

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
 Data File : BF088129.D
 Acq On : 18 Jun 2016 12:50
 Operator : UM/SJ
 Sample : H3501-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS2-0-6

Quant Time: Jun 20 13:20:55 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

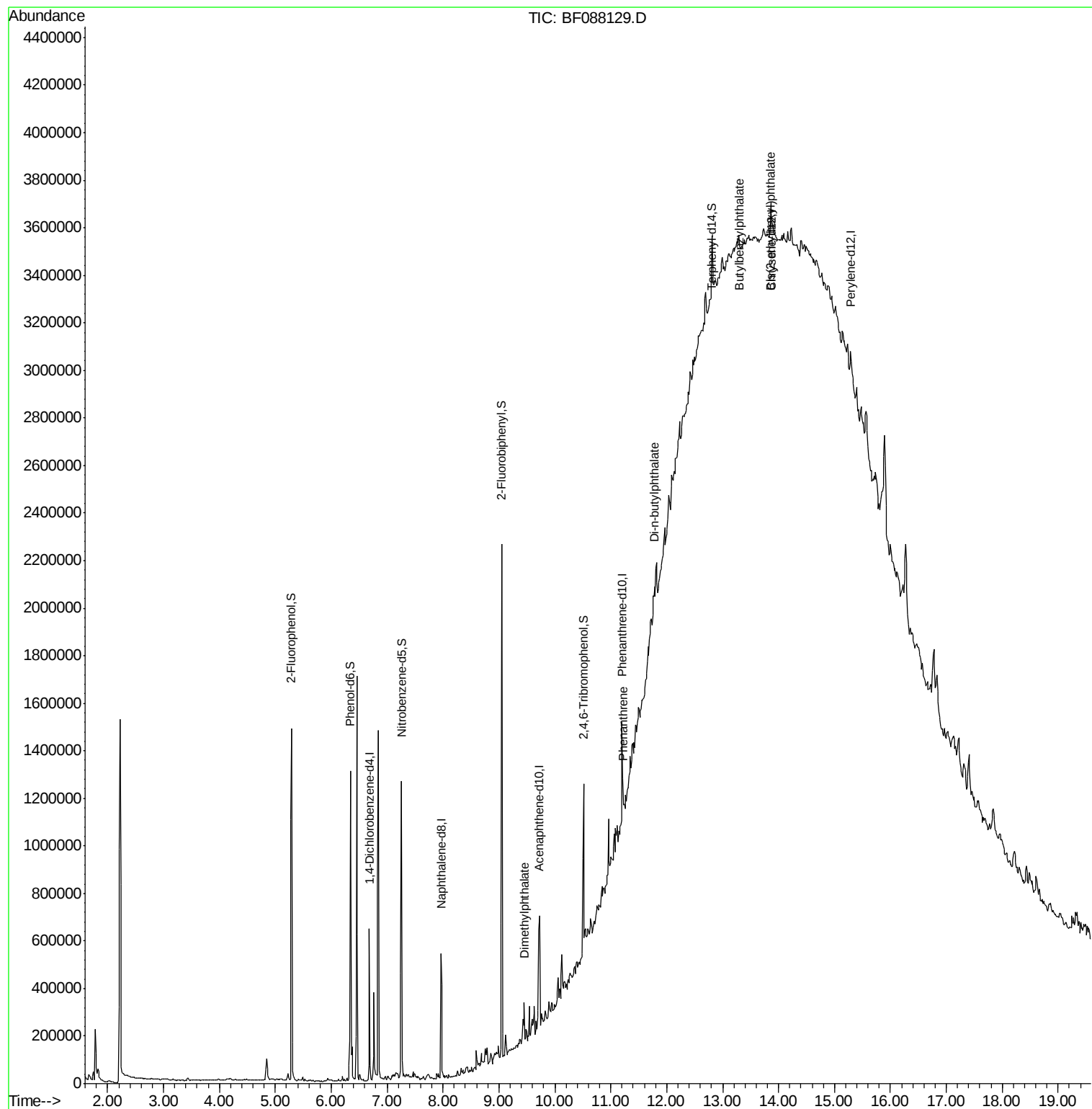
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	92512	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	323885	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	126648	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	182361	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	64820	20.00	ng	0.02
86) Perylene-d12	15.29	264	77032	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	612560	113.20	ng	0.01
7) Phenol-d6	6.34	99	716208	109.21	ng	-0.01
23) Nitrobenzene-d5	7.26	82	427545	77.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	119003	88.99	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	667964	82.70	ng	-0.02
78) Terphenyl-d14	12.81	244	278272	97.69	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.45	163	84796	9.24	ng	99
70) Phenanthrene	11.22	178	19937	2.08	ng	# 53
73) Di-n-butylphthalate	11.78	149	58213	5.09	ng	# 84
79) Butylbenzylphthalate	13.29	149	64532	30.35	ng	# 74
83) Bis(2-ethylhexyl)phthalate	13.86	149	266868	103.09	ng	# 97

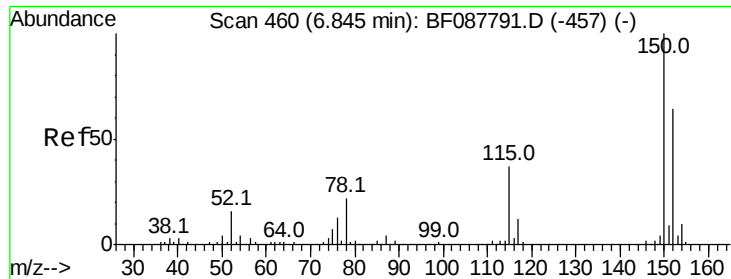
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088129.D

Acq: 18 Jun 2016 12:50

Instrument :

BNA_F

ClientSampleId :

SS2-0-6

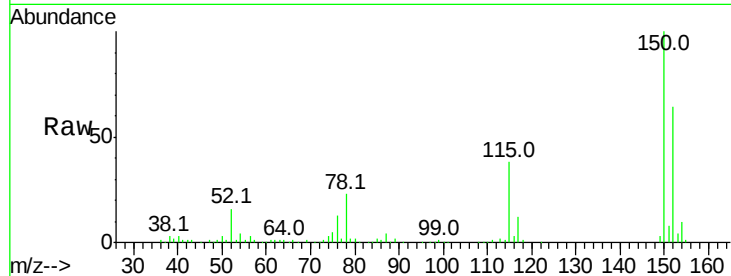
Tot Ion:152 Resp: 92512

Ion Ratio Lower Upper

152 100

150 156.5 123.8 185.6

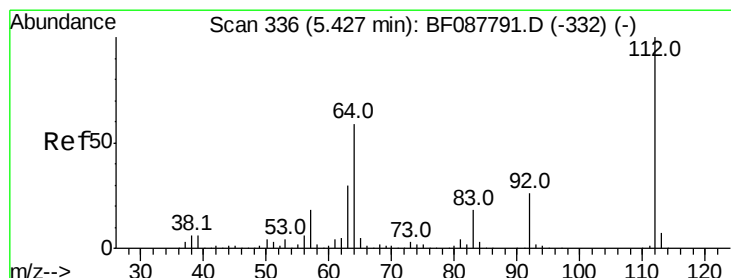
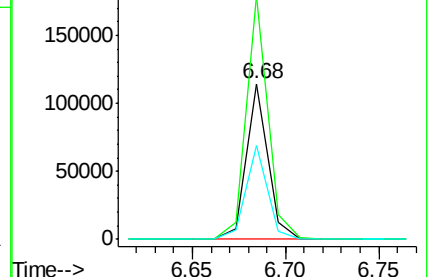
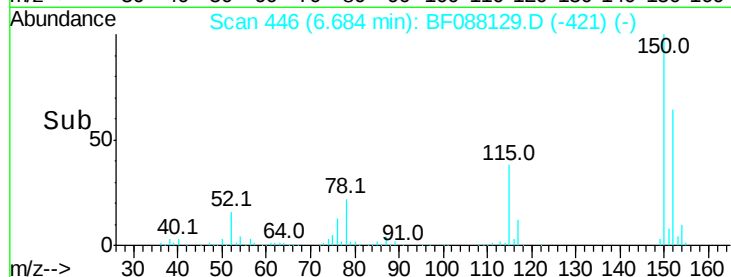
115 60.1 39.6 59.4#



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: 113.20 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF088129.D

Acq: 18 Jun 2016 12:50

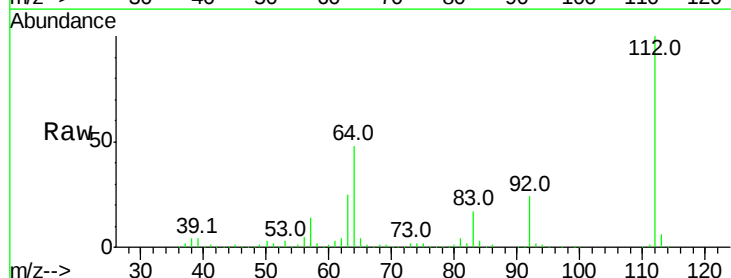
Tgt Ion:112 Resp: 612560

Ion Ratio Lower Upper

112 100

64 48.2 42.2 63.2

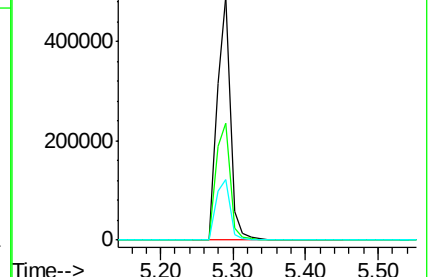
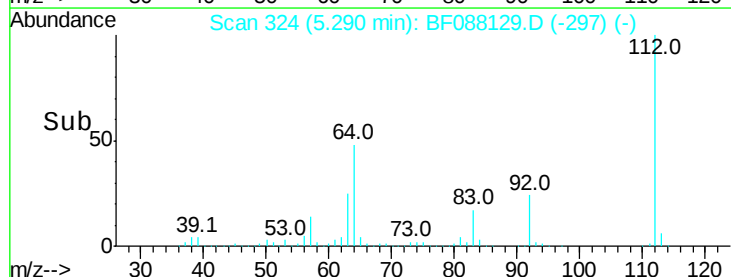
63 24.8 21.8 32.8

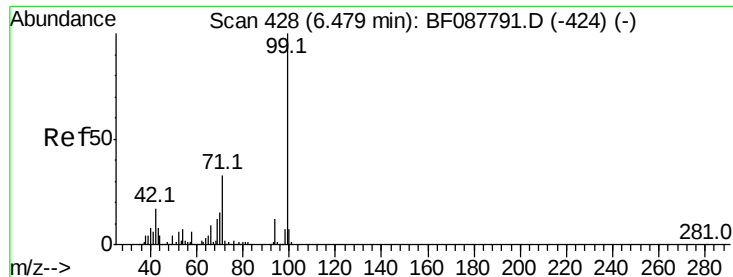


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.21 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088129.D

Acq: 18 Jun 2016 12:50

Instrument :

BNA_F

ClientSampleId :

SS2-0-6

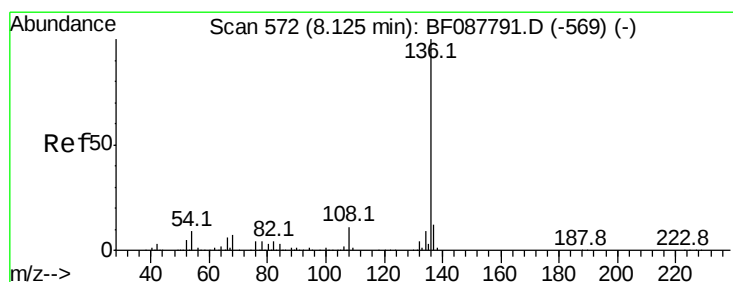
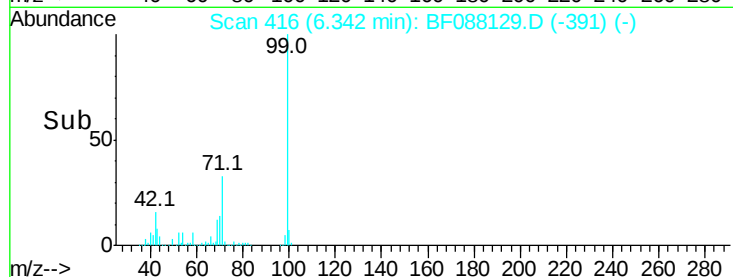
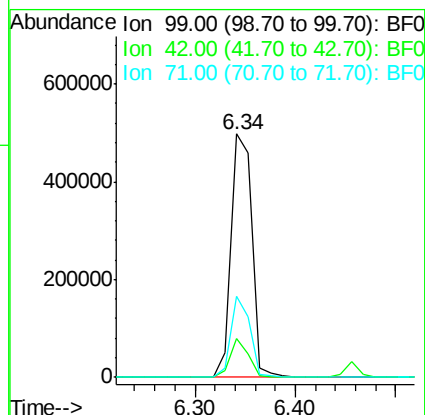
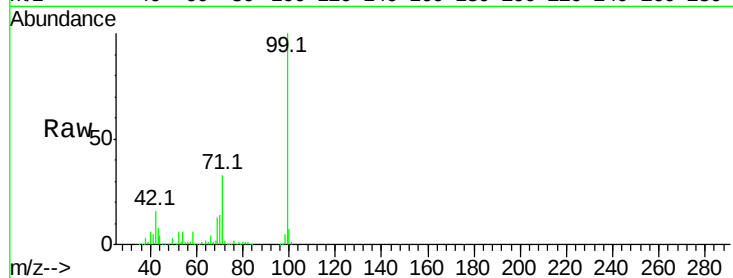
Tot Ion: 99 Resp: 716208

Ion Ratio Lower Upper

99 100

42 16.0 12.2 18.2

71 33.2 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.02 min

Lab File: BF088129.D

Acq: 18 Jun 2016 12:50

Tgt Ion: 136 Resp: 323885

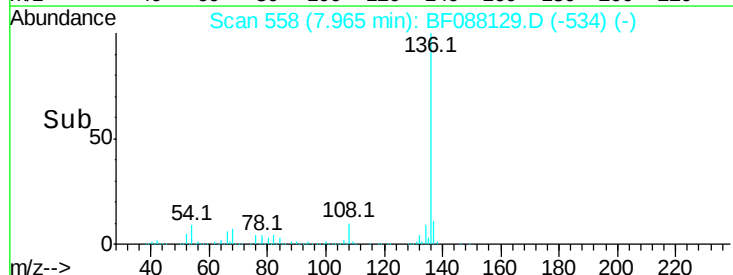
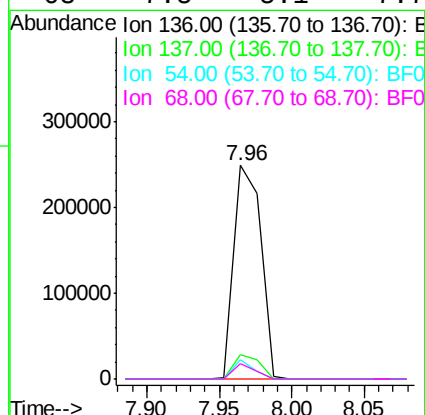
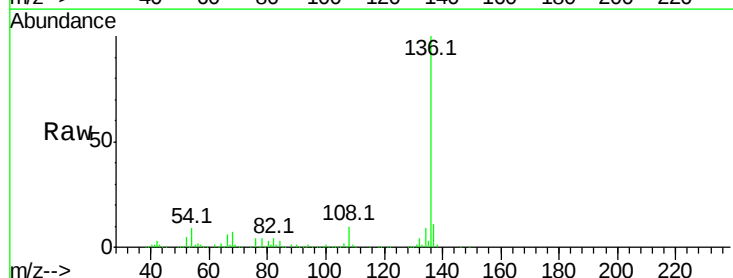
Ion Ratio Lower Upper

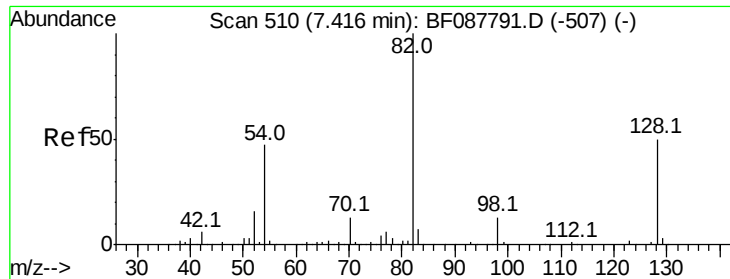
136 100

137 11.2 9.1 13.7

54 9.2 6.6 10.0

68 7.5 5.1 7.7

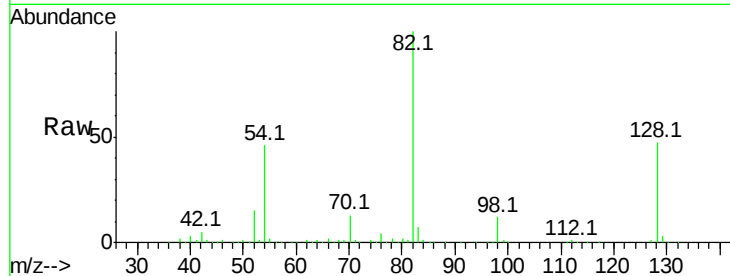




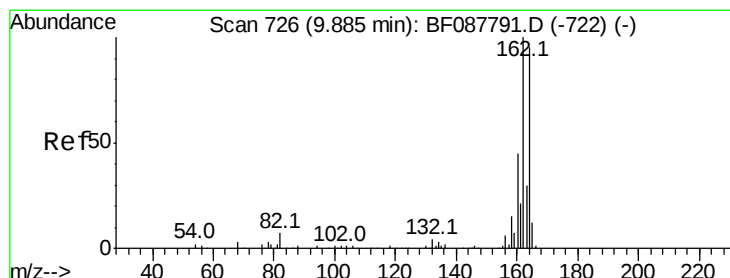
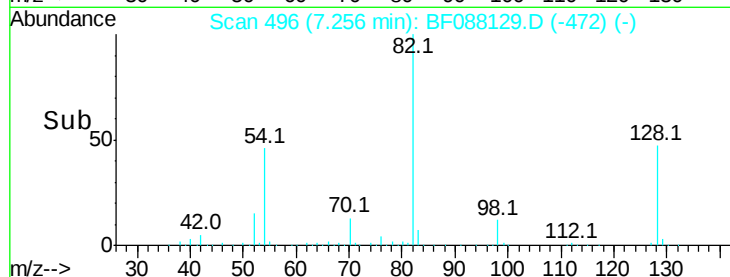
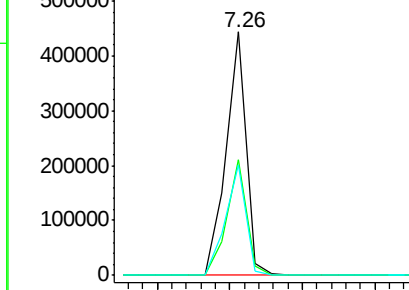
#23
 Nitrobenzene-d5
 Concen: 77.08 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088129.D
 Acq: 18 Jun 2016 12:50

Instrument :
 BNA_F
 ClientSampleId :
 SS2-0-6

Tot Ion	82	Resp	427545
Ion Ratio	Lower	Upper	
82	100		
128	47.4	35.9	53.9
54	45.6	40.9	61.3

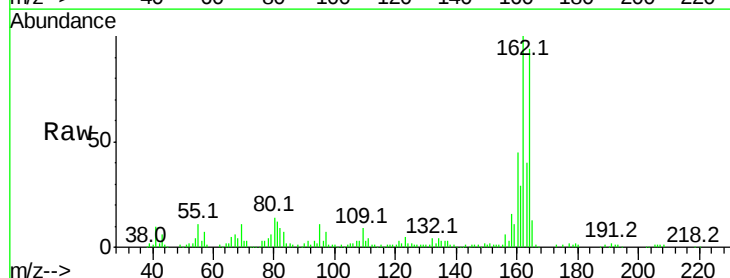


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

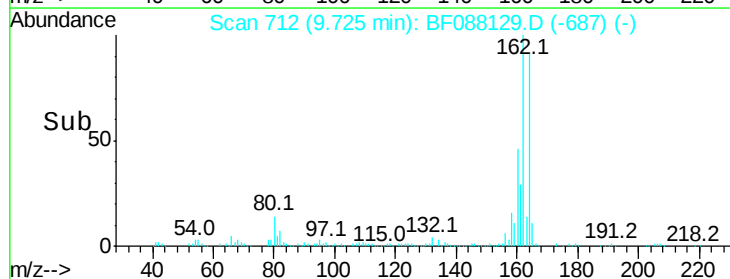
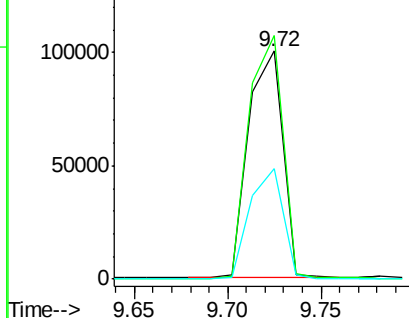


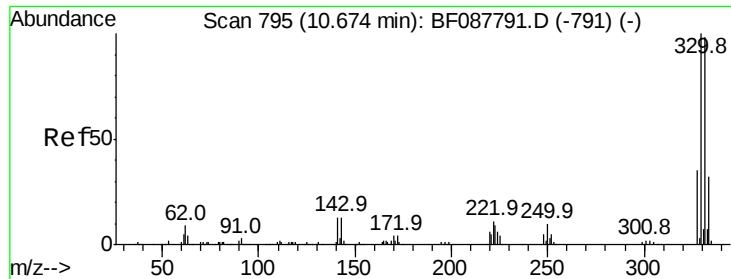
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088129.D
 Acq: 18 Jun 2016 12:50

Tgt Ion	164	Resp	126648
Ion Ratio	Lower	Upper	
164	100		
162	106.9	85.4	128.2
160	48.5	39.5	59.3



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

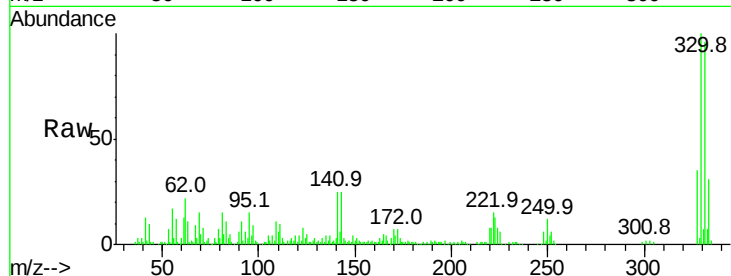




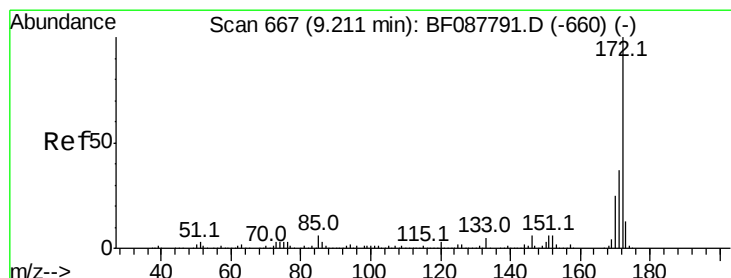
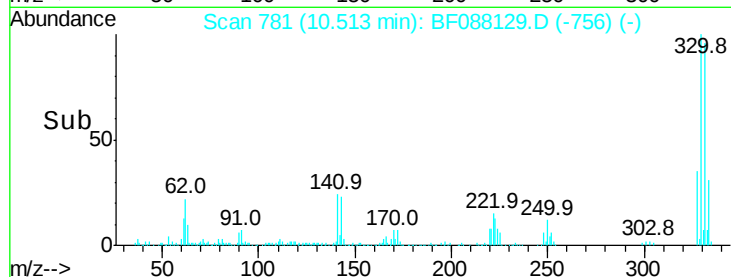
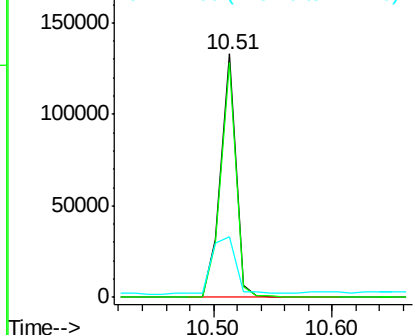
#41
 2,4,6-Tribromophenol
 Concen: 88.99 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088129.D
 Acq: 18 Jun 2016 12:50

Instrument :
 BNA_F
 ClientSampleId :
 SS2-0-6

Tot Ion:330 Resp: 119003
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 36.6 0.0 0.0#

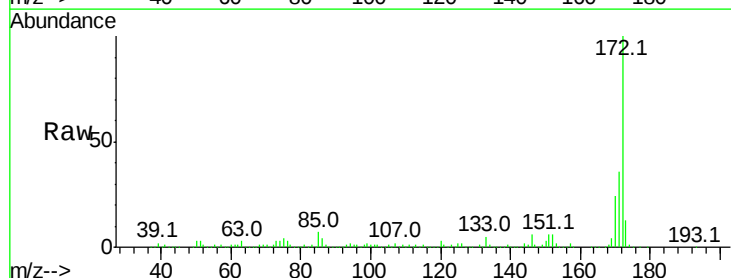


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

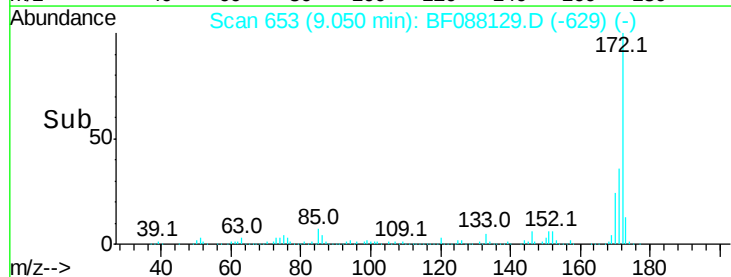
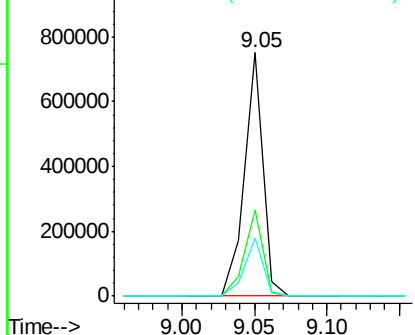


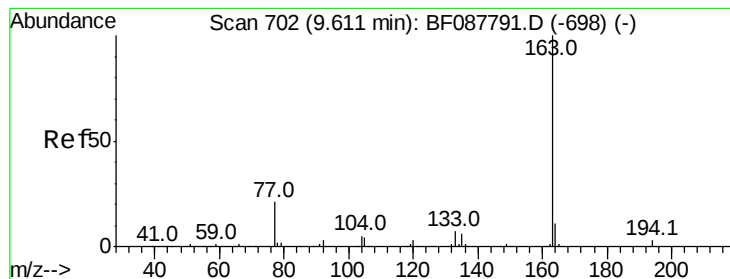
#44
 2-Fluorobiphenyl
 Concen: 82.70 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088129.D
 Acq: 18 Jun 2016 12:50

Tgt Ion:172 Resp: 667964
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 24.1 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: 9.24 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF088129.D

Acq: 18 Jun 2016 12:50

Instrument :

BNA_F

ClientSampleId :

SS2-0-6

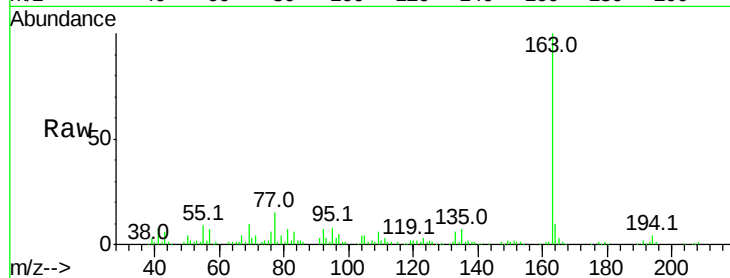
Tot Ion:163 Resp: 84796

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

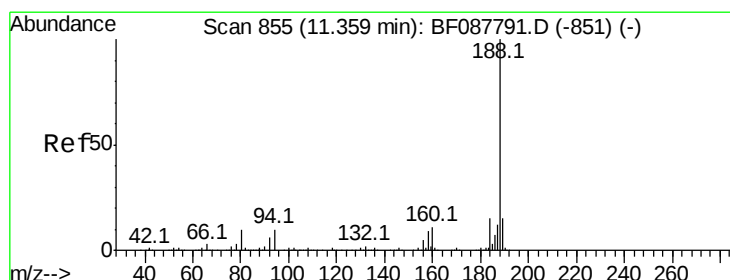
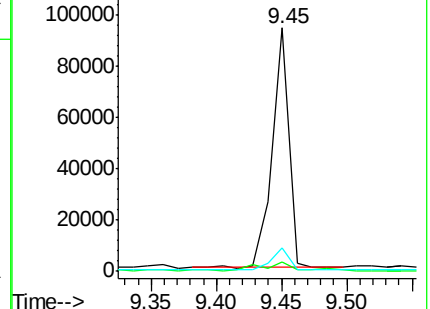
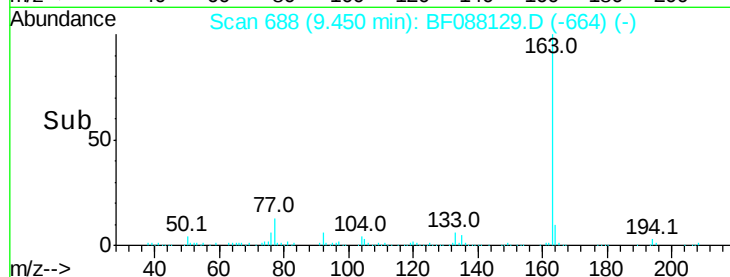
164 9.9 8.3 12.5



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: BF088129.D

Acq: 18 Jun 2016 12:50

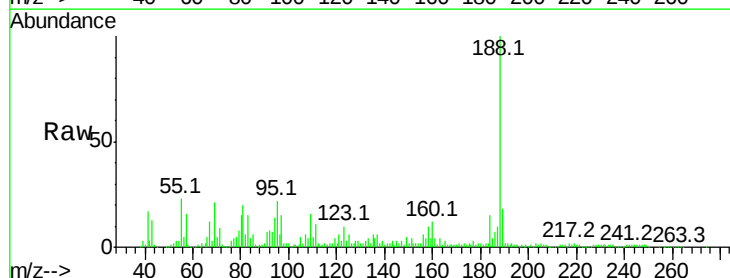
Tgt Ion:188 Resp: 182361

Ion Ratio Lower Upper

188 100

94 14.2 9.0 13.6#

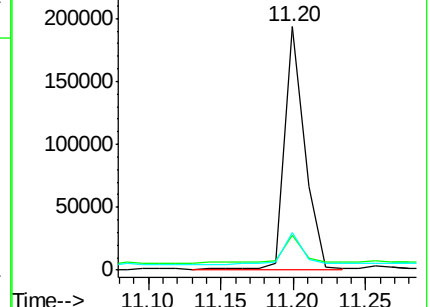
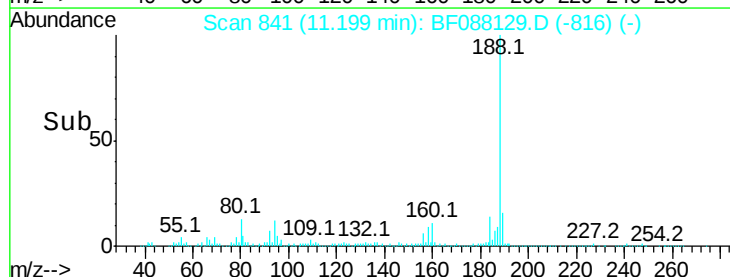
80 15.2 10.0 15.0#

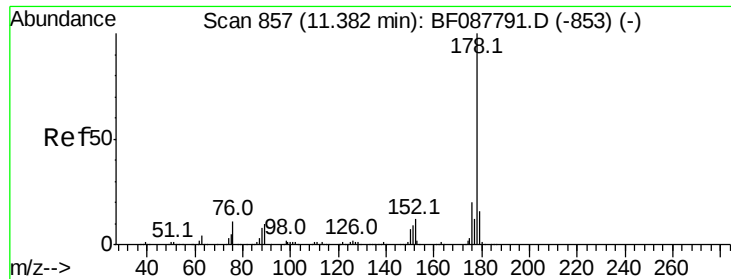


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

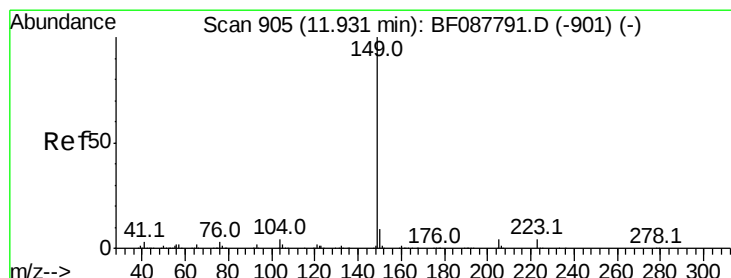
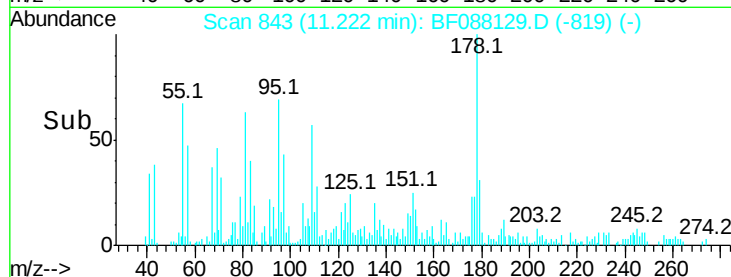
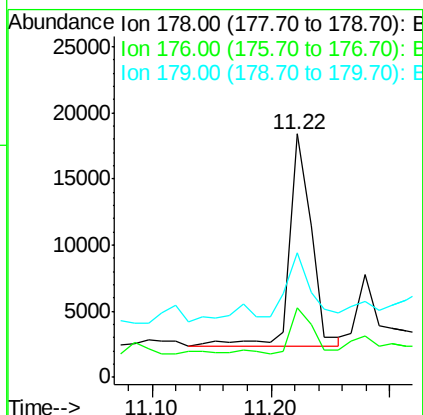
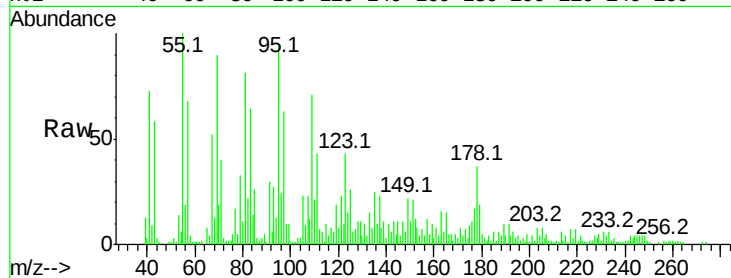




#70
Phenanthrene
Concen: 2.08 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF088129.D
Acq: 18 Jun 2016 12:50

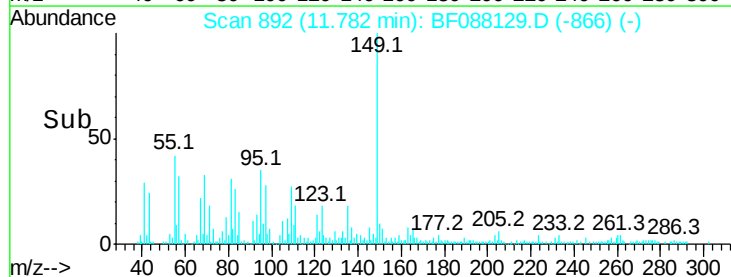
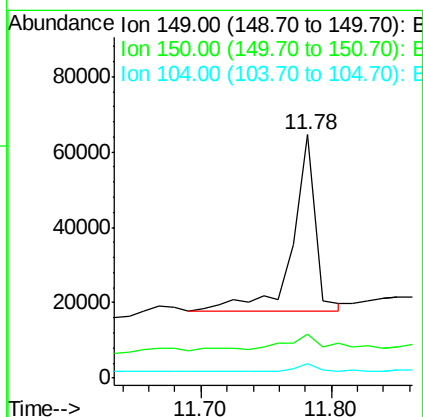
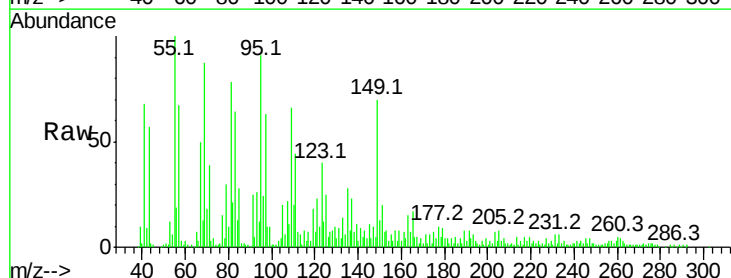
Instrument :
BNA_F
ClientSampled :
SS2-0-6

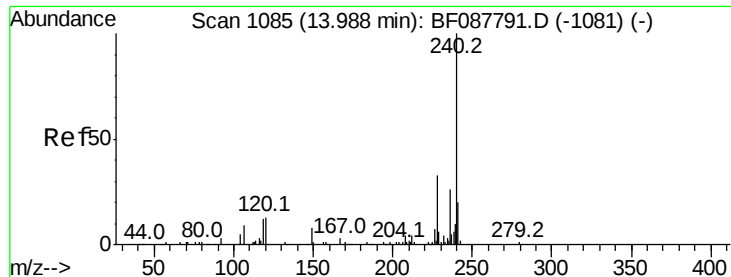
Tot Ion:178 Resp: 19937
Ion Ratio Lower Upper
178 100
176 28.4 15.8 23.6#
179 51.1 13.0 19.4#



#73
Di-n-butylphthalate
Concen: 5.09 ng
RT: 11.78 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF088129.D
Acq: 18 Jun 2016 12:50

Tgt Ion:149 Resp: 58213
Ion Ratio Lower Upper
149 100
150 18.0 7.8 11.6#
104 5.8 4.0 6.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1075

Delta R.T. 0.02 min

Lab File: BF088129.D

Acq: 18 Jun 2016 12:50

Instrument :

BNA_F

ClientSampleId :

SS2-0-6

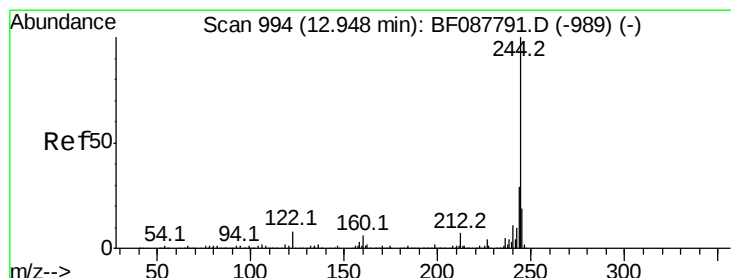
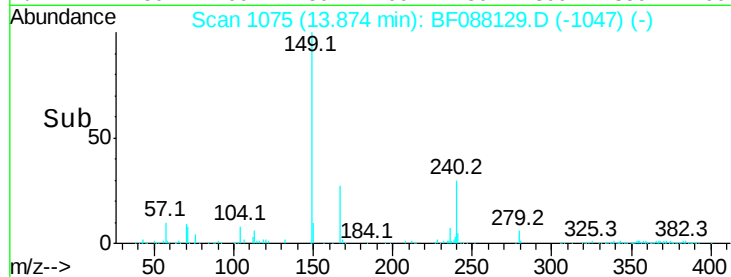
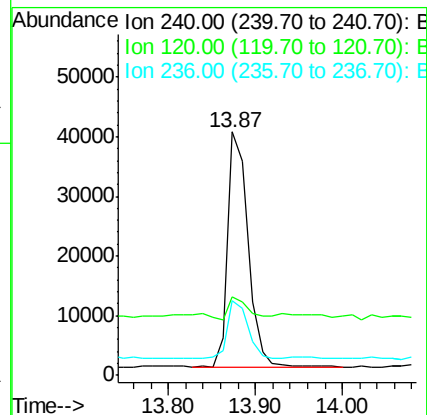
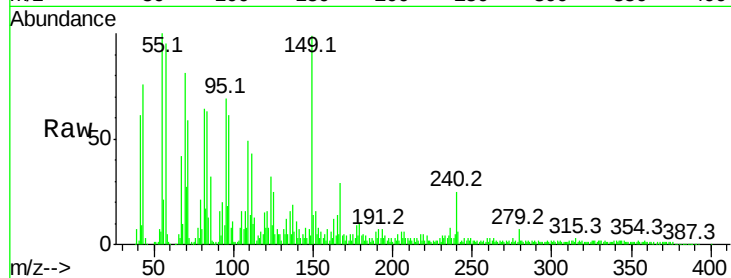
Tot Ion:240 Resp: 64820

Ion Ratio Lower Upper

240 100

120 32.1 6.8 10.2#

236 30.4 20.2 30.2#



#78

Terphenyl-d14

Concen: 97.69 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.01 min

Lab File: BF088129.D

Acq: 18 Jun 2016 12:50

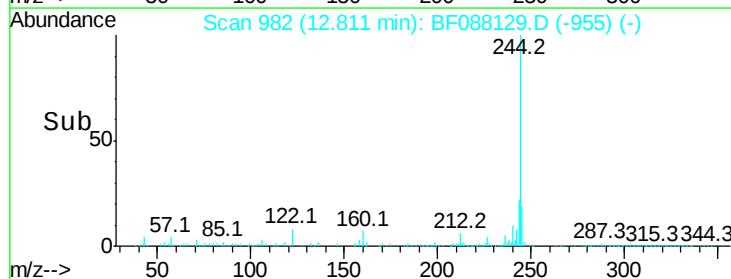
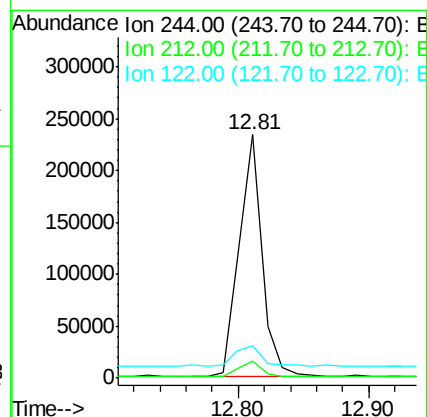
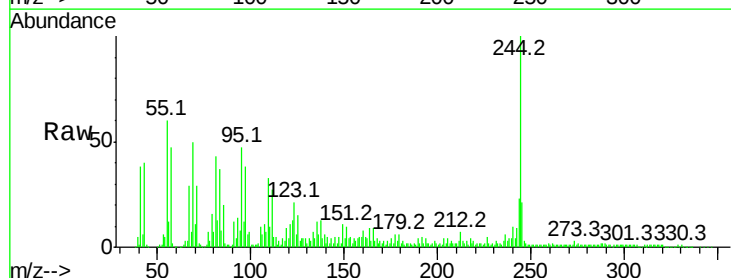
Tgt Ion:244 Resp: 278272

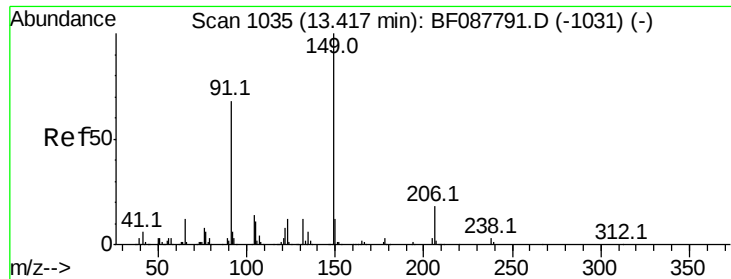
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 13.1 11.2 16.8

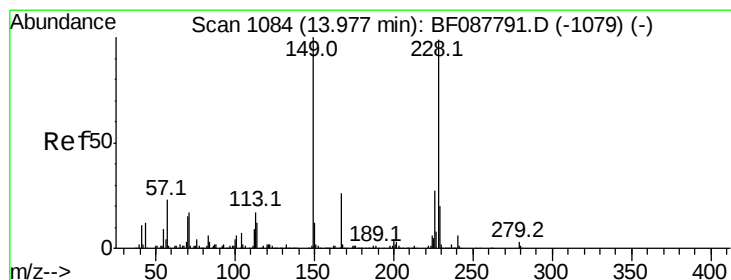
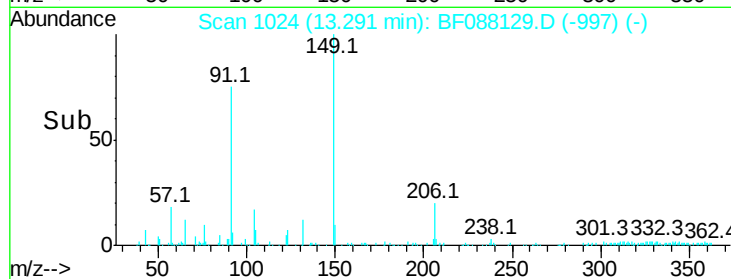
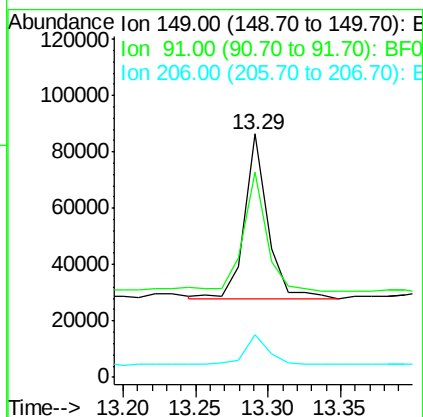
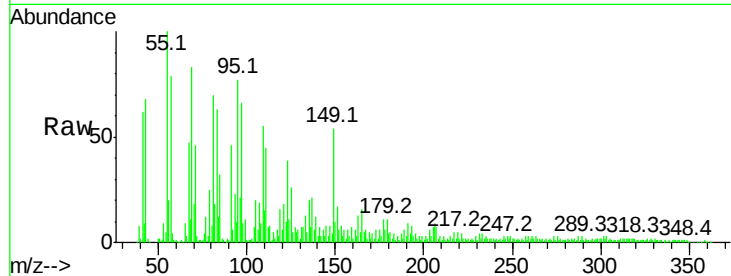




#79
 Butylbenzylphthalate
 Concen: 30.35 ng
 RT: 13.29 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF088129.D
 Acq: 18 Jun 2016 12:50

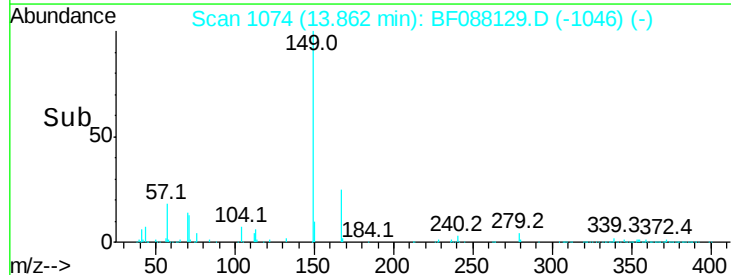
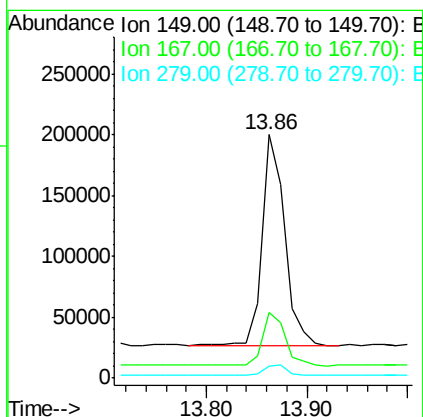
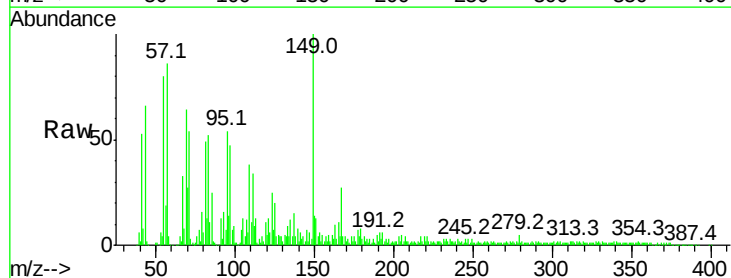
Instrument :
 BNA_F
 ClientSampleId :
 SS2-0-6

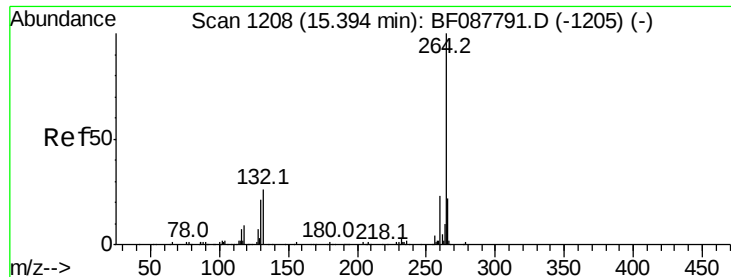
Tot Ion	Ratio	Lower	Upper
149	100		
91	84.5	48.0	72.0#
206	17.5	16.0	24.0



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 103.09 ng
 RT: 13.86 min Scan# 1074
 Delta R.T. 0.02 min
 Lab File: BF088129.D
 Acq: 18 Jun 2016 12:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	20.5	30.7
279	4.8	2.0	3.0#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. 0.07 min
Lab File: BF088129.D
Acq: 18 Jun 2016 12:50

Instrument :
BNA_F
ClientSampleId :
SS2-0-6

Tot Ion: 264 Resp: 77032
Ion Ratio Lower Upper
264 100
260 27.6 19.2 28.8
265 26.2 16.9 25.3#

