

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
 Data File : BF084941.D
 Acq On : 8 Feb 2016 21:06
 Operator : SJ/IZ
 Sample : H1329-01 25X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B007(1-2)

Quant Time: Feb 09 02:38:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

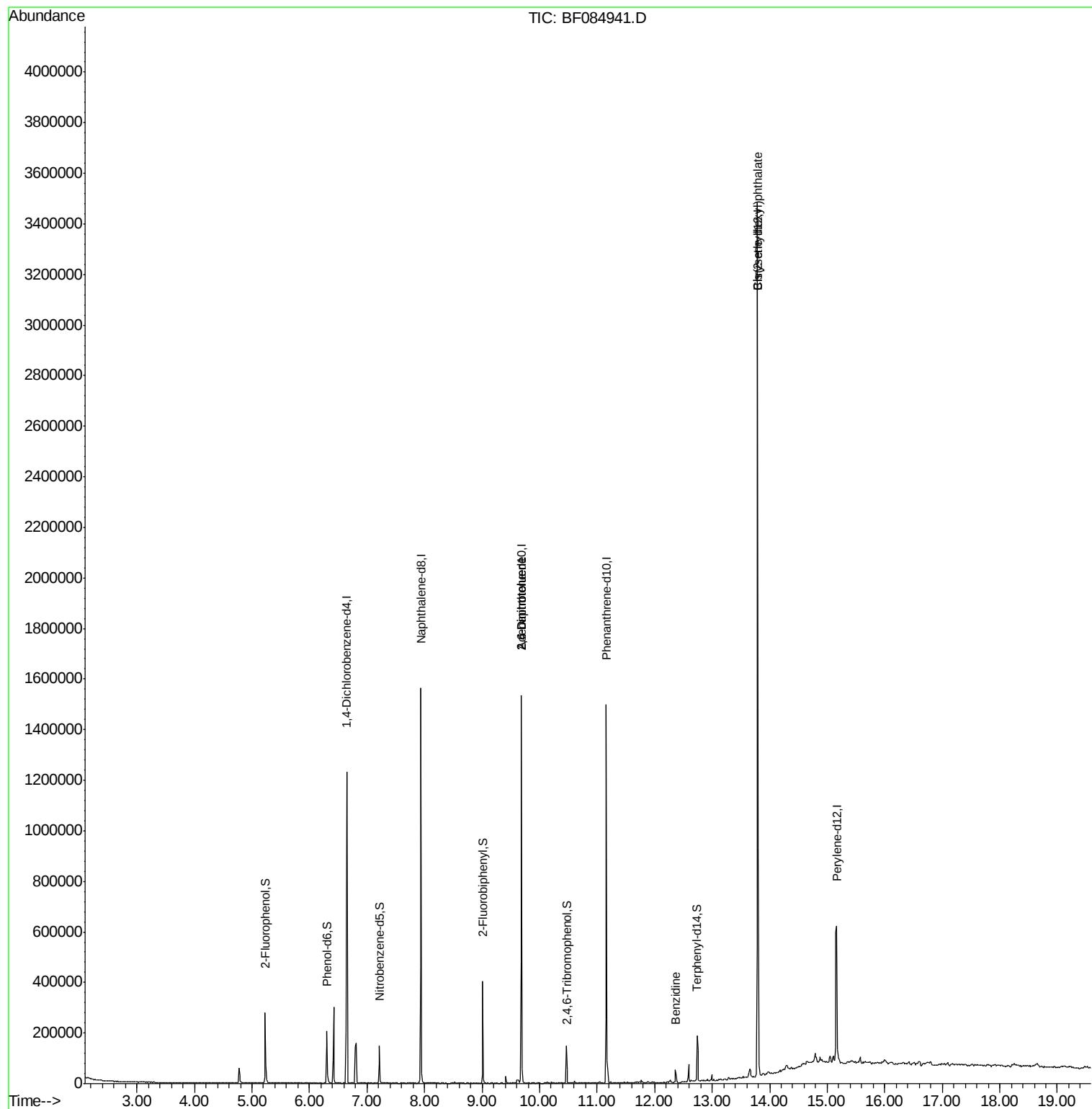
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	169812	20.00	ng	-0.03
21) Naphthalene-d8	7.94	136	720042	20.00	ng	-0.03
38) Acenaphthene-d10	9.69	164	305509	20.00	ng	-0.05
63) Phenanthrene-d10	11.16	188	506799	20.00	ng	-0.05
75) Chrysene-d12	13.79	240	332211	20.00	ng	-0.05
86) Perylene-d12	15.16	264	296663	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	80591	7.39	ng	-0.05
7) Phenol-d6	6.30	99	98364	7.28	ng	-0.03
23) Nitrobenzene-d5	7.22	82	55737	4.36	ng	-0.05
41) 2,4,6-Tribromophenol	10.48	330	17889	5.61	ng	-0.05
44) 2-Fluorobiphenyl	9.01	172	115490	3.86	ng	-0.05
78) Terphenyl-d14	12.74	244	70673	4.82	ng	-0.06
Target Compounds						
50) 2,6-Dinitrotoluene	9.69	165	39041	7.68	ng	# 37
56) 2,4-Dinitrotoluene	9.69	165	39041	6.02	ng	# 21
76) Benzidine	12.36	184	938	6.94	ng	# 66
83) Bis(2-ethylhexyl)phthalate	13.79	149	713340	49.68	ng	99

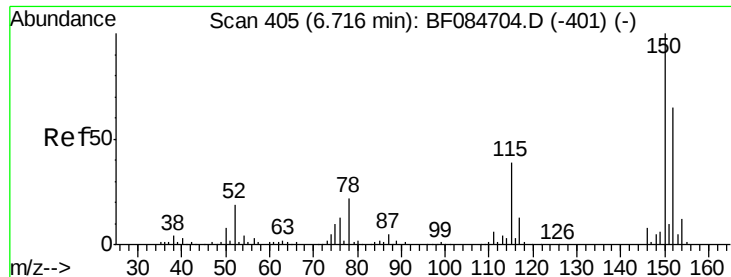
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.03 min

Lab File: BF084941.D

Acq: 8 Feb 2016 21:06

Instrument :

BNA_F

ClientSampleId :

S4-B007(1-2)

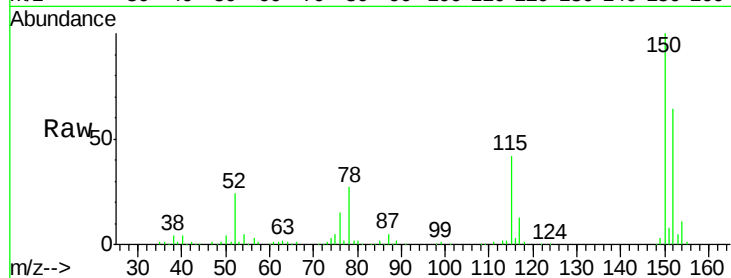
Tgt Ion:152 Resp: 169812

Ion Ratio Lower Upper

152 100

150 156.6 123.0 184.4

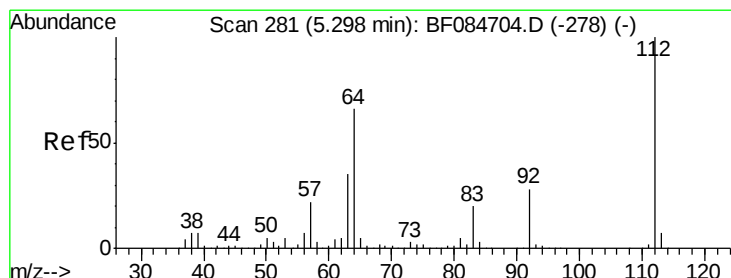
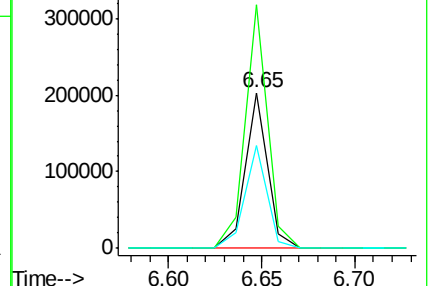
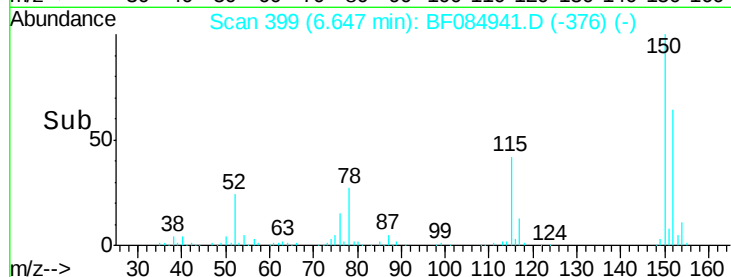
115 66.1 51.4 77.2



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: 7.39 ng

RT: 5.23 min Scan# 275

Delta R.T. -0.05 min

Lab File: BF084941.D

Acq: 8 Feb 2016 21:06

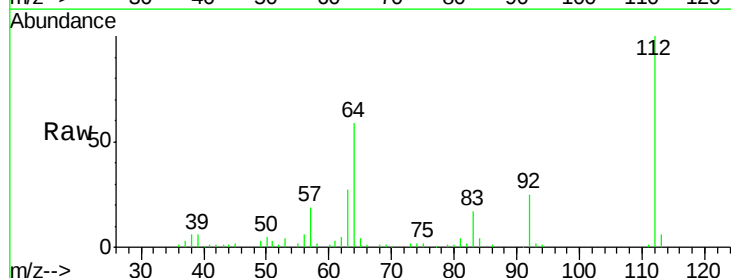
Tgt Ion:112 Resp: 80591

Ion Ratio Lower Upper

112 100

64 58.7 36.6 55.0#

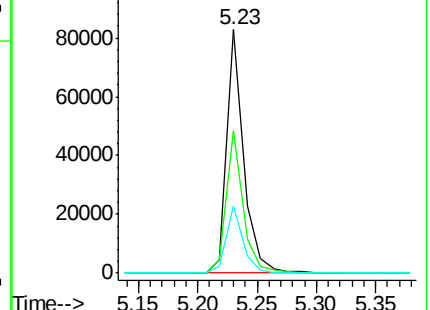
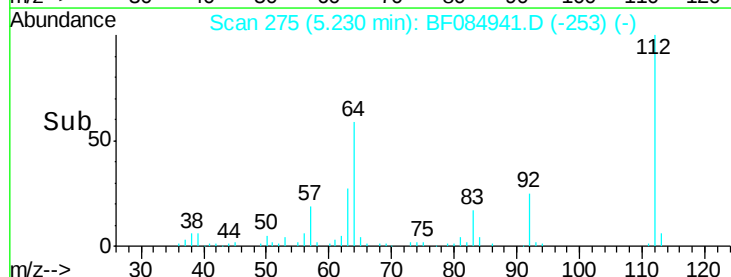
63 27.3 19.4 29.0

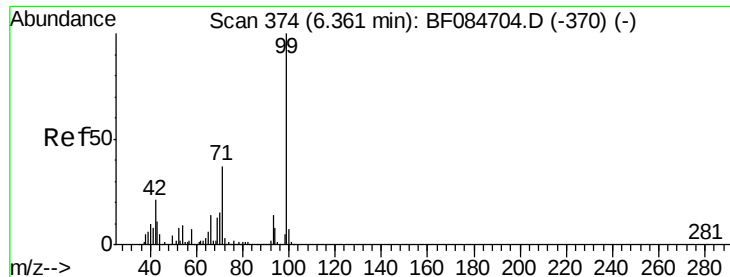


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 7.28 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.03 min

Lab File: BF084941.D

Acq: 8 Feb 2016 21:06

Instrument :

BNA_F

ClientSampleId :

S4-B007(1-2)

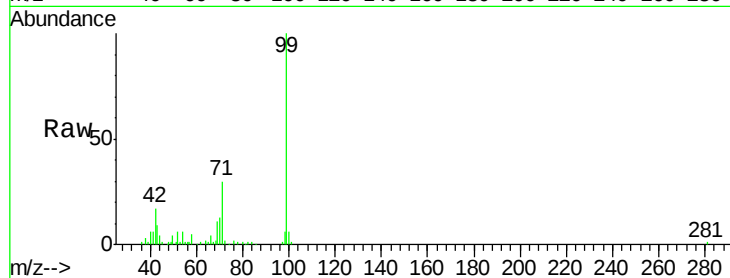
Tgt Ion: 99 Resp: 98364

Ion Ratio Lower Upper

99 100

42 17.5 12.8 19.2

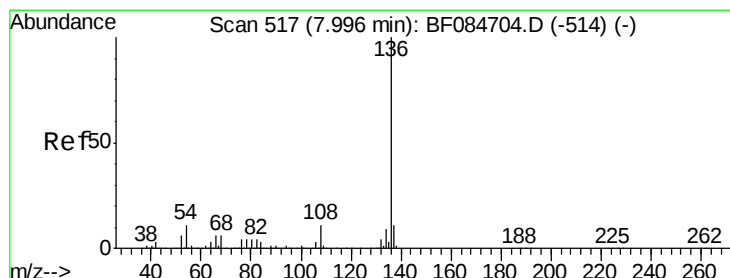
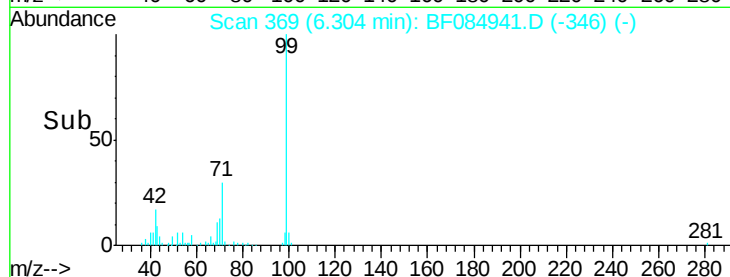
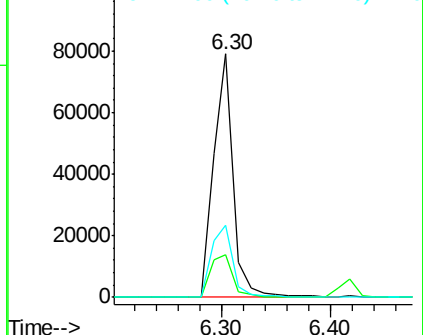
71 29.8 30.9 46.3#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF084941.D

Acq: 8 Feb 2016 21:06

Tgt Ion: 136 Resp: 720042

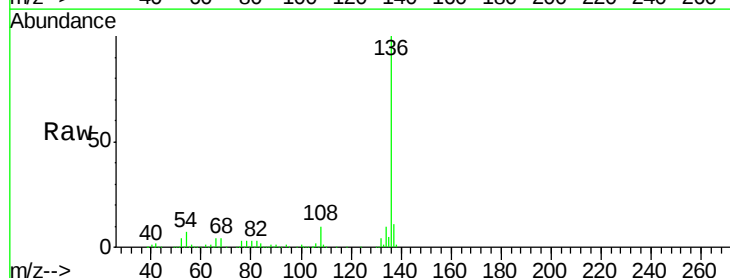
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.2 5.8 8.8

68 4.1 4.2 6.2#

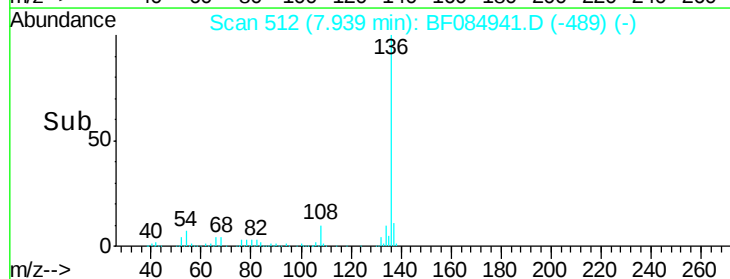
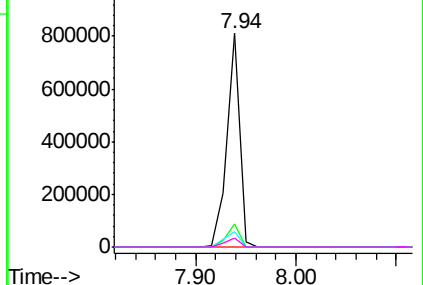


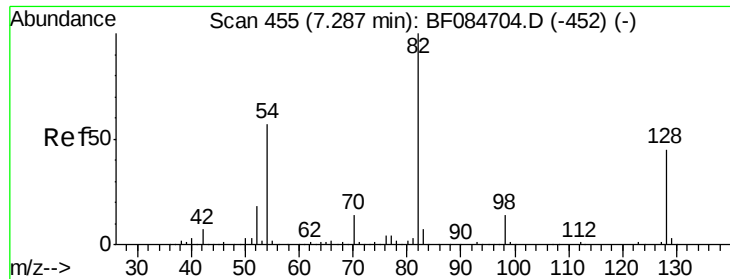
Abundance Ion 136.00 (135.70 to 136.70): E

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

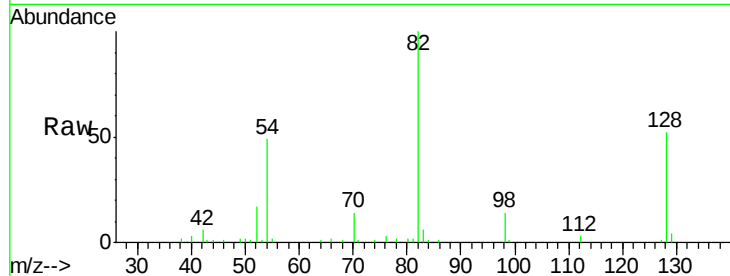




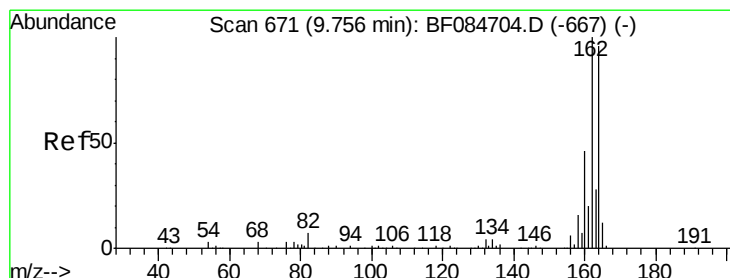
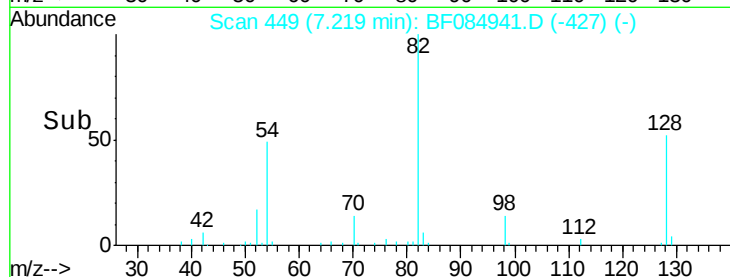
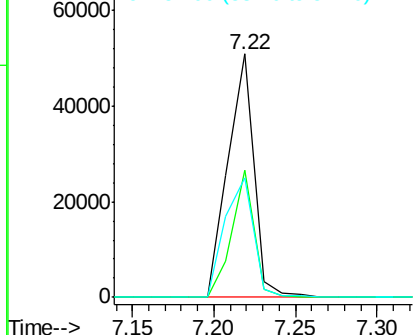
#23
 Nitrobenzene-d5
 Concen: 4.36 ng
 RT: 7.22 min Scan# 449
 Delta R.T. -0.05 min
 Lab File: BF084941.D
 Acq: 8 Feb 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 S4-B007(1-2)

Tgt Ion: 82 Resp: 55737
 Ion Ratio Lower Upper
 82 100
 128 52.0 34.6 51.8#
 54 49.3 38.4 57.6

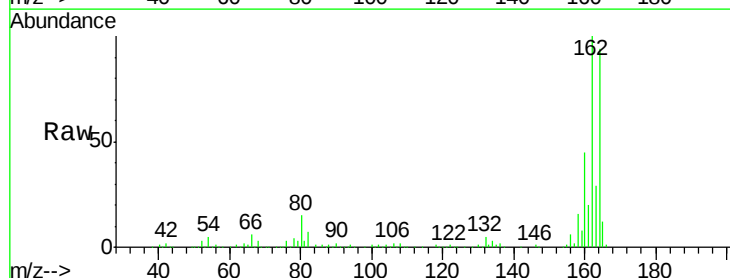


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

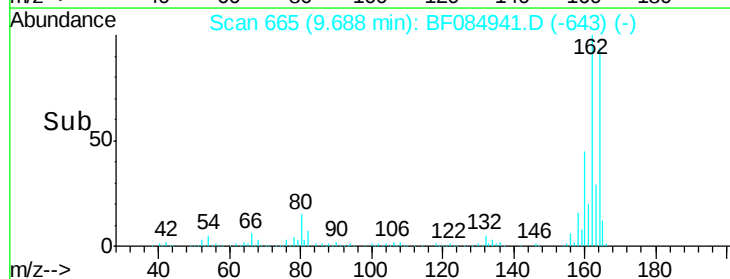
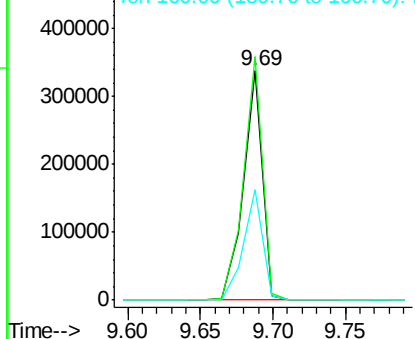


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 665
 Delta R.T. -0.05 min
 Lab File: BF084941.D
 Acq: 8 Feb 2016 21:06

Tgt Ion: 164 Resp: 305509
 Ion Ratio Lower Upper
 164 100
 162 106.3 85.1 127.7
 160 48.3 37.5 56.3



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

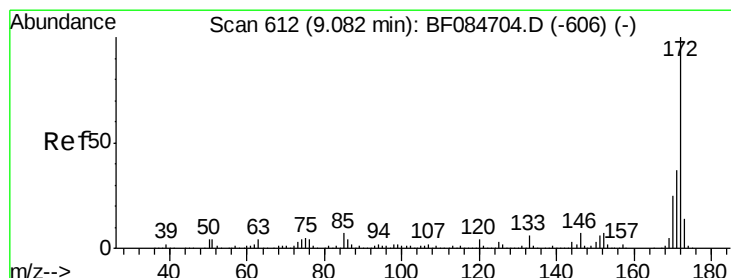
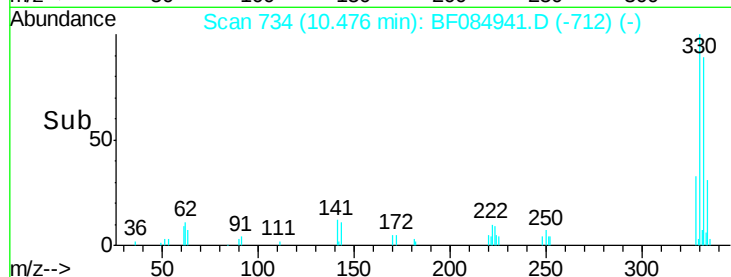
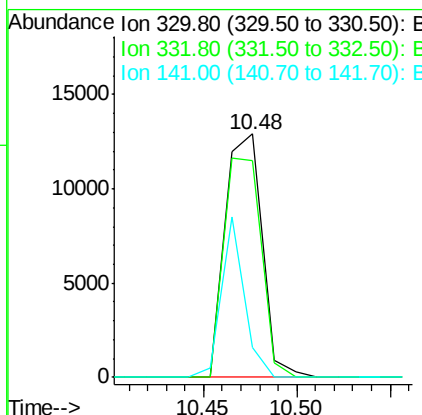
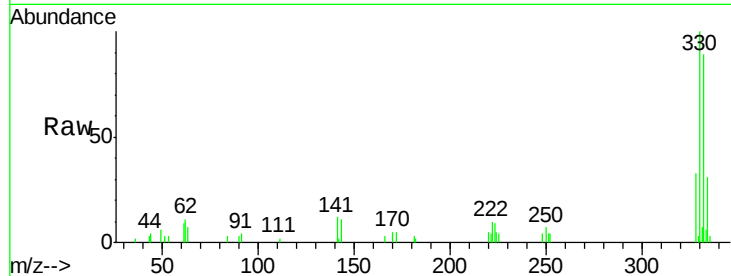




#41
 2,4,6-Tribromophenol
 Concen: 5.61 ng
 RT: 10.48 min Scan# 734
 Delta R.T. -0.05 min
 Lab File: BF084941.D
 Acq: 8 Feb 2016 21:06

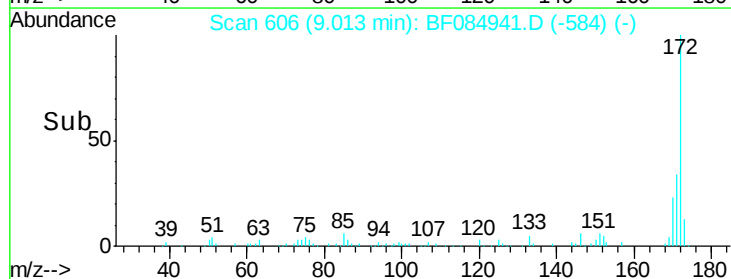
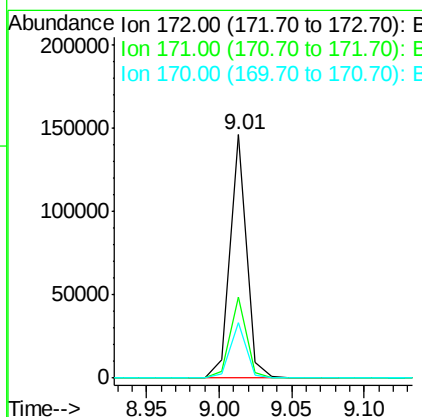
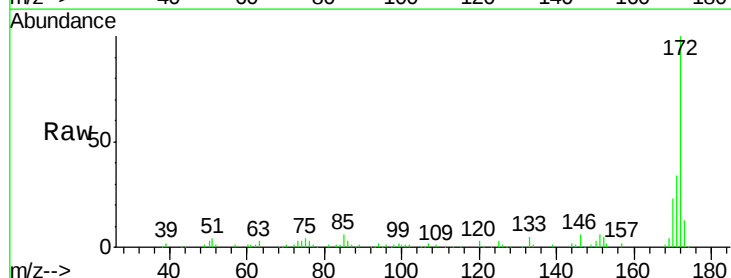
Instrument :
 BNA_F
 ClientSampleId :
 S4-B007(1-2)

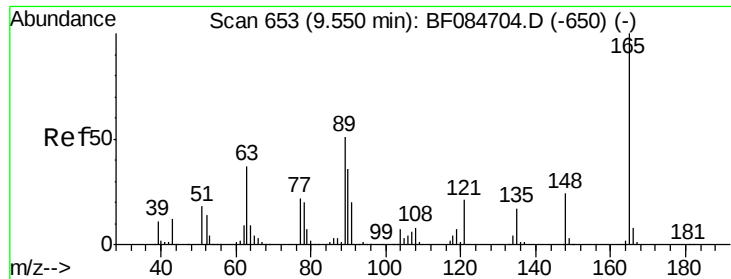
Tgt Ion:330 Resp: 17889
 Ion Ratio Lower Upper
 330 100
 332 91.6 76.6 114.8
 141 40.5 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 3.86 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF084941.D
 Acq: 8 Feb 2016 21:06

Tgt Ion:172 Resp: 115490
 Ion Ratio Lower Upper
 172 100
 171 33.5 28.9 43.3
 170 22.7 18.6 27.8

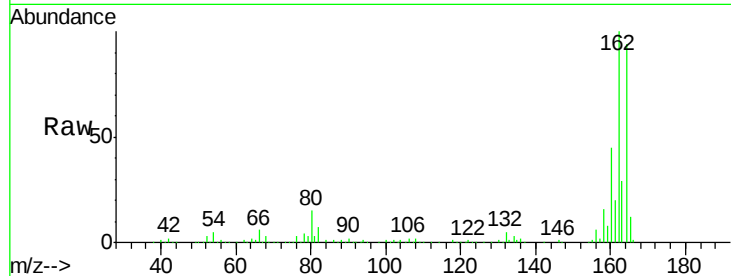




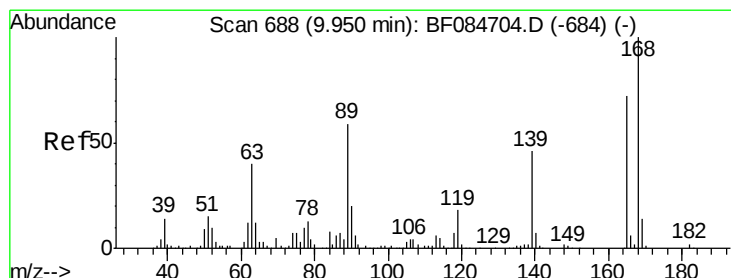
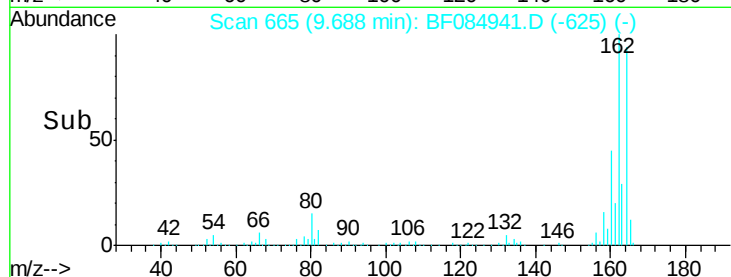
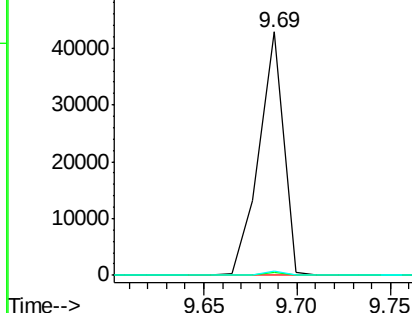
#50
 2,6-Dinitrotoluene
 Concen: 7.68 ng
 RT: 9.69 min Scan# 665
 Delta R.T. 0.16 min
 Lab File: BF084941.D
 Acq: 8 Feb 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 S4-B007(1-2)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	28.8	43.2#
89	1.5	35.1	52.7#



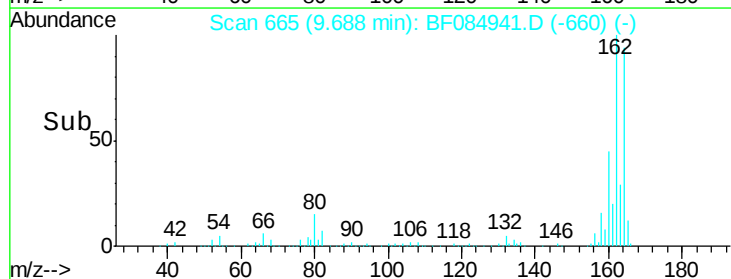
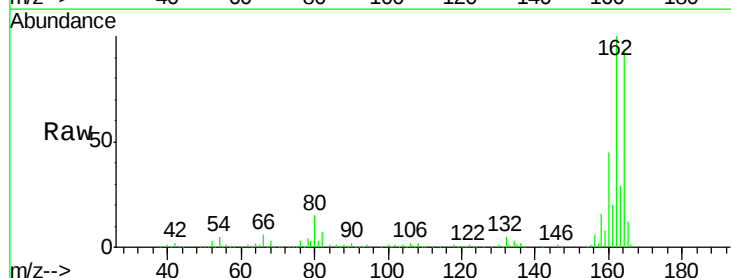
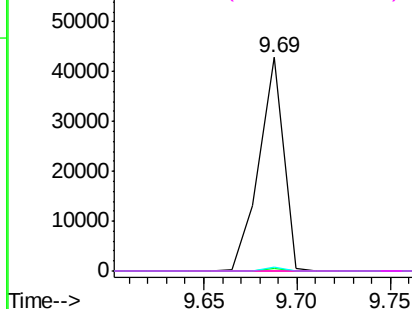
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

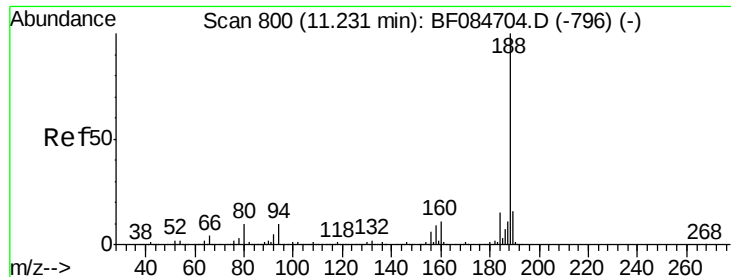


#56
 2,4-Dinitrotoluene
 Concen: 6.02 ng
 RT: 9.69 min Scan# 665
 Delta R.T. -0.24 min
 Lab File: BF084941.D
 Acq: 8 Feb 2016 21:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.7	55.1#
89	1.5	61.9	92.9#
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

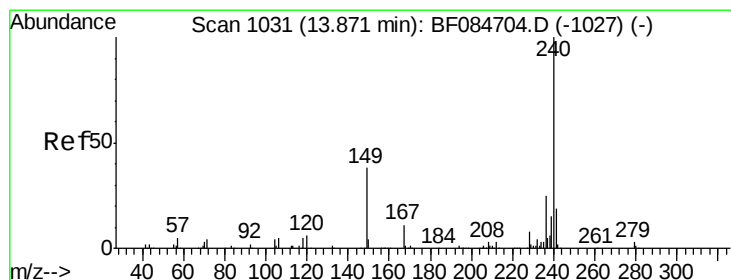
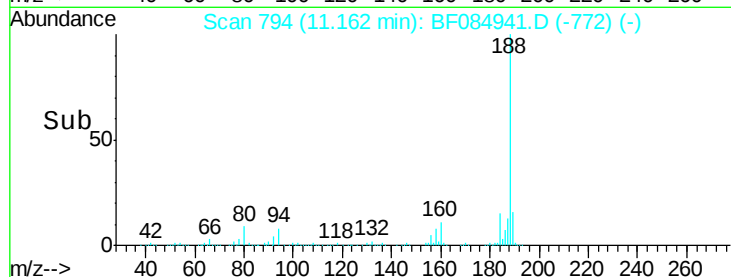
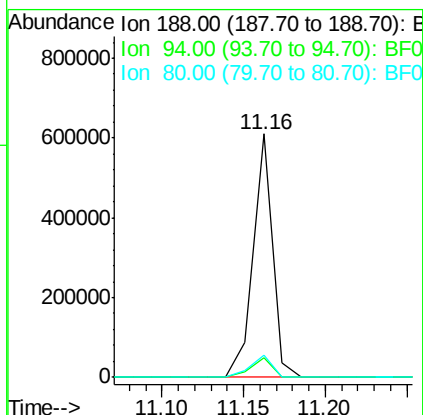
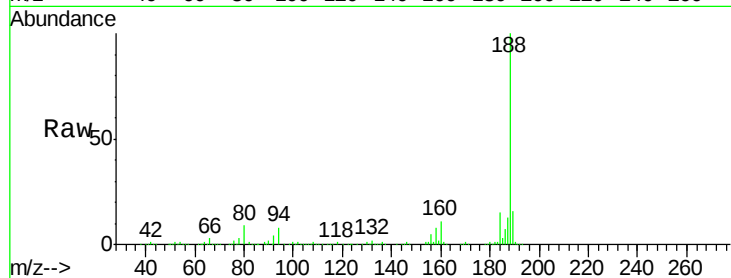




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 794
Delta R.T. -0.05 min
Lab File: BF084941.D
Acq: 8 Feb 2016 21:06

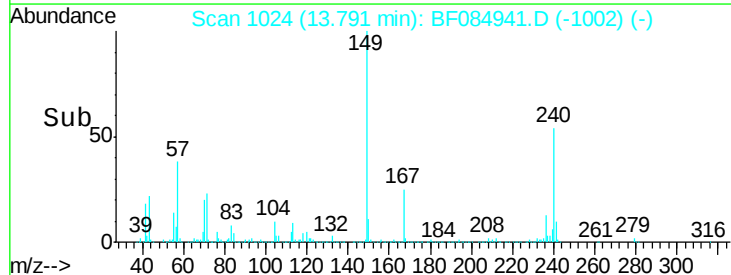
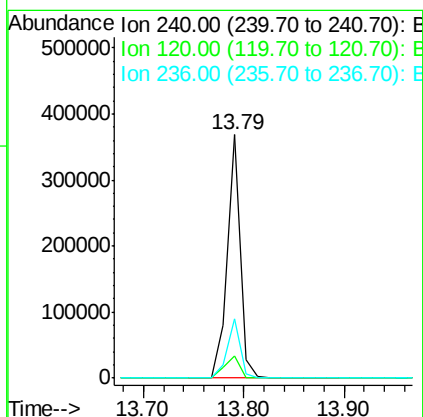
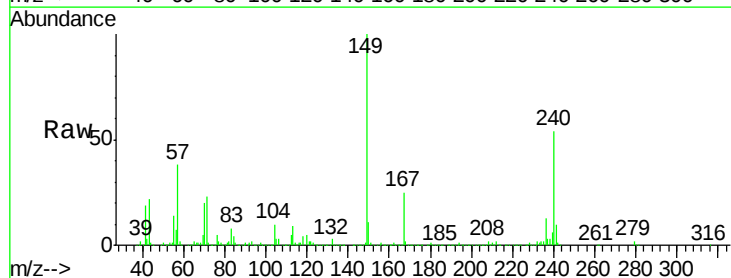
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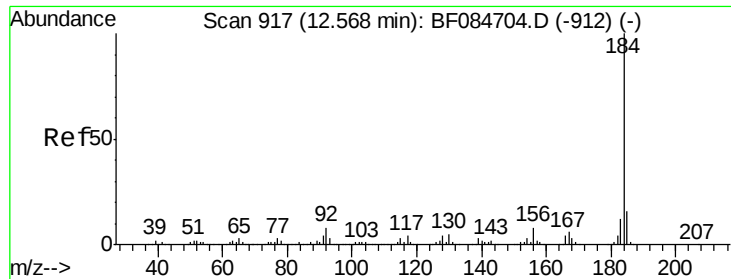
Tgt Ion:188 Resp: 506799
Ion Ratio Lower Upper
188 100
94 8.3 9.0 13.4#
80 8.9 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BF084941.D
Acq: 8 Feb 2016 21:06

Tgt Ion:240 Resp: 332211
Ion Ratio Lower Upper
240 100
120 9.0 9.5 14.3#
236 24.5 20.6 31.0





#76

Benzidine

Concen: 6.94 ng

RT: 12.36 min Scan# 899

Delta R.T. -0.18 min

Lab File: BF084941.D

Acq: 8 Feb 2016 21:06

Instrument :

BNA_F

ClientSampleId :

S4-B007(1-2)

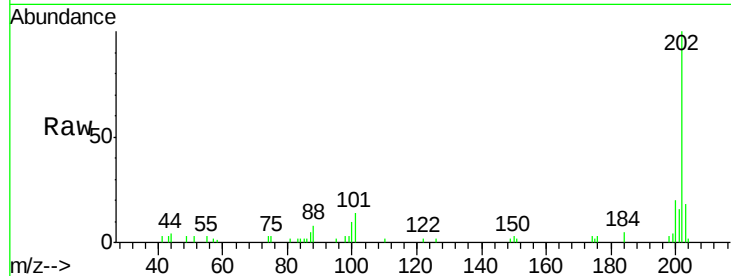
Tgt Ion:184 Resp: 938

Ion Ratio Lower Upper

184 100

185 0.0 12.2 18.2#

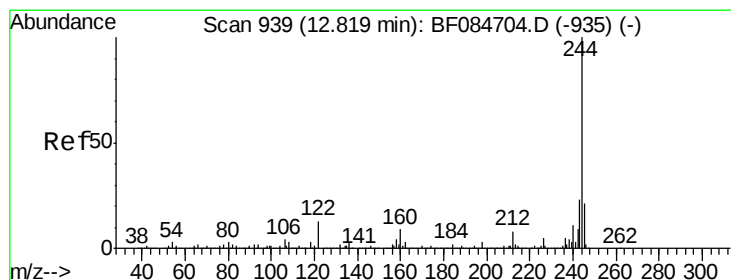
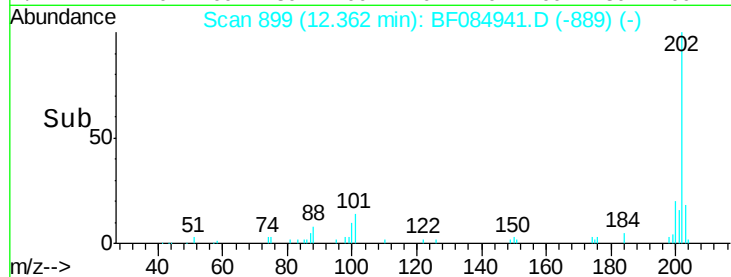
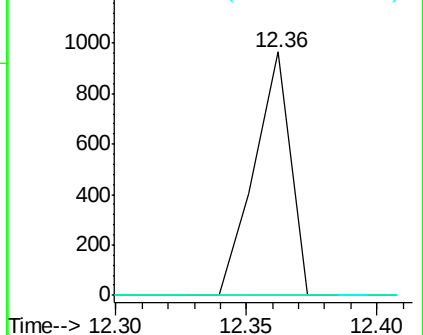
183 0.0 9.8 14.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 4.82 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.06 min

Lab File: BF084941.D

Acq: 8 Feb 2016 21:06

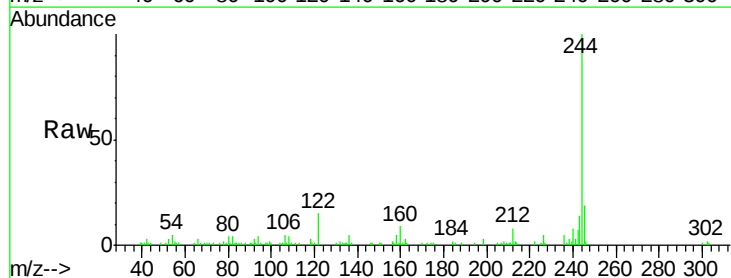
Tgt Ion:244 Resp: 70673

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

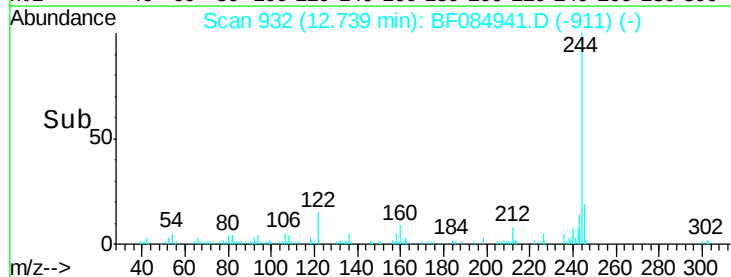
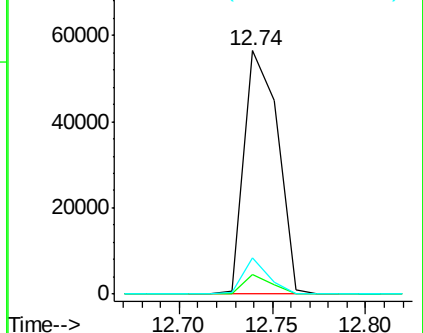
122 14.8 7.4 11.0#

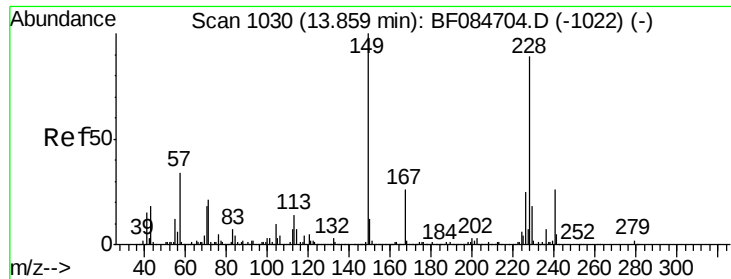


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

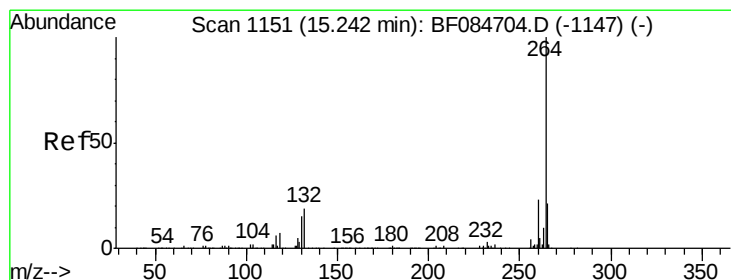
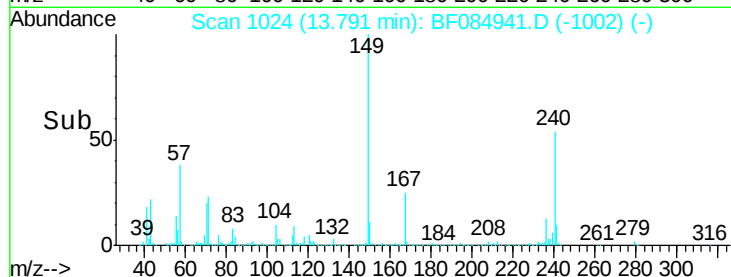
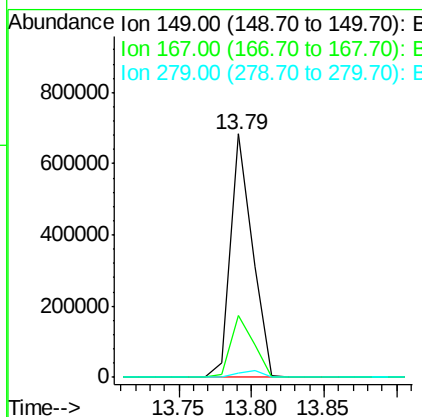
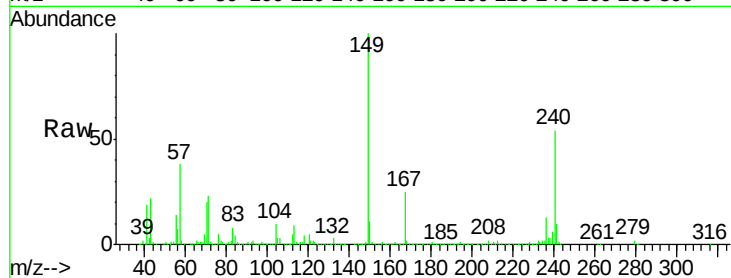




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.68 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.05 min
 Lab File: BF084941.D
 Acq: 8 Feb 2016 21:06

Instrument :
 BNA_F
 ClientSampleId :
 S4-B007(1-2)

Tgt Ion:149 Resp: 713340
 Ion Ratio Lower Upper
 149 100
 167 25.2 19.7 29.5
 279 2.0 1.8 2.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.16 min Scan# 1144
 Delta R.T. -0.05 min
 Lab File: BF084941.D
 Acq: 8 Feb 2016 21:06

Tgt Ion:264 Resp: 296663
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.4 29.2
 265 21.7 17.8 26.6

