.3 76.6 115.0
141 39.8 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



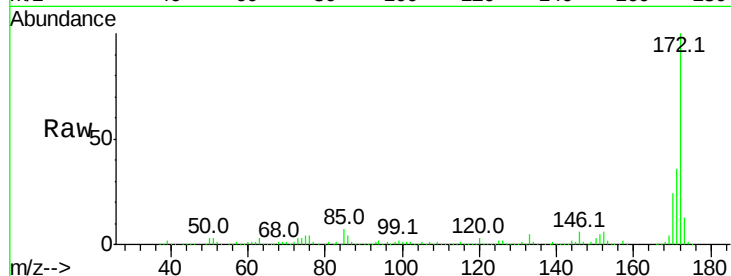


#44
 2-Fluorobiphenyl
 Concen: 83.43 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF093859.D
 Acq: 23 Mar 2017 4:02

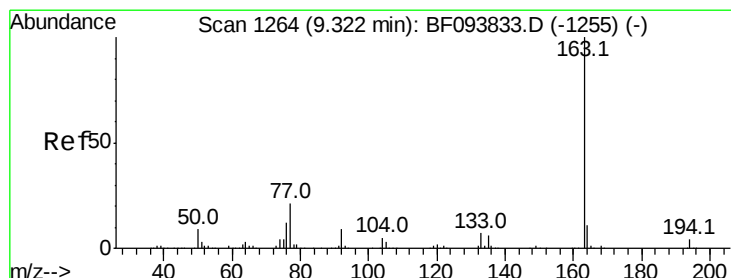
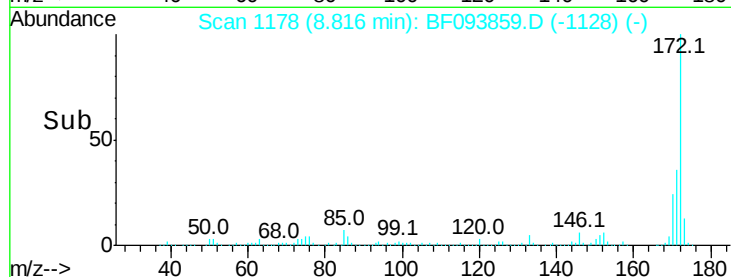
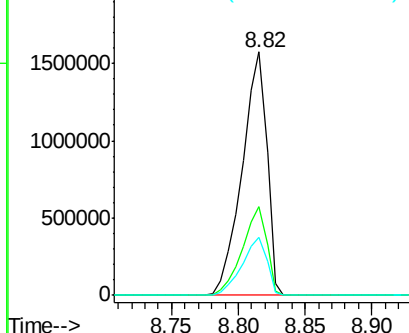
Instrument :
 BNA_F
 ClientSampleId :
 E2-V6-BASE

Tot Ion:172 Resp: 2014947

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.0	19.8	29.8



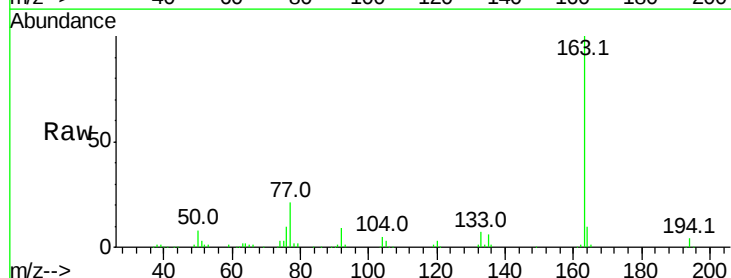
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



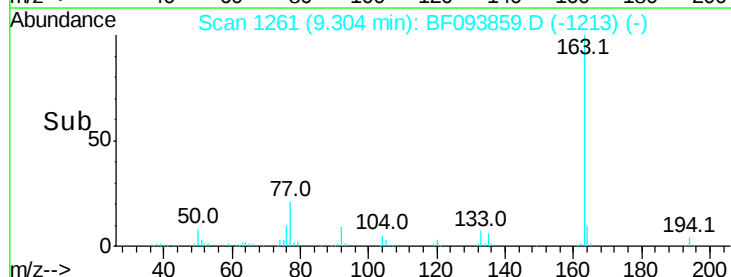
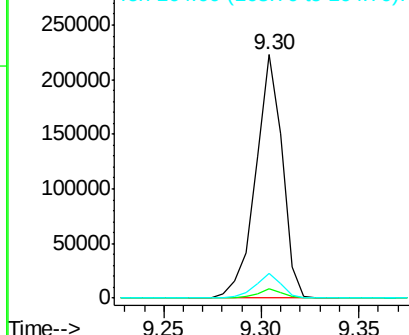
#49
 Dimethylphthalate
 Concen: 8.02 ng
 RT: 9.30 min Scan# 1261
 Delta R.T. -0.02 min
 Lab File: BF093859.D
 Acq: 23 Mar 2017 4:02

Tgt Ion:163 Resp: 209902

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	10.1	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

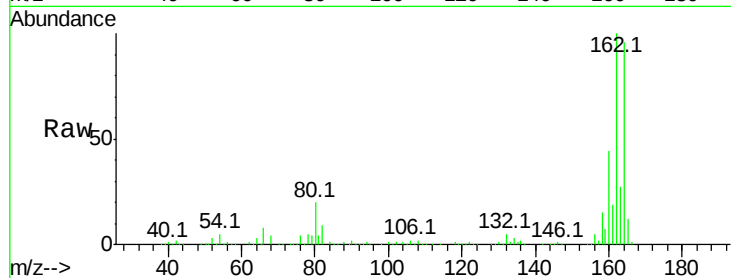




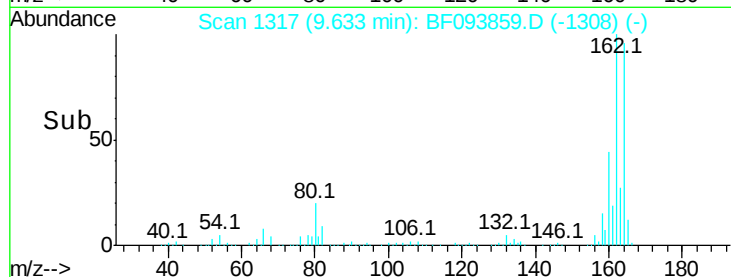
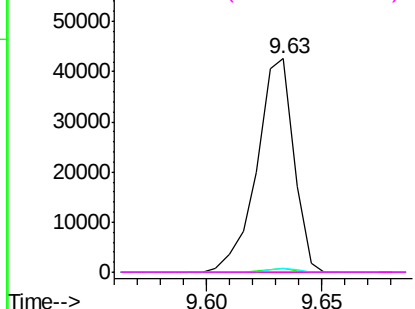
#56
 2,4-Dinitrotoluene
 Concen: 6.29 ng
 RT: 9.63 min Scan# 1317
 Delta R.T. -0.25 min
 Lab File: BF093859.D
 Acq: 23 Mar 2017 4:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-V6-BASE

Tot Ion:165 Resp: 47443
 Ion Ratio Lower Upper
 165 100
 63 1.8 25.4 38.0#
 89 2.1 46.4 69.6#
 182 0.0 1.8 2.6#

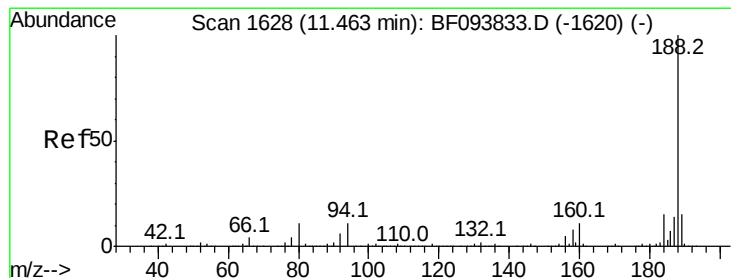


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

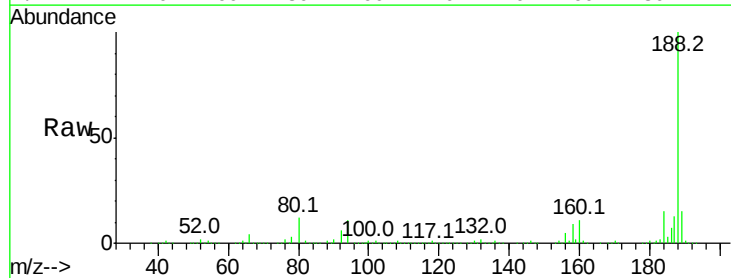
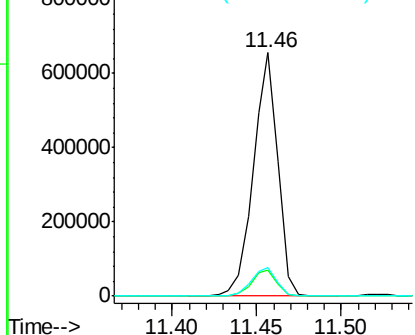


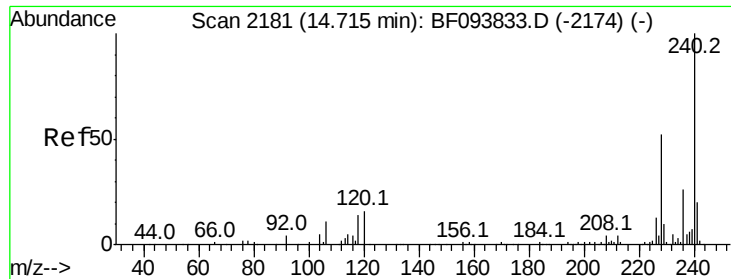
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BF093859.D
 Acq: 23 Mar 2017 4:02

Tgt Ion:188 Resp: 657721
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 11.5 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

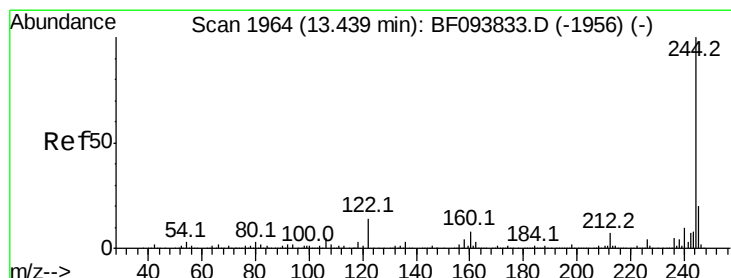
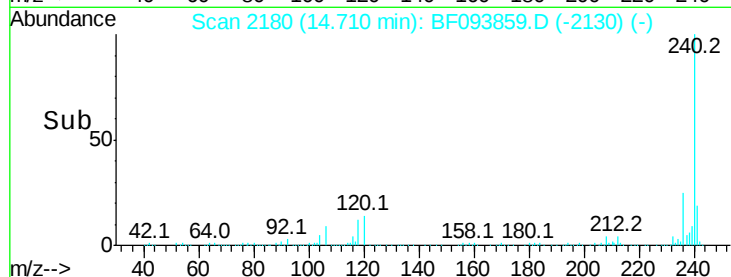
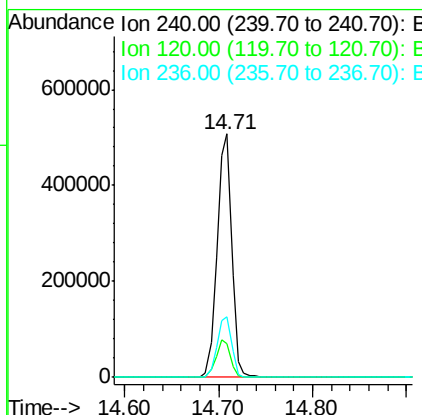
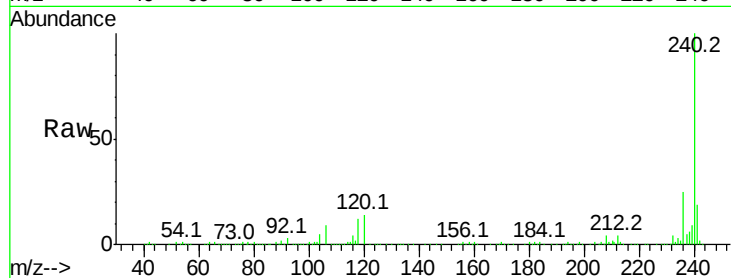




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.71 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF093859.D
Acq: 23 Mar 2017 4:02

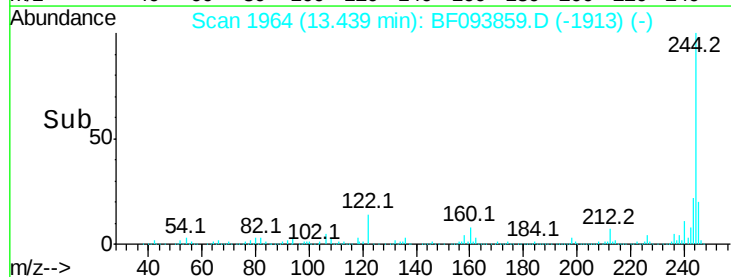
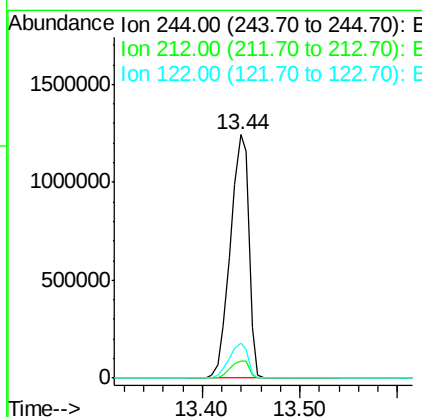
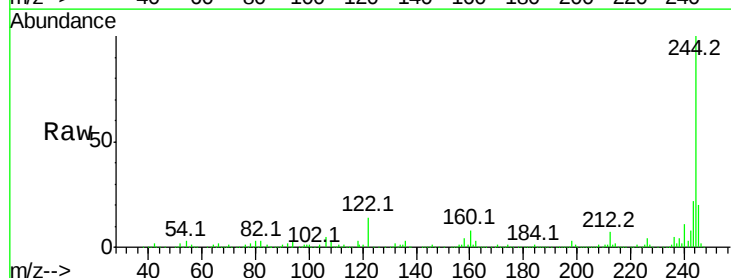
Instrument :
BNA_F
ClientSampleId :
E2-V6-BASE

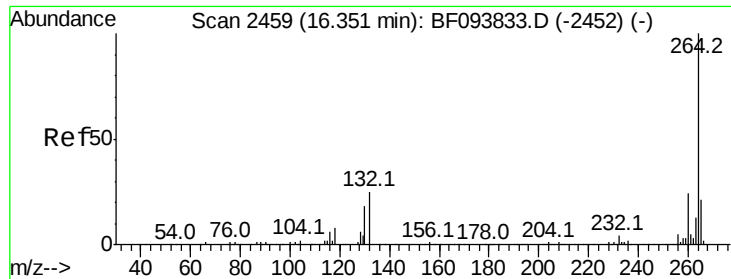
Tot Ion:240 Resp: 555617
Ion Ratio Lower Upper
240 100
120 13.9 5.8 8.8#
236 24.9 20.5 30.7



#78
Terphenyl-d14
Concen: 66.20 ng
RT: 13.44 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BF093859.D
Acq: 23 Mar 2017 4:02

Tgt Ion:244 Resp: 1641033
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 14.3 10.3 15.5

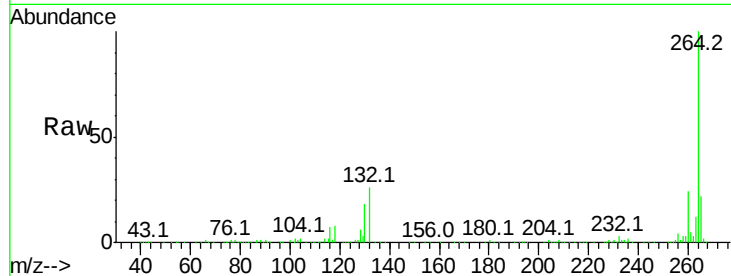




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.34 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BF093859.D
Acq: 23 Mar 2017 4:02

Instrument :
BNA_F
ClientSampleId :
E2-V6-BASE

Tot Ion: 264 Resp: 418806
Ion Ratio Lower Upper
264 100
260 24.1 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

