

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
 Data File : BF088976.D
 Acq On : 14 Jul 2016 00:05
 Operator : UM/SJ
 Sample : H3946-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P7-B6(0-7)C

Quant Time: Jul 14 01:17:06 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

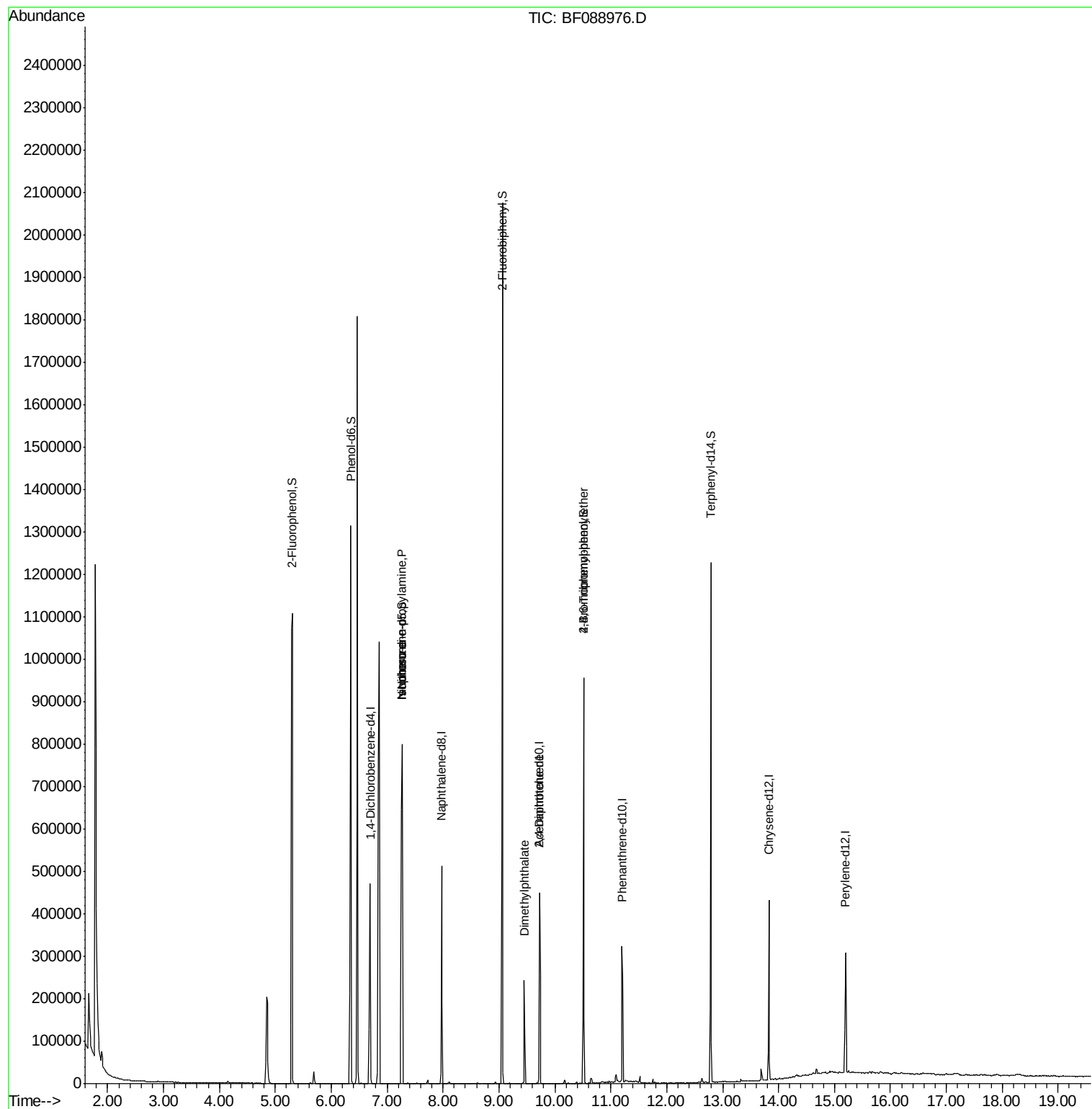
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	70610	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	248781	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	101835	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	156463	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	126916	20.00	ng	-0.02
86) Perylene-d12	15.20	264	113010	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	474122	100.63	ng	0.01
7) Phenol-d6	6.35	99	647732	106.40	ng	0.00
23) Nitrobenzene-d5	7.27	82	383824	80.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	99211	104.91	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	600020	93.07	ng	-0.01
78) Terphenyl-d14	12.79	244	321809	56.48	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	50671	12.39	ng	# 67
25) Isophorone	7.27	82	354162	40.27	ng	# 65
49) Dimethylphthalate	9.45	163	107806	14.86	ng	# 99
56) 2,4-Dinitrotoluene	9.72	165	12986	6.18	ng	# 36
66) 4-Bromophenyl-phenylether	10.51	248	6868	4.36	ng	# 1

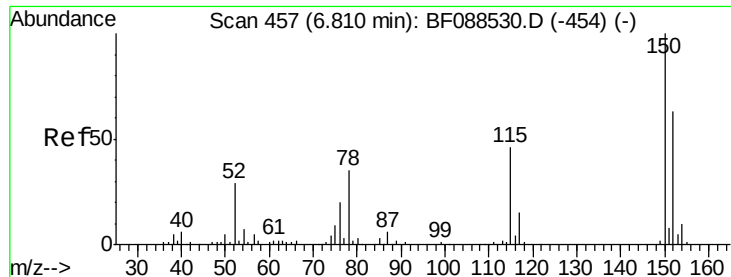
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF088976.D

Acq: 14 Jul 2016 00:05

Instrument :

BNA_F

ClientSampleId :

P7-B6(0-7)C

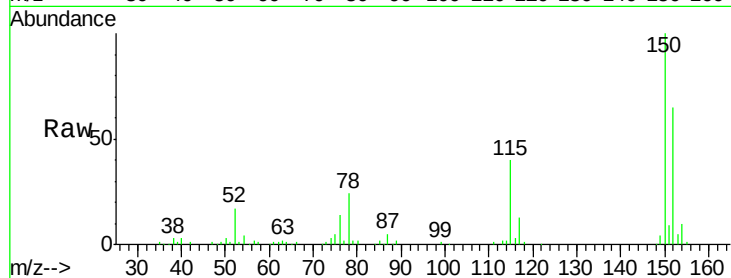
Tgt Ion:152 Resp: 70610

Ion Ratio Lower Upper

152 100

150 153.8 123.8 185.6

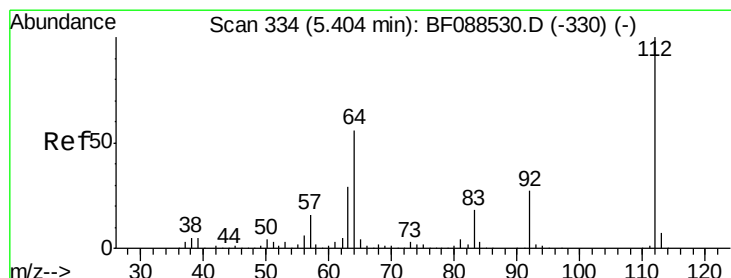
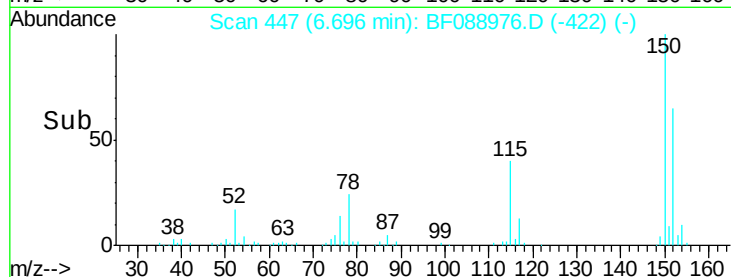
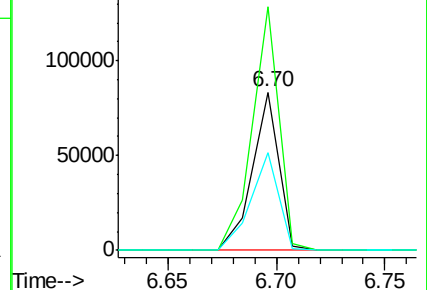
115 61.9 39.6 59.4#



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: 100.63 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF088976.D

Acq: 14 Jul 2016 00:05

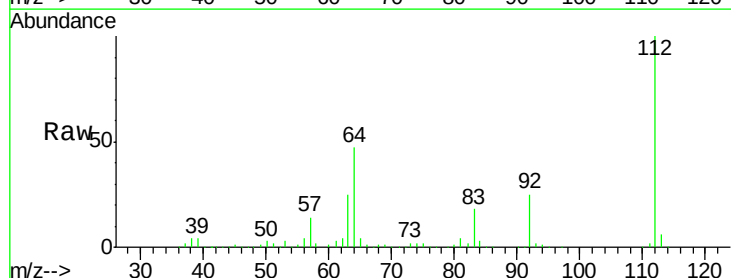
Tgt Ion:112 Resp: 474122

Ion Ratio Lower Upper

112 100

64 46.6 42.2 63.2

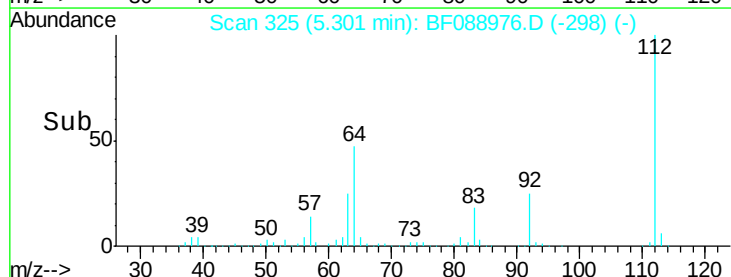
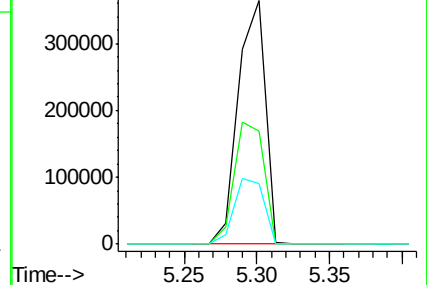
63 24.9 21.8 32.8

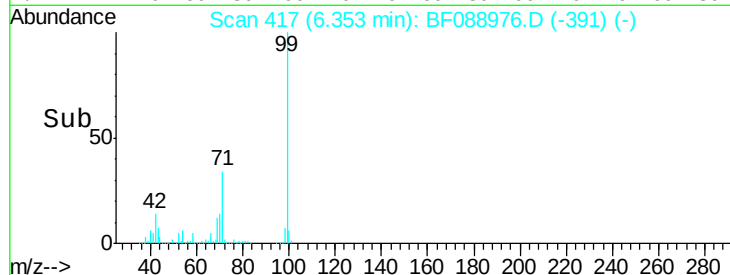
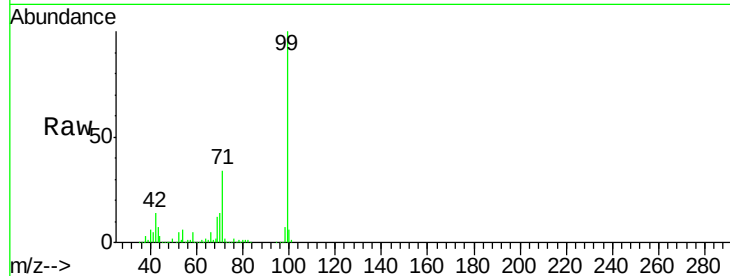
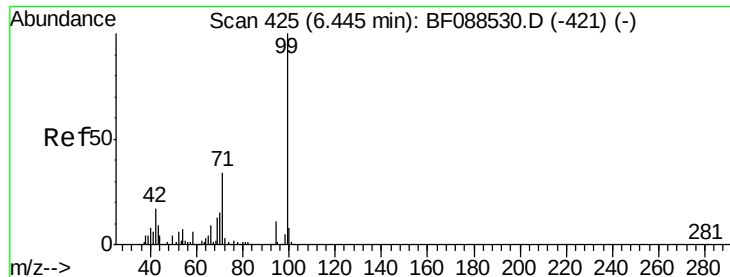


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.40 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088976.D

Acq: 14 Jul 2016 00:05

Instrument :

BNA_F

ClientSampleId :

P7-B6(0-7)C

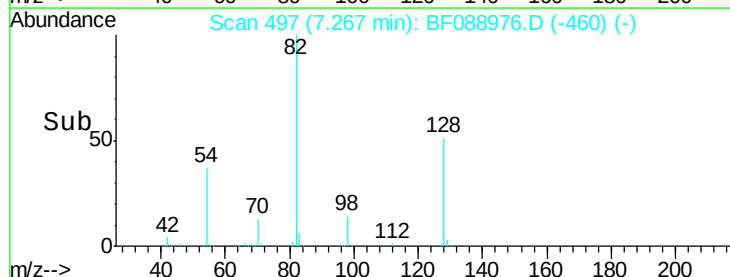
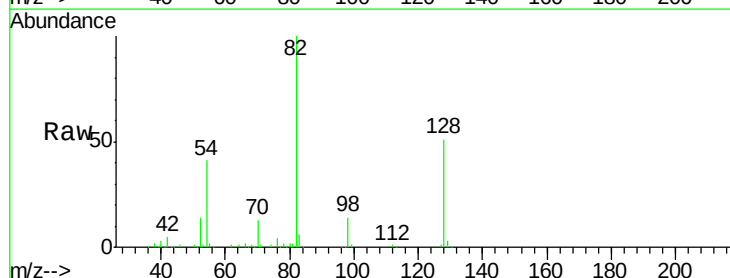
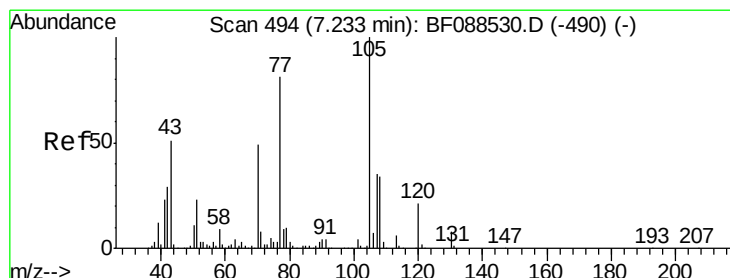
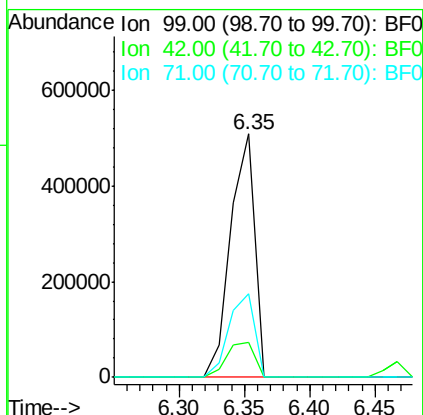
Tgt Ion: 99 Resp: 647732

Ion Ratio Lower Upper

99 100

42 14.2 12.2 18.2

71 34.1 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.39 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.13 min

Lab File: BF088976.D

Acq: 14 Jul 2016 00:05

Tgt Ion: 70 Resp: 50671

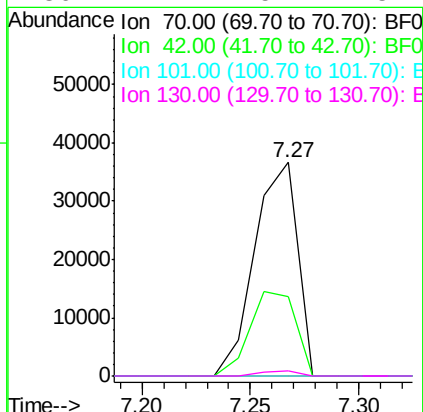
Ion Ratio Lower Upper

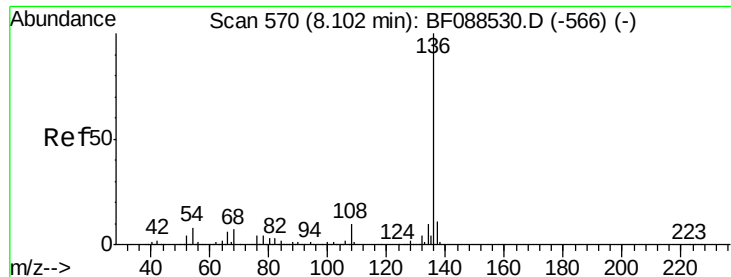
70 100

42 37.0 49.6 74.4#

101 0.0 7.1 10.7#

130 2.4 15.4 23.2#

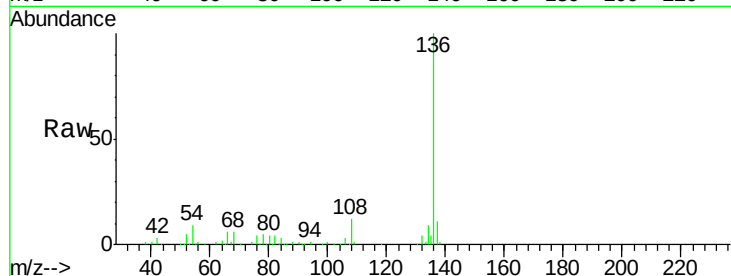




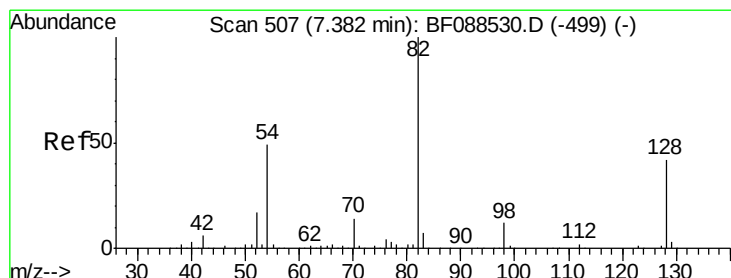
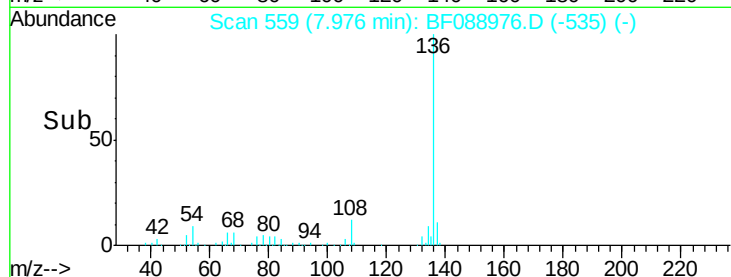
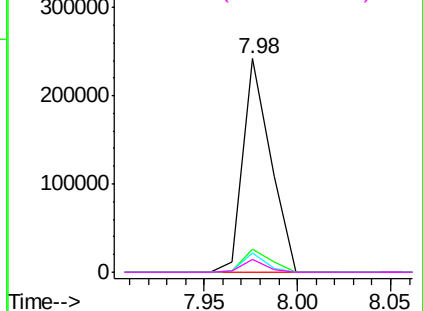
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF088976.D
Acq: 14 Jul 2016 00:05

Instrument :
BNA_F
ClientSampleId :
P7-B6(0-7)C

Tgt Ion:	136	Resp:	248781
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.0	6.6	10.0
68	6.3	5.1	7.7

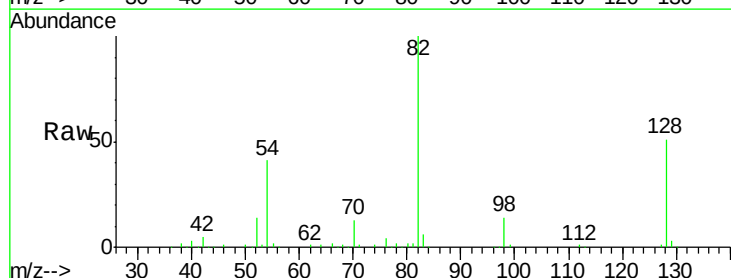


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

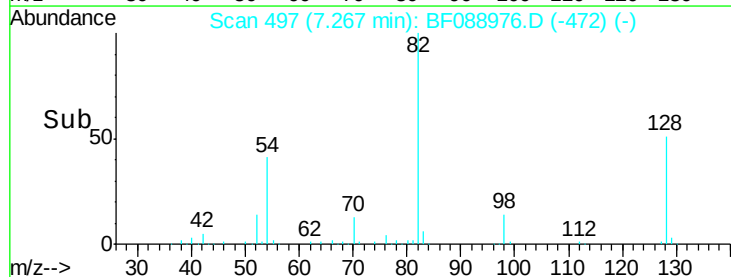
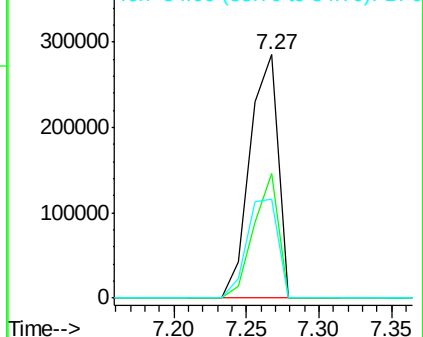


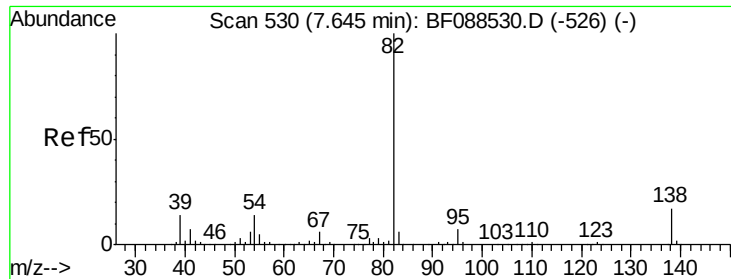
#23
Nitrobenzene-d5
Concen: 80.85 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF088976.D
Acq: 14 Jul 2016 00:05

Tgt Ion:	82	Resp:	383824
Ion	Ratio	Lower	Upper
82	100		
128	51.2	35.9	53.9
54	40.6	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





#25

Isophorone

Concen: 40.27 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.27 min

Lab File: BF088976.D

Acq: 14 Jul 2016 00:05

Instrument :

BNA_F

ClientSampleId :

P7-B6(0-7)C

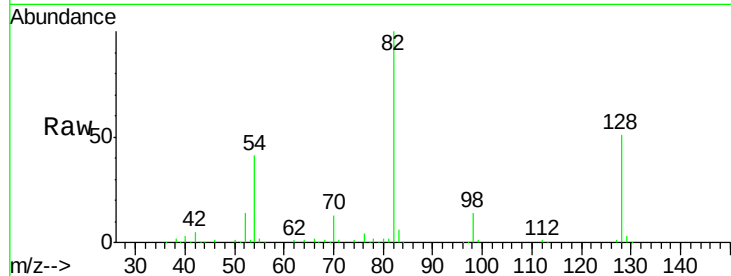
Tgt Ion: 82 Resp: 354162

Ion Ratio Lower Upper

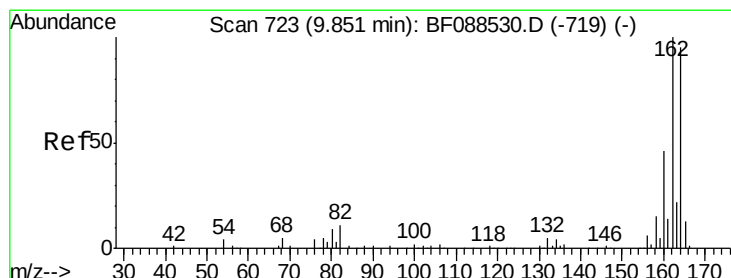
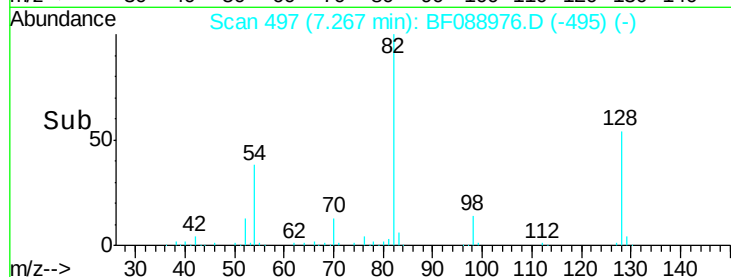
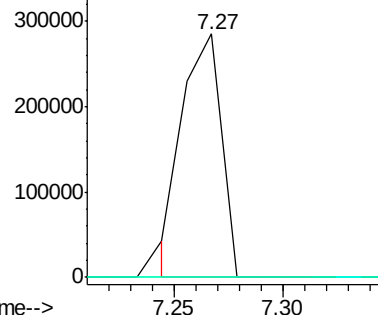
82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF088976.D

Acq: 14 Jul 2016 00:05

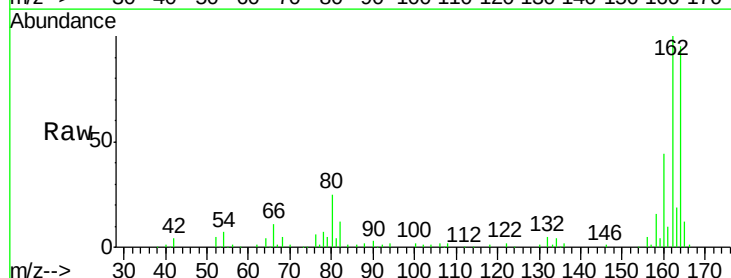
Tgt Ion: 164 Resp: 101835

Ion Ratio Lower Upper

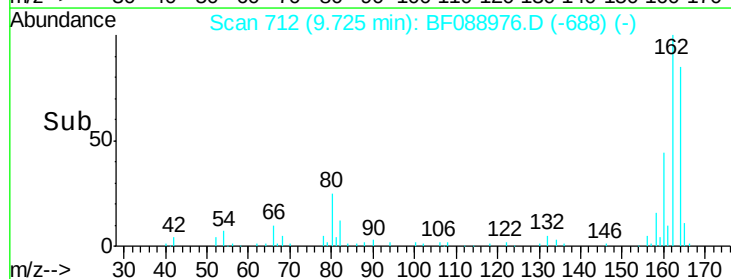
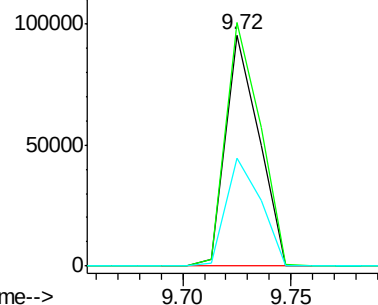
164 100

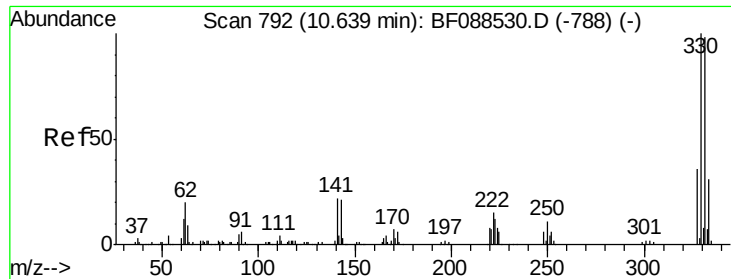
162 105.2 85.4 128.2

160 46.7 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

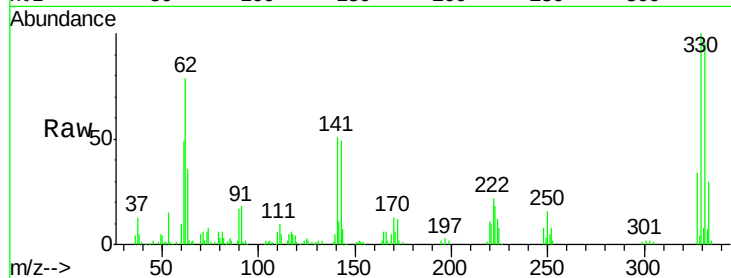




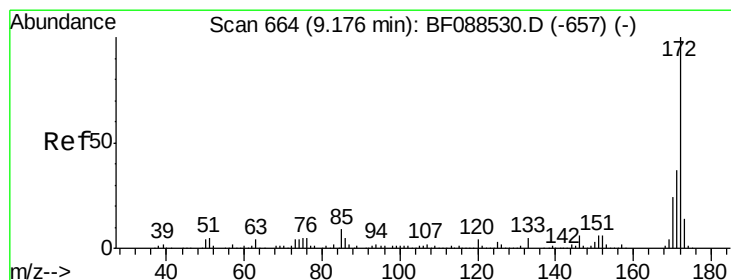
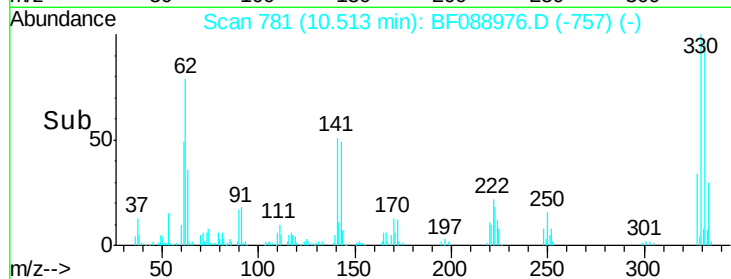
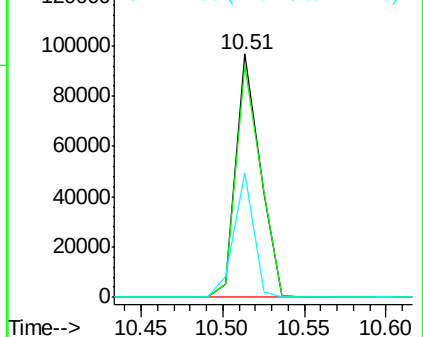
#41
 2,4,6-Tribromophenol
 Concen: 104.91 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF088976.D
 Acq: 14 Jul 2016 00:05

Instrument :
 BNA_F
 ClientSampleId :
 P7-B6(0-7)C

Tgt Ion:330 Resp: 99211
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 41.8 0.0 0.0#

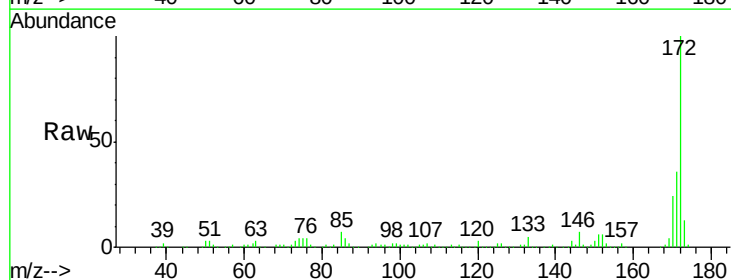


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

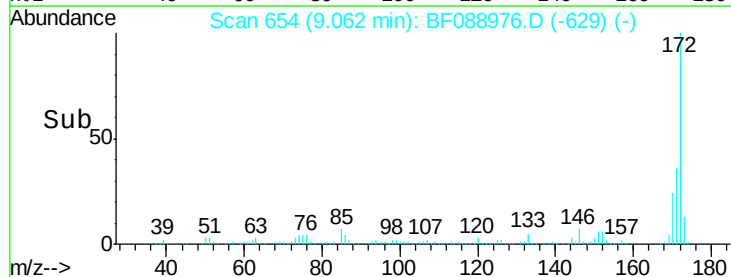
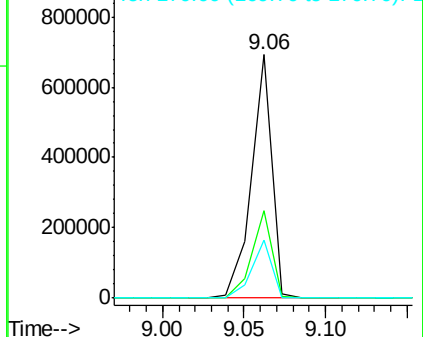


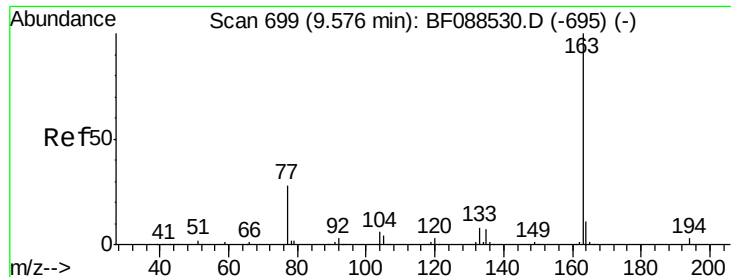
#44
 2-Fluorobiphenyl
 Concen: 93.07 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088976.D
 Acq: 14 Jul 2016 00:05

Tgt Ion:172 Resp: 600020
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 23.8 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

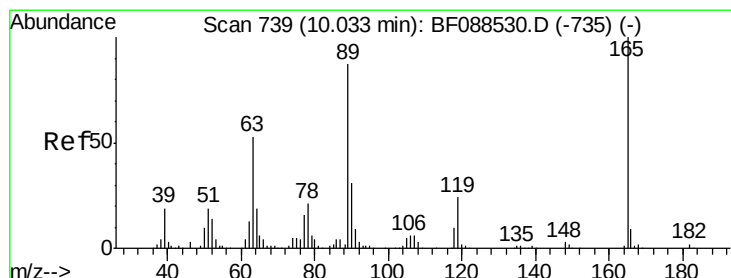
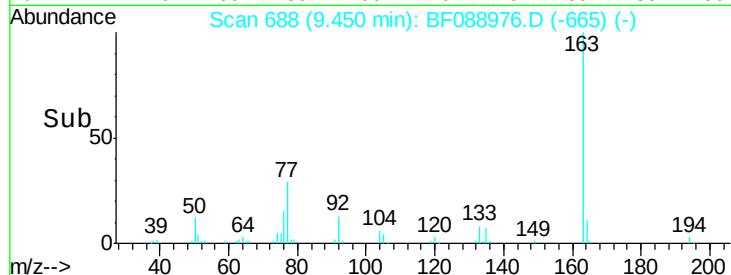
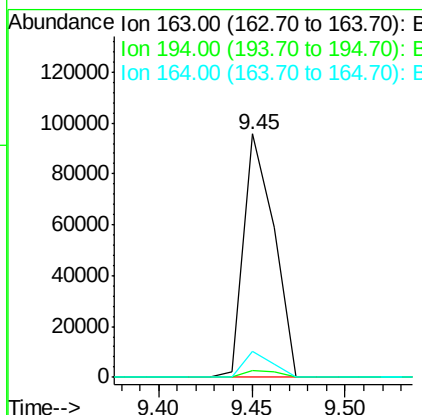
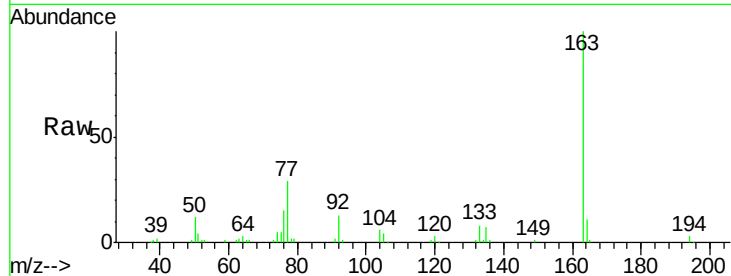




#49
Dimethylphthalate
Concen: 14.86 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF088976.D
Acq: 14 Jul 2016 00:05

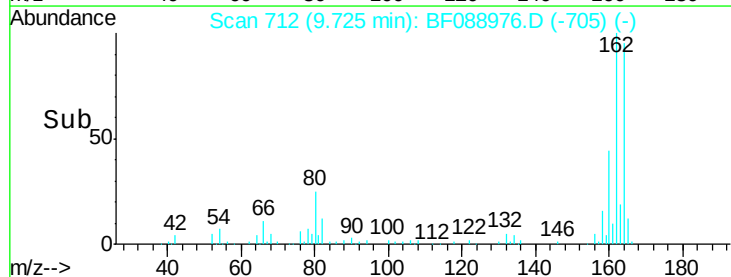
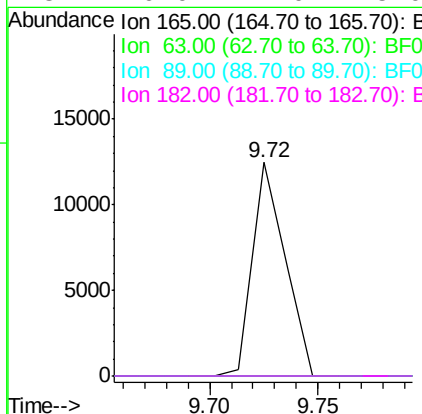
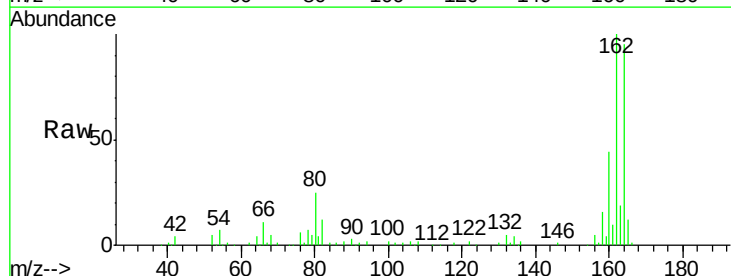
Instrument :
BNA_F
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P7-B6(0-7)C

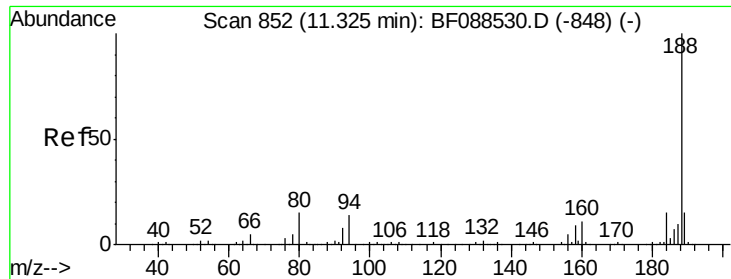
Tgt Ion:163 Resp: 107806
Ion Ratio Lower Upper
163 100
194 2.8 2.8 4.2#
164 10.8 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.18 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.22 min
Lab File: BF088976.D
Acq: 14 Jul 2016 00:05

Tgt Ion:165 Resp: 12986
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#

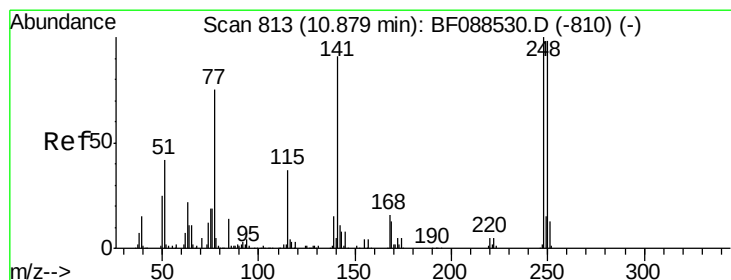
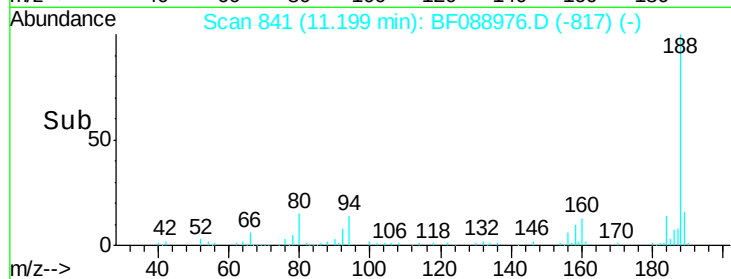
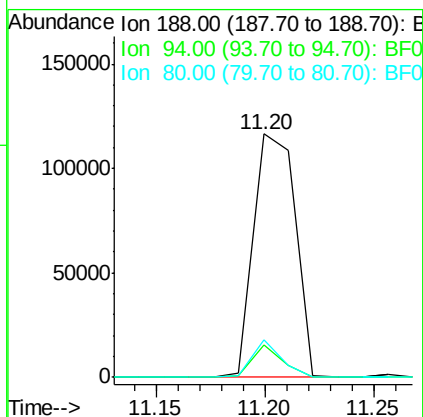
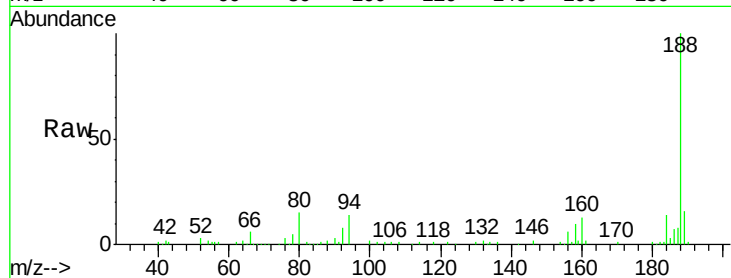




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BF088976.D
 Acq: 14 Jul 2016 00:05

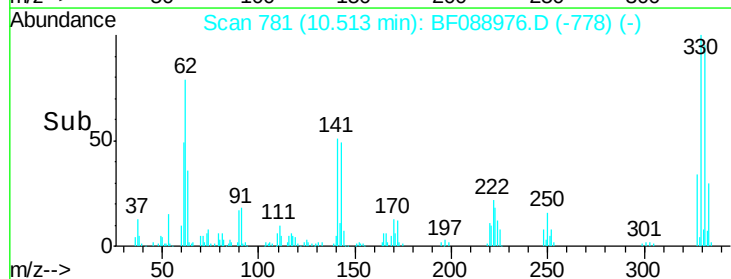
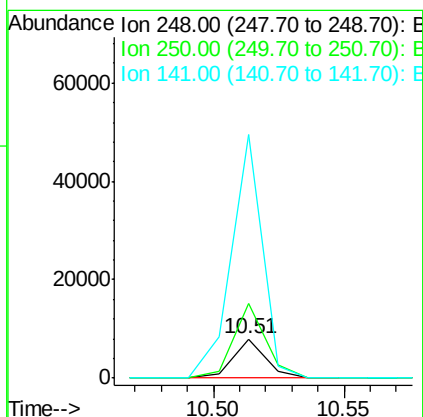
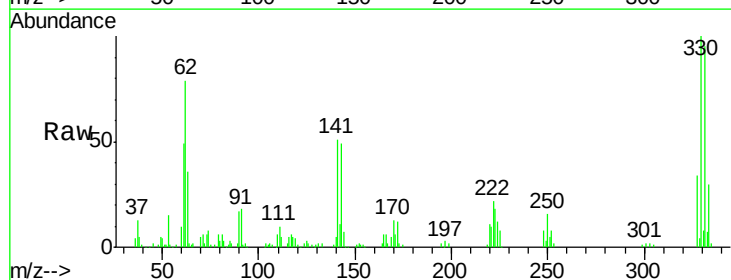
Instrument :
 BNA_F
 ClientSampleId :
 P7-B6(0-7)C

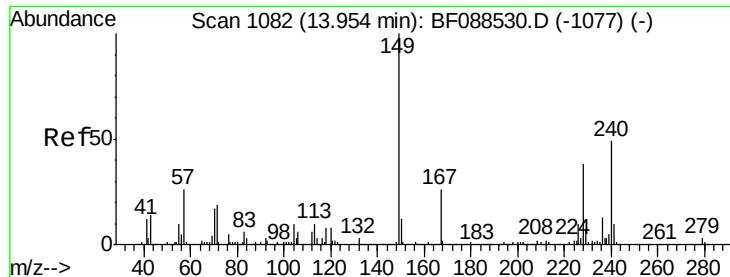
Tgt Ion:188 Resp: 156463
 Ion Ratio Lower Upper
 188 100
 94 13.6 9.0 13.6
 80 15.2 10.0 15.0#



#66
 4-Bromophenyl-phenylether
 Concen: 4.36 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.26 min
 Lab File: BF088976.D
 Acq: 14 Jul 2016 00:05

Tgt Ion:248 Resp: 6868
 Ion Ratio Lower Upper
 248 100
 250 191.2 77.1 115.7#
 141 622.4 50.6 76.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF088976.D

Acq: 14 Jul 2016 00:05

Instrument :

BNA_F

ClientSampleId :

P7-B6(0-7)C

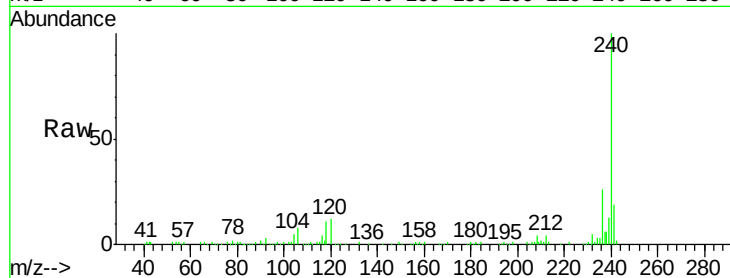
Tgt Ion:240 Resp: 126916

Ion Ratio Lower Upper

240 100

120 12.0 6.8 10.2#

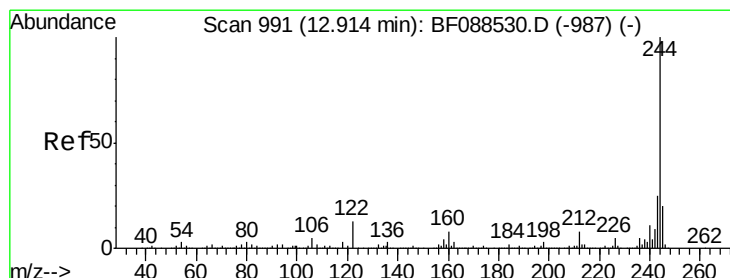
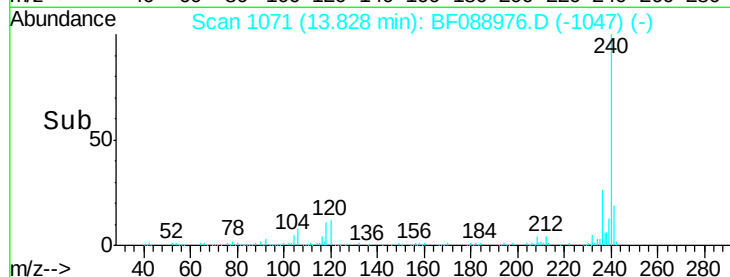
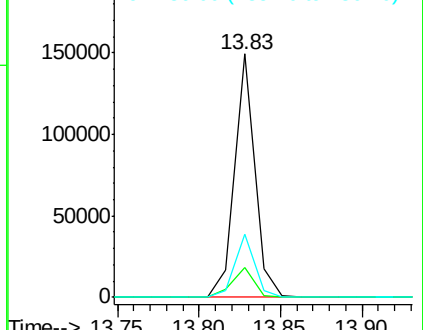
236 25.7 20.2 30.2



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: 56.48 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088976.D

Acq: 14 Jul 2016 00:05

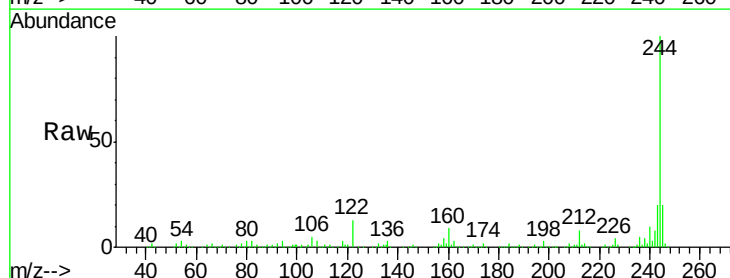
Tgt Ion:244 Resp: 321809

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

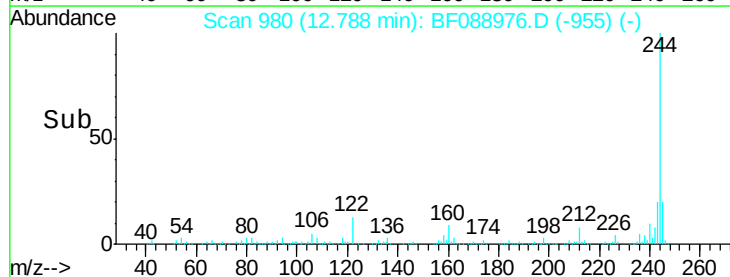
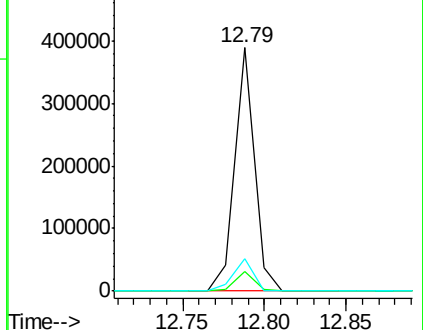
122 13.5 11.2 16.8

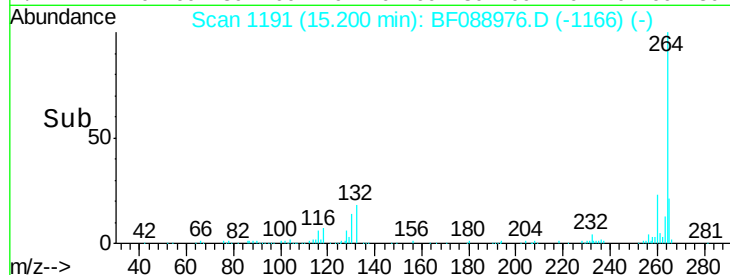
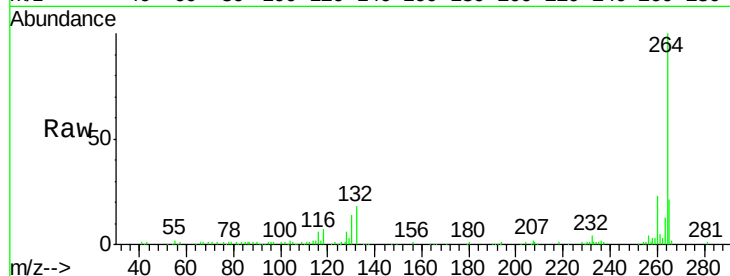
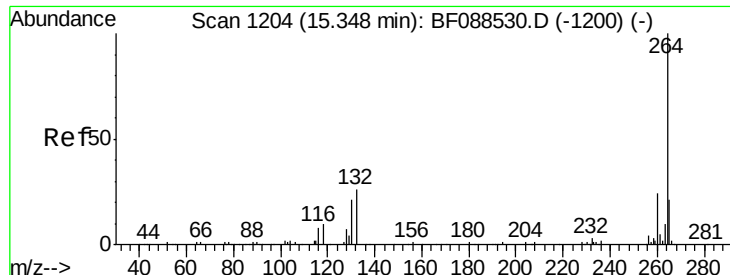


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.20 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF088976.D
Acq: 14 Jul 2016 00:05

Instrument :
BNA_F
ClientSampleId :
P7-B6(0-7)C

Tgt Ion:	264	Resp:	113010
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	21.3	16.9	25.3

