

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093858.D
 Acq On : 23 Mar 2017 3:35
 Operator : SJ/MA
 Sample : I2337-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-W6-SSW

Quant Time: Mar 23 03:59:38 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

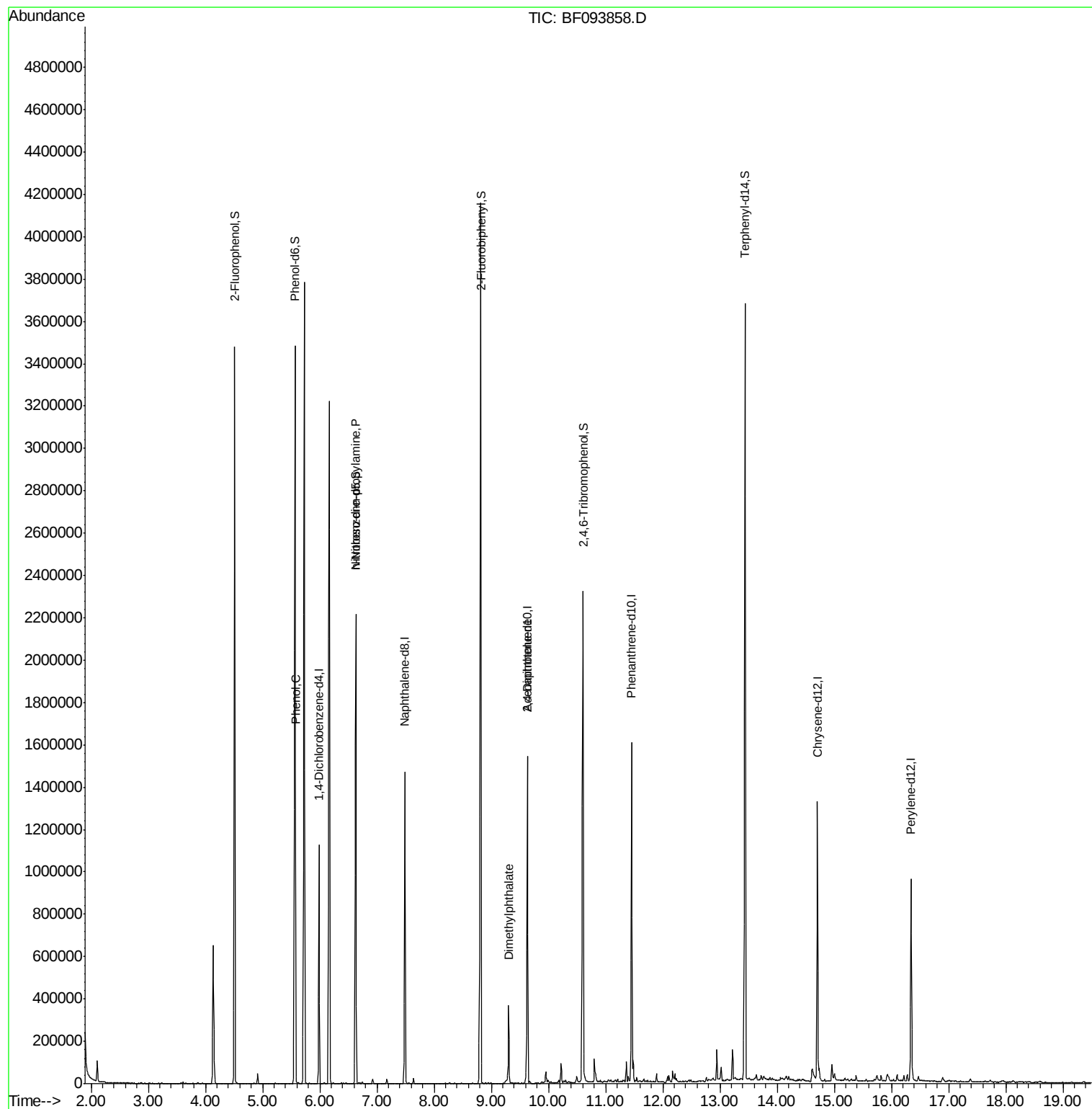
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	187020	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	762354	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	351649	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	627417	20.00	ng	0.00
75) Chrysene-d12	14.71	240	517689	20.00	ng	0.00
86) Perylene-d12	16.34	264	391787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.52	112	1202681	108.62	ng	0.01
7) Phenol-d6	5.57	99	1549505	113.12	ng	0.00
23) Nitrobenzene-d5	6.63	82	962820	72.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	323172	116.30	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	1716755	74.46	ng	0.00
78) Terphenyl-d14	13.44	244	1416859	61.35	ng	0.00
Target Compounds						
10) Phenol	5.58	94	62756	4.03	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	6.63	70	128554	14.60	ng	# 79
49) Dimethylphthalate	9.30	163	159799	6.39	ng	98
56) 2,4-Dinitrotoluene	9.63	165	46014	6.39	ng	# 34

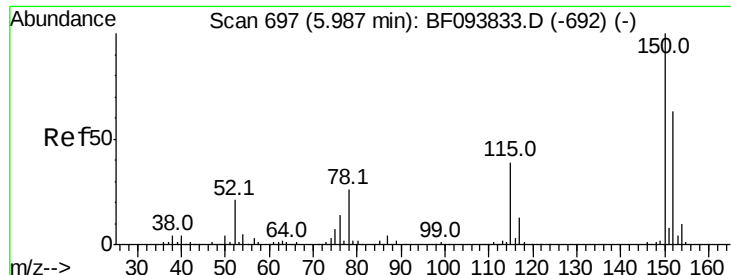
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093858.D

Acq: 23 Mar 2017 3:35

Instrument :

BNA_F

ClientSampleId :

E2-W6-SSW

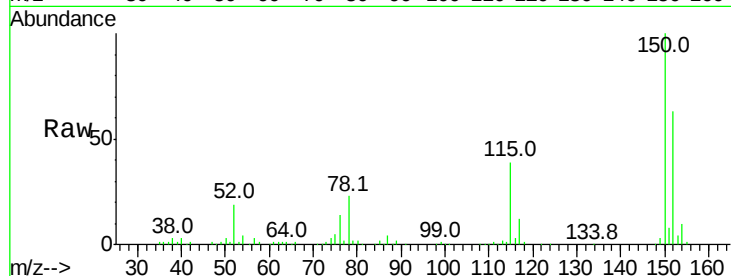
Tot Ion:152 Resp: 187020

Ion Ratio Lower Upper

152 100

150 159.0 126.2 189.2

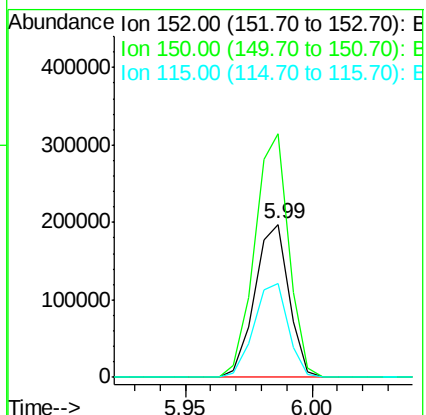
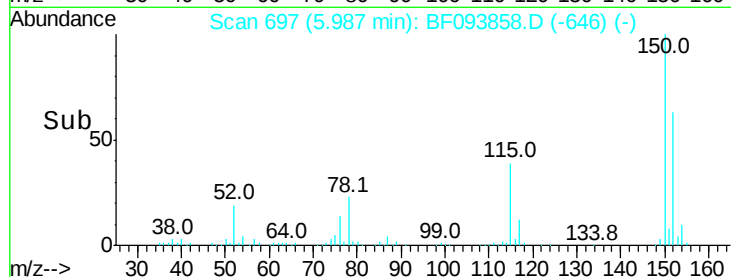
115 61.2 52.2 78.2



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: 108.62 ng

RT: 4.52 min Scan# 447

Delta R.T. 0.01 min

Lab File: BF093858.D

Acq: 23 Mar 2017 3:35

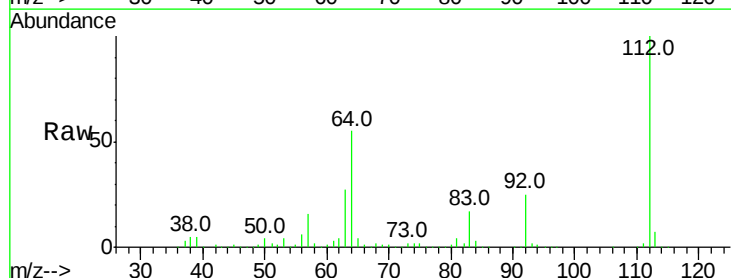
Tgt Ion:112 Resp: 1202681

Ion Ratio Lower Upper

112 100

64 54.7 46.0 69.0

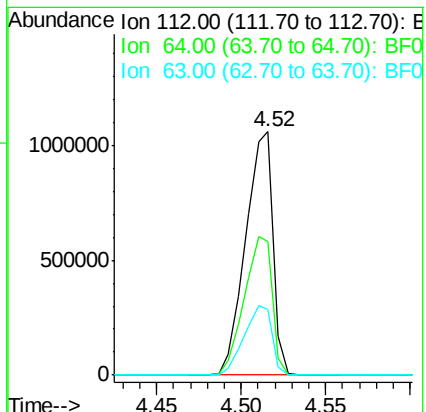
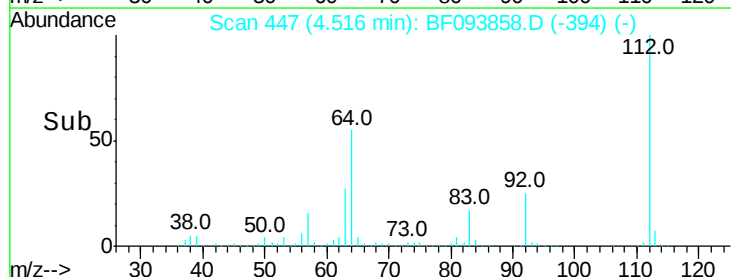
63 27.1 23.4 35.0



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: 113.12 ng

RT: 5.57 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF093858.D

Acq: 23 Mar 2017 3:35

Instrument :

BNA_F

ClientSampleId :

E2-W6-SSW

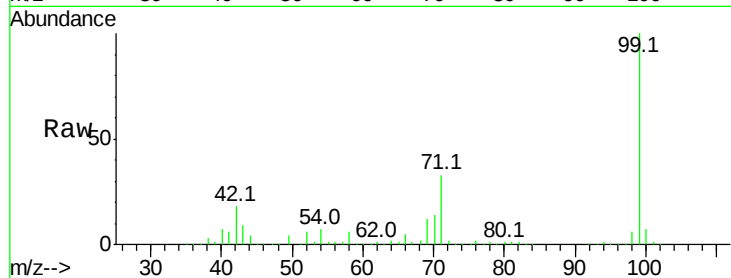
Tot Ion: 99 Resp: 1549505

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

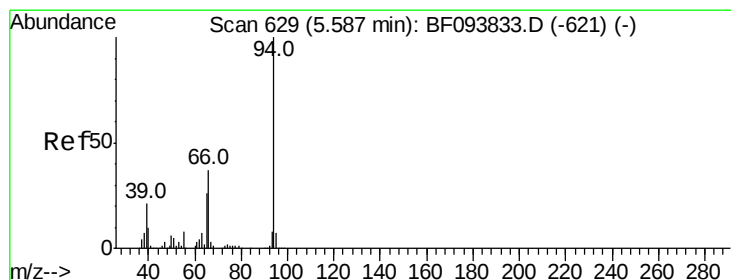
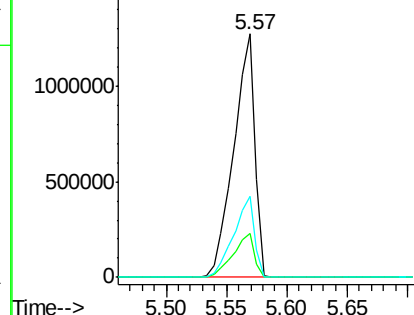
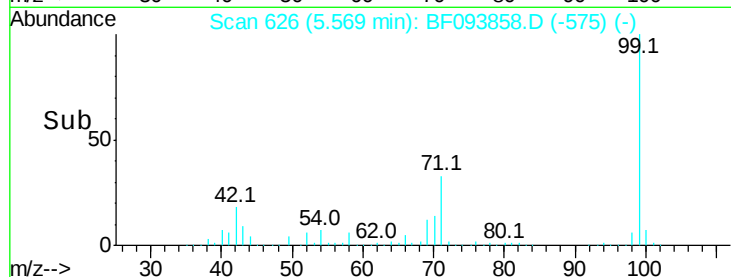
71 33.3 24.5 36.7



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: 4.03 ng

RT: 5.58 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF093858.D

Acq: 23 Mar 2017 3:35

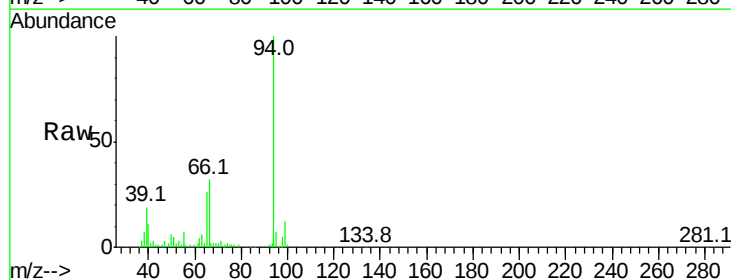
Tgt Ion: 94 Resp: 62756

Ion Ratio Lower Upper

94 100

65 26.3 9.9 49.9

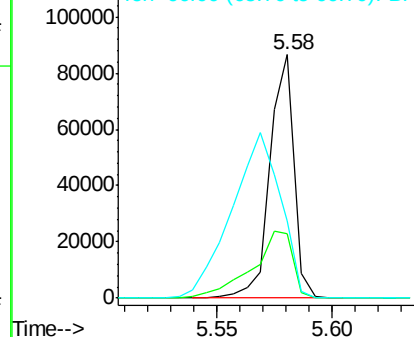
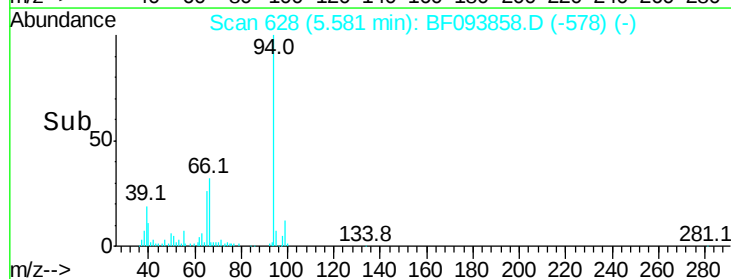
66 31.8 23.1 63.1



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: 14.60 ng

RT: 6.63 min Scan# 806

Delta R.T. 0.15 min

Lab File: BF093858.D

Acq: 23 Mar 2017 3:35

Instrument :

BNA_F

ClientSampleId :

E2-W6-SSW

Tot Ion: 70 Resp: 128554

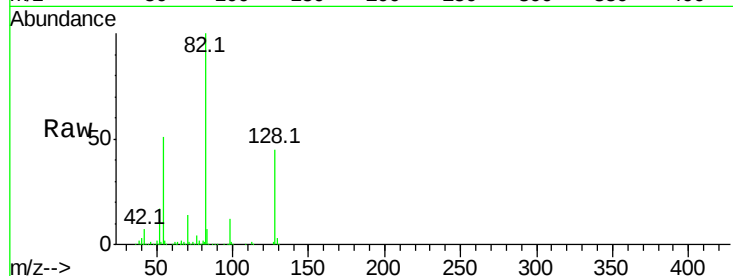
Ion Ratio Lower Upper

70 100

42 48.3 47.2 70.8

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

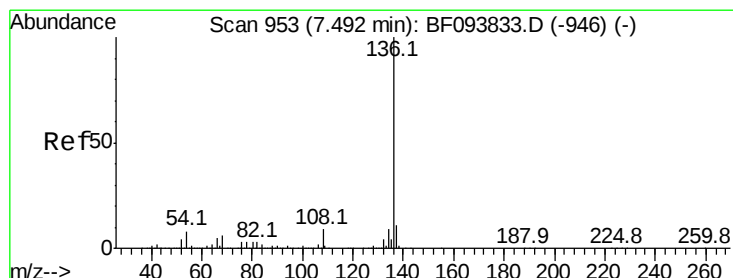
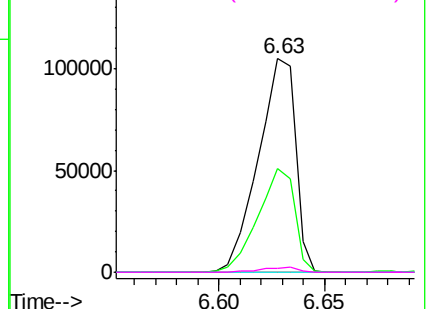
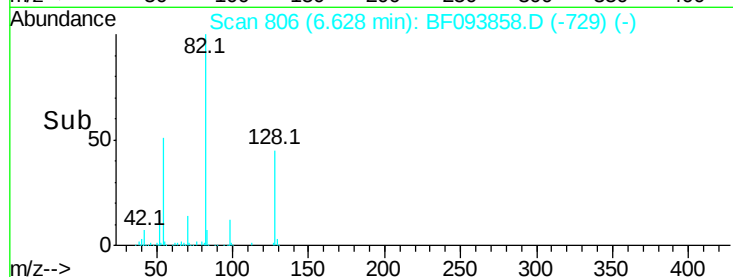


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF093858.D

Acq: 23 Mar 2017 3:35

Tgt Ion: 136 Resp: 762354

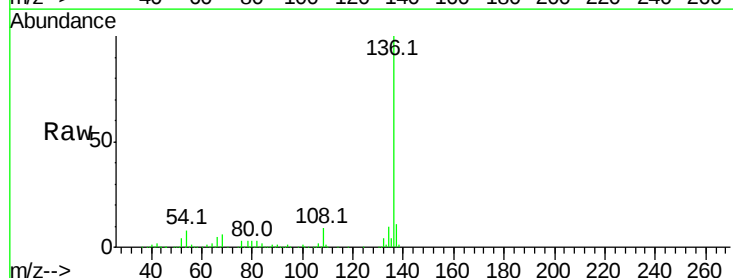
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.6 4.9 7.3#

68 6.0 4.1 6.1

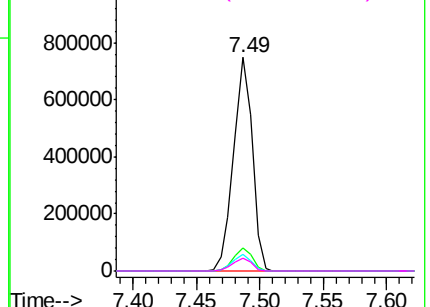
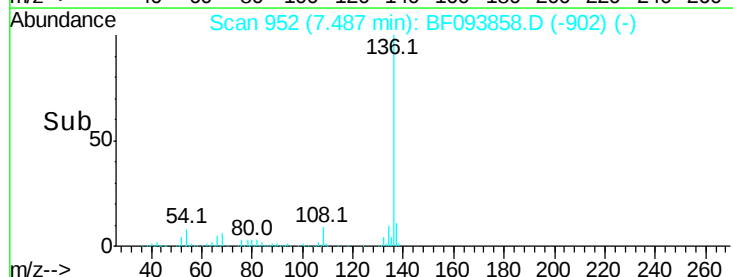


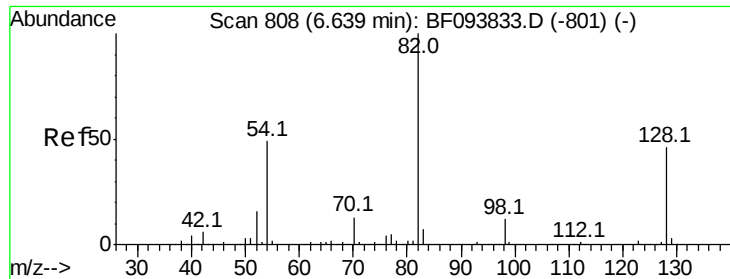
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

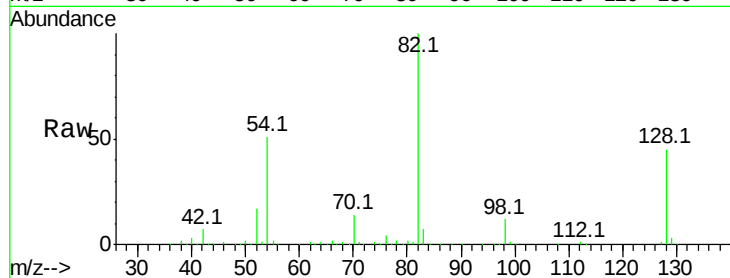




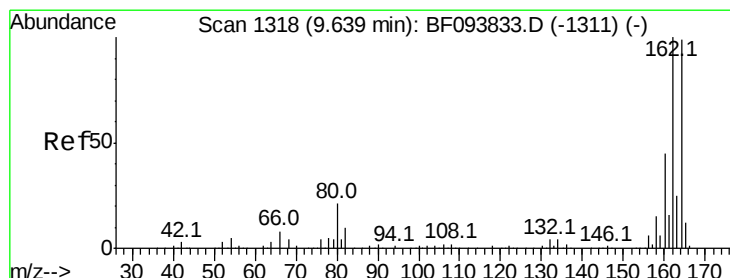
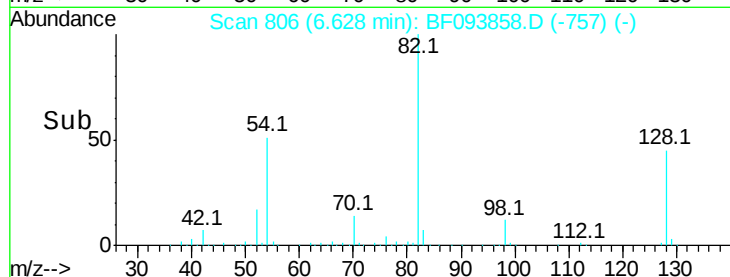
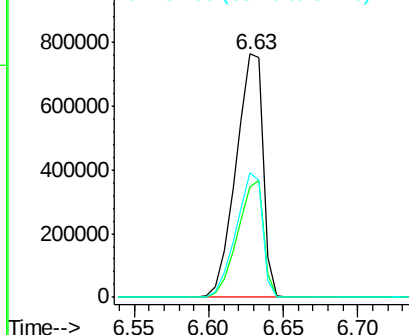
#23
 Nitrobenzene-d5
 Concen: 72.08 ng
 RT: 6.63 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF093858.D
 Acq: 23 Mar 2017 3:35

Instrument :
 BNA_F
 ClientSampleId :
 E2-W6-SSW

Tot Ion: 82 Resp: 962820
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.0 51.0
 54 51.2 42.2 63.2

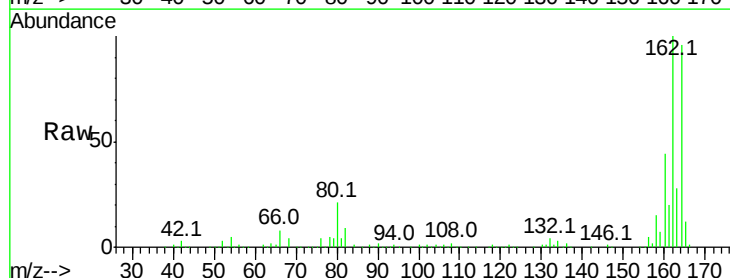


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

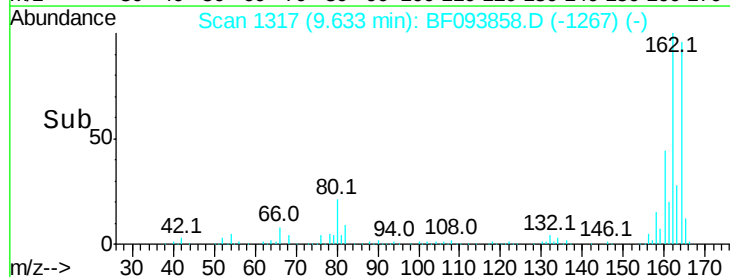
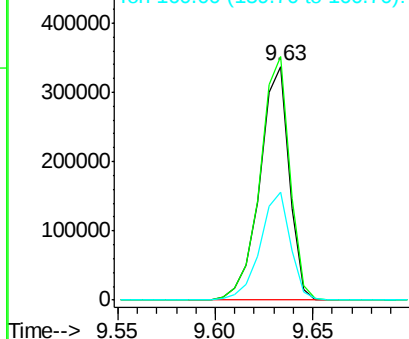


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF093858.D
 Acq: 23 Mar 2017 3:35

Tgt Ion:164 Resp: 351649
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.6 123.8
 160 46.0 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

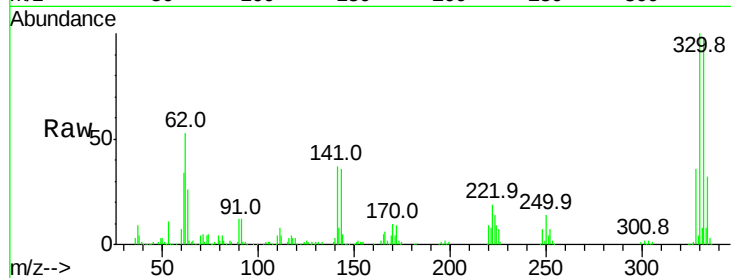




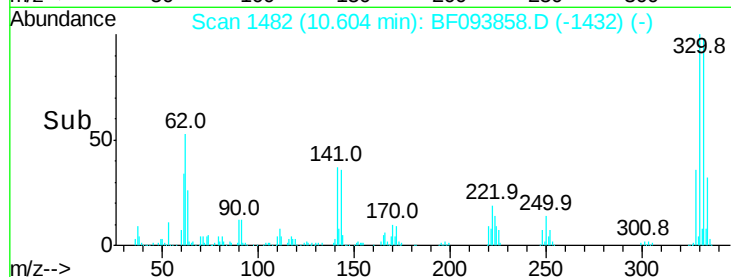
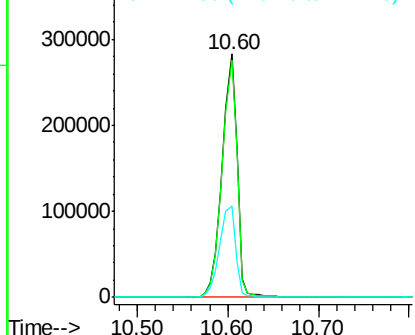
#41
 2,4,6-Tribromophenol
 Concen: 116.30 ng
 RT: 10.60 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF093858.D
 Acq: 23 Mar 2017 3:35

Instrument :
 BNA_F
 ClientSampleId :
 E2-W6-SSW

Tot Ion:330 Resp: 323172
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 40.9 31.4 47.2

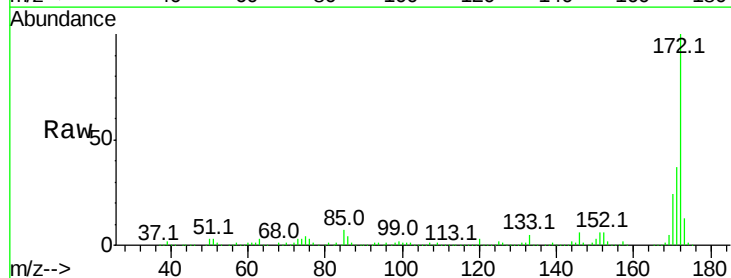


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

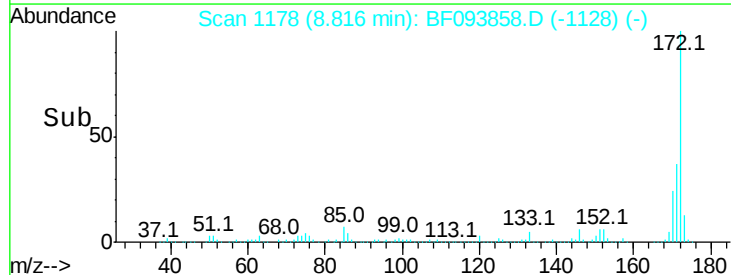
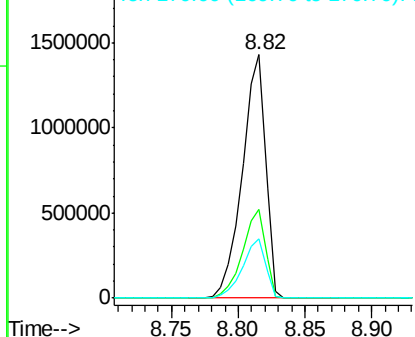


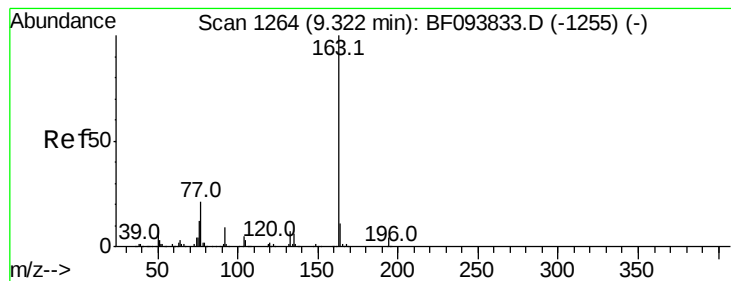
#44
 2-Fluorobiphenyl
 Concen: 74.46 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF093858.D
 Acq: 23 Mar 2017 3:35

Tgt Ion:172 Resp: 1716755
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.2 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: 6.39 ng

RT: 9.30 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF093858.D

Acq: 23 Mar 2017 3:35

Instrument :

BNA_F

ClientSampleId :

E2-W6-SSW

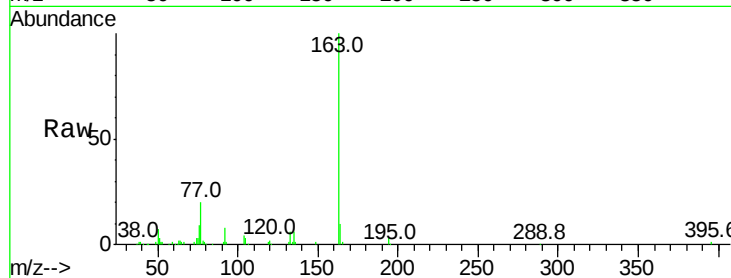
Tot Ion:163 Resp: 159799

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

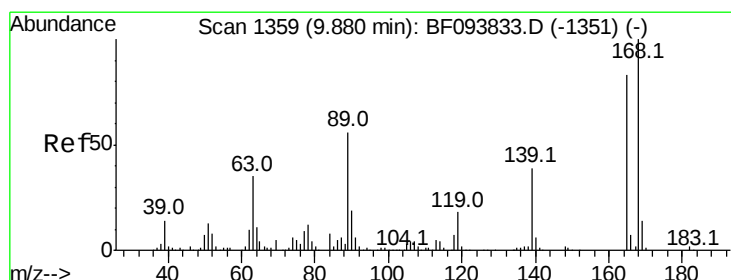
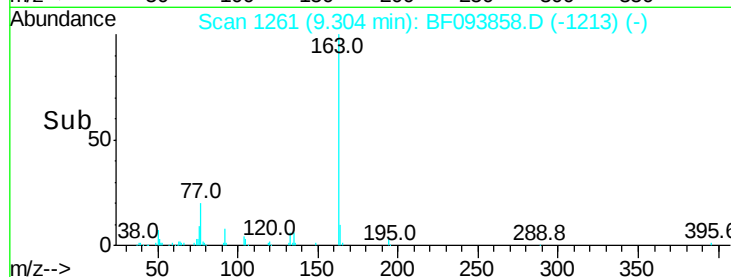
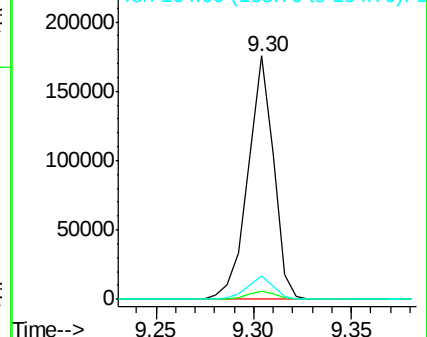
164 9.7 8.4 12.6



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: 6.39 ng

RT: 9.63 min Scan# 1317

Delta R.T. -0.25 min

Lab File: BF093858.D

Acq: 23 Mar 2017 3:35

Tgt Ion:165 Resp: 46014

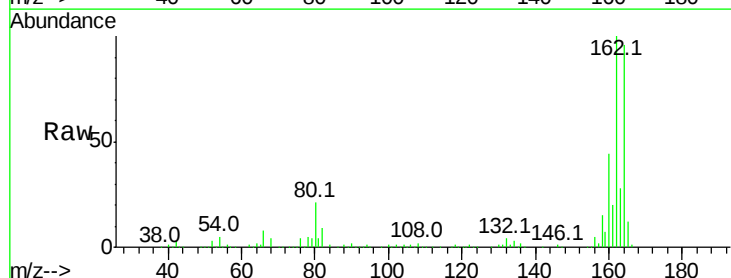
Ion Ratio Lower Upper

165 100

63 1.1 25.4 38.0#

89 2.3 46.4 69.6#

182 0.0 1.8 2.6#

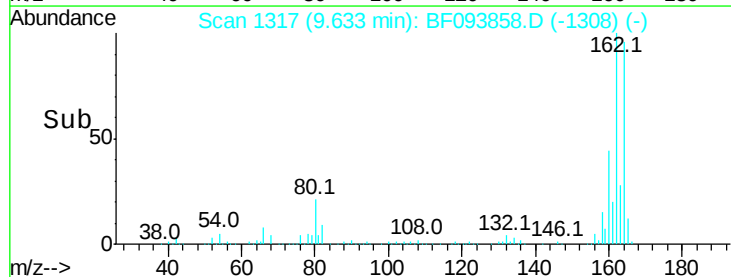
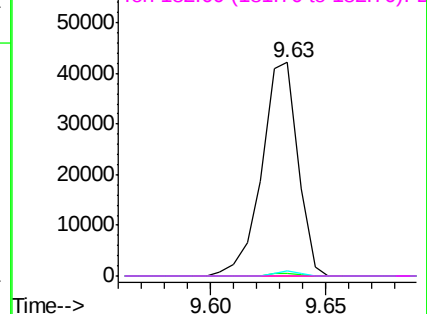


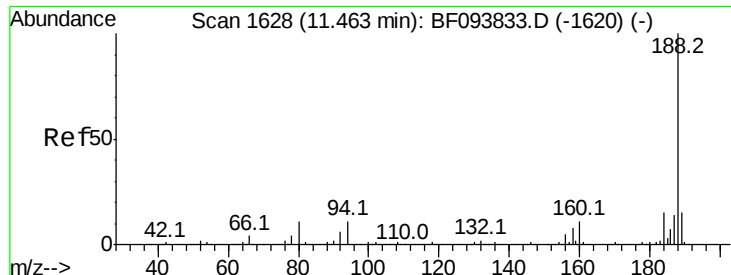
Abundance Ion 165.00 (164.70 to 165.70): E

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

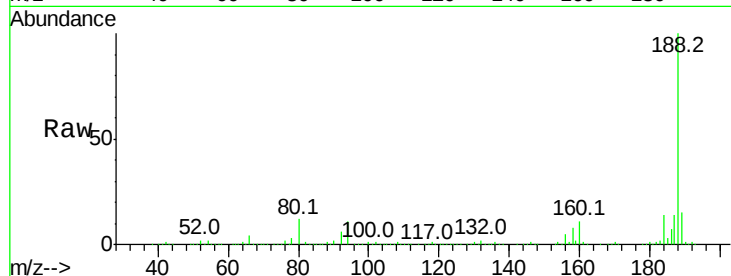




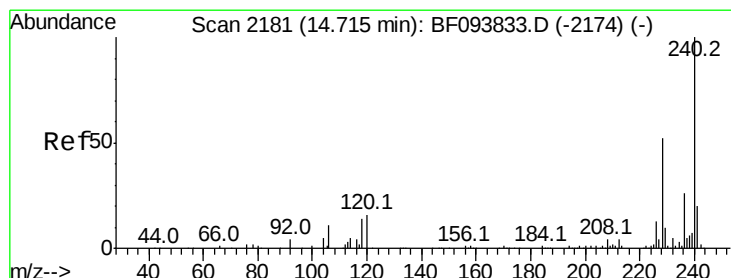
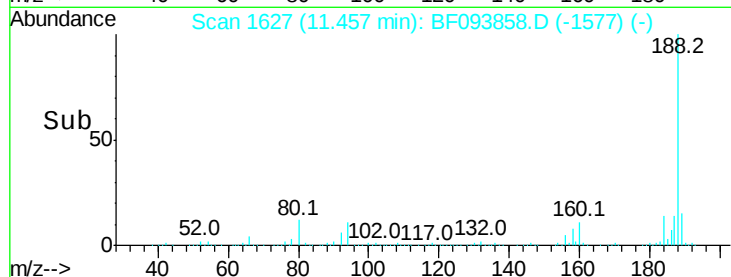
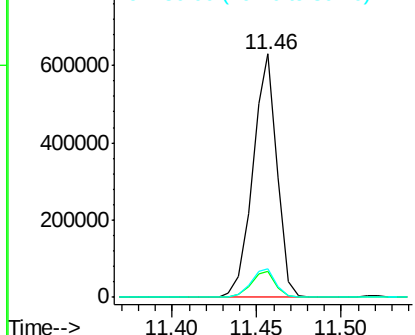
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BF093858.D
Acq: 23 Mar 2017 3:35

Instrument :
BNA_F
ClientSampleId :
E2-W6-SSW

Tot Ion:188 Resp: 627417
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.8 10.2 15.2

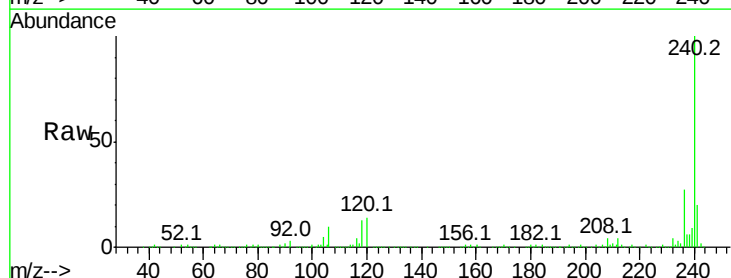


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

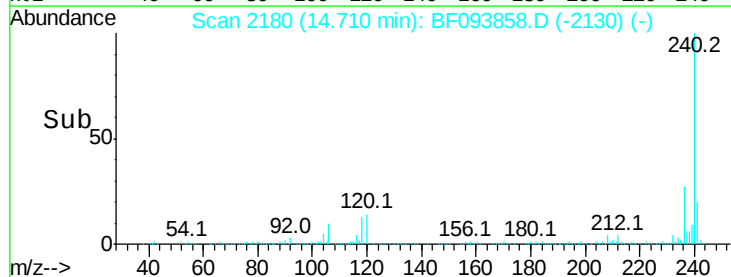
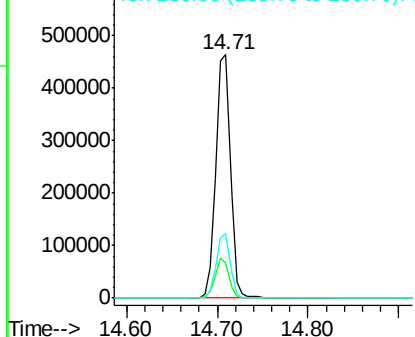


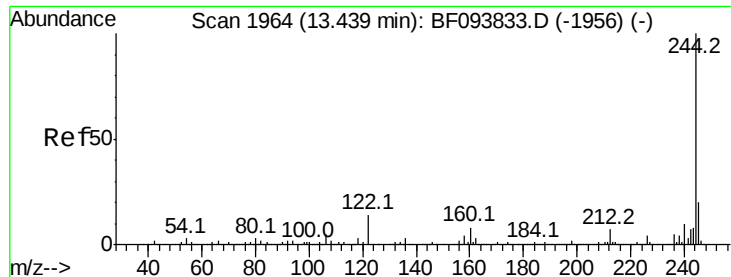
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.71 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF093858.D
Acq: 23 Mar 2017 3:35

Tgt Ion:240 Resp: 517689
Ion Ratio Lower Upper
240 100
120 14.4 5.8 8.8#
236 26.6 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

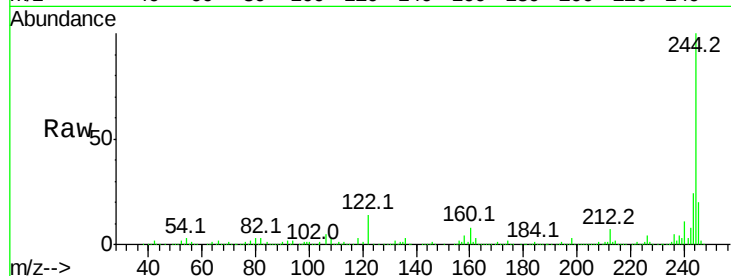




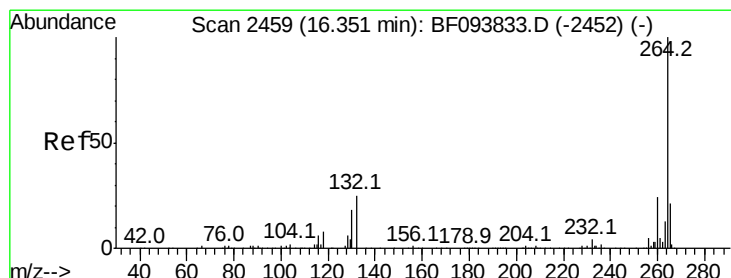
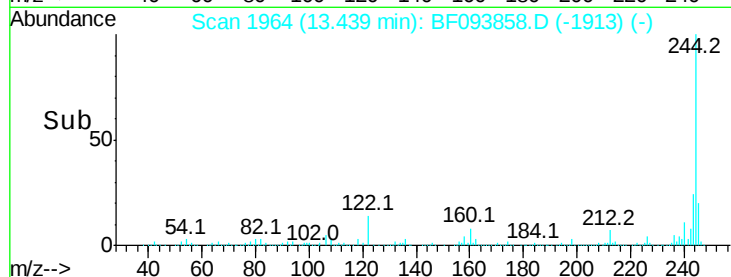
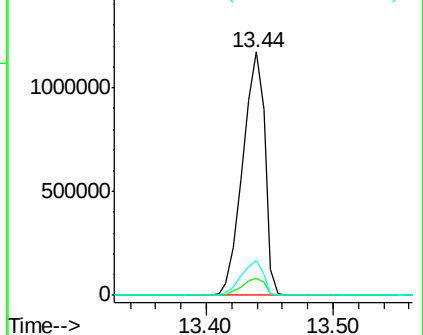
#78
 Terphenyl-d14
 Concen: 61.35 ng
 RT: 13.44 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BF093858.D
 Acq: 23 Mar 2017 3:35

Instrument :
 BNA_F
 ClientSampleId :
 E2-W6-SSW

Tot Ion:244 Resp: 1416859
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.5 10.3 15.5

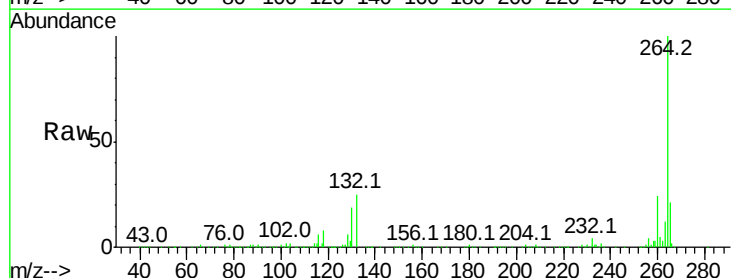


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.34 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BF093858.D
 Acq: 23 Mar 2017 3:35

Tgt Ion:264 Resp: 391787
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 20.7 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

