

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084451.D
 Acq On : 13 Jan 2016 19:45
 Operator : SJ/UM
 Sample : H1115-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WHRB1B

Quant Time: Jan 14 11:12:30 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

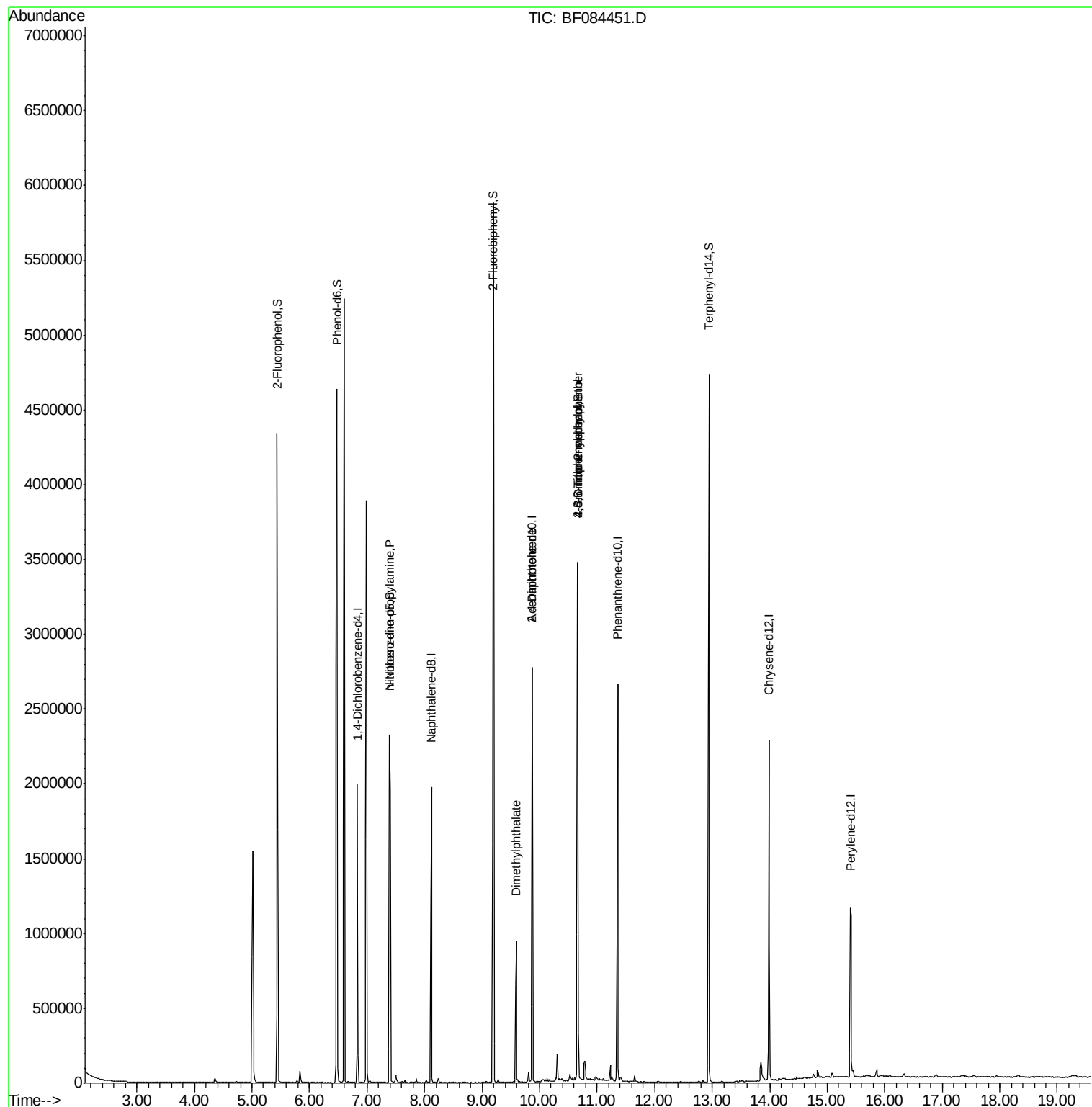
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	263747	20.00	ng	-0.07
21) Naphthalene-d8	8.12	136	1114369	20.00	ng	-0.07
38) Acenaphthene-d10	9.87	164	530640	20.00	ng	-0.08
63) Phenanthrene-d10	11.36	188	1010380	20.00	ng	-0.07
75) Chrysene-d12	13.99	240	849141	20.00	ng	-0.08
86) Perylene-d12	15.41	264	634153	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1274260	78.15	ng	-0.06
7) Phenol-d6	6.48	99	1840444	89.87	ng	-0.06
23) Nitrobenzene-d5	7.39	82	1061394	53.01	ng	-0.08
41) 2,4,6-Tribromophenol	10.66	330	377353	70.44	ng	-0.08
44) 2-Fluorobiphenyl	9.20	172	1728806	55.09	ng	-0.07
78) Terphenyl-d14	12.94	244	1724844	45.34	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	137404	9.91	ng	# 68
49) Dimethylphthalate	9.60	163	519919	13.71	ng	# 91
54) Dibenzofuran	10.06	168	529	Below Cal	#	45
56) 2,4-Dinitrotoluene	9.87	165	67883	6.45	ng	# 21
57) Fluorene	10.66	166	18968	Below Cal	#	95
64) 4,6-Dinitro-2-methylphenol	10.66	198	780	6.52	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	24610	2.26	ng	# 1
73) Di-n-butylphthalate	11.92	149	2657	Below Cal	#	79

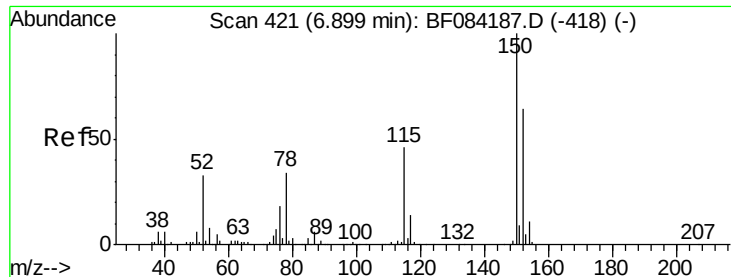
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.07 min

Lab File: BF084451.D

Acq: 13 Jan 2016 19:45

Instrument :

BNA_F

ClientSampleId :

WHRB1B

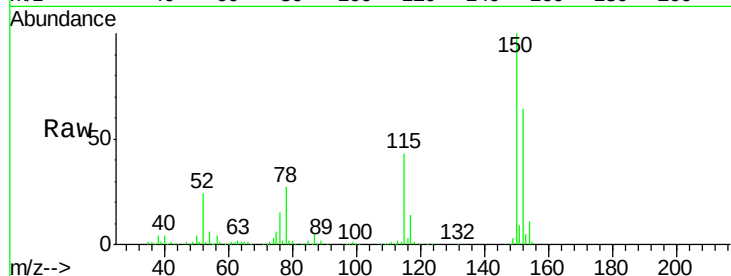
Tot Ion:152 Resp: 263747

Ion Ratio Lower Upper

152 100

150 155.5 123.0 184.4

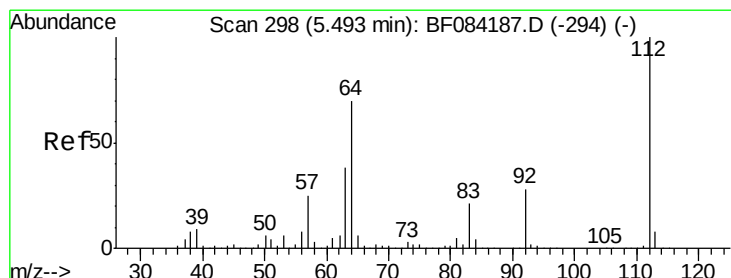
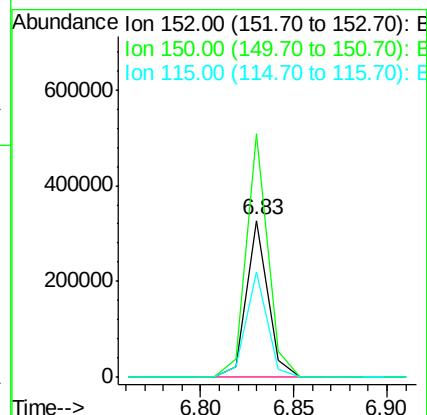
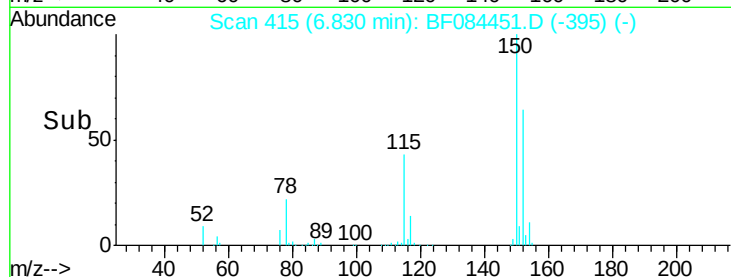
115 66.9 51.4 77.2



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: 78.15 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.06 min

Lab File: BF084451.D

Acq: 13 Jan 2016 19:45

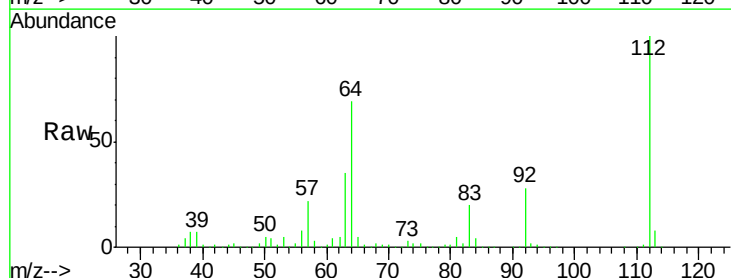
Tgt Ion:112 Resp: 1274260

Ion Ratio Lower Upper

112 100

64 68.6 36.6 55.0#

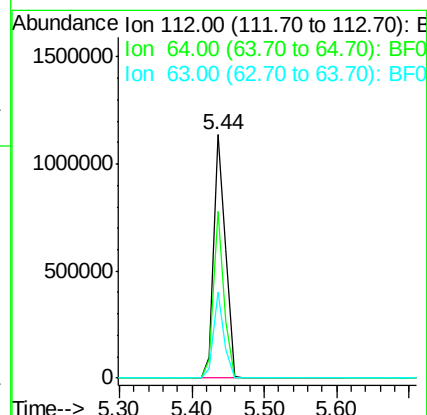
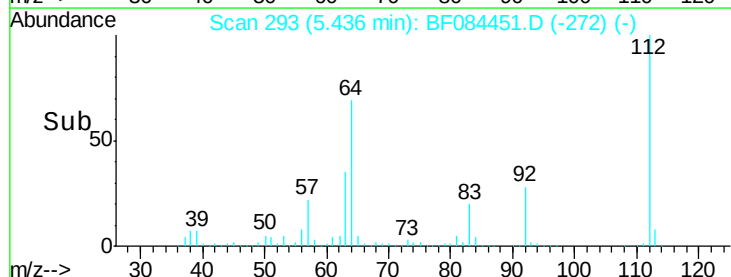
63 35.2 19.4 29.0#

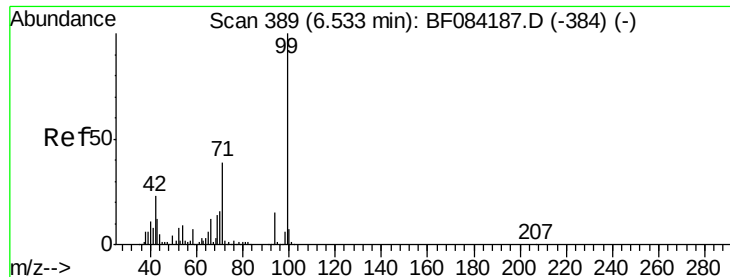


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 89.87 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.06 min

Lab File: BF084451.D

Acq: 13 Jan 2016 19:45

Instrument :

BNA_F

ClientSampleId :

WHRB1B

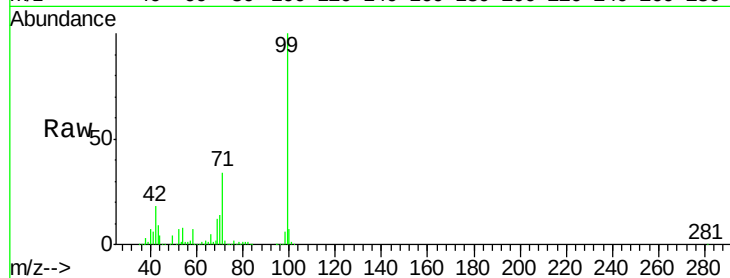
Tot Ion: 99 Resp: 1840444

Ion Ratio Lower Upper

99 100

42 17.9 12.8 19.2

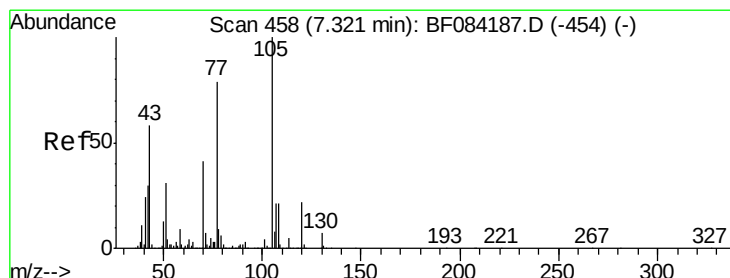
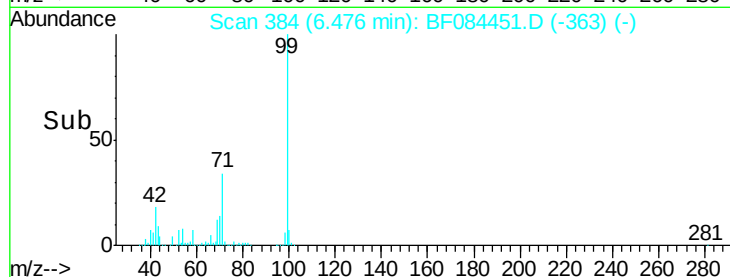
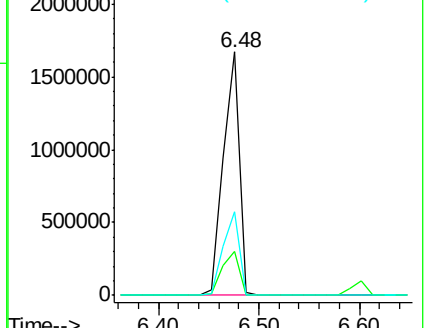
71 34.5 30.9 46.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.91 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.07 min

Lab File: BF084451.D

Acq: 13 Jan 2016 19:45

Tgt Ion: 70 Resp: 137404

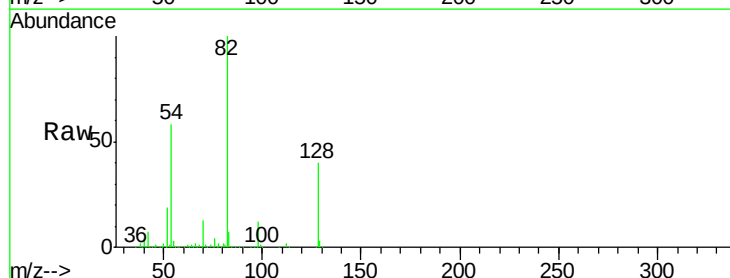
Ion Ratio Lower Upper

70 100

42 53.8 33.3 49.9#

101 0.0 9.3 13.9#

130 1.9 23.4 35.0#

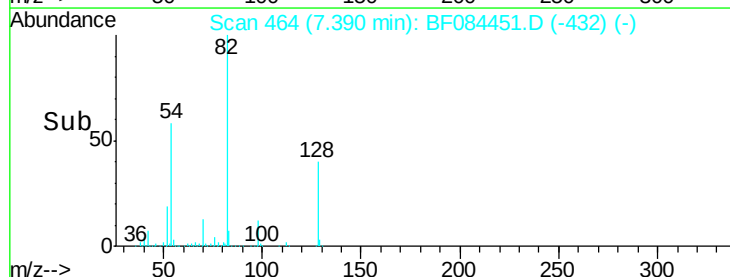
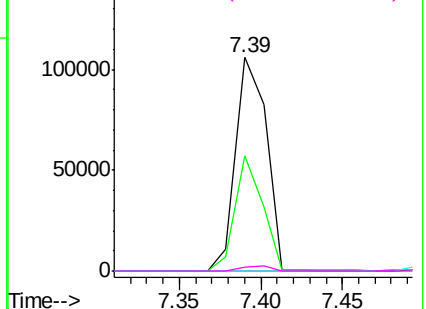


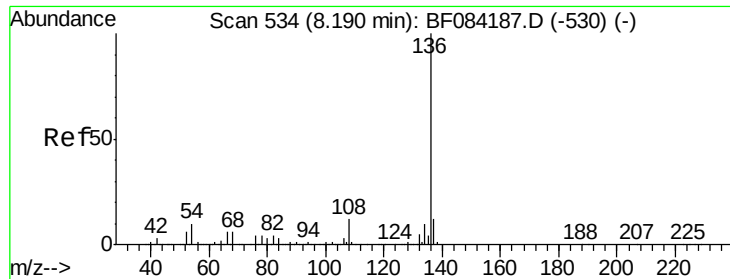
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.12 min Scan# 528

Delta R.T. -0.07 min

Lab File: BF084451.D

Acq: 13 Jan 2016 19:45

Instrument :

BNA_F

ClientSampleId :

WHRB1B

Tot Ion:136 Resp: 1114369

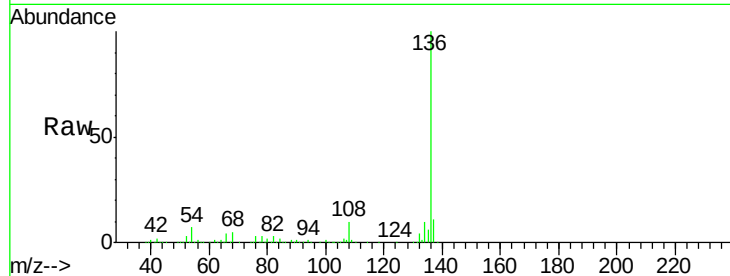
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.9 5.8 8.8

68 4.8 4.2 6.2

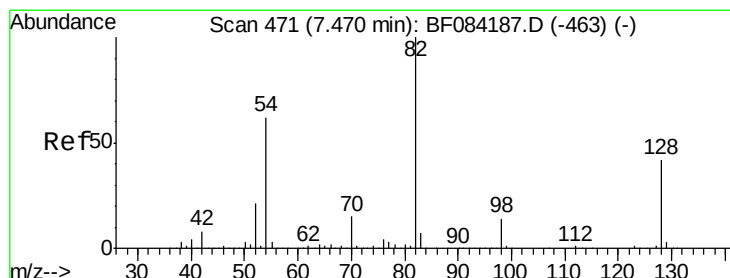
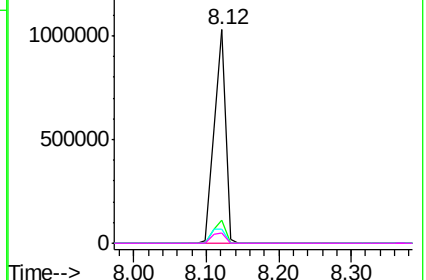
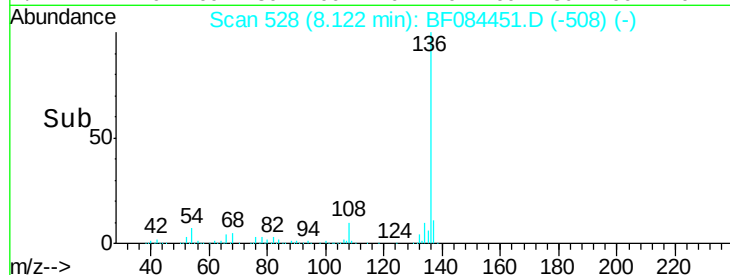


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.01 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.08 min

Lab File: BF084451.D

Acq: 13 Jan 2016 19:45

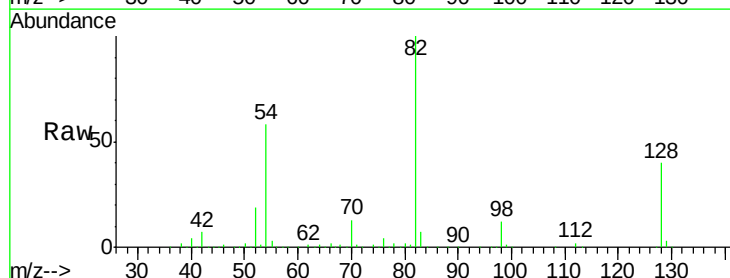
Tgt Ion: 82 Resp: 1061394

Ion Ratio Lower Upper

82 100

128 39.6 34.6 51.8

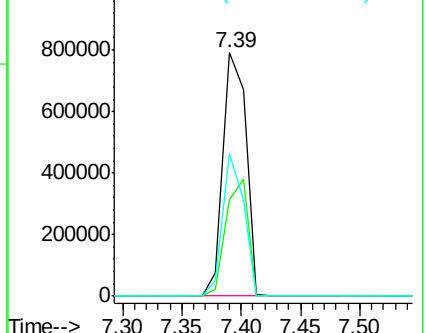
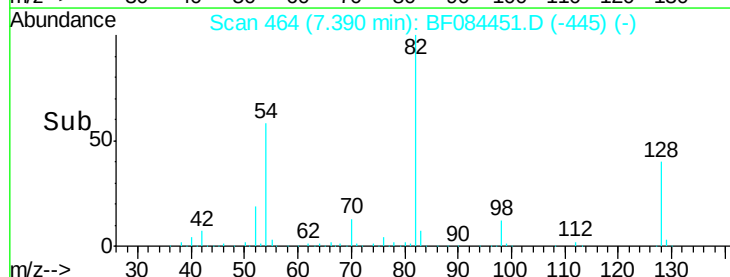
54 58.3 38.4 57.6#

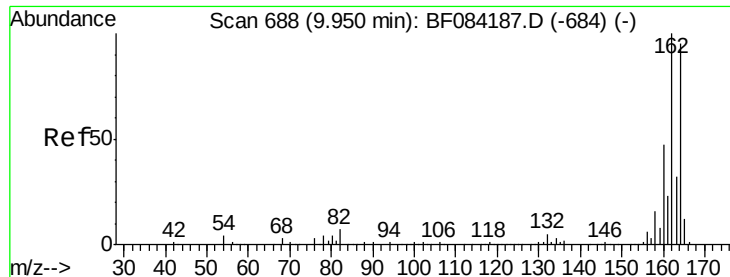


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.87 min Scan# 681

Delta R.T. -0.08 min

Lab File: BF084451.D

Acq: 13 Jan 2016 19:45

Instrument :

BNA_F

ClientSampleId :

WHRB1B

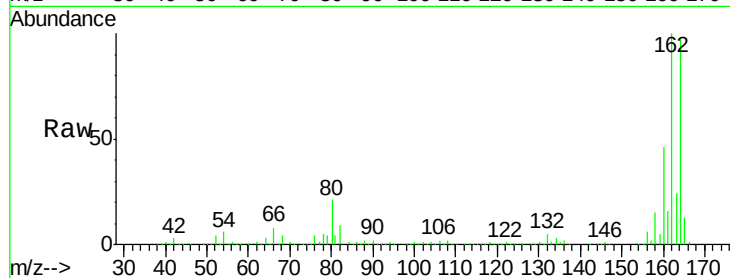
Tot Ion:164 Resp: 530640

Ion Ratio Lower Upper

164 100

162 102.6 85.1 127.7

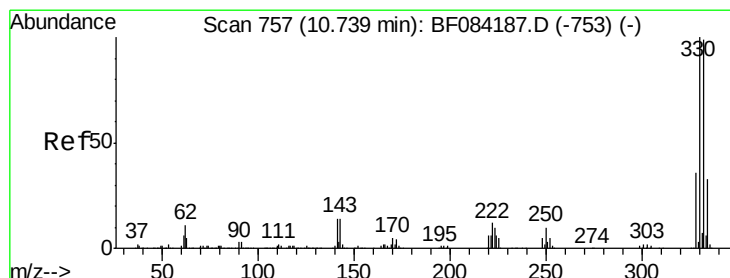
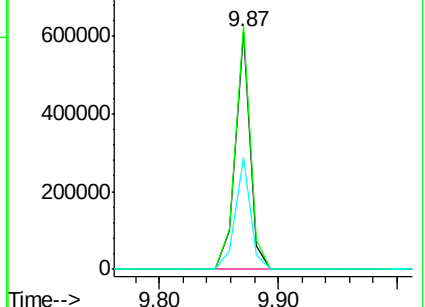
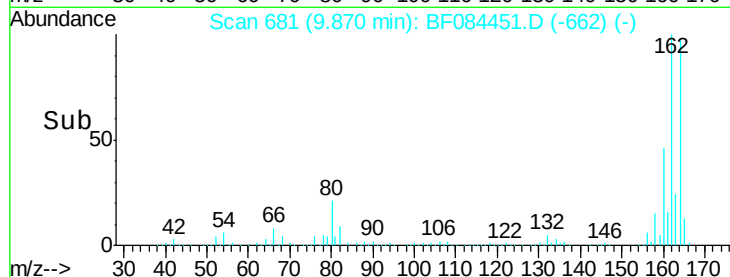
160 47.3 37.5 56.3



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: 70.44 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.08 min

Lab File: BF084451.D

Acq: 13 Jan 2016 19:45

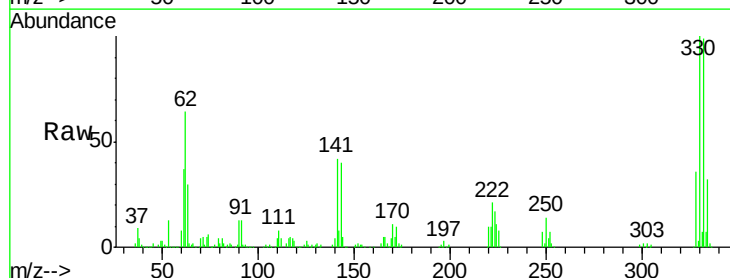
Tgt Ion:330 Resp: 377353

Ion Ratio Lower Upper

330 100

332 97.6 76.6 114.8

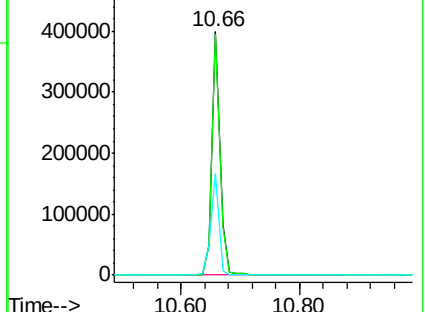
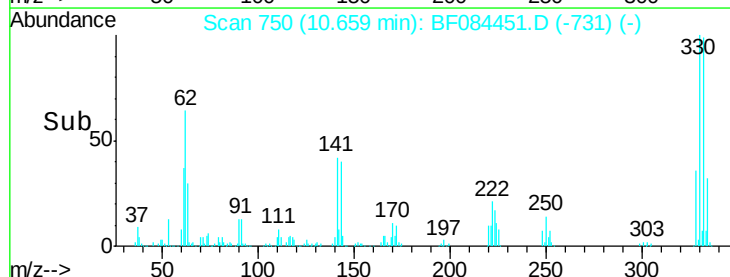
141 41.3 27.8 41.6

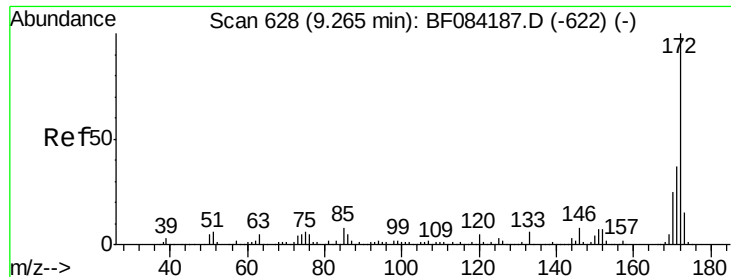


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

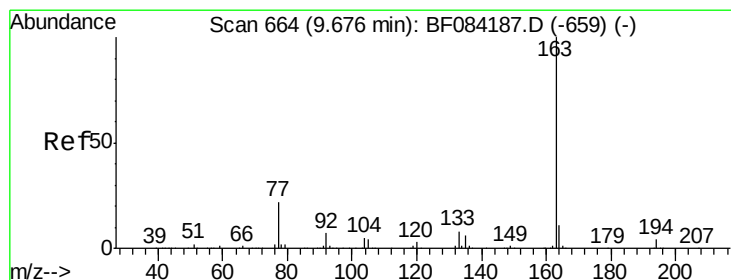
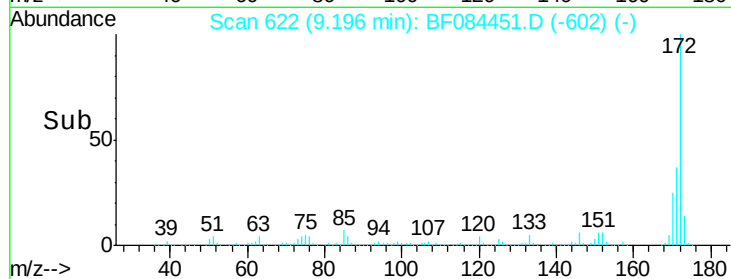
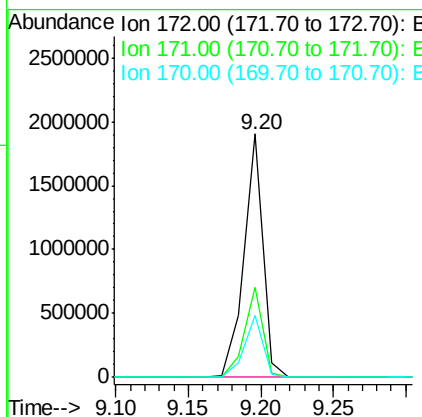
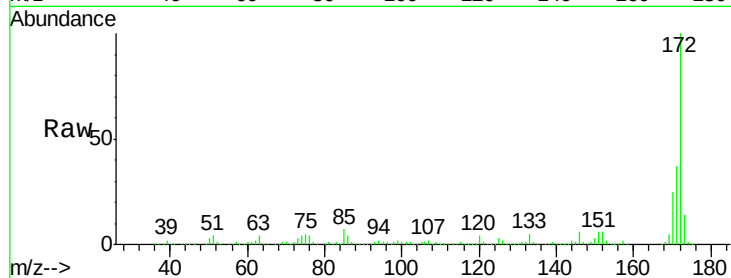




#44
2-Fluorobiphenyl
Concen: 55.09 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.07 min
Lab File: BF084451.D
Acq: 13 Jan 2016 19:45

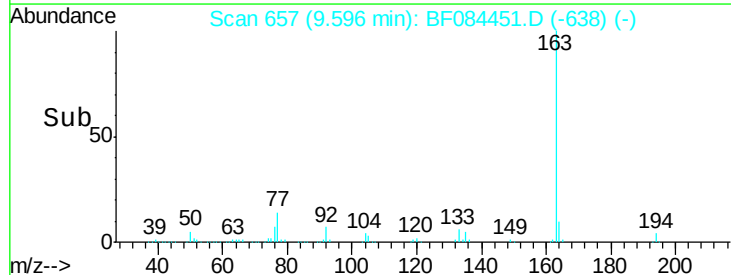
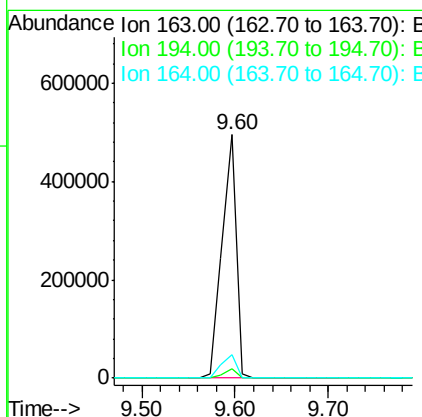
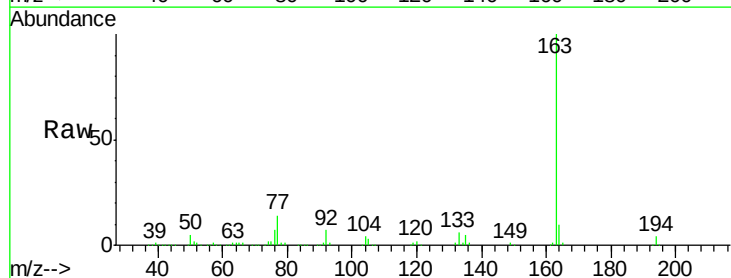
Instrument :
BNA_F
ClientSampleId :
WHRB1B

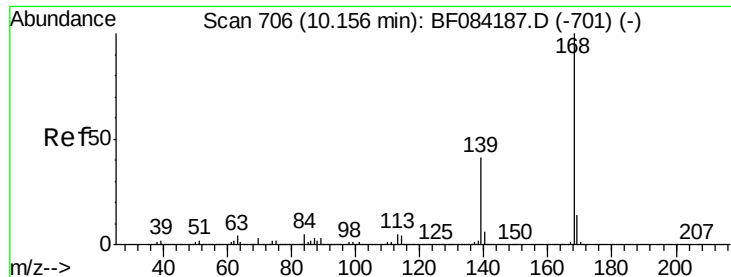
Tot Ion:172 Resp: 1728806
Ion Ratio Lower Upper
172 100
171 37.1 28.9 43.3
170 25.2 18.6 27.8



#49
Dimethylphthalate
Concen: 13.71 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.08 min
Lab File: BF084451.D
Acq: 13 Jan 2016 19:45

Tgt Ion:163 Resp: 519919
Ion Ratio Lower Upper
163 100
194 3.7 8.0 12.0#
164 9.7 8.0 12.0





#54

Dibenzofuran

Concen: Below Cal

RT: 10.06 min Scan# 698

Delta R.T. -0.09 min

Lab File: BF084451.D

Acq: 13 Jan 2016 19:45

Instrument :

BNA_F

ClientSampleId :

WHRB1B

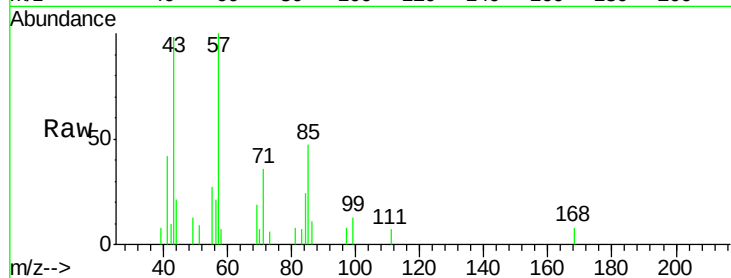
Tot Ion:168 Resp: 529

Ion Ratio Lower Upper

168 100

139 0.0 30.5 45.7#

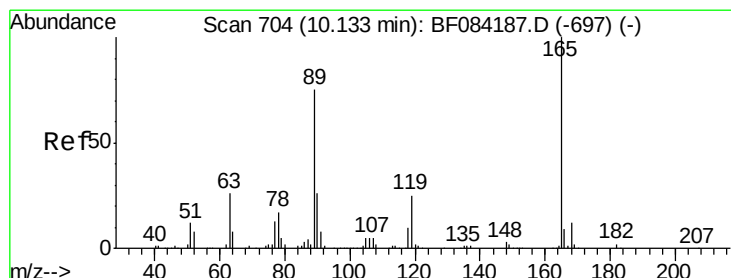
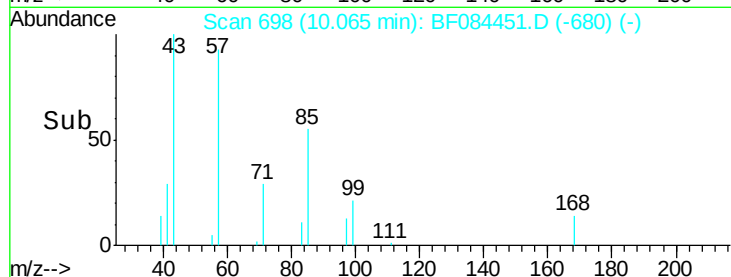
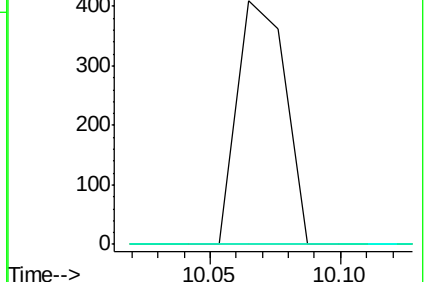
169 0.0 10.4 15.6#



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: 6.45 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.26 min

Lab File: BF084451.D

Acq: 13 Jan 2016 19:45

Tgt Ion:165 Resp: 67883

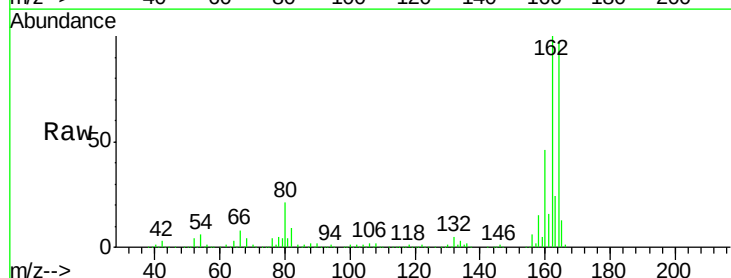
Ion Ratio Lower Upper

165 100

63 1.3 36.7 55.1#

89 1.5 61.9 92.9#

182 0.0 2.0 3.0#

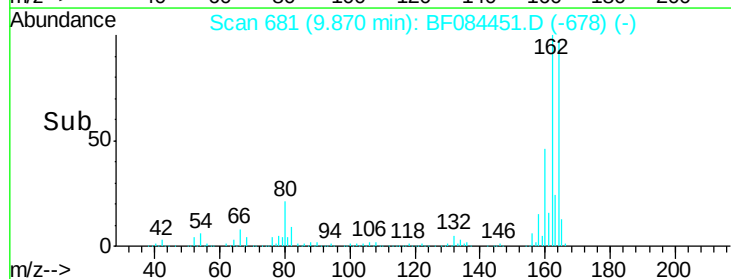
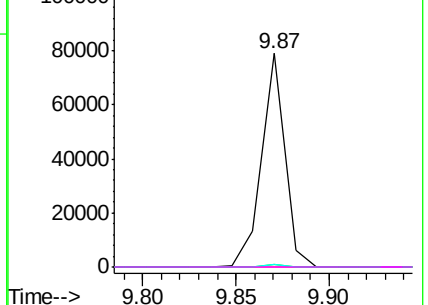


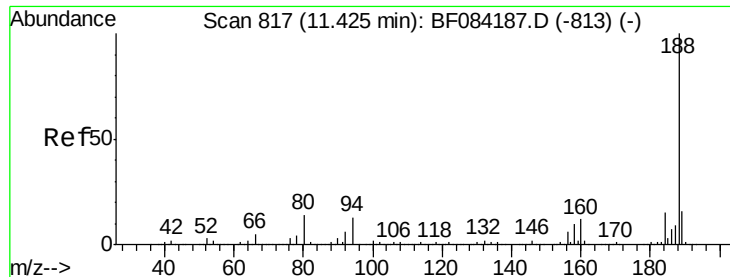
Abundance Ion 165.00 (164.70 to 165.70): E

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

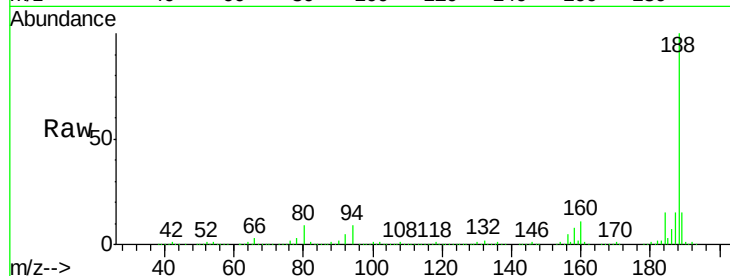




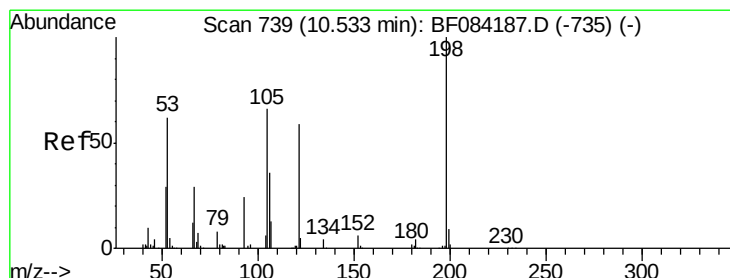
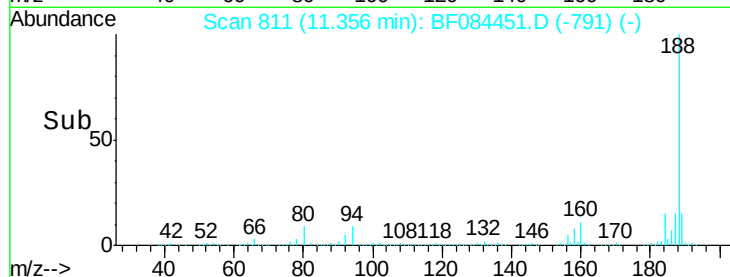
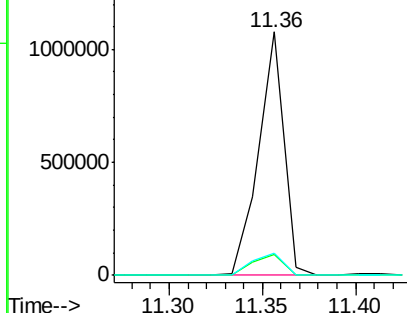
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.07 min
 Lab File: BF084451.D
 Acq: 13 Jan 2016 19:45

Instrument :
 BNA_F
 ClientSampleId :
 WHRB1B

Tot Ion:188 Resp: 1010380
 Ion Ratio Lower Upper
 188 100
 94 8.7 9.0 13.4#
 80 9.3 9.6 14.4#

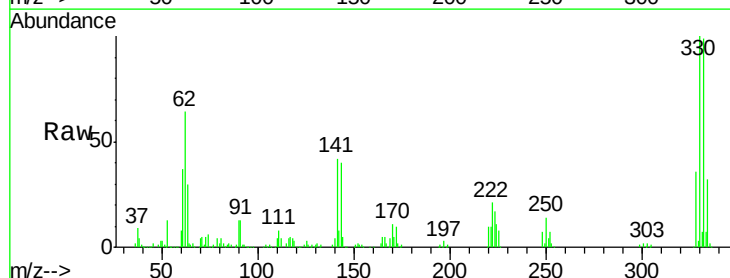


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

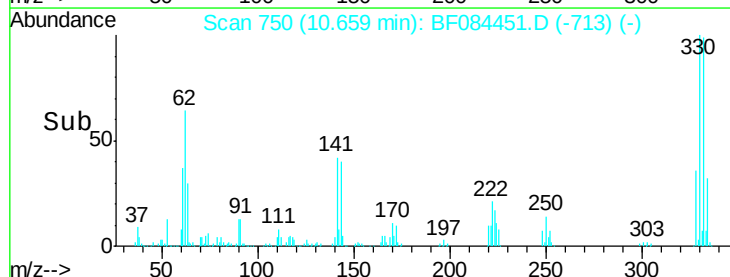
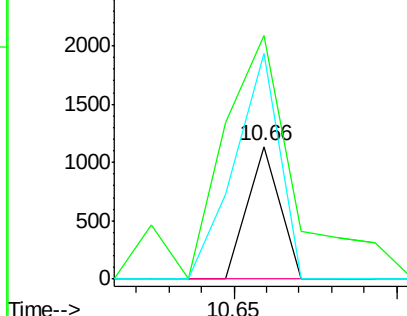


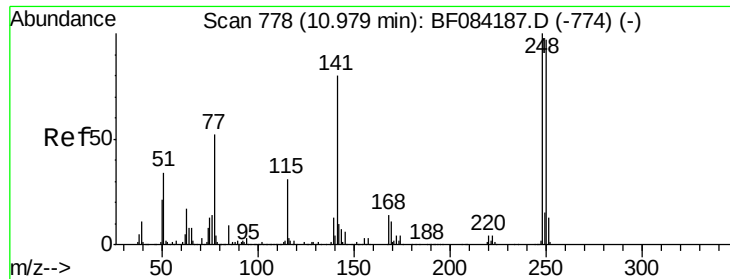
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.52 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.13 min
 Lab File: BF084451.D
 Acq: 13 Jan 2016 19:45

Tgt Ion:198 Resp: 780
 Ion Ratio Lower Upper
 198 100
 51 183.6 18.9 58.9#
 105 170.4 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

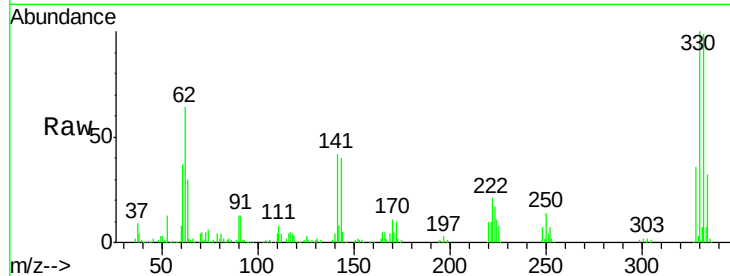




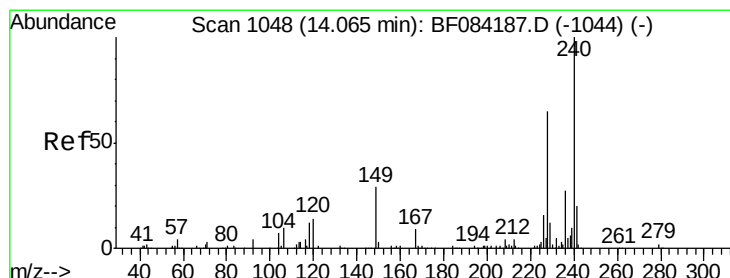
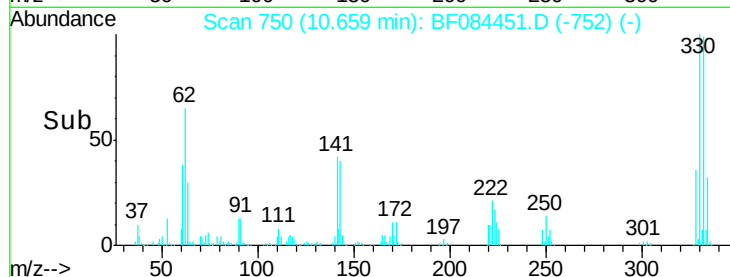
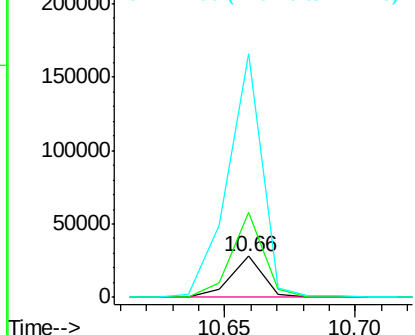
#66
4-Bromophenyl-phenylether
Concen: 2.26 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.32 min
Lab File: BF084451.D
Acq: 13 Jan 2016 19:45

Instrument :
BNA_F
ClientSampleId :
WHRB1B

Tot Ion:248 Resp: 24610
Ion Ratio Lower Upper
248 100
250 207.3 78.4 117.6#
141 595.2 44.0 66.0#

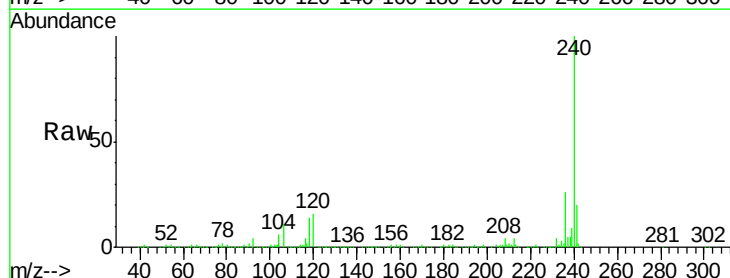


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

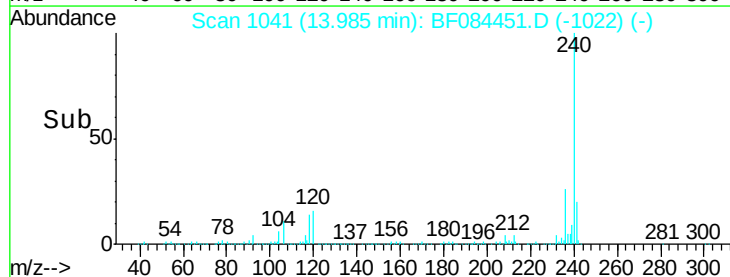
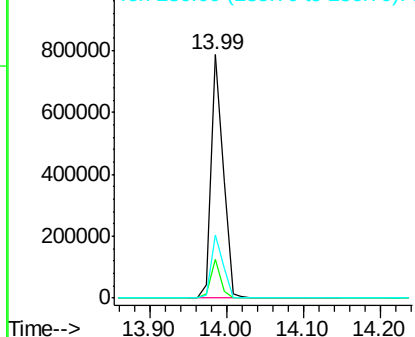


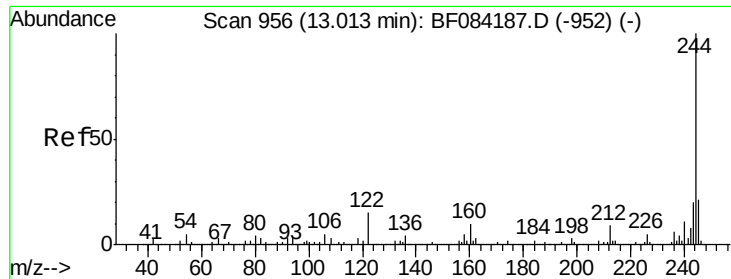
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.08 min
Lab File: BF084451.D
Acq: 13 Jan 2016 19:45

Tgt Ion:240 Resp: 849141
Ion Ratio Lower Upper
240 100
120 15.9 9.5 14.3#
236 25.8 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



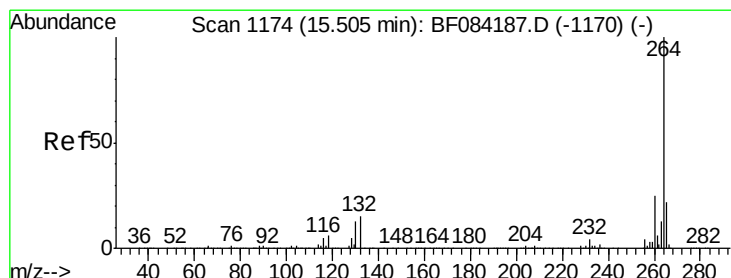
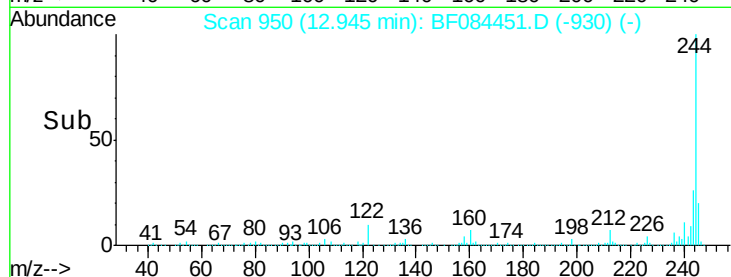
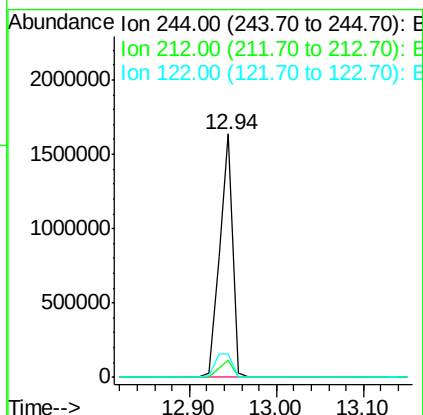
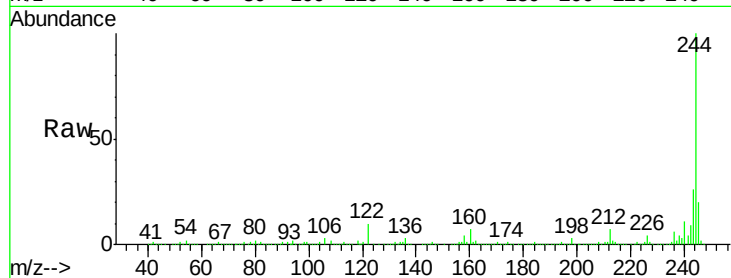


#78
 Terphenyl-d14
 Concen: 45.34 ng
 RT: 12.94 min Scan# 950
 Delta R.T. -0.07 min
 Lab File: BF084451.D
 Acq: 13 Jan 2016 19:45

Instrument :
 BNA_F
 ClientSampleId :
 WHRB1B

Tot Ion:244 Resp: 1724844

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	9.6	7.4	11.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.09 min
 Lab File: BF084451.D
 Acq: 13 Jan 2016 19:45

Tgt Ion:264 Resp: 634153

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.3	17.8	26.6

