

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071116\
 Data File : BF088907.D
 Acq On : 11 Jul 2016 18:56
 Operator : UM/SJ
 Sample : H3915-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q6-B2-0-11-C

Quant Time: Jul 12 02:04:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

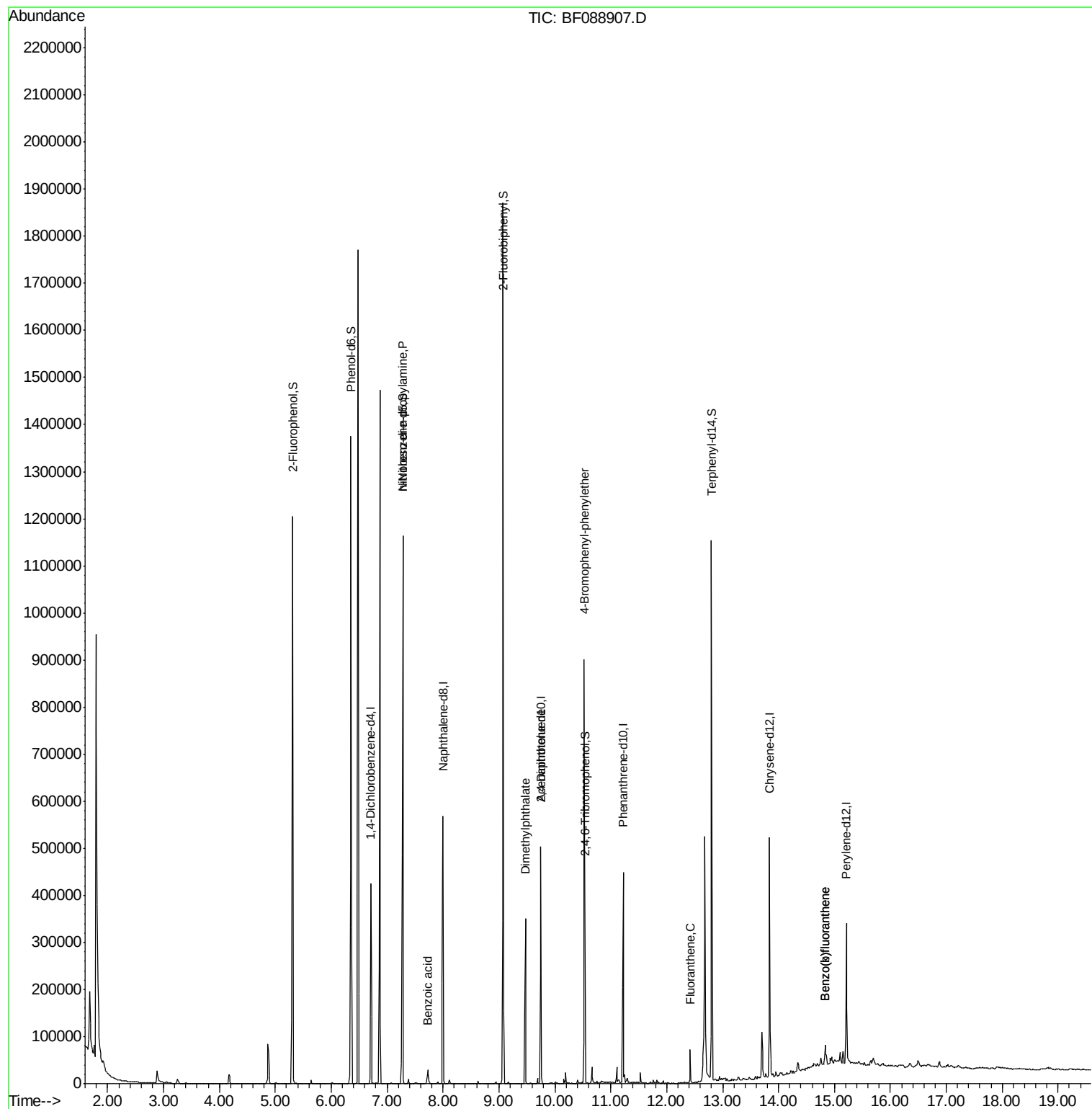
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	67263	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	276778	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	109179	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	180893	20.00	ng	0.00
75) Chrysene-d12	13.84	240	141360	20.00	ng	-0.01
86) Perylene-d12	15.21	264	118070	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	506879	112.94	ng	0.02
7) Phenol-d6	6.35	99	551111	95.03	ng	0.00
23) Nitrobenzene-d5	7.28	82	417275	79.01	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	120566	118.92	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	541326	78.32	ng	0.00
78) Terphenyl-d14	12.80	244	360901	56.87	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	57130	14.67	ng	# 69
32) Benzoic acid	7.72	122	8939	2.71	ng	89
49) Dimethylphthalate	9.47	163	182295	23.44	ng	98
56) 2,4-Dinitrotoluene	9.75	165	13652	6.06	ng	# 36
66) 4-Bromophenyl-phenylether	10.52	248	7756	4.25	ng	# 1
74) Fluoranthene	12.42	202	27080	2.70	ng	98
87) Benzo(b)fluoranthene	14.83	252	24889	3.36	ng	# 94
88) Benzo(k)fluoranthene	14.83	252	24889	3.86	ng	98

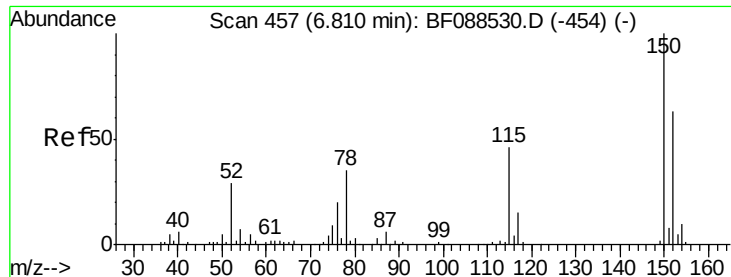
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF088907.D

Acq: 11 Jul 2016 18:56

Instrument :

BNA_F

ClientSampleId :

Q6-B2-0-11-C

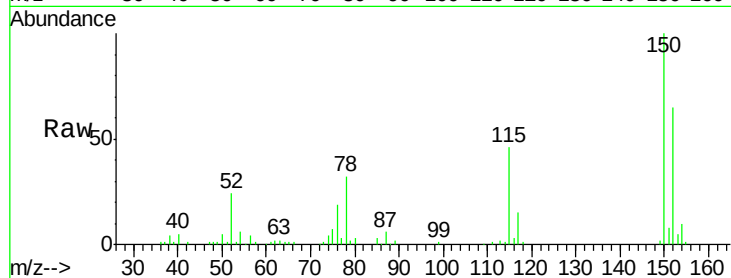
Tgt Ion:152 Resp: 67263

Ion Ratio Lower Upper

152 100

150 154.4 123.8 185.6

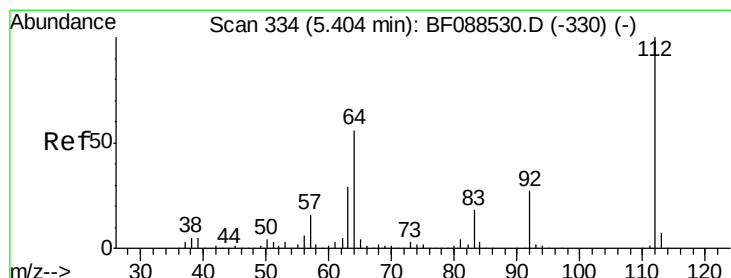
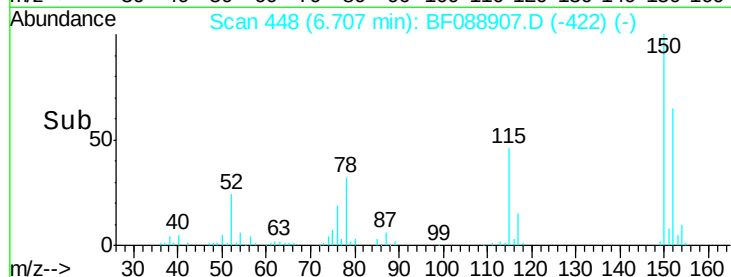
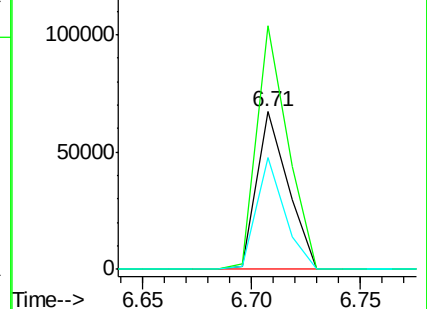
115 71.2 39.6 59.4#



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: 112.94 ng

RT: 5.31 min Scan# 326

Delta R.T. 0.02 min

Lab File: BF088907.D

Acq: 11 Jul 2016 18:56

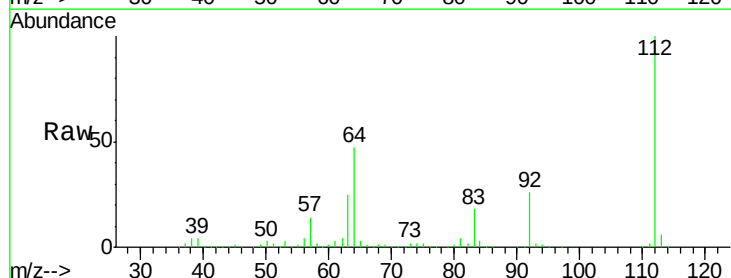
Tgt Ion:112 Resp: 506879

Ion Ratio Lower Upper

112 100

64 46.5 42.2 63.2

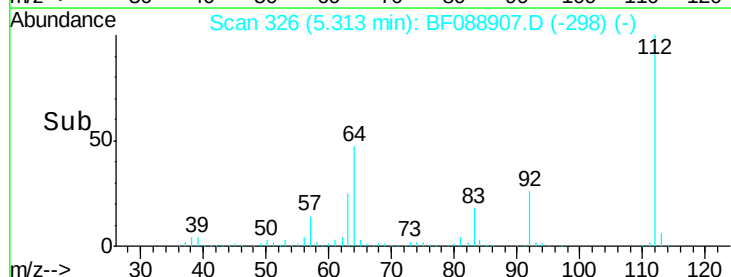
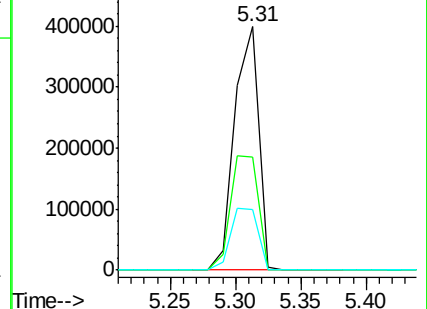
63 24.7 21.8 32.8

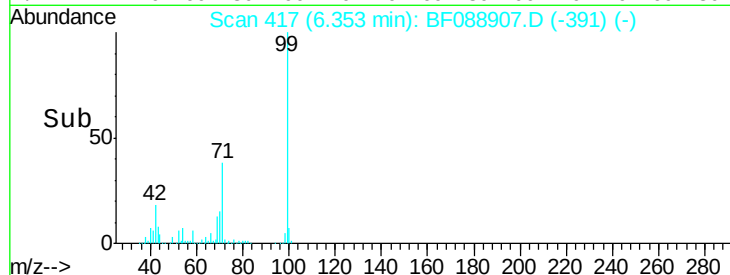
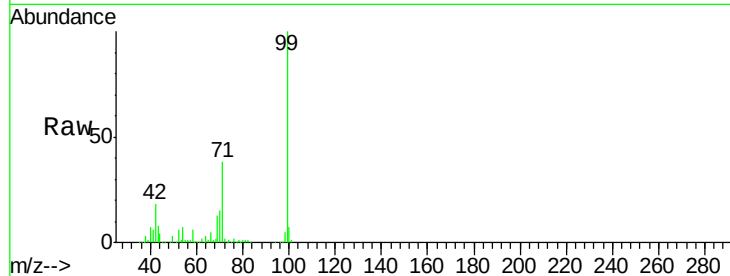
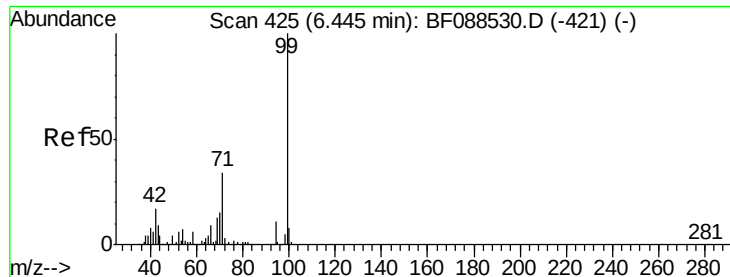


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.03 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088907.D

Acq: 11 Jul 2016 18:56

Instrument :

BNA_F

ClientSampleId :

Q6-B2-0-11-C

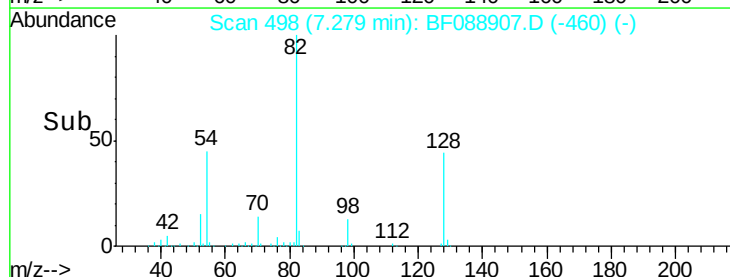
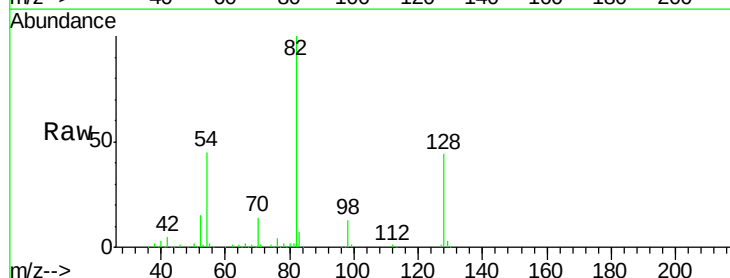
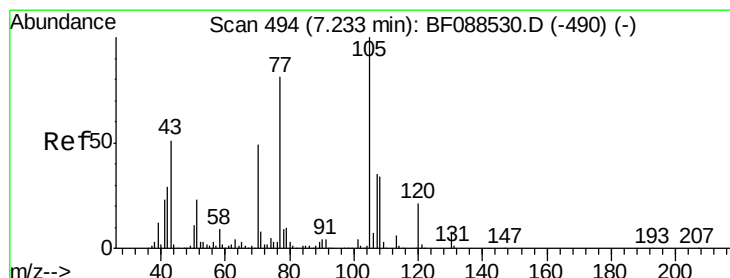
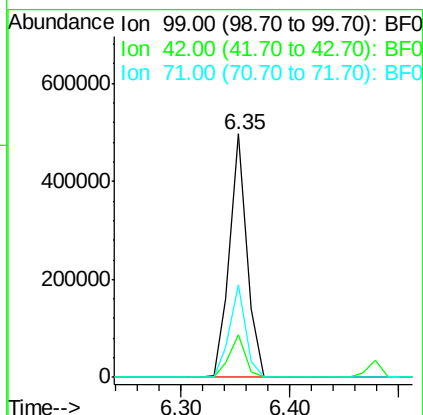
Tgt Ion: 99 Resp: 551111

Ion Ratio Lower Upper

99 100

42 17.6 12.2 18.2

71 37.8 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 14.67 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.14 min

Lab File: BF088907.D

Acq: 11 Jul 2016 18:56

Tgt Ion: 70 Resp: 57130

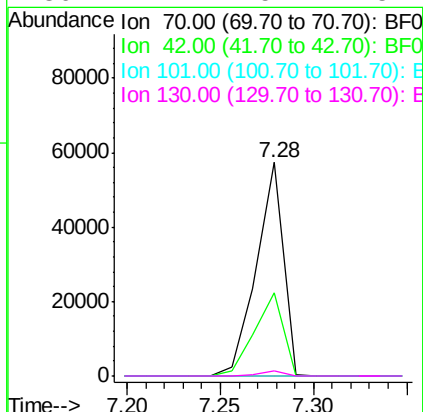
Ion Ratio Lower Upper

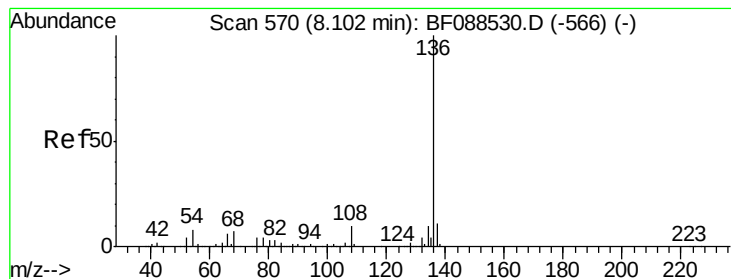
70 100

42 38.8 49.6 74.4#

101 0.0 7.1 10.7#

130 2.2 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF088907.D

Acq: 11 Jul 2016 18:56

Instrument :

BNA_F

ClientSampleId :

Q6-B2-0-11-C

Tgt Ion:136 Resp: 276778

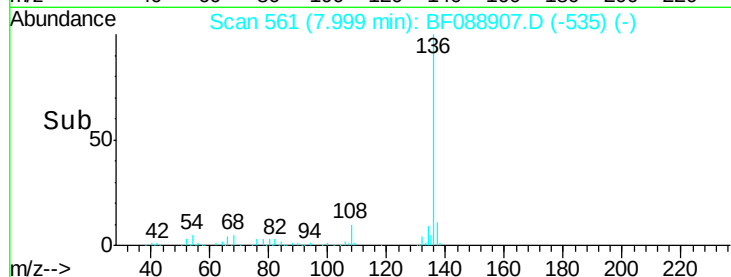
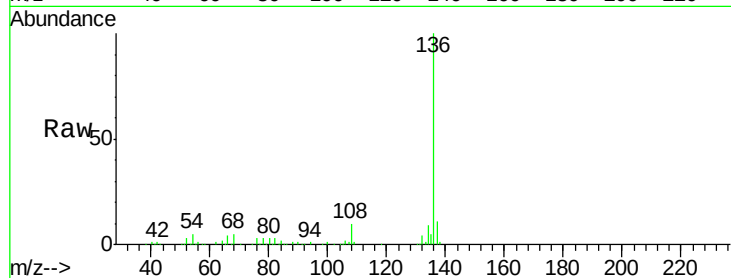
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.4 6.6 10.0#

68 4.6 5.1 7.7#

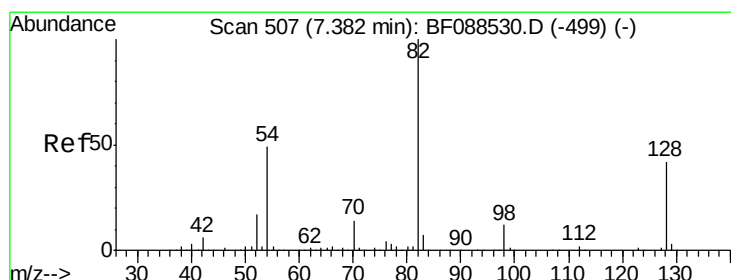
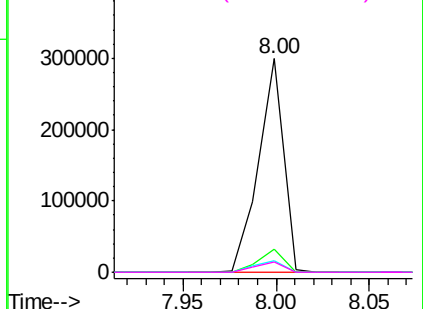


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.01 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF088907.D

Acq: 11 Jul 2016 18:56

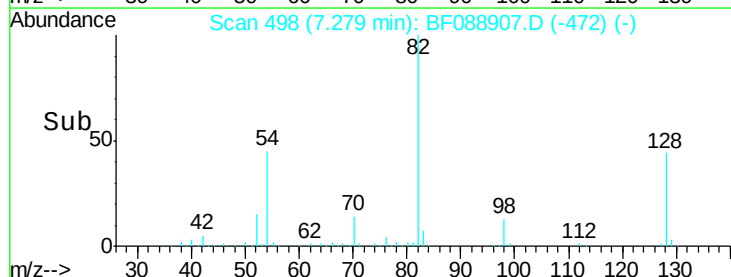
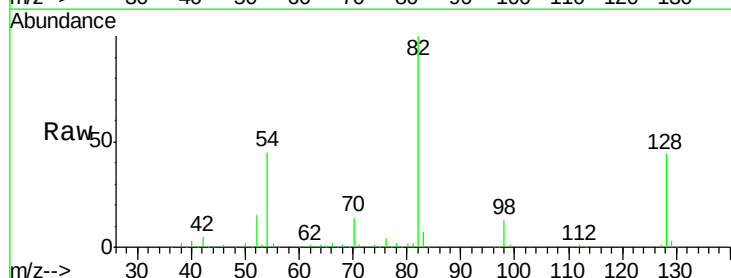
Tgt Ion: 82 Resp: 417275

Ion Ratio Lower Upper

82 100

128 44.2 35.9 53.9

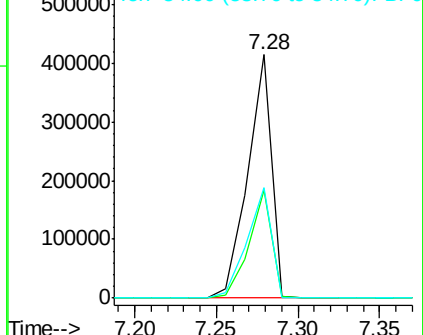
54 45.4 40.9 61.3

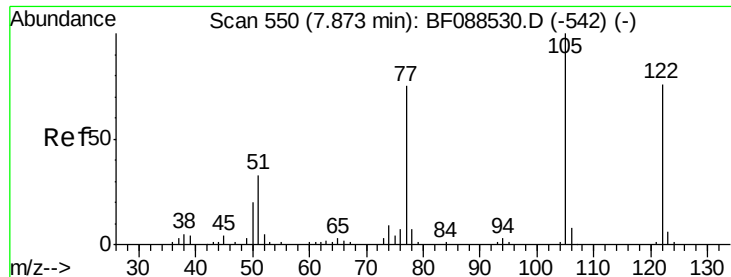


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

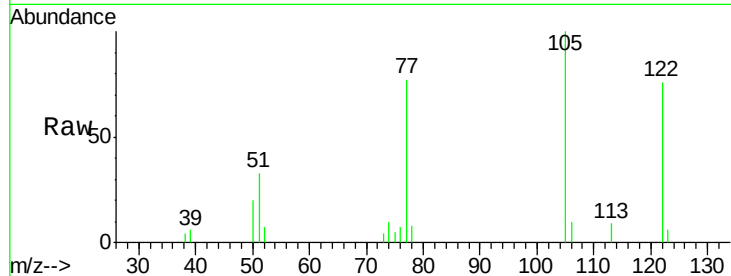




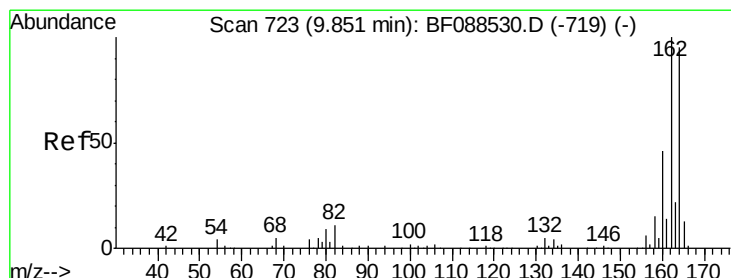
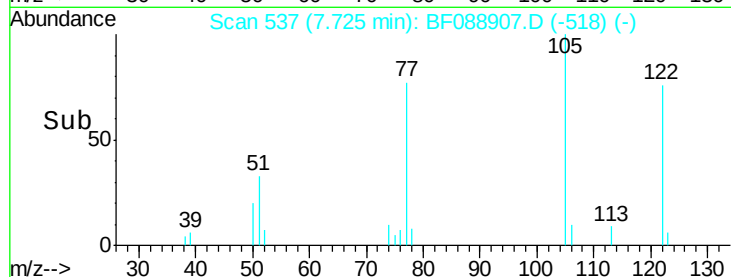
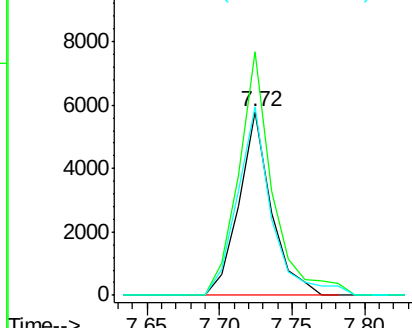
#32
Benzoic acid
Concen: 2.71 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.08 min
Lab File: BF088907.D
Acq: 11 Jul 2016 18:56

Instrument :
BNA_F
ClientSampleId :
Q6-B2-0-11-C

Tgt Ion:122 Resp: 8939
Ion Ratio Lower Upper
122 100
105 132.3 101.6 141.6
77 102.4 70.6 110.6

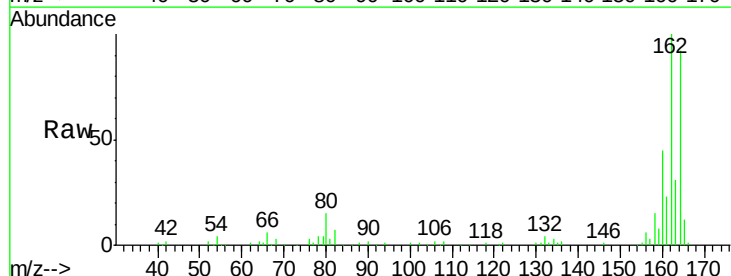


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

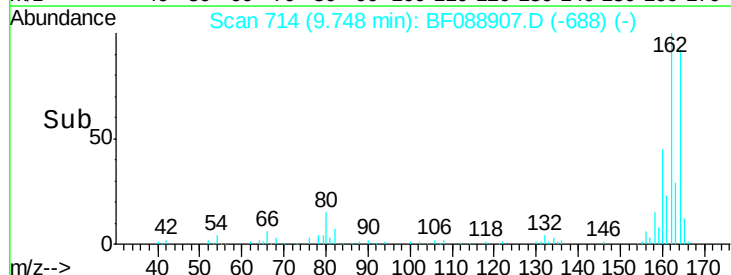
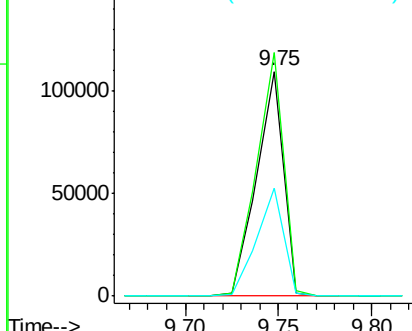


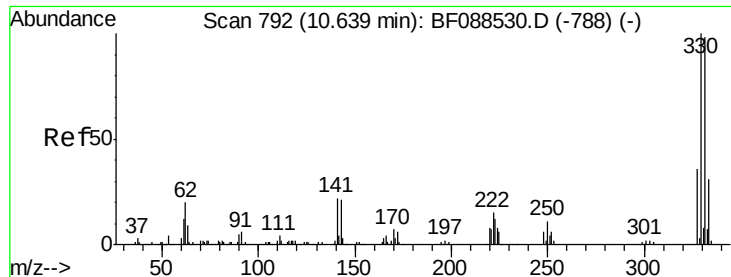
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF088907.D
Acq: 11 Jul 2016 18:56

Tgt Ion:164 Resp: 109179
Ion Ratio Lower Upper
164 100
162 108.3 85.4 128.2
160 48.2 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

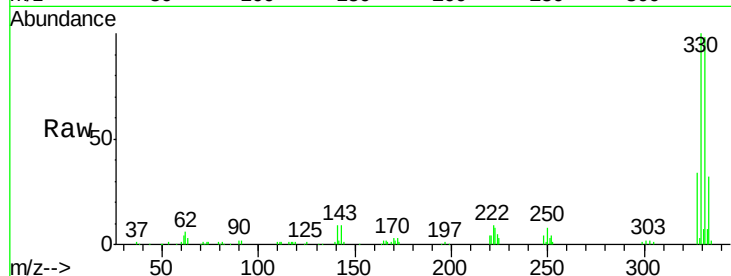




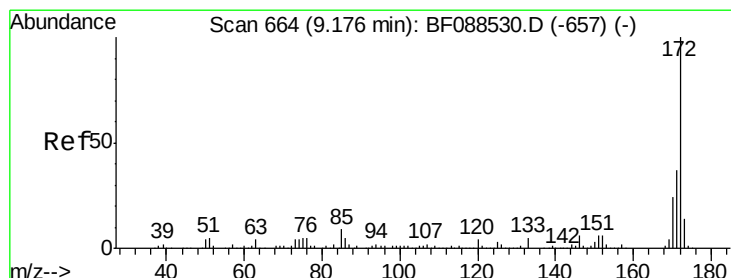
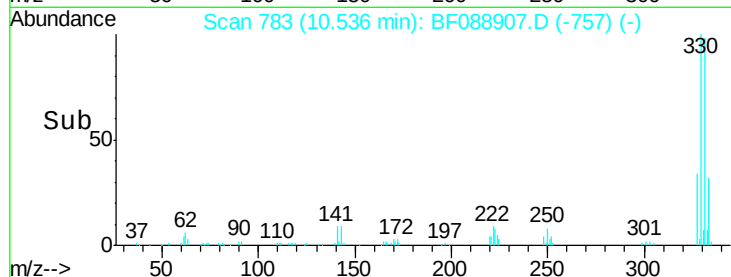
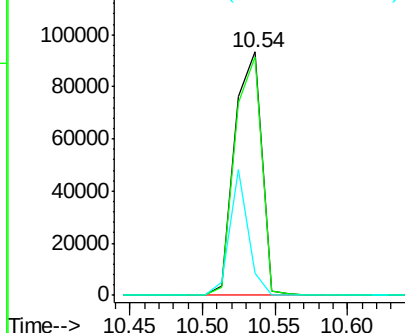
#41
 2,4,6-Tribromophenol
 Concen: 118.92 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF088907.D
 Acq: 11 Jul 2016 18:56

Instrument :
 BNA_F
 ClientSampleId :
 Q6-B2-0-11-C

Tgt Ion:330 Resp: 120566
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 35.2 0.0 0.0#

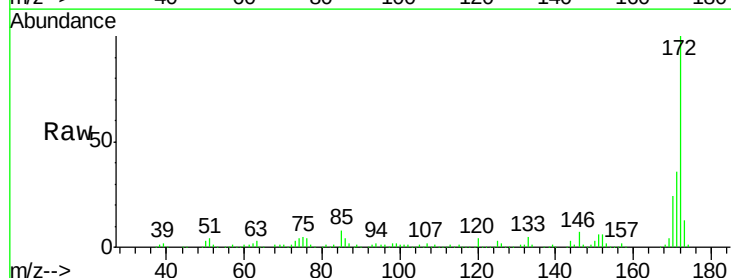


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

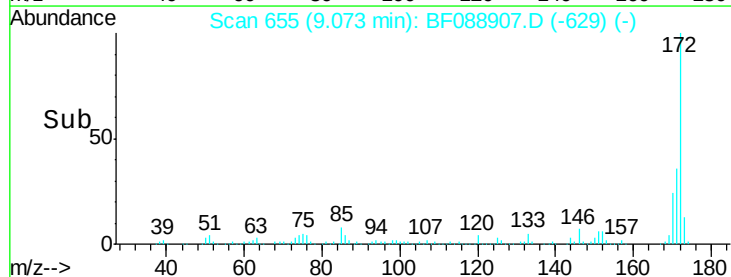
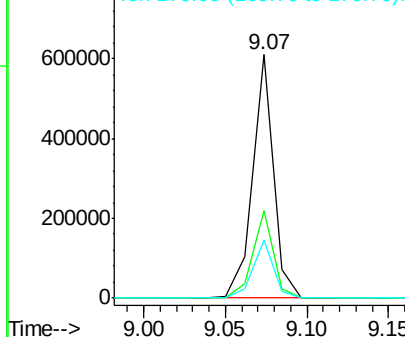


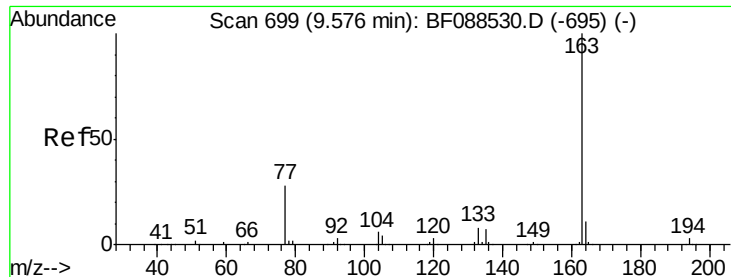
#44
 2-Fluorobiphenyl
 Concen: 78.32 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF088907.D
 Acq: 11 Jul 2016 18:56

Tgt Ion:172 Resp: 541326
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.7 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

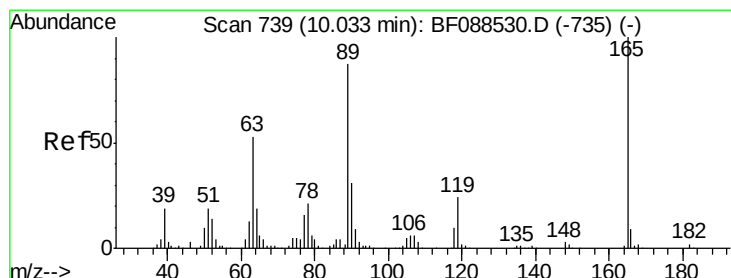
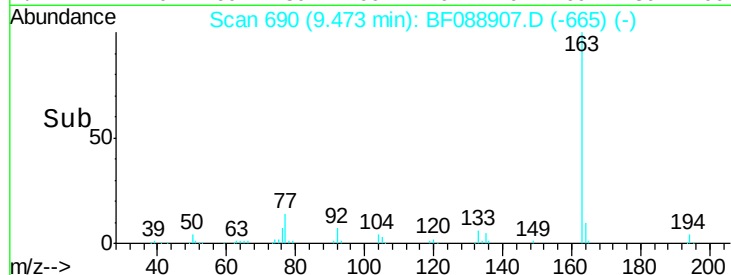
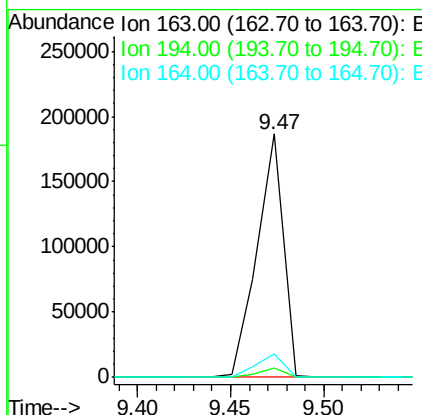
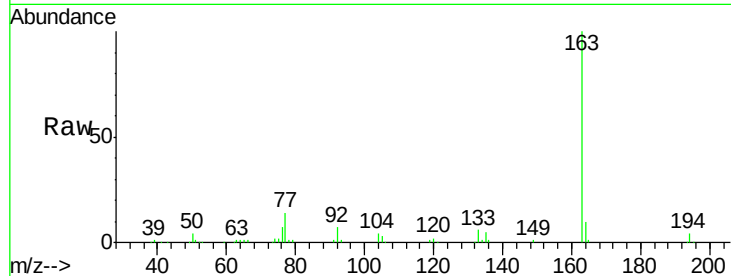




#49
Dimethylphthalate
Concen: 23.44 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF088907.D
Acq: 11 Jul 2016 18:56

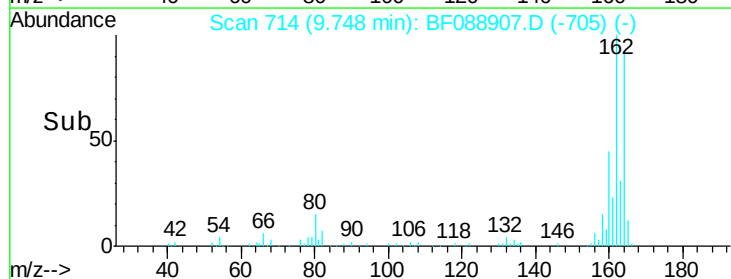
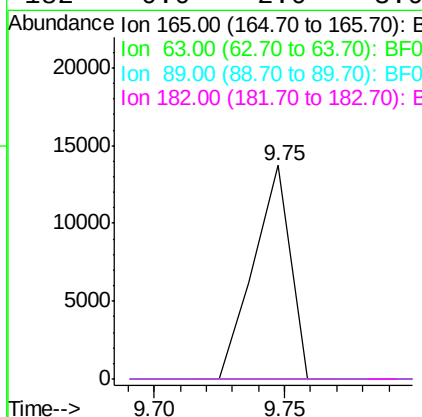
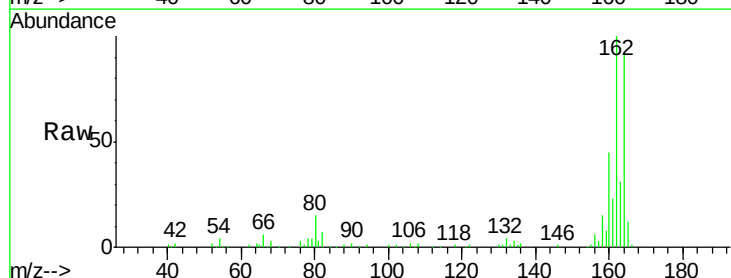
Instrument :
BNA_F
ClientSampleId :
Q6-B2-0-11-C

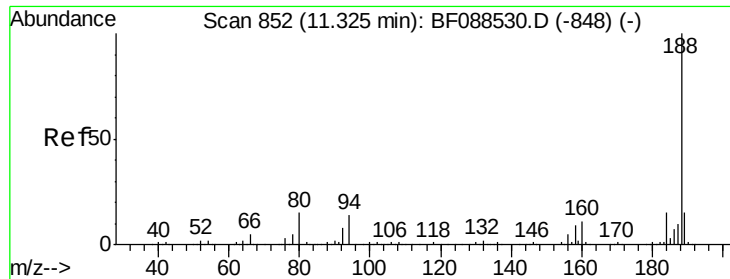
Tgt Ion:163 Resp: 182295
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.7 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.06 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.19 min
Lab File: BF088907.D
Acq: 11 Jul 2016 18:56

Tgt Ion:165 Resp: 13652
Ion Ratio Lower Upper
165 100
63 0.0 22.0 33.0#
89 0.0 41.1 61.7#
182 0.0 2.0 3.0#

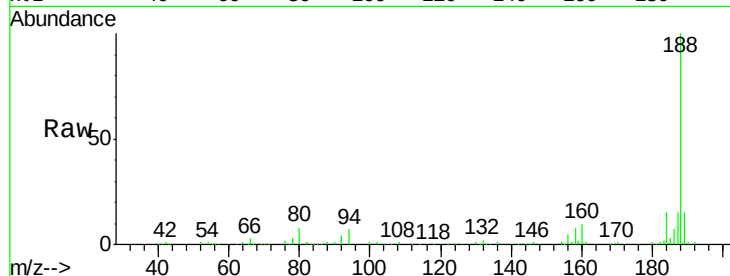




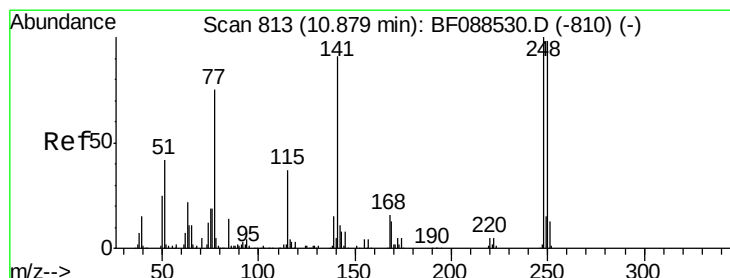
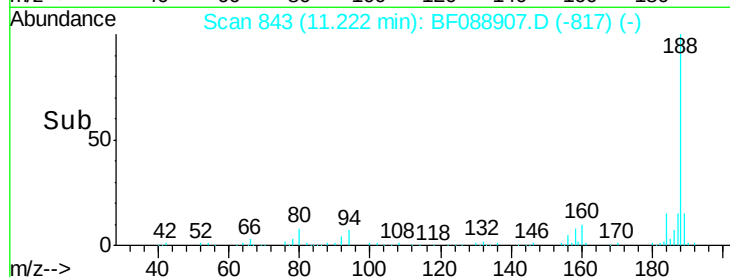
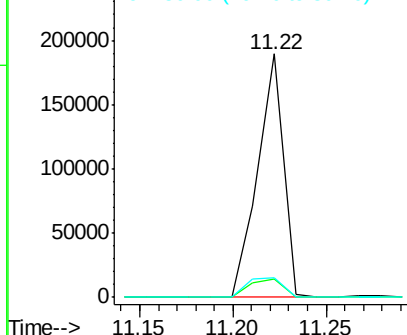
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF088907.D
Acq: 11 Jul 2016 18:56

Instrument :
BNA_F
ClientSampleId :
Q6-B2-0-11-C

Tgt Ion:188 Resp: 180893
Ion Ratio Lower Upper
188 100
94 7.4 9.0 13.6#
80 7.8 10.0 15.0#

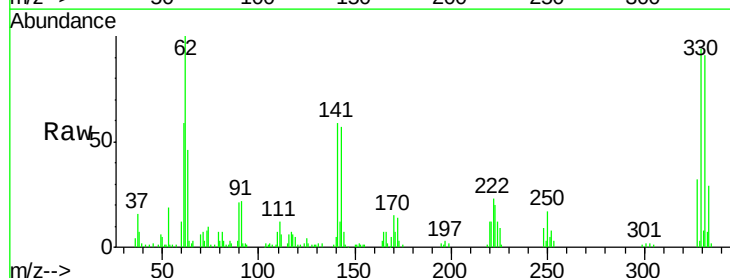


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

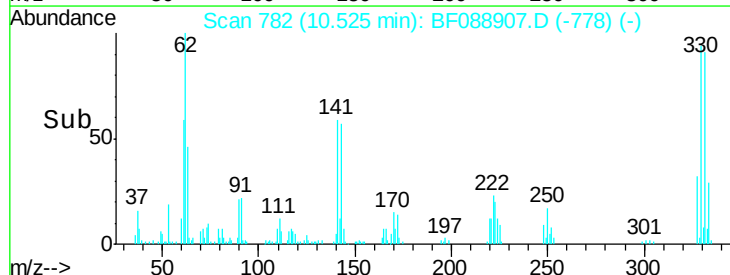
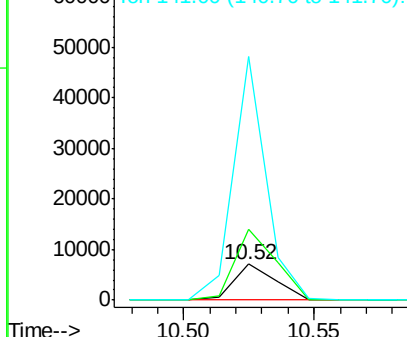


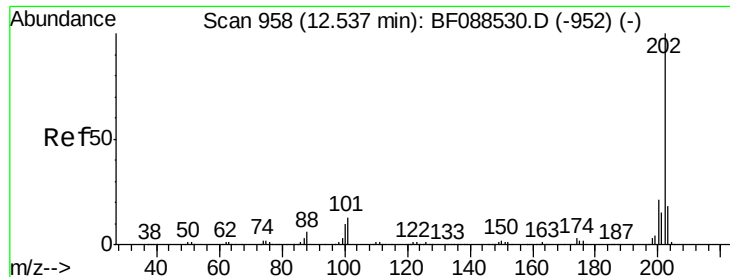
#66
4-Bromophenyl-phenylether
Concen: 4.25 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.25 min
Lab File: BF088907.D
Acq: 11 Jul 2016 18:56

Tgt Ion:248 Resp: 7756
Ion Ratio Lower Upper
248 100
250 196.0 77.1 115.7#
141 678.2 50.6 76.0#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

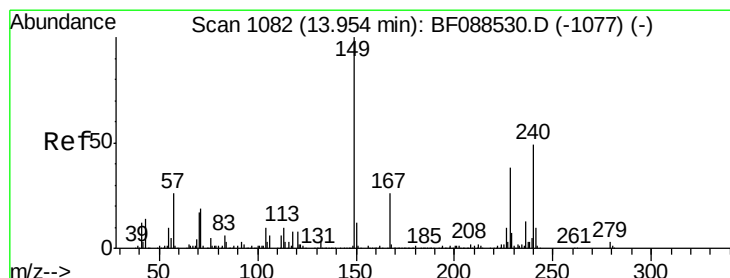
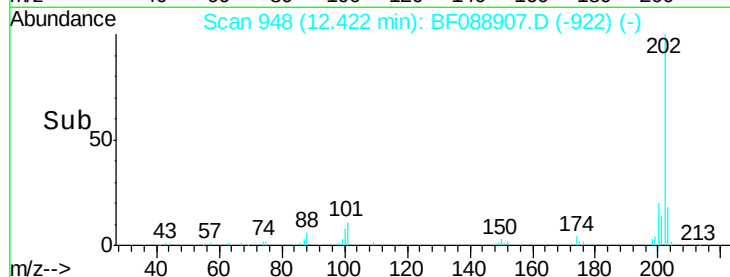
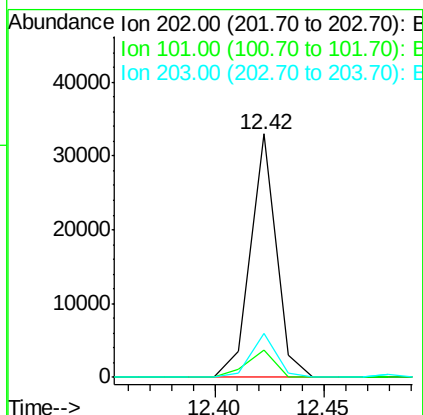
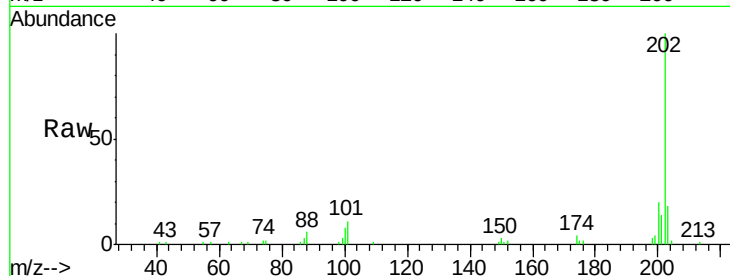




#74
Fluoranthene
Concen: 2.70 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF088907.D
Acq: 11 Jul 2016 18:56

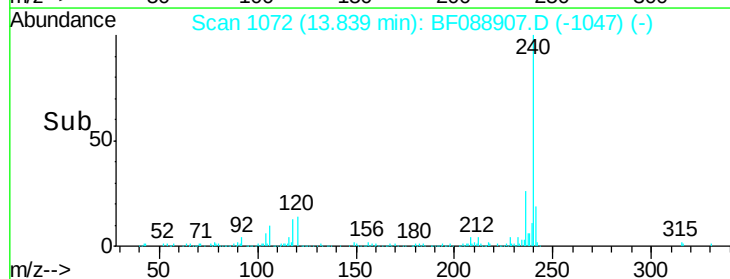
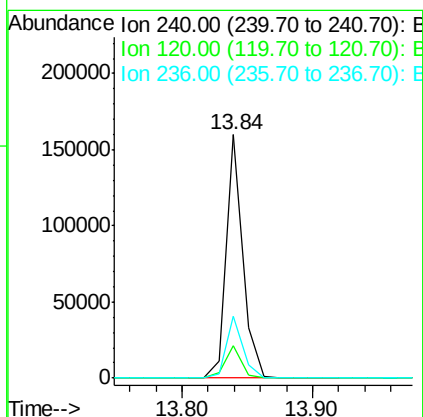
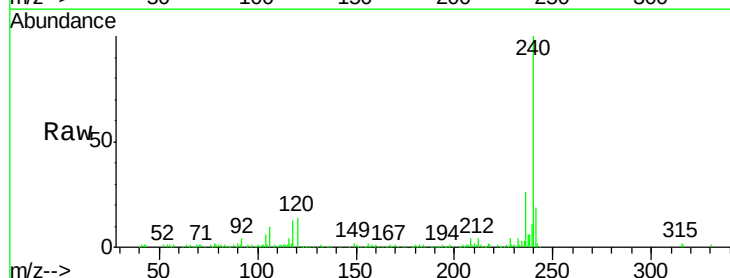
Instrument :
BNA_F
ClientSampleId :
Q6-B2-0-11-C

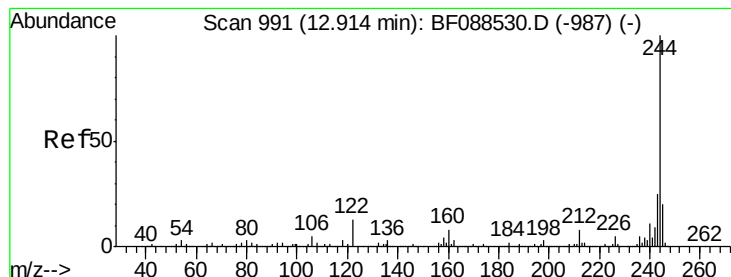
Tgt Ion: 202 Resp: 27080
Ion Ratio Lower Upper
202 100
101 11.2 0.0 33.1
203 17.9 0.0 38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088907.D
Acq: 11 Jul 2016 18:56

Tgt Ion: 240 Resp: 141360
Ion Ratio Lower Upper
240 100
120 13.5 6.8 10.2#
236 25.6 20.2 30.2





#78

Terphenyl-d14

Concen: 56.87 ng

RT: 12.80 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF088907.D

Acq: 11 Jul 2016 18:56

Instrument :

BNA_F

ClientSampleId :

Q6-B2-0-11-C

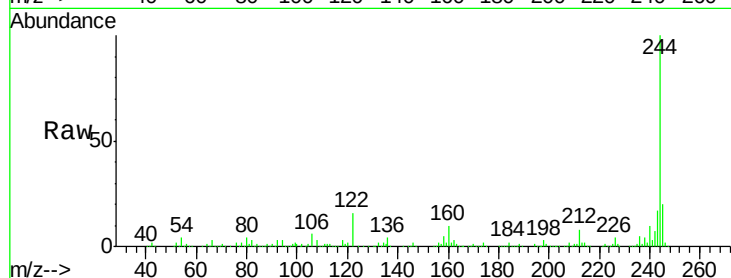
Tgt Ion:244 Resp: 360901

Ion Ratio Lower Upper

244 100

212 8.2 6.0 9.0

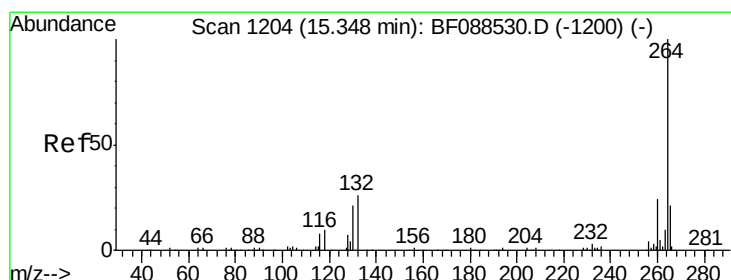
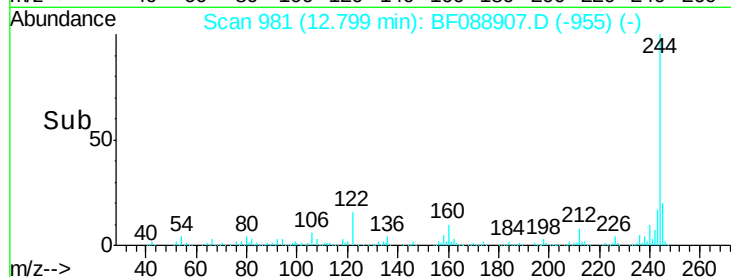
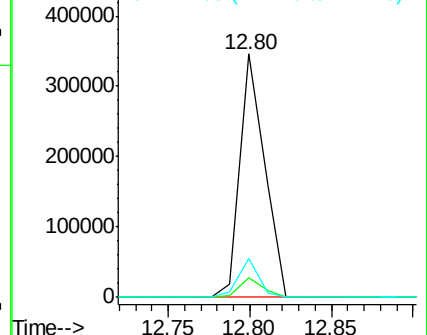
122 15.8 11.2 16.8



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.21 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BF088907.D

Acq: 11 Jul 2016 18:56

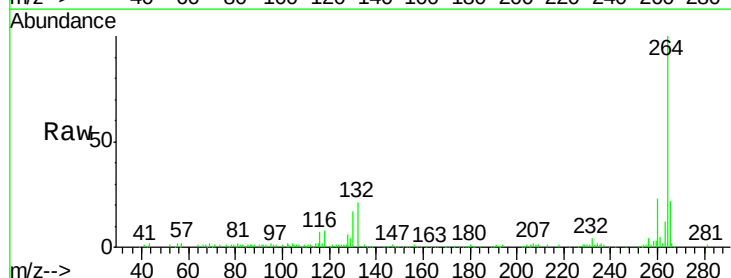
Tgt Ion:264 Resp: 118070

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

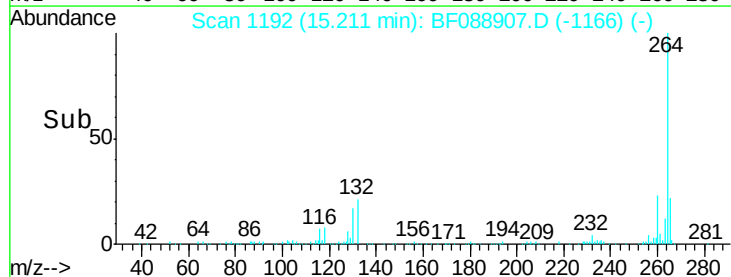
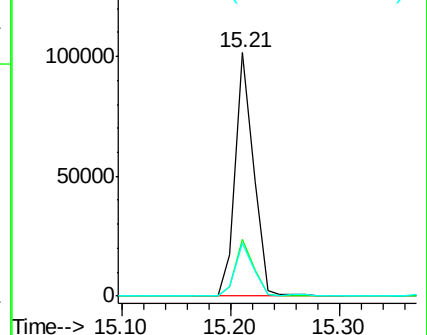
265 21.8 16.9 25.3

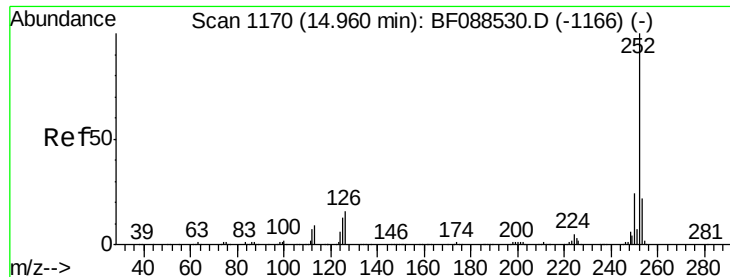


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

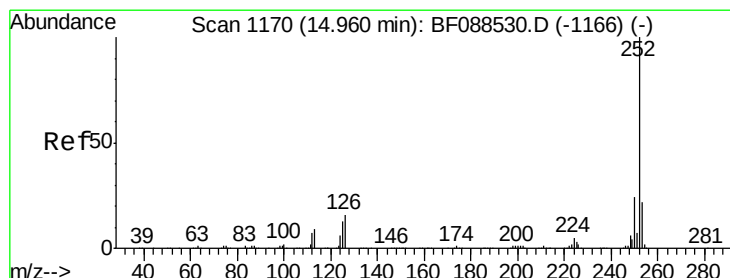
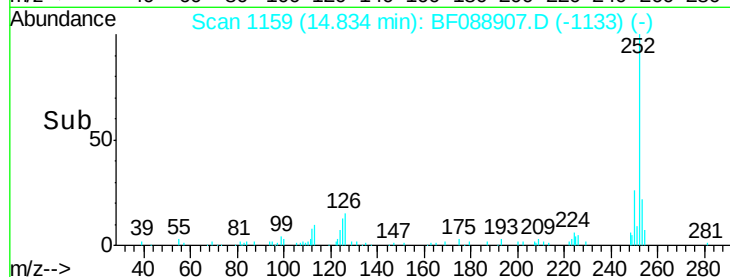
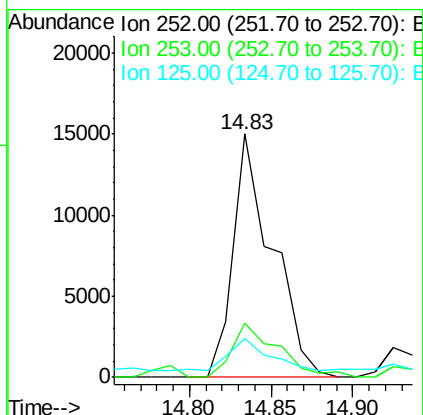
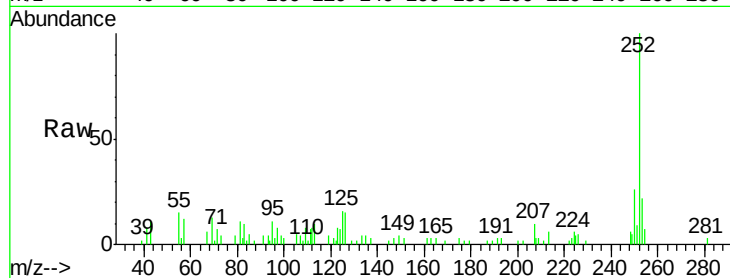




#87
Benzo(b)fluoranthene
Concen: 3.36 ng
RT: 14.83 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF088907.D
Acq: 11 Jul 2016 18:56

Instrument :
BNA_F
ClientSampleId :
Q6-B2-0-11-C

Tgt Ion:252 Resp: 24889
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 15.8 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 3.86 ng
RT: 14.83 min Scan# 1159
Delta R.T. -0.03 min
Lab File: BF088907.D
Acq: 11 Jul 2016 18:56

Tgt Ion:252 Resp: 24889
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 15.8 11.2 16.8

