

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
 Data File : BF092728.D
 Acq On : 2 Feb 2017 3:31
 Operator : SJ/MA
 Sample : I1615-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-4

Quant Time: Feb 02 04:11:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

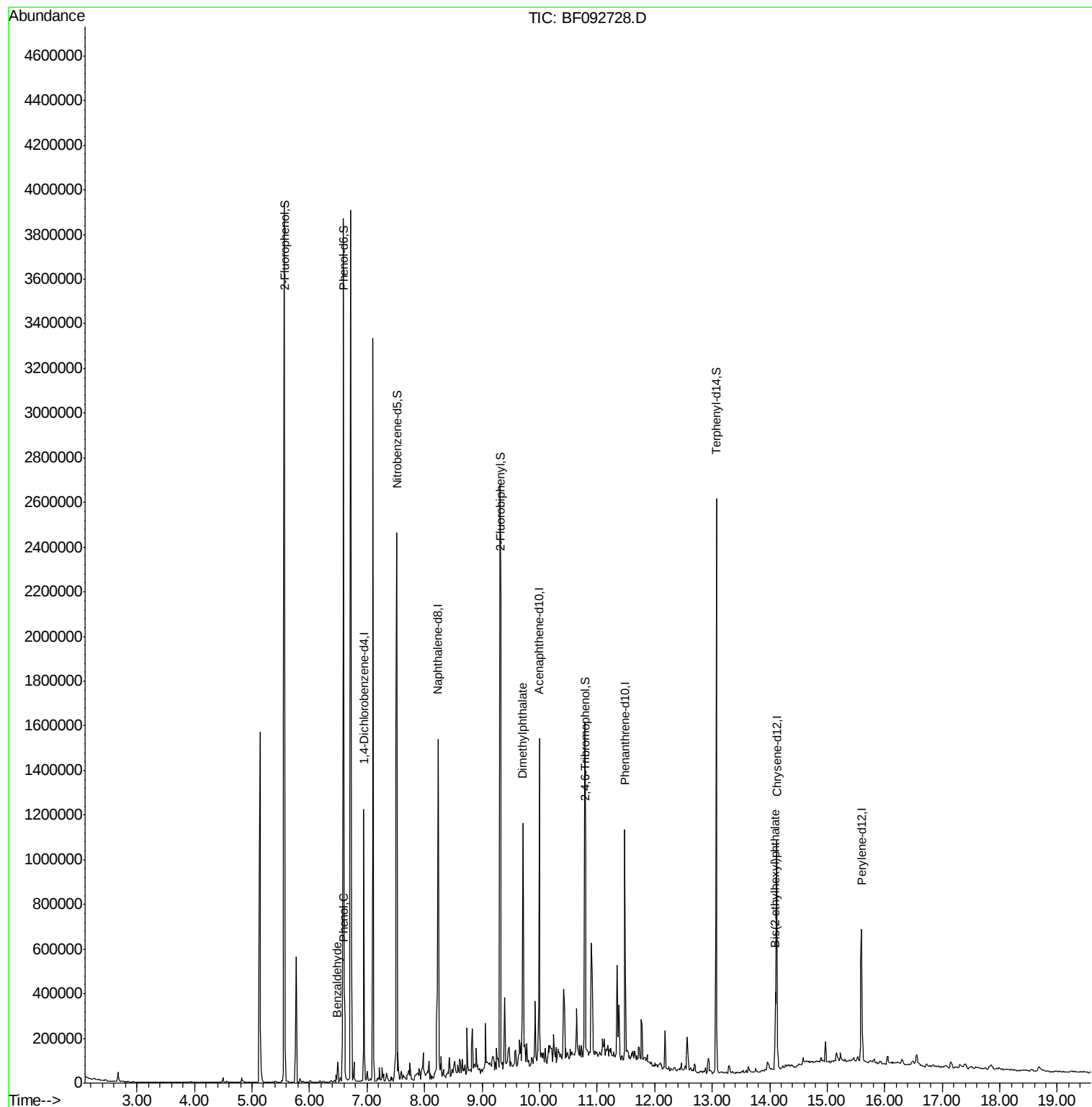
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	162635	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	623312	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	294034	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	390082	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	339236	20.00	ng	-0.02
86) Perylene-d12	15.60	264	294561	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1085012	114.46	ng	-0.01
7) Phenol-d6	6.59	99	1470306	120.54	ng	-0.01
23) Nitrobenzene-d5	7.52	82	953355	85.17	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	217160	102.11	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1193542	73.54	ng	-0.01
78) Terphenyl-d14	13.07	244	752712	52.14	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.49	77	17802	2.04	ng	Qvalue 91
10) Phenol	6.60	94	105588	7.40	ng	# 64
49) Dimethylphthalate	9.71	163	347275	17.53	ng	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	94833	6.73	ng	95

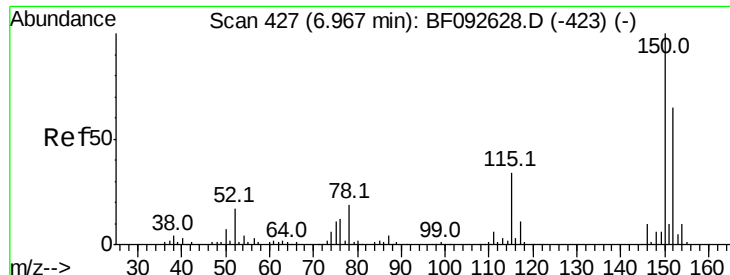
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092728.D

Acq: 2 Feb 2017 3:31

Instrument :

BNA_F

ClientSampleId :

SS-4

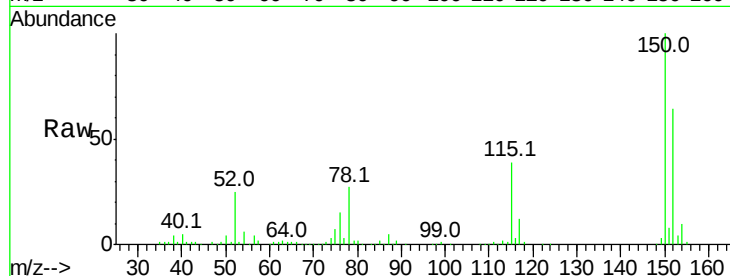
Tot Ion:152 Resp: 162635

Ion Ratio Lower Upper

152 100

150 155.6 124.9 187.3

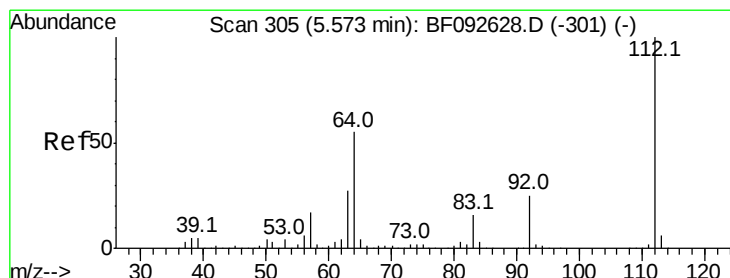
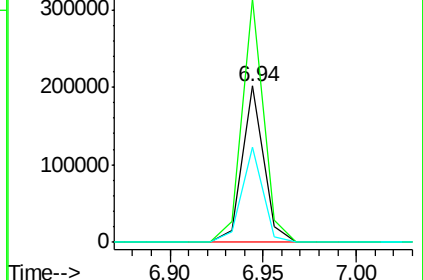
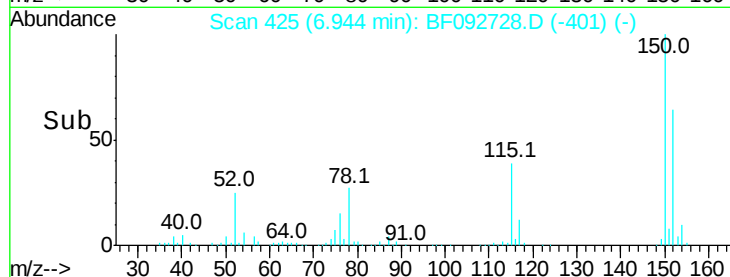
115 60.5 46.0 69.0



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: 114.46 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092728.D

Acq: 2 Feb 2017 3:31

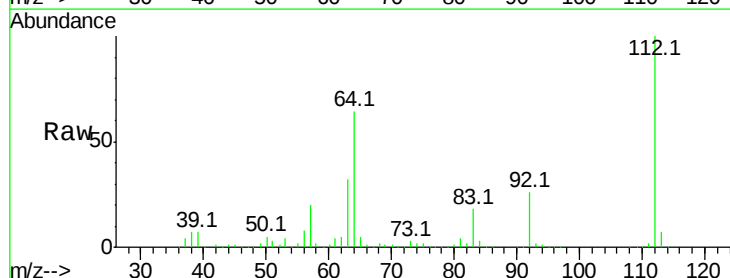
Tgt Ion:112 Resp: 1085012

Ion Ratio Lower Upper

112 100

64 64.0 46.1 69.1

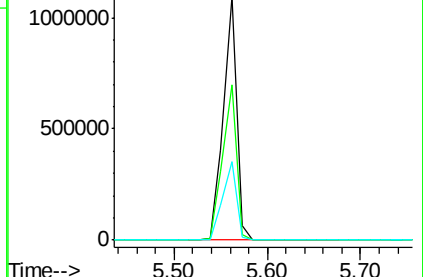
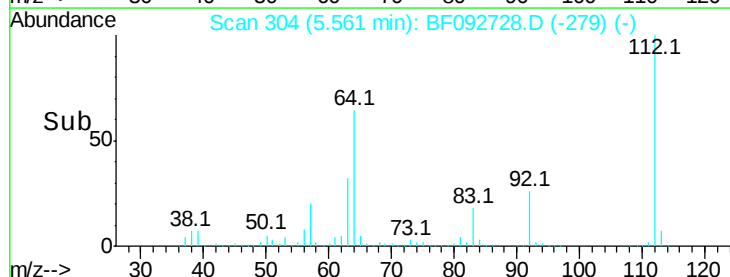
63 32.4 23.8 35.6

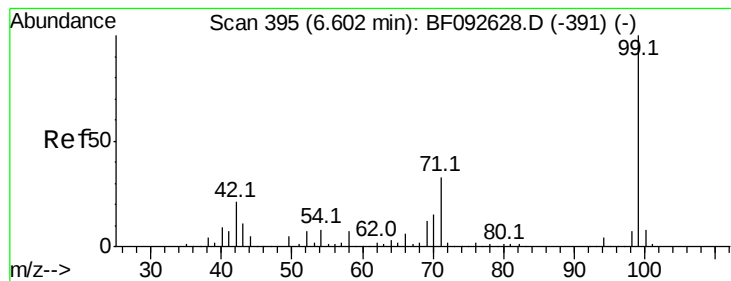


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.54 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092728.D

Acq: 2 Feb 2017 3:31

Instrument :

BNA_F

ClientSampleId :

SS-4

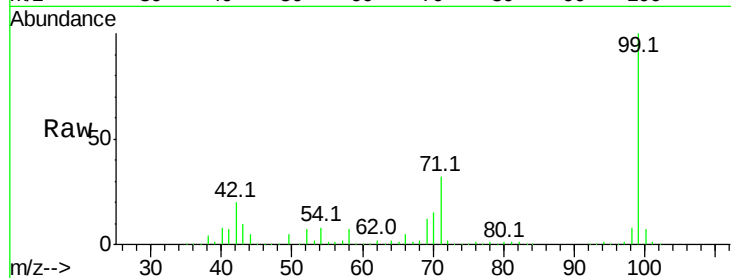
Tot Ion: 99 Resp: 1470306

Ion Ratio Lower Upper

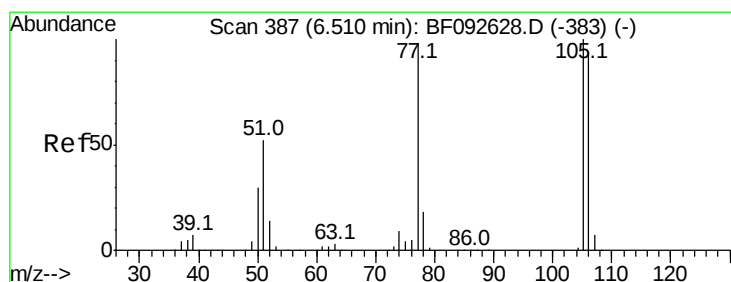
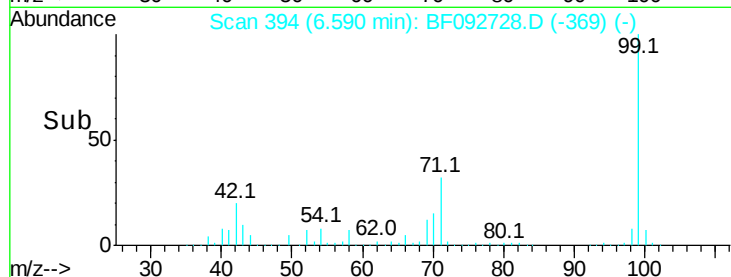
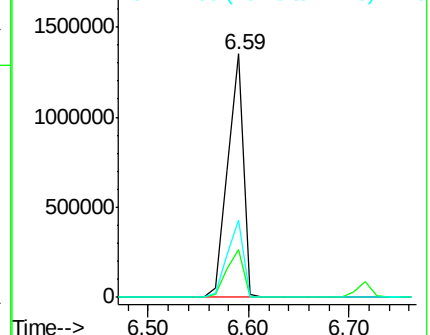
99 100

42 19.6 15.6 23.4

71 32.0 27.5 41.3



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: 2.04 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF092728.D

Acq: 2 Feb 2017 3:31

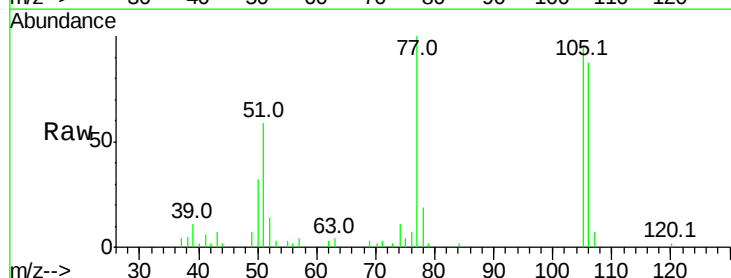
Tgt Ion: 77 Resp: 17802

Ion Ratio Lower Upper

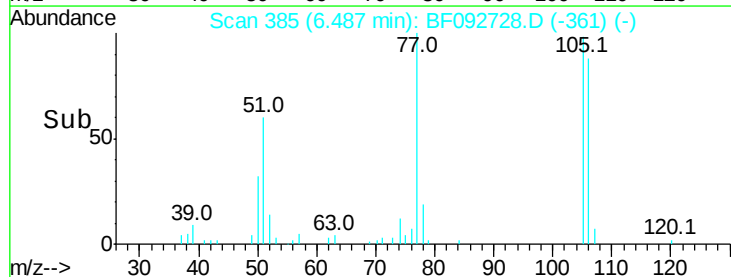
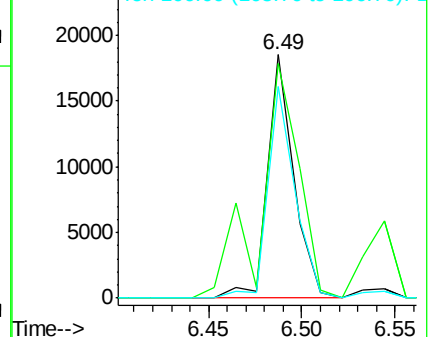
77 100

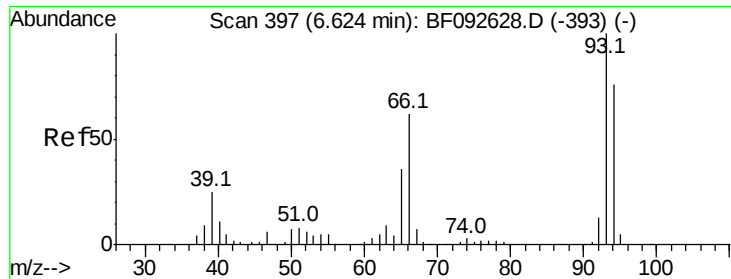
105 96.3 83.9 123.9

106 86.8 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 7.40 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092728.D

Acq: 2 Feb 2017 3:31

Instrument :

BNA_F

ClientSampleId :

SS-4

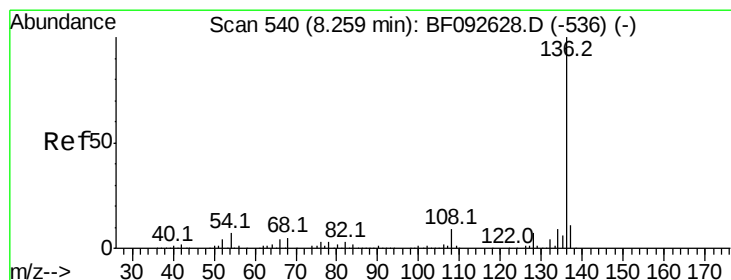
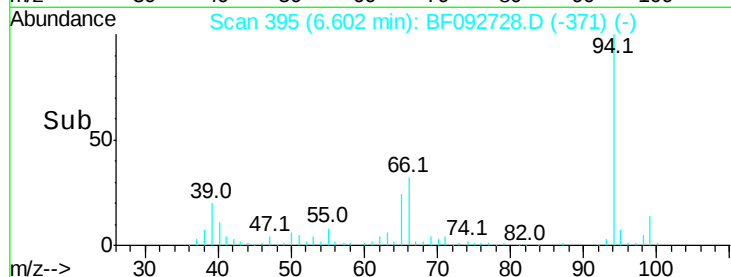
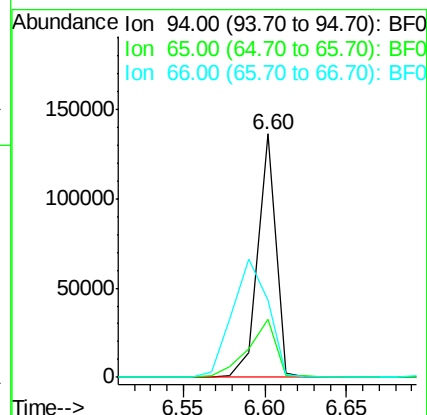
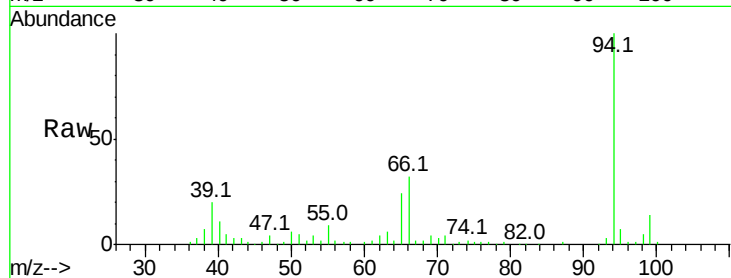
Tot Ion: 94 Resp: 105588

Ion Ratio Lower Upper

94 100

65 24.0 21.4 61.4

66 31.8 44.0 84.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF092728.D

Acq: 2 Feb 2017 3:31

Tgt Ion: 136 Resp: 623312

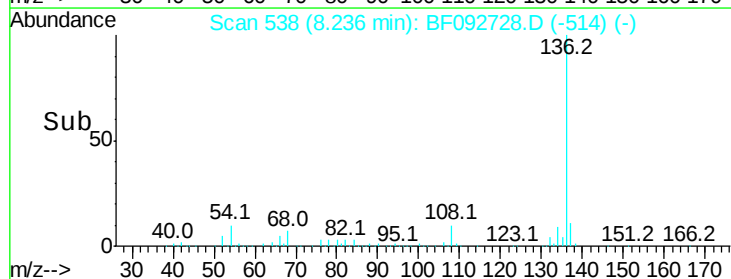
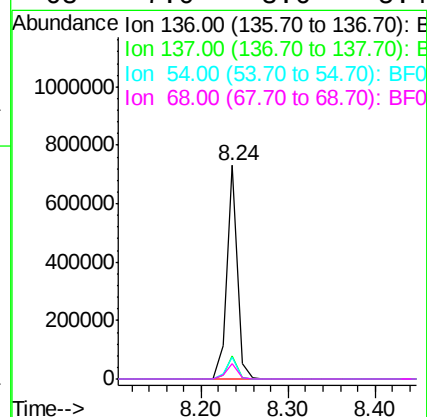
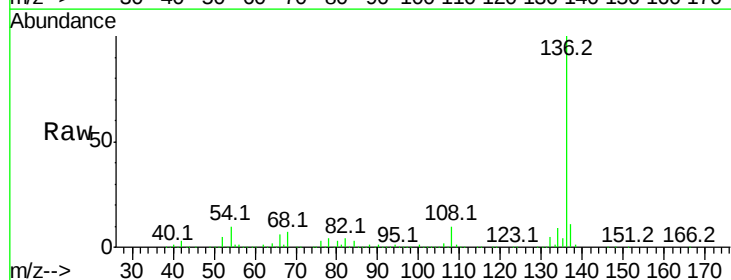
Ion Ratio Lower Upper

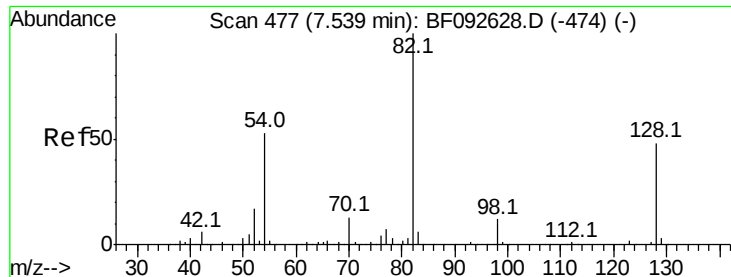
136 100

137 11.0 8.4 12.6

54 10.3 4.5 6.7#

68 7.0 3.6 5.4#

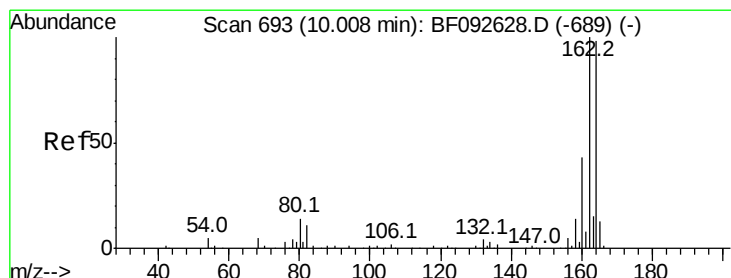
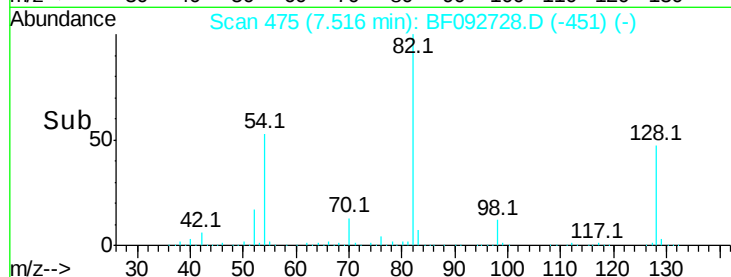
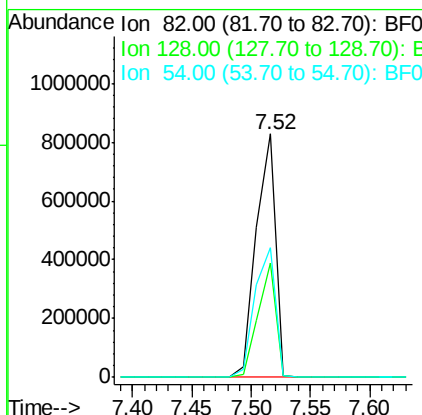
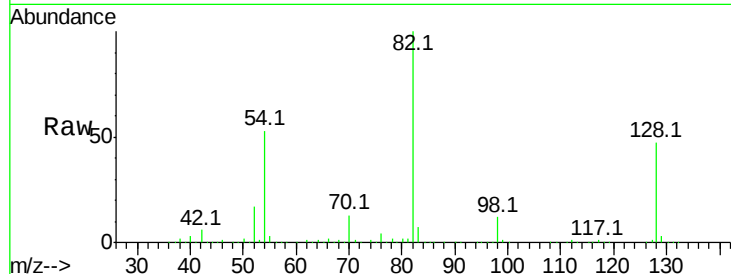




#23
 Nitrobenzene-d5
 Concen: 85.17 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF092728.D
 Acq: 2 Feb 2017 3:31

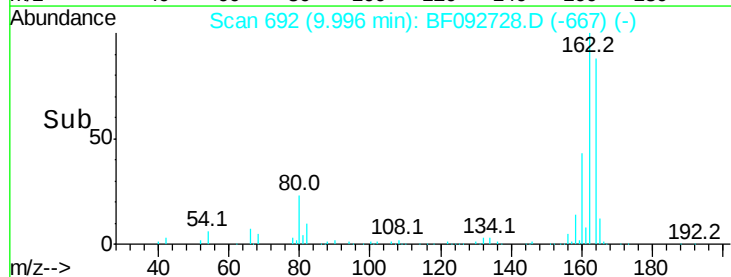
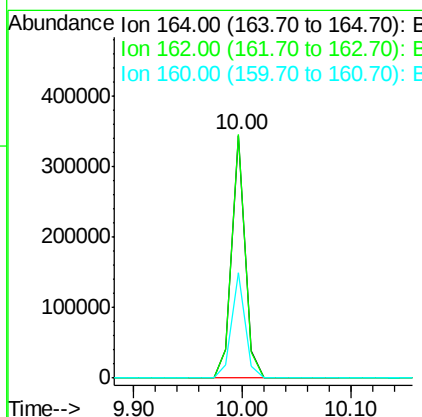
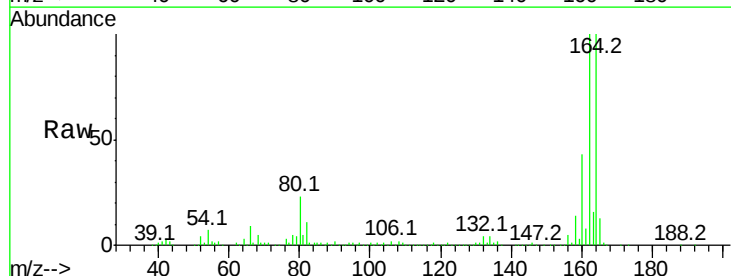
Instrument :
 BNA_F
 ClientSampleId :
 SS-4

Tot Ion	82	Resp	953355
Ion Ratio	100	Lower	Upper
128	46.7	34.6	52.0
54	53.2	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF092728.D
 Acq: 2 Feb 2017 3:31

Tgt Ion	164	Resp	294034
Ion Ratio	100	Lower	Upper
162	100.4	80.2	120.2
160	43.3	36.9	55.3

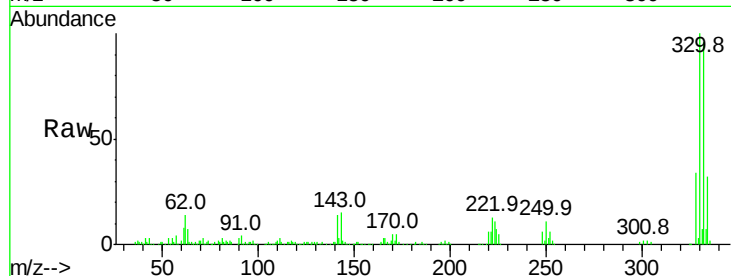




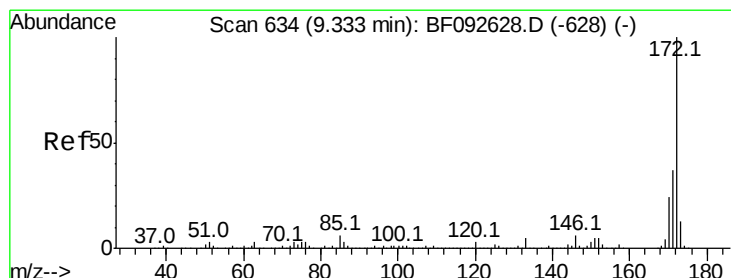
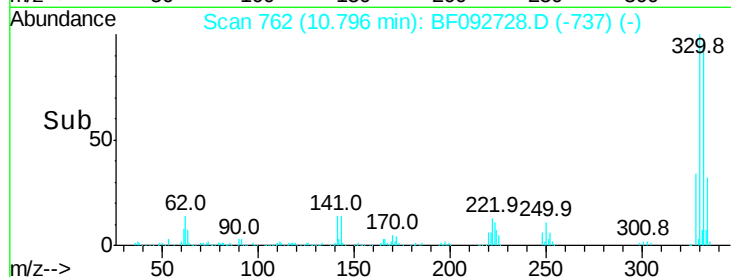
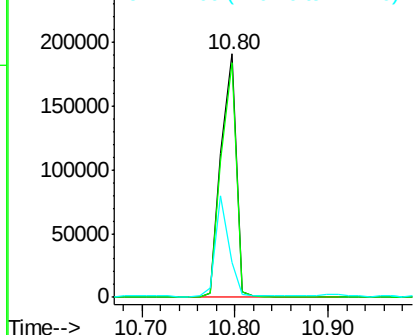
#41
 2,4,6-Tribromophenol
 Concen: 102.11 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092728.D
 Acq: 2 Feb 2017 3:31

Instrument :
 BNA_F
 ClientSampled :
 SS-4

Tot Ion:330 Resp: 217160
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.2
 141 36.7 34.1 51.1

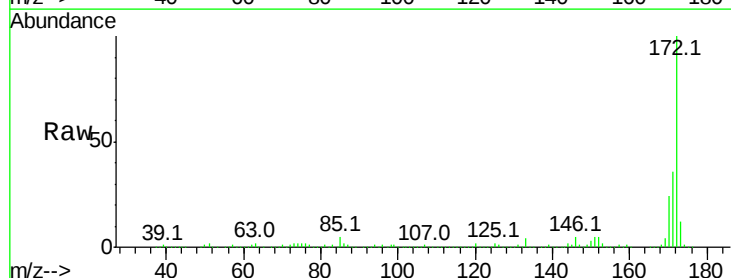


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

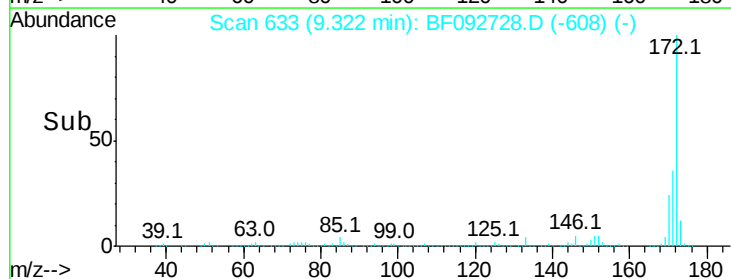
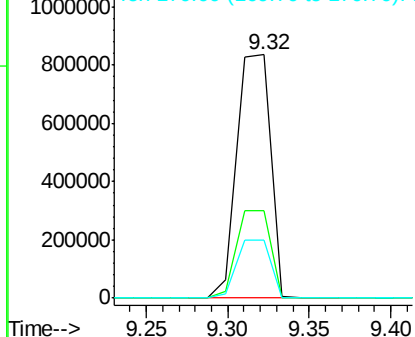


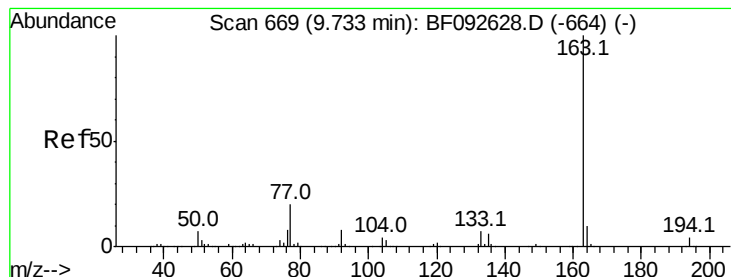
#44
 2-Fluorobiphenyl
 Concen: 73.54 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092728.D
 Acq: 2 Feb 2017 3:31

Tgt Ion:172 Resp: 1193542
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.0 20.2 30.4



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: 17.53 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF092728.D

Acq: 2 Feb 2017 3:31

Instrument :

BNA_F

ClientSampled :

SS-4

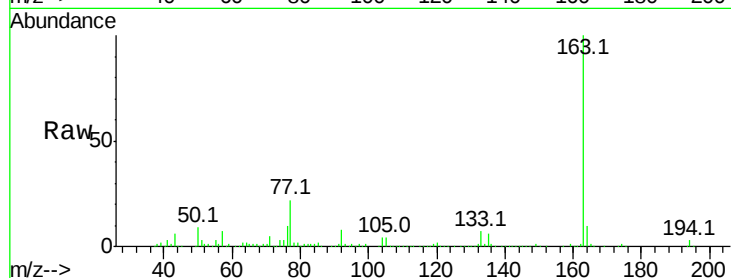
Tot Ion:163 Resp: 347275

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

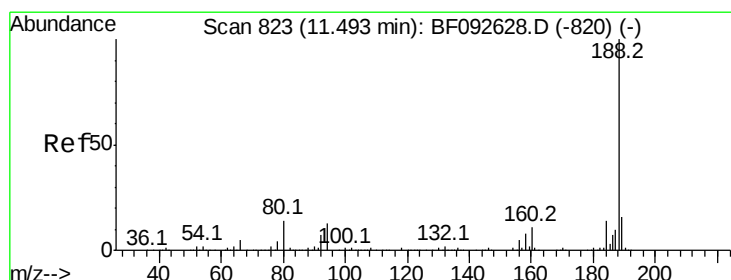
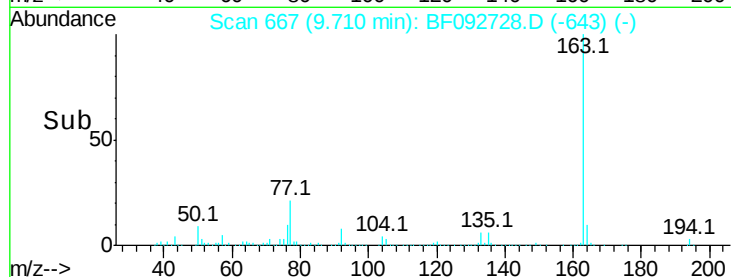
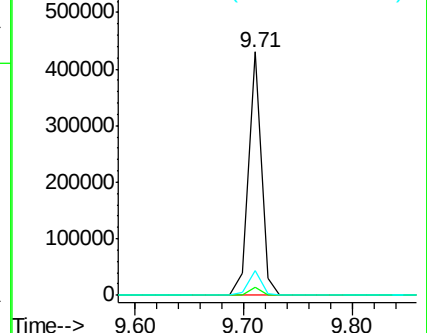
164 10.1 8.0 12.0



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: 11.48 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF092728.D

Acq: 2 Feb 2017 3:31

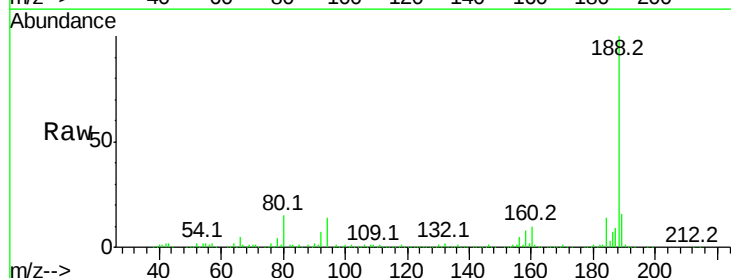
Tgt Ion:188 Resp: 390082

Ion Ratio Lower Upper

188 100

94 14.1 10.0 15.0

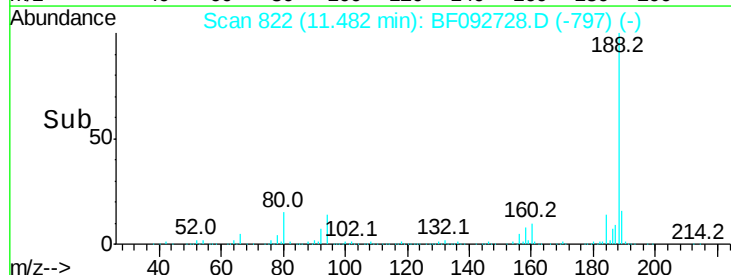
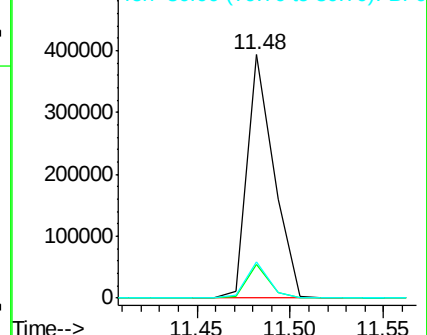
80 15.0 11.2 16.8

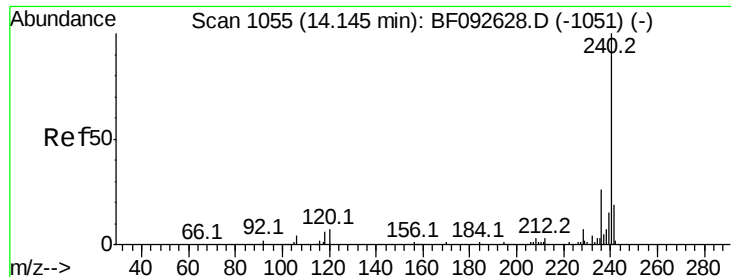


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092728.D

Acq: 2 Feb 2017 3:31

Instrument :

BNA_F

ClientSampled :

SS-4

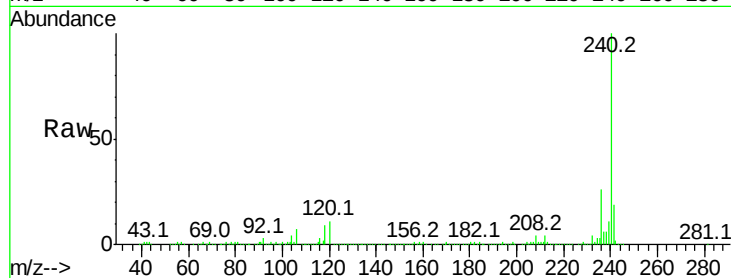
Tot Ion:240 Resp: 339236

Ion Ratio Lower Upper

240 100

120 11.0 12.9 19.3#

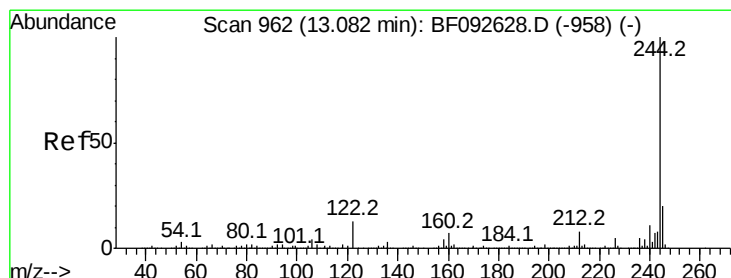
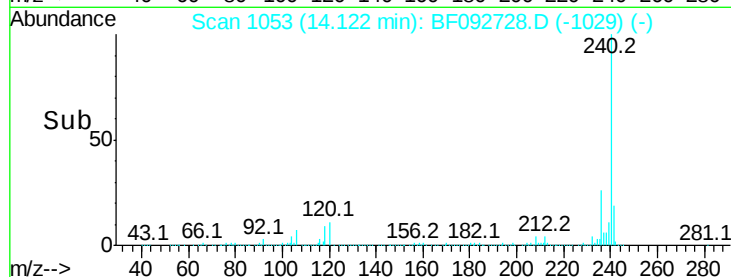
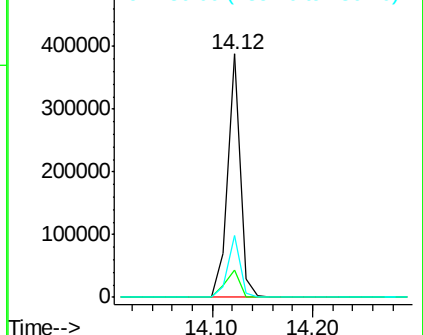
236 25.6 20.9 31.3



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: 52.14 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092728.D

Acq: 2 Feb 2017 3:31

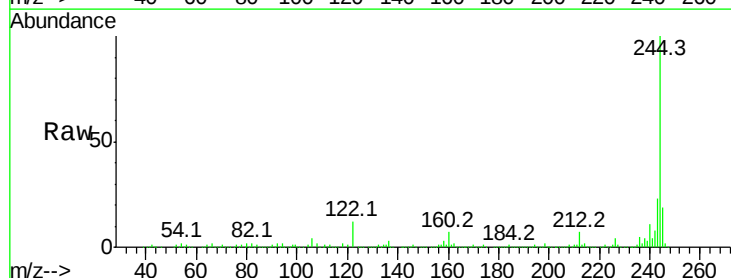
Tgt Ion:244 Resp: 752712

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

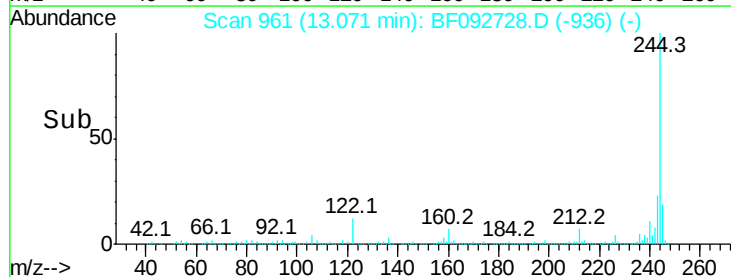
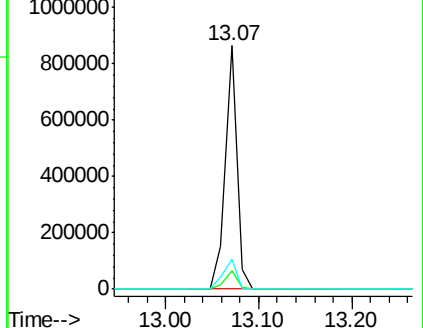
122 12.2 11.4 17.2

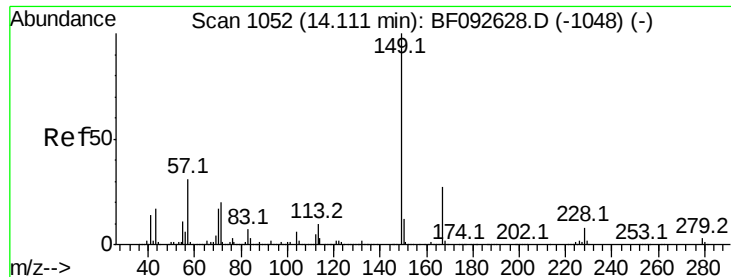


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.73 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF092728.D

Acq: 2 Feb 2017 3:31

Instrument :

BNA_F

ClientSampled :

SS-4

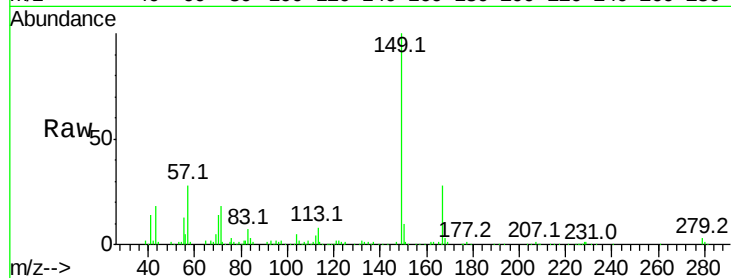
Tot Ion:149 Resp: 94833

Ion Ratio Lower Upper

149 100

167 27.7 20.2 30.4

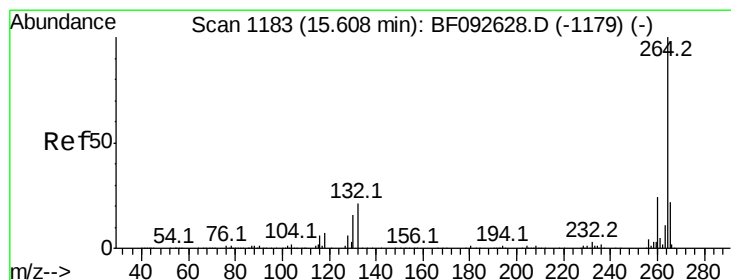
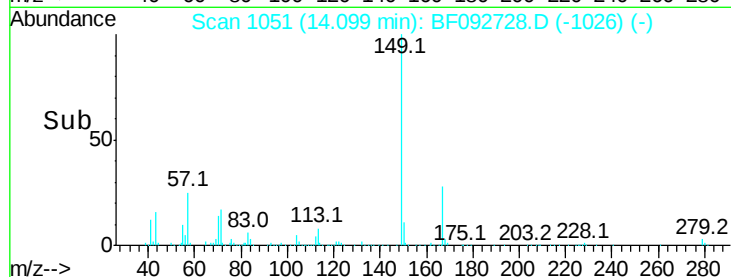
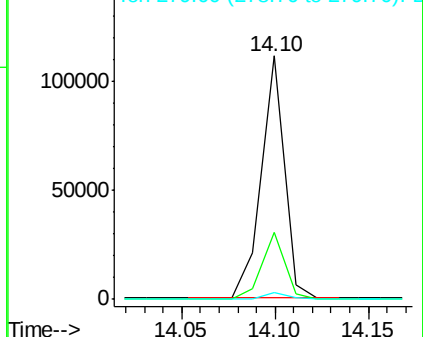
279 2.7 1.8 2.8



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

Perylene-d12

Concen: 20.00 ng

RT: 15.60 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF092728.D

Acq: 2 Feb 2017 3:31

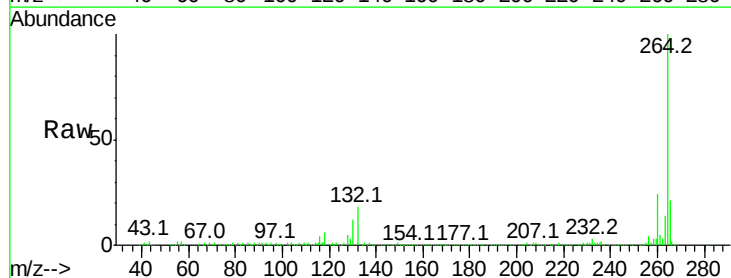
Tgt Ion:264 Resp: 294561

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.0 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

