

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111715\
 Data File : BF082983.D
 Acq On : 17 Nov 2015 23:30
 Operator : UM/IZ
 Sample : G4407-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 04:30:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

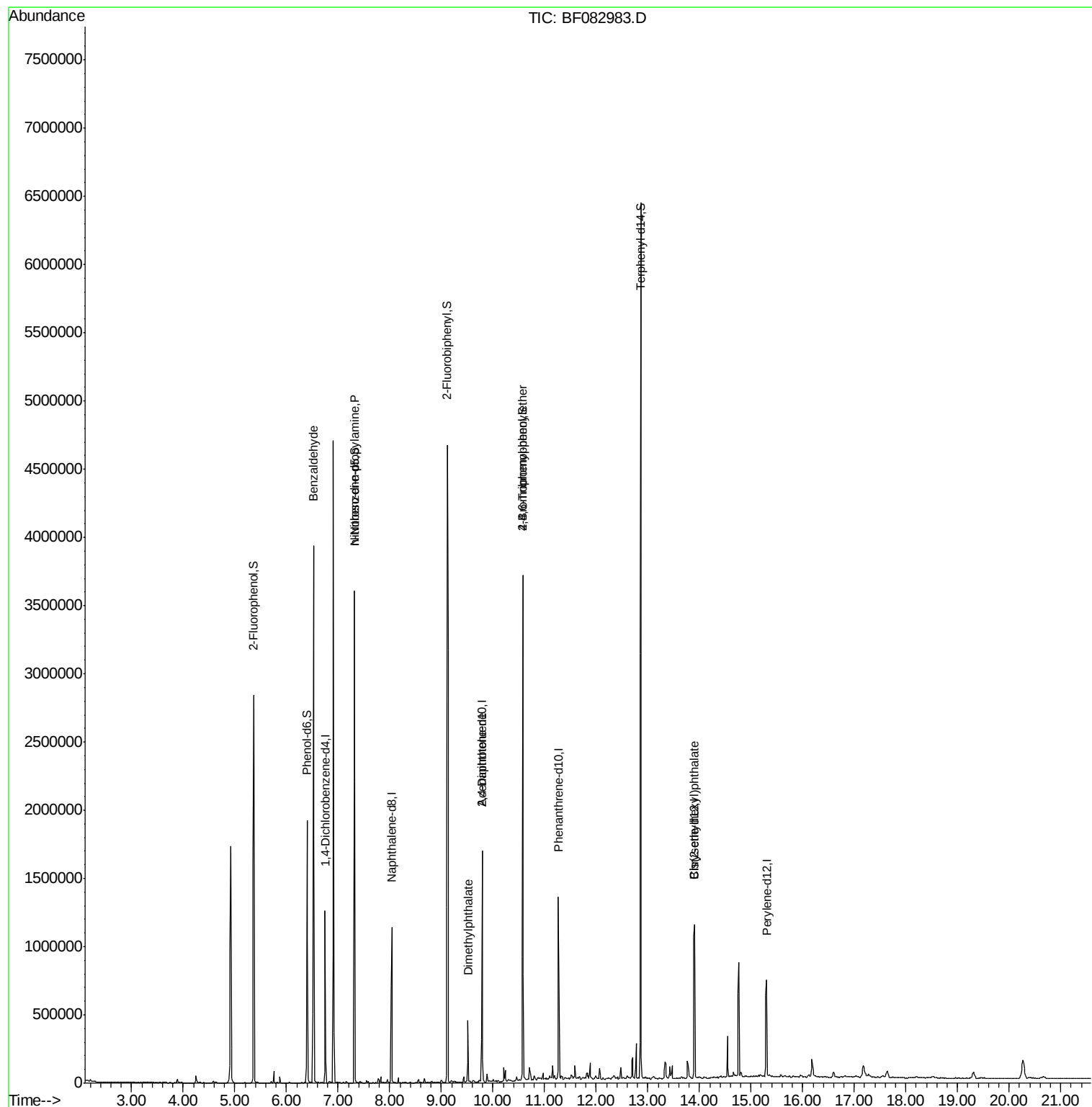
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	166359	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	632239	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	322447	20.00	ng	-0.10
63) Phenanthrene-d10	11.26	188	563093	20.00	ng	-0.11
75) Chrysene-d12	13.91	240	515430	20.00	ng	-0.11
86) Perylene-d12	15.30	264	381686	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	875665	81.90	ng	-0.08
7) Phenol-d6	6.40	99	794773	55.91	ng	-0.09
23) Nitrobenzene-d5	7.32	82	1504406	103.54	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	438058	118.48	ng	-0.10
44) 2-Fluorobiphenyl	9.12	172	2142706	95.24	ng	-0.10
78) Terphenyl-d14	12.87	244	2139868	98.47	ng	-0.10
Target Compounds						Qvalue
9) Benzaldehyde	6.52	77	29738	3.79	ng	82
19) n-Nitroso-di-n-propylamine	7.32	70	208136	19.92	ng	# 67
49) Dimethylphthalate	9.52	163	195192	7.39	ng	98
56) 2,4-Dinitrotoluene	9.79	165	41630	5.44	ng	# 16
66) 4-Bromophenyl-phenylether	10.58	248	27879	4.11	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.91	149	52223	2.44	ng	# 95

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

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
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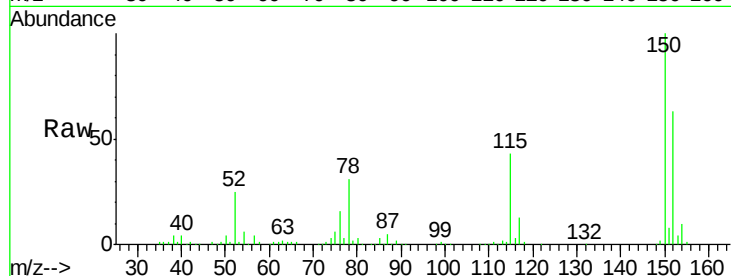


#1

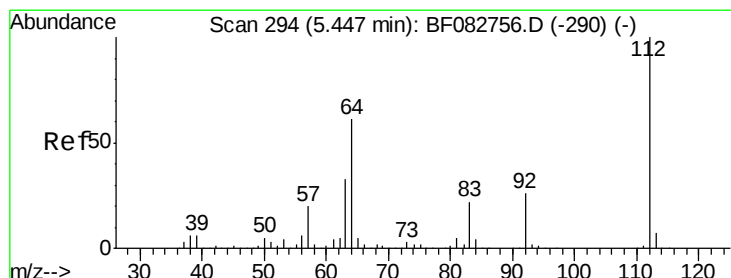
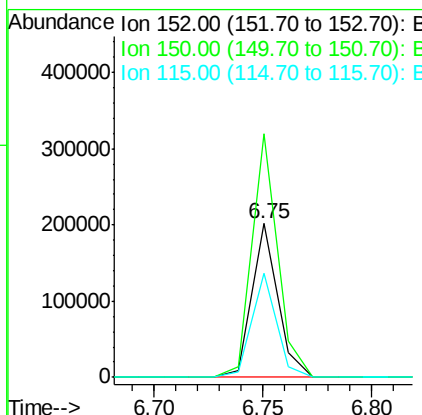
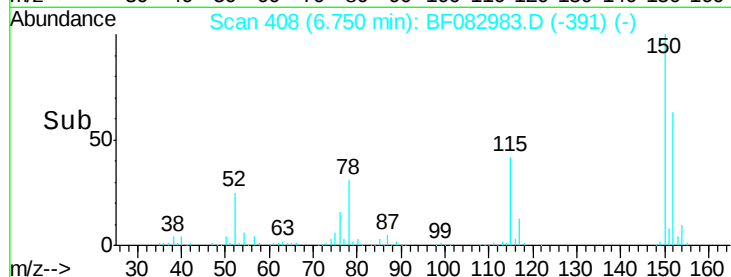
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.10 min
 Lab File: BF082983.D
 Acq: 17 Nov 2015 23:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 166359
 Ion Ratio Lower Upper
 152 100
 150 158.5 127.0 190.4
 115 67.4 47.0 70.6



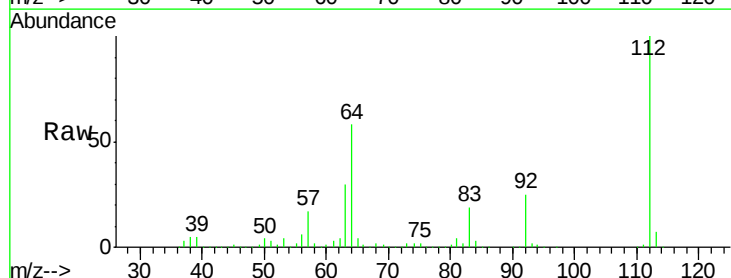
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



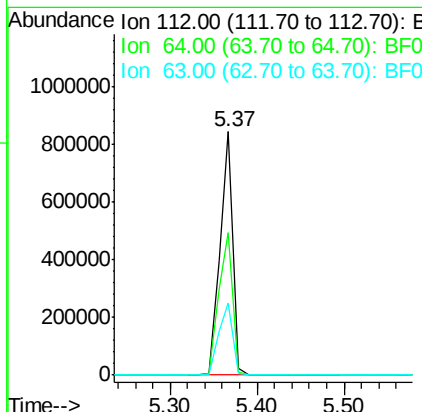
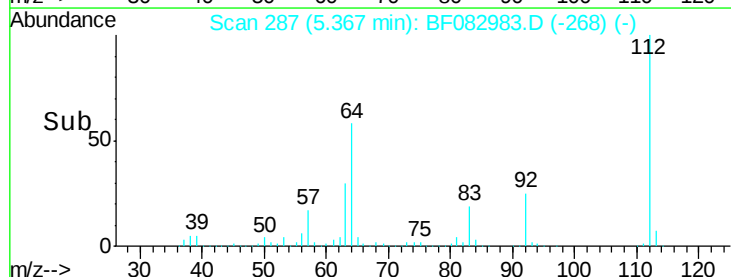
#5

2-Fluorophenol
 Concen: 81.90 ng
 RT: 5.37 min Scan# 287
 Delta R.T. -0.08 min
 Lab File: BF082983.D
 Acq: 17 Nov 2015 23:30

Tgt Ion:112 Resp: 875665
 Ion Ratio Lower Upper
 112 100
 64 58.5 48.9 73.3
 63 29.5 28.1 42.1



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: 55.91 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.09 min

Lab File: BF082983.D

Acq: 17 Nov 2015 23:30

Instrument :

BNA_F

ClientSampled :

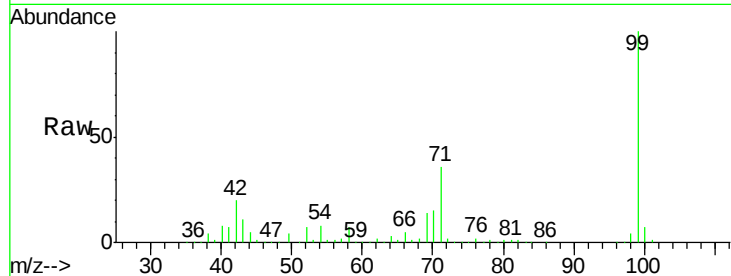
Tot Ion: 99 Resp: 794773

Ion Ratio Lower Upper

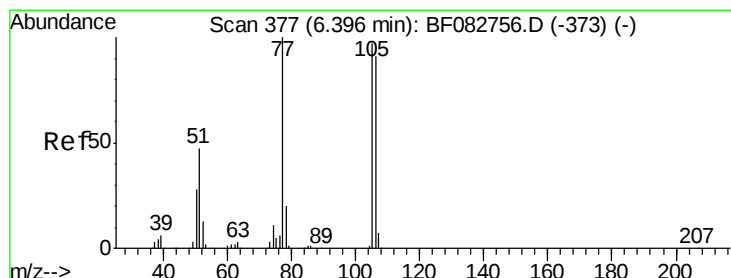
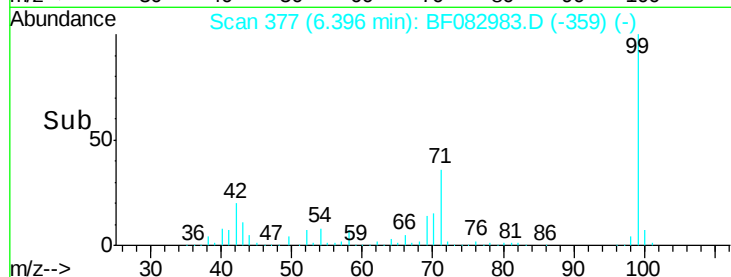
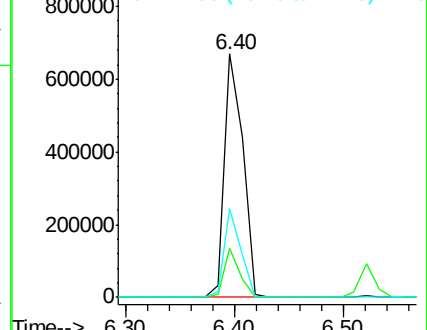
99 100

42 20.4 19.2 28.8

71 36.4 35.0 52.4



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: 3.79 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.13 min

Lab File: BF082983.D

Acq: 17 Nov 2015 23:30

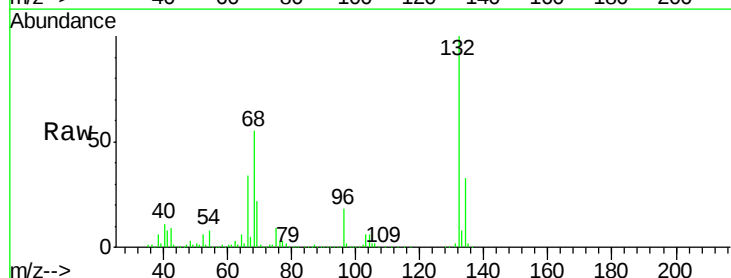
Tgt Ion: 77 Resp: 29738

Ion Ratio Lower Upper

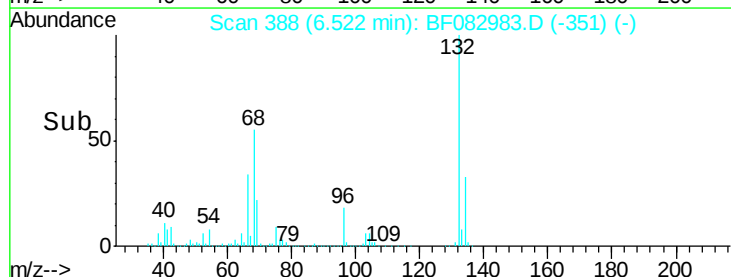
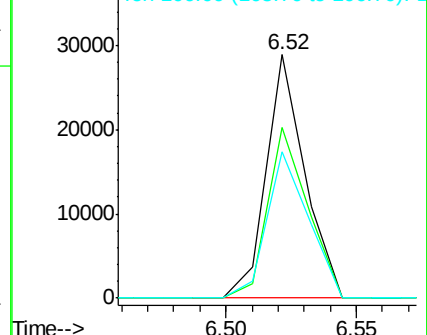
77 100

105 70.0 63.5 103.5

106 60.0 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B

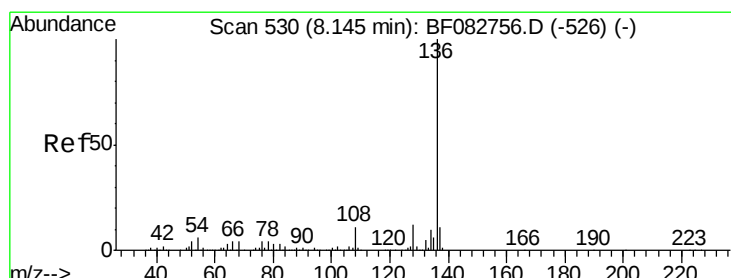
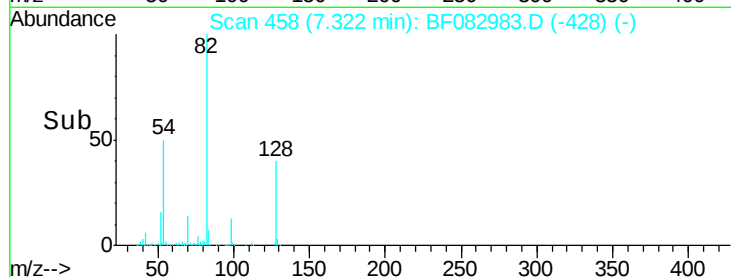
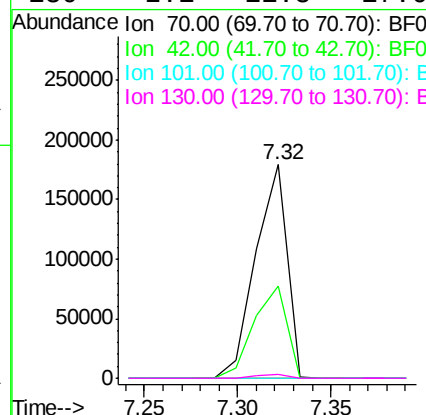
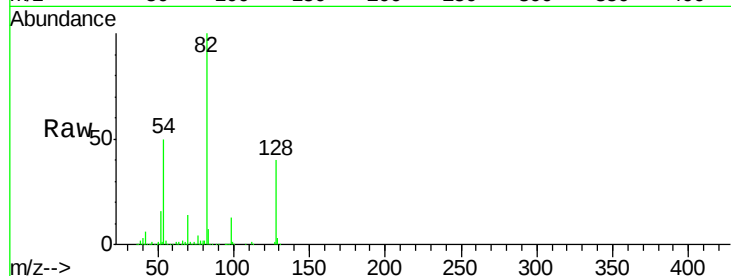




#19
n-Nitroso-di-n-propylamine
Concen: 19.92 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.05 min
Lab File: BF082983.D
Acq: 17 Nov 2015 23:30

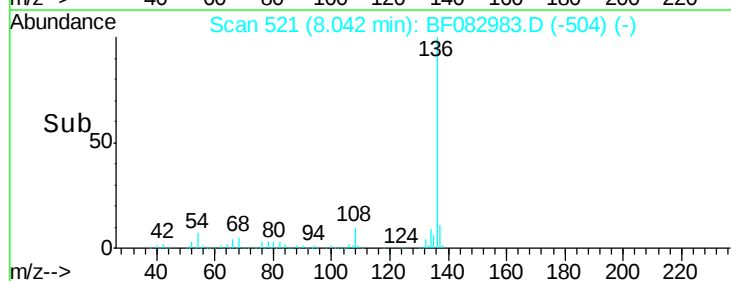
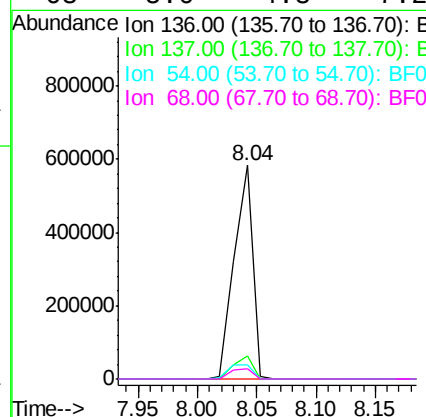
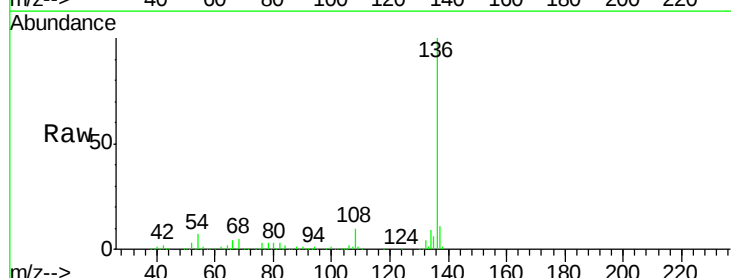
Instrument :
BNA_F
ClientSampled :

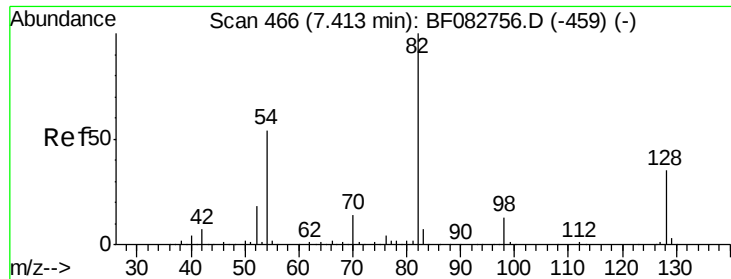
Tot Ion: 70 Resp: 208136
Ion Ratio Lower Upper
70 100
42 43.1 57.7 86.5#
101 0.0 7.0 10.6#
130 2.1 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.10 min
Lab File: BF082983.D
Acq: 17 Nov 2015 23:30

Tgt Ion: 136 Resp: 632239
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 6.5 9.1 13.7#
68 5.0 4.8 7.2

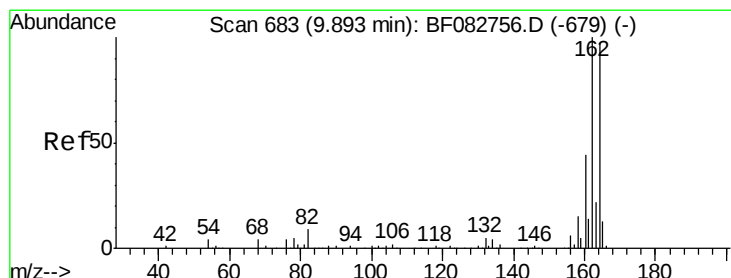
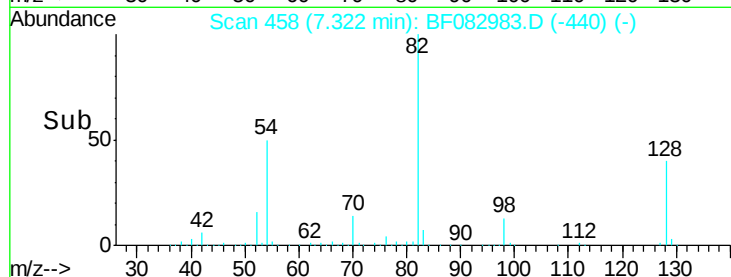
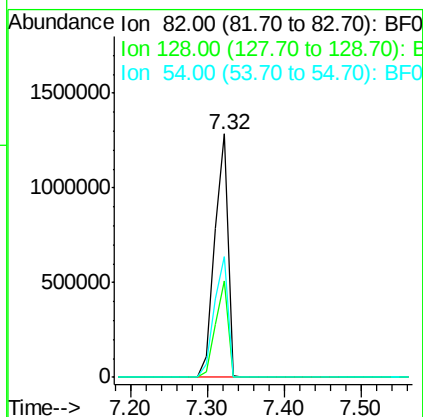
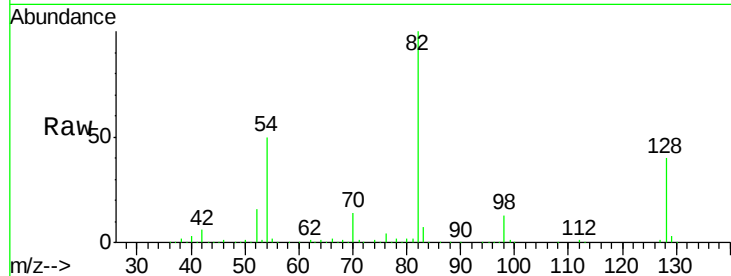




#23
 Nitrobenzene-d5
 Concen: 103.54 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.09 min
 Lab File: BF082983.D
 Acq: 17 Nov 2015 23:30

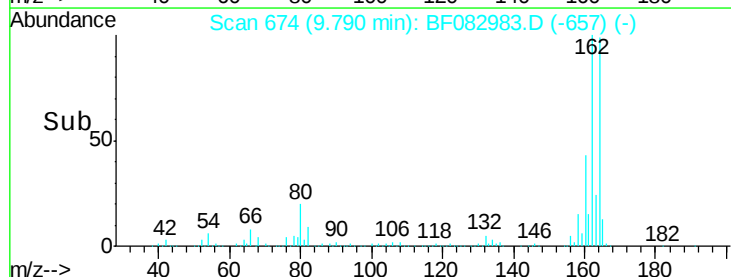
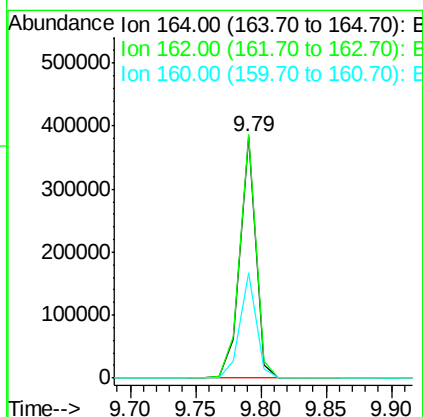
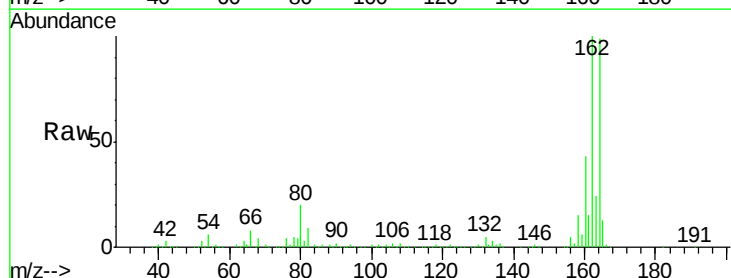
Instrument :
 BNA_F
 ClientSampleId :

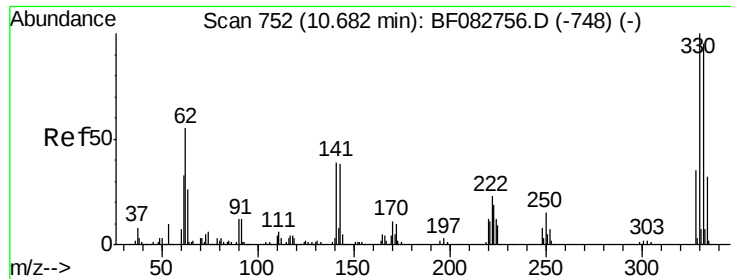
Tot Ion: 82 Resp: 1504406
 Ion Ratio Lower Upper
 82 100
 128 39.8 26.8 40.2
 54 49.5 45.7 68.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.10 min
 Lab File: BF082983.D
 Acq: 17 Nov 2015 23:30

Tgt Ion: 164 Resp: 322447
 Ion Ratio Lower Upper
 164 100
 162 100.9 84.9 127.3
 160 43.7 37.5 56.3

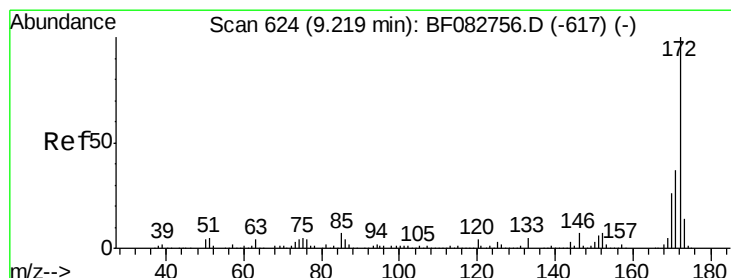
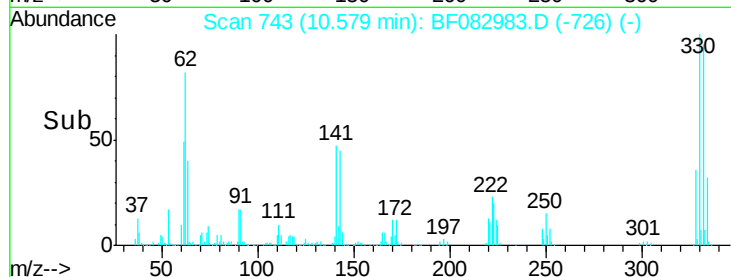
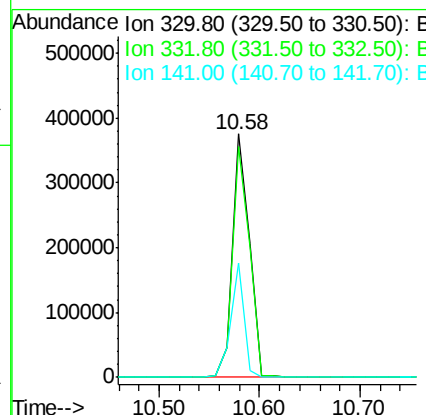
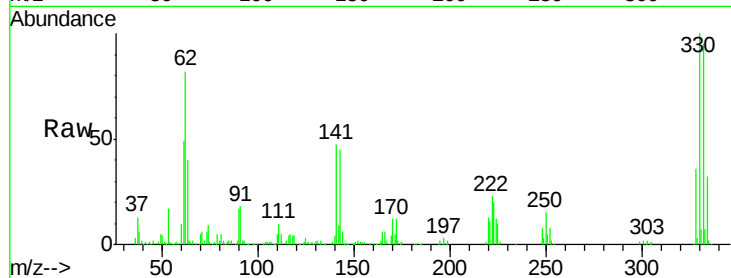




#41
 2,4,6-Tribromophenol
 Concen: 118.48 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.10 min
 Lab File: BF082983.D
 Acq: 17 Nov 2015 23:30

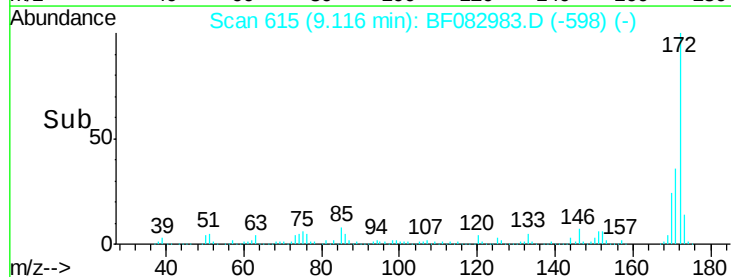
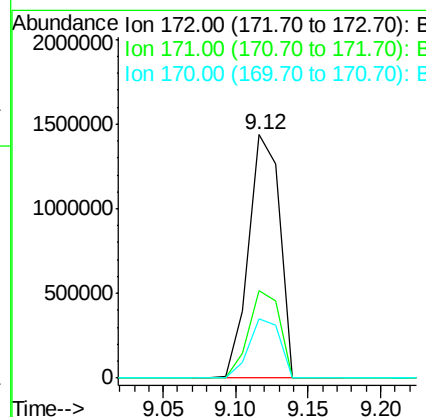
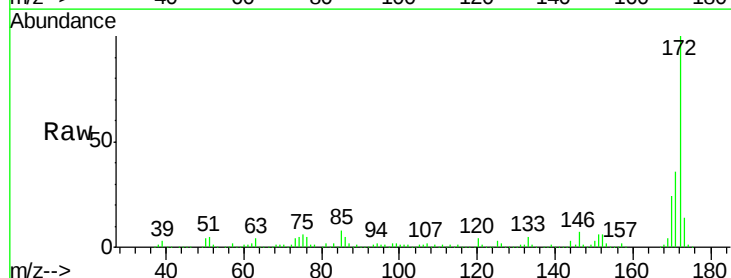
Instrument :
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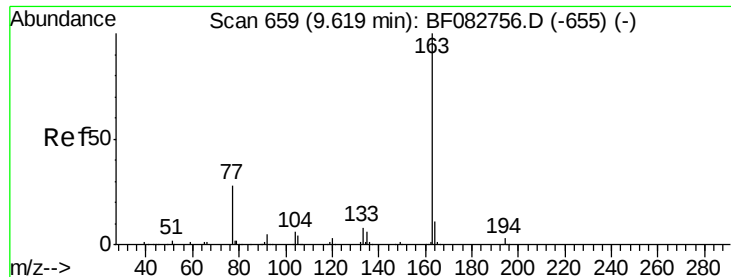
Tot Ion:330 Resp: 438058
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 37.5 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 95.24 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.10 min
 Lab File: BF082983.D
 Acq: 17 Nov 2015 23:30

Tgt Ion:172 Resp: 2142706
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.8 46.2
 170 24.4 21.2 31.8

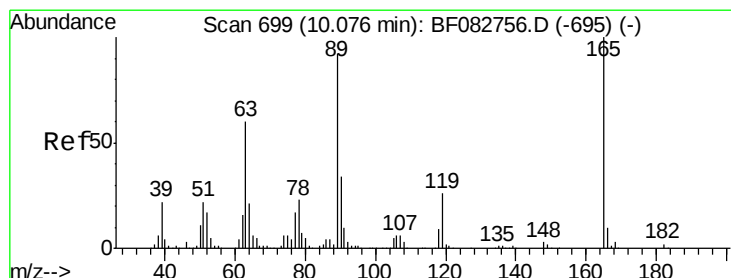
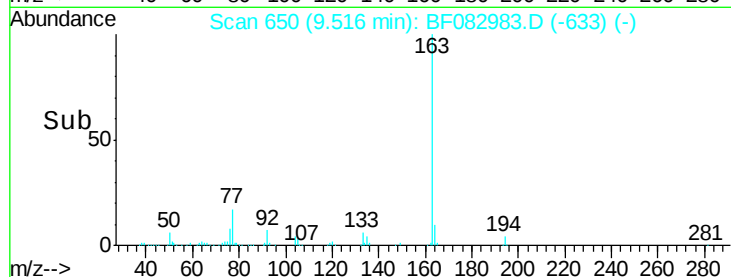
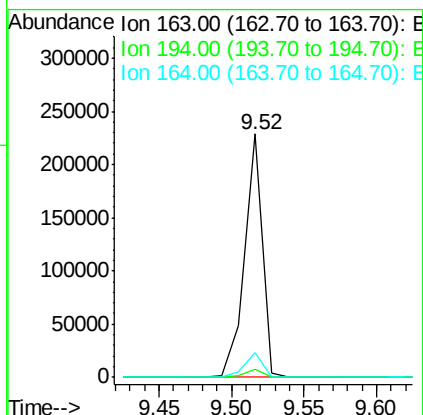
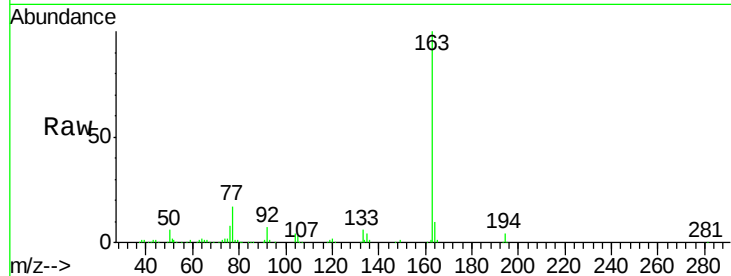




#49
Dimethylphthalate
Concen: 7.39 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.10 min
Lab File: BF082983.D
Acq: 17 Nov 2015 23:30

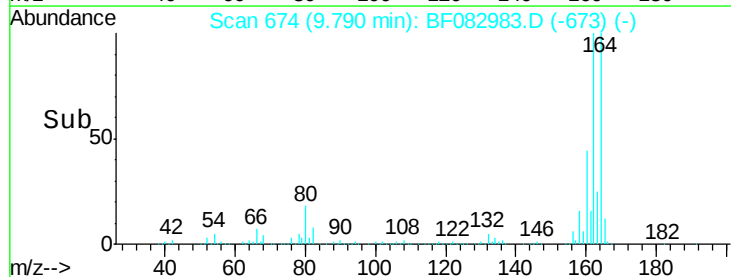
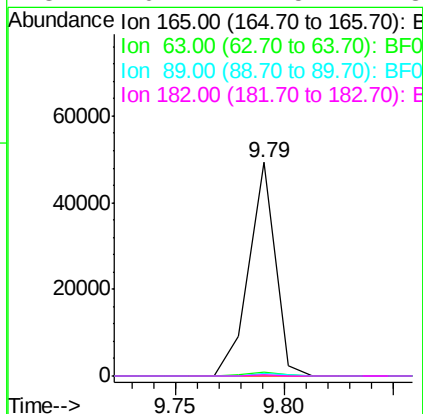
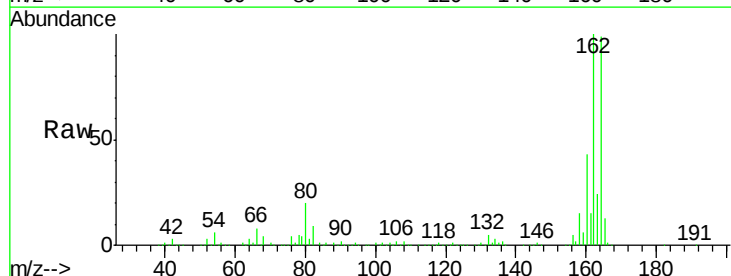
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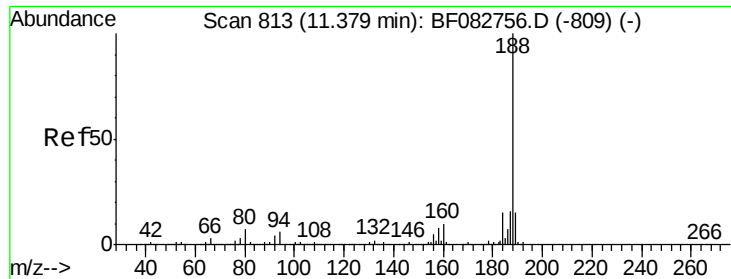
Tot Ion:163 Resp: 195192
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.9 8.7 13.1



#56
2,4-Dinitrotoluene
Concen: 5.44 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.29 min
Lab File: BF082983.D
Acq: 17 Nov 2015 23:30

Tgt Ion:165 Resp: 41630
Ion Ratio Lower Upper
165 100
63 1.8 43.4 65.0#
89 1.4 70.6 106.0#
182 0.7 1.5 2.3#

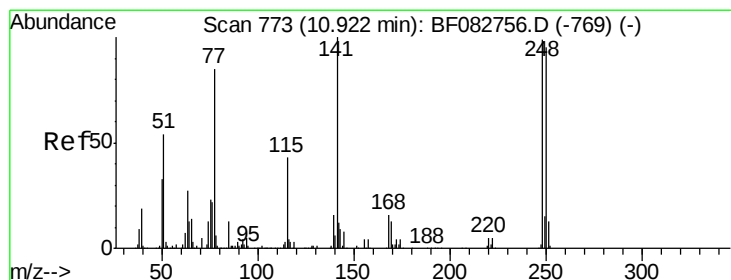
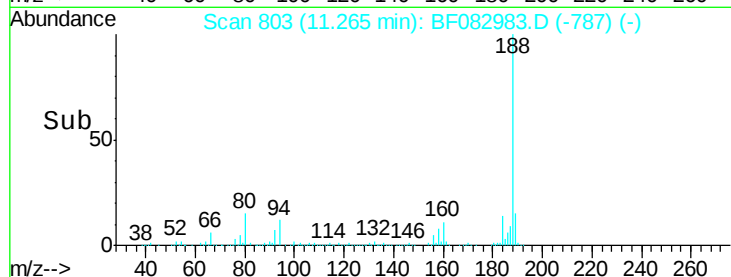
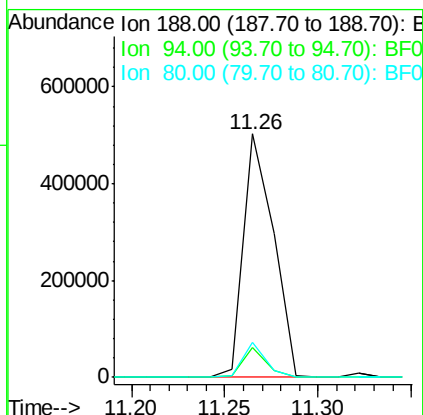
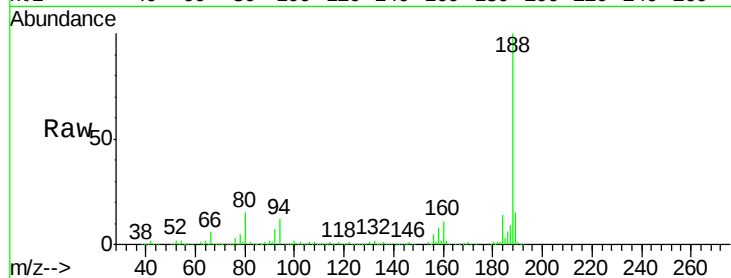




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.11 min
Lab File: BF082983.D
Acq: 17 Nov 2015 23:30

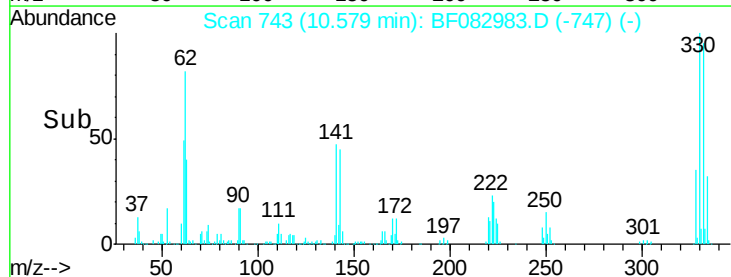
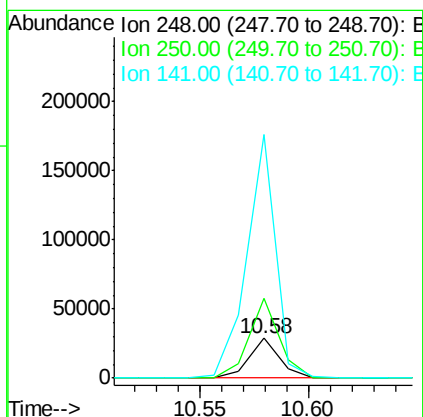
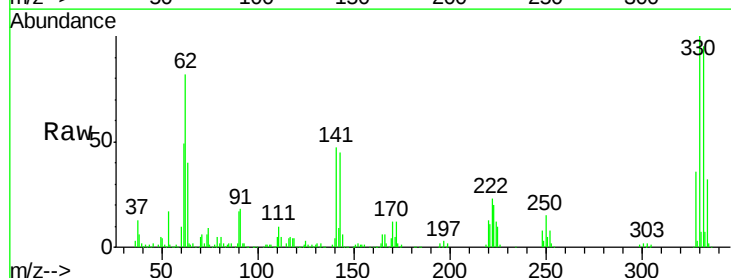
Instrument :
BNA_F
ClientSampleId :

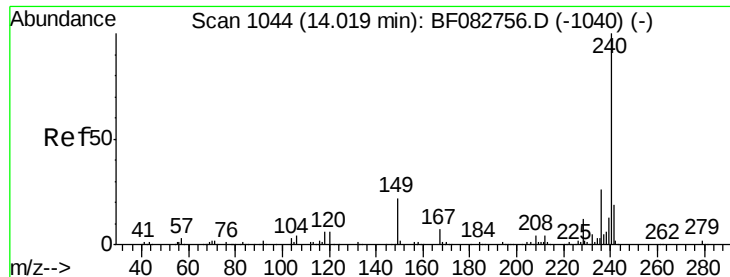
Tot Ion:188 Resp: 563093
Ion Ratio Lower Upper
188 100
94 12.3 6.1 9.1#
80 14.5 7.0 10.6#



#66
4-Bromophenyl-phenylether
Concen: 4.11 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.34 min
Lab File: BF082983.D
Acq: 17 Nov 2015 23:30

Tgt Ion:248 Resp: 27879
Ion Ratio Lower Upper
248 100
250 197.8 79.4 119.2#
141 607.9 36.3 54.5#





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.11 min

Lab File: BF082983.D

Acq: 17 Nov 2015 23:30

Instrument :

BNA_F

ClientSampleId :

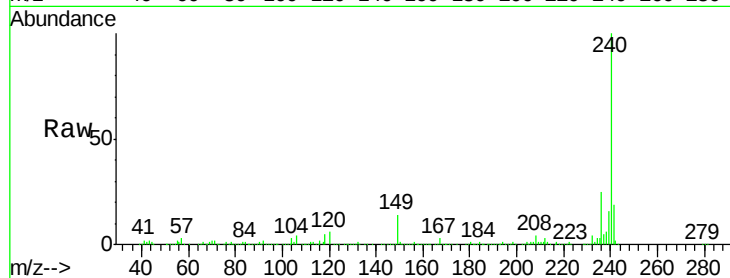
Tot Ion:240 Resp: 515430

Ion Ratio Lower Upper

240 100

120 5.6 10.9 16.3#

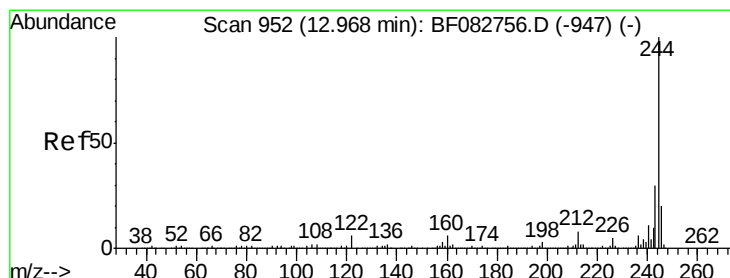
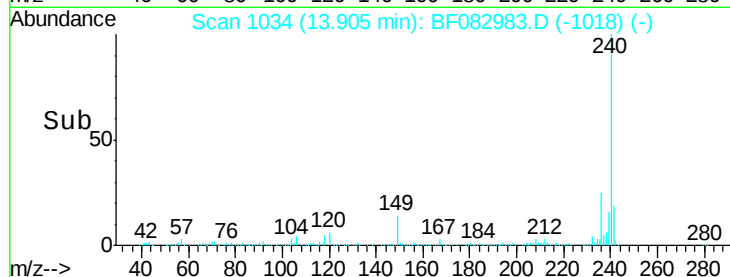
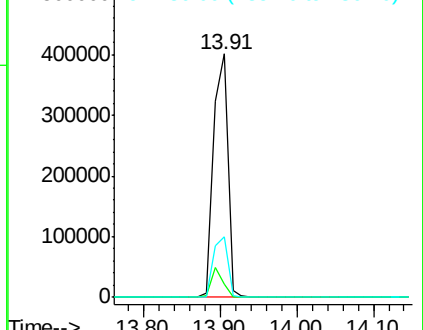
236 24.8 21.6 32.4



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: 98.47 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.10 min

Lab File: BF082983.D

Acq: 17 Nov 2015 23:30

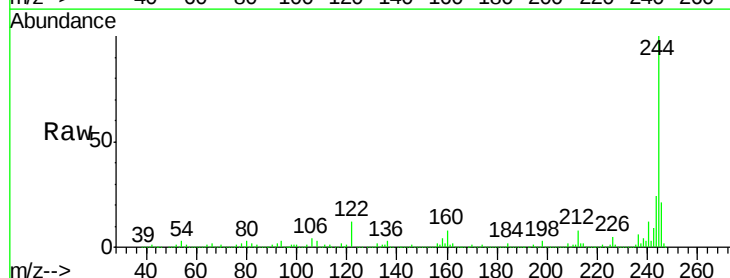
Tgt Ion:244 Resp: 2139868

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

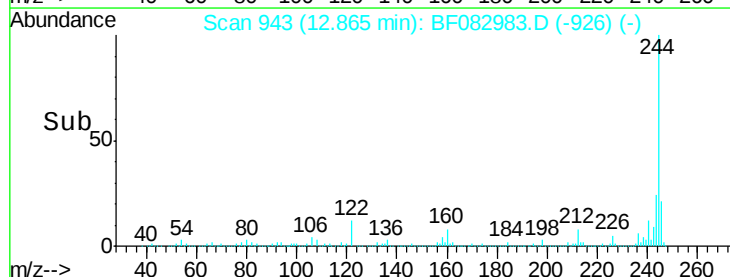
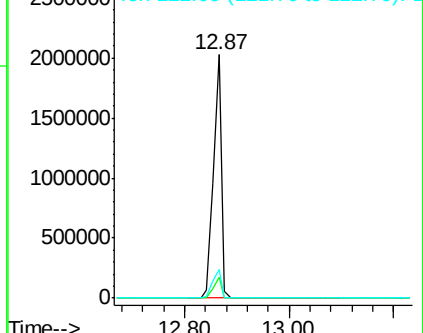
122 11.8 11.3 16.9

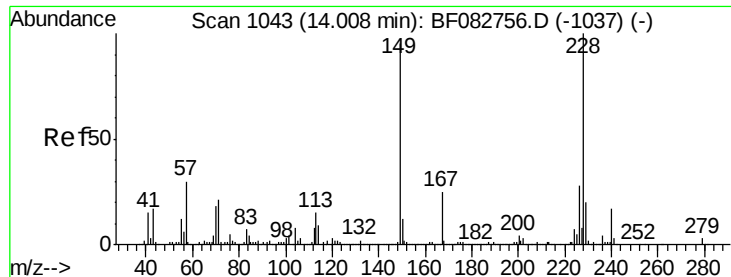


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.44 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.10 min

Lab File: BF082983.D

Acq: 17 Nov 2015 23:30

Instrument :

BNA_F

ClientSampleId :

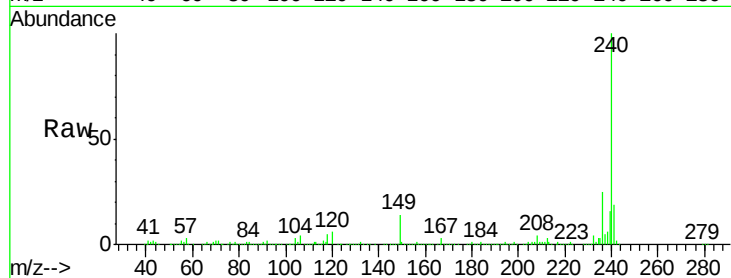
Tot Ion:149 Resp: 52223

Ion Ratio Lower Upper

149 100

167 24.0 21.2 31.8

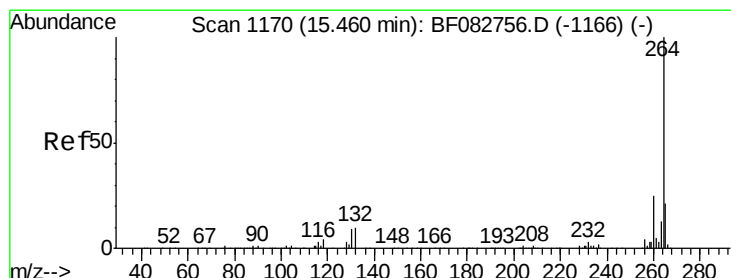
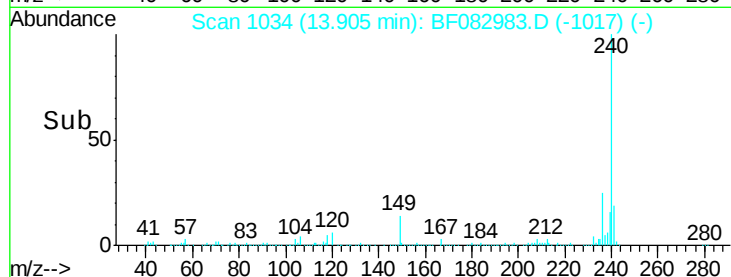
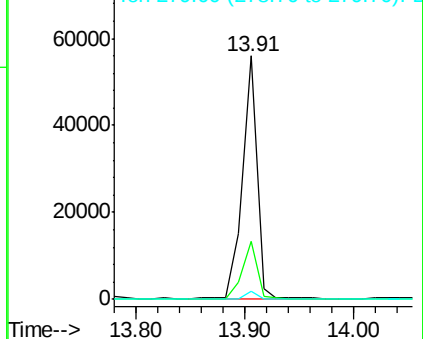
279 3.3 2.2 3.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.30 min Scan# 1156

Delta R.T. -0.16 min

Lab File: BF082983.D

Acq: 17 Nov 2015 23:30

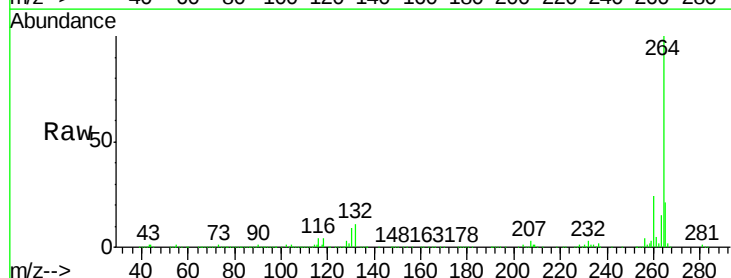
Tgt Ion:264 Resp: 381686

Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

265 21.0 17.4 26.0



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

