

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
 Data File : BF088130.D
 Acq On : 18 Jun 2016 13:19
 Operator : UM/SJ
 Sample : H3501-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS3-0-6

Quant Time: Jun 20 04:34:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

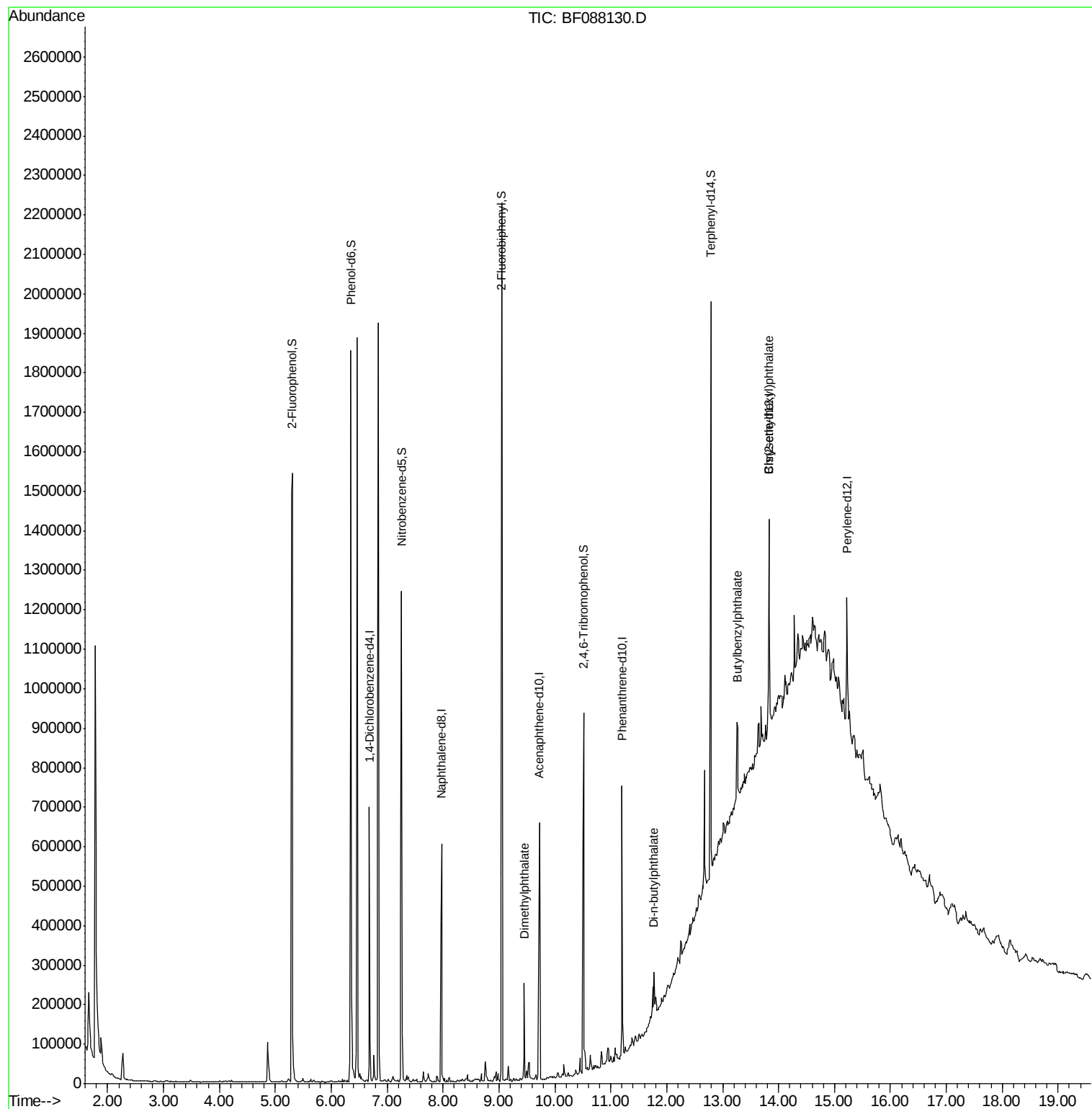
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	101099	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	367552	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	149265	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	229433	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	166679	20.00	ng	-0.02
86) Perylene-d12	15.22	264	140258	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	722429	122.16	ng	0.02
7) Phenol-d6	6.35	99	809232	112.91	ng	0.00
23) Nitrobenzene-d5	7.26	82	437522	69.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	137503	87.24	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	710184	74.03	ng	-0.02
78) Terphenyl-d14	12.79	244	507769	69.32	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.45	163	102082	9.44	ng	99
73) Di-n-butylphthalate	11.77	149	54015	3.75	ng	99
79) Butylbenzylphthalate	13.27	149	80091	14.65	ng	94
83) Bis(2-ethylhexyl)phthalate	13.83	149	98691	14.83	ng	# 98

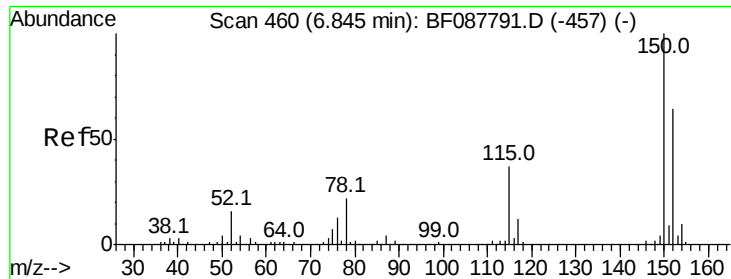
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF088130.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_F

ClientSampleId :

SS3-0-6

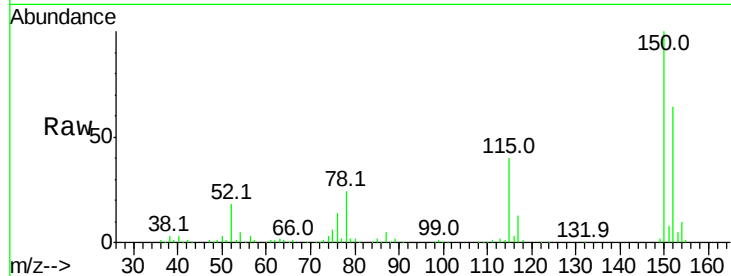
Tot Ion:152 Resp: 101099

Ion Ratio Lower Upper

152 100

150 157.5 123.8 185.6

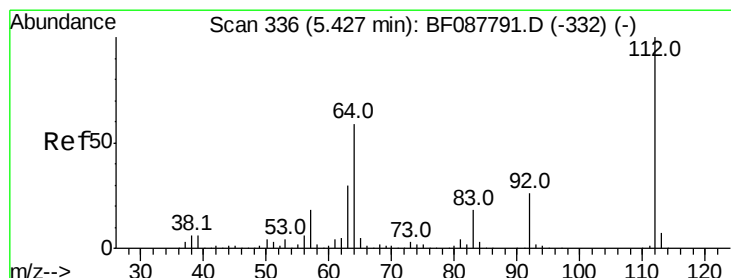
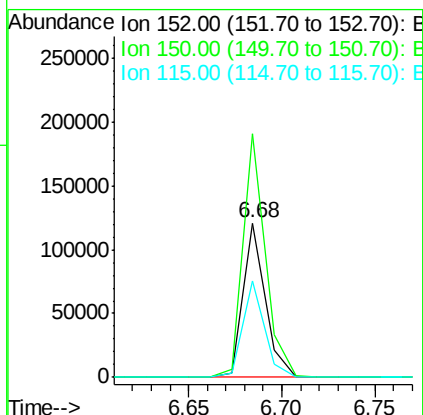
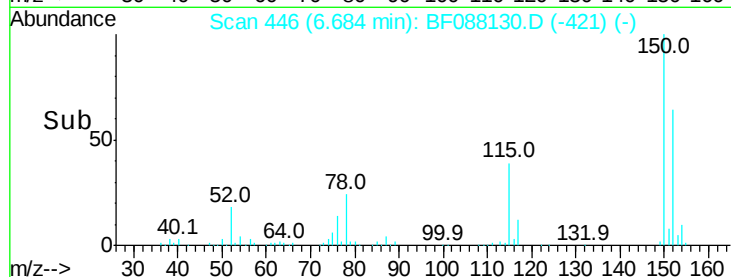
115 62.6 39.6 59.4#



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: 122.16 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.02 min

Lab File: BF088130.D

Acq: 18 Jun 2016 13:19

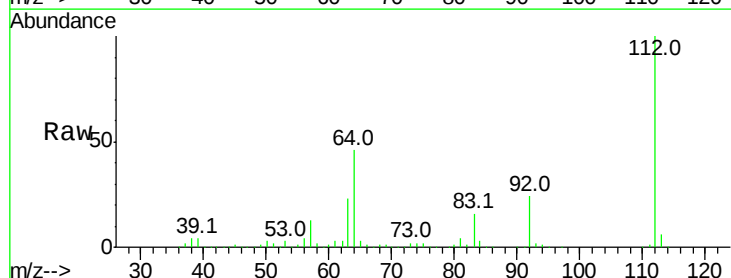
Tgt Ion:112 Resp: 722429

Ion Ratio Lower Upper

112 100

64 45.5 42.2 63.2

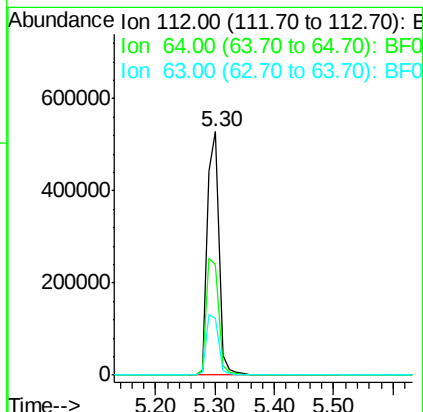
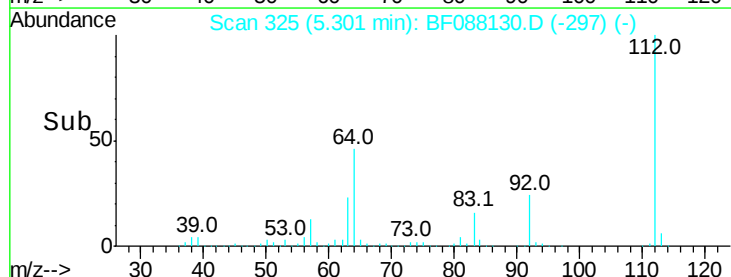
63 23.3 21.8 32.8

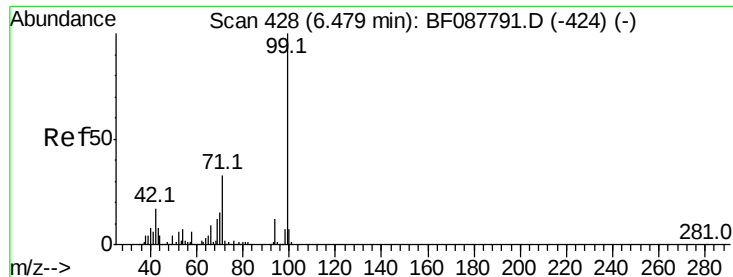


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.91 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088130.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_F

ClientSampleId :

SS3-0-6

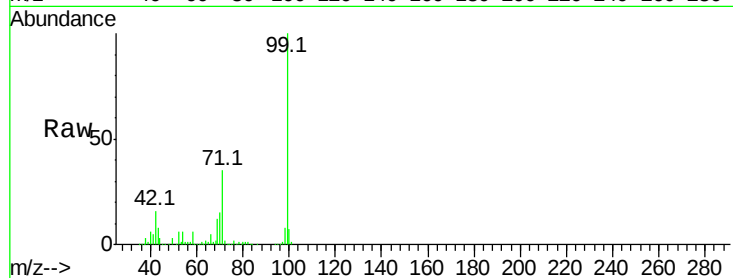
Tot Ion: 99 Resp: 809232

Ion Ratio Lower Upper

99 100

42 15.6 12.2 18.2

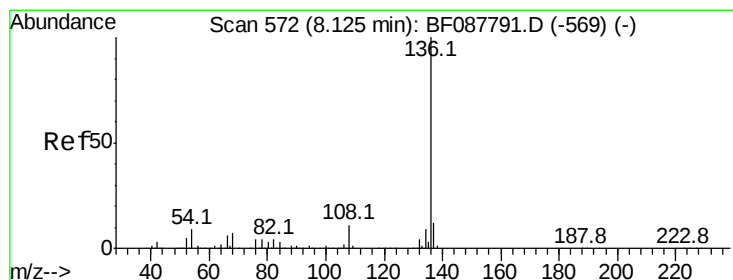
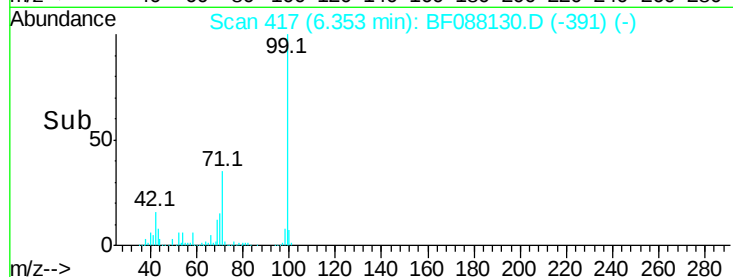
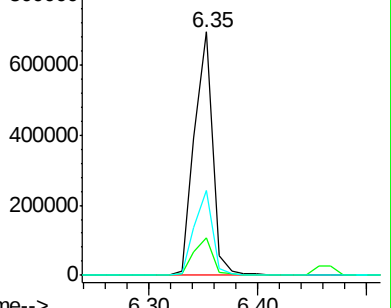
71 34.6 23.4 35.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088130.D

Acq: 18 Jun 2016 13:19

Tgt Ion: 136 Resp: 367552

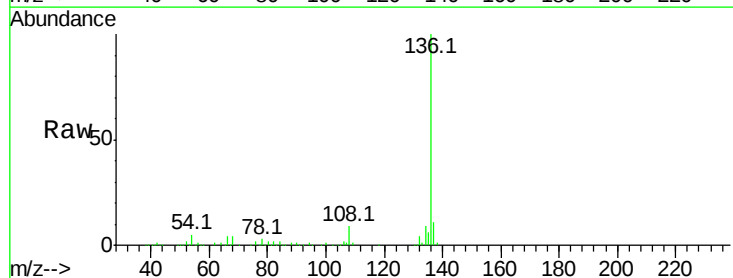
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 4.9 6.6 10.0#

68 4.4 5.1 7.7#

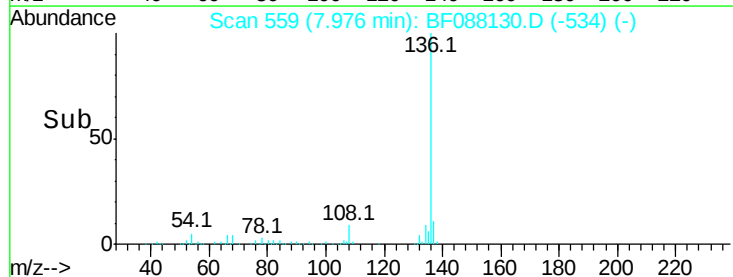
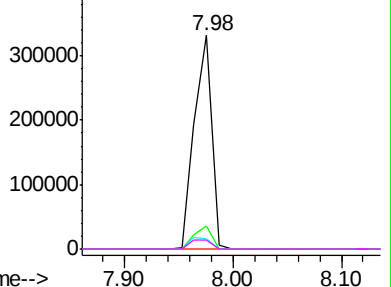


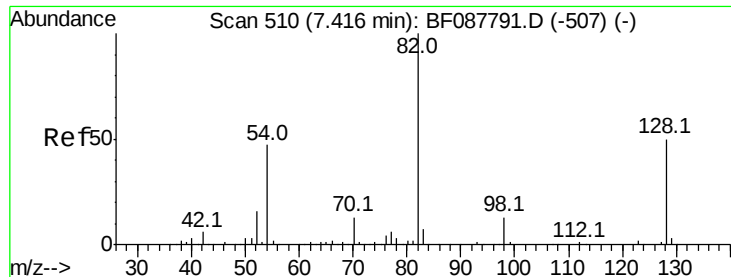
Abundance Ion 136.00 (135.70 to 136.70): E

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

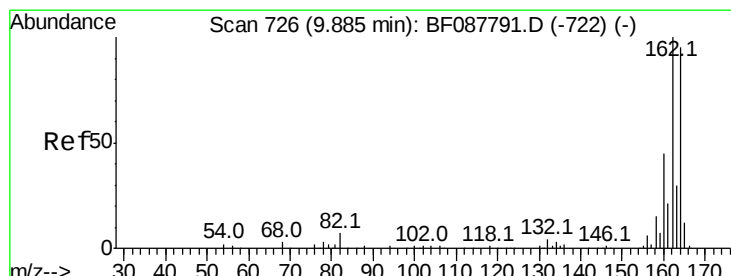
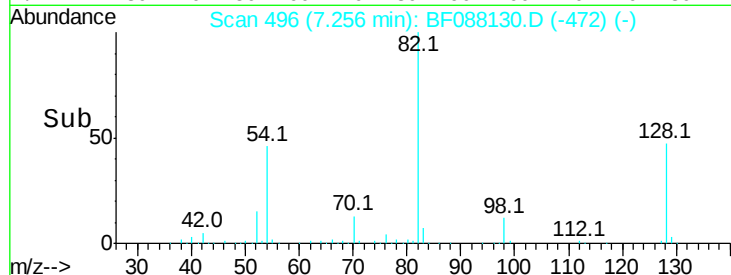
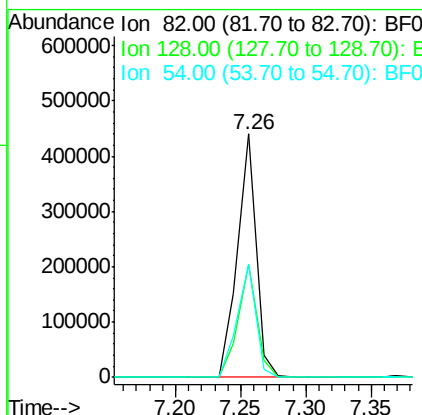
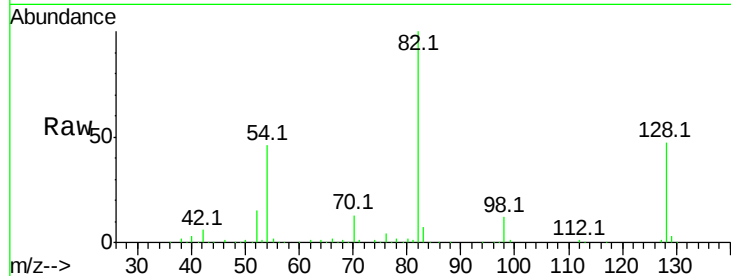




#23
 Nitrobenzene-d5
 Concen: 69.51 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088130.D
 Acq: 18 Jun 2016 13:19

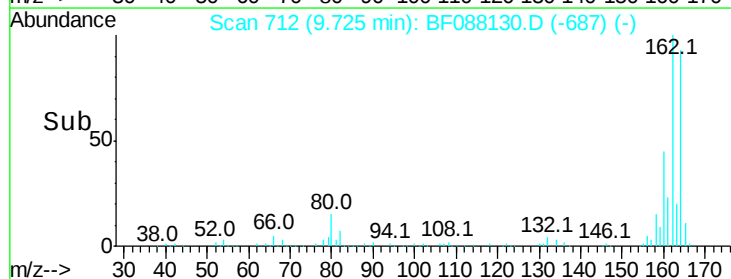
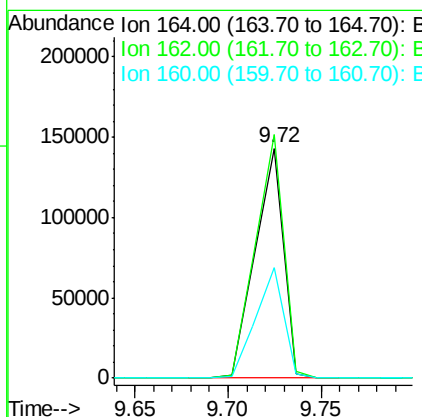
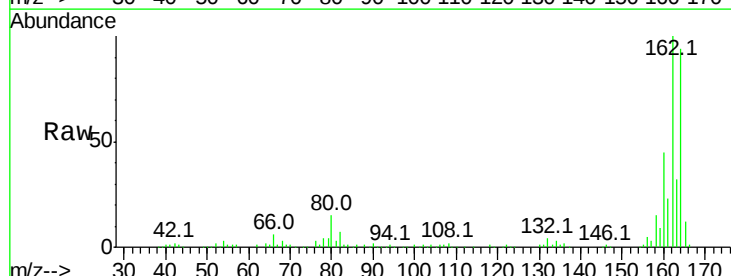
Instrument :
 BNA_F
 ClientSampled :
 SS3-0-6

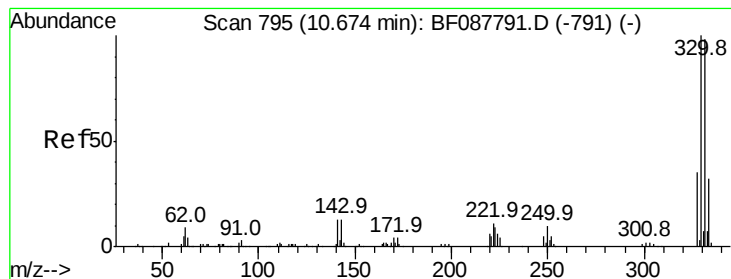
Tot Ion: 82 Resp: 437522
 Ion Ratio Lower Upper
 82 100
 128 46.6 35.9 53.9
 54 46.4 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088130.D
 Acq: 18 Jun 2016 13:19

Tgt Ion: 164 Resp: 149265
 Ion Ratio Lower Upper
 164 100
 162 106.0 85.4 128.2
 160 47.9 39.5 59.3

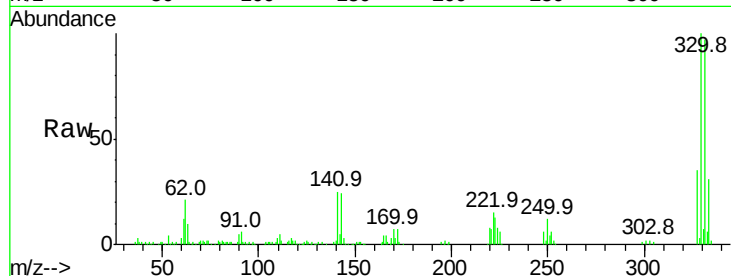




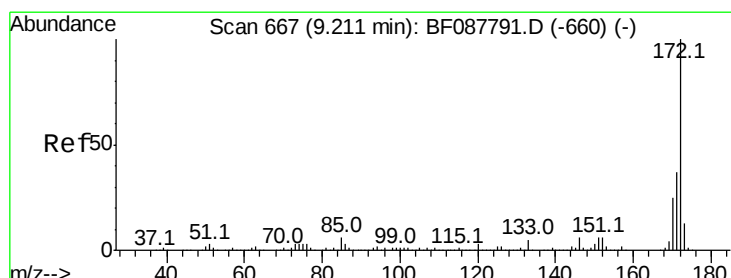
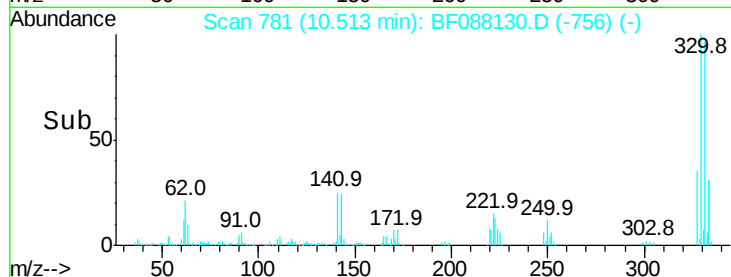
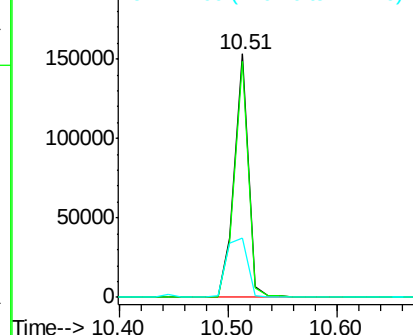
#41
 2,4,6-Tribromophenol
 Concen: 87.24 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088130.D
 Acq: 18 Jun 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 SS3-0-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	37.6	0.0	0.0#

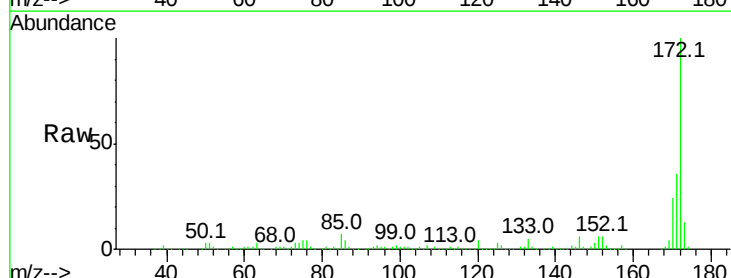


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

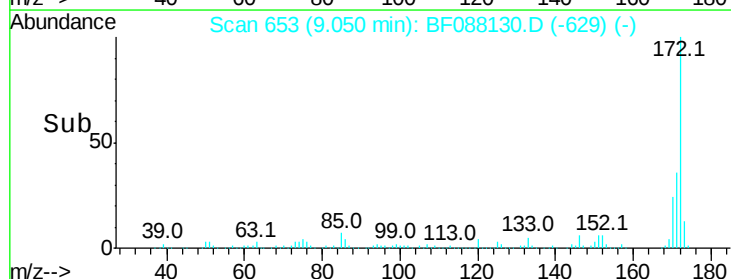
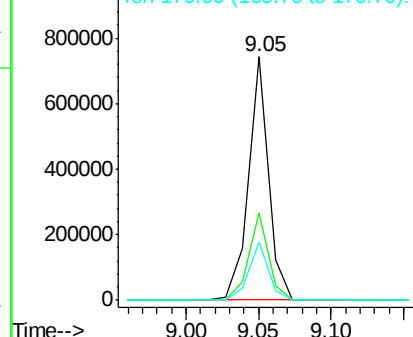


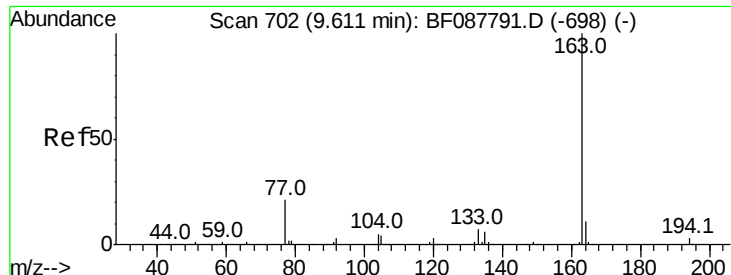
#44
 2-Fluorobiphenyl
 Concen: 74.03 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088130.D
 Acq: 18 Jun 2016 13:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.0	19.2	28.8



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: 9.44 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF088130.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_F

ClientSampleId :

SS3-0-6

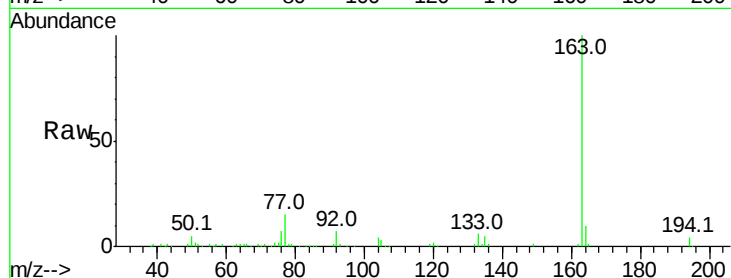
Tot Ion:163 Resp: 102082

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

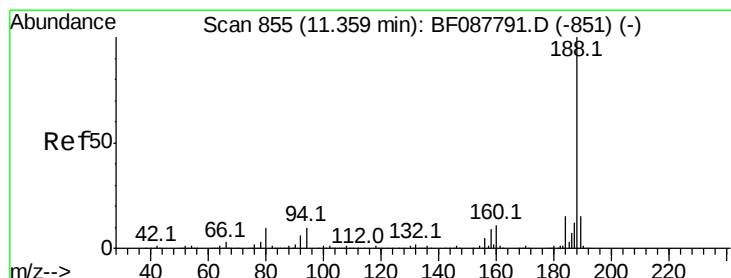
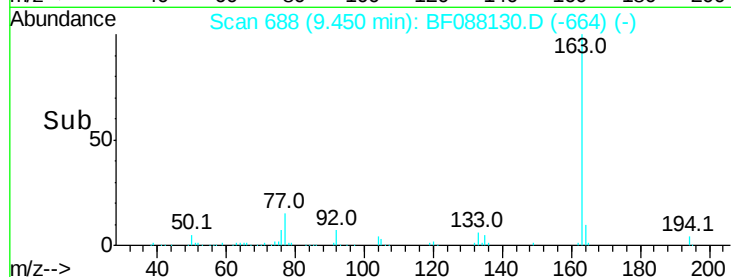
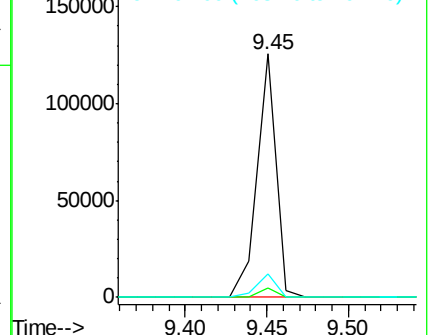
164 9.8 8.3 12.5



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: 11.20 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF088130.D

Acq: 18 Jun 2016 13:19

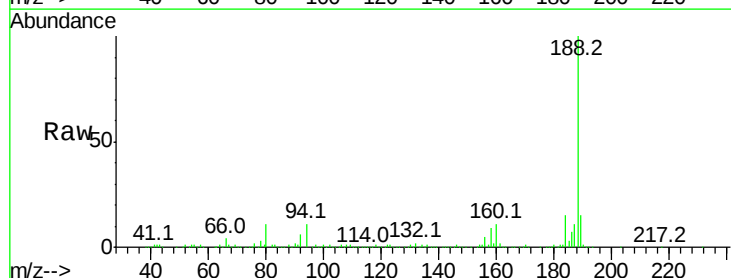
Tgt Ion:188 Resp: 229433

Ion Ratio Lower Upper

188 100

94 10.8 9.0 13.6

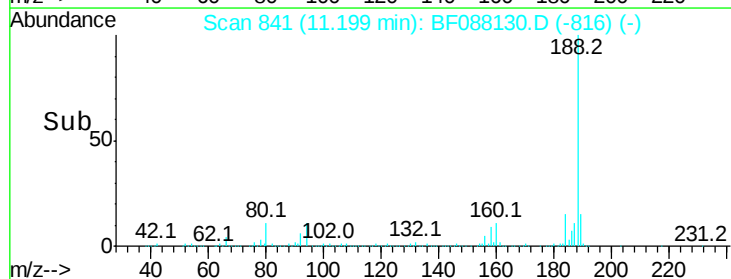
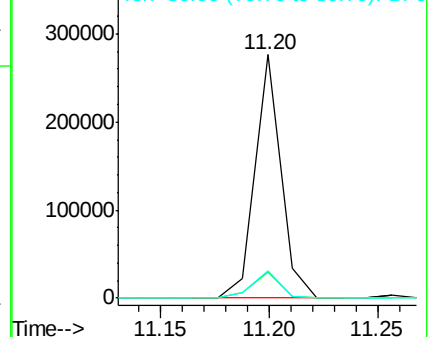
80 11.1 10.0 15.0

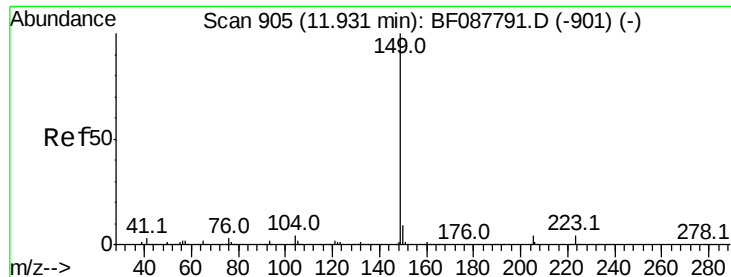


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#73

Di-n-butylphthalate

Concen: 3.75 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF088130.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_F

ClientSampleId :

SS3-0-6

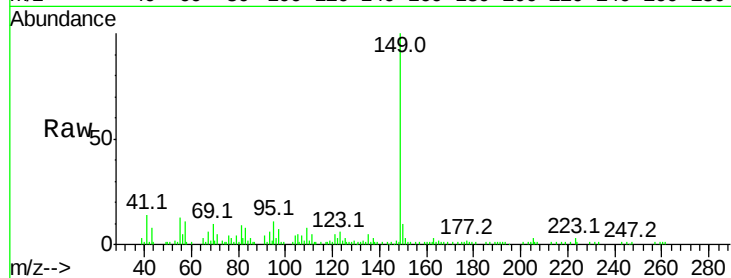
Tot Ion:149 Resp: 54015

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

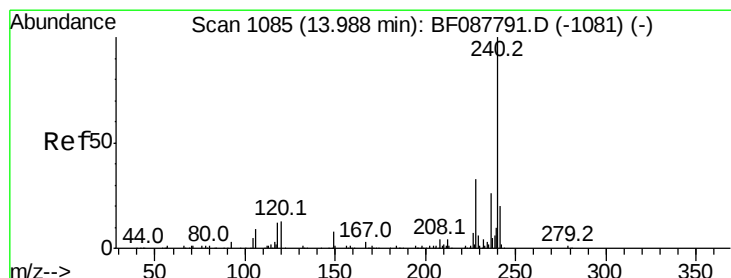
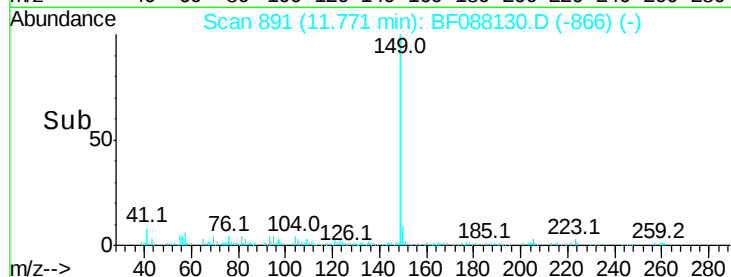
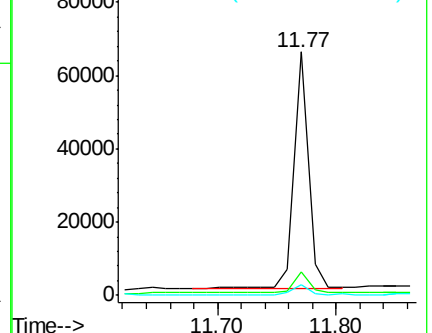
104 4.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF088130.D

Acq: 18 Jun 2016 13:19

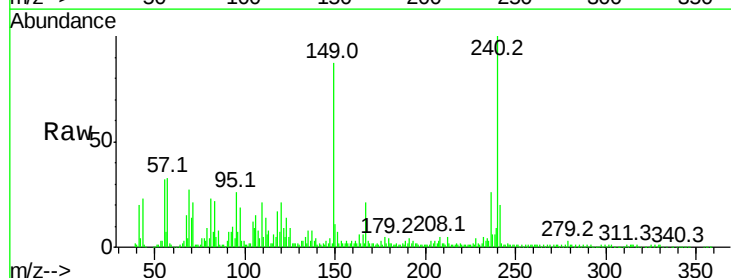
Tgt Ion:240 Resp: 166679

Ion Ratio Lower Upper

240 100

120 21.1 6.8 10.2#

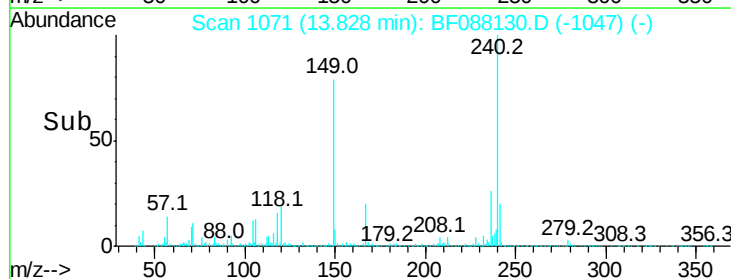
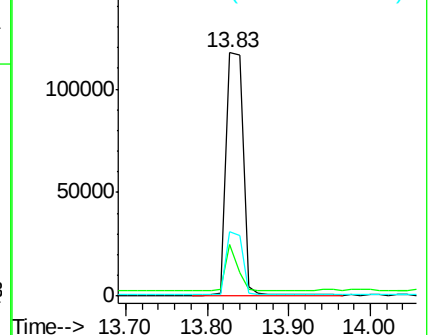
236 26.3 20.2 30.2

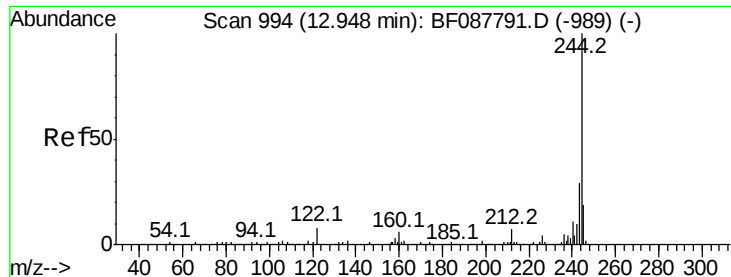


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.32 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088130.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_F

ClientSampleId :

SS3-0-6

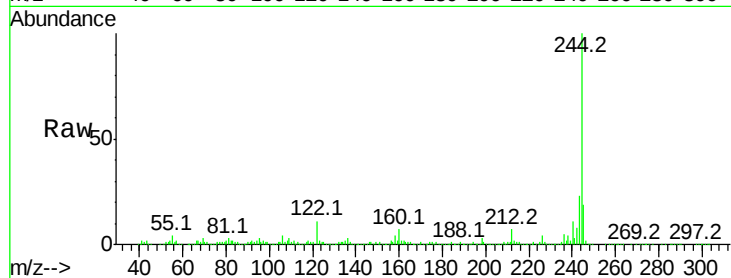
Tot Ion:244 Resp: 507769

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

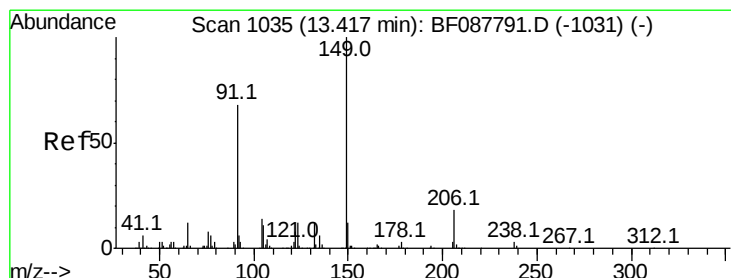
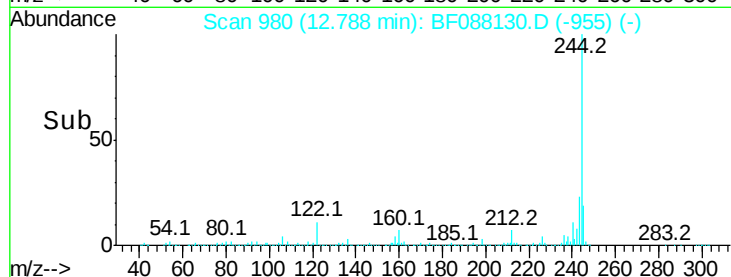
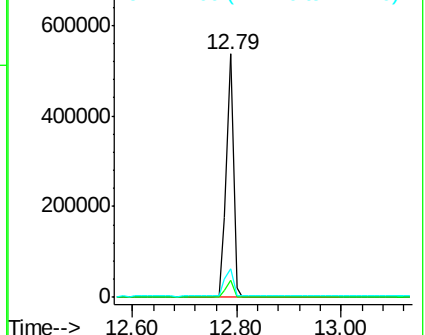
122 11.5 11.2 16.8



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



#79

Butylbenzylphthalate

Concen: 14.65 ng

RT: 13.27 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF088130.D

Acq: 18 Jun 2016 13:19

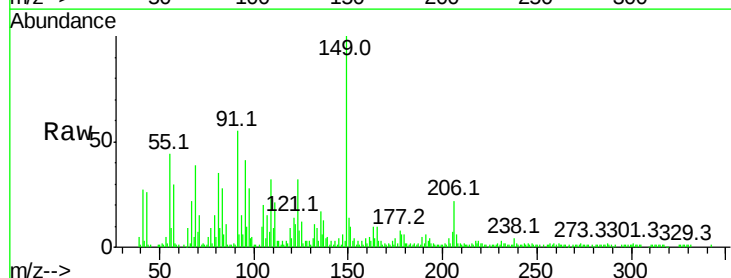
Tgt Ion:149 Resp: 80091

Ion Ratio Lower Upper

149 100

91 54.6 48.0 72.0

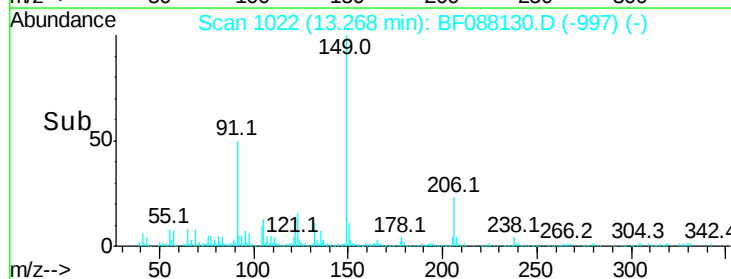
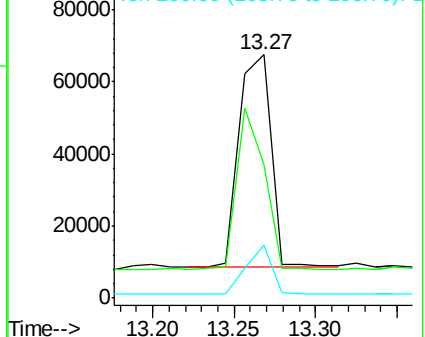
206 21.9 16.0 24.0

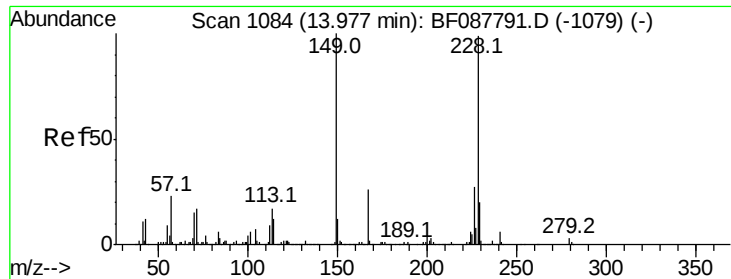


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

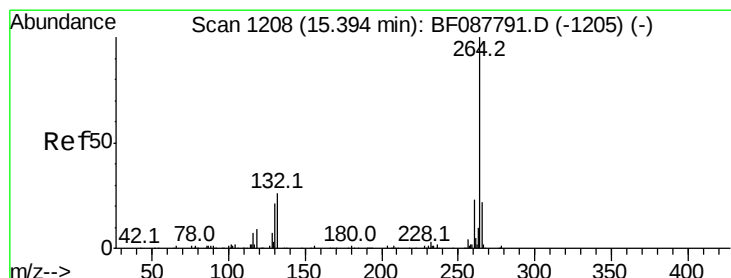
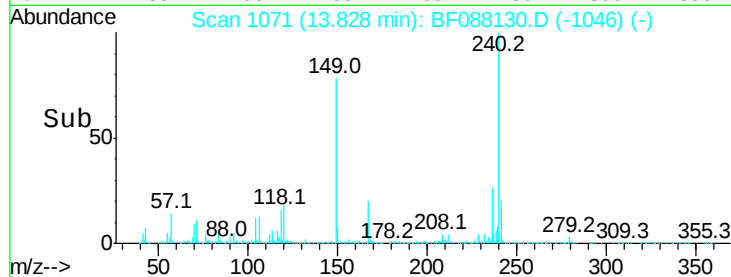
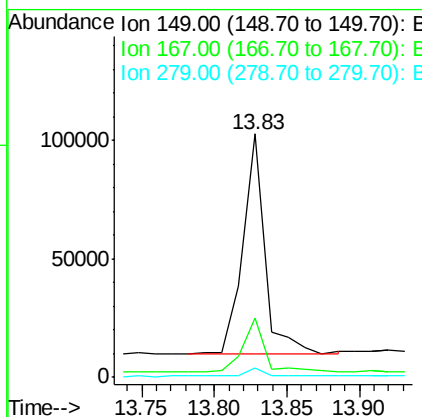
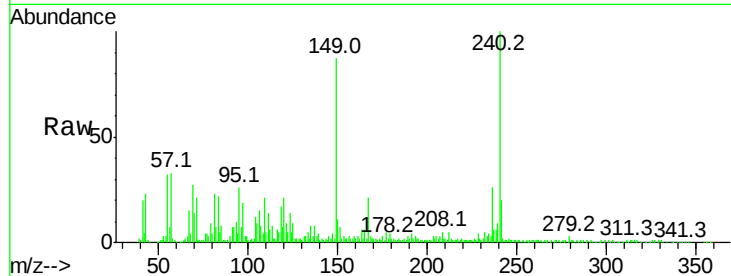




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 14.83 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BF088130.D
 Acq: 18 Jun 2016 13:19

Instrument :
 BNA_F
 ClientSampled :
 SS3-0-6

Tot Ion:149 Resp: 98691
 Ion Ratio Lower Upper
 149 100
 167 24.5 20.5 30.7
 279 3.7 2.0 3.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF088130.D
 Acq: 18 Jun 2016 13:19

Tgt Ion:264 Resp: 140258
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.0 16.9 25.3

