

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088213.D
 Acq On : 21 Jun 2016 11:52
 Operator : UM/SJ
 Sample : H3580-15
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P8-B7(0-12)C

Quant Time: Jun 21 13:15:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

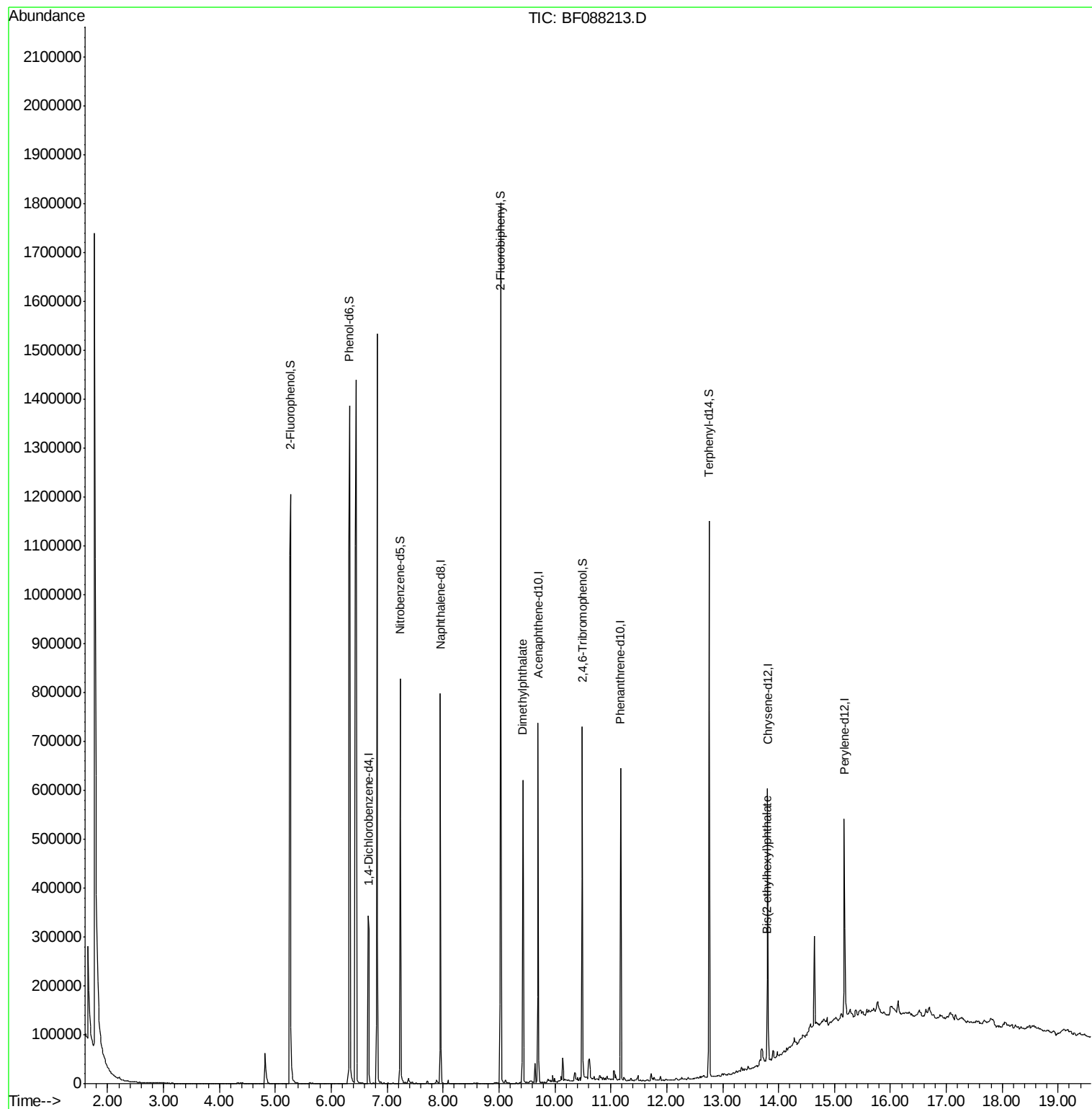
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	81901	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	340998	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	142783	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	216535	20.00	ng	0.00
75) Chrysene-d12	13.81	240	180482	20.00	ng	0.00
86) Perylene-d12	15.18	264	166453	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	550305	114.87	ng	0.01
7) Phenol-d6	6.33	99	697022	120.05	ng	0.00
23) Nitrobenzene-d5	7.23	82	350914	60.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	105274	69.83	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	674531	73.46	ng	-0.01
78) Terphenyl-d14	12.75	244	453540	57.18	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.43	163	238690	23.08	ng	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	14820	2.06	ng	# 98

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

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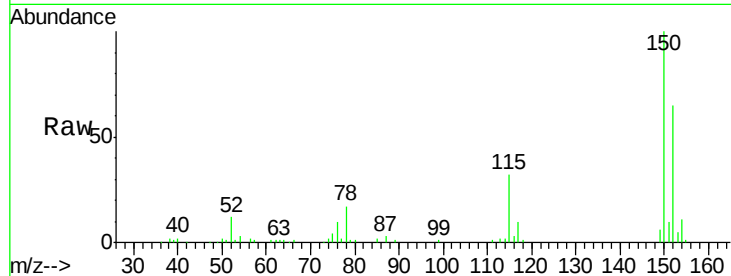


#1

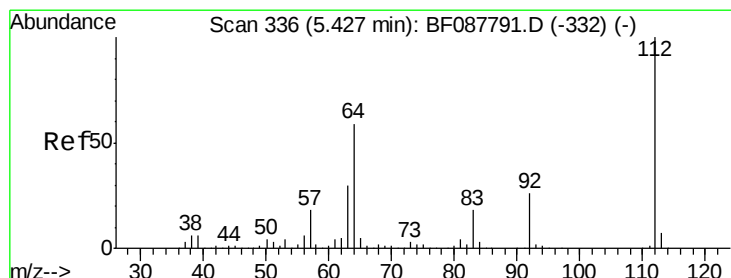
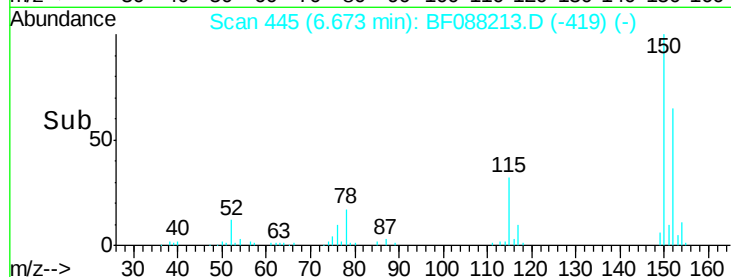
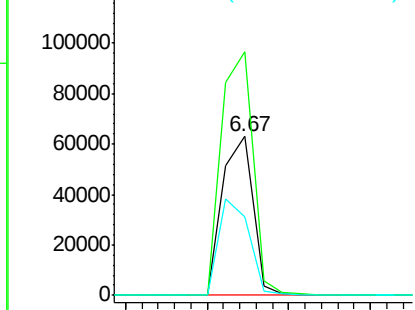
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF088213.D
Acq: 21 Jun 2016 11:52

Instrument :
BNA_F
ClientSampleId :
P8-B7(0-12)C

Tot Ion:152 Resp: 81901
Ion Ratio Lower Upper
152 100
150 153.5 123.8 185.6
115 49.7 39.6 59.4



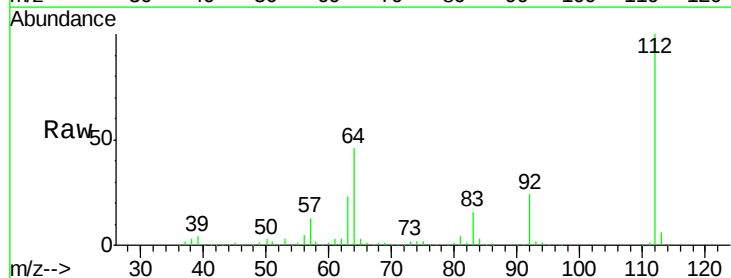
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



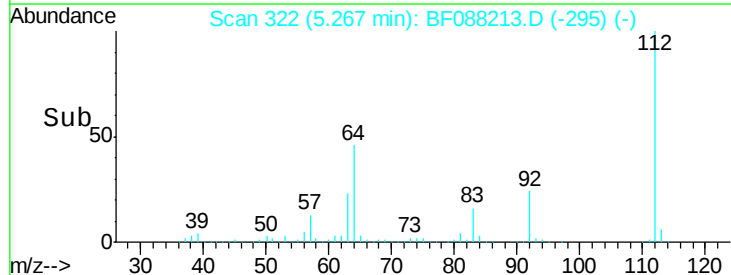
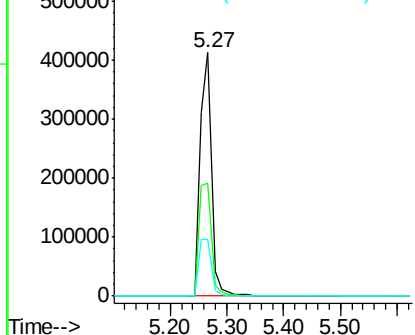
#5

2-Fluorophenol
Concen: 114.87 ng
RT: 5.27 min Scan# 322
Delta R.T. 0.01 min
Lab File: BF088213.D
Acq: 21 Jun 2016 11:52

Tgt Ion:112 Resp: 550305
Ion Ratio Lower Upper
112 100
64 46.4 42.2 63.2
63 23.2 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: 120.05 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF088213.D

Acq: 21 Jun 2016 11:52

Instrument :

BNA_F

ClientSampleId :

P8-B7(0-12)C

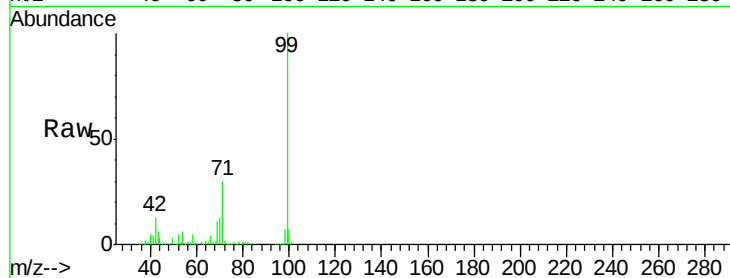
Tot Ion: 99 Resp: 697022

Ion Ratio Lower Upper

99 100

42 12.5 12.2 18.2

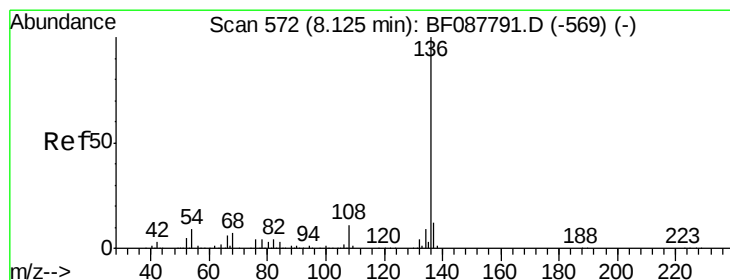
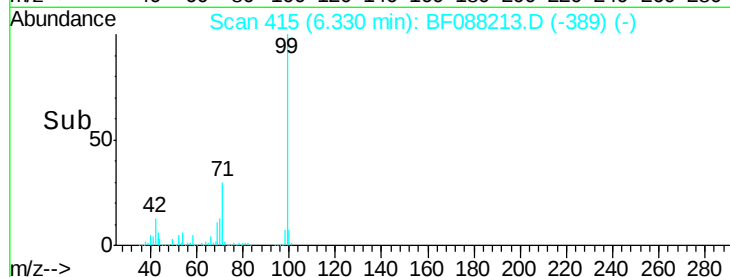
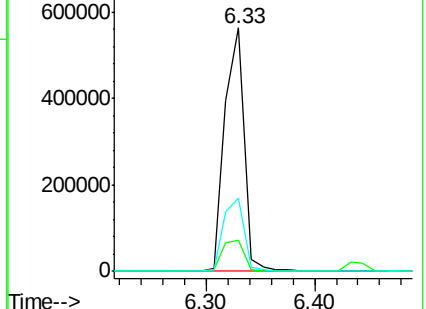
71 30.0 23.4 35.0



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: 7.95 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF088213.D

Acq: 21 Jun 2016 11:52

Tgt Ion: 136 Resp: 340998

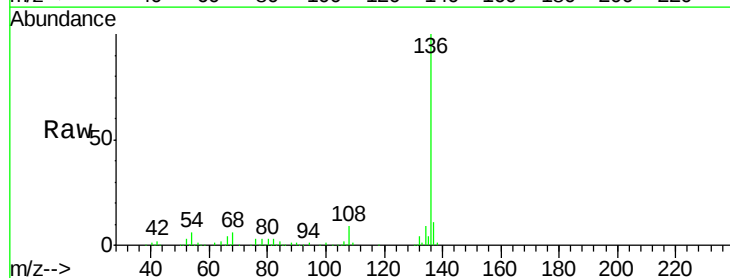
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.5 6.6 10.0#

68 5.5 5.1 7.7

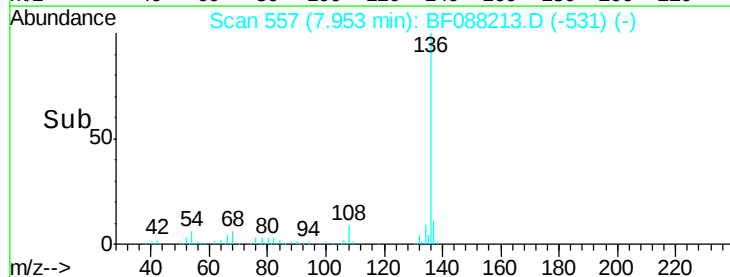
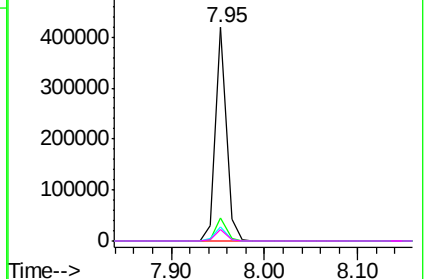


Abundance Ion 136.00 (135.70 to 136.70): E

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

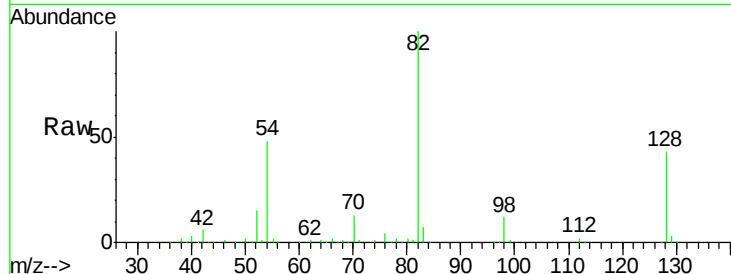




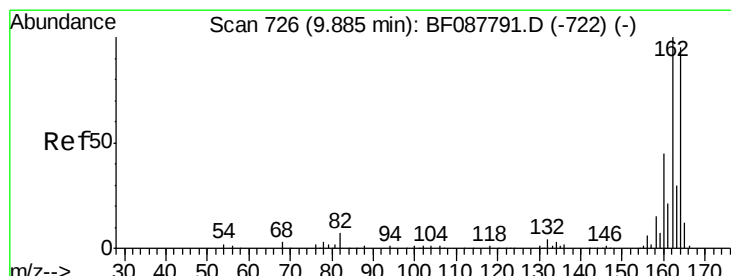
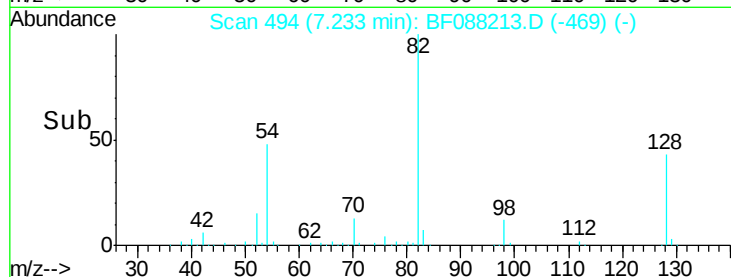
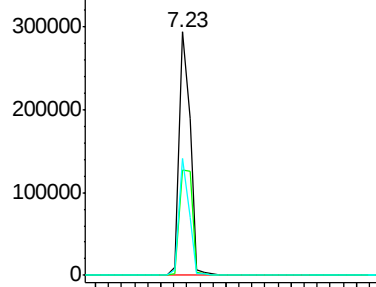
#23
Nitrobenzene-d5
Concen: 60.09 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF088213.D
Acq: 21 Jun 2016 11:52

Instrument :
BNA_F
ClientSampleId :
P8-B7(0-12)C

Tot Ion: 82 Resp: 350914
Ion Ratio Lower Upper
82 100
128 43.3 35.9 53.9
54 48.2 40.9 61.3

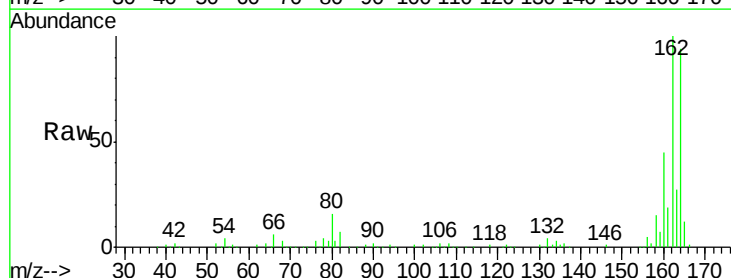


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

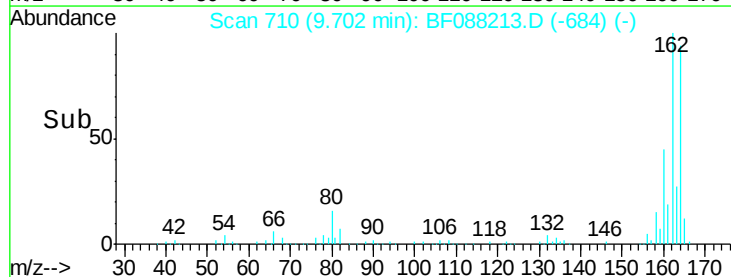
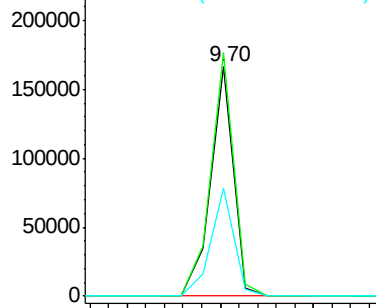


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF088213.D
Acq: 21 Jun 2016 11:52

Tgt Ion:164 Resp: 142783
Ion Ratio Lower Upper
164 100
162 106.2 85.4 128.2
160 47.3 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

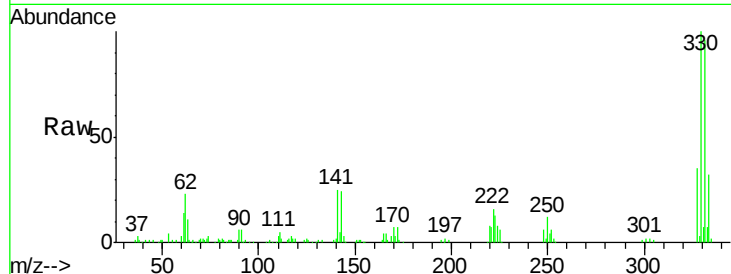




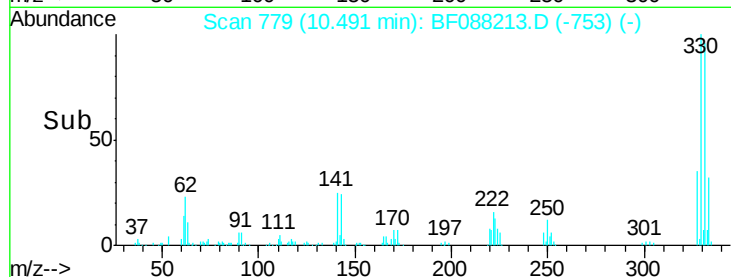
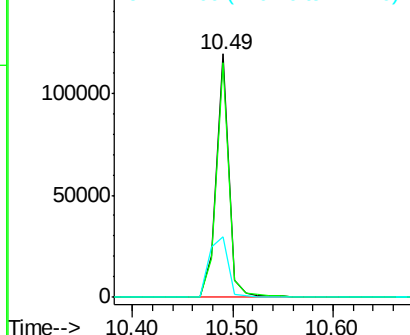
#41
 2,4,6-Tribromophenol
 Concen: 69.83 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088213.D
 Acq: 21 Jun 2016 11:52

Instrument :
 BNA_F
 ClientSampleId :
 P8-B7(0-12)C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	37.2	0.0	0.0#

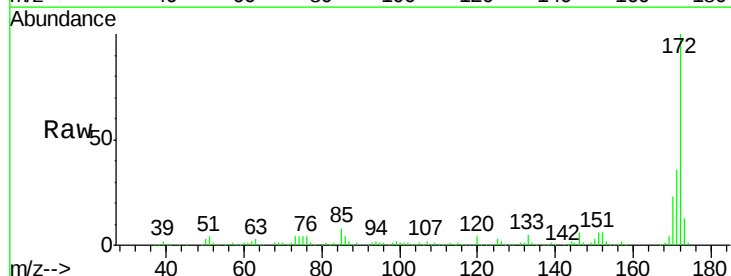


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

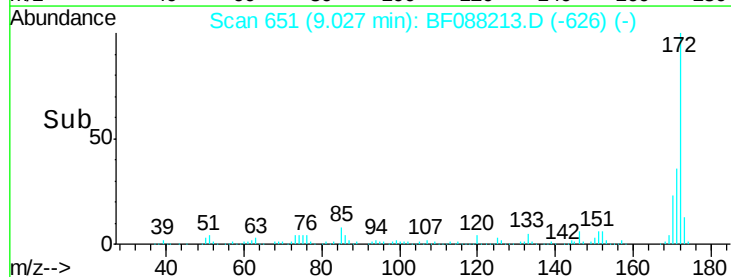
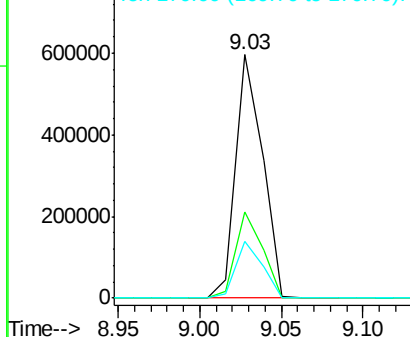


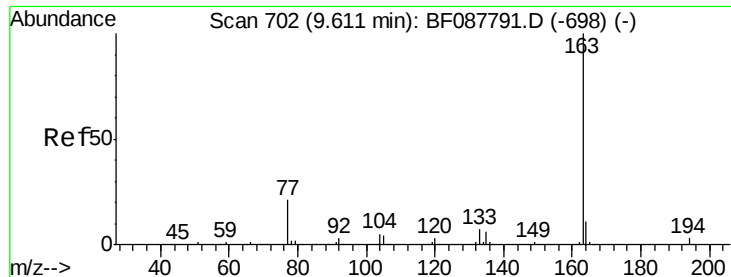
#44
 2-Fluorobiphenyl
 Concen: 73.46 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088213.D
 Acq: 21 Jun 2016 11:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.5	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

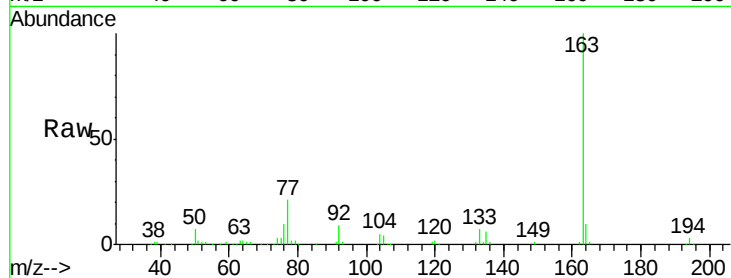




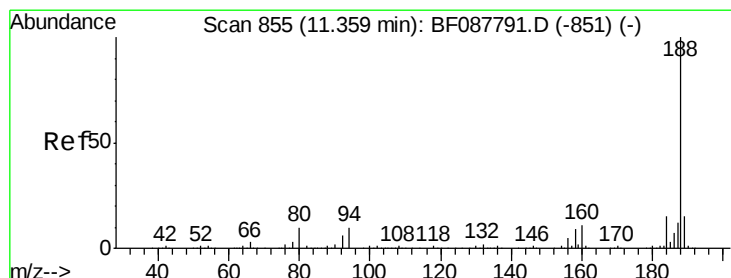
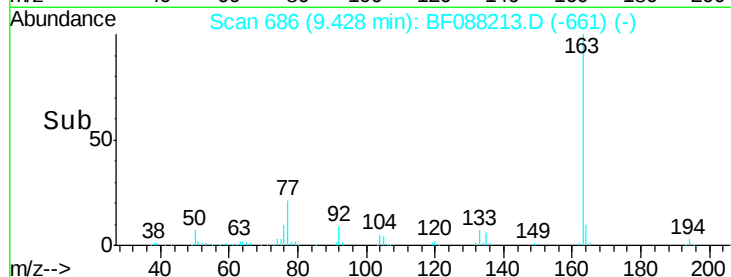
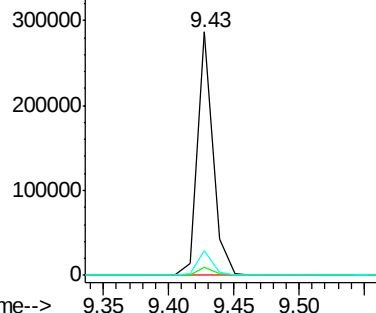
#49
Dimethylphthalate
Concen: 23.08 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF088213.D
Acq: 21 Jun 2016 11:52

Instrument :
BNA_F
ClientSampleId :
P8-B7(0-12)C

Tot Ion:163 Resp: 238690
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.2 8.3 12.5

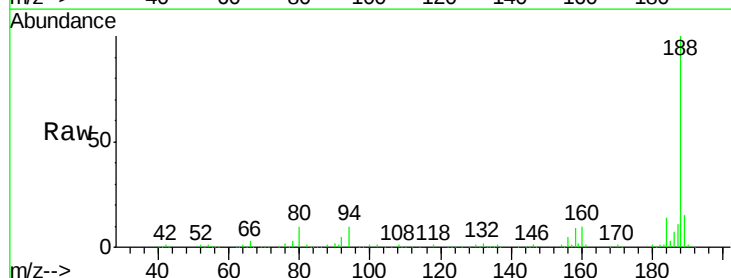


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

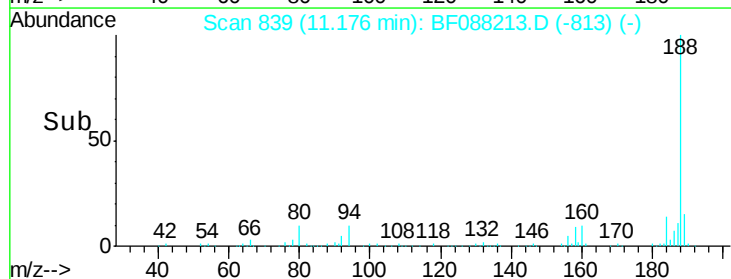
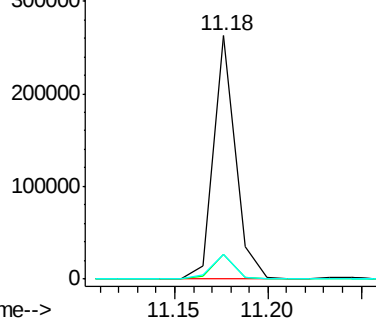


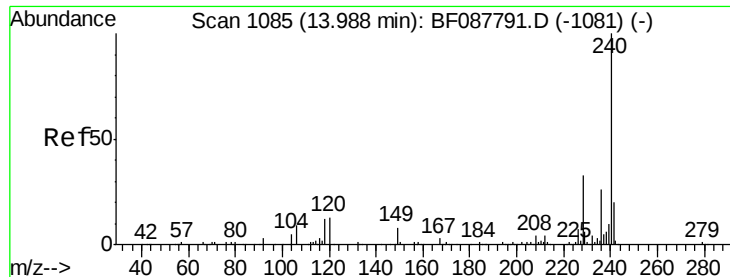
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF088213.D
Acq: 21 Jun 2016 11:52

Tgt Ion:188 Resp: 216535
Ion Ratio Lower Upper
188 100
94 10.0 9.0 13.6
80 10.3 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BF088213.D

Acq: 21 Jun 2016 11:52

Instrument :

BNA_F

ClientSampleId :

P8-B7(0-12)C

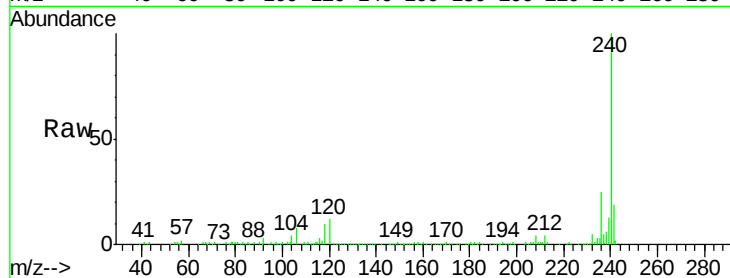
Tot Ion:240 Resp: 180482

Ion Ratio Lower Upper

240 100

120 12.0 6.8 10.2#

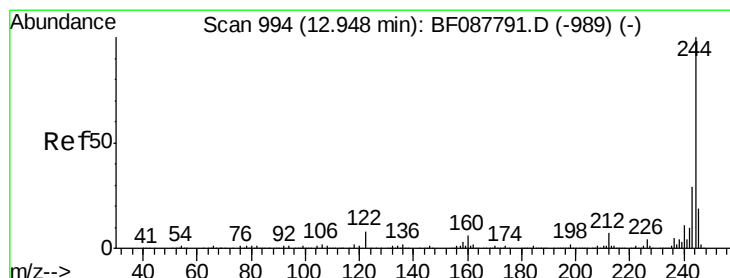
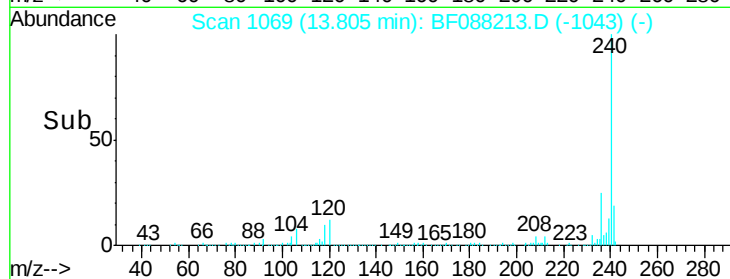
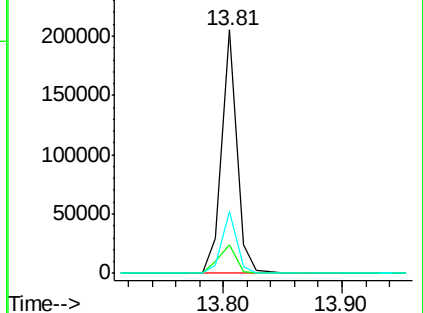
236 25.3 20.2 30.2



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: 57.18 ng

RT: 12.75 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF088213.D

Acq: 21 Jun 2016 11:52

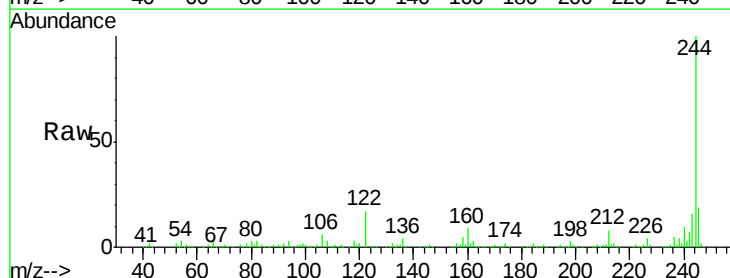
Tgt Ion:244 Resp: 453540

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

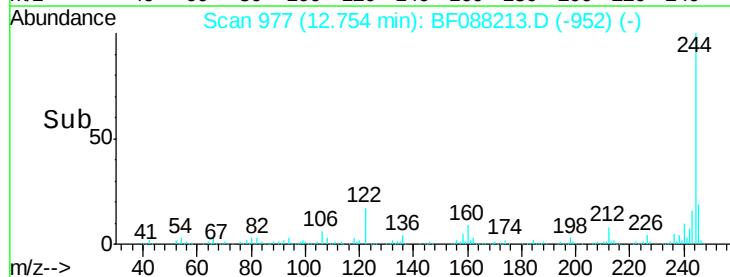
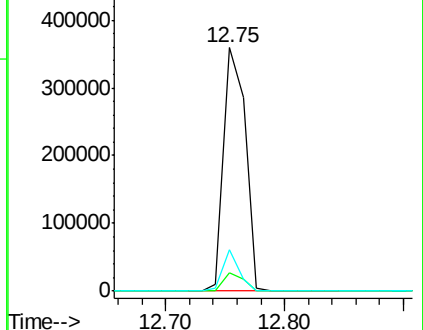
122 16.9 11.2 16.8#

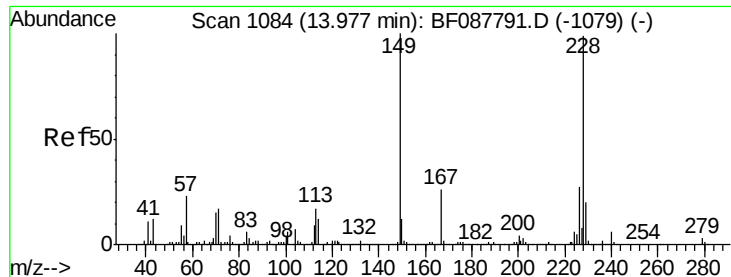


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.06 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BF088213.D

Acq: 21 Jun 2016 11:52

Instrument :

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ClientSampleId :

P8-B7(0-12)C

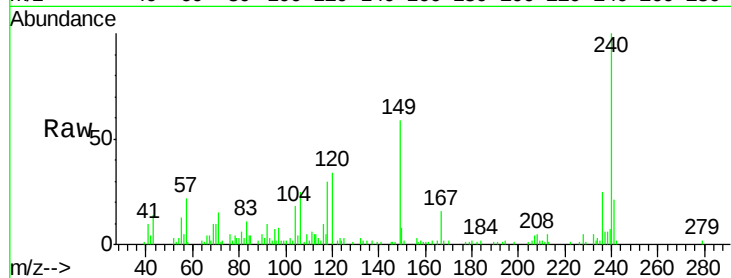
Tot Ion:149 Resp: 14820

Ion Ratio Lower Upper

149 100

167 26.7 20.5 30.7

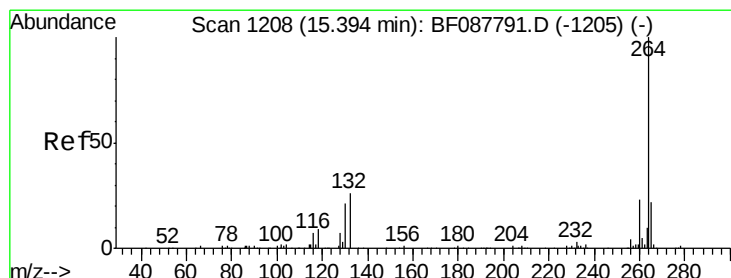
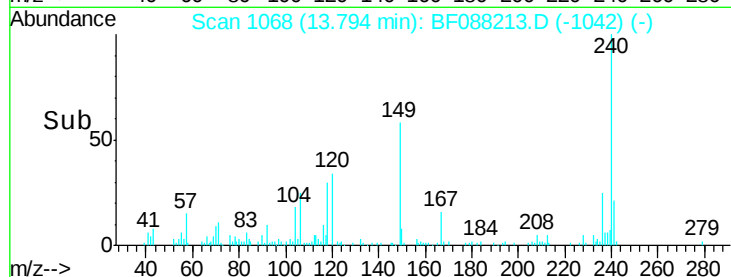
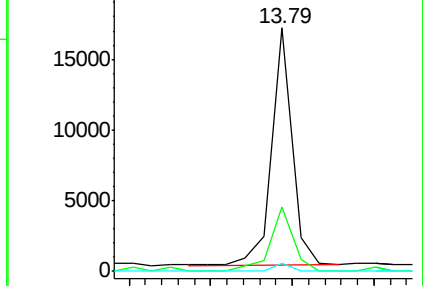
279 3.1 2.0 3.0#



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: 15.18 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF088213.D

Acq: 21 Jun 2016 11:52

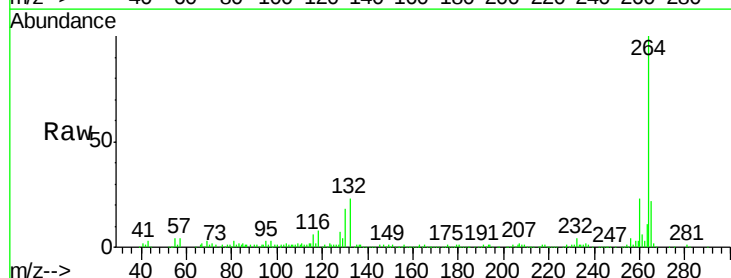
Tgt Ion:264 Resp: 166453

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.3 16.9 25.3



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

