

Data Path : Z:\HPCHEM1\BNA F\Data\BF012516\
 Data File : BF084604.D
 Acq On : 25 Jan 2016 13:51
 Operator : SJ/IZ
 Sample : PB87944BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 16:34:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

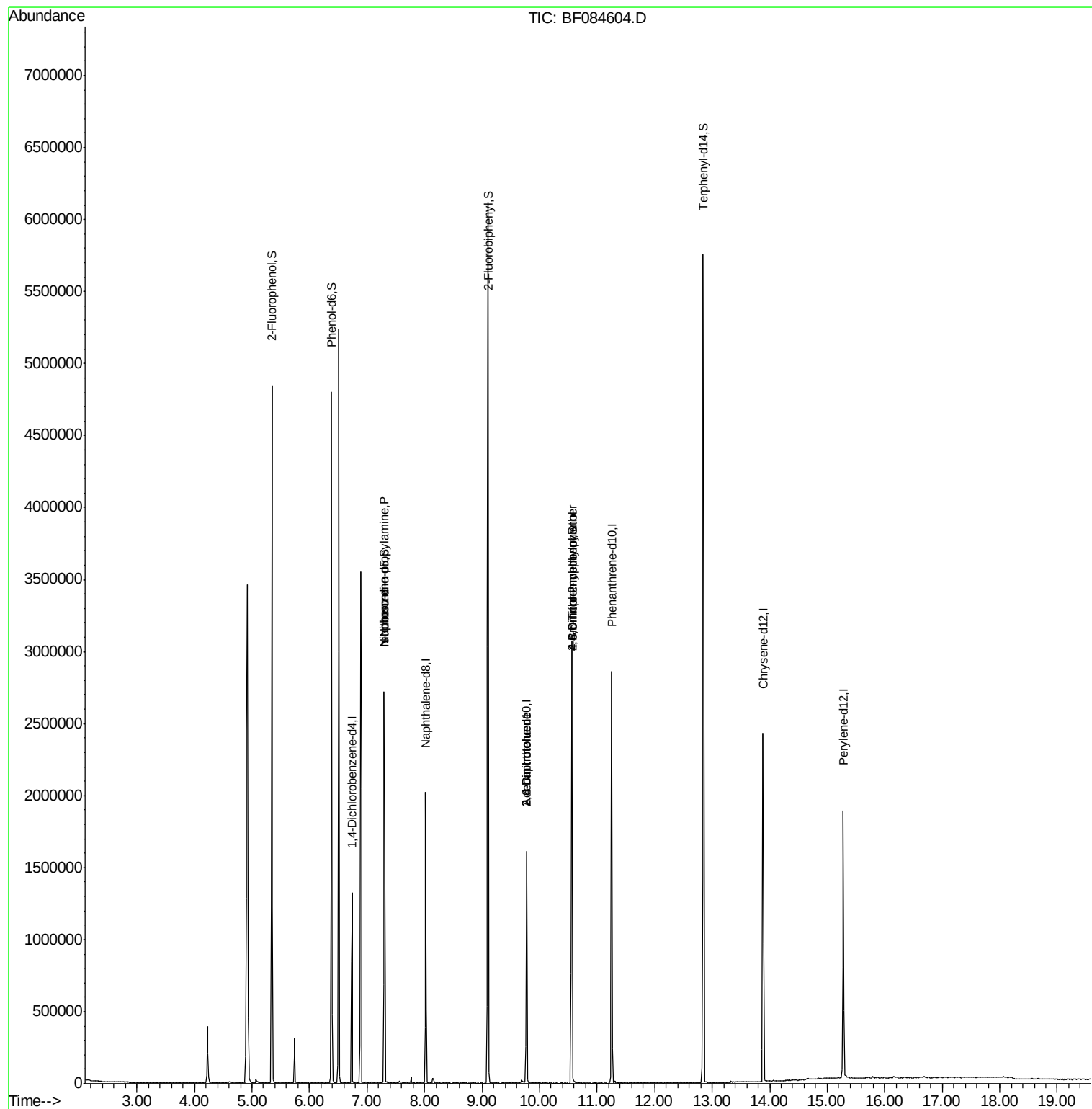
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	243874	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	979219	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	488199	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	998407	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	920967	20.00	ng	-0.01
86) Perylene-d12	15.28	264	826375	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1395026	92.52	ng	0.01
7) Phenol-d6	6.38	99	1634312	86.31	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1150829	65.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	621026	126.00	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2171069	77.69	ng	0.00
78) Terphenyl-d14	12.84	244	2422335	58.71	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	157625	12.30	ng	# 71
25) Isophorone	7.30	82	993582	29.53	ng	# 66
50) 2,6-Dinitrotoluene	9.77	165	64403	8.41	ng	# 38
56) 2,4-Dinitrotoluene	9.77	165	64403	6.65	ng	# 22
57) Fluorene	10.56	166	22769	Below Cal		# 93
64) 4,6-Dinitro-2-methylphenol	10.57	198	1394	6.59	ng	# 52
66) 4-Bromophenyl-phenylether	10.57	248	37760	3.51	ng	# 1
73) Di-n-butylphthalate	11.82	149	2969	Below Cal		# 79

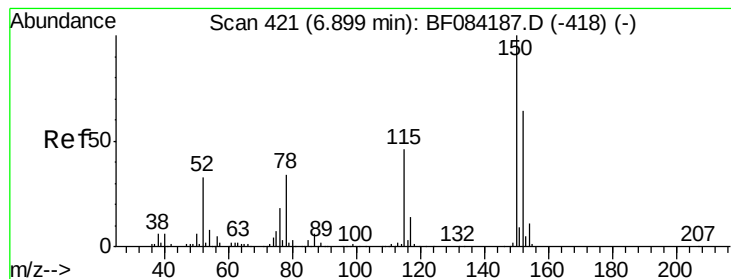
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



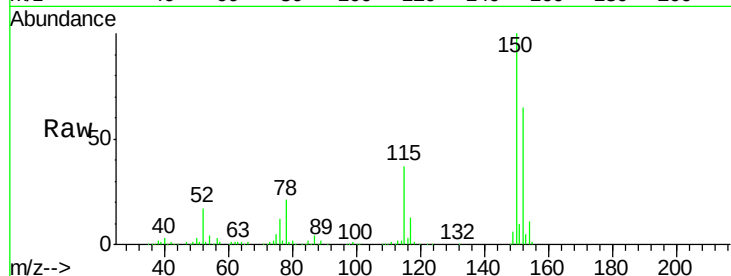


#1

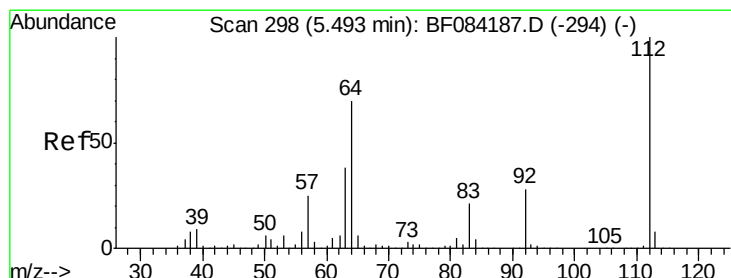
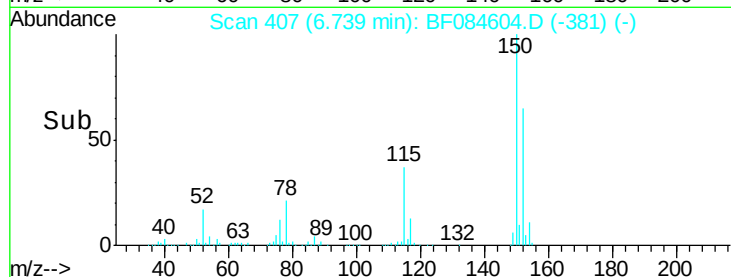
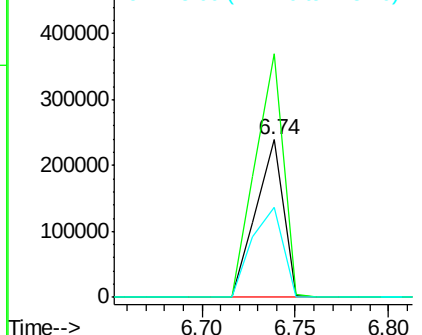
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF084604.D
Acq: 25 Jan 2016 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 243874
Ion Ratio Lower Upper
152 100
150 154.4 123.0 184.4
115 57.2 51.4 77.2



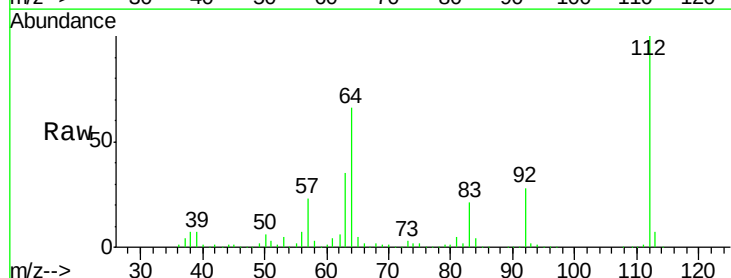
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



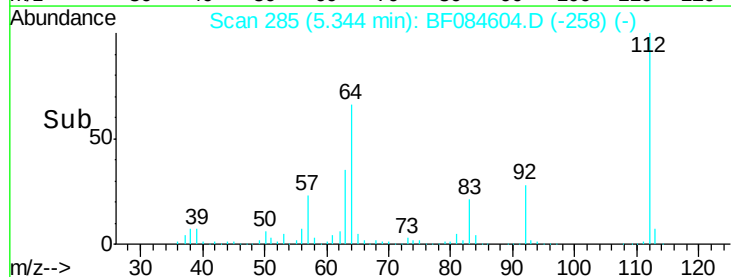
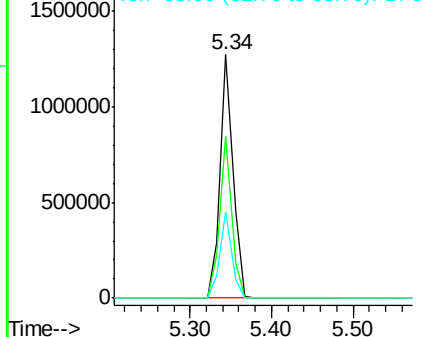
#5

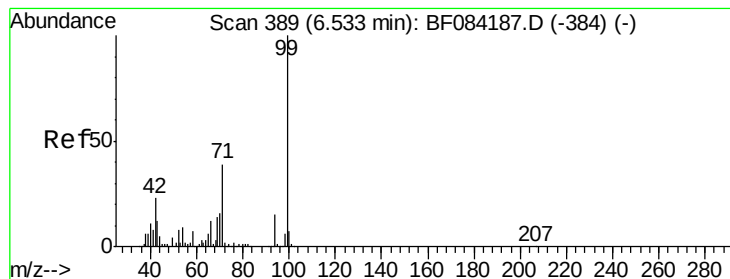
2-Fluorophenol
Concen: 92.52 ng
RT: 5.34 min Scan# 285
Delta R.T. 0.01 min
Lab File: BF084604.D
Acq: 25 Jan 2016 13:51

Tgt Ion:112 Resp: 1395026
Ion Ratio Lower Upper
112 100
64 66.2 36.6 55.0#
63 35.4 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: 86.31 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF084604.D

Acq: 25 Jan 2016 13:51

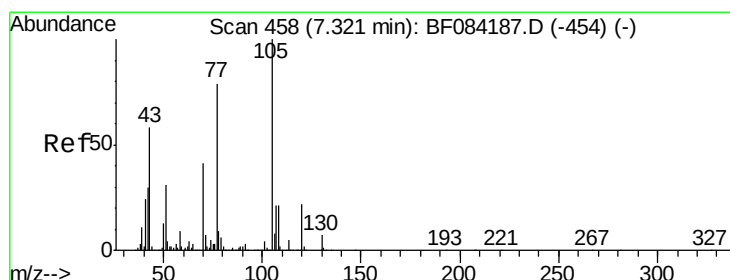
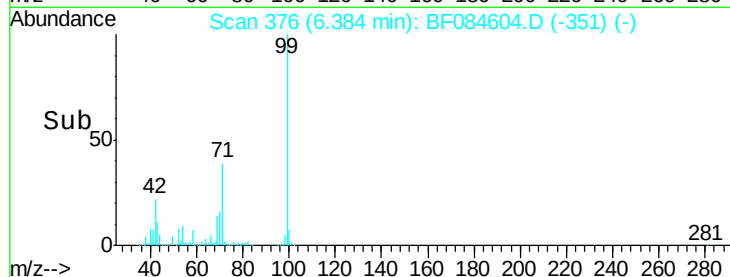
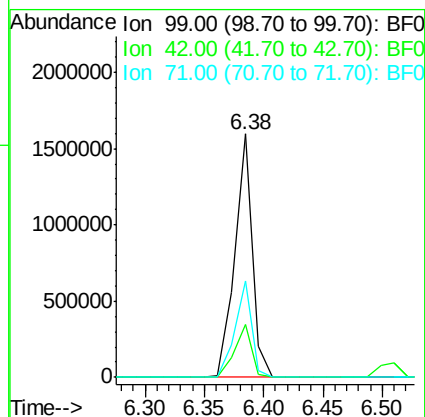
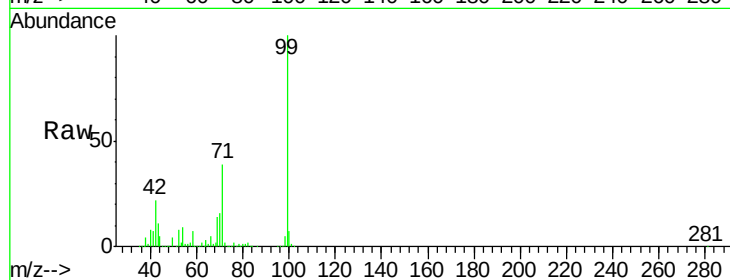
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1634312

Ion	Ratio	Lower	Upper
99	100		
42	21.9	12.8	19.2#
71	39.4	30.9	46.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.30 ng

RT: 7.30 min Scan# 456

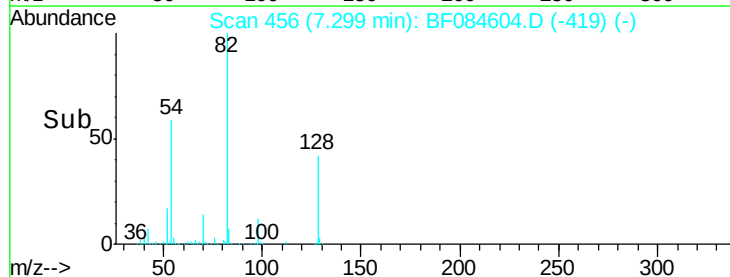
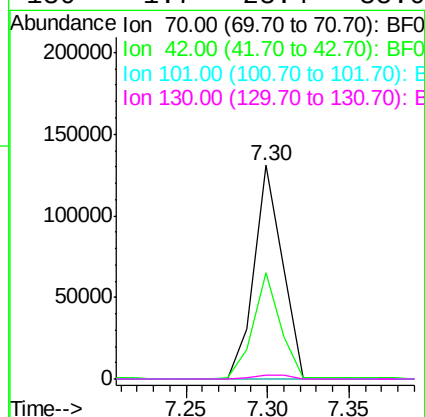
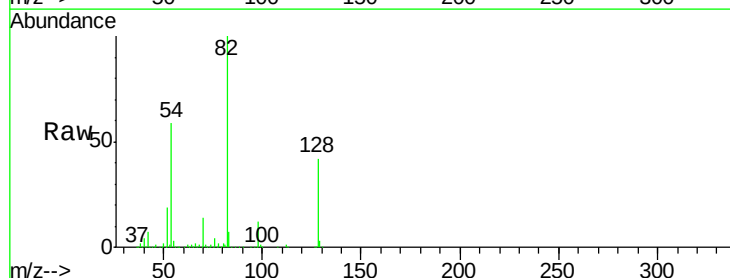
Delta R.T. 0.13 min

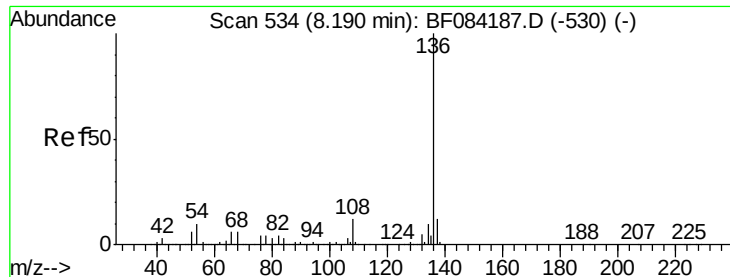
Lab File: BF084604.D

Acq: 25 Jan 2016 13:51

Tgt Ion: 70 Resp: 157625

Ion	Ratio	Lower	Upper
70	100		
42	49.6	33.3	49.9
101	0.0	9.3	13.9#
130	1.7	23.4	35.0#

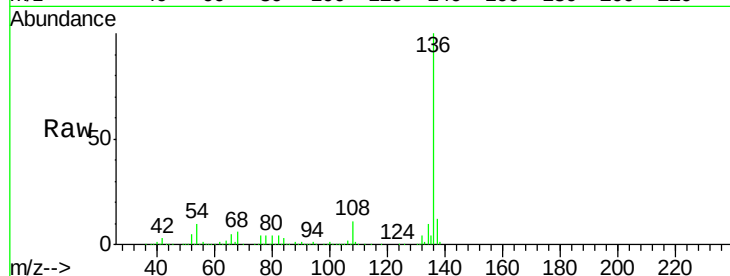




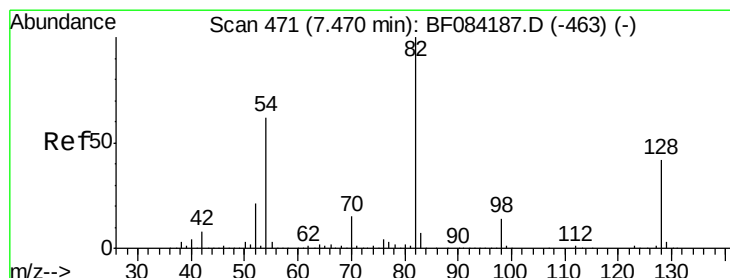
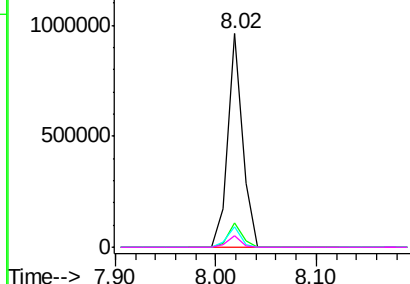
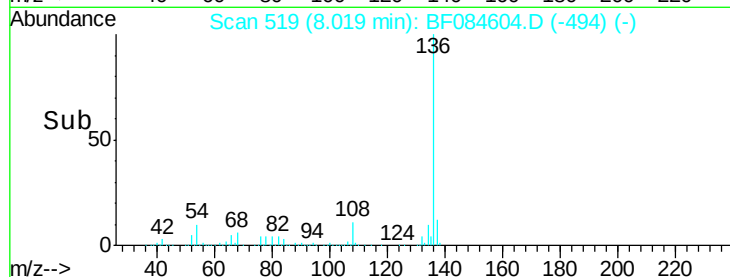
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF084604.D
Acq: 25 Jan 2016 13:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	979219
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.7 13.1
54	9.8	5.8 8.8#
68	5.7	4.2 6.2

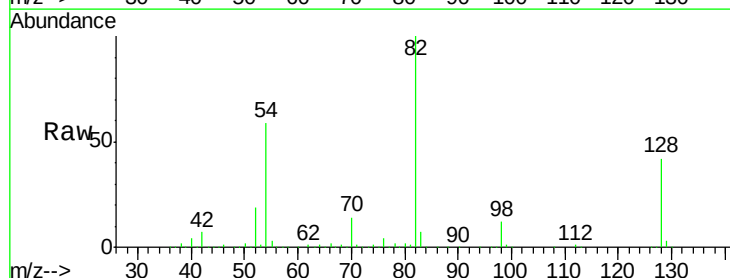


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

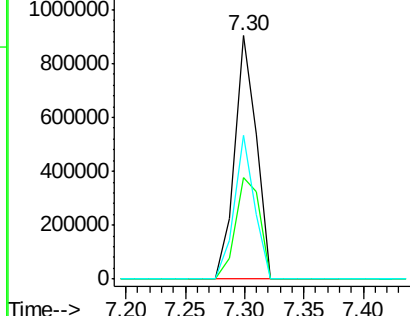
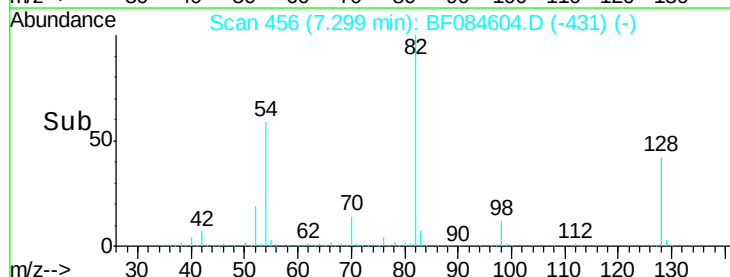


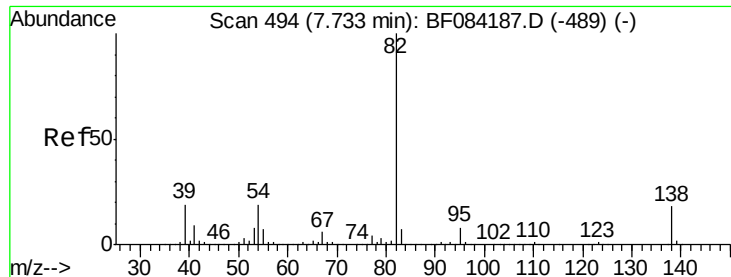
#23
Nitrobenzene-d5
Concen: 65.41 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF084604.D
Acq: 25 Jan 2016 13:51

Tgt Ion: 82	Resp:	1150829
Ion	Ratio	Lower Upper
82	100	
128	41.9	34.6 51.8
54	59.2	38.4 57.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
1200000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 29.53 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.27 min

Lab File: BF084604.D

Acq: 25 Jan 2016 13:51

Instrument :

BNA_F

ClientSampled :

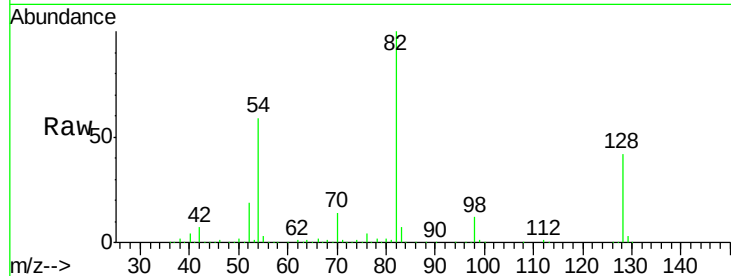
Tot Ion: 82 Resp: 993582

Ion Ratio Lower Upper

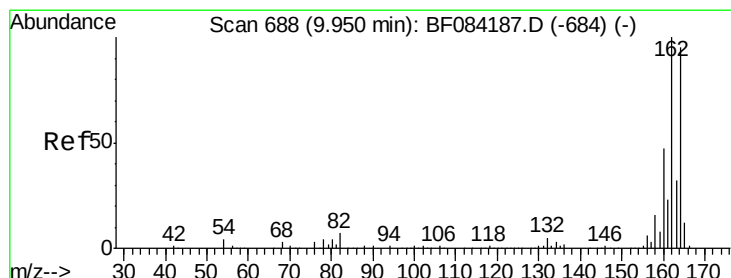
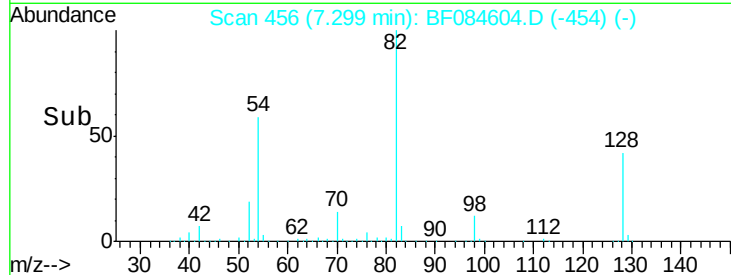
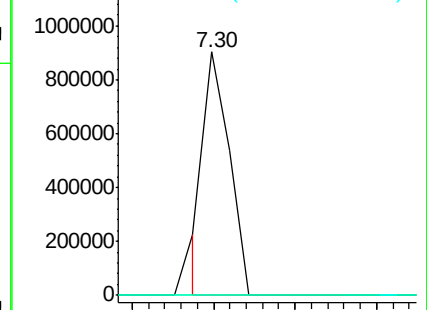
82 100

95 0.0 6.6 10.0#

138 0.0 13.6 20.4#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF084604.D

Acq: 25 Jan 2016 13:51

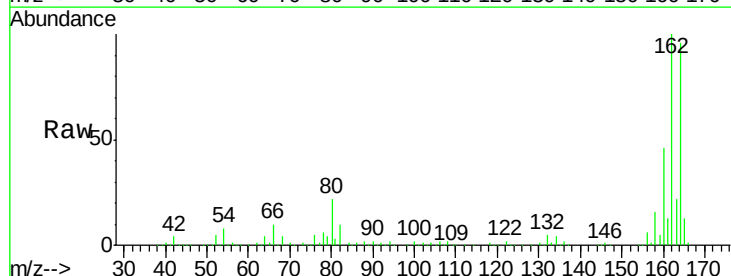
Tgt Ion:164 Resp: 488199

Ion Ratio Lower Upper

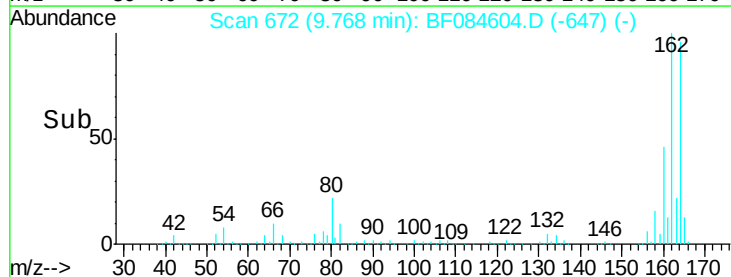
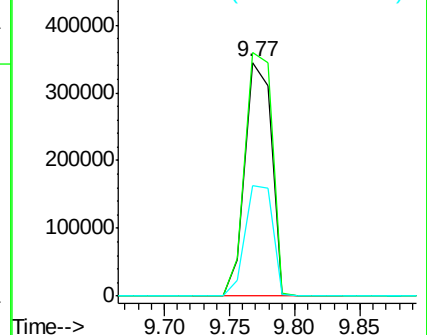
164 100

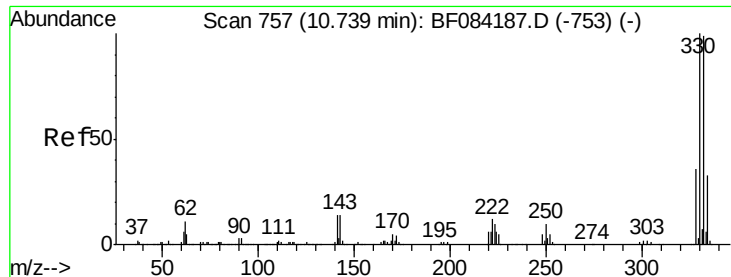
162 104.3 85.1 127.7

160 47.5 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

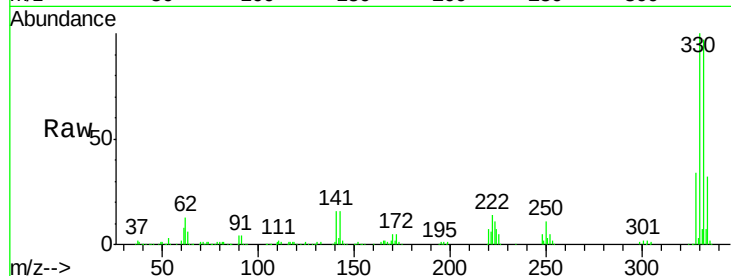




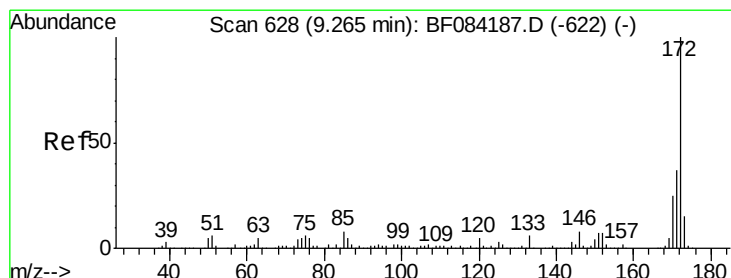
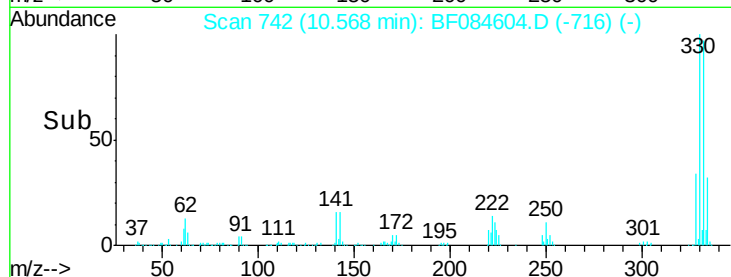
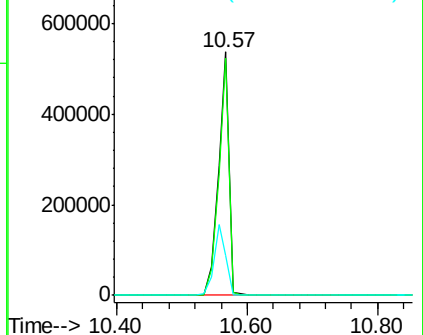
#41
 2,4,6-Tribromophenol
 Concen: 126.00 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF084604.D
 Acq: 25 Jan 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 621026
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 32.4 27.8 41.6

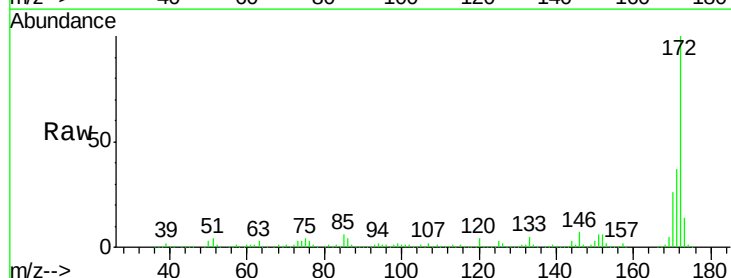


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

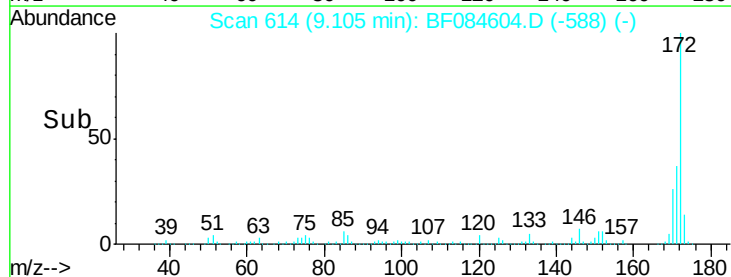
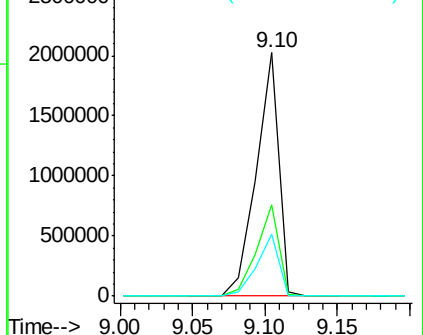


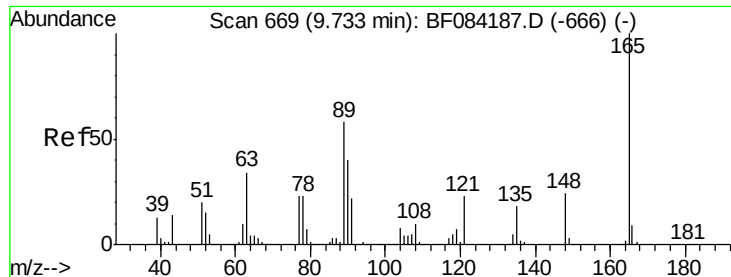
#44
 2-Fluorobiphenyl
 Concen: 77.69 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF084604.D
 Acq: 25 Jan 2016 13:51

Tgt Ion:172 Resp: 2171069
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.9 43.3
 170 25.6 18.6 27.8



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

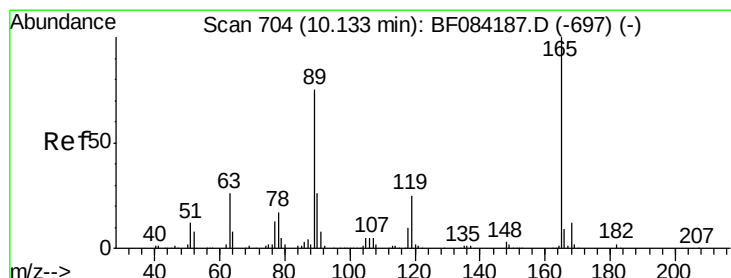
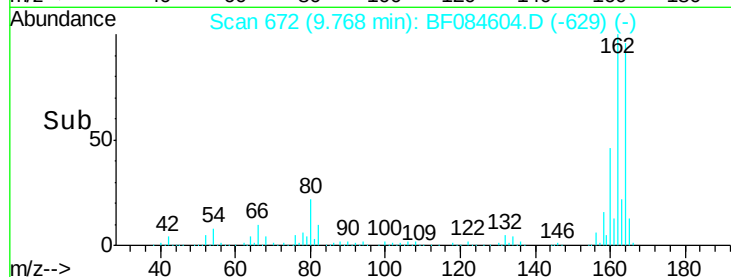
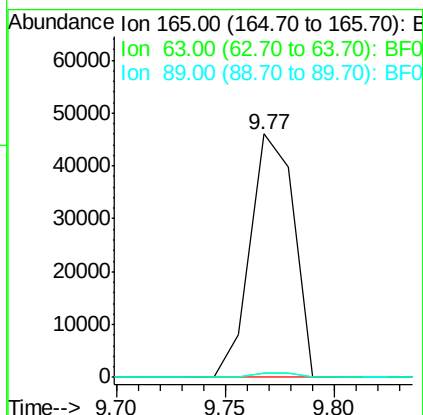
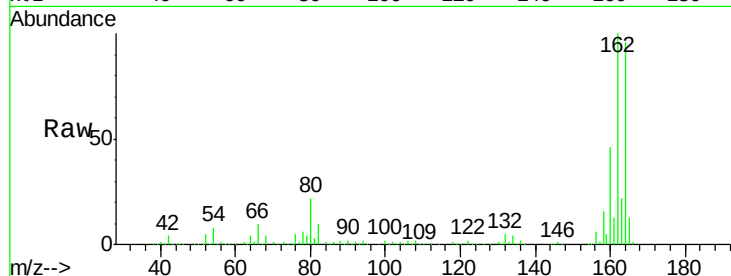




#50
 2,6-Dinitrotoluene
 Concen: 8.41 ng
 RT: 9.77 min Scan# 672
 Delta R.T. 0.19 min
 Lab File: BF084604.D
 Acq: 25 Jan 2016 13:51

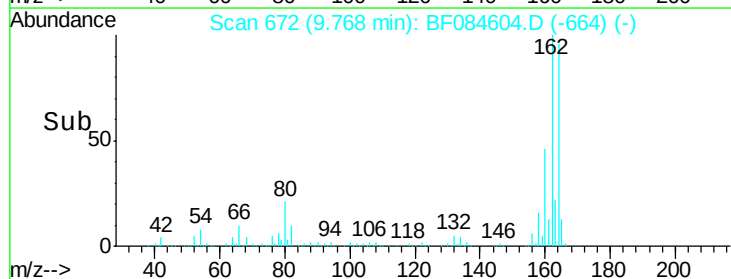
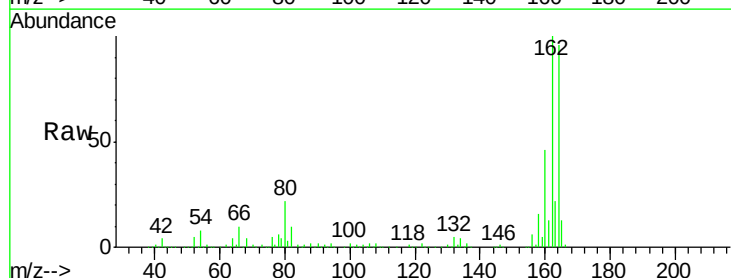
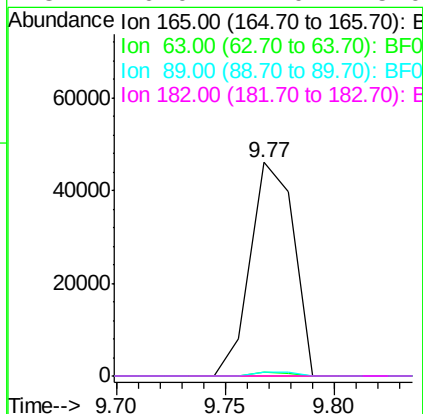
Instrument :
 BNA_F
 ClientSampleId :

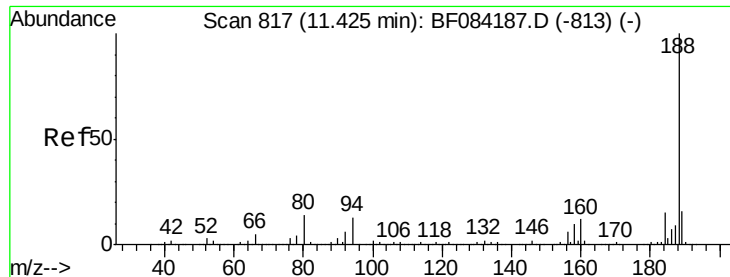
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	28.8	43.2#
89	1.7	35.1	52.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.65 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.21 min
 Lab File: BF084604.D
 Acq: 25 Jan 2016 13:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.7	55.1#
89	1.7	61.9	92.9#
182	0.0	2.0	3.0#

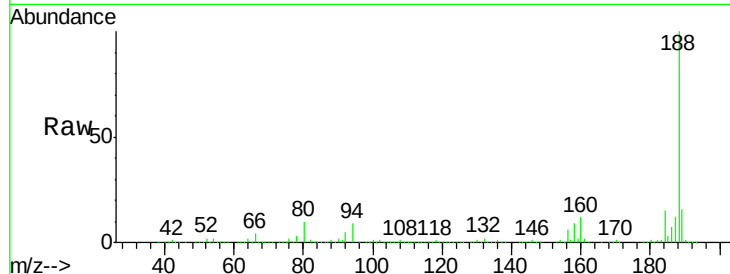




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF084604.D
 Acq: 25 Jan 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :

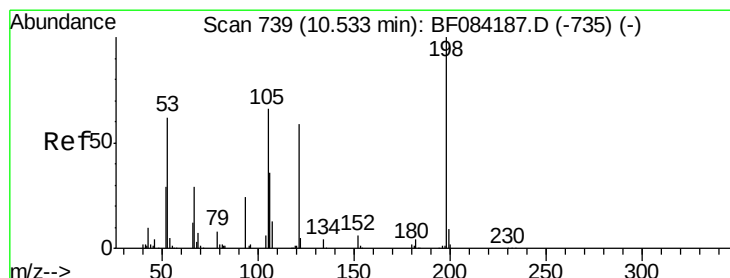
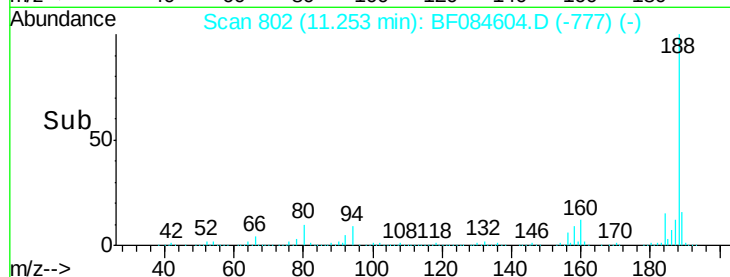
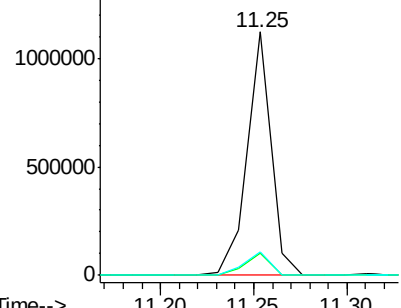
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.0	13.4
80	9.8	9.6	14.4



Abundance Ion 188.00 (187.70 to 188.70): E

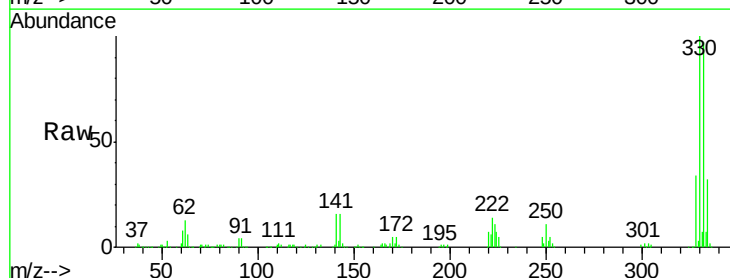
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.59 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.18 min
 Lab File: BF084604.D
 Acq: 25 Jan 2016 13:51

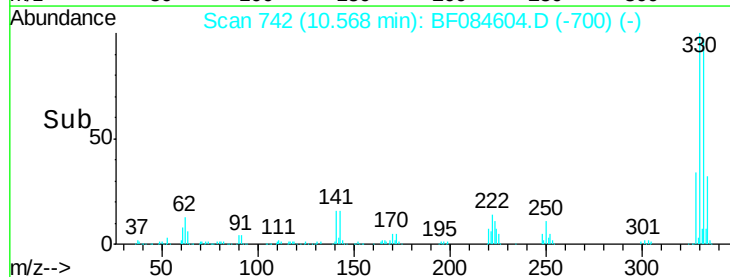
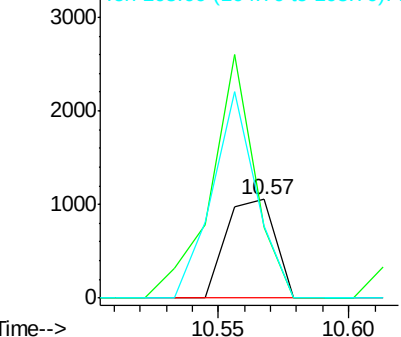
Tgt Ion	Ratio	Lower	Upper
198	100		
51	72.4	18.9	58.9#
105	73.8	26.4	66.4#

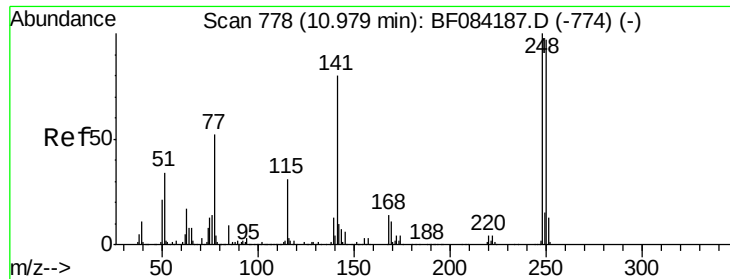


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

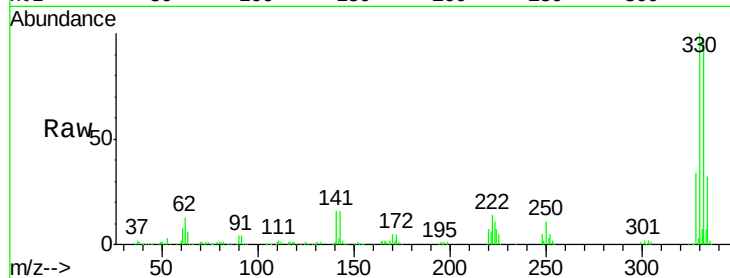




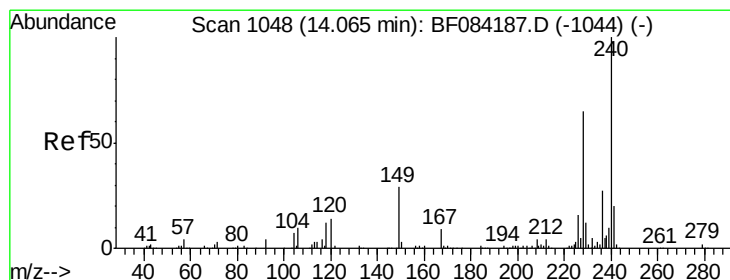
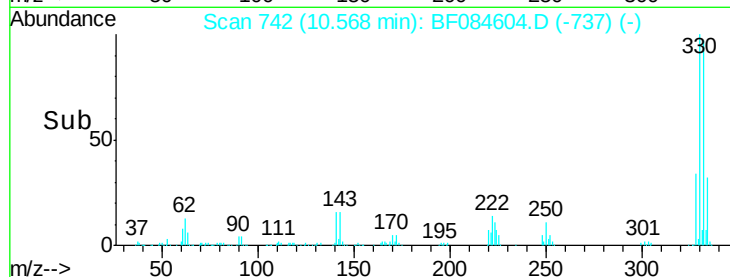
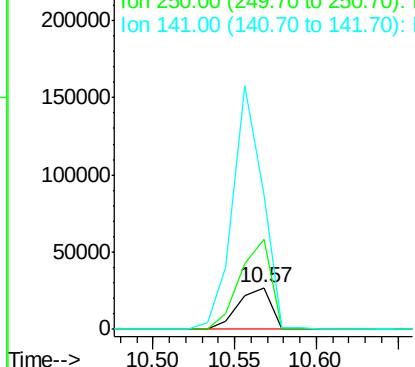
#66
 4-Bromophenyl-phenylether
 Concen: 3.51 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.24 min
 Lab File: BF084604.D
 Acq: 25 Jan 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 37760
 Ion Ratio Lower Upper
 248 100
 250 213.6 78.4 117.6#
 141 321.4 44.0 66.0#

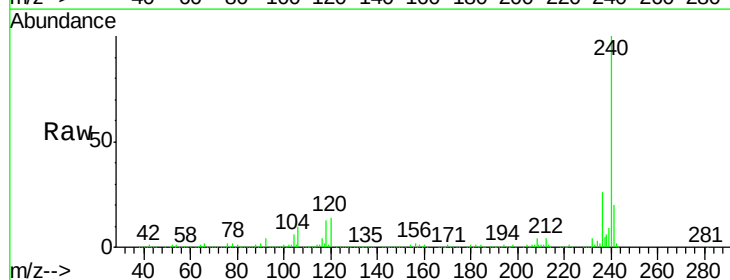


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

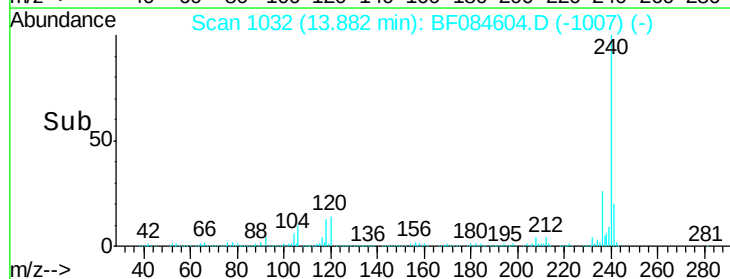
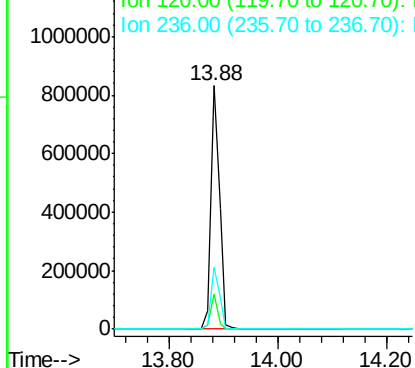


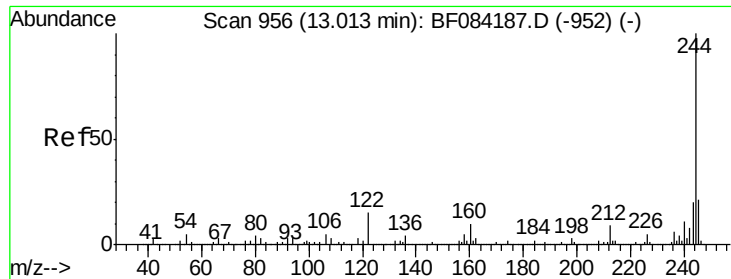
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF084604.D
 Acq: 25 Jan 2016 13:51

Tgt Ion:240 Resp: 920967
 Ion Ratio Lower Upper
 240 100
 120 14.5 9.5 14.3#
 236 25.5 20.6 31.0



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

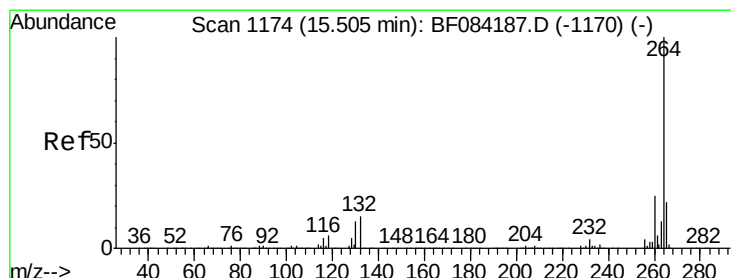
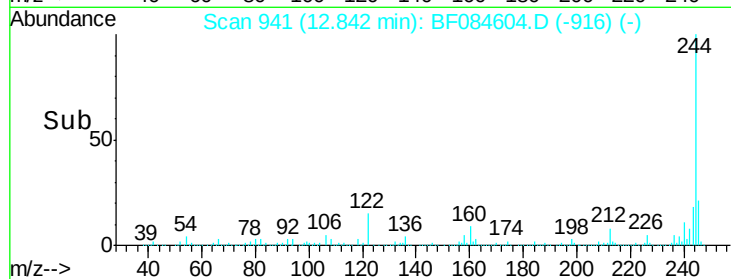
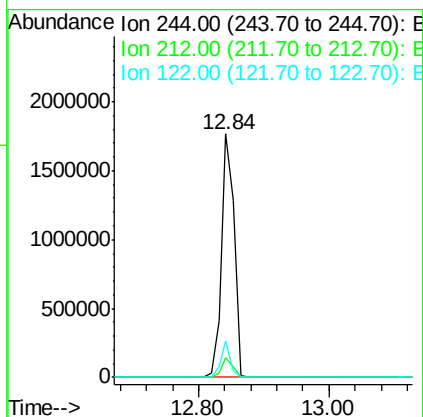
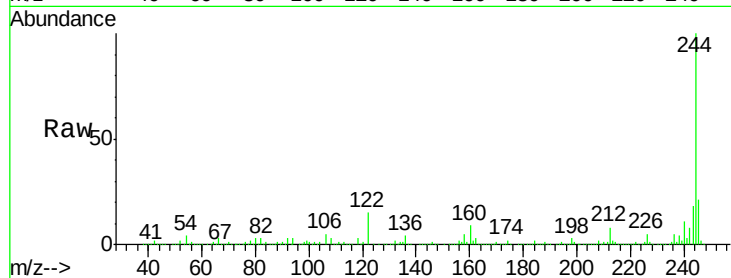




#78
 Terphenyl-d14
 Concen: 58.71 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF084604.D
 Acq: 25 Jan 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2422335
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 14.7 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF084604.D
 Acq: 25 Jan 2016 13:51

Tgt Ion:264 Resp: 826375
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.9 17.8 26.6

