

Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
 Data File : BF088831.D
 Acq On : 8 Jul 2016 18:28
 Operator : UM/SJ
 Sample : H3813-01 50X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BL001-01

Quant Time: Jul 08 23:56:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

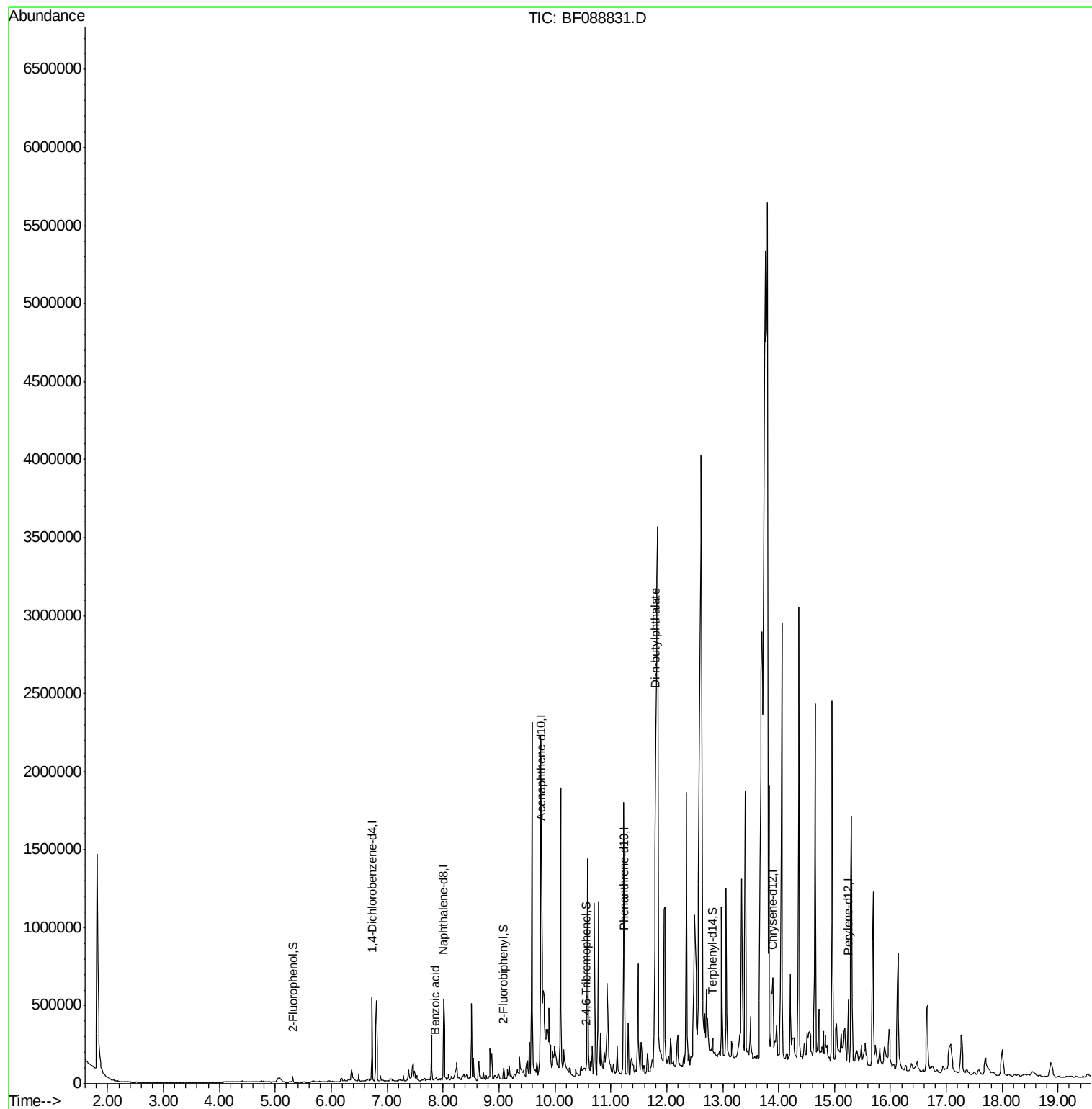
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	80470	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	299761	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	127376	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	251282	20.00	ng	0.00
75) Chrysene-d12	13.89	240	156779	20.00	ng	0.01
86) Perylene-d12	15.25	264	156422	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	10821	2.02	ng	-0.01
7) Phenol-d6	6.36	99	13520	1.95	ng	-0.01
23) Nitrobenzene-d5	7.29	82	10677	1.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	3441	2.91	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	18334	2.27	ng	-0.01
78) Terphenyl-d14	12.82	244	16922	2.40	ng	0.00
Target Compounds						
32) Benzoic acid	7.86	122	7813	2.18	ng	86
73) Di-n-butylphthalate	11.80	149	91529	6.12	ng	99

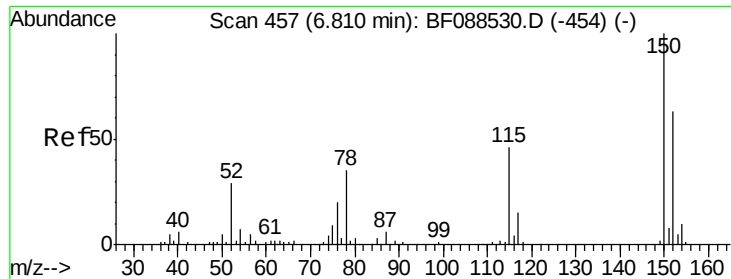
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF088831.D

Acq: 8 Jul 2016 18:28

Instrument :

BNA_F

ClientSampleId :

P001-BL001-01

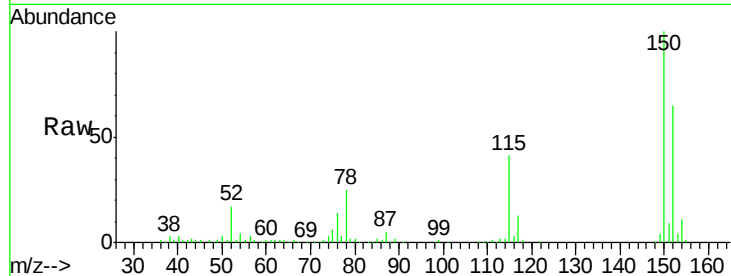
Tot Ion:152 Resp: 80470

Ion Ratio Lower Upper

152 100

150 154.2 123.8 185.6

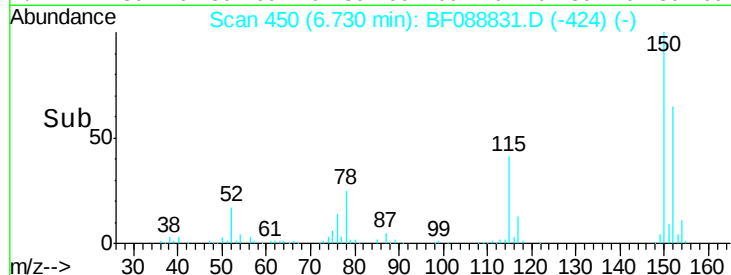
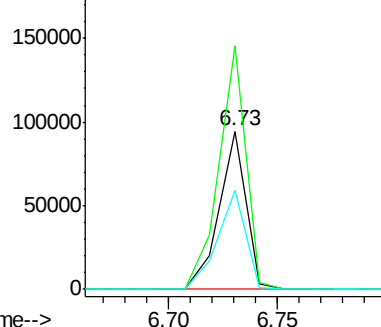
115 62.7 39.6 59.4#



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: 2.02 ng

RT: 5.31 min Scan# 326

Delta R.T. -0.01 min

Lab File: BF088831.D

Acq: 8 Jul 2016 18:28

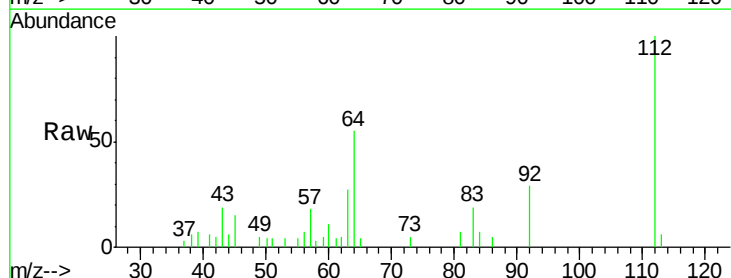
Tgt Ion:112 Resp: 10821

Ion Ratio Lower Upper

112 100

64 55.3 42.2 63.2

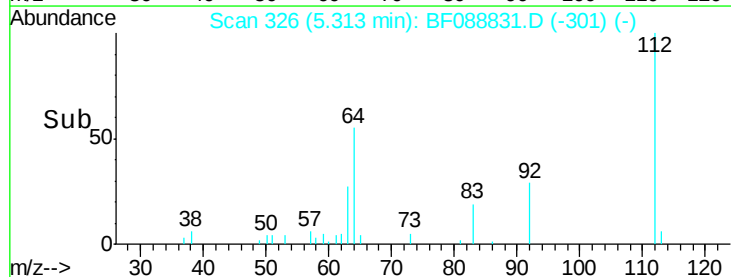
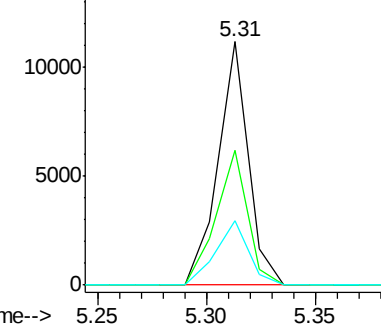
63 26.7 21.8 32.8



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: 1.95 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF088831.D

Acq: 8 Jul 2016 18:28

Instrument :

BNA_F

ClientSampleId :

P001-BL001-01

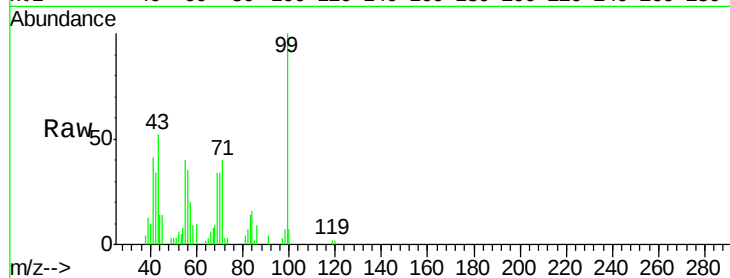
Tot Ion: 99 Resp: 13520

Ion Ratio Lower Upper

99 100

42 34.3 12.2 18.2#

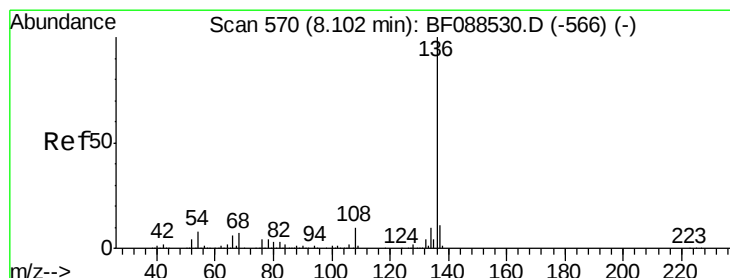
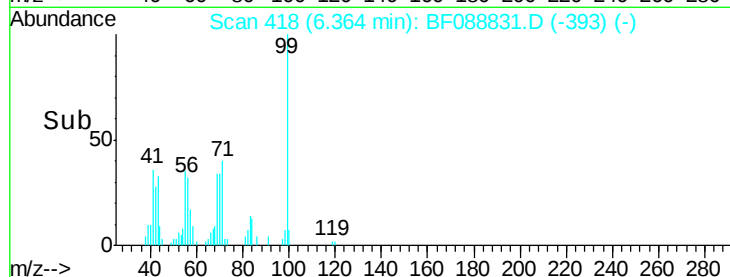
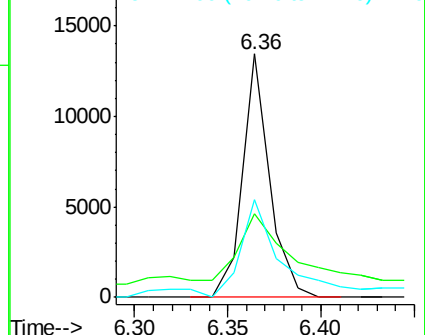
71 40.0 23.4 35.0#



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: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088831.D

Acq: 8 Jul 2016 18:28

Tgt Ion: 136 Resp: 299761

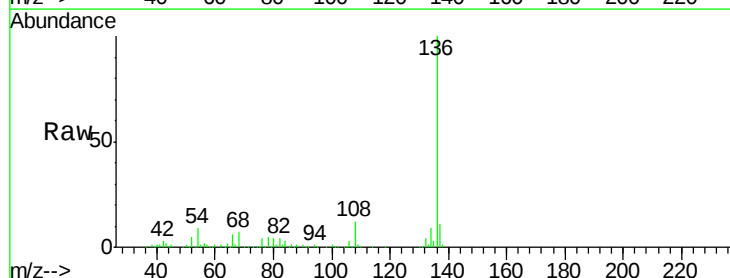
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.2 6.6 10.0

68 7.4 5.1 7.7

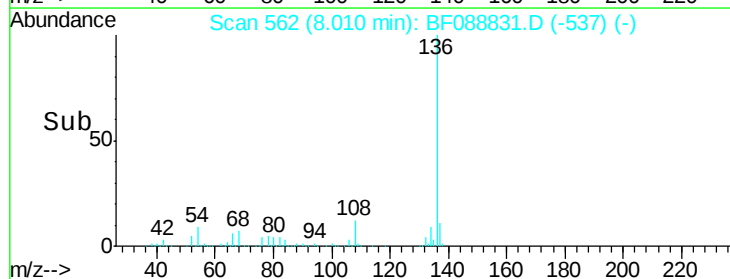
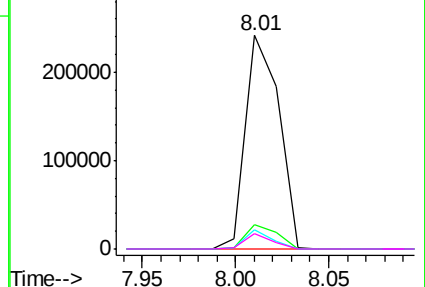


Abundance Ion 136.00 (135.70 to 136.70): E

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

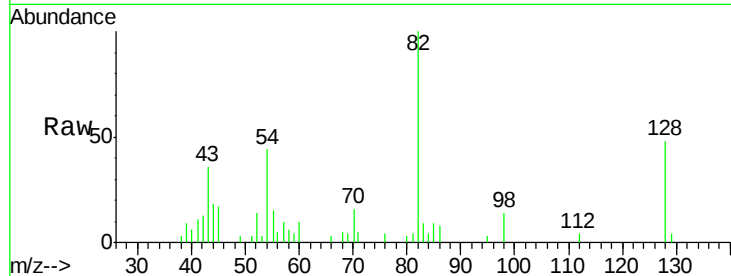




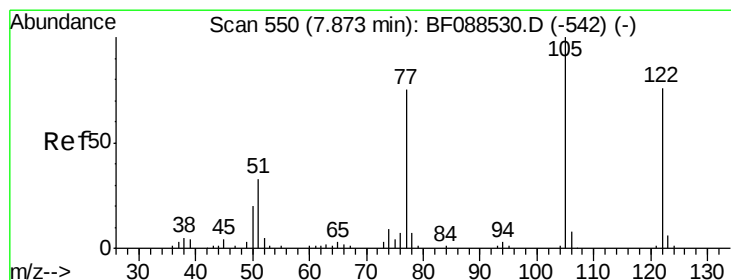
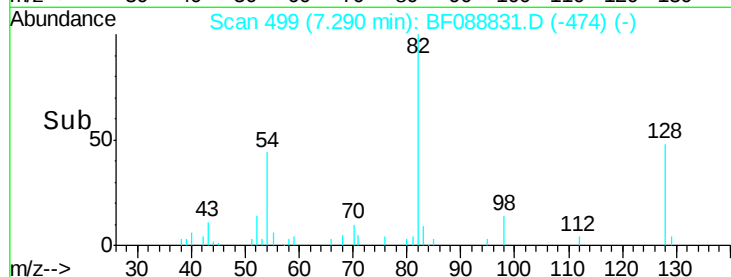
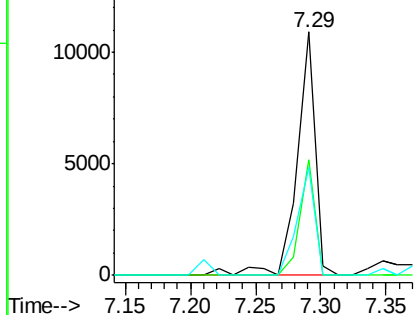
#23
 Nitrobenzene-d5
 Concen: 1.87 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF088831.D
 Acq: 8 Jul 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 P001-BL001-01

Tot Ion	82	Resp	10677
Ion Ratio	Lower	Upper	
82	100		
128	47.6	35.9	53.9
54	44.1	40.9	61.3

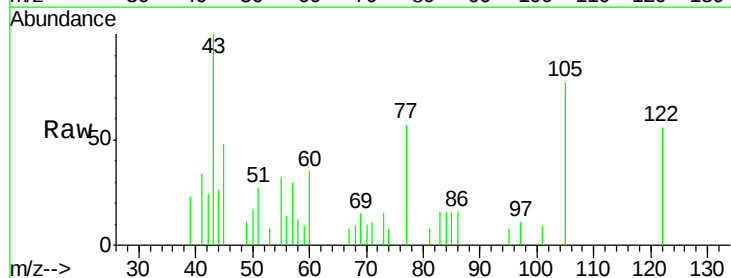


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

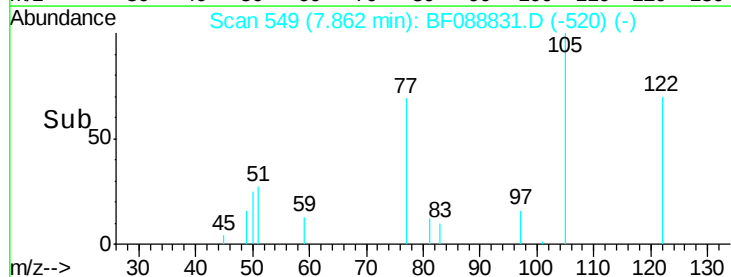
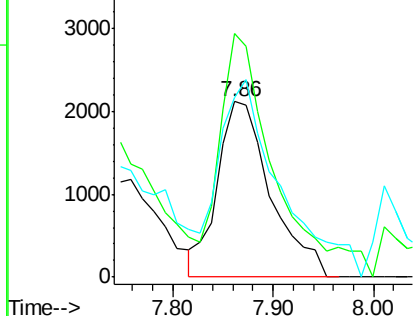


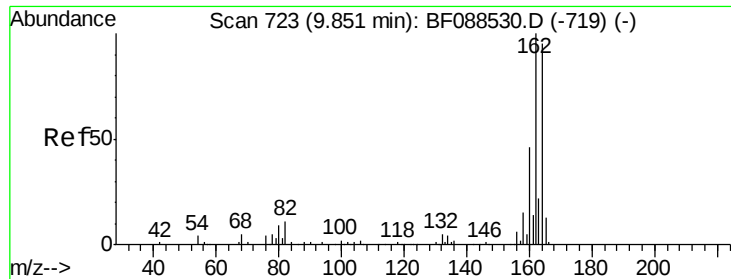
#32
 Benzoic acid
 Concen: 2.18 ng
 RT: 7.86 min Scan# 549
 Delta R.T. 0.03 min
 Lab File: BF088831.D
 Acq: 8 Jul 2016 18:28

Tgt Ion	122	Resp	7813
Ion Ratio	Lower	Upper	
122	100		
105	139.0	101.6	141.6
77	102.7	70.6	110.6



Abundance Ion 122.00 (121.70 to 122.70): B
 Ion 105.00 (104.70 to 105.70): B
 Ion 77.00 (76.70 to 77.70): BF0

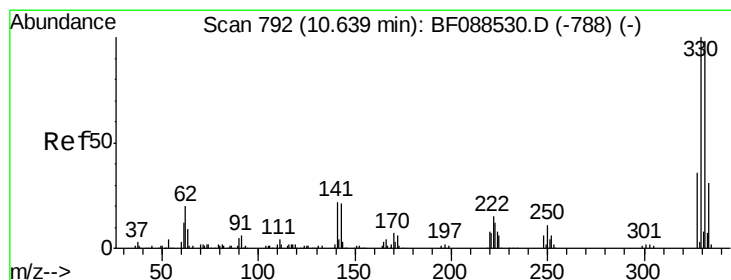
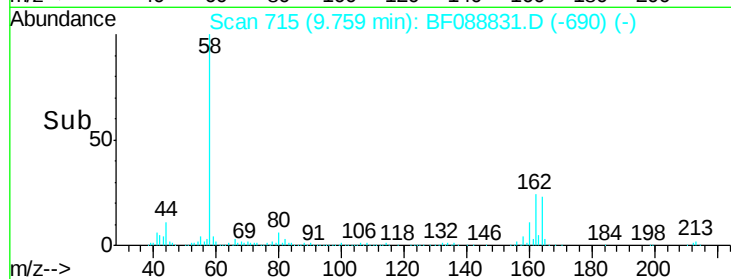
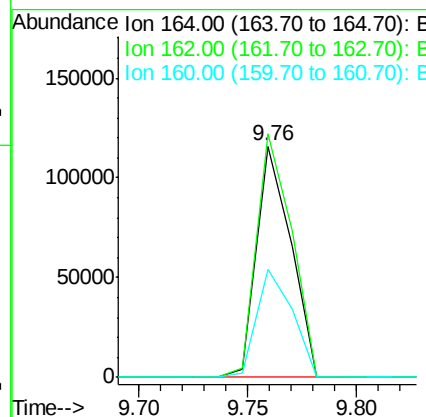
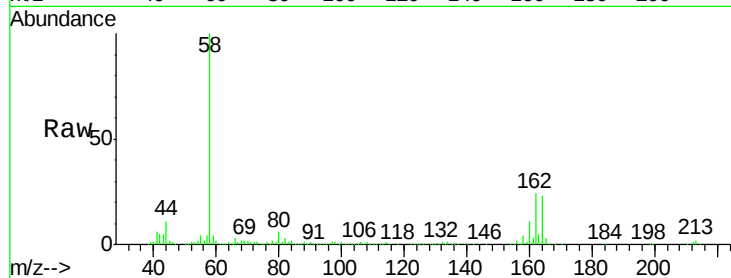




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088831.D
 Acq: 8 Jul 2016 18:28

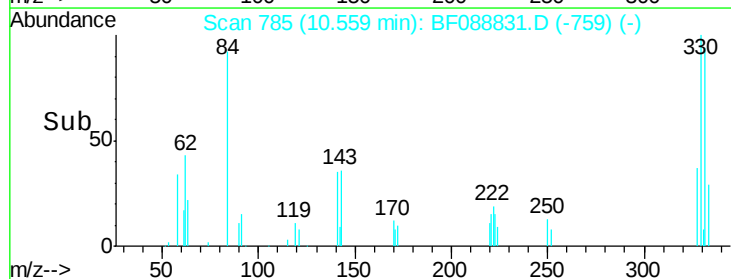
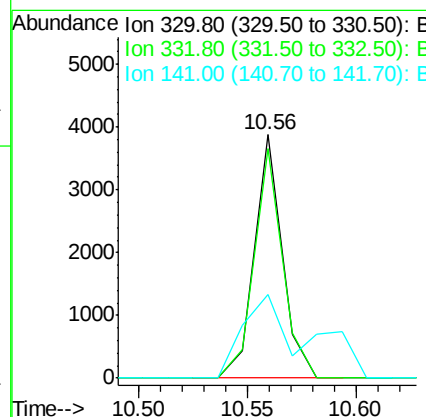
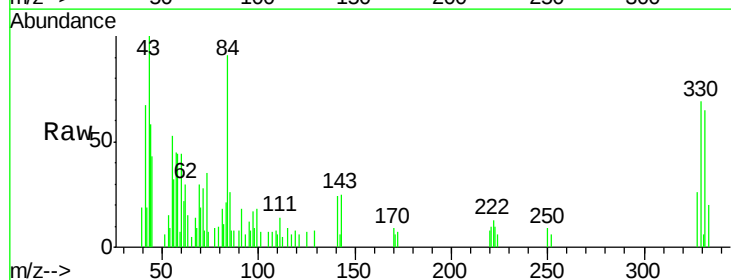
Instrument :
 BNA_F
 ClientSampleId :
 P001-BL001-01

Tot Ion:164 Resp: 127376
 Ion Ratio Lower Upper
 164 100
 162 105.2 85.4 128.2
 160 46.7 39.5 59.3



#41
 2,4,6-Tribromophenol
 Concen: 2.91 ng
 RT: 10.56 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF088831.D
 Acq: 8 Jul 2016 18:28

Tgt Ion:330 Resp: 3441
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 79.1 0.0 0.0#

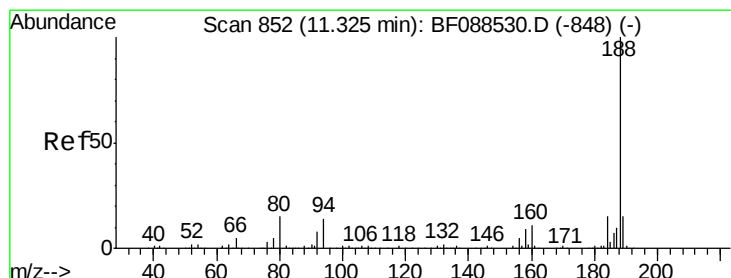
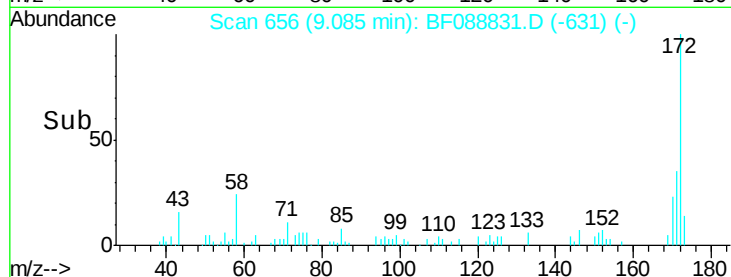
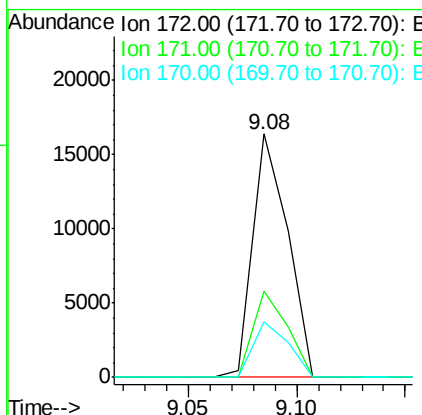
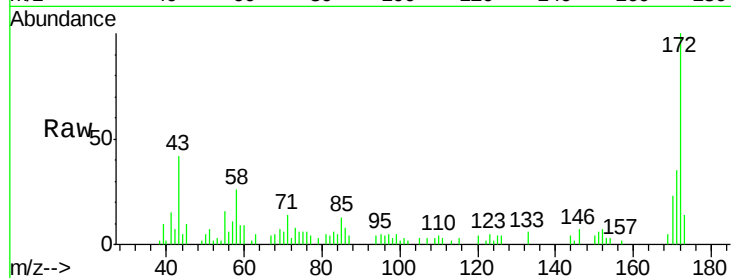




#44
2-Fluorobiphenyl
Concen: 2.27 ng
RT: 9.08 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF088831.D
Acq: 8 Jul 2016 18:28

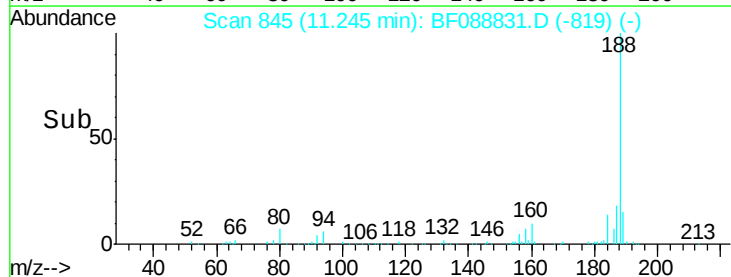
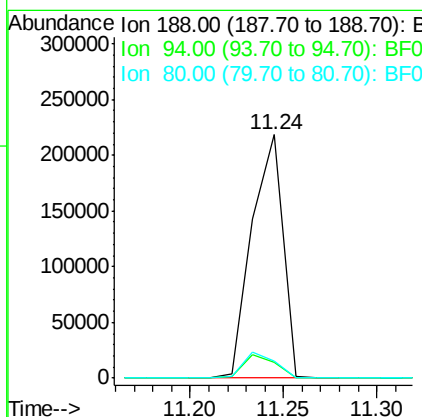
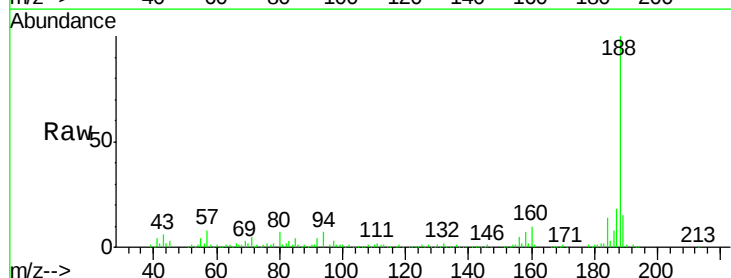
Instrument :
BNA_F
ClientSampleId :
P001-BL001-01

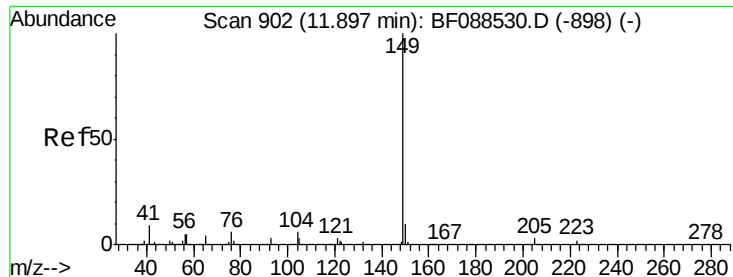
Tot Ion:172 Resp: 18334
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 22.9 19.2 28.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF088831.D
Acq: 8 Jul 2016 18:28

Tgt Ion:188 Resp: 251282
Ion Ratio Lower Upper
188 100
94 6.7 9.0 13.6#
80 6.8 10.0 15.0#





#73

Di-n-butylphthalate

Concen: 6.12 ng

RT: 11.80 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF088831.D

Acq: 8 Jul 2016 18:28

Instrument :

BNA_F

ClientSampleId :

P001-BL001-01

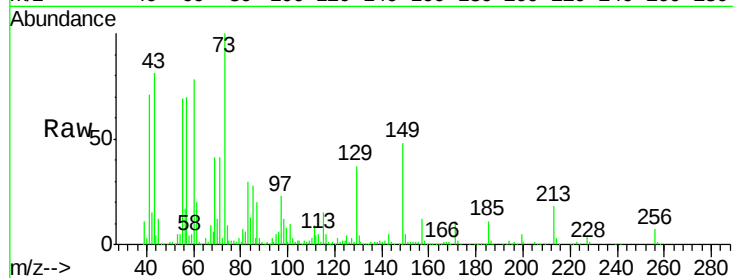
Tot Ion:149 Resp: 91529

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

104 5.2 4.0 6.0

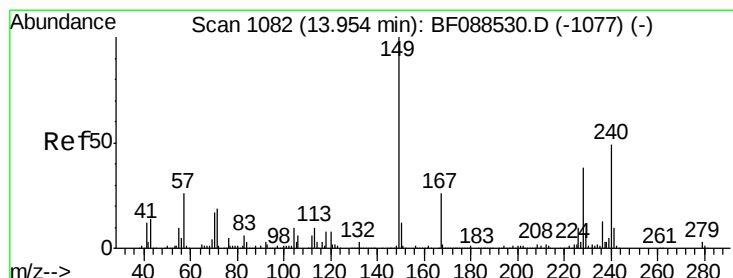
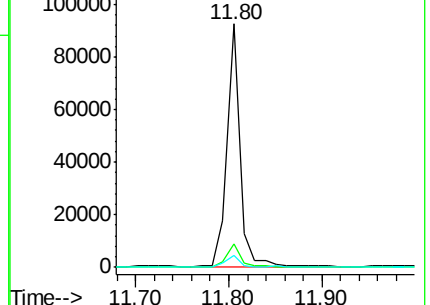
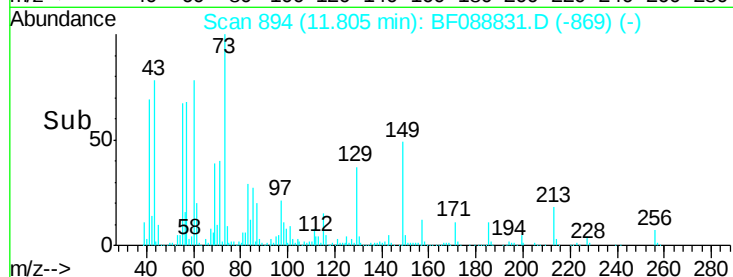


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1076

Delta R.T. 0.01 min

Lab File: BF088831.D

Acq: 8 Jul 2016 18:28

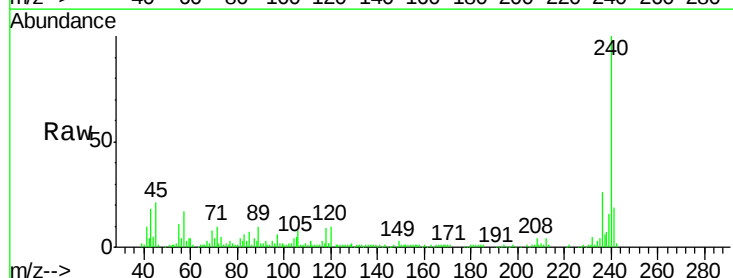
Tgt Ion:240 Resp: 156779

Ion Ratio Lower Upper

240 100

120 9.8 6.8 10.2

236 25.5 20.2 30.2

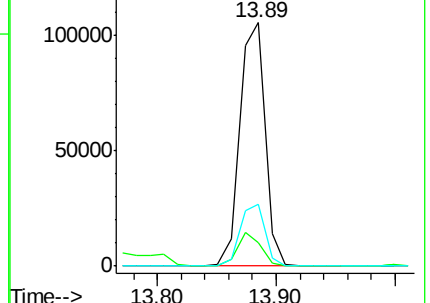
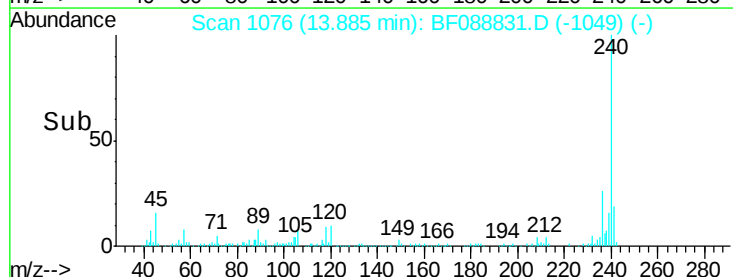


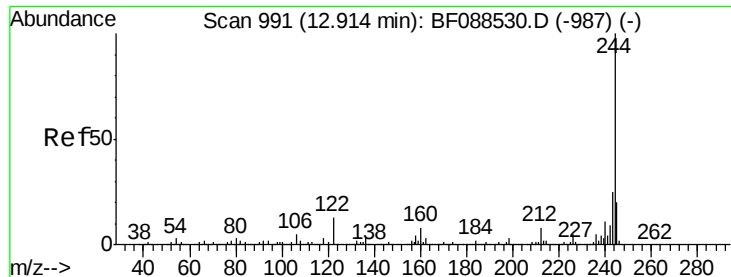
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->

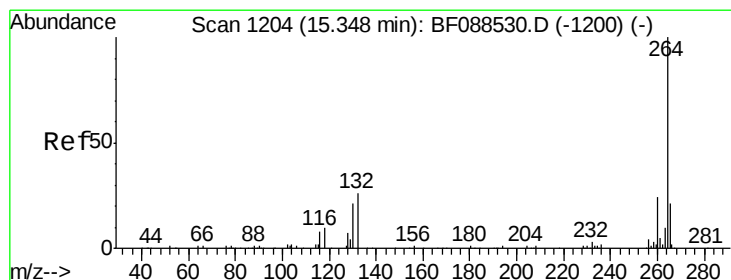
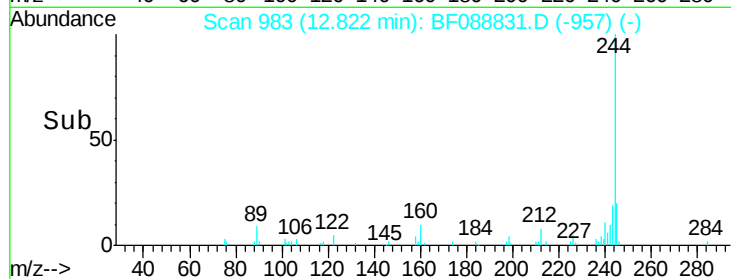
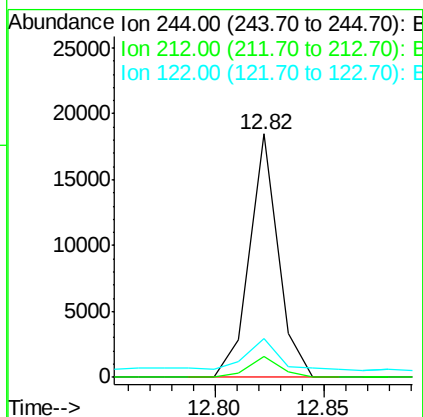
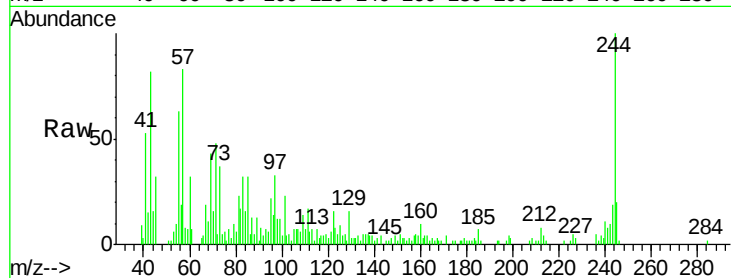




#78
 Terphenyl-d14
 Concen: 2.40 ng
 RT: 12.82 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF088831.D
 Acq: 8 Jul 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 P001-BL001-01

Tot Ion:244 Resp: 16922
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.0 9.0
 122 15.9 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF088831.D
 Acq: 8 Jul 2016 18:28

Tgt Ion:264 Resp: 156422
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.8 16.9 25.3

