

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084378.D
 Acq On : 11 Jan 2016 14:30
 Operator : SJ/UM
 Sample : H1043-16RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3COMP

Quant Time: Jan 12 01:39:28 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	254592	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1035930	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	452429	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	770074	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	510147	20.00	ng	-0.05
86) Perylene-d12	15.45	264	436770	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	2243775	142.55	ng	-0.02
7) Phenol-d6	6.51	99	2703670	136.77	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1714241	92.10	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	680008	148.87	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2311197	90.26	ng	-0.05
78) Terphenyl-d14	12.97	244	1809140	79.16	ng	-0.05

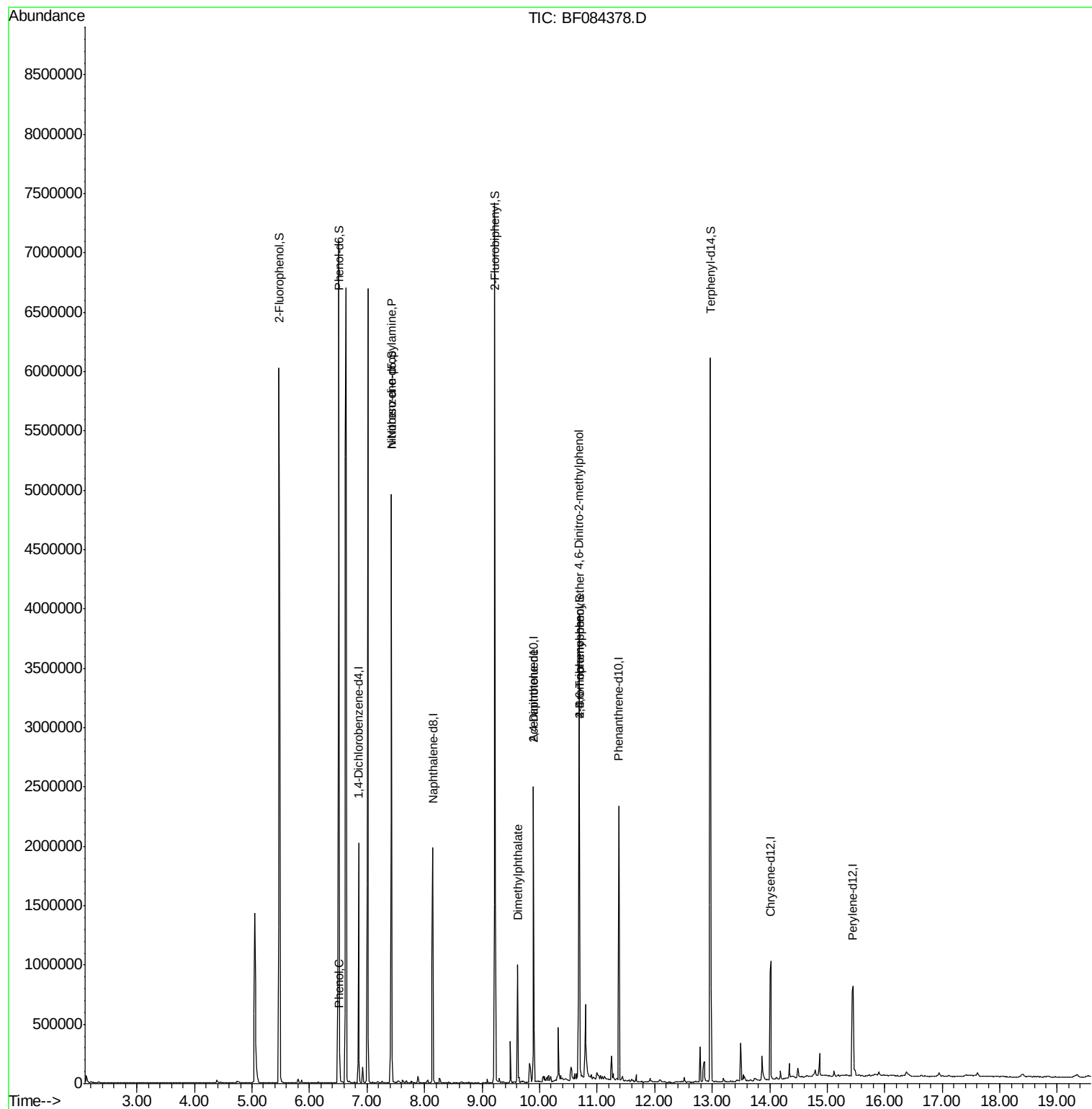
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	47017	2.09	ng	77
19) n-Nitroso-di-n-propylamine	7.42	70	244374	18.26	ng	# 70
49) Dimethylphthalate	9.62	163	600026	18.55	ng	# 91
54) Dibenzofuran	10.10	168	626	Below Cal	#	65
56) 2,4-Dinitrotoluene	9.89	165	60368	6.72	ng	# 21
57) Fluorene	10.68	166	23633	Below Cal	#	91
64) 4,6-Dinitro-2-methylphenol	10.68	198	1292	6.63	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	40506	4.89	ng	# 1
73) Di-n-butylphthalate	11.94	149	4947	Below Cal	#	90

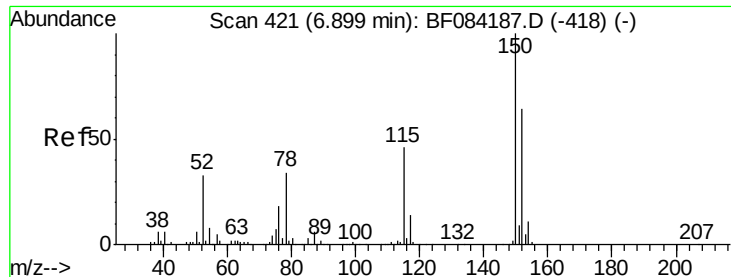
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084378.D

Acq: 11 Jan 2016 14:30

Instrument :

BNA_F

ClientSampleId :

SB-3COMP

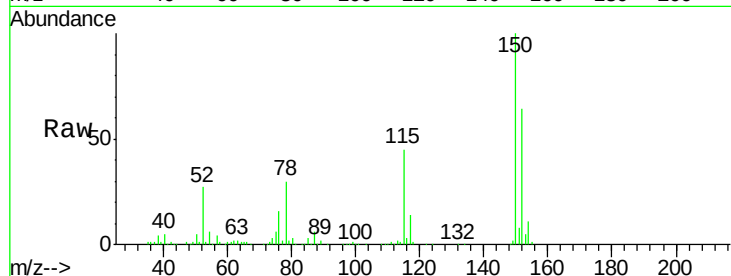
Tgt Ion:152 Resp: 254592

Ion Ratio Lower Upper

152 100

150 156.0 123.0 184.4

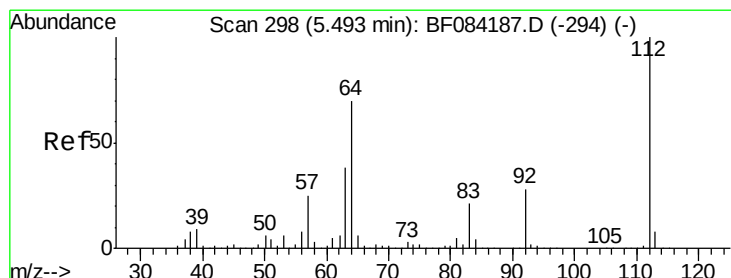
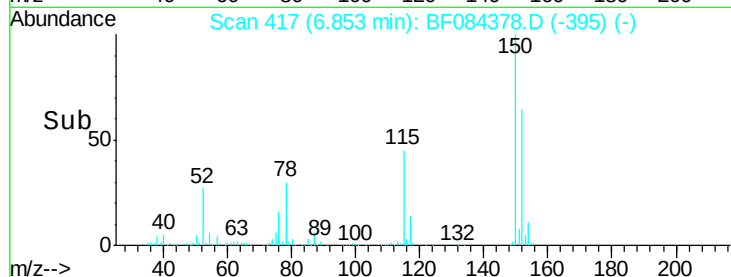
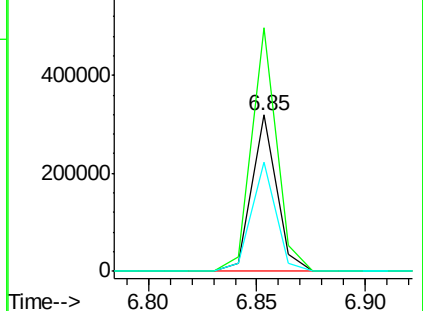
115 69.6 51.4 77.2



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: 142.55 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084378.D

Acq: 11 Jan 2016 14:30

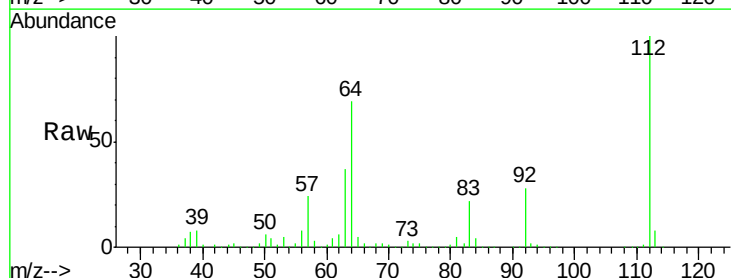
Tgt Ion:112 Resp: 2243775

Ion Ratio Lower Upper

112 100

64 68.9 36.6 55.0#

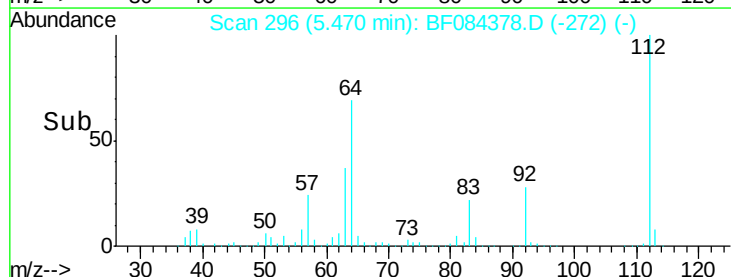
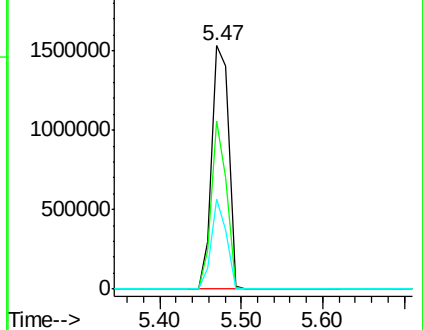
63 36.9 19.4 29.0#

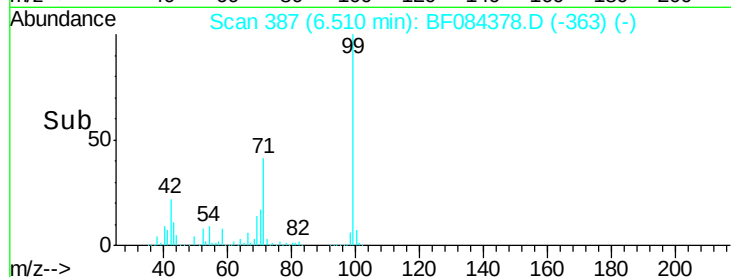
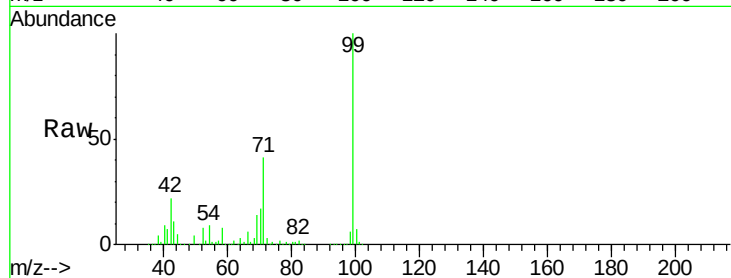
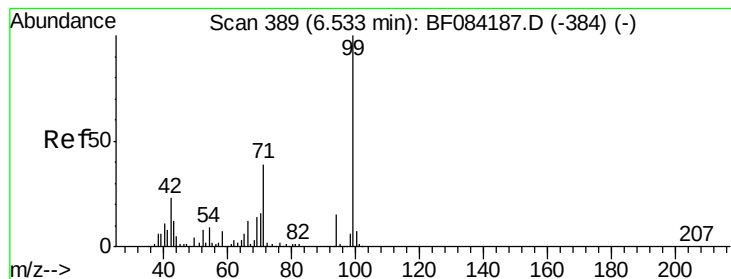


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 136.77 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084378.D

Acq: 11 Jan 2016 14:30

Instrument :

BNA_F

ClientSampleId :

SB-3COMP

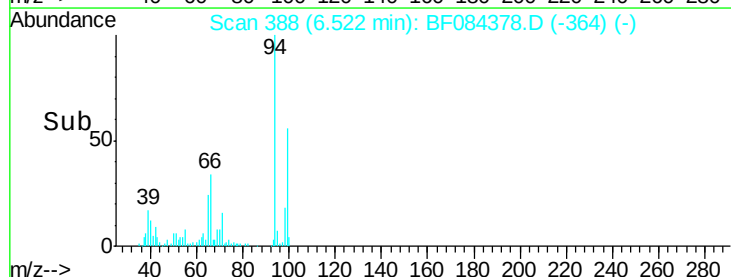
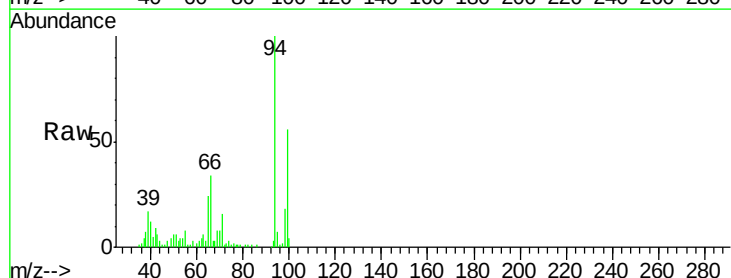
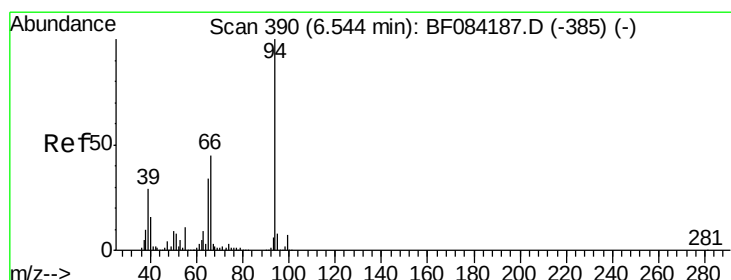
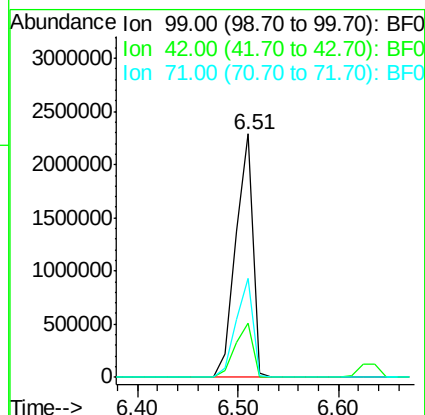
Tgt Ion: 99 Resp: 2703670

Ion Ratio Lower Upper

99 100

42 22.2 12.8 19.2#

71 40.7 30.9 46.3



#10

Phenol

Concen: 2.09 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF084378.D

Acq: 11 Jan 2016 14:30

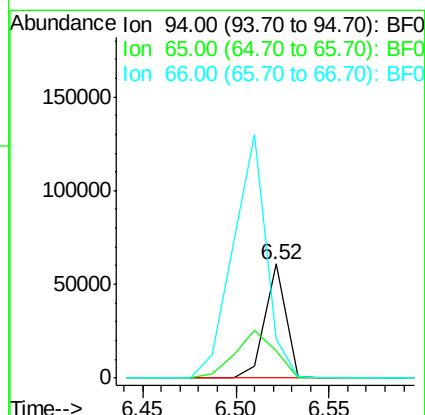
Tgt Ion: 94 Resp: 47017

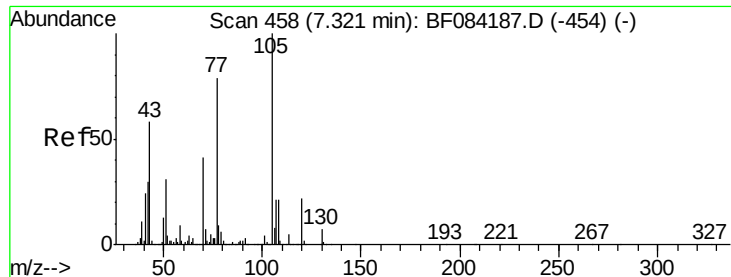
Ion Ratio Lower Upper

94 100

65 23.7 12.9 52.9

66 33.5 32.7 72.7

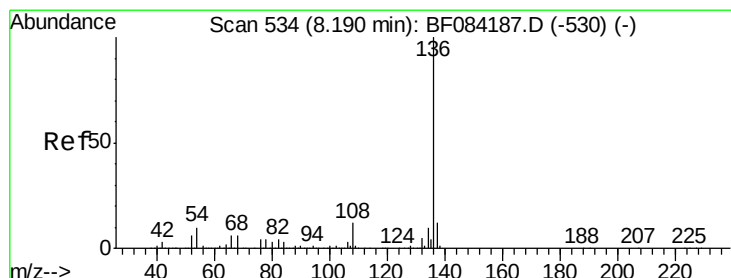
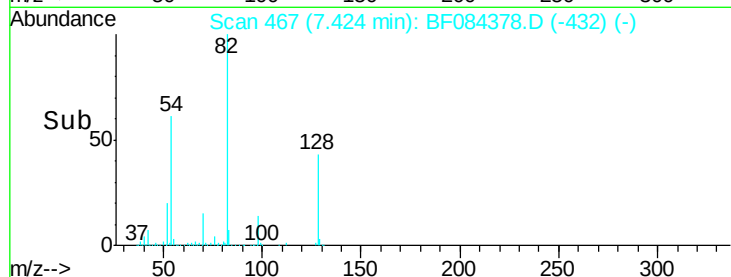
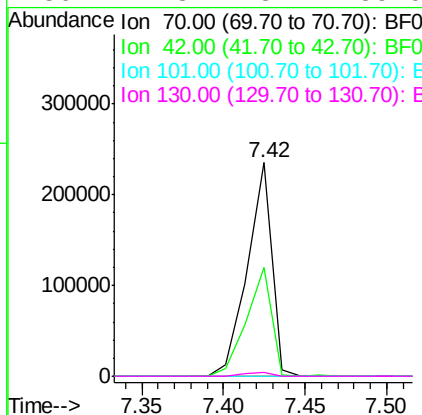
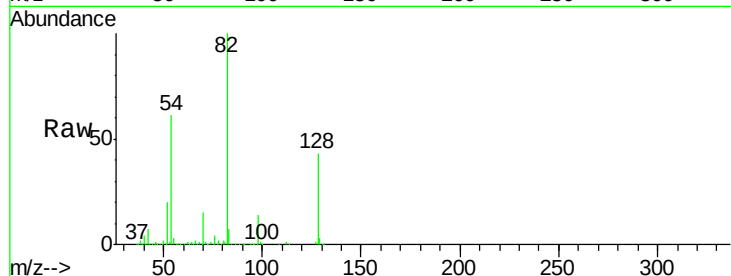




#19
n-Nitroso-di-n-propylamine
Concen: 18.26 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.10 min
Lab File: BF084378.D
Acq: 11 Jan 2016 14:30

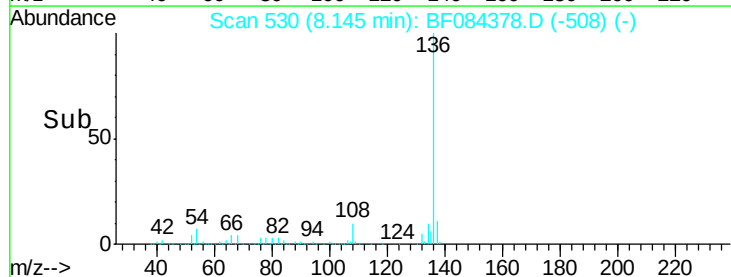
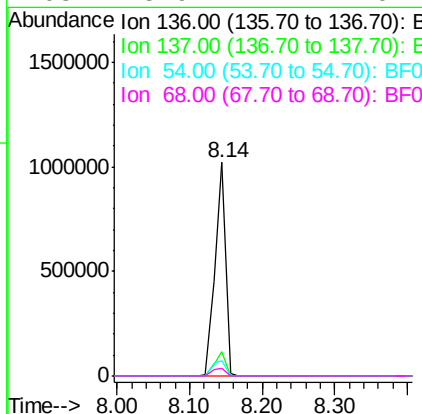
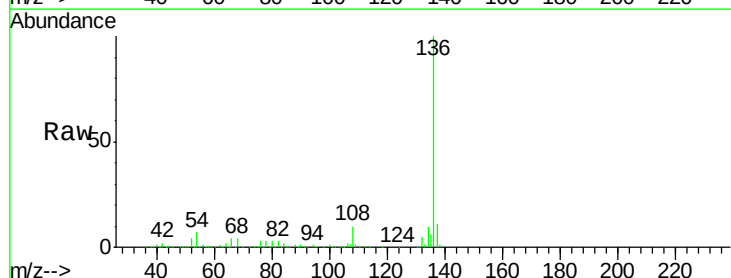
Instrument :
BNA_F
ClientSampleId :
SB-3COMP

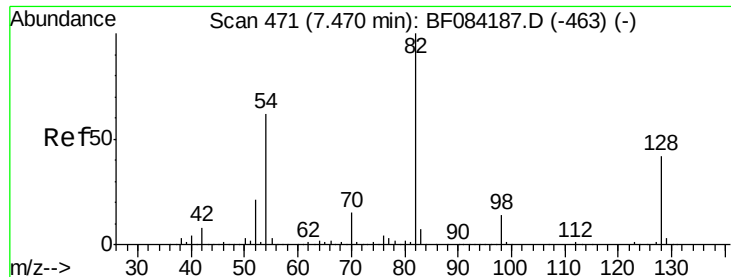
Tgt Ion: 70 Resp: 244374
Ion Ratio Lower Upper
70 100
42 51.2 33.3 49.9#
101 0.0 9.3 13.9#
130 1.8 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084378.D
Acq: 11 Jan 2016 14:30

Tgt Ion: 136 Resp: 1035930
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 7.0 5.8 8.8
68 3.9 4.2 6.2#

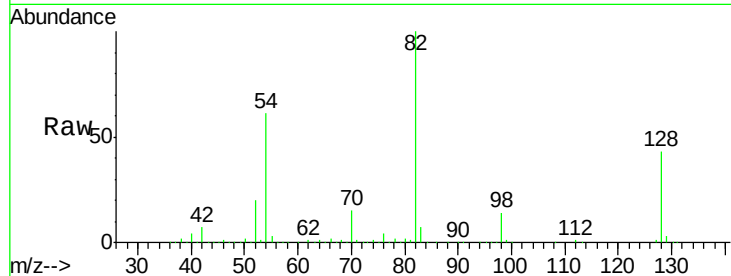




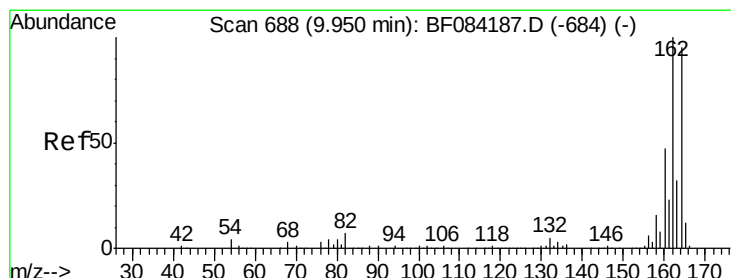
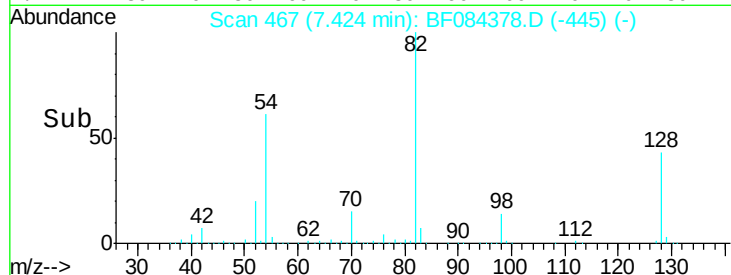
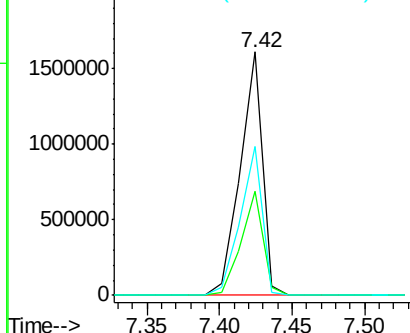
#23
 Nitrobenzene-d5
 Concen: 92.10 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084378.D
 Acq: 11 Jan 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-3COMP

Tgt Ion: 82 Resp: 1714241
 Ion Ratio Lower Upper
 82 100
 128 43.0 34.6 51.8
 54 61.0 38.4 57.6#

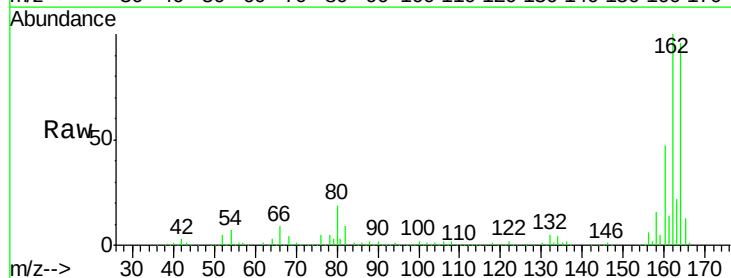


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

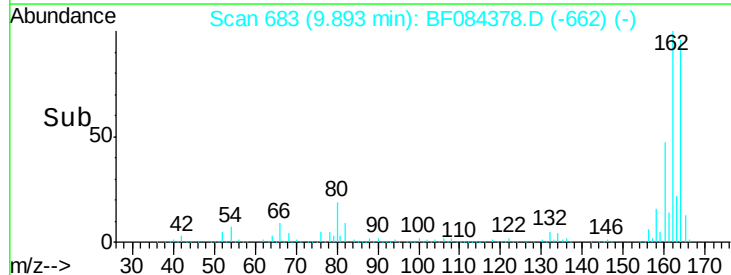
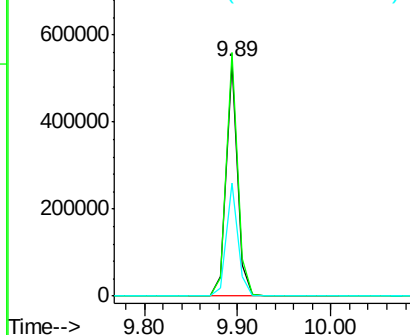


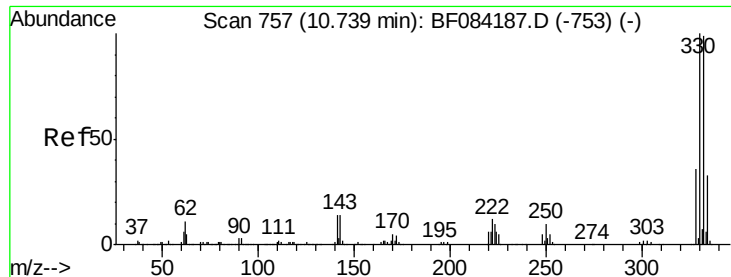
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.06 min
 Lab File: BF084378.D
 Acq: 11 Jan 2016 14:30

Tgt Ion: 164 Resp: 452429
 Ion Ratio Lower Upper
 164 100
 162 104.1 85.1 127.7
 160 48.6 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

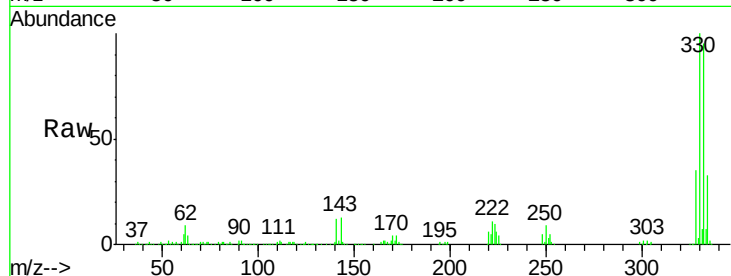




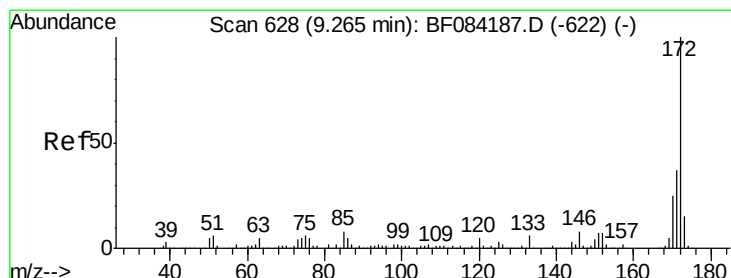
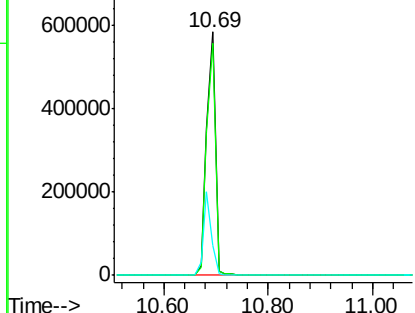
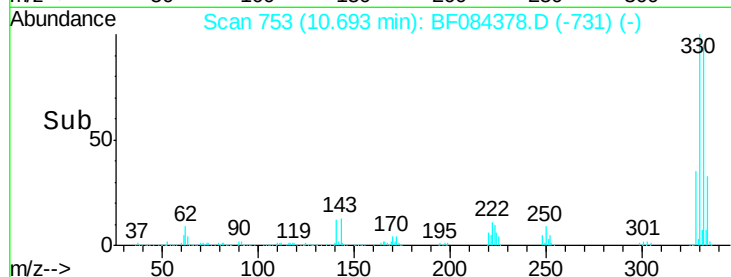
#41
 2,4,6-Tribromophenol
 Concen: 148.87 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084378.D
 Acq: 11 Jan 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-3COMP

Tgt Ion:330 Resp: 680008
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 31.8 27.8 41.6

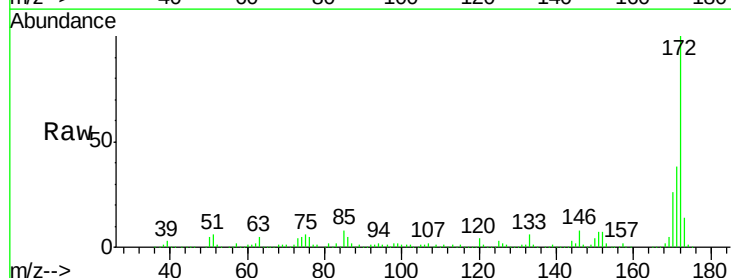


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

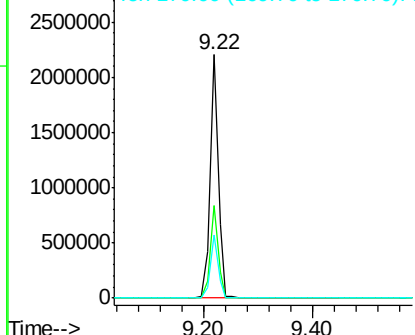
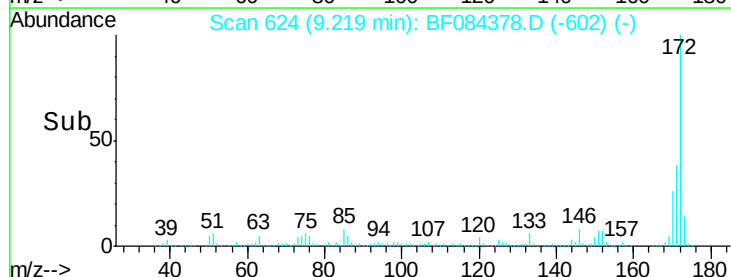


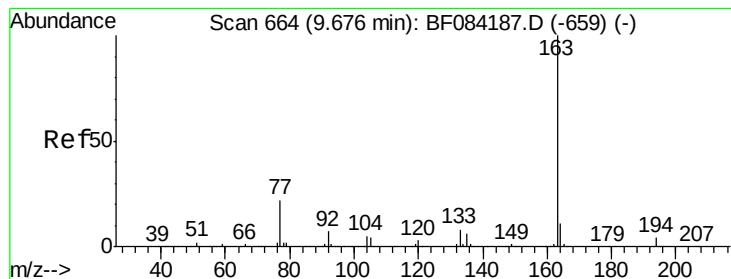
#44
 2-Fluorobiphenyl
 Concen: 90.26 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084378.D
 Acq: 11 Jan 2016 14:30

Tgt Ion:172 Resp: 2311197
 Ion Ratio Lower Upper
 172 100
 171 38.0 28.9 43.3
 170 25.9 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: 18.55 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.06 min

Lab File: BF084378.D

Acq: 11 Jan 2016 14:30

Instrument :

BNA_F

ClientSampleId :

SB-3COMP

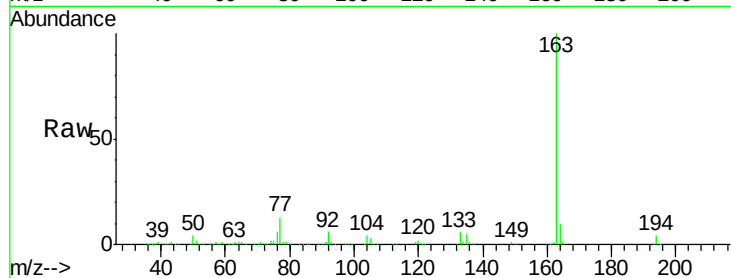
Tgt Ion:163 Resp: 600026

Ion Ratio Lower Upper

163 100

194 3.7 8.0 12.0#

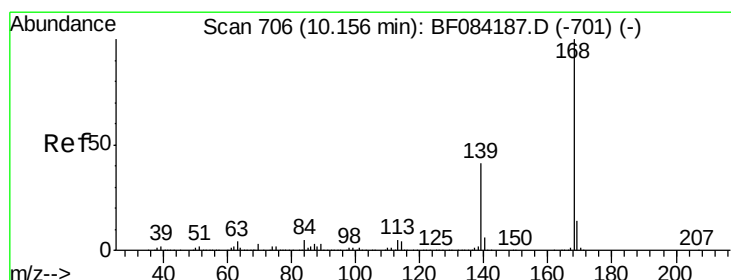
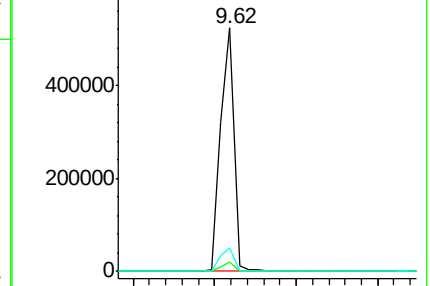
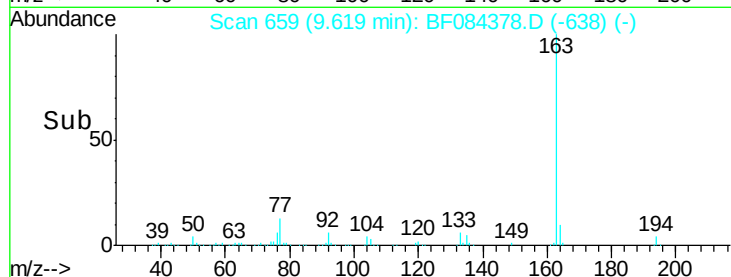
164 9.6 8.0 12.0



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: BF084378.D

Acq: 11 Jan 2016 14:30

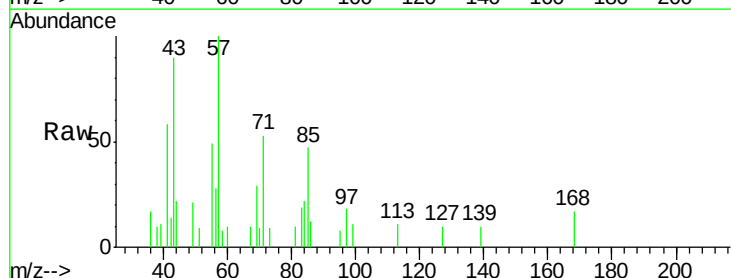
Tgt Ion:168 Resp: 626

Ion Ratio Lower Upper

168 100

139 59.7 30.5 45.7#

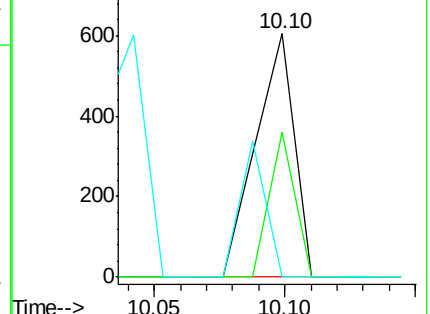
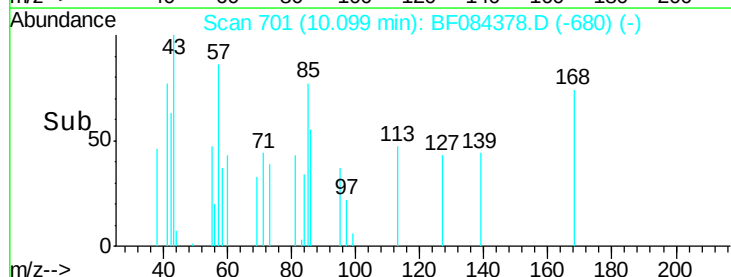
169 0.0 10.4 15.6#

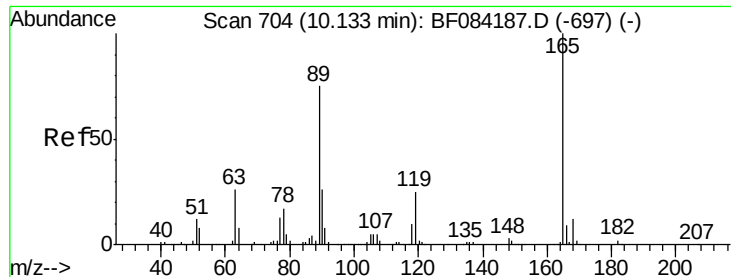


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

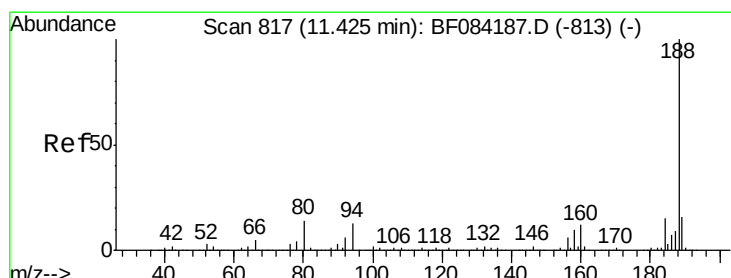
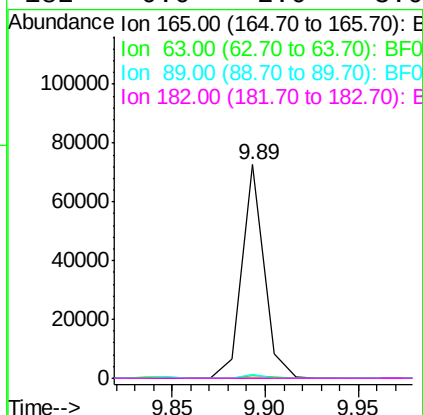
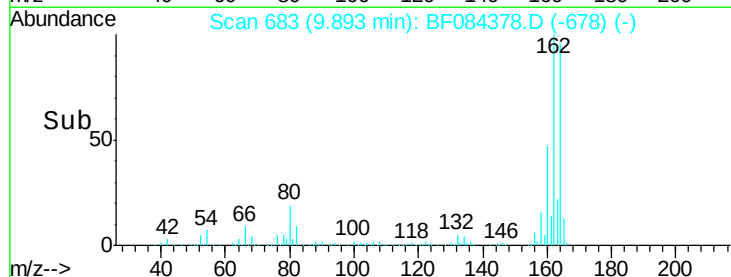
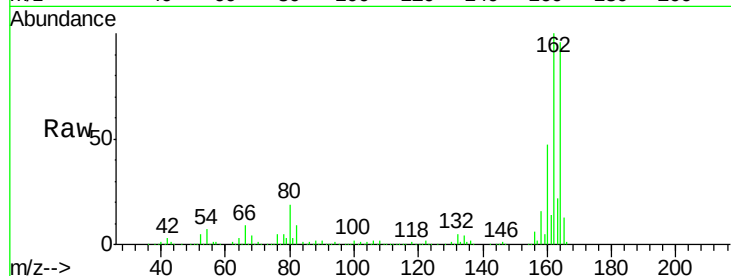




#56
 2,4-Dinitrotoluene
 Concen: 6.72 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.24 min
 Lab File: BF084378.D
 Acq: 11 Jan 2016 14:30

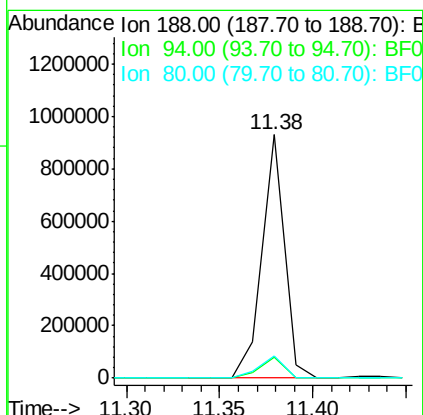
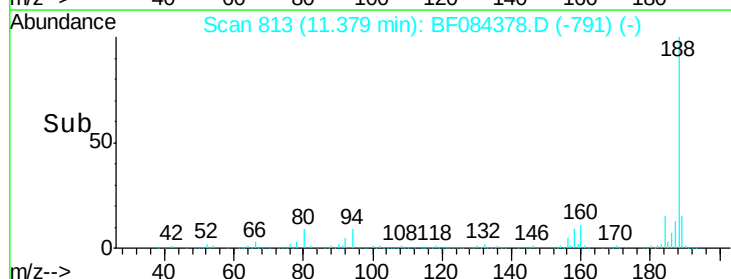
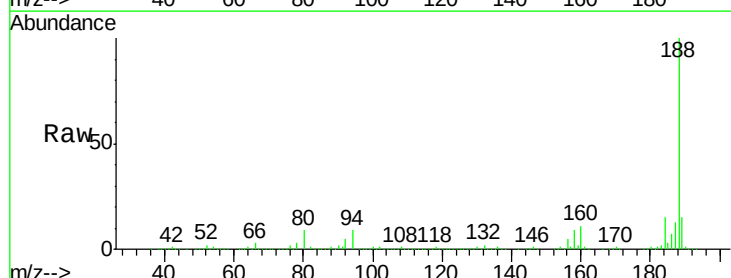
Instrument :
 BNA_F
 ClientSampleId :
 SB-3COMP

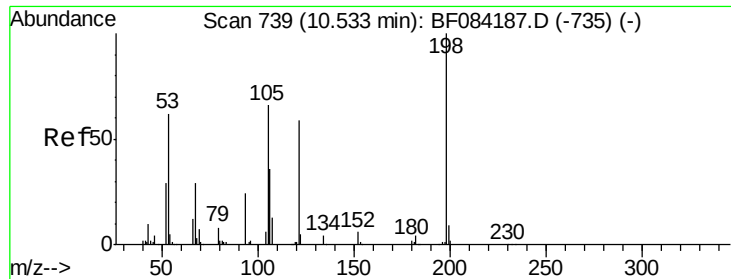
Tgt Ion:165 Resp: 60368
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.7 55.1#
 89 1.5 61.9 92.9#
 182 0.0 2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.05 min
 Lab File: BF084378.D
 Acq: 11 Jan 2016 14:30

Tgt Ion:188 Resp: 770074
 Ion Ratio Lower Upper
 188 100
 94 8.6 9.0 13.4#
 80 9.2 9.6 14.4#

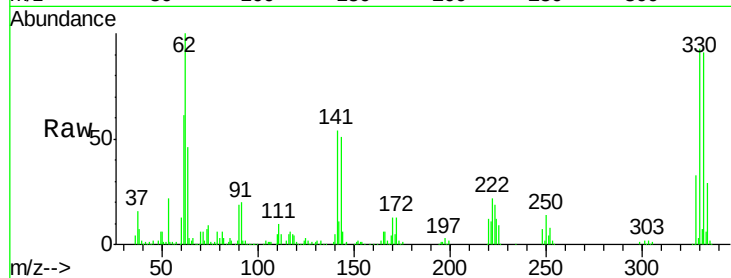




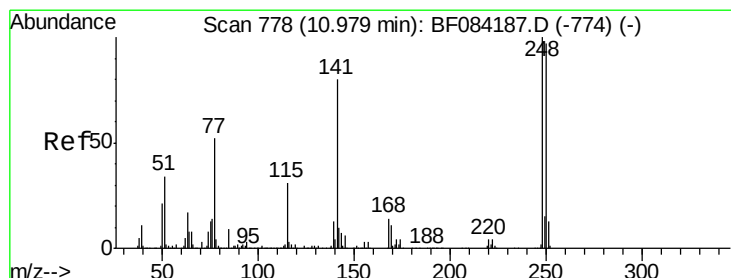
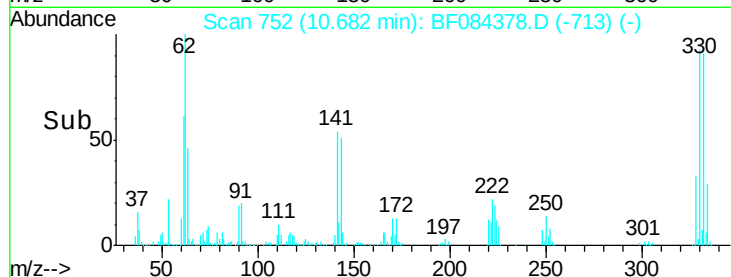
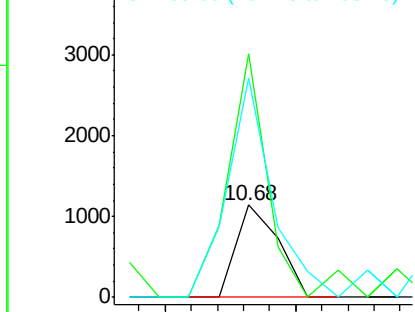
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.63 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.15 min
 Lab File: BF084378.D
 Acq: 11 Jan 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-3COMP

Tgt Ion:198 Resp: 1292
 Ion Ratio Lower Upper
 198 100
 51 263.4 18.9 58.9#
 105 237.4 26.4 66.4#

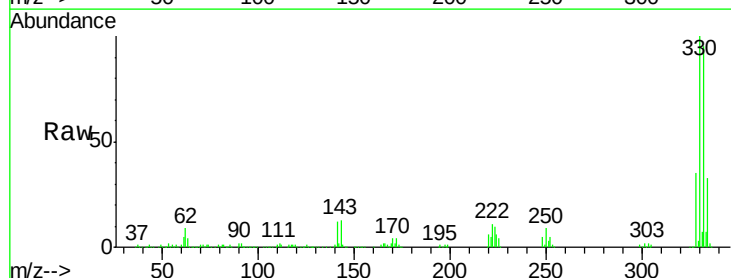


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

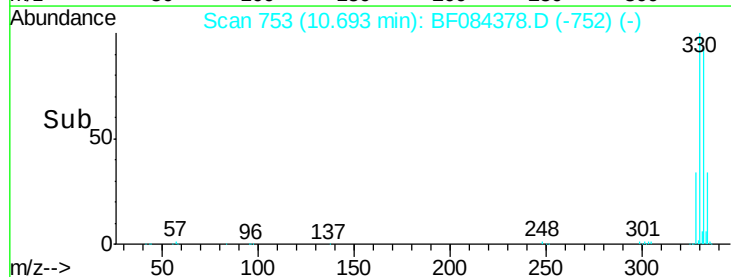
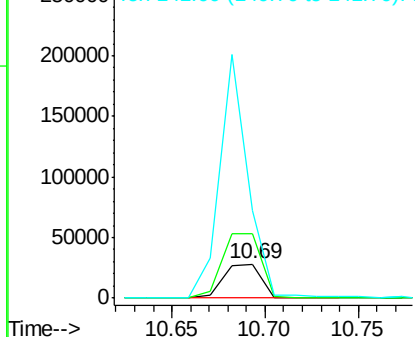


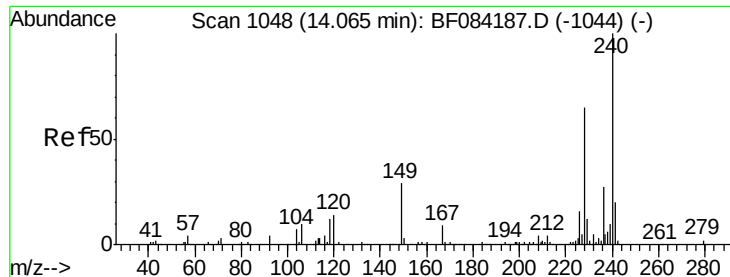
#66
 4-Bromophenyl-phenylether
 Concen: 4.89 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.29 min
 Lab File: BF084378.D
 Acq: 11 Jan 2016 14:30

Tgt Ion:248 Resp: 40506
 Ion Ratio Lower Upper
 248 100
 250 187.4 78.4 117.6#
 141 254.4 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: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084378.D

Acq: 11 Jan 2016 14:30

Instrument :

BNA_F

ClientSampled :

SB-3COMP

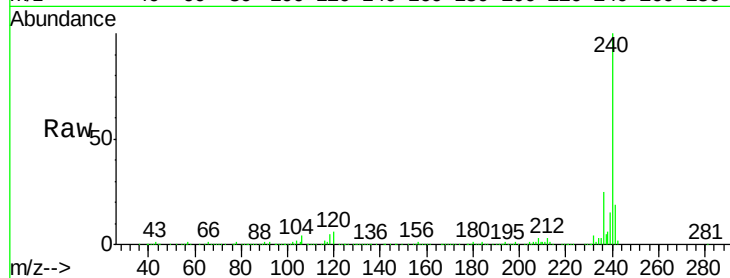
Tgt Ion:240 Resp: 510147

Ion Ratio Lower Upper

240 100

120 6.2 9.5 14.3#

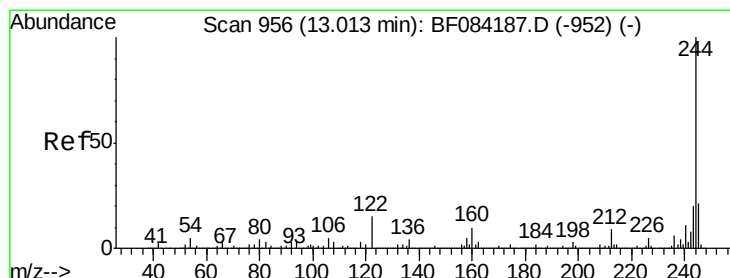
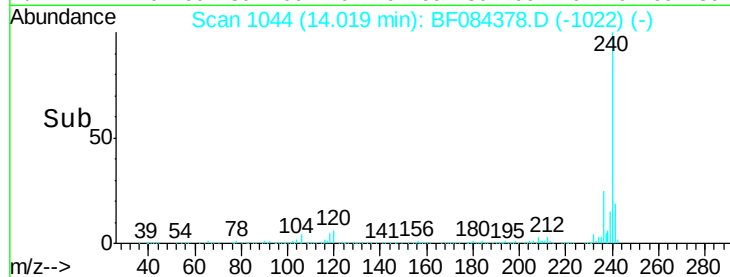
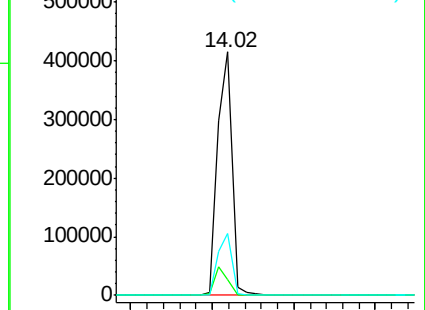
236 25.5 20.6 31.0



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: 79.16 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084378.D

Acq: 11 Jan 2016 14:30

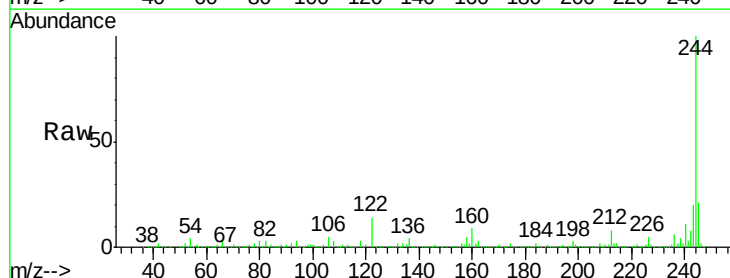
Tgt Ion:244 Resp: 1809140

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

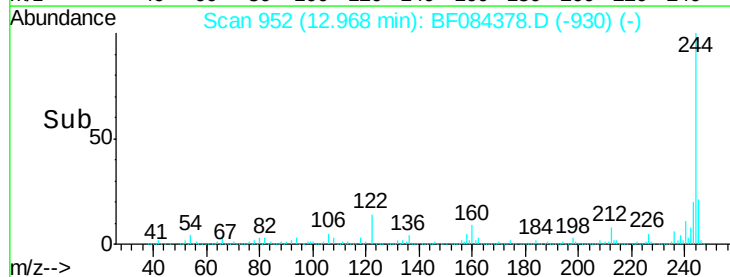
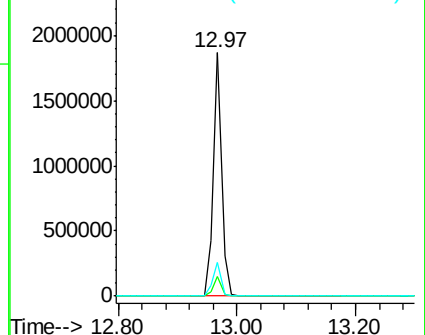
122 14.1 7.4 11.0#

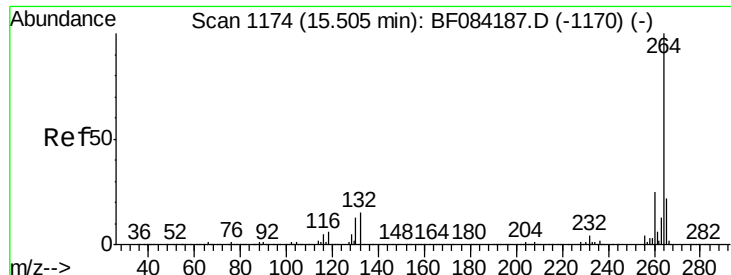


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

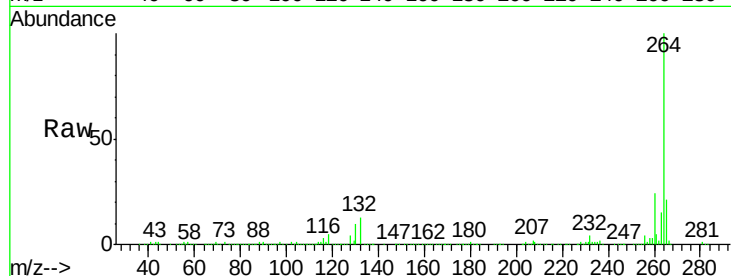




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF084378.D
Acq: 11 Jan 2016 14:30

Instrument :
BNA_F
ClientSampleId :
SB-3COMP

Tgt Ion: 264 Resp: 436770
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 21.3 17.8 26.6



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

