

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
 Data File : BF091903.D
 Acq On : 23 Dec 2016 4:12
 Operator : UM/SJ
 Sample : H6182-05
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-51(11.5-13.5)-121916

Quant Time: Dec 23 06:57:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

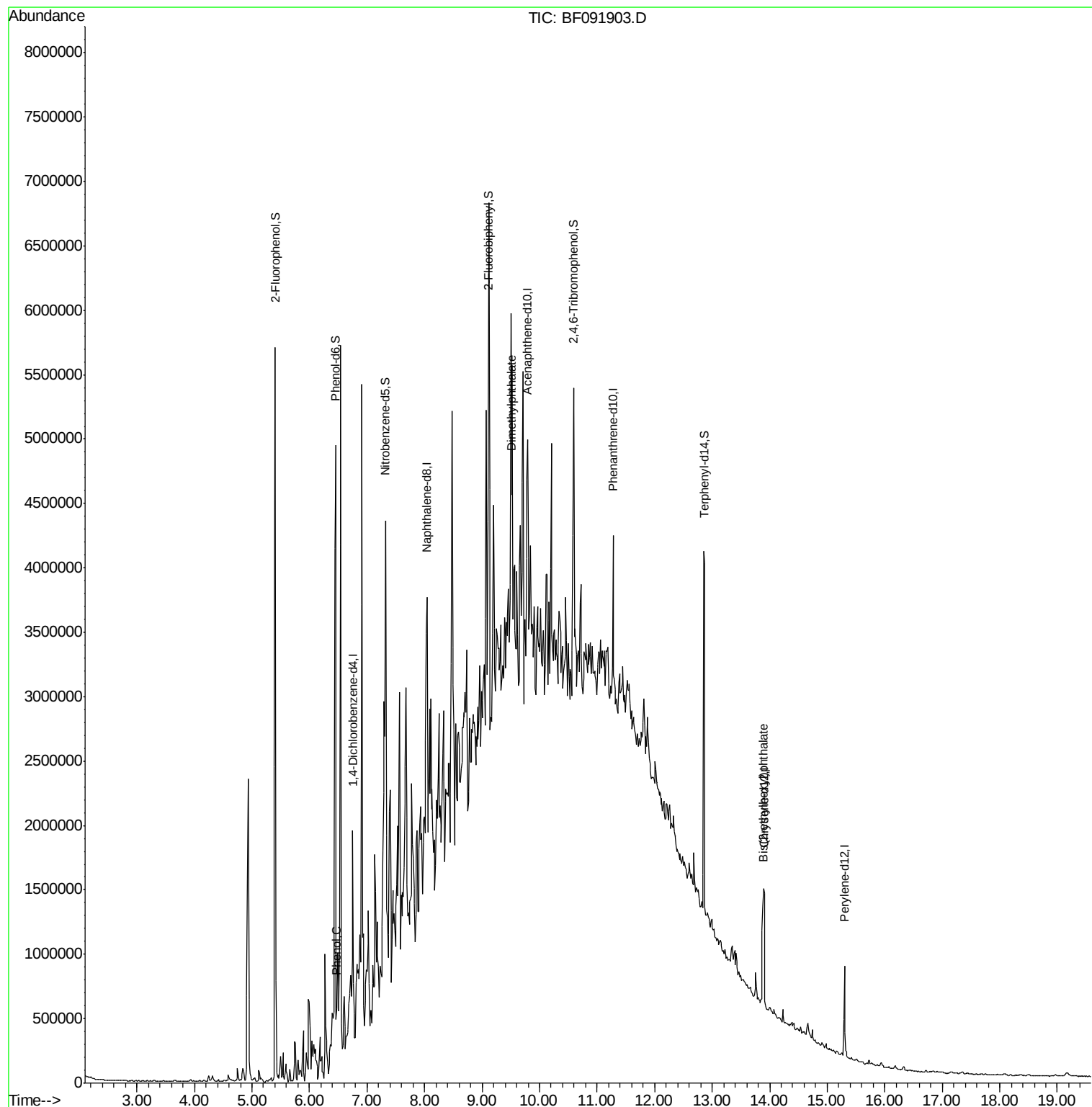
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	202399	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	759775	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	316199	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	489397	20.00	ng	0.01
75) Chrysene-d12	13.91	240	388150	20.00	ng	0.00
86) Perylene-d12	15.30	264	316367	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1714718	141.46	ng	0.06
7) Phenol-d6	6.45	99	2371839	160.27	ng	0.05
23) Nitrobenzene-d5	7.32	82	1435480	105.06	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	346604	132.45	ng	0.01
44) 2-Fluorobiphenyl	9.12	172	1885972	128.87	ng	0.00
78) Terphenyl-d14	12.87	244	1448424	90.50	ng	0.01
Target Compounds						
10) Phenol	6.46	94	76008	4.51	ng	# 68
49) Dimethylphthalate	9.52	163	261842	12.95	ng	# 94
83) Bis(2-ethylhexyl)phthalate	13.88	149	498223	32.66	ng	93

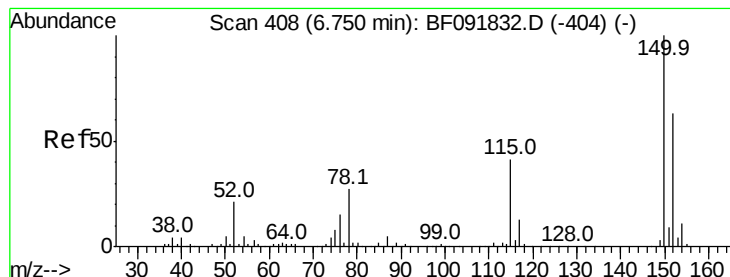
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091903.D
Acq On : 23 Dec 2016 4:12
Operator : UM/SJ
Sample : H6182-05
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-51(11.5-13.5)-121916

Quant Time: Dec 23 06:57:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091903.D

Acq: 23 Dec 2016 4:12

Instrument :

BNA_F

ClientSampleId :

SB-51(11.5-13.5)-121916

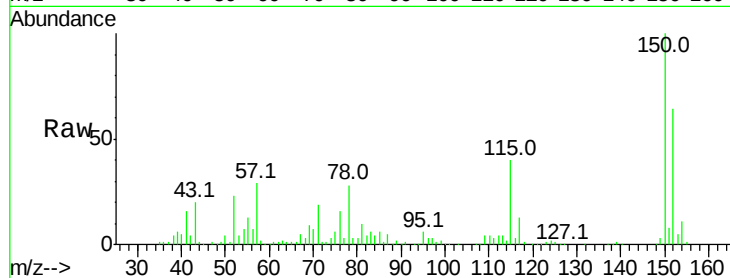
Tot Ion:152 Resp: 202399

Ion Ratio Lower Upper

152 100

150 156.1 124.9 187.3

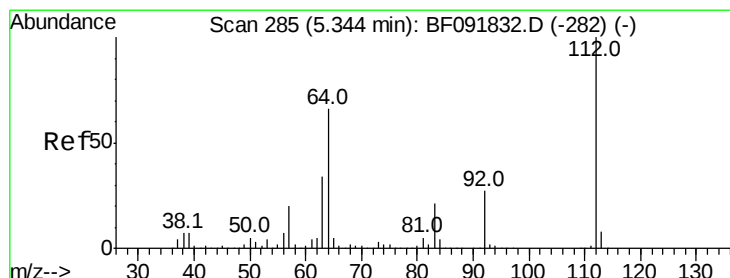
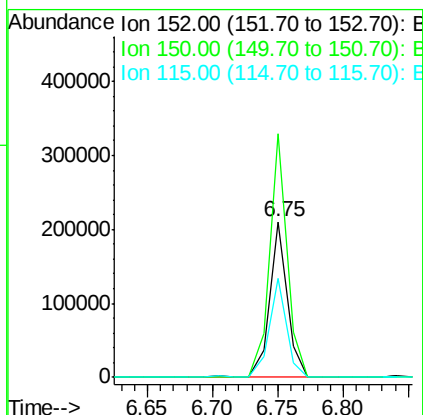
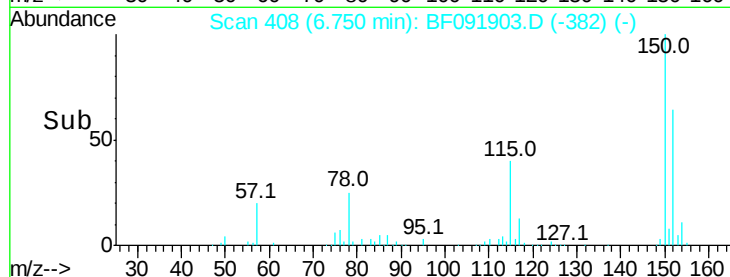
115 63.2 46.0 69.0



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: 141.46 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.06 min

Lab File: BF091903.D

Acq: 23 Dec 2016 4:12

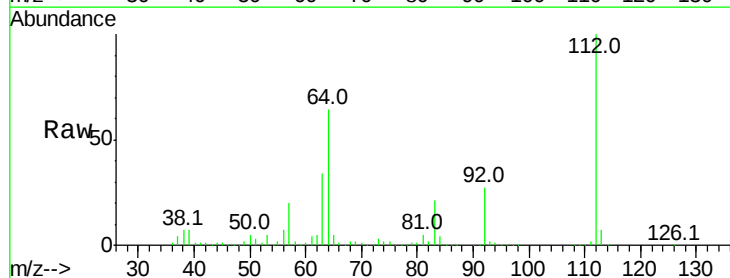
Tgt Ion:112 Resp: 1714718

Ion Ratio Lower Upper

112 100

64 64.1 46.1 69.1

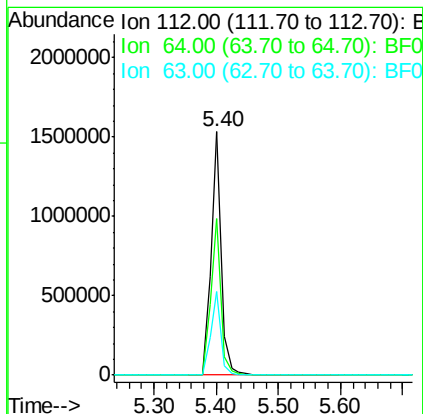
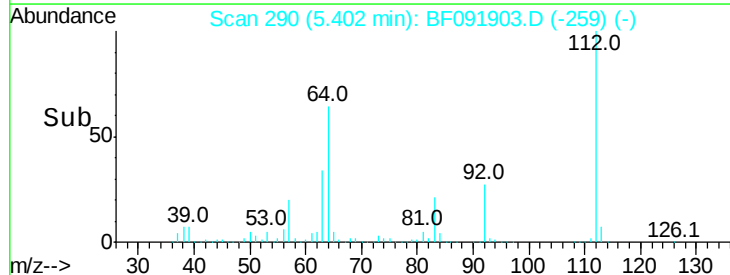
63 34.3 23.8 35.6

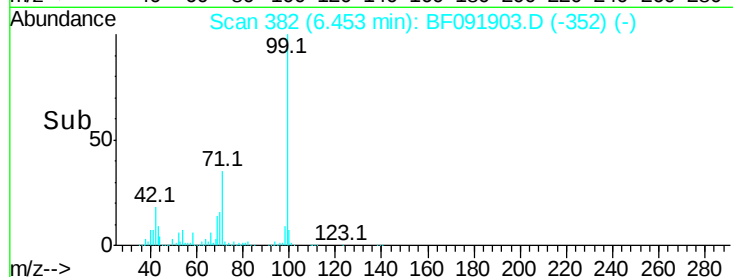
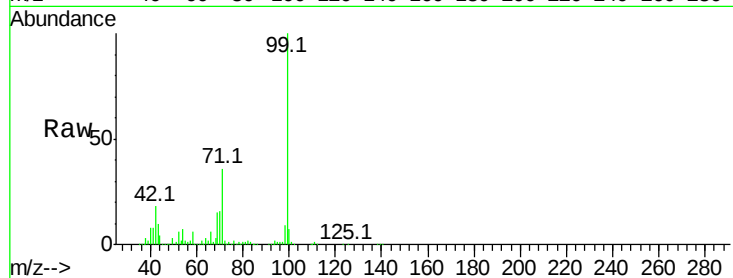
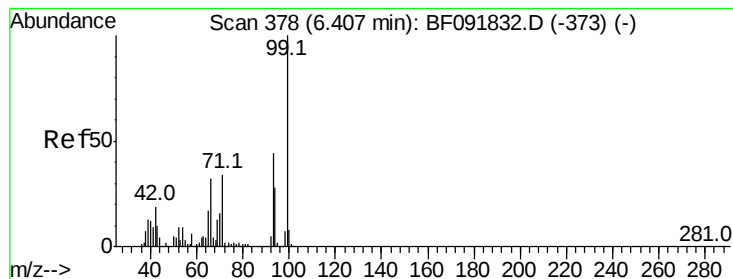


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 160.27 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.05 min

Lab File: BF091903.D

Acq: 23 Dec 2016 4:12

Instrument :

BNA_F

ClientSampleId :

SB-51(11.5-13.5)-121916

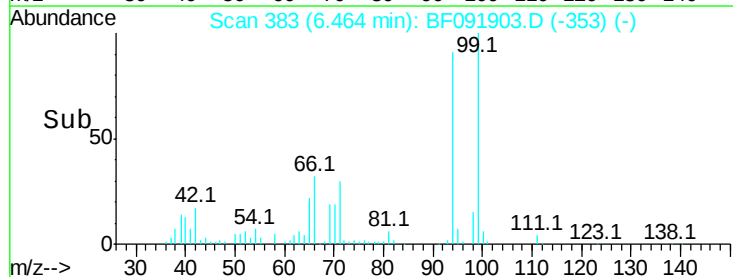
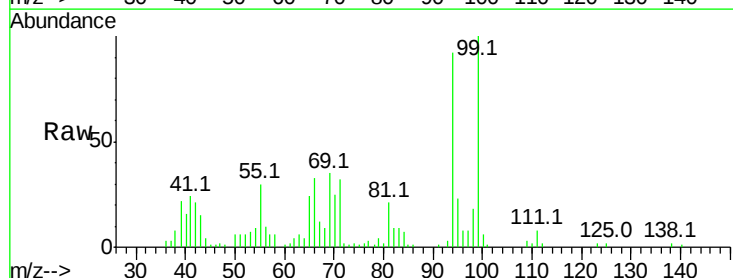
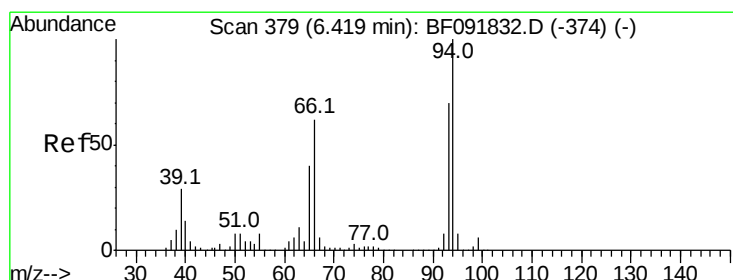
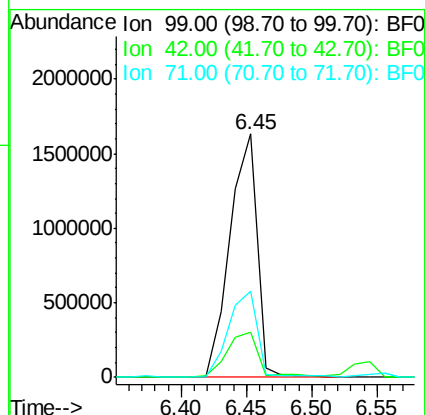
Tot Ion: 99 Resp: 2371839

Ion Ratio Lower Upper

99 100

42 18.4 15.6 23.4

71 35.5 27.5 41.3



#10

Phenol

Concen: 4.51 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.05 min

Lab File: BF091903.D

Acq: 23 Dec 2016 4:12

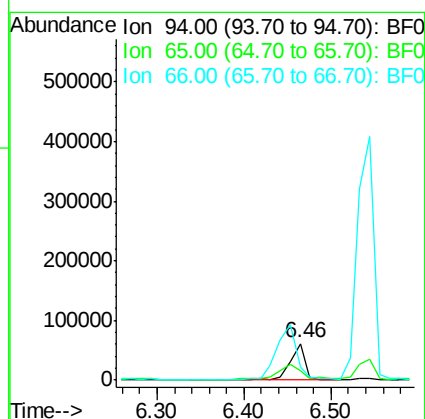
Tgt Ion: 94 Resp: 76008

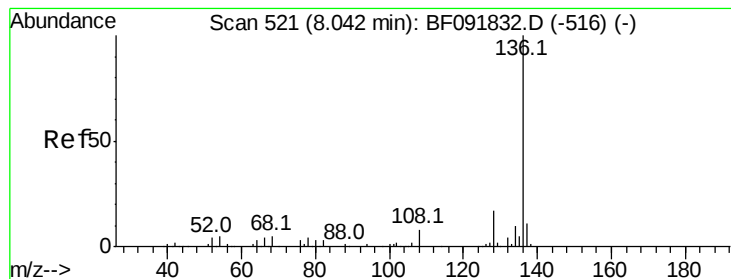
Ion Ratio Lower Upper

94 100

65 25.7 21.4 61.4

66 35.5 44.0 84.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF091903.D

Acq: 23 Dec 2016 4:12

Instrument :

BNA_F

ClientSampleId :

SB-51(11.5-13.5)-121916

Tot Ion:136 Resp: 759775

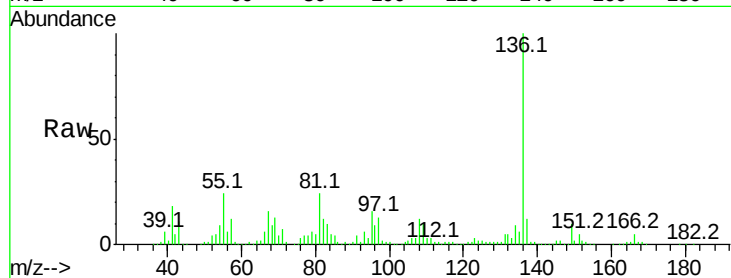
Ion Ratio Lower Upper

136 100

137 12.4 8.4 12.6

54 9.4 4.5 6.7#

68 8.9 3.6 5.4#

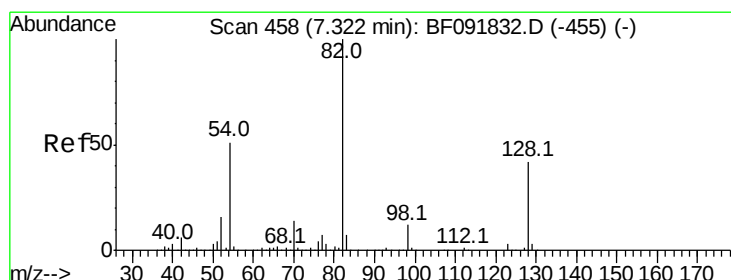
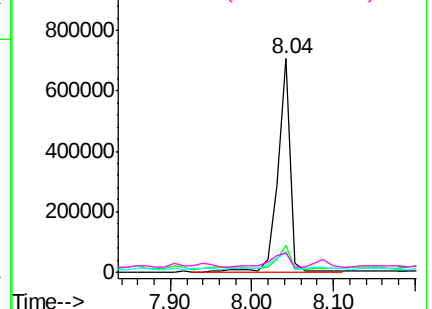
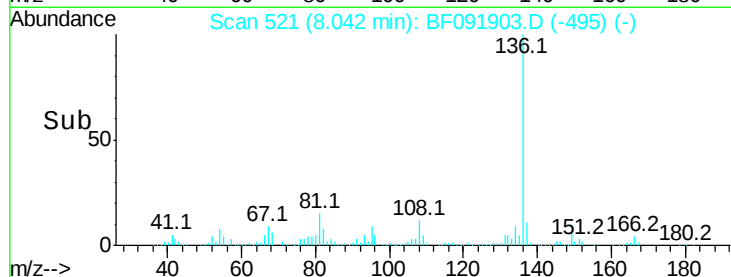


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 105.06 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF091903.D

Acq: 23 Dec 2016 4:12

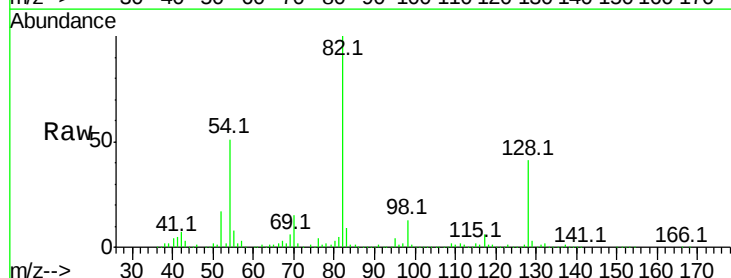
Tgt Ion: 82 Resp: 1435480

Ion Ratio Lower Upper

82 100

128 41.3 34.6 52.0

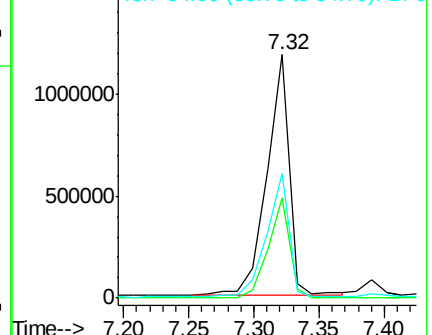
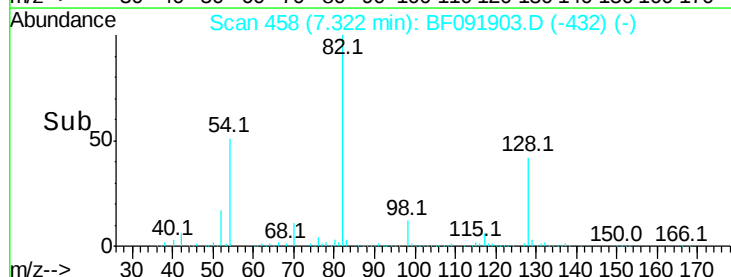
54 51.3 39.5 59.3

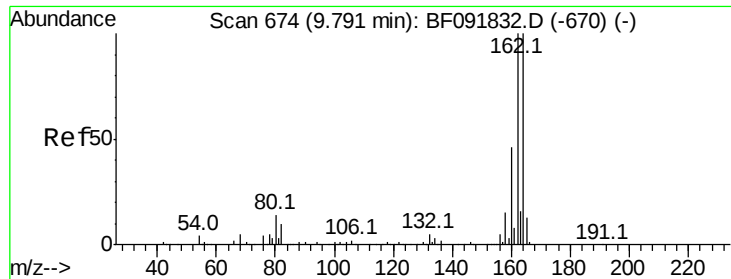


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

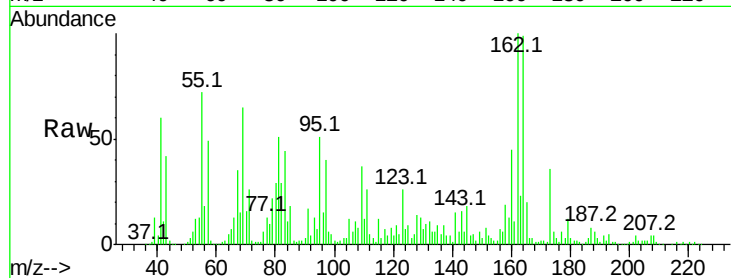




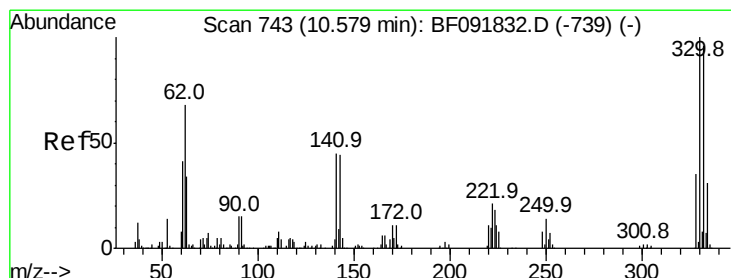
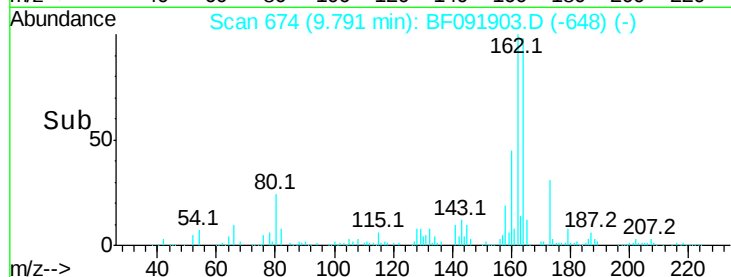
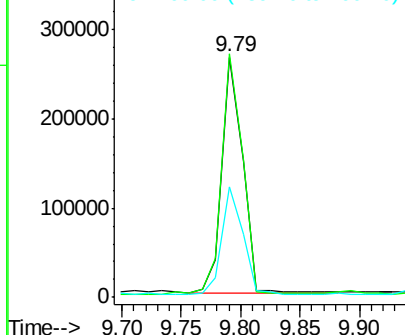
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BF091903.D
 Acq: 23 Dec 2016 4:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-51(11.5-13.5)-121916

Tot Ion:164 Resp: 316199
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.2 120.2
 160 46.0 36.9 55.3

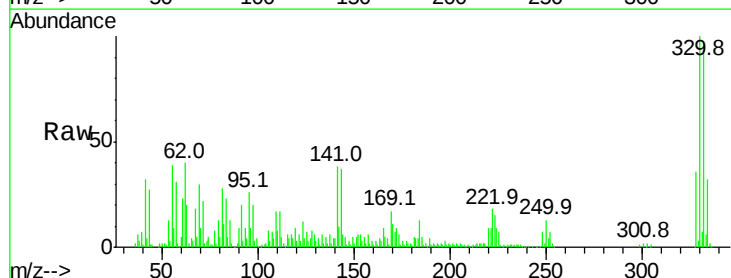


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

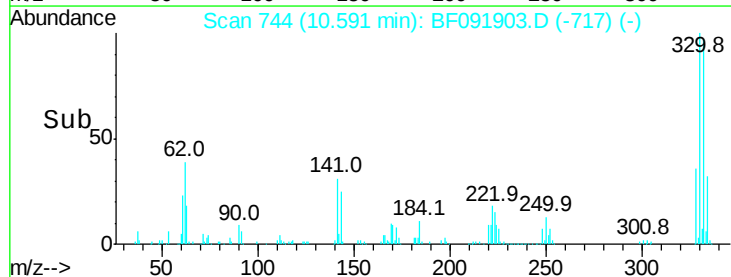
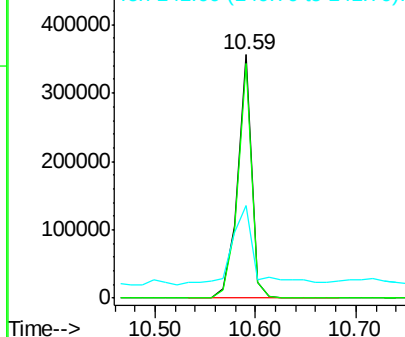


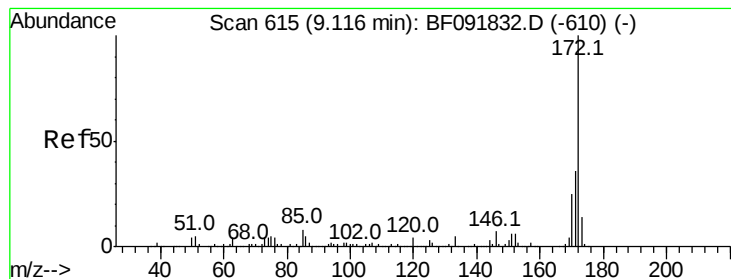
#41
 2,4,6-Tribromophenol
 Concen: 132.45 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.01 min
 Lab File: BF091903.D
 Acq: 23 Dec 2016 4:12

Tgt Ion:330 Resp: 346604
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 50.4 34.1 51.1



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



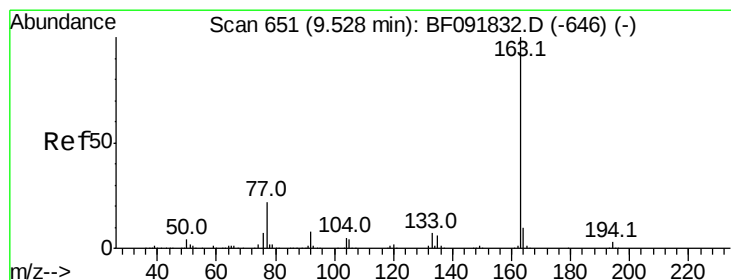
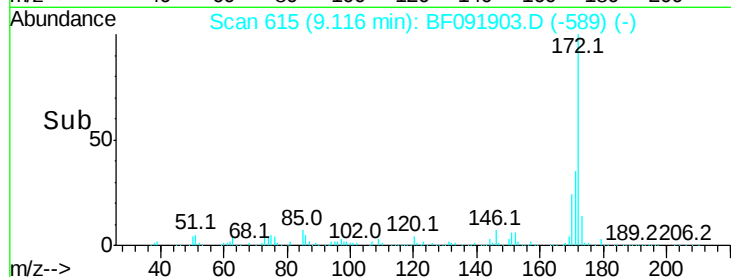
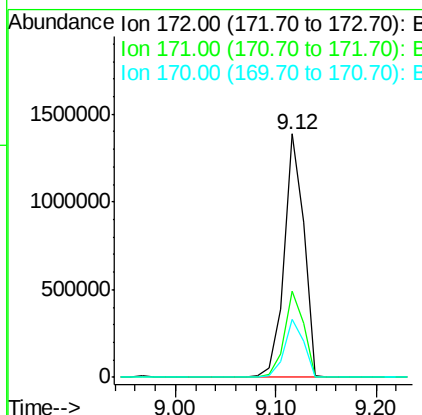
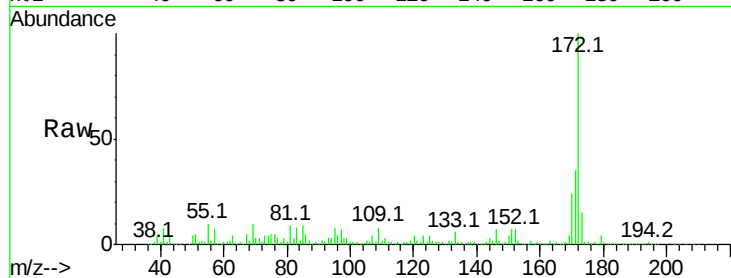


#44
 2-Fluorobiphenyl
 Concen: 128.87 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091903.D
 Acq: 23 Dec 2016 4:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-51(11.5-13.5)-121916

Tot Ion:172 Resp: 1885972

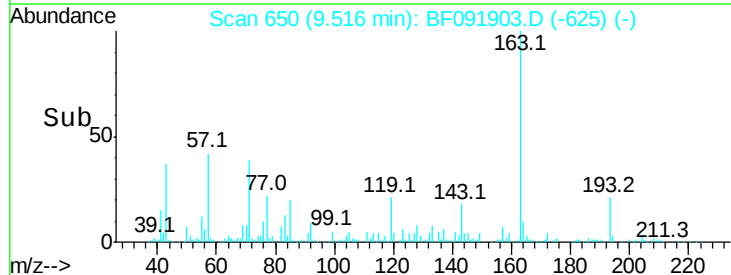
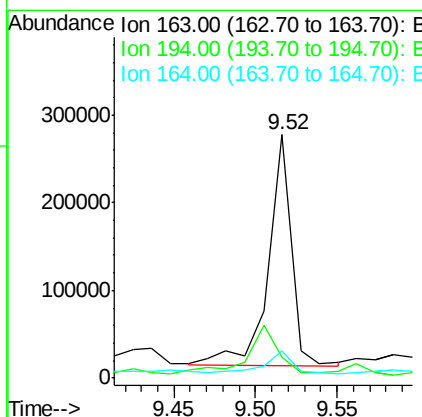
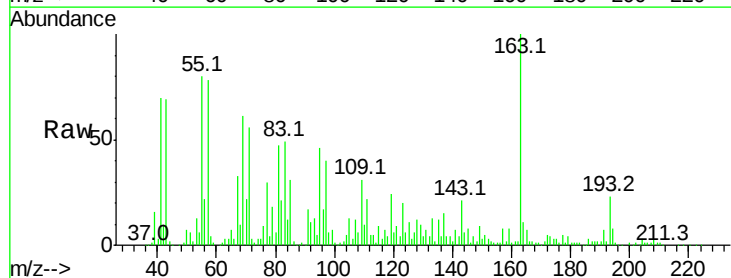
Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.4	44.0
170	24.0	20.2	30.4

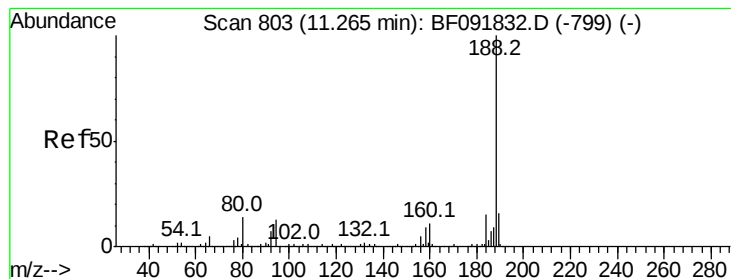


#49
 Dimethylphthalate
 Concen: 12.95 ng
 RT: 9.52 min Scan# 650
 Delta R.T. -0.01 min
 Lab File: BF091903.D
 Acq: 23 Dec 2016 4:12

Tgt Ion:163 Resp: 261842

Ion	Ratio	Lower	Upper
163	100		
194	8.4	3.0	4.4#
164	11.3	8.0	12.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF091903.D

Acq: 23 Dec 2016 4:12

Instrument :

BNA_F

ClientSampleId :

SB-51(11.5-13.5)-121916

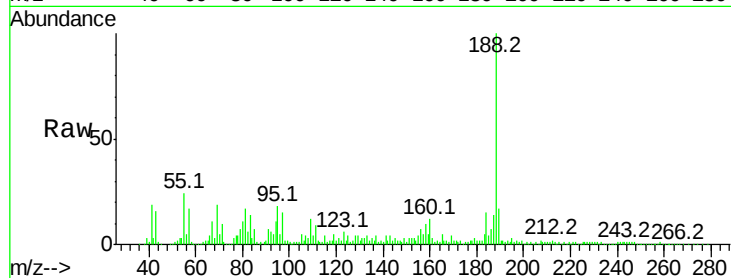
Tot Ion:188 Resp: 489397

Ion Ratio Lower Upper

188 100

94 10.7 10.0 15.0

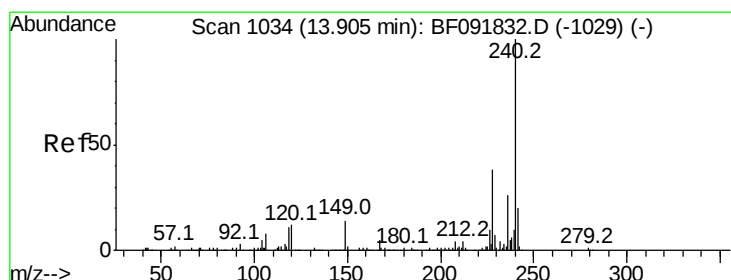
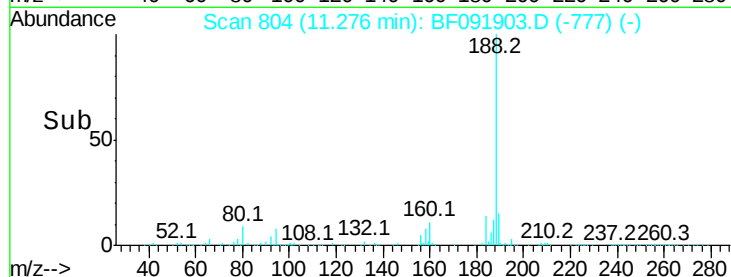
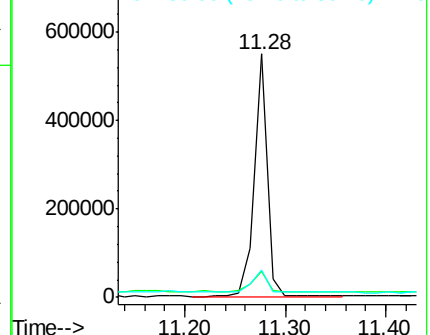
80 11.4 11.2 16.8



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: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091903.D

Acq: 23 Dec 2016 4:12

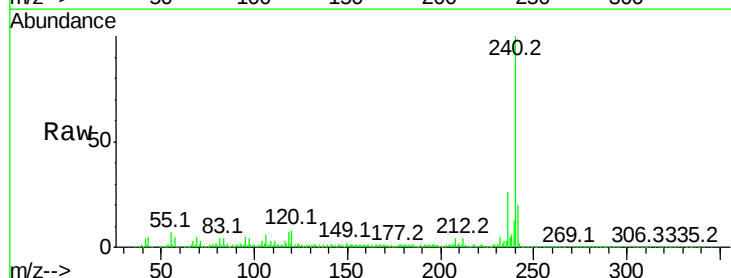
Tgt Ion:240 Resp: 388150

Ion Ratio Lower Upper

240 100

120 8.3 12.9 19.3#

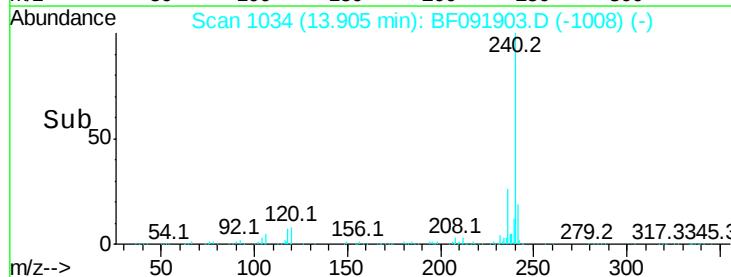
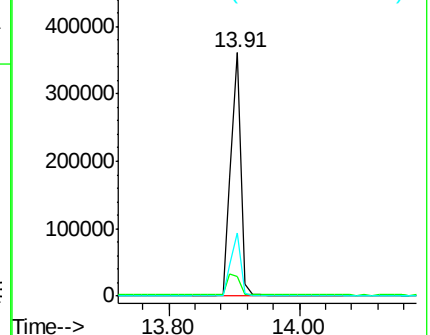
236 25.7 20.9 31.3

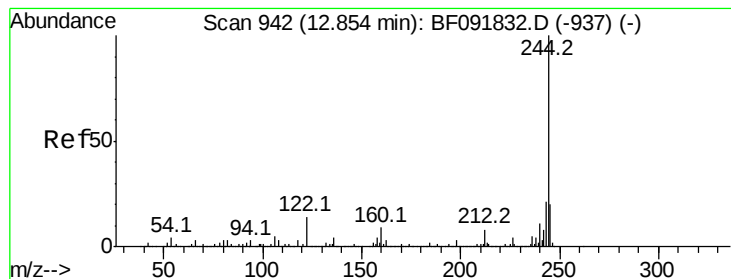


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.50 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF091903.D

Acq: 23 Dec 2016 4:12

Instrument :

BNA_F

ClientSampleId :

SB-51(11.5-13.5)-121916

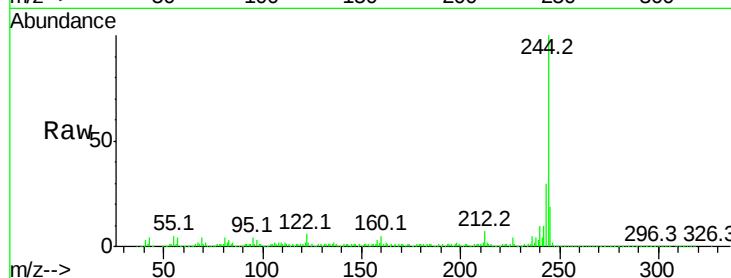
Tot Ion:244 Resp: 1448424

Ion Ratio Lower Upper

244 100

212 6.6 6.2 9.2

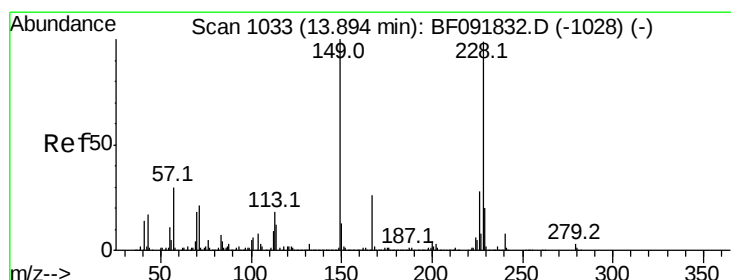
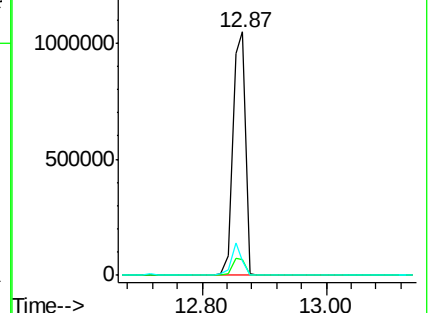
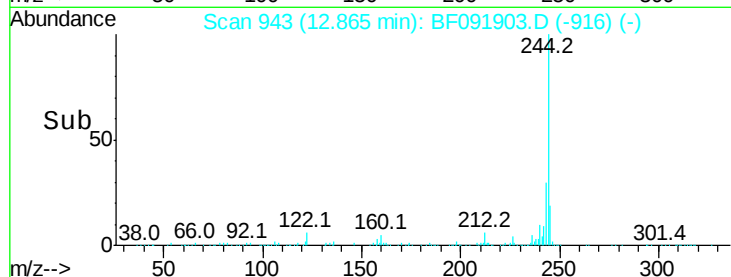
122 6.0 11.4 17.2#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 32.66 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF091903.D

Acq: 23 Dec 2016 4:12

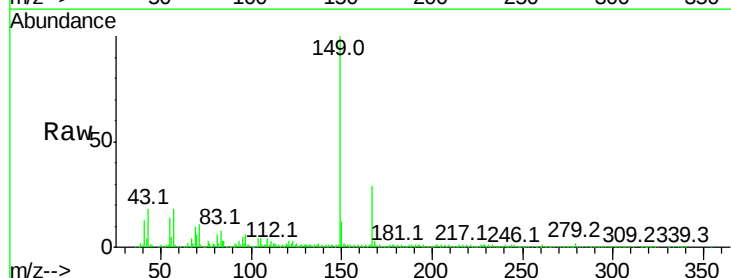
Tgt Ion:149 Resp: 498223

Ion Ratio Lower Upper

149 100

167 28.9 20.2 30.4

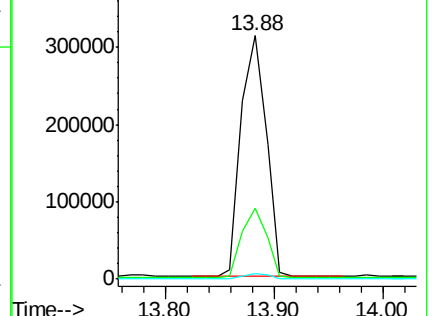
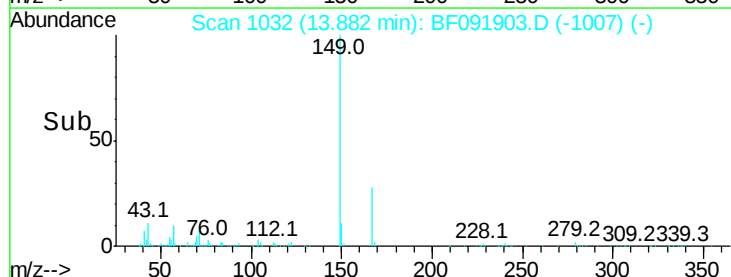
279 2.2 1.8 2.8

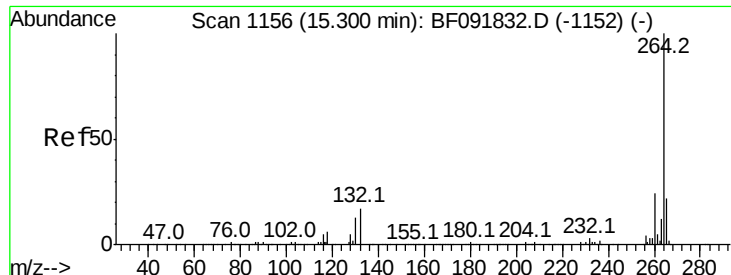


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

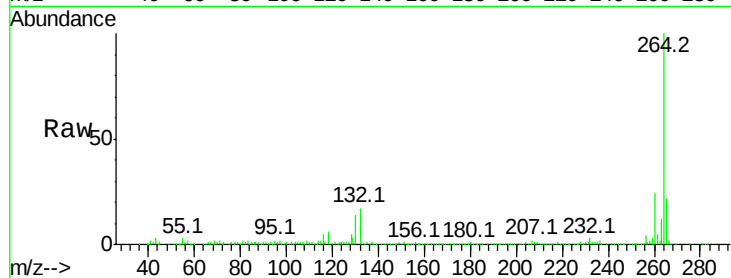




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF091903.D
Acq: 23 Dec 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-51(11.5-13.5)-121916

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.4	26.0



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

