

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088551.D
 Acq On : 1 Jul 2016 1:48
 Operator : UM/SJ
 Sample : H3630-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP02W-1224

Quant Time: Jul 01 05:32:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 01 01:58:49 2016
 Response via : Initial Calibration

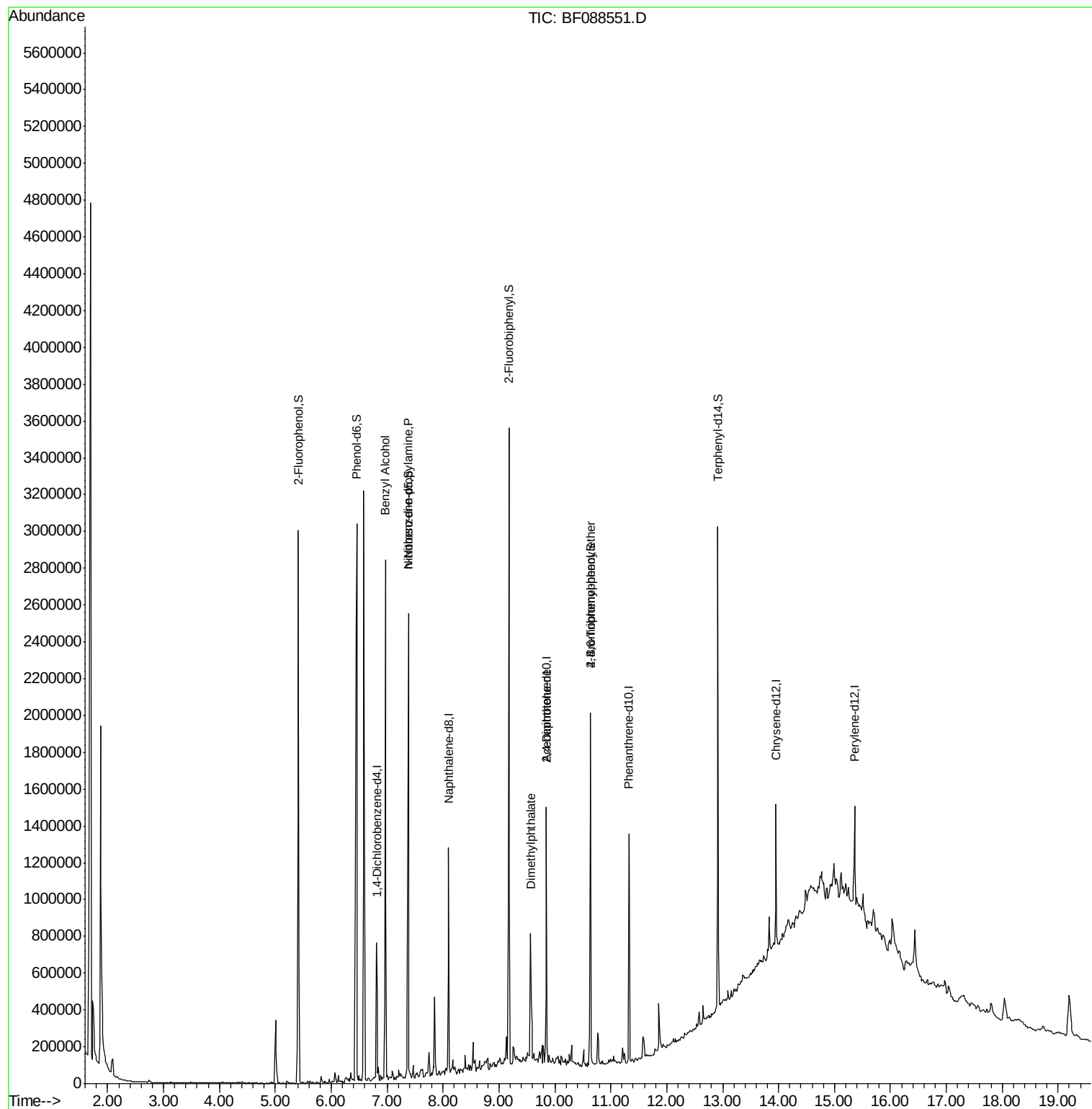
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	132055	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	576344	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	251779	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	404470	20.00	ng	0.00
75) Chrysene-d12	13.95	240	256306	20.00	ng	0.00
86) Perylene-d12	15.36	264	257548	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1015755	115.28	ng	0.01
7) Phenol-d6	6.46	99	1641594	144.19	ng	0.01
23) Nitrobenzene-d5	7.38	82	975358	88.69	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	294165	125.82	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1197383	75.12	ng	0.00
78) Terphenyl-d14	12.91	244	811330	70.51	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.97	79	17660	2.11	ng	# 46
19) n-Nitroso-di-n-propylamine	7.38	70	144125	18.85	ng	# 74
49) Dimethylphthalate	9.56	163	261724	14.59	ng	# 98
56) 2,4-Dinitrotoluene	9.85	165	33596	6.46	ng	# 38
66) 4-Bromophenyl-phenylether	10.64	248	20354	4.99	ng	# 1

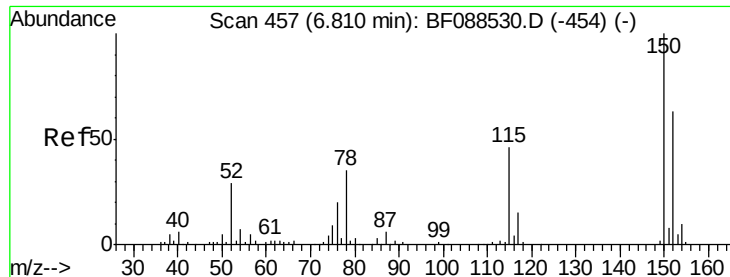
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF088551.D

Acq: 1 Jul 2016 1:48

Instrument :

BNA_F

ClientSampleId :

B1409-TP02W-1224

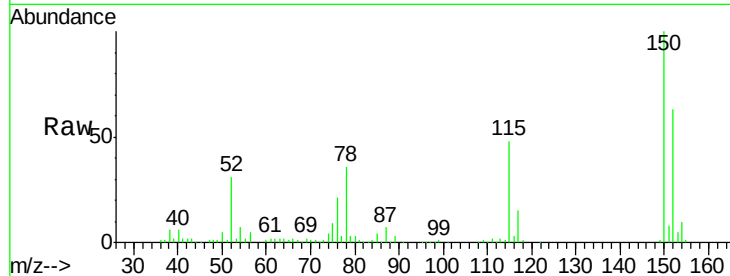
Tgt Ion:152 Resp: 132055

Ion Ratio Lower Upper

152 100

150 159.2 123.8 185.6

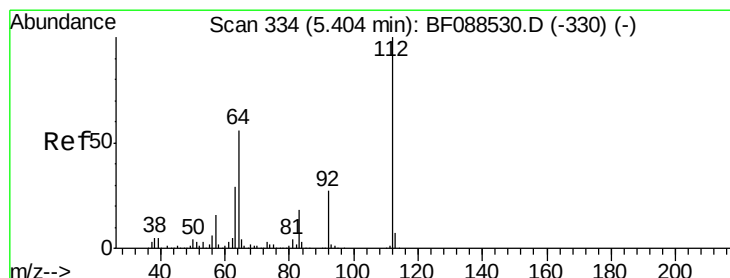
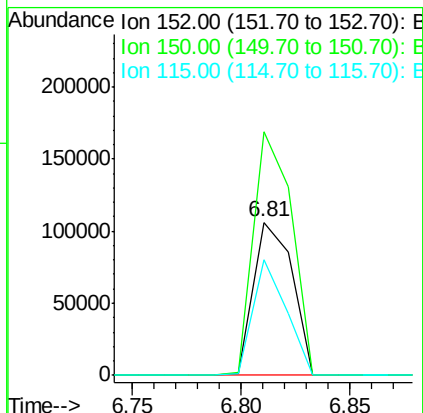
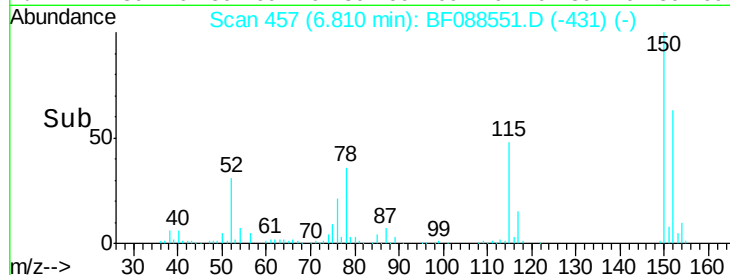
115 75.6 39.6 59.4#



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: 115.28 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.01 min

Lab File: BF088551.D

Acq: 1 Jul 2016 1:48

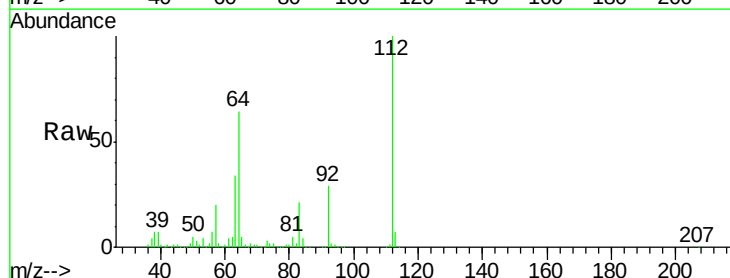
Tgt Ion:112 Resp: 1015755

Ion Ratio Lower Upper

112 100

64 64.3 42.2 63.2#

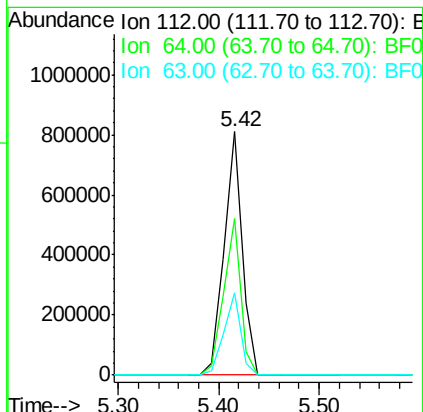
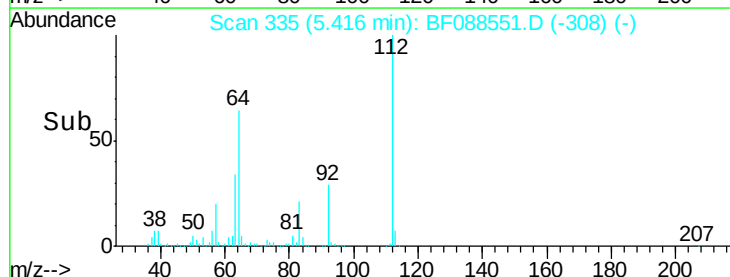
63 33.8 21.8 32.8#

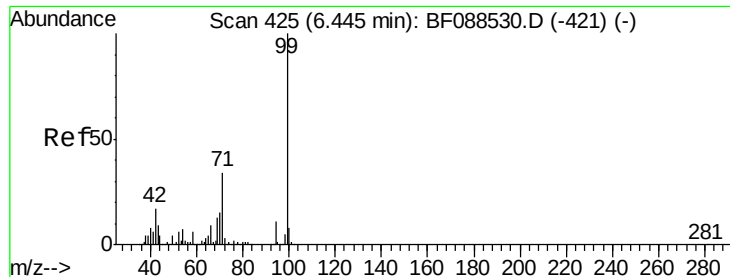


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 144.19 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: BF088551.D

Acq: 1 Jul 2016 1:48

Instrument :

BNA_F

ClientSampleId :

B1409-TP02W-1224

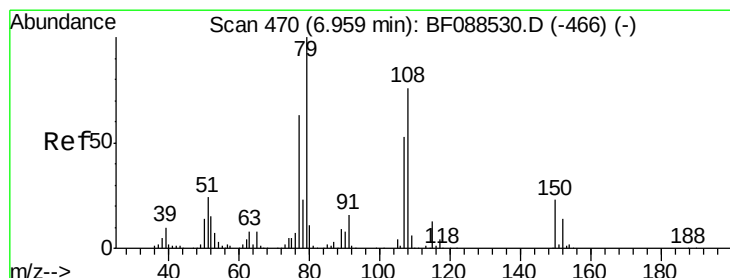
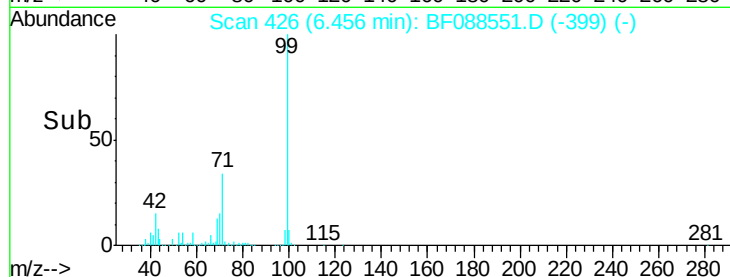
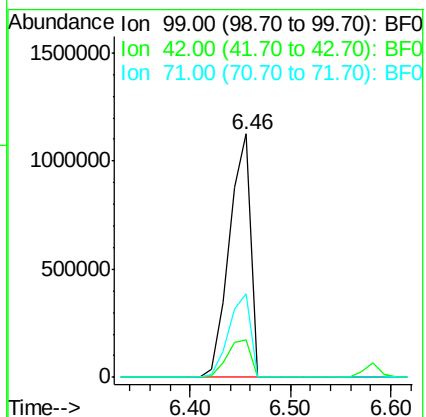
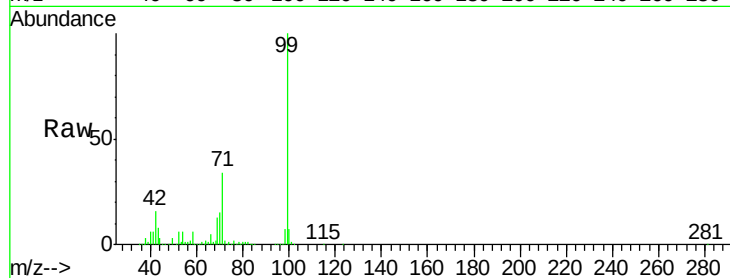
Tgt Ion: 99 Resp: 1641594

Ion Ratio Lower Upper

99 100

42 15.5 12.2 18.2

71 34.1 23.4 35.0



#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.01 min

Lab File: BF088551.D

Acq: 1 Jul 2016 1:48

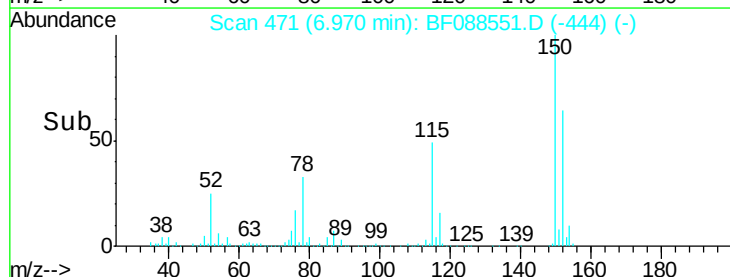
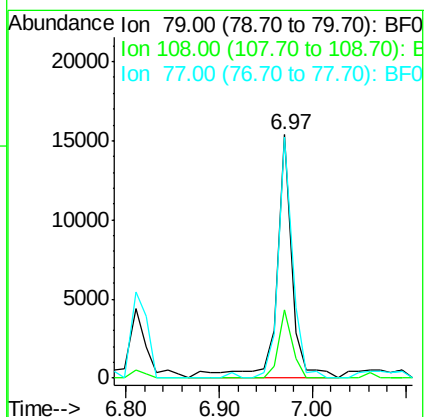
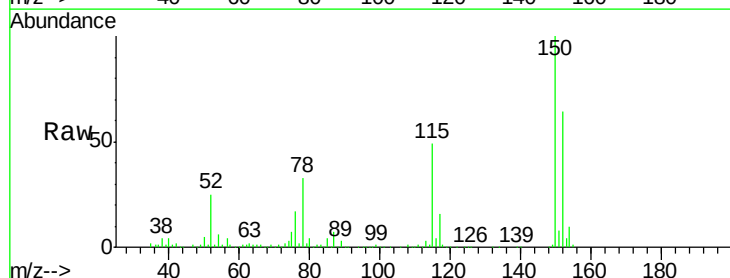
Tgt Ion: 79 Resp: 17660

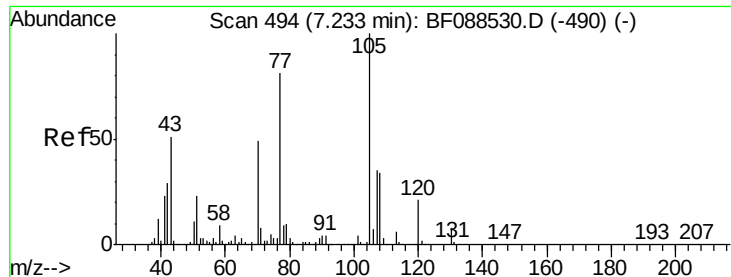
Ion Ratio Lower Upper

79 100

108 28.2 65.0 97.6#

77 98.9 50.3 75.5#

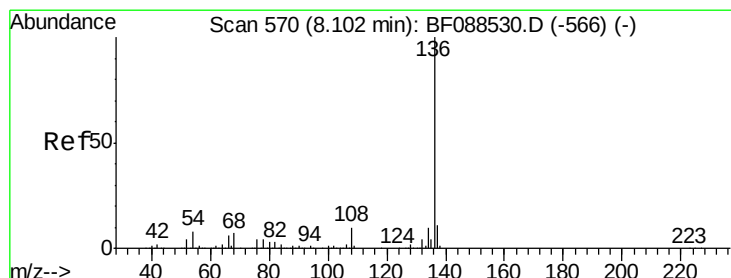
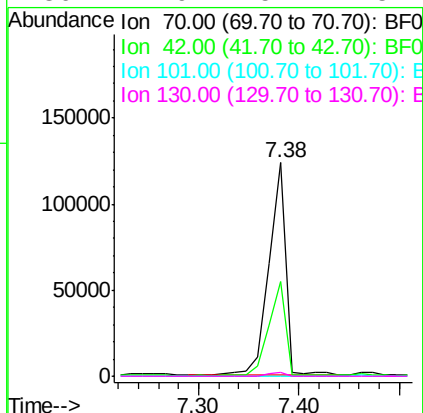
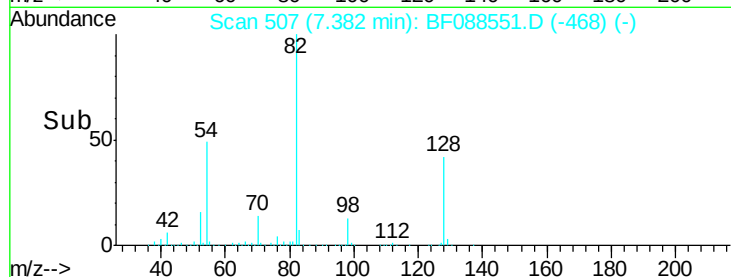
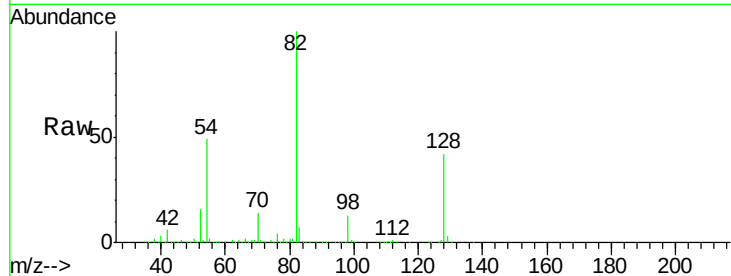




#19
n-Nitroso-di-n-propylamine
Concen: 18.85 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.15 min
Lab File: BF088551.D
Acq: 1 Jul 2016 1:48

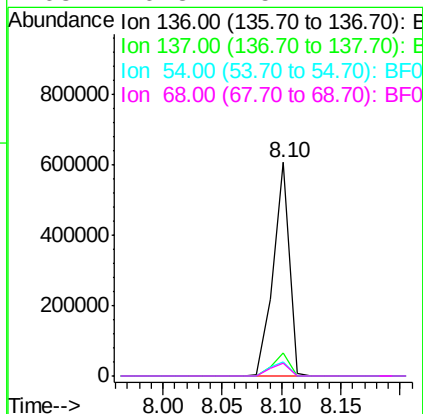
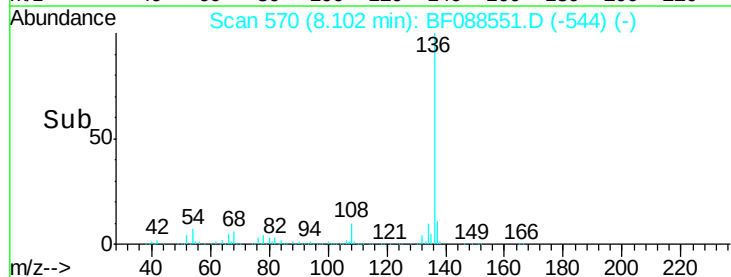
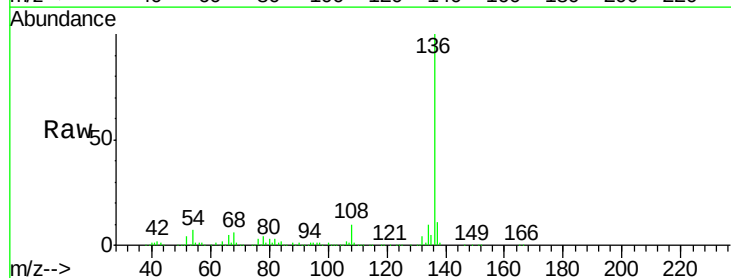
Instrument :
BNA_F
ClientSampleId :
B1409-TP02W-1224

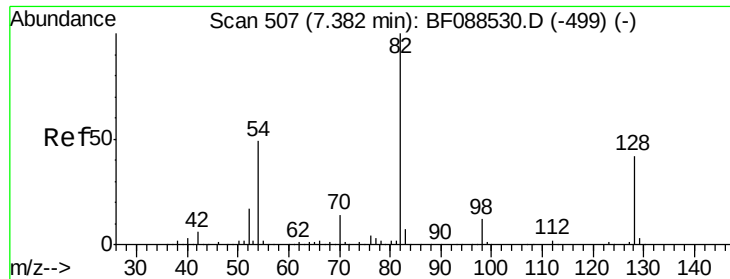
Tgt Ion: 70 Resp: 144125
Ion Ratio Lower Upper
70 100
42 44.6 49.6 74.4#
101 0.0 7.1 10.7#
130 1.9 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF088551.D
Acq: 1 Jul 2016 1:48

Tgt Ion: 136 Resp: 576344
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 6.9 6.6 10.0
68 6.3 5.1 7.7

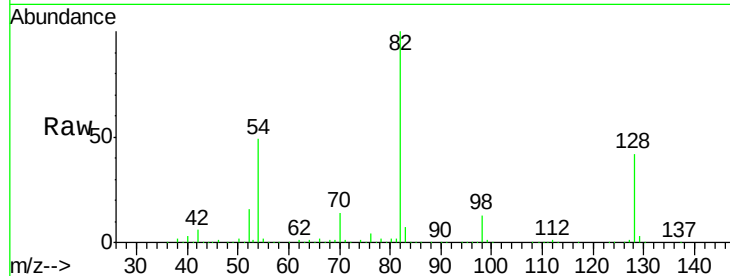




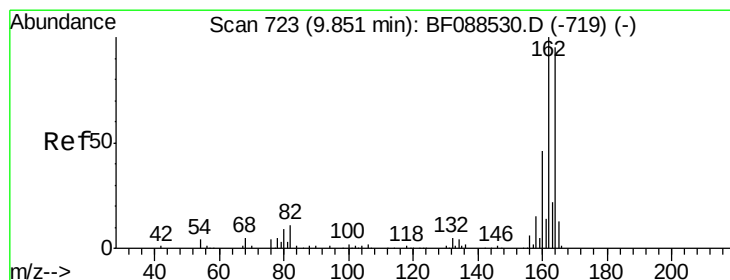
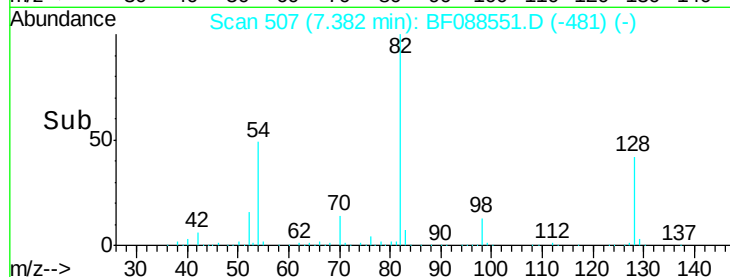
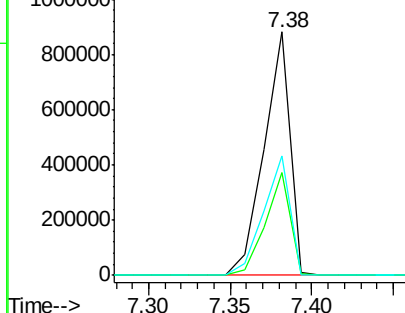
#23
 Nitrobenzene-d5
 Concen: 88.69 ng
 RT: 7.38 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF088551.D
 Acq: 1 Jul 2016 1:48

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP02W-1224

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.1	35.9	53.9
54	49.3	40.9	61.3

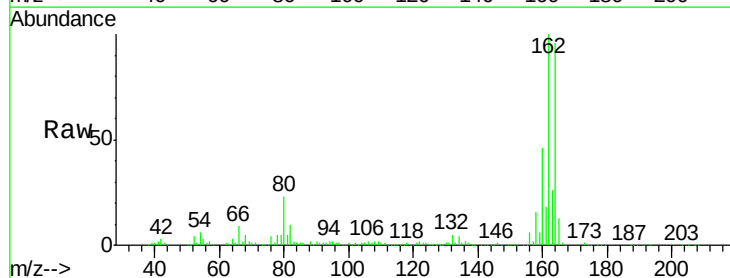


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

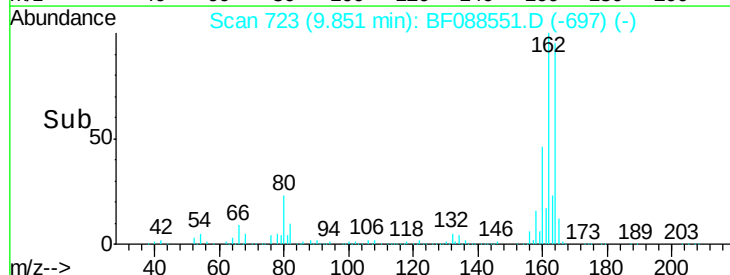
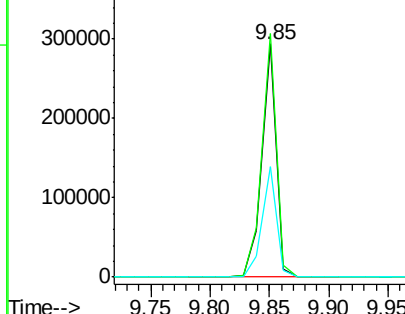


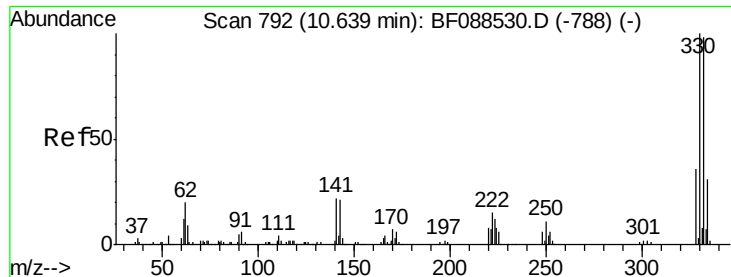
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BF088551.D
 Acq: 1 Jul 2016 1:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.4	128.2
160	47.5	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

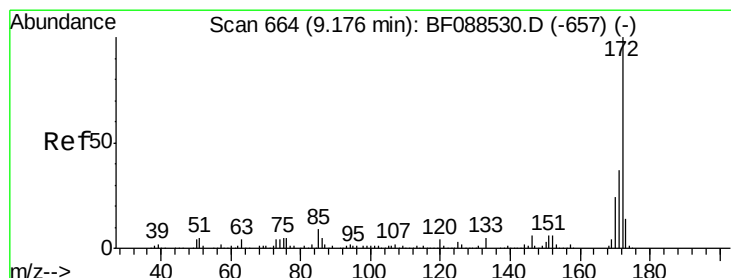
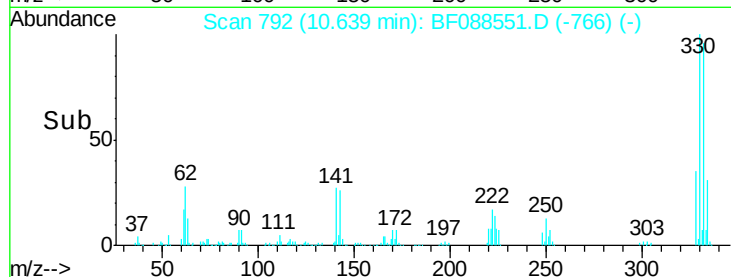
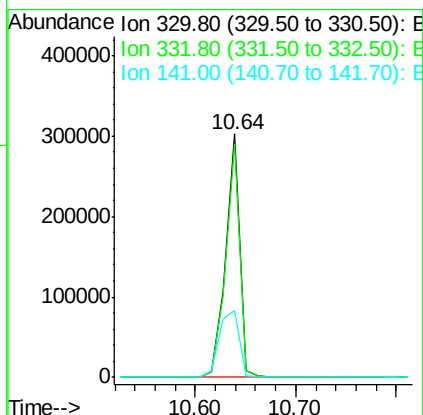
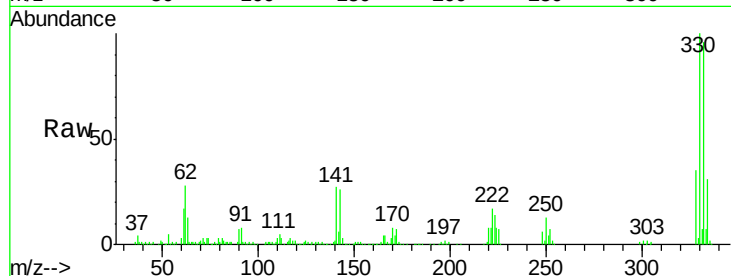




#41
 2,4,6-Tribromophenol
 Concen: 125.82 ng
 RT: 10.64 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF088551.D
 Acq: 1 Jul 2016 1:48

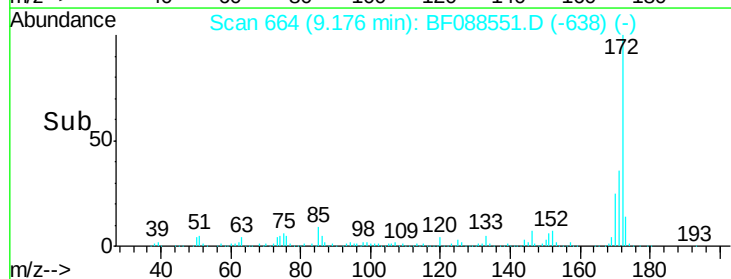
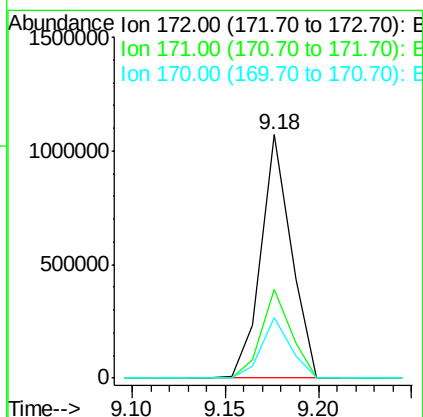
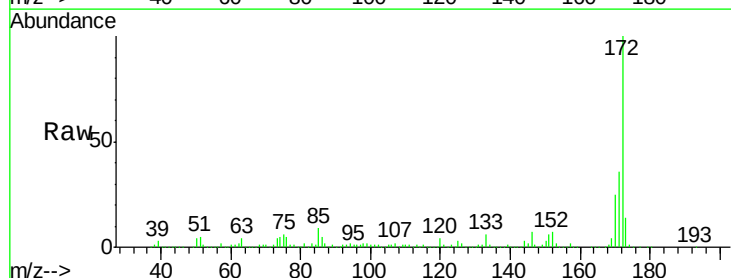
Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP02W-1224

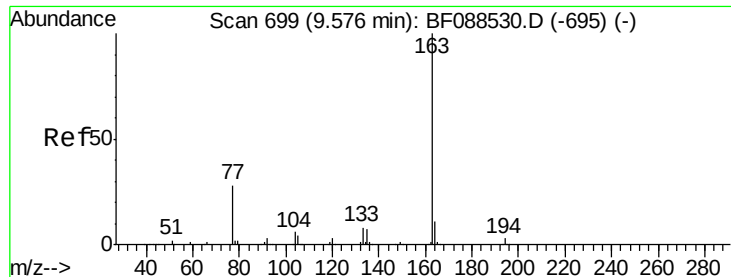
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	39.3	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 75.12 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF088551.D
 Acq: 1 Jul 2016 1:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.7	19.2	28.8

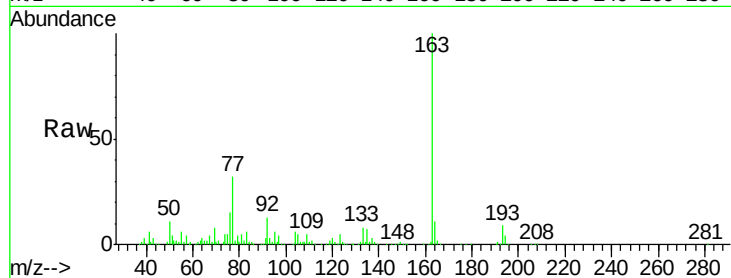




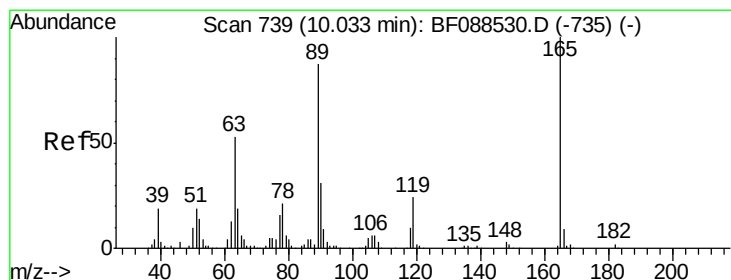
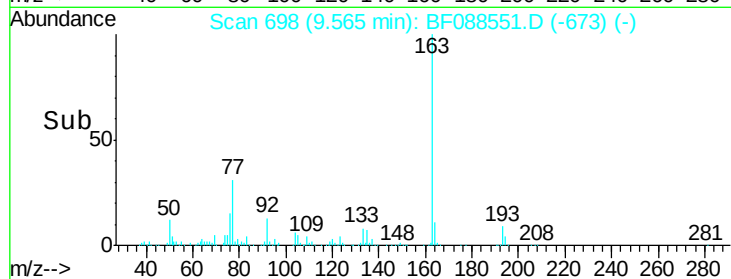
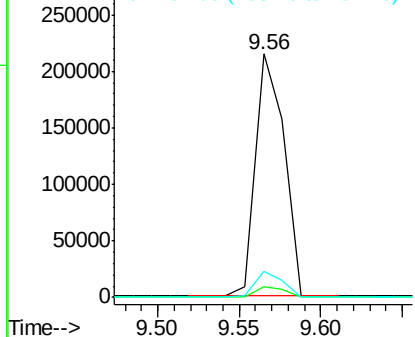
#49
Dimethylphthalate
Concen: 14.59 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088551.D
Acq: 1 Jul 2016 1:48

Instrument :
BNA_F
ClientSampleId :
B1409-TP02W-1224

Tgt Ion:163 Resp: 261724
Ion Ratio Lower Upper
163 100
194 4.2 2.8 4.2#
164 10.9 8.3 12.5

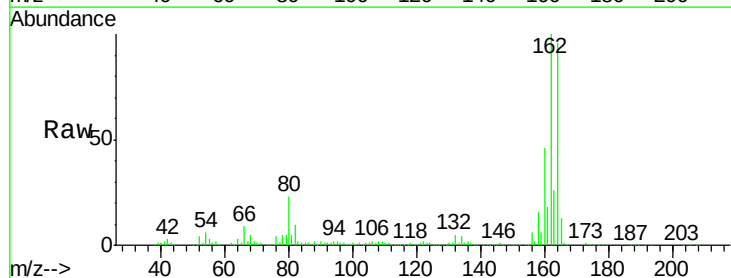


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

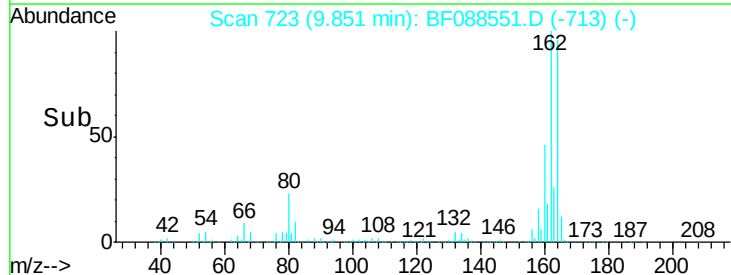
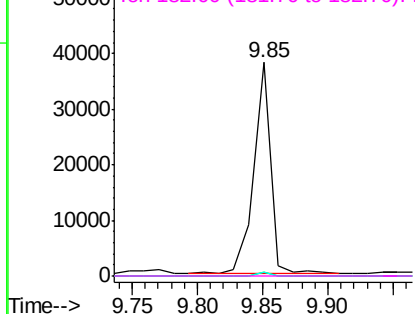


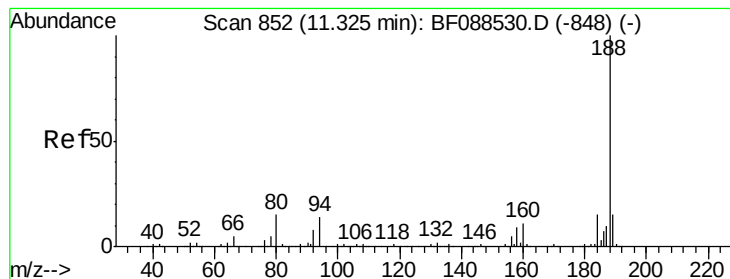
#56
2,4-Dinitrotoluene
Concen: 6.46 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.18 min
Lab File: BF088551.D
Acq: 1 Jul 2016 1:48

Tgt Ion:165 Resp: 33596
Ion Ratio Lower Upper
165 100
63 2.0 22.0 33.0#
89 1.7 41.1 61.7#
182 0.0 2.0 3.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF088551.D

Acq: 1 Jul 2016 1:48

Instrument :

BNA_F

ClientSampleId :

B1409-TP02W-1224

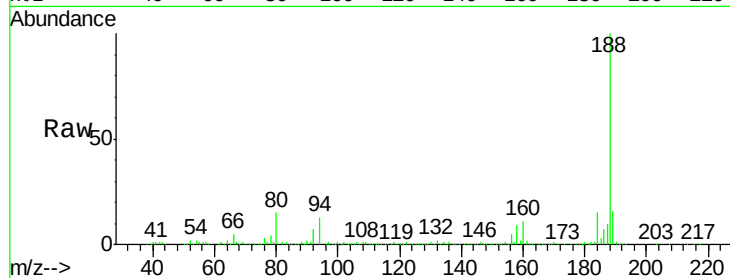
Tgt Ion:188 Resp: 404470

Ion Ratio Lower Upper

188 100

94 12.7 9.0 13.6

80 14.5 10.0 15.0

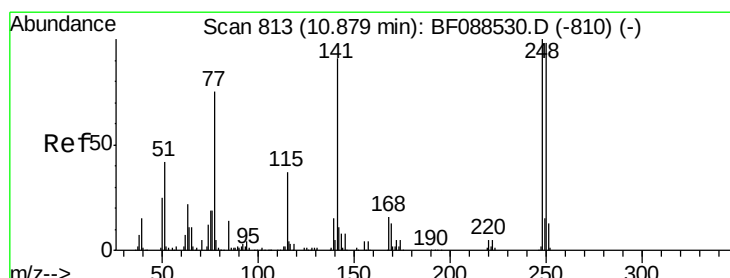
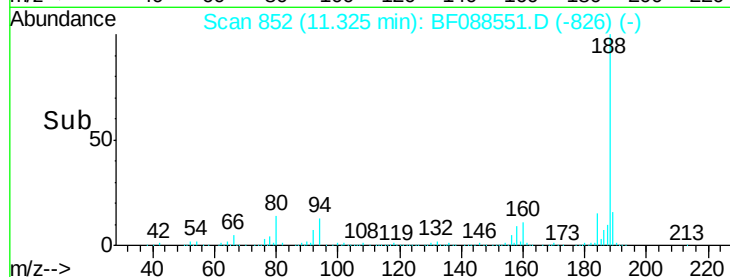


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time--> 11.25 11.30 11.35



#66

4-Bromophenyl-phenylether

Concen: 4.99 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.24 min

Lab File: BF088551.D

Acq: 1 Jul 2016 1:48

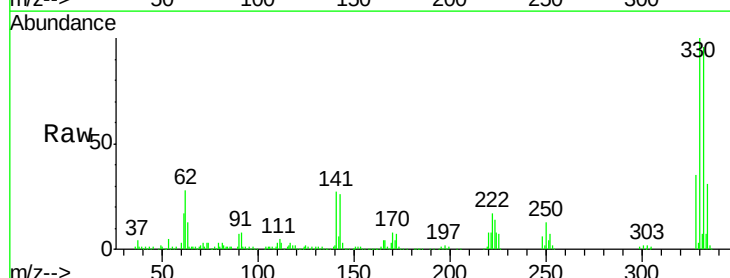
Tgt Ion:248 Resp: 20354

Ion Ratio Lower Upper

248 100

250 202.0 77.1 115.7#

141 428.7 50.6 76.0#

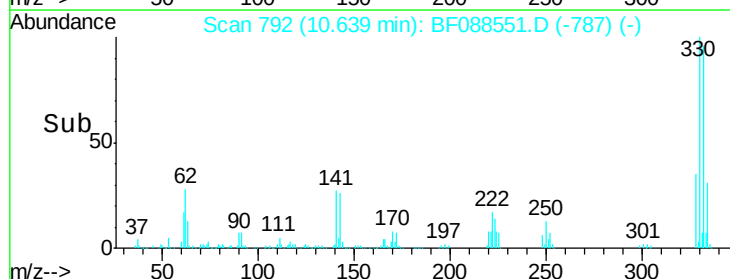


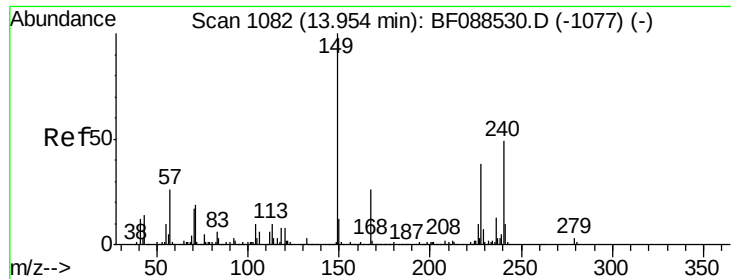
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time--> 10.60 10.65

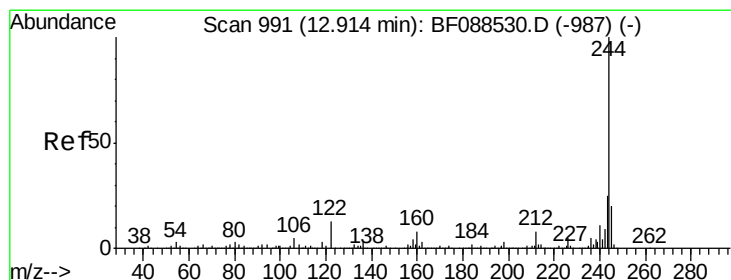
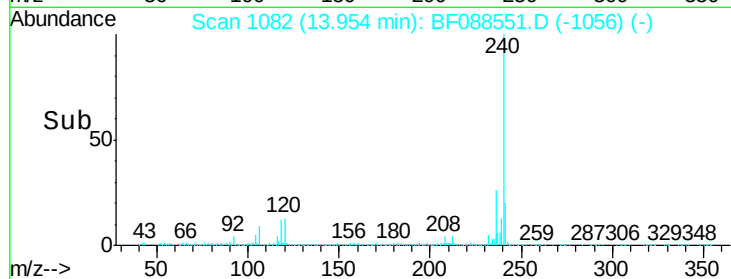
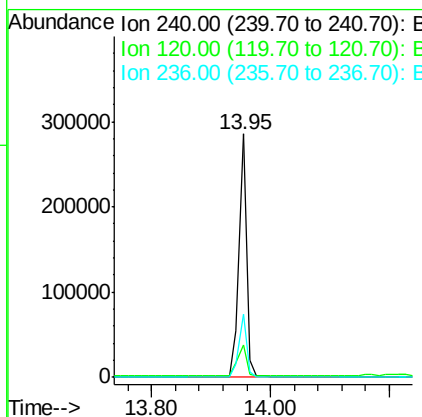
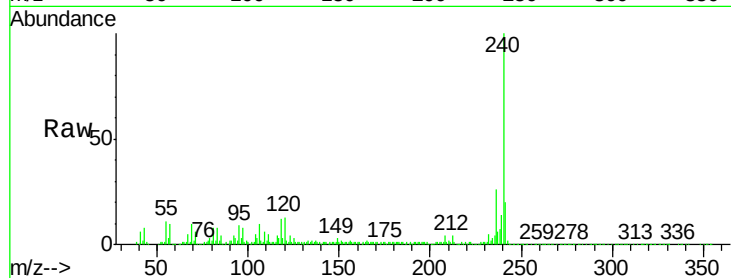




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. 0.00 min
Lab File: BF088551.D
Acq: 1 Jul 2016 1:48

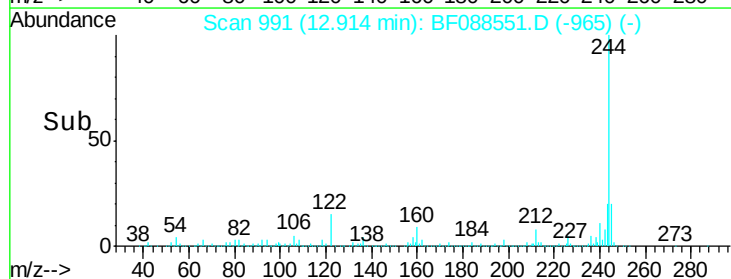
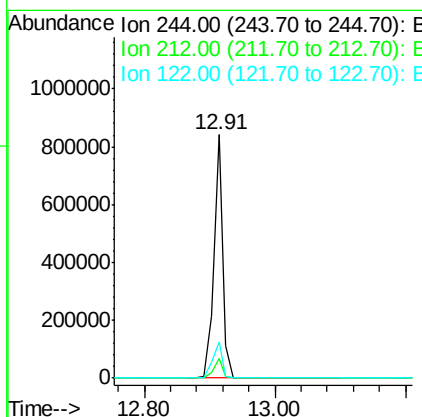
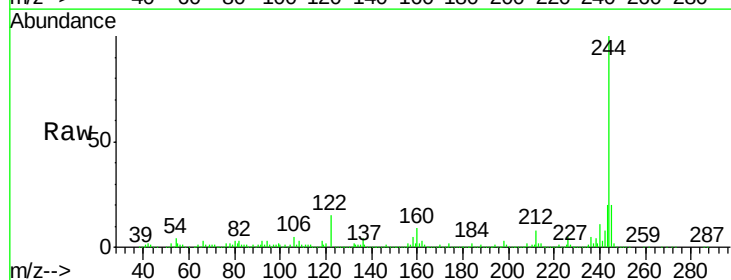
Instrument :
BNA_F
ClientSampleId :
B1409-TP02W-1224

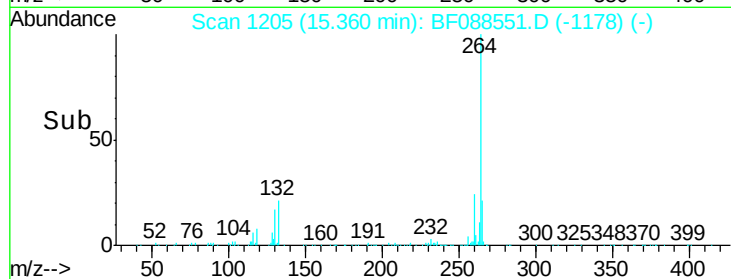
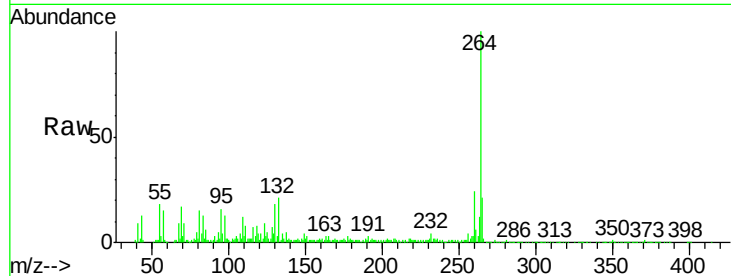
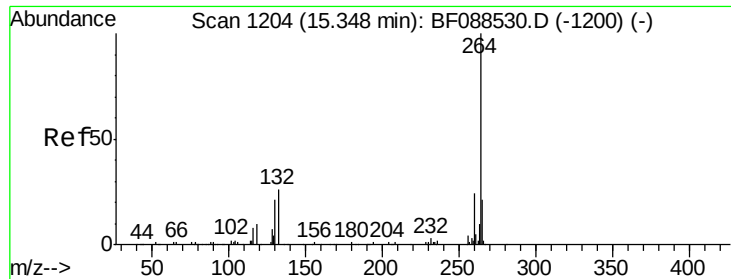
Tgt Ion:240 Resp: 256306
Ion Ratio Lower Upper
240 100
120 13.5 6.8 10.2#
236 26.1 20.2 30.2



#78
Terphenyl-d14
Concen: 70.51 ng
RT: 12.91 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF088551.D
Acq: 1 Jul 2016 1:48

Tgt Ion:244 Resp: 811330
Ion Ratio Lower Upper
244 100
212 8.1 6.0 9.0
122 14.8 11.2 16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF088551.D
Acq: 1 Jul 2016 1:48

Instrument :
BNA_F
ClientSampleId :
B1409-TP02W-1224

Tgt Ion: 264 Resp: 257548
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.3 16.9 25.3

