

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
 Data File : BF084364.D
 Acq On : 10 Jan 2016 14:55
 Operator : SJ/UM
 Sample : H1043-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 00:19:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	282003	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1224133	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	531112	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	923405	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	620027	20.00	ng	-0.05
86) Perylene-d12	15.45	264	508626	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	2290833	131.39	ng	-0.01
7) Phenol-d6	6.51	99	2451460	111.96	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1680122	76.39	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	697069	130.00	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2421908	79.83	ng	-0.04
78) Terphenyl-d14	12.97	244	1982439	71.37	ng	-0.05

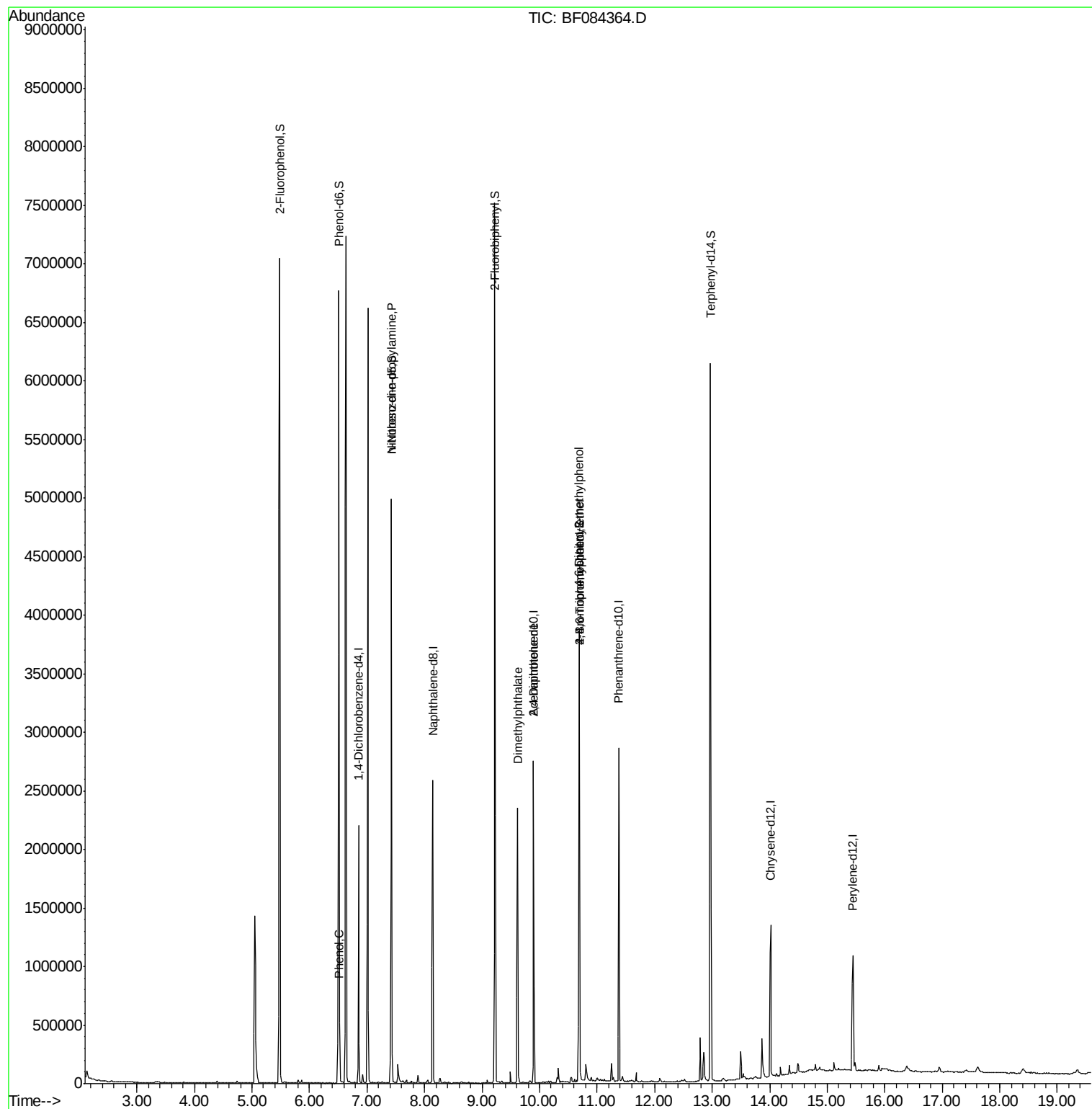
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	53052	2.13	ng	87
19) n-Nitroso-di-n-propylamine	7.42	70	241963	16.32	ng	# 70
49) Dimethylphthalate	9.62	163	963664	25.38	ng	# 91
54) Dibenzofuran	10.10	168	510	Below Cal	#	45
56) 2,4-Dinitrotoluene	9.89	165	68372	6.49	ng	# 21
57) Fluorene	10.68	166	25873	Below Cal	#	94
64) 4,6-Dinitro-2-methylphenol	10.68	198	1765	6.65	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	43489	4.38	ng	# 1
73) Di-n-butylphthalate	11.95	149	5115	Below Cal	#	95

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

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QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration



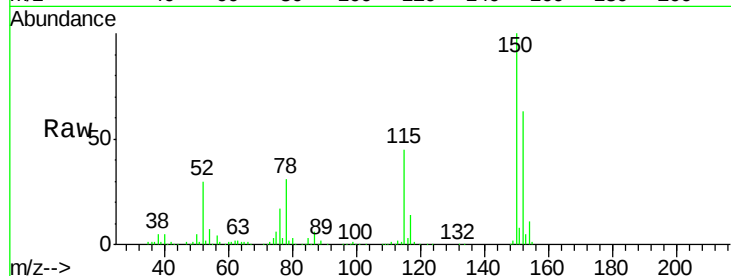


#1

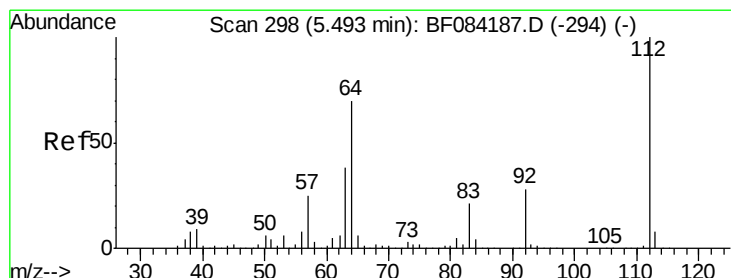
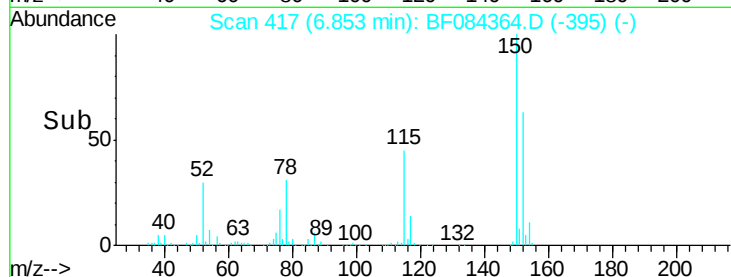
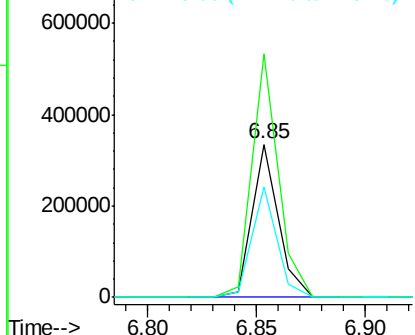
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084364.D
Acq: 10 Jan 2016 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 282003
Ion Ratio Lower Upper
152 100
150 159.2 123.0 184.4
115 72.4 51.4 77.2



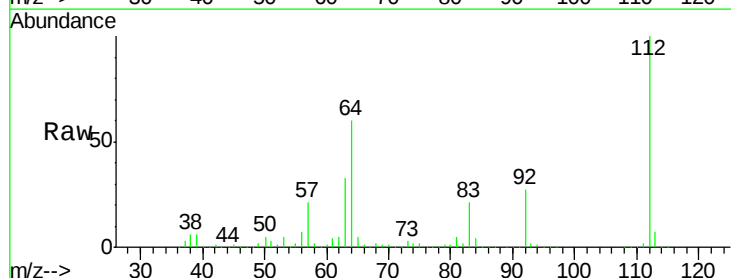
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



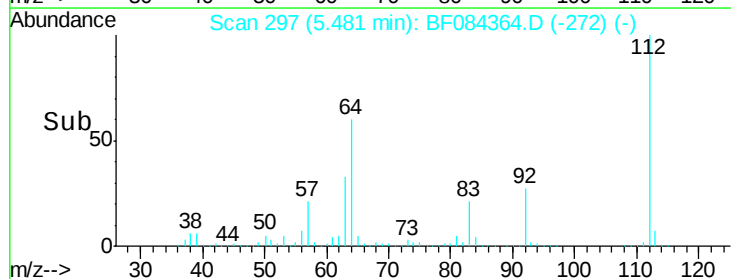
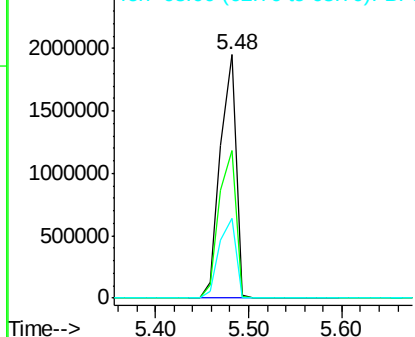
#5

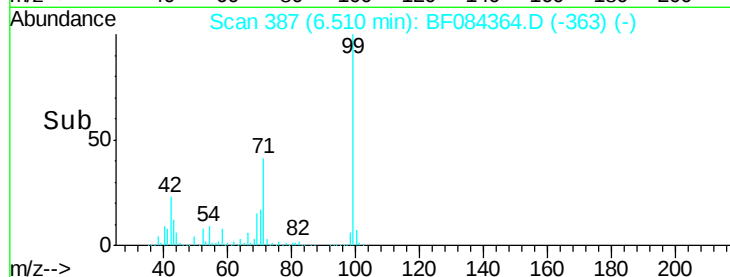
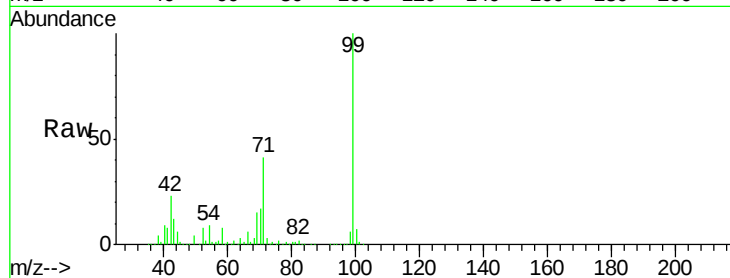
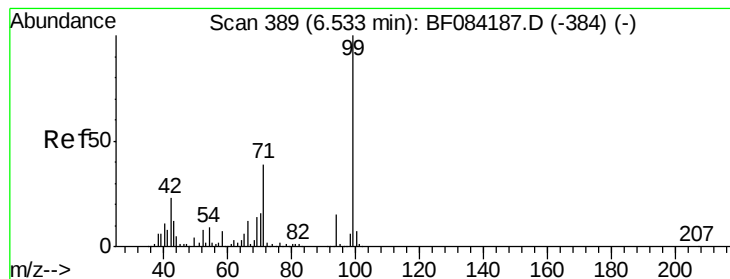
2-Fluorophenol
Concen: 131.39 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.01 min
Lab File: BF084364.D
Acq: 10 Jan 2016 14:55

Tgt Ion:112 Resp: 2290833
Ion Ratio Lower Upper
112 100
64 60.5 36.6 55.0#
63 32.6 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: 111.96 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084364.D

Acq: 10 Jan 2016 14:55

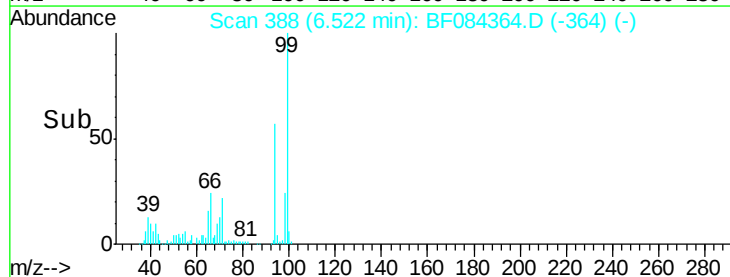
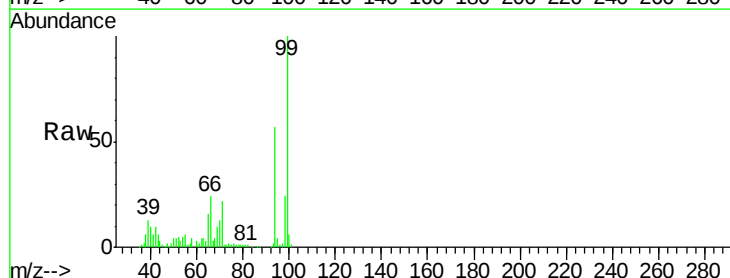
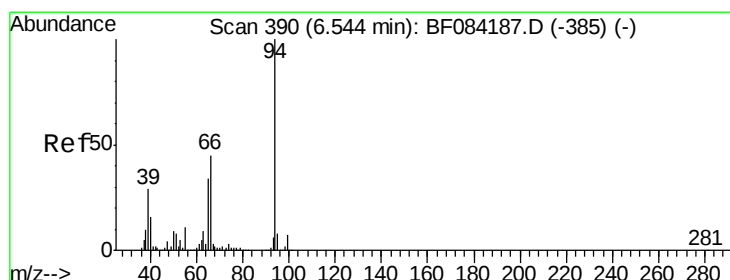
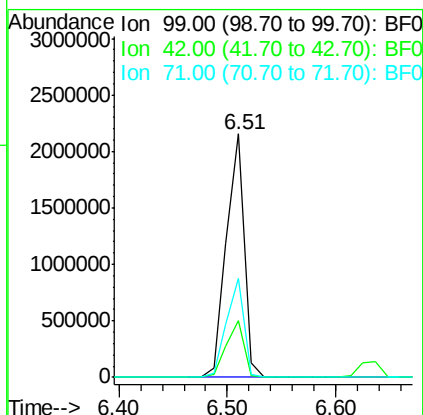
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2451460

Ion	Ratio	Lower	Upper
99	100		
42	23.2	12.8	19.2#
71	40.9	30.9	46.3



#10

Phenol

Concen: 2.13 ng

RT: 6.52 min Scan# 388

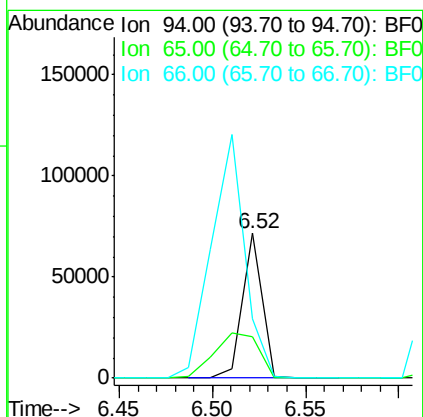
Delta R.T. -0.02 min

Lab File: BF084364.D

Acq: 10 Jan 2016 14:55

Tgt Ion: 94 Resp: 53052

Ion	Ratio	Lower	Upper
94	100		
65	28.5	12.9	52.9
66	41.3	32.7	72.7

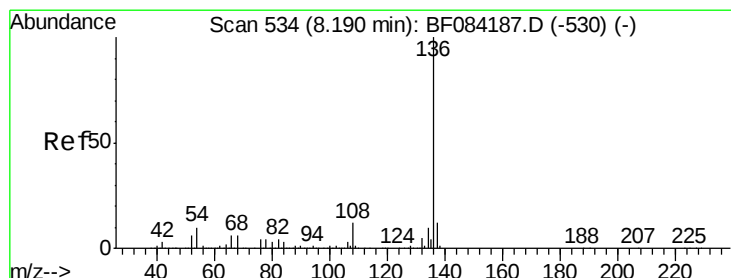
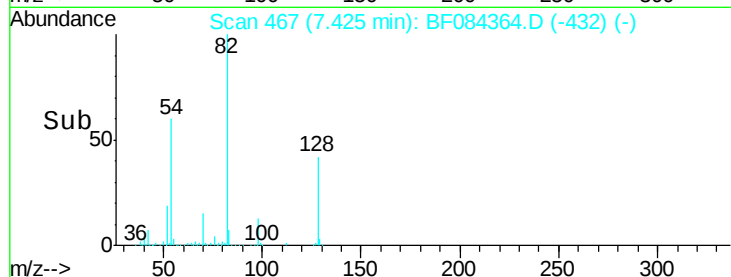
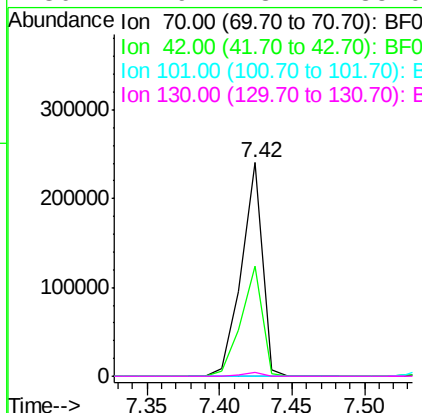
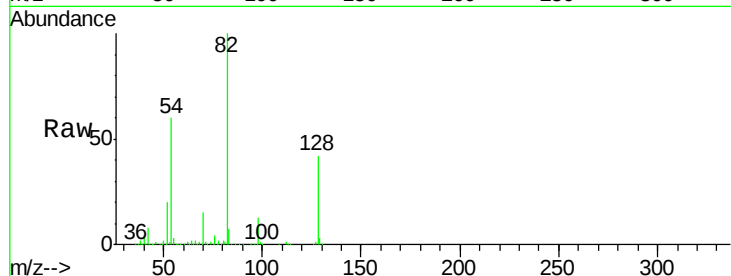




#19
n-Nitroso-di-n-propylamine
Concen: 16.32 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.10 min
Lab File: BF084364.D
Acq: 10 Jan 2016 14:55

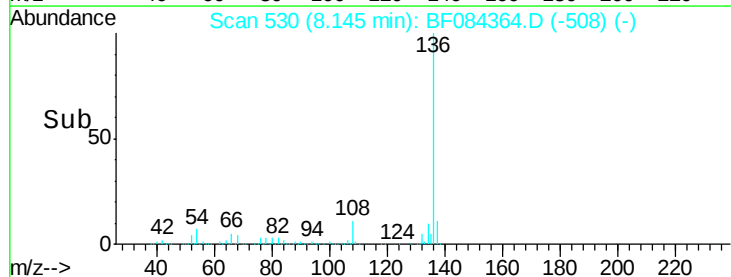
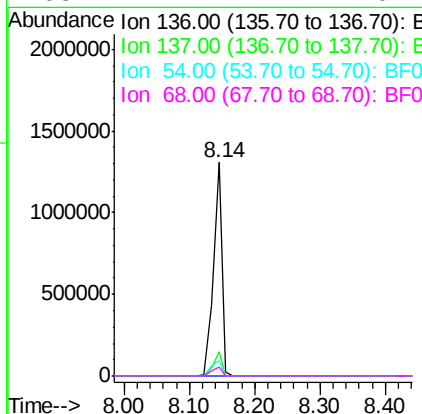
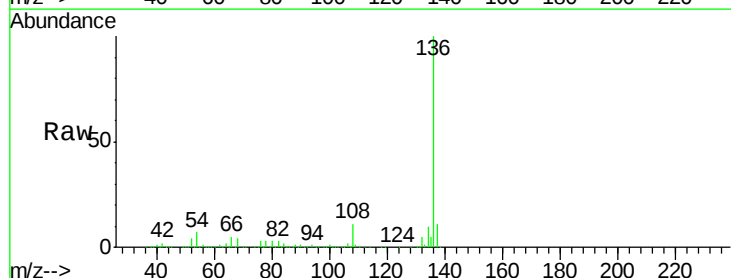
Instrument :
BNA_F
ClientSampleId :

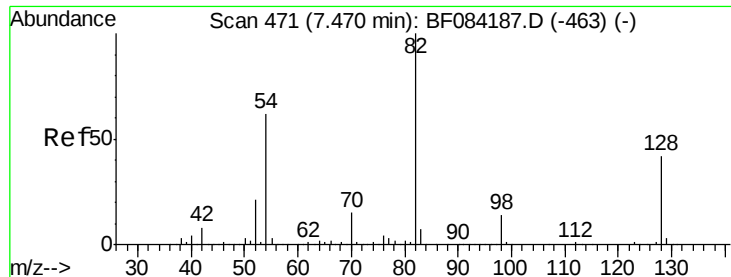
Tot Ion: 70 Resp: 241963
Ion Ratio Lower Upper
70 100
42 51.8 33.3 49.9#
101 0.0 9.3 13.9#
130 1.9 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084364.D
Acq: 10 Jan 2016 14:55

Tgt Ion: 136 Resp: 1224133
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 7.3 5.8 8.8
68 4.2 4.2 6.2

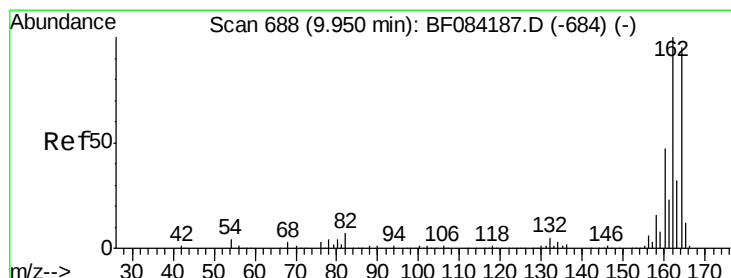
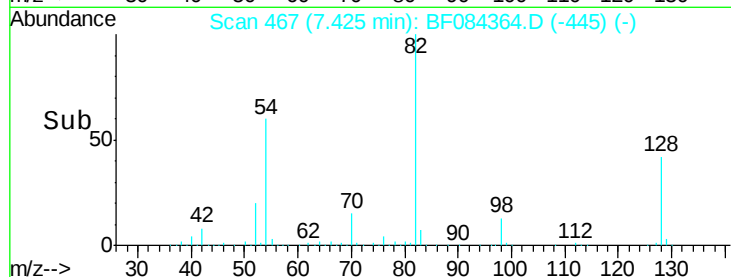
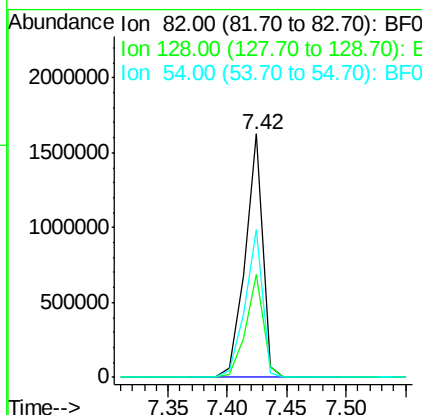
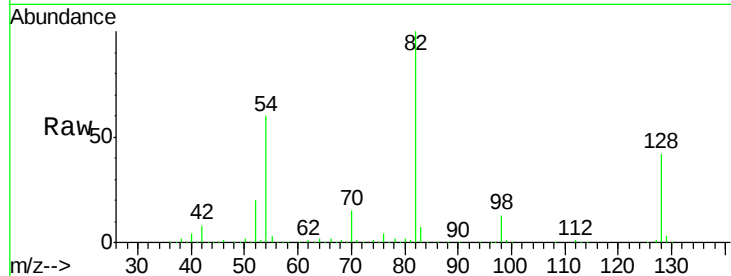




#23
 Nitrobenzene-d5
 Concen: 76.39 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084364.D
 Acq: 10 Jan 2016 14:55

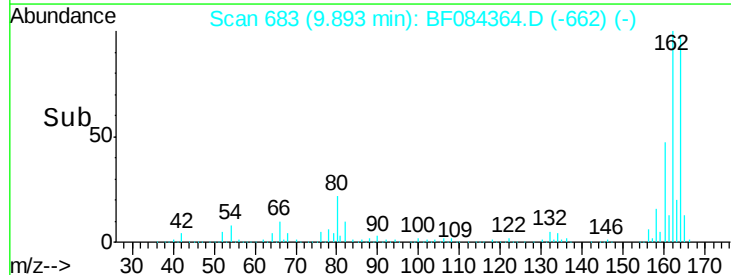
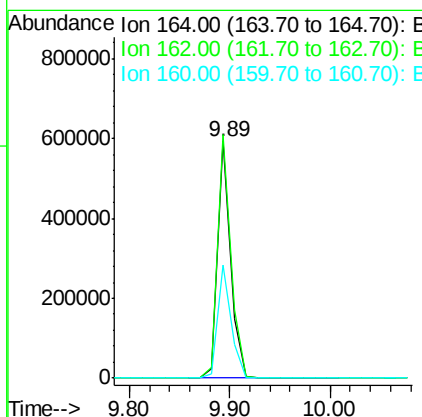
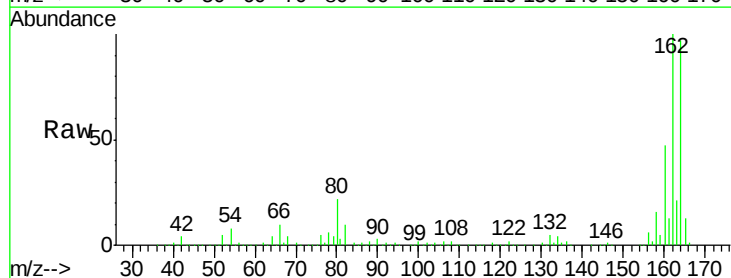
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1680122
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.6 51.8
 54 60.4 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.06 min
 Lab File: BF084364.D
 Acq: 10 Jan 2016 14:55

Tgt Ion:164 Resp: 531112
 Ion Ratio Lower Upper
 164 100
 162 102.9 85.1 127.7
 160 47.9 37.5 56.3

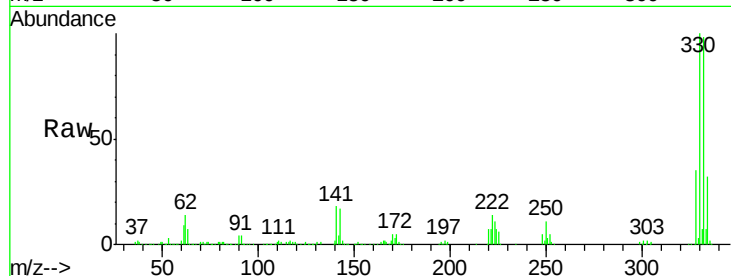




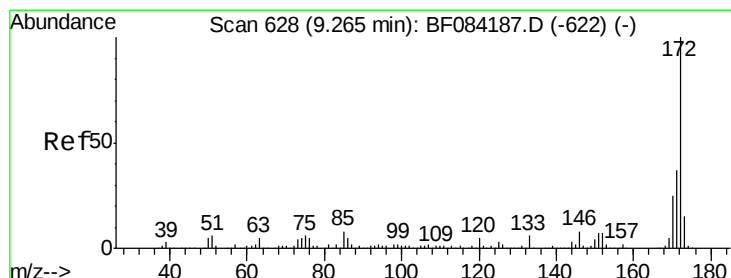
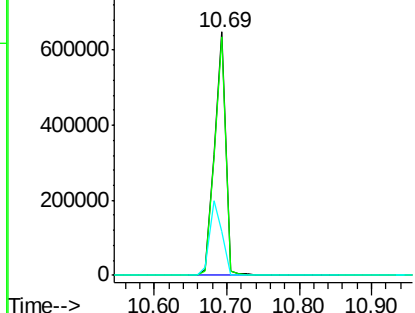
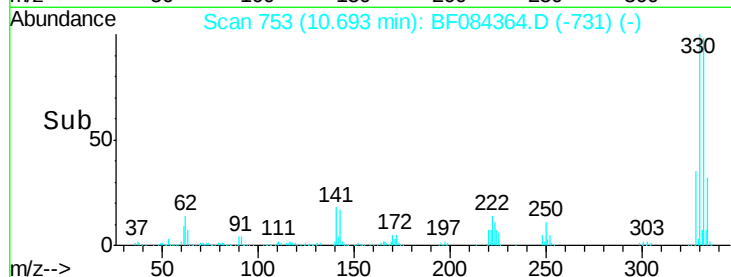
#41
 2,4,6-Tribromophenol
 Concen: 130.00 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084364.D
 Acq: 10 Jan 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 697069
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 114.8
 141 34.1 27.8 41.6

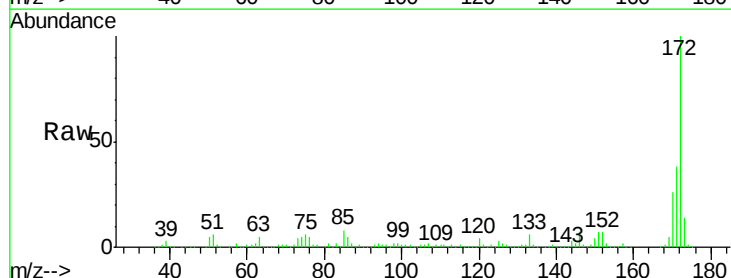


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

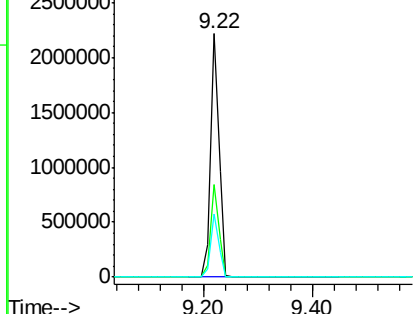
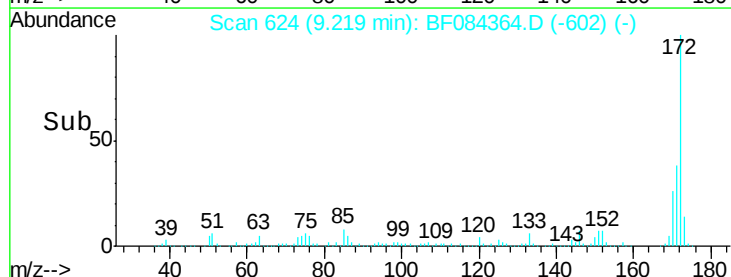


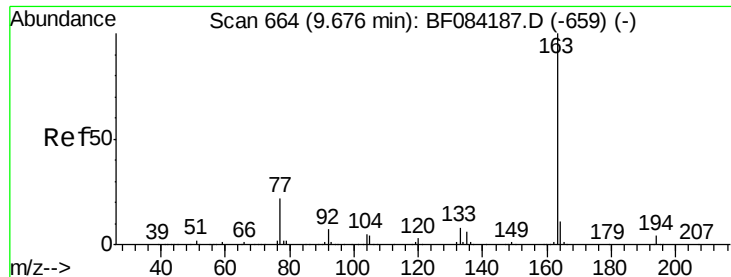
#44
 2-Fluorobiphenyl
 Concen: 79.83 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.04 min
 Lab File: BF084364.D
 Acq: 10 Jan 2016 14:55

Tgt Ion:172 Resp: 2421908
 Ion Ratio Lower Upper
 172 100
 171 37.9 28.9 43.3
 170 26.0 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





#49

Dimethylphthalate

Concen: 25.38 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.06 min

Lab File: BF084364.D

Acq: 10 Jan 2016 14:55

Instrument :

BNA_F

ClientSampled :

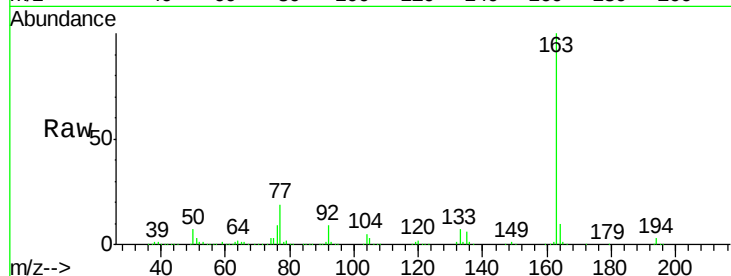
Tot Ion:163 Resp: 963664

Ion Ratio Lower Upper

163 100

194 3.5 8.0 12.0#

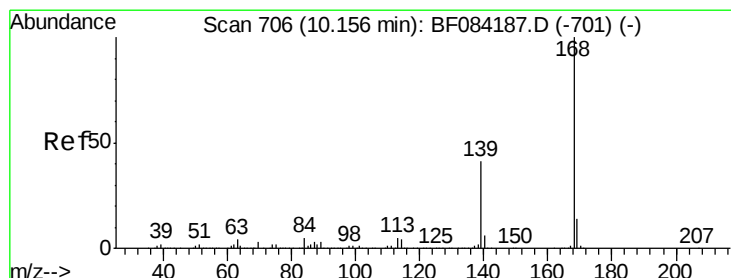
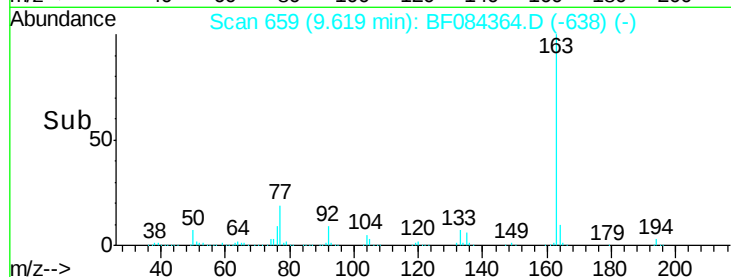
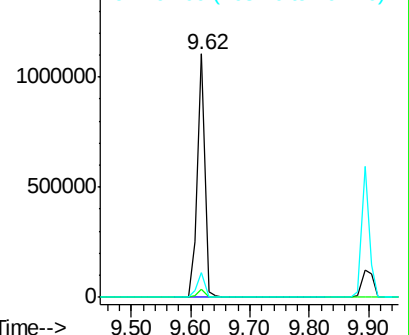
164 10.0 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#54

Dibenzofuran

Concen: Below Cal

RT: 10.10 min Scan# 701

Delta R.T. -0.06 min

Lab File: BF084364.D

Acq: 10 Jan 2016 14:55

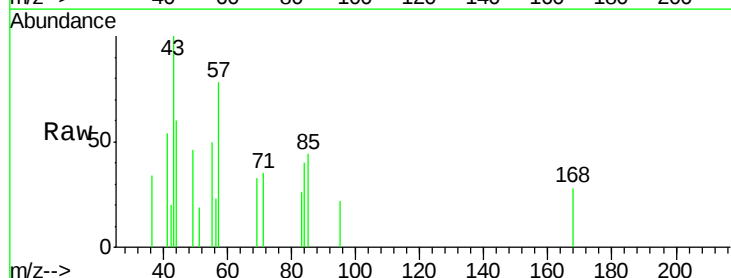
Tgt Ion:168 Resp: 510

Ion Ratio Lower Upper

168 100

139 0.0 30.5 45.7#

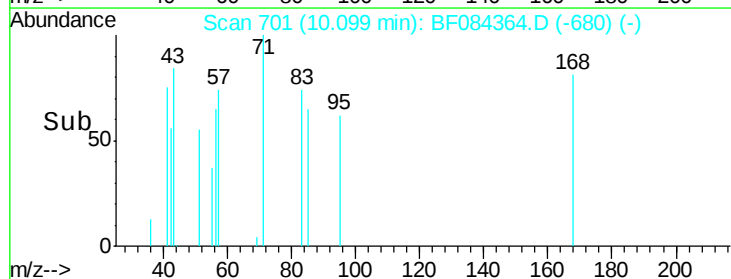
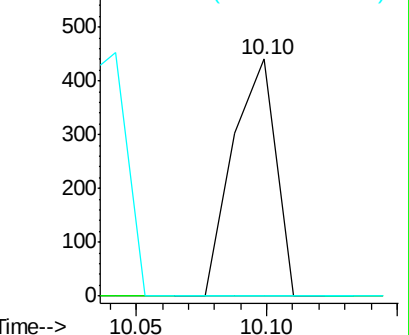
169 0.0 10.4 15.6#

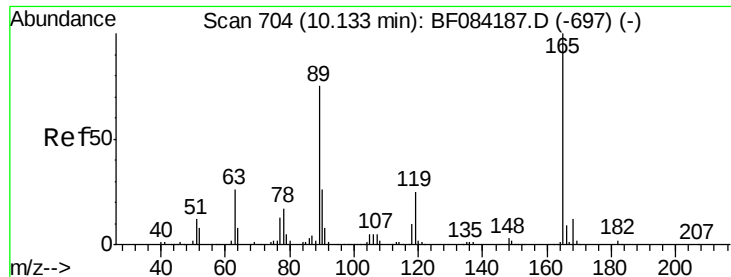


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

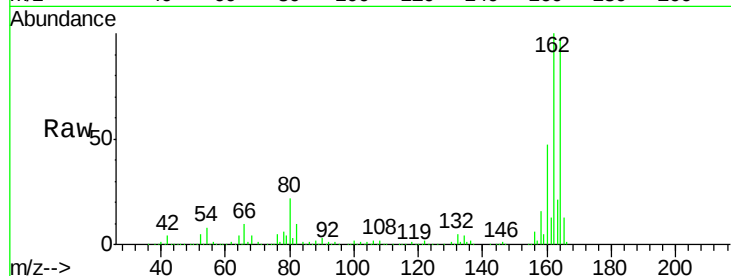




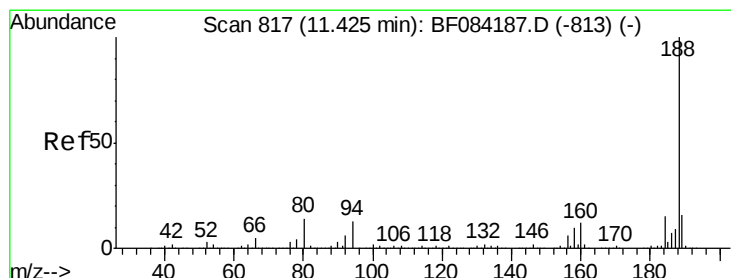
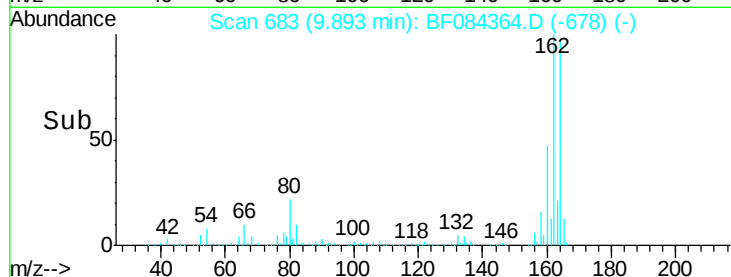
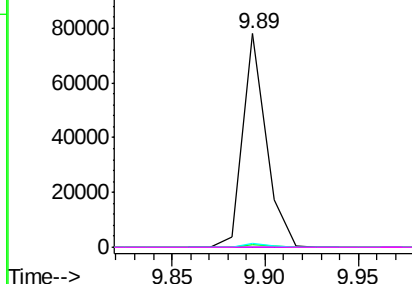
#56
2,4-Dinitrotoluene
Concen: 6.49 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.24 min
Lab File: BF084364.D
Acq: 10 Jan 2016 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 68372
Ion Ratio Lower Upper
165 100
63 1.4 36.7 55.1#
89 1.6 61.9 92.9#
182 0.0 2.0 3.0#

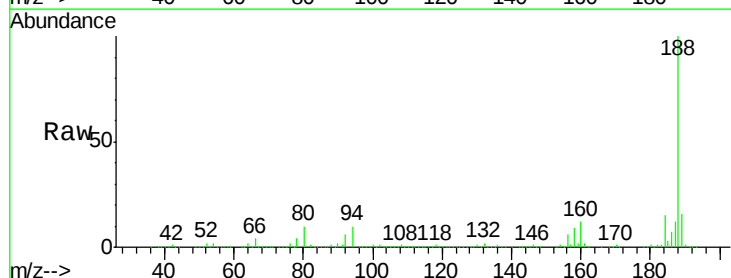


Abundance Ion 165.00 (164.70 to 165.70): E
120000
100000
80000
60000
40000
20000
0

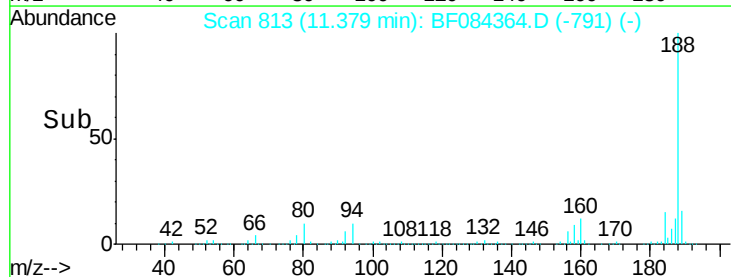
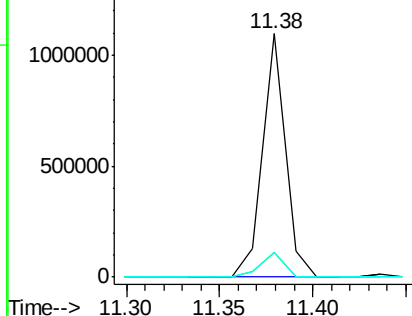


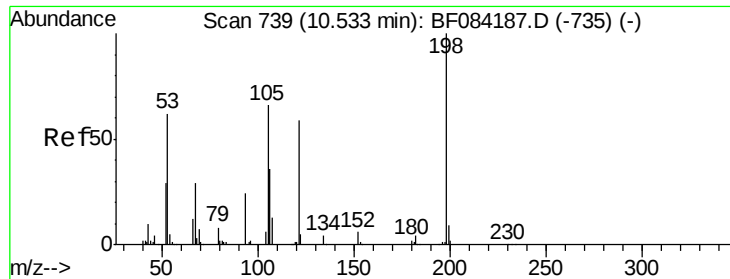
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084364.D
Acq: 10 Jan 2016 14:55

Tgt Ion:188 Resp: 923405
Ion Ratio Lower Upper
188 100
94 10.2 9.0 13.4
80 10.4 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E
1500000
1000000
500000
0

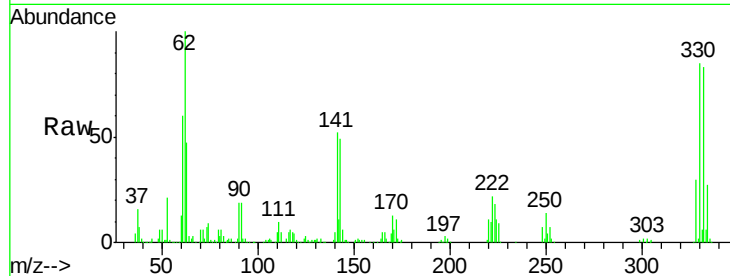




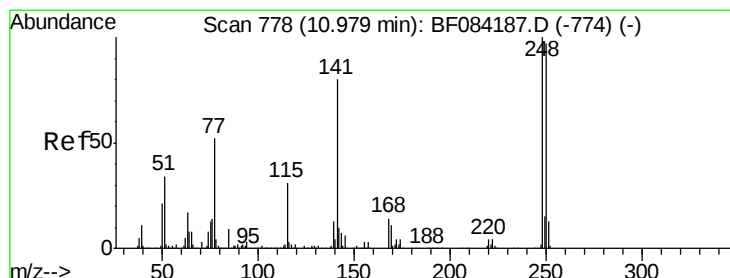
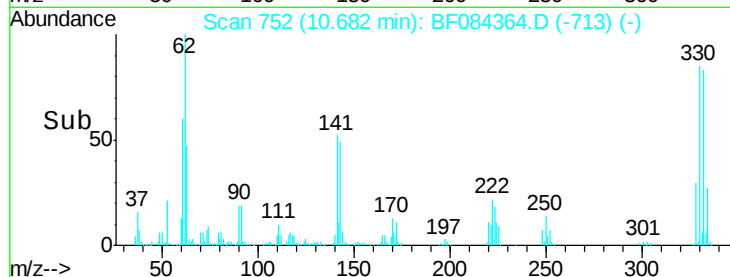
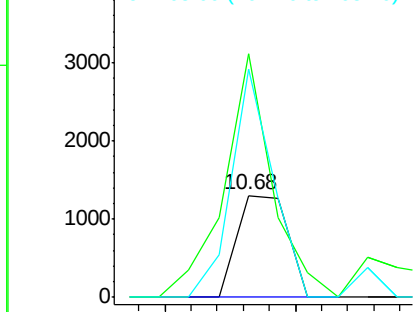
#64
4,6-Dinitro-2-methylphenol
Concen: 6.65 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.15 min
Lab File: BF084364.D
Acq: 10 Jan 2016 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 1765
Ion Ratio Lower Upper
198 100
51 238.6 18.9 58.9#
105 223.4 26.4 66.4#

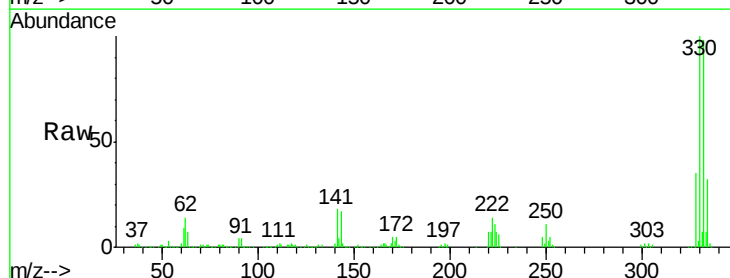


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

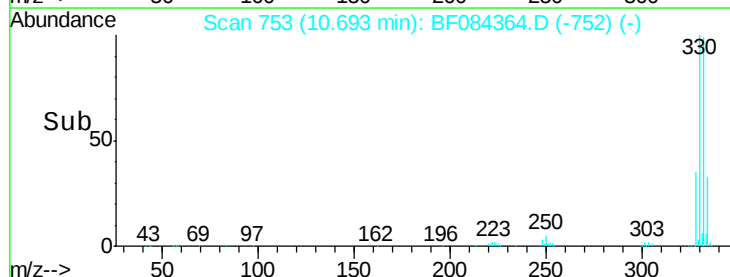
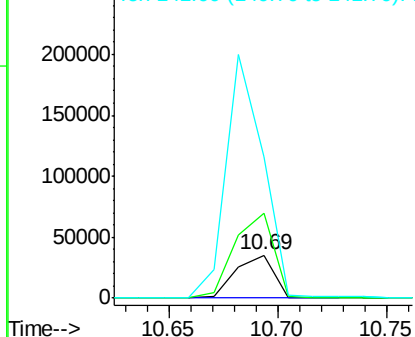


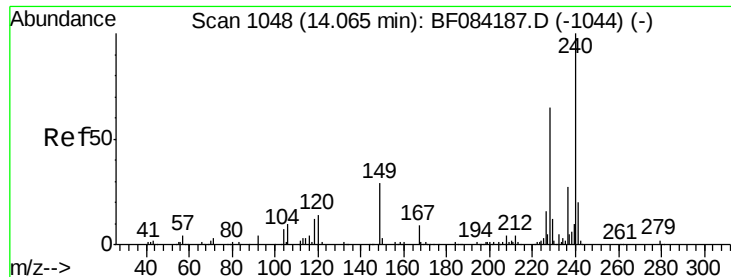
#66
4-Bromophenyl-phenylether
Concen: 4.38 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.29 min
Lab File: BF084364.D
Acq: 10 Jan 2016 14:55

Tgt Ion:248 Resp: 43489
Ion Ratio Lower Upper
248 100
250 199.6 78.4 117.6#
141 329.7 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: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084364.D

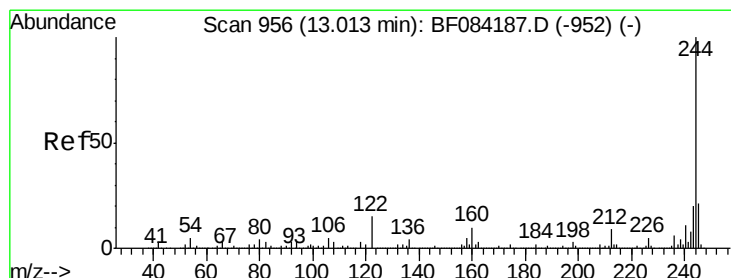
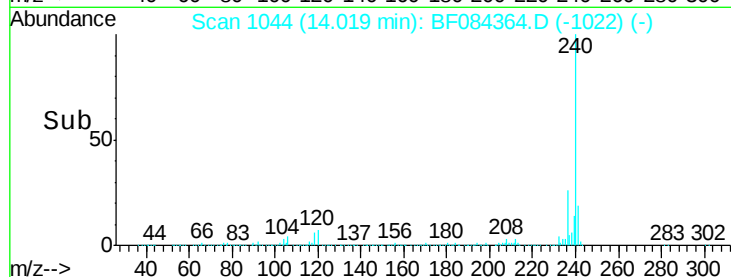
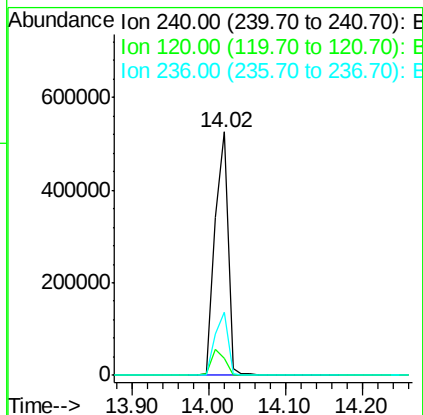
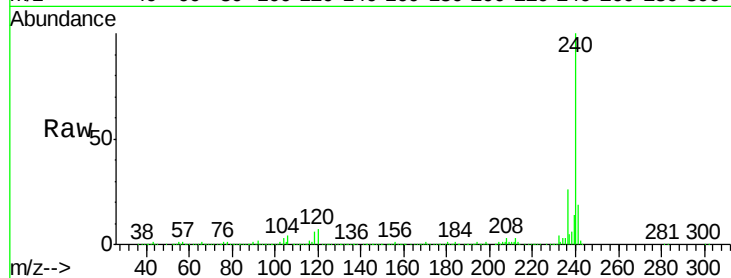
Acq: 10 Jan 2016 14:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 620027
 Ion Ratio Lower Upper
 240 100
 120 6.9 9.5 14.3#
 236 25.8 20.6 31.0



#78

Terphenyl-d14

Concen: 71.37 ng

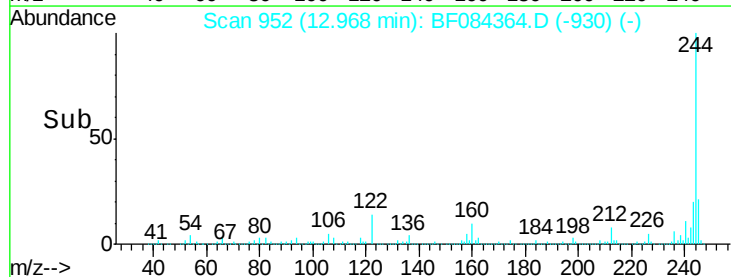
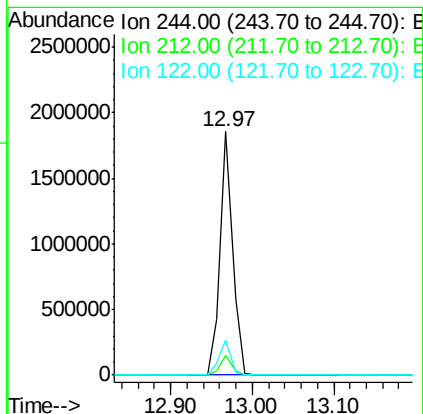
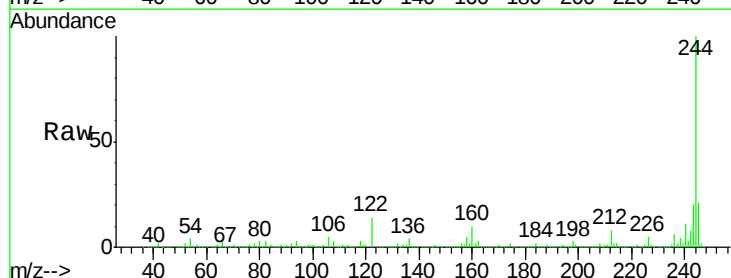
RT: 12.97 min Scan# 952

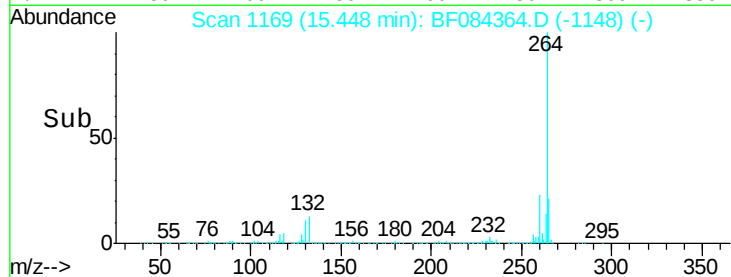
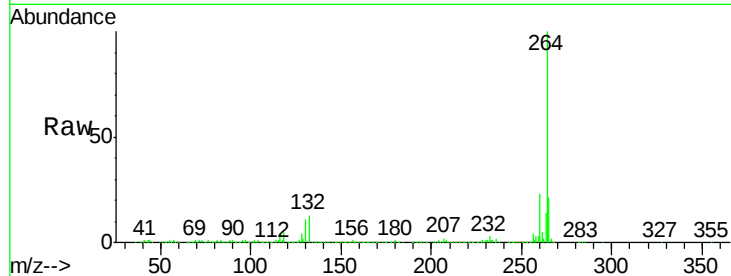
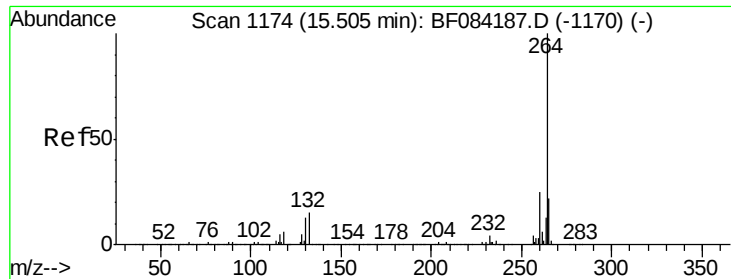
Delta R.T. -0.05 min

Lab File: BF084364.D

Acq: 10 Jan 2016 14:55

Tgt Ion:244 Resp: 1982439
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 14.3 7.4 11.0#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF084364.D
Acq: 10 Jan 2016 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	20.8	17.8	26.6

