

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
 Data File : BF080983.D
 Acq On : 13 Aug 2015 16:11
 Operator : UM/IZ
 Sample : G3253-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S32-9018

Quant Time: Aug 14 00:37:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

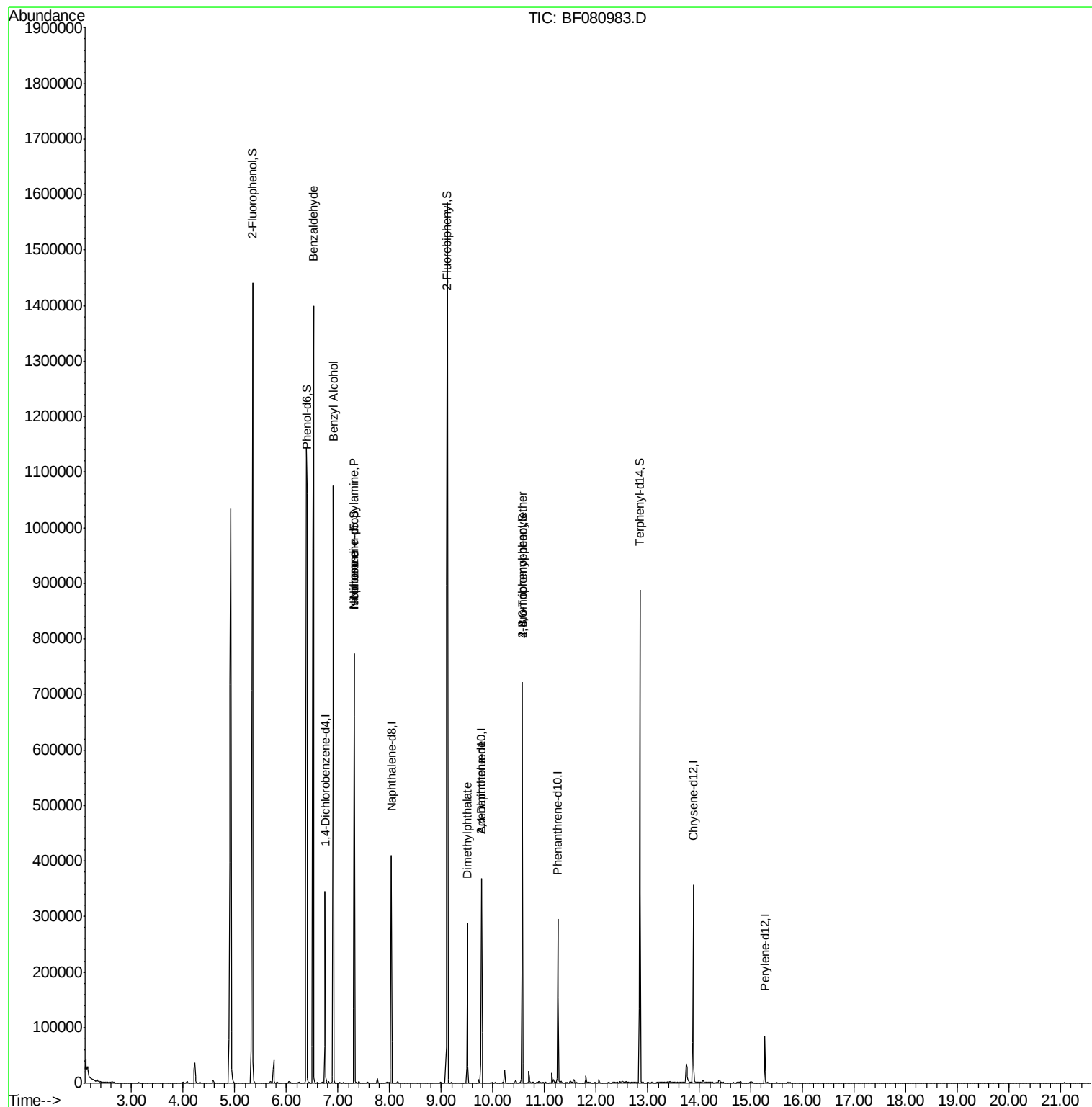
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	44940	20.00	ng	-0.06
21) Naphthalene-d8	8.03	136	158174	20.00	ng	-0.07
38) Acenaphthene-d10	9.78	164	68921	20.00	ng	-0.07
63) Phenanthrene-d10	11.25	188	124313	20.00	ng	-0.07
75) Chrysene-d12	13.88	240	115299	20.00	ng	-0.08
86) Perylene-d12	15.27	264	36730	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	355128	129.11	ng	-0.03
7) Phenol-d6	6.40	99	569772	151.17	ng	-0.05
23) Nitrobenzene-d5	7.31	82	350735	104.89	ng	-0.07
41) 2,4,6-Tribromophenol	10.57	330	55792	73.69	ng	-0.07
44) 2-Fluorobiphenyl	9.12	172	577251	117.91	ng	-0.06
78) Terphenyl-d14	12.84	244	295449	52.93	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.52	77	11940	4.70	ng	Qvalue 82
15) Benzyl Alcohol	6.91	79	6348	2.06	ng	# 42
19) n-Nitroso-di-n-propylamine	7.31	70	47128	17.11	ng	# 82
25) Isophorone	7.31	82	322429	50.14	ng	# 65
49) Dimethylphthalate	9.50	163	93998	16.42	ng	99
56) 2,4-Dinitrotoluene	9.78	165	8878	5.61	ng	# 7
66) 4-Bromophenyl-phenylether	10.57	248	4714	3.58	ng	# 1

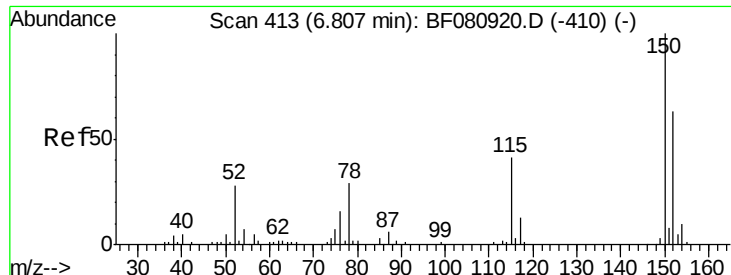
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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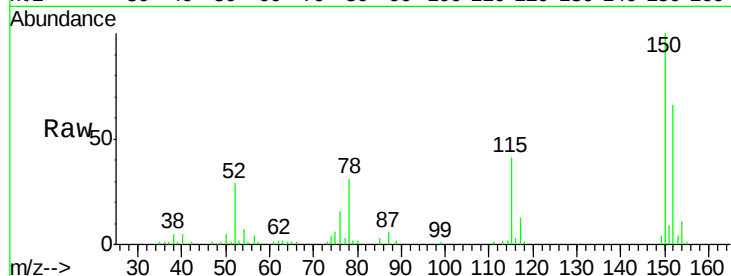


#1

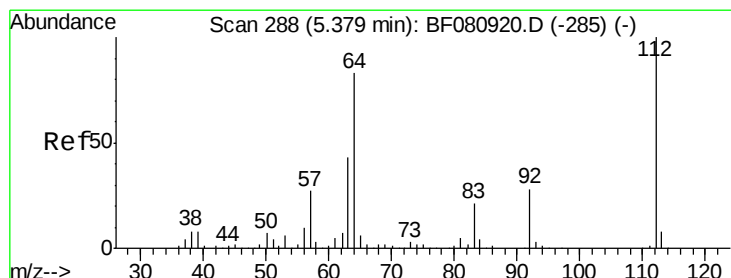
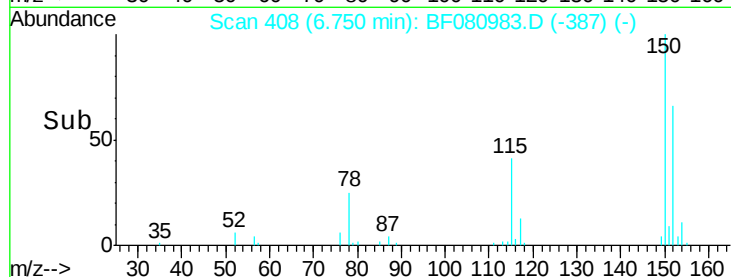
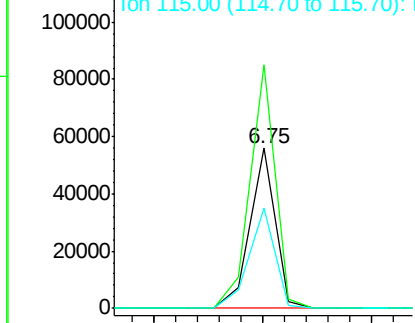
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.06 min
Lab File: BF080983.D
Acq: 13 Aug 2015 16:11

Instrument :
BNA_F
ClientSampleId :
S32-9018

Tot Ion:152 Resp: 44940
Ion Ratio Lower Upper
152 100
150 152.3 127.4 191.2
115 63.0 52.6 78.8



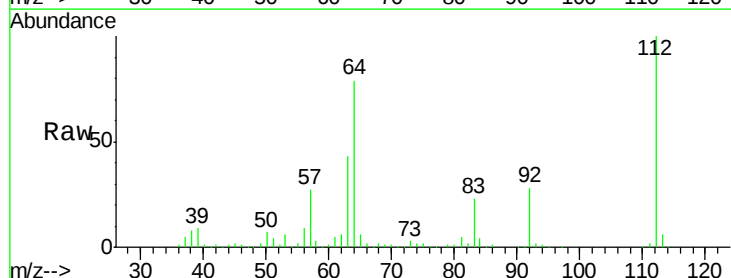
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



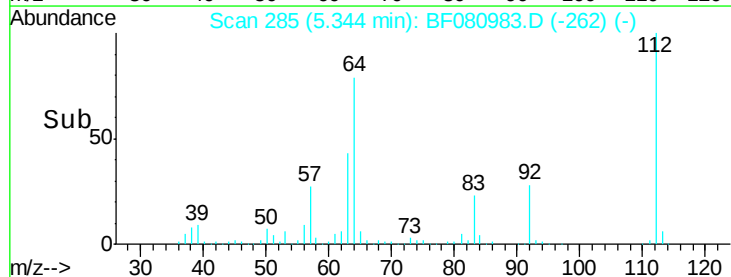
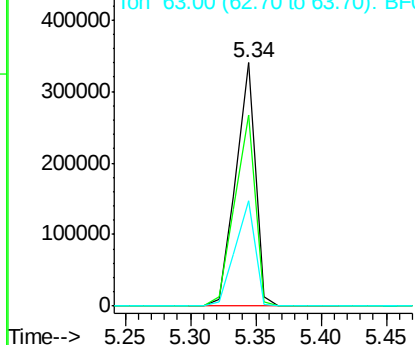
#5

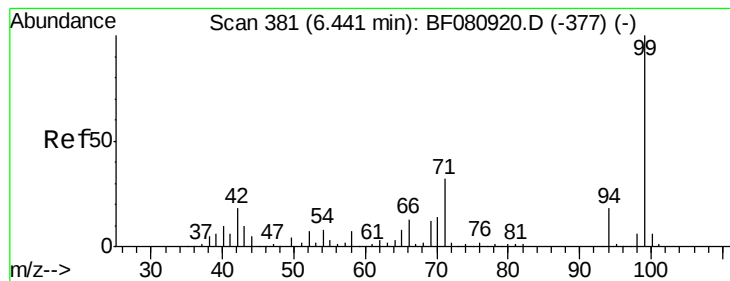
2-Fluorophenol
Concen: 129.11 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.03 min
Lab File: BF080983.D
Acq: 13 Aug 2015 16:11

Tgt Ion:112 Resp: 355128
Ion Ratio Lower Upper
112 100
64 78.6 66.1 99.1
63 43.2 34.6 52.0



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: 151.17 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF080983.D

Acq: 13 Aug 2015 16:11

Instrument :

BNA_F

ClientSampleId :

S32-9018

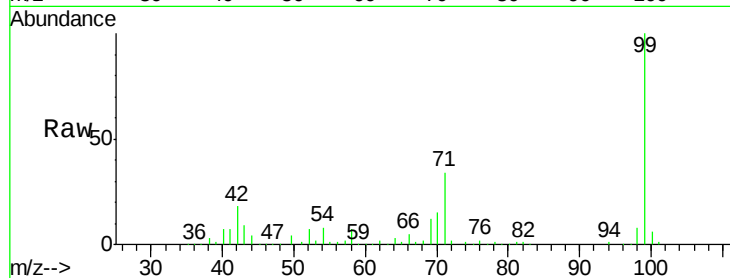
Tot Ion: 99 Resp: 569772

Ion Ratio Lower Upper

99 100

42 18.0 14.4 21.6

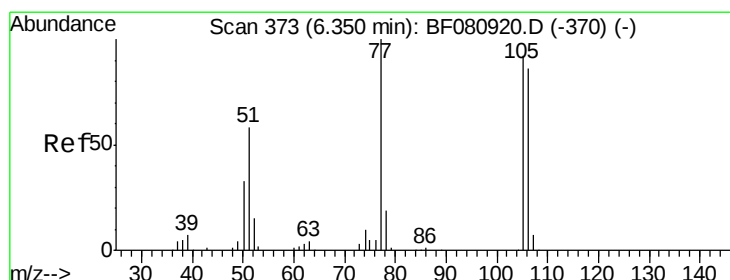
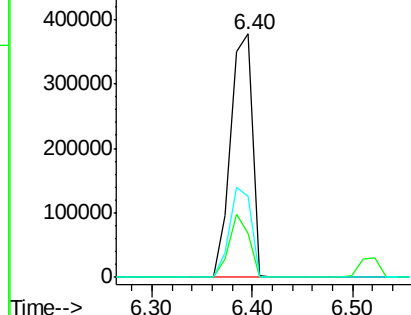
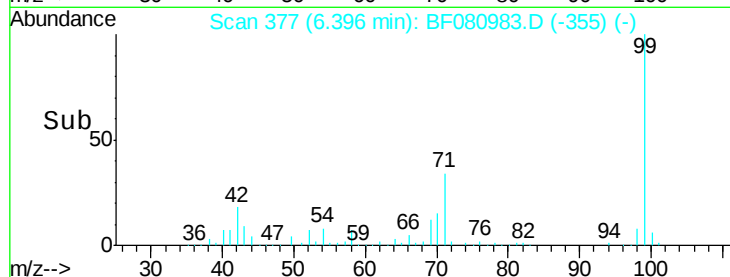
71 33.5 25.8 38.8



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



#9

Benzaldehyde

Concen: 4.70 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.17 min

Lab File: BF080983.D

Acq: 13 Aug 2015 16:11

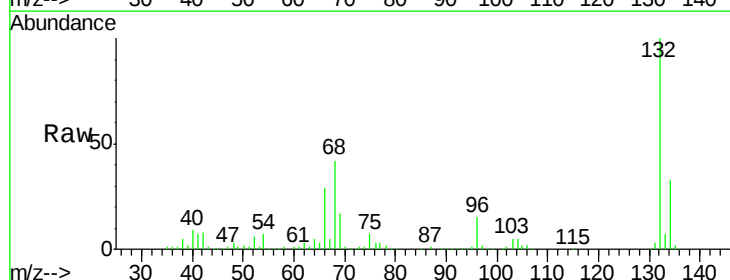
Tgt Ion: 77 Resp: 11940

Ion Ratio Lower Upper

77 100

105 75.2 71.6 111.6

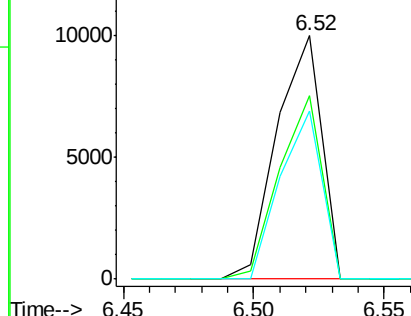
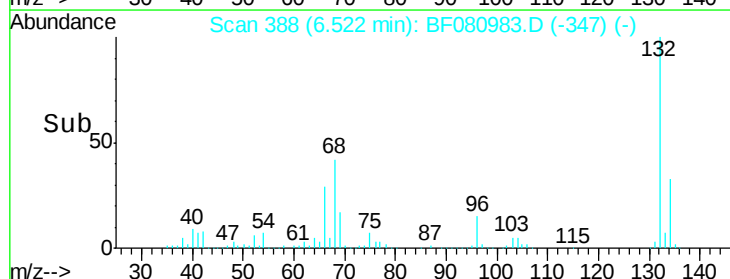
106 68.8 65.7 105.7

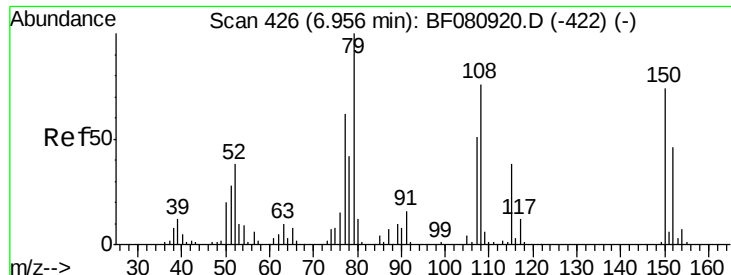


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.05 min

Lab File: BF080983.D

Acq: 13 Aug 2015 16:11

Instrument :

BNA_F

ClientSampleId :

S32-9018

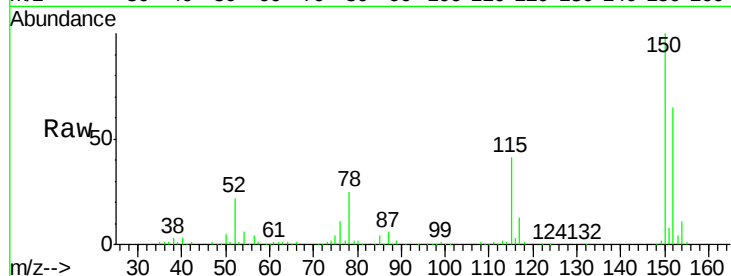
Tot Ion: 79 Resp: 6348

Ion Ratio Lower Upper

79 100

108 32.0 60.9 91.3#

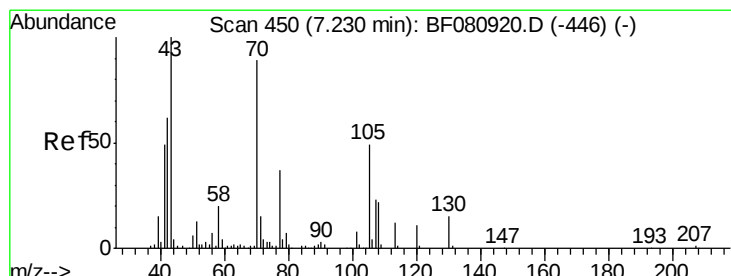
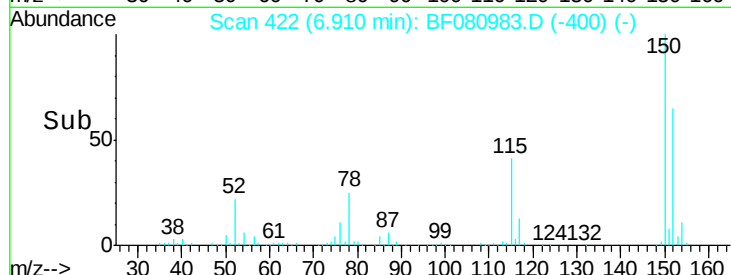
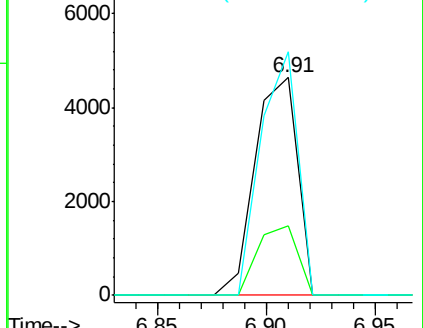
77 112.0 49.4 74.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 17.11 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.08 min

Lab File: BF080983.D

Acq: 13 Aug 2015 16:11

Tgt Ion: 70 Resp: 47128

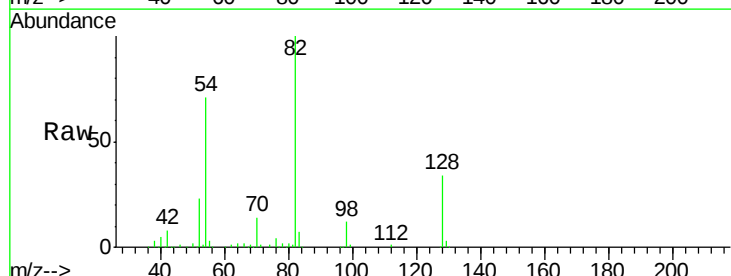
Ion Ratio Lower Upper

70 100

42 59.7 55.7 83.5

101 0.0 7.0 10.6#

130 1.7 13.8 20.8#

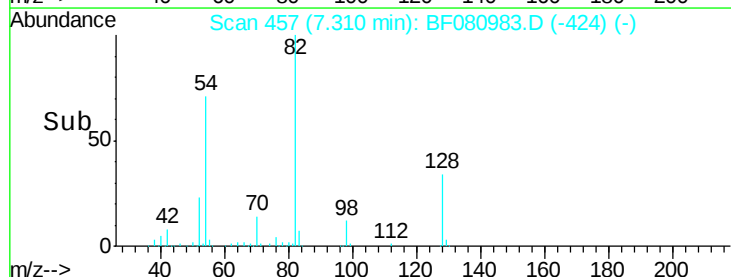
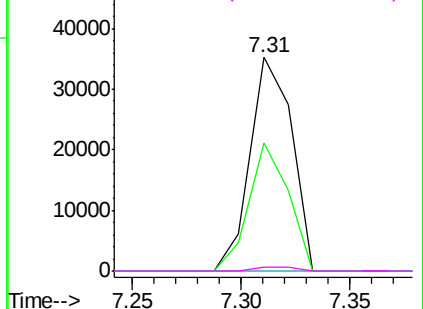


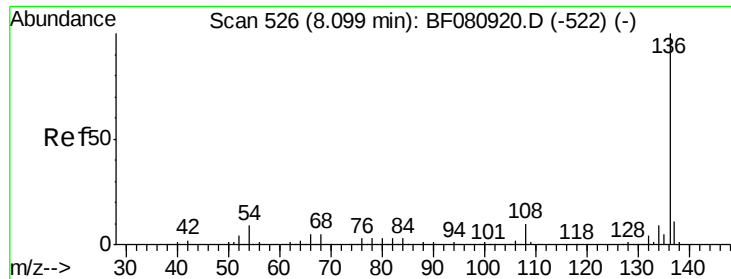
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

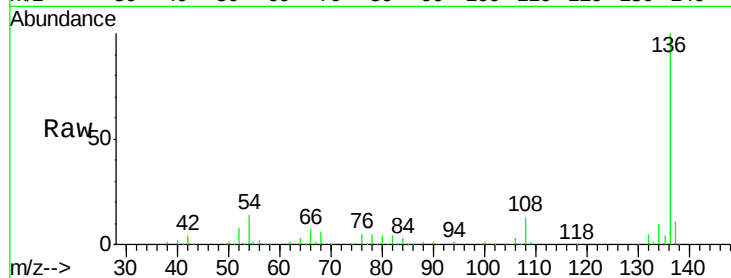




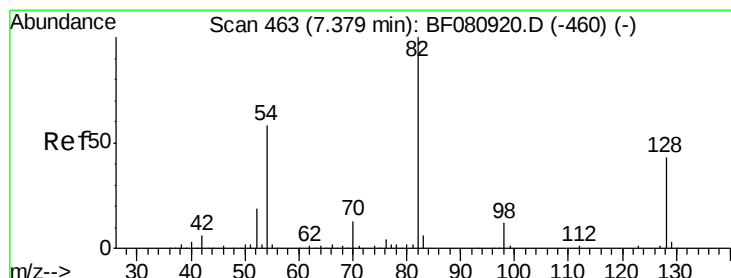
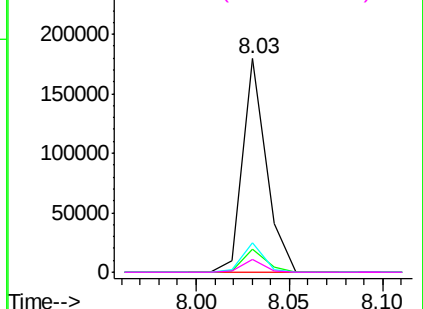
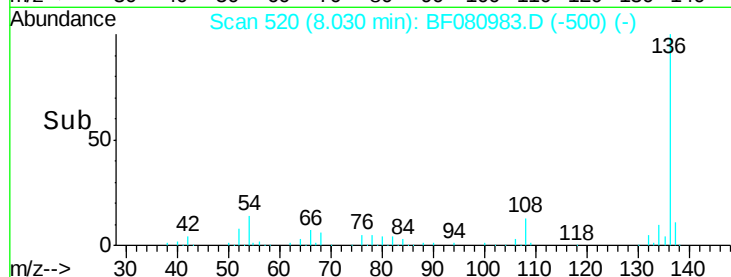
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.07 min
Lab File: BF080983.D
Acq: 13 Aug 2015 16:11

Instrument :
BNA_F
ClientSampleId :
S32-9018

Tot Ion:136 Resp: 158174
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 14.0 7.1 10.7#
68 5.8 3.8 5.8#

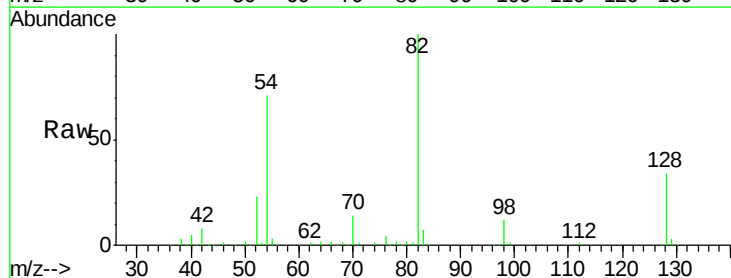


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

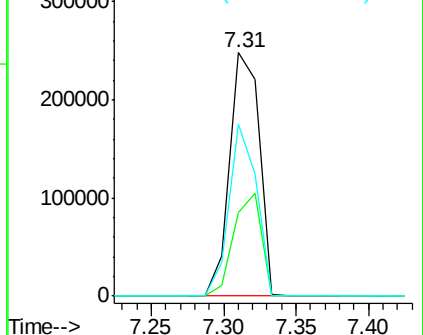
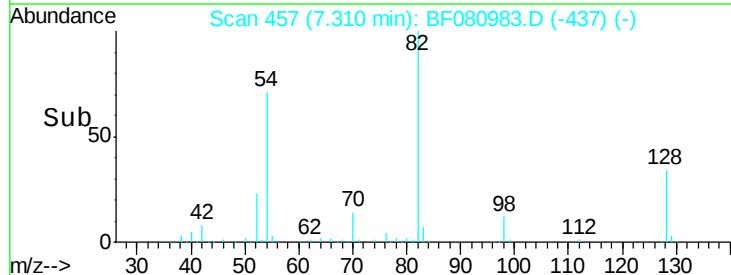


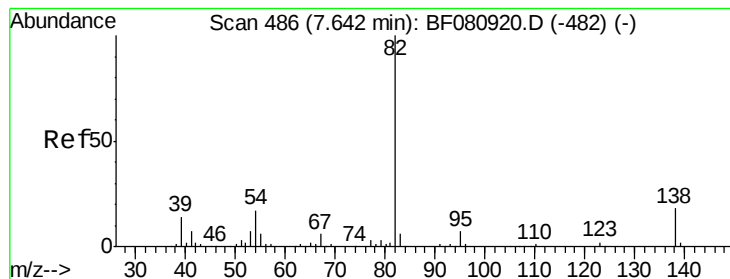
#23
Nitrobenzene-d5
Concen: 104.89 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF080983.D
Acq: 13 Aug 2015 16:11

Tgt Ion: 82 Resp: 350735
Ion Ratio Lower Upper
82 100
128 34.5 34.1 51.1
54 70.9 46.5 69.7#



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





#25

Isophorone

Concen: 50.14 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.33 min

Lab File: BF080983.D

Acq: 13 Aug 2015 16:11

Instrument :

BNA_F

ClientSampleId :

S32-9018

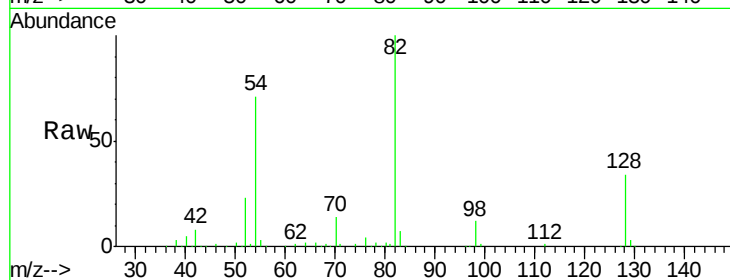
Tot Ion: 82 Resp: 322429

Ion Ratio Lower Upper

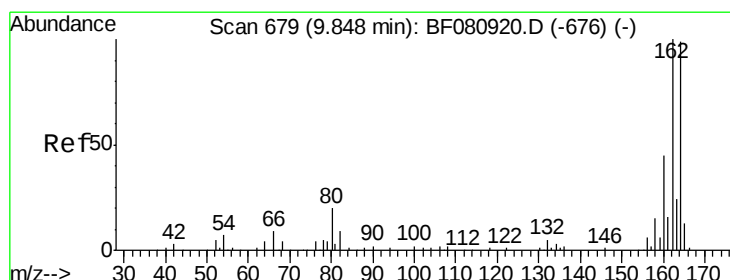
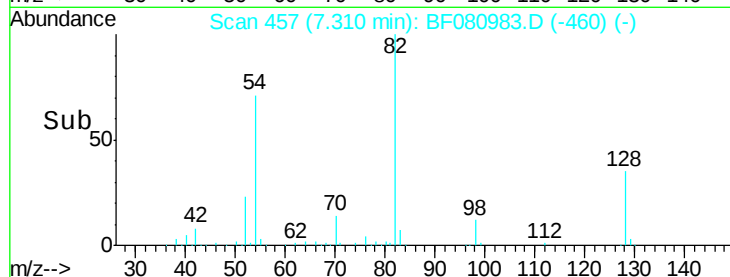
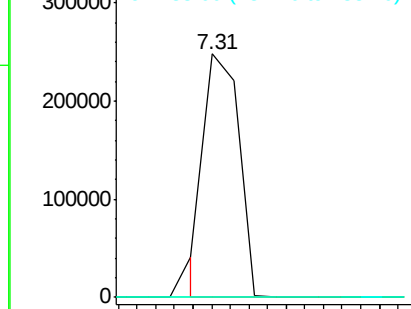
82 100

95 0.0 5.8 8.6#

138 0.0 14.1 21.1#



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: 9.78 min Scan# 673

Delta R.T. -0.07 min

Lab File: BF080983.D

Acq: 13 Aug 2015 16:11

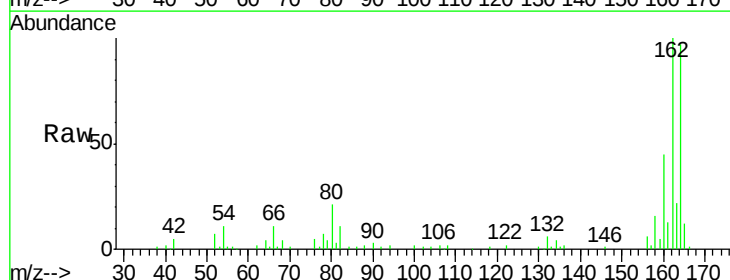
Tgt Ion:164 Resp: 68921

Ion Ratio Lower Upper

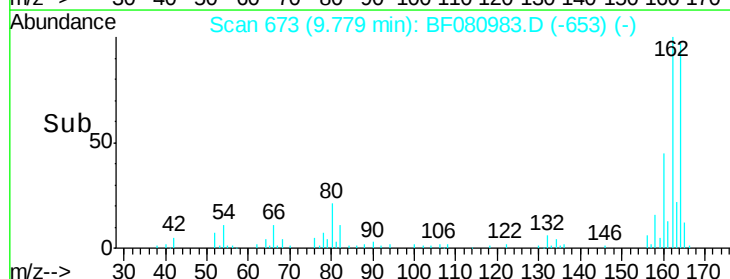
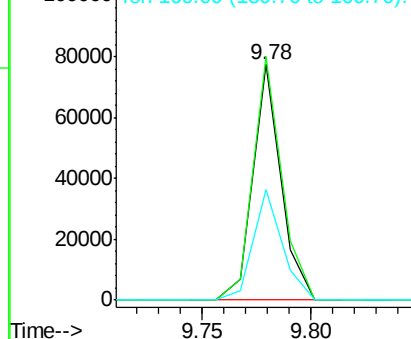
164 100

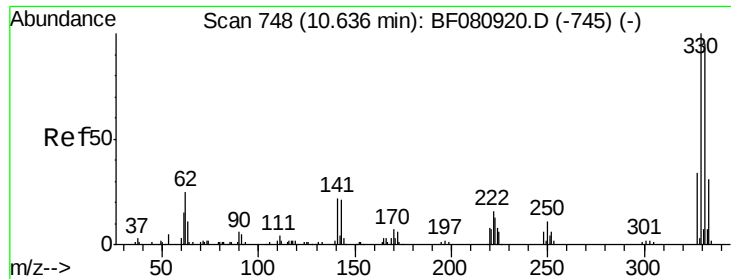
162 103.4 80.5 120.7

160 47.0 36.6 54.8



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

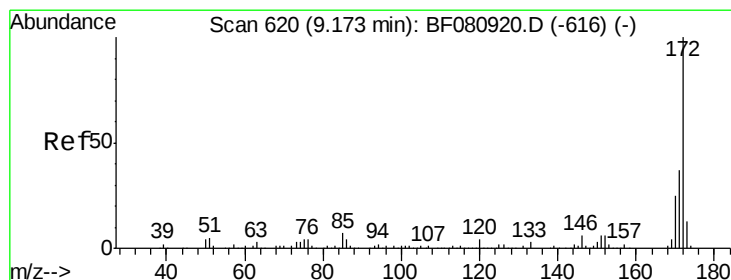
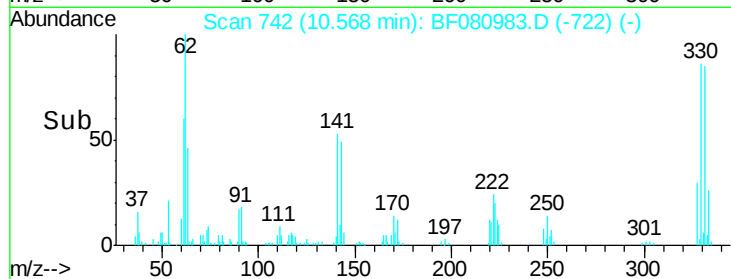
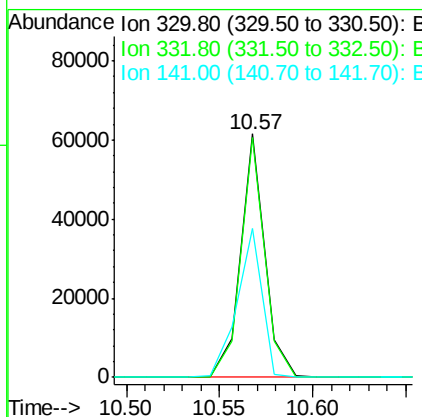
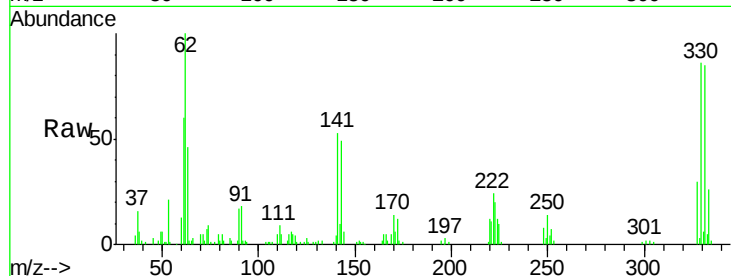




#41
 2,4,6-Tribromophenol
 Concen: 73.69 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.07 min
 Lab File: BF080983.D
 Acq: 13 Aug 2015 16:11

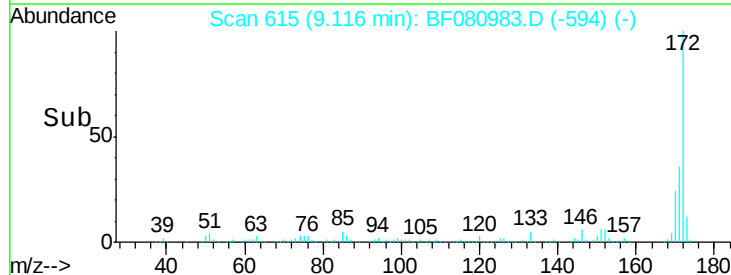
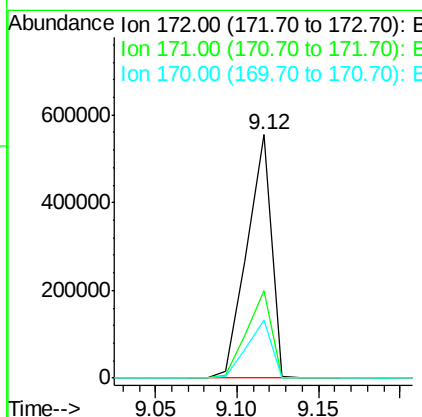
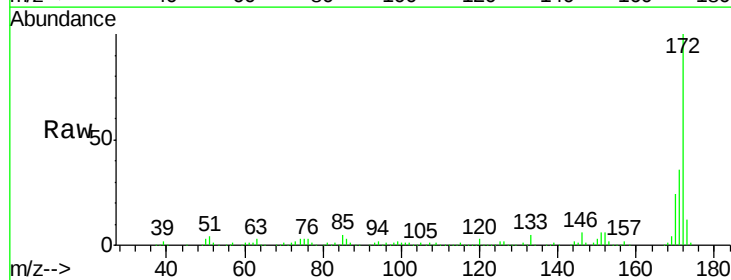
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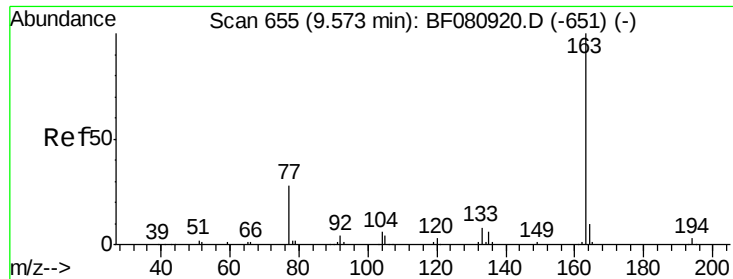
Tot Ion:330 Resp: 55792
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.2 114.4
 141 63.4 27.8 41.8#



#44
 2-Fluorobiphenyl
 Concen: 117.91 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF080983.D
 Acq: 13 Aug 2015 16:11

Tgt Ion:172 Resp: 577251
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 23.9 19.7 29.5

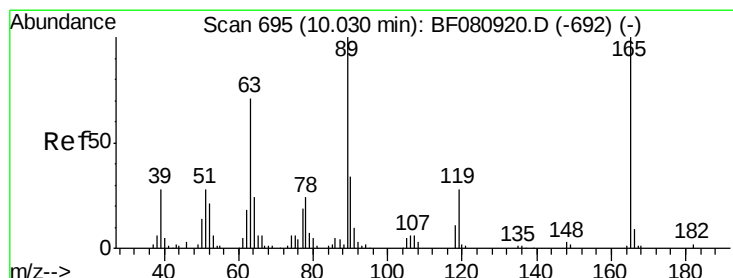
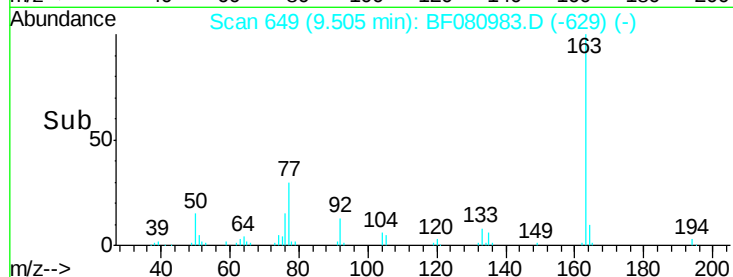
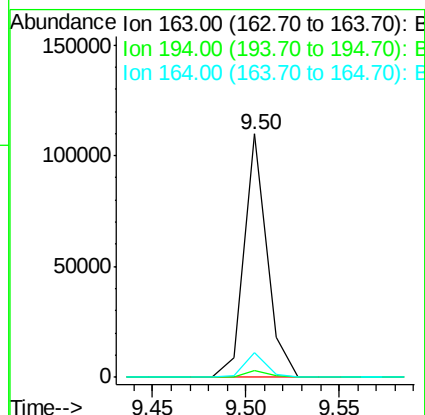
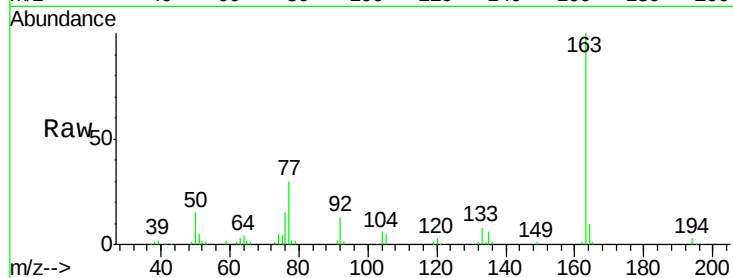




#49
Dimethylphthalate
Concen: 16.42 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.07 min
Lab File: BF080983.D
Acq: 13 Aug 2015 16:11

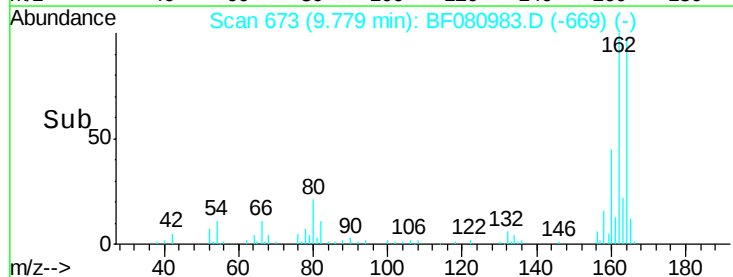
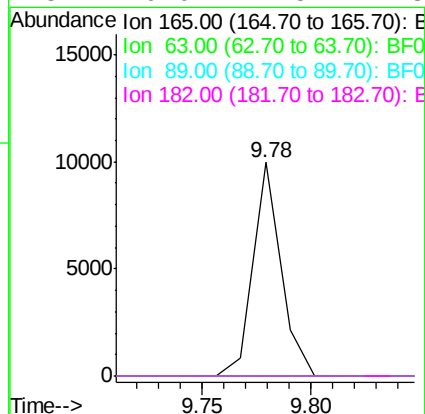
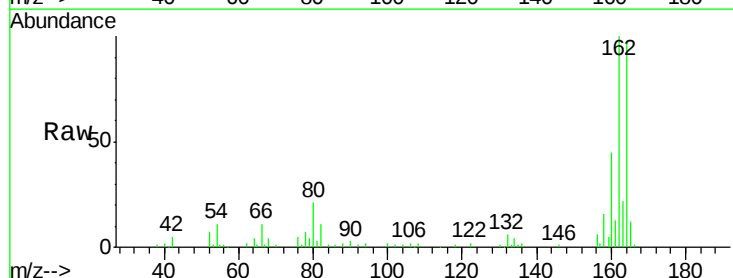
Instrument :
BNA_F
ClientSampleId :
S32-9018

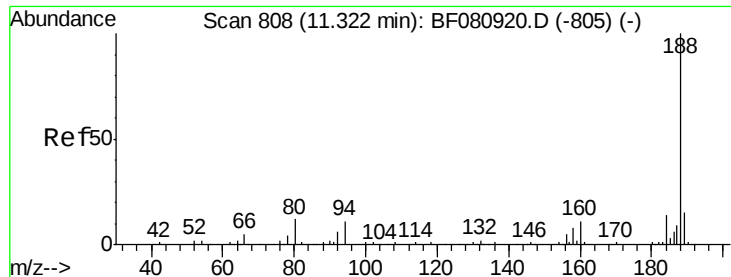
Tot Ion:163 Resp: 93998
Ion Ratio Lower Upper
163 100
194 3.1 2.4 3.6
164 10.0 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 5.61 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.25 min
Lab File: BF080983.D
Acq: 13 Aug 2015 16:11

Tgt Ion:165 Resp: 8878
Ion Ratio Lower Upper
165 100
63 0.0 56.7 85.1#
89 0.0 80.4 120.6#
182 0.0 1.5 2.3#

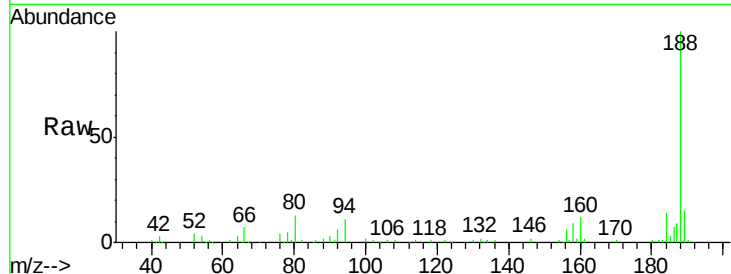




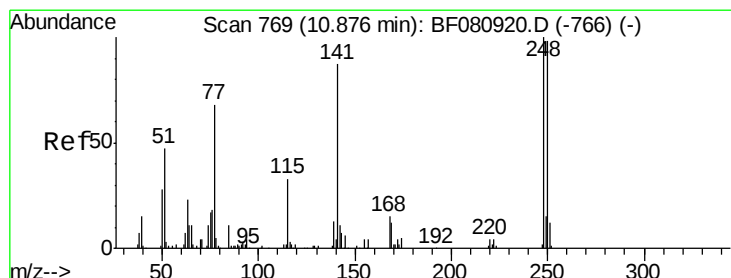
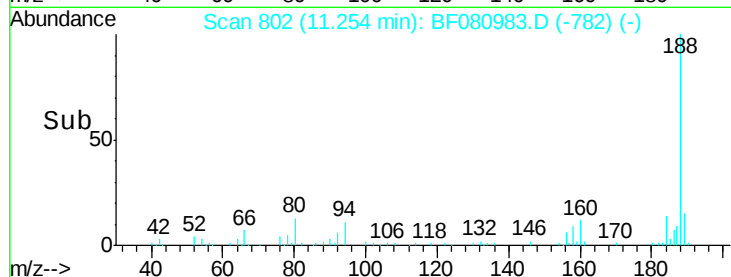
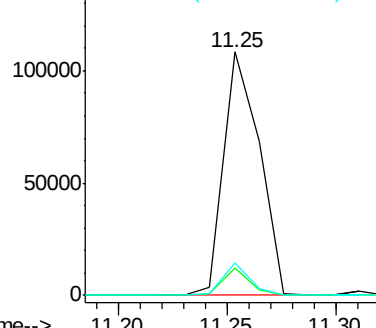
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.07 min
 Lab File: BF080983.D
 Acq: 13 Aug 2015 16:11

Instrument :
 BNA_F
 ClientSampleId :
 S32-9018

Tot Ion:188	Resp:	124313
Ion Ratio	Lower	Upper
188 100		
94 11.0	8.8	13.2
80 13.1	9.5	14.3

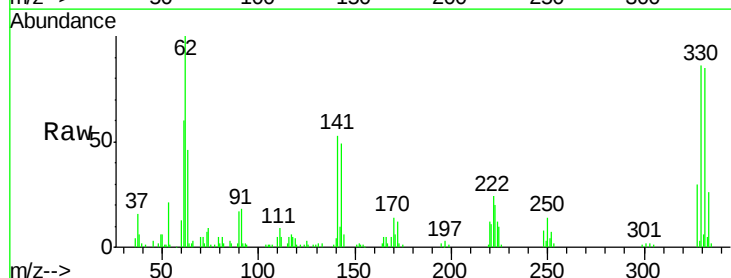


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

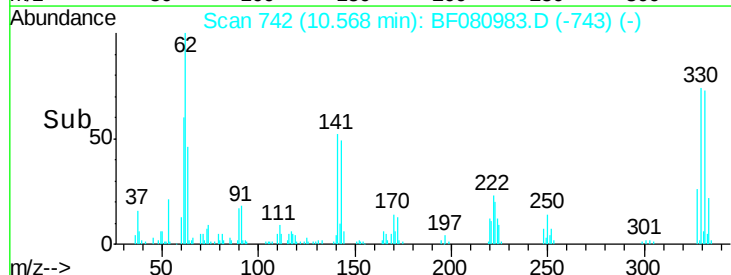
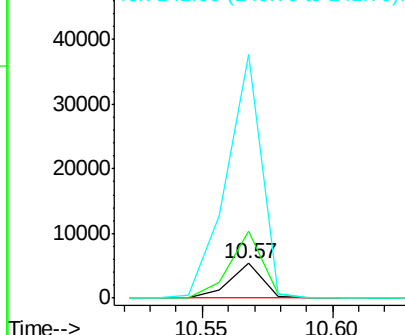


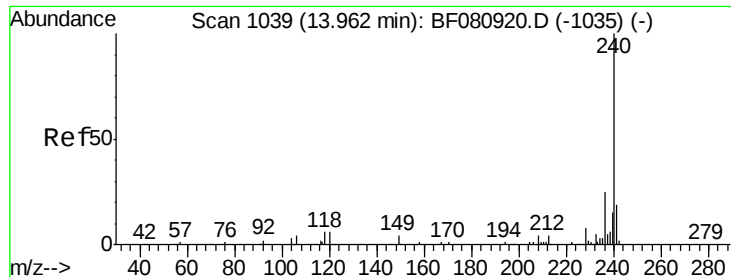
#66
 4-Bromophenyl-phenylether
 Concen: 3.58 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.31 min
 Lab File: BF080983.D
 Acq: 13 Aug 2015 16:11

Tgt Ion:248	Resp:	4714
Ion Ratio	Lower	Upper
248 100		
250 191.0	78.1	117.1#
141 700.8	69.6	104.4#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.08 min

Lab File: BF080983.D

Acq: 13 Aug 2015 16:11

Instrument :

BNA_F

ClientSampleId :

S32-9018

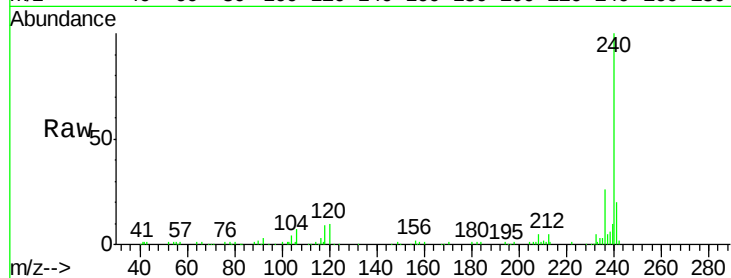
Tot Ion:240 Resp: 115299

Ion Ratio Lower Upper

240 100

120 9.6 5.2 7.8#

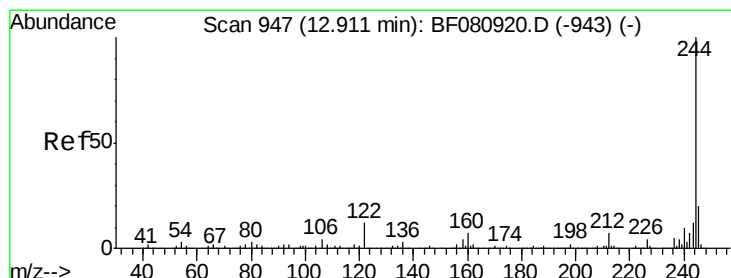
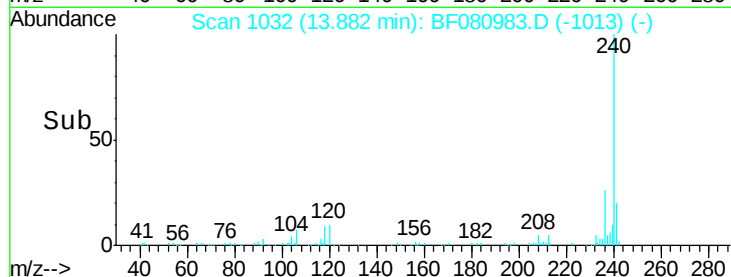
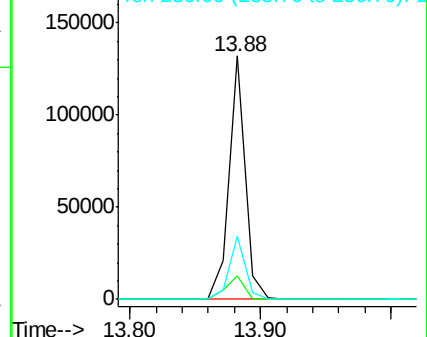
236 25.9 20.2 30.4



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: 52.93 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.07 min

Lab File: BF080983.D

Acq: 13 Aug 2015 16:11

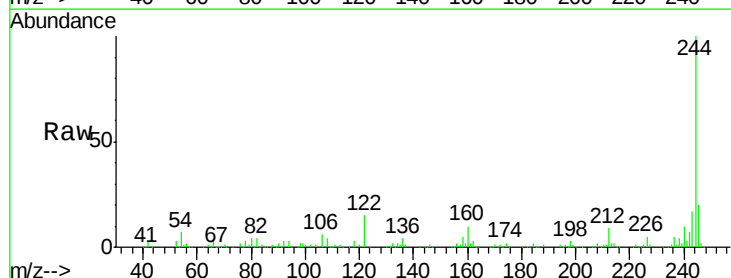
Tgt Ion:244 Resp: 295449

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

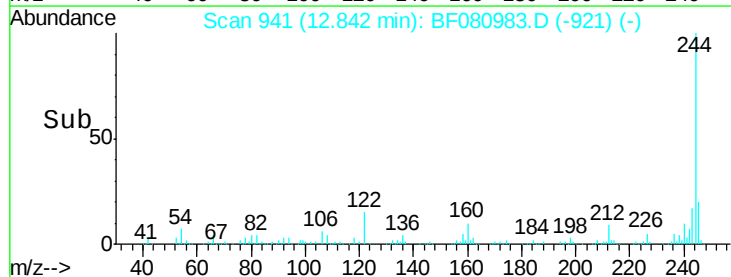
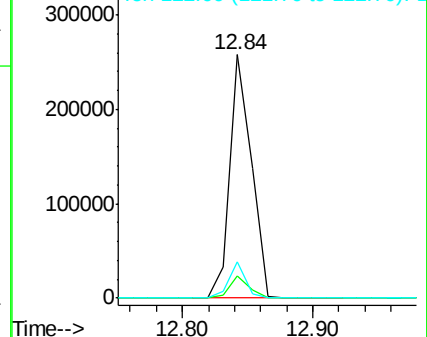
122 14.7 9.4 14.2#

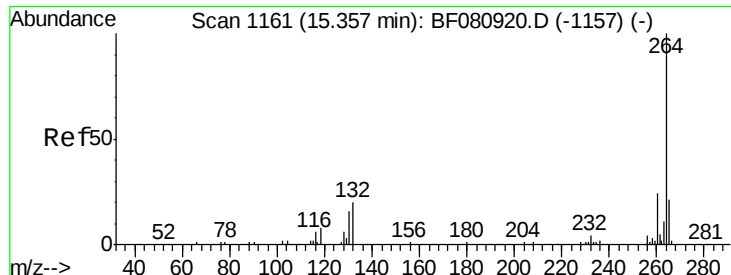


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

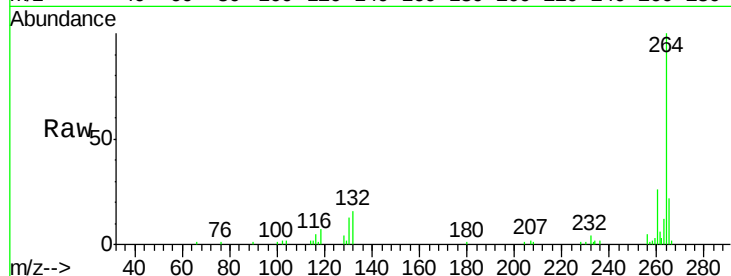




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1153
 Delta R.T. -0.09 min
 Lab File: BF080983.D
 Acq: 13 Aug 2015 16:11

Instrument :
 BNA_F
 ClientSampleId :
 S32-9018

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.4	29.0
265	21.6	17.0	25.4



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

