

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084377.D
 Acq On : 11 Jan 2016 14:02
 Operator : SJ/UM
 Sample : H1043-14RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2COMP

Quant Time: Jan 12 01:39:03 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

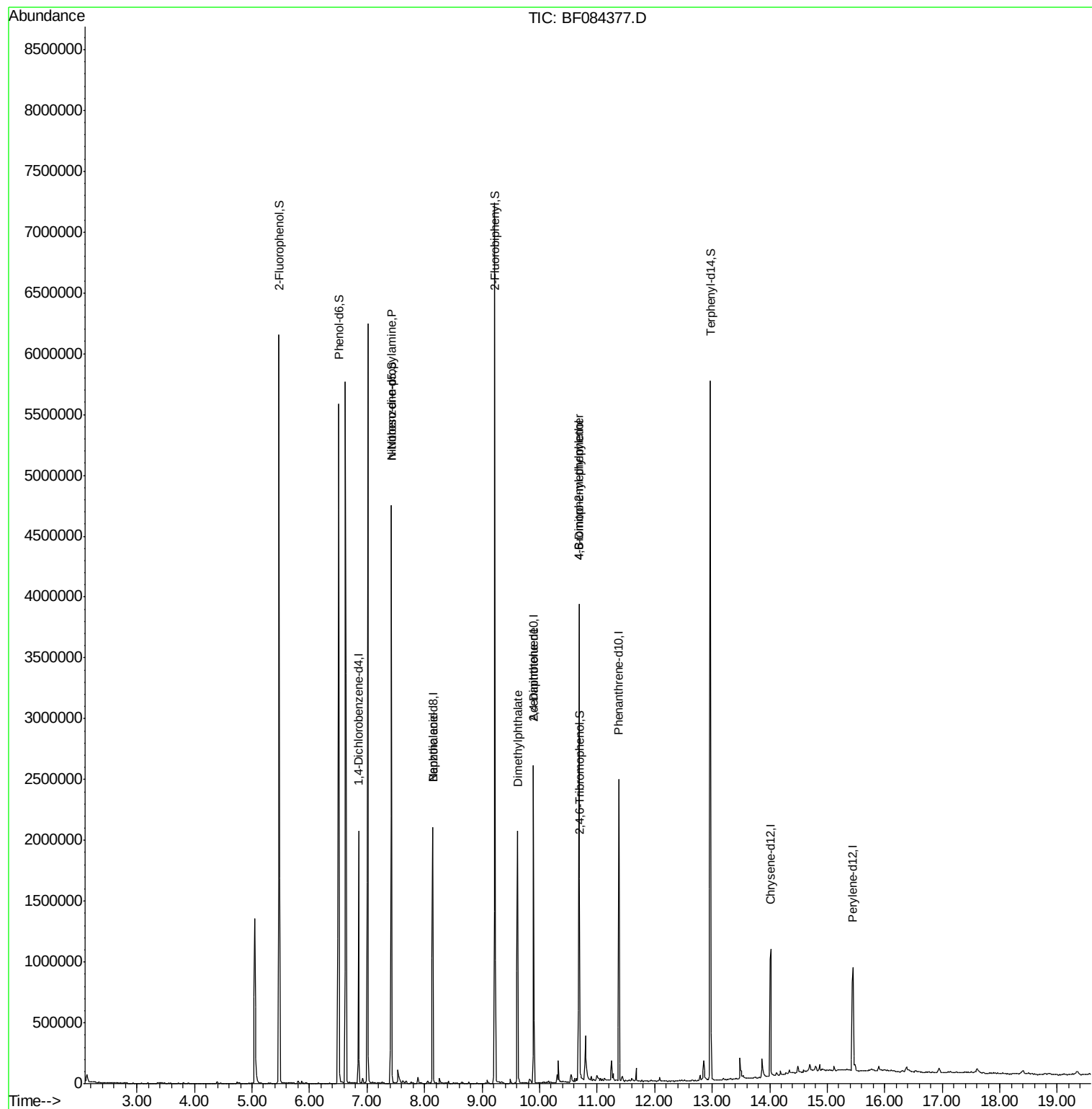
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	258206	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1090017	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	478778	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	820766	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	536328	20.00	ng	-0.05
86) Perylene-d12	15.45	264	461209	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1793876	112.37	ng	-0.02
7) Phenol-d6	6.51	99	2647147	132.03	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1636556	83.56	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	544244	112.59	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2111864	77.00	ng	-0.05
78) Terphenyl-d14	12.97	244	1683676	70.07	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	238878	17.60	ng	# 72
32) Benzoic acid	8.14	122	263	6.27	ng	# 1
49) Dimethylphthalate	9.62	163	980361	28.64	ng	# 91
56) 2,4-Dinitrotoluene	9.89	165	61568	6.48	ng	# 22
57) Fluorene	10.68	166	19597	Below Cal		# 93
64) 4,6-Dinitro-2-methylphenol	10.68	198	1028	6.58	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	31054	3.52	ng	# 1
73) Di-n-butylphthalate	11.95	149	4314	Below Cal		# 79

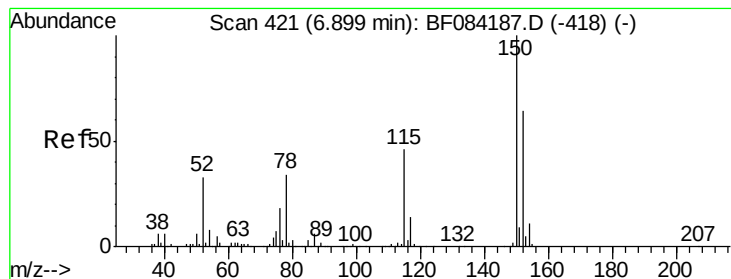
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 12 01:39:03 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084377.D

Acq: 11 Jan 2016 14:02

Instrument :

BNA_F

ClientSampleId :

SB-2COMP

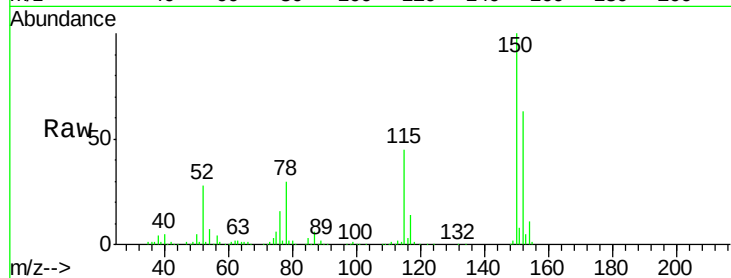
Tgt Ion:152 Resp: 258206

Ion Ratio Lower Upper

152 100

150 158.3 123.0 184.4

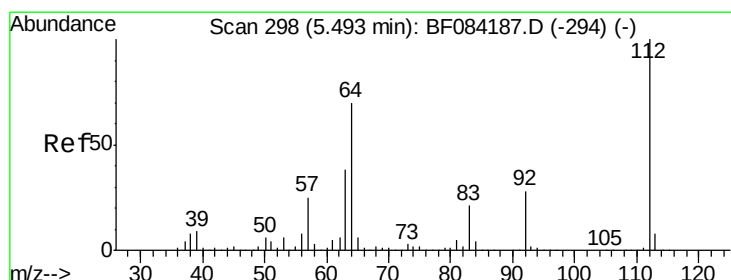
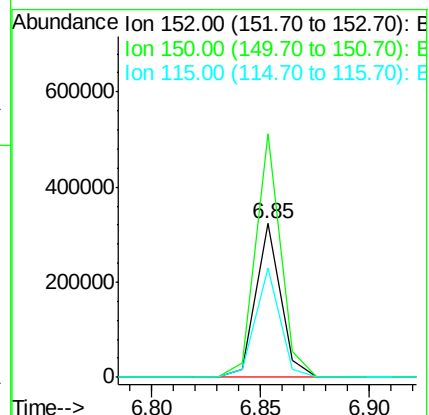
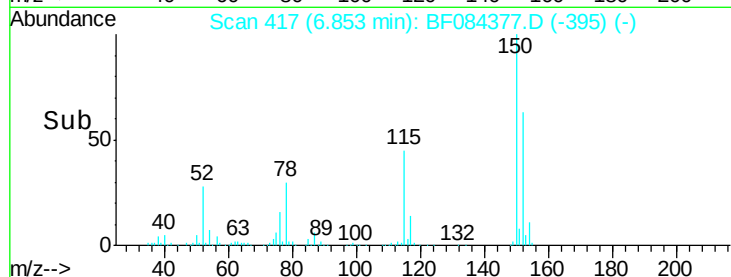
115 71.0 51.4 77.2



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: 112.37 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084377.D

Acq: 11 Jan 2016 14:02

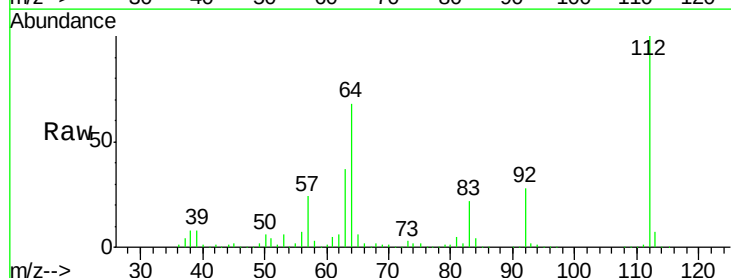
Tgt Ion:112 Resp: 1793876

Ion Ratio Lower Upper

112 100

64 68.4 36.6 55.0#

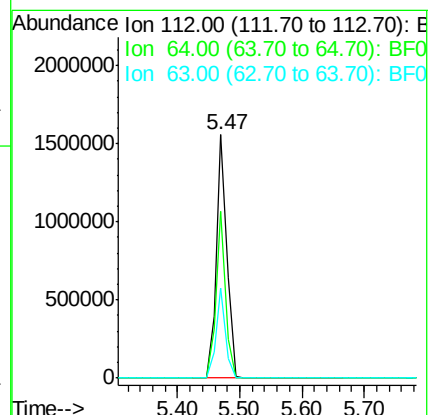
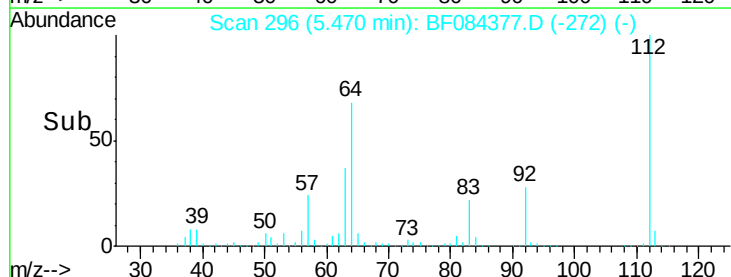
63 37.1 19.4 29.0#

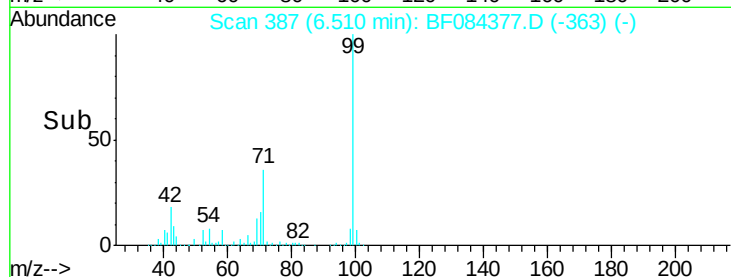
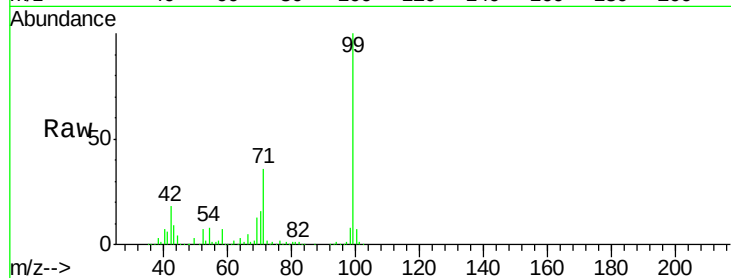
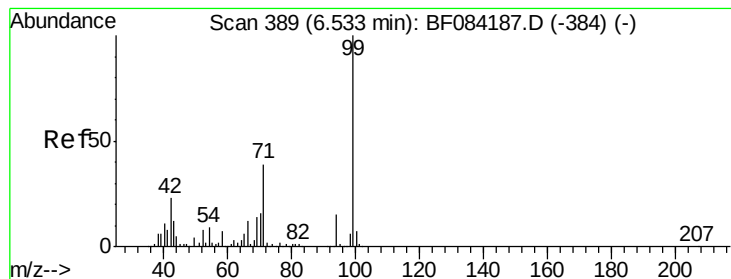


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.03 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084377.D

Acq: 11 Jan 2016 14:02

Instrument :

BNA_F

ClientSampleId :

SB-2COMP

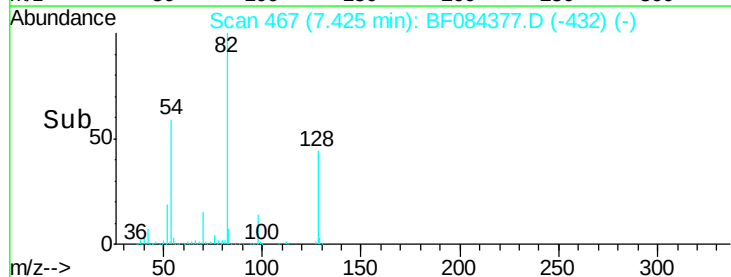
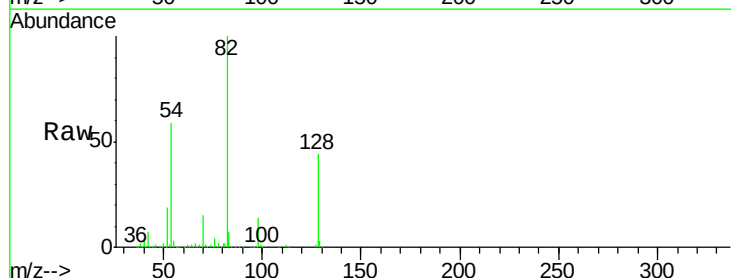
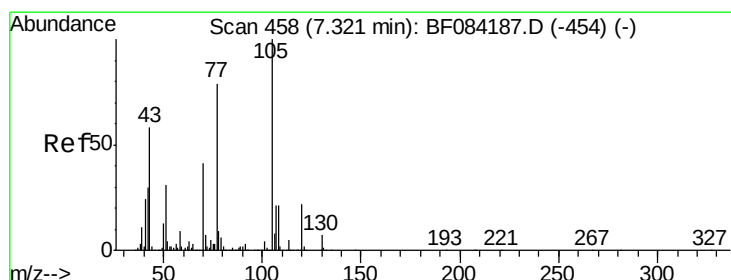
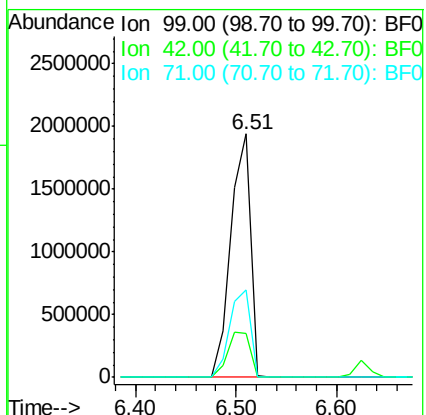
Tgt Ion: 99 Resp: 2647147

Ion Ratio Lower Upper

99 100

42 17.9 12.8 19.2

71 35.9 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.60 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.10 min

Lab File: BF084377.D

Acq: 11 Jan 2016 14:02

Tgt Ion: 70 Resp: 238878

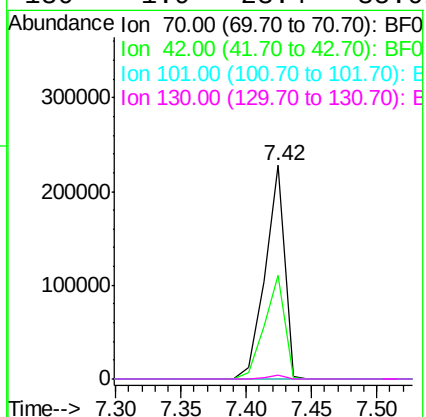
Ion Ratio Lower Upper

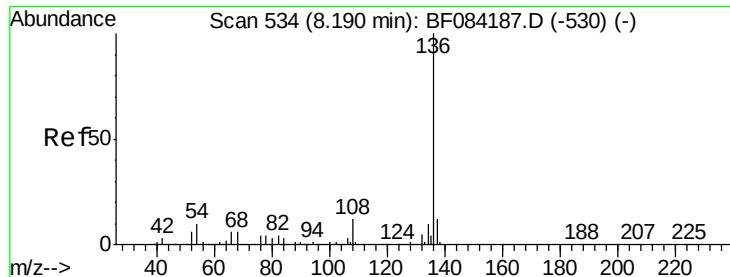
70 100

42 48.4 33.3 49.9

101 0.0 9.3 13.9#

130 1.9 23.4 35.0#

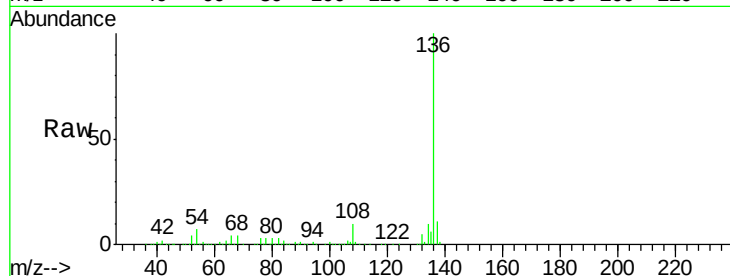




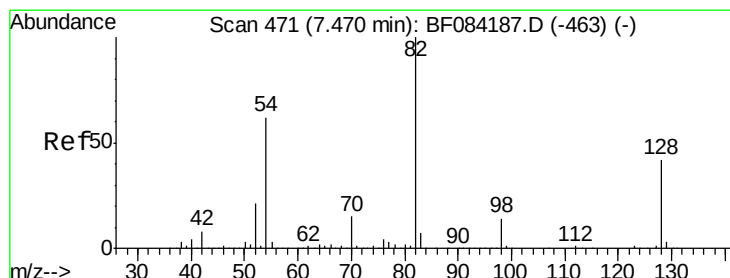
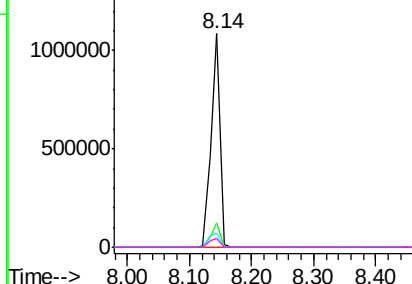
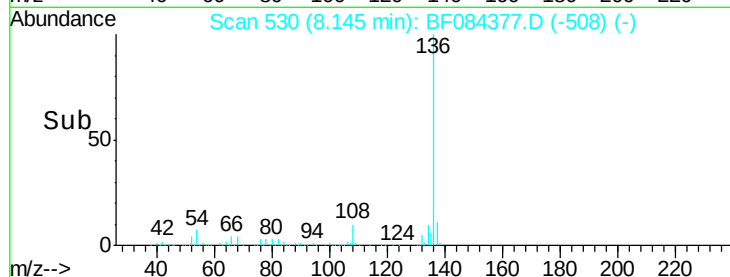
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084377.D
Acq: 11 Jan 2016 14:02

Instrument :
BNA_F
ClientSampleId :
SB-2COMP

Tgt Ion:136 Resp: 1090017
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 6.8 5.8 8.8
68 3.9 4.2 6.2#

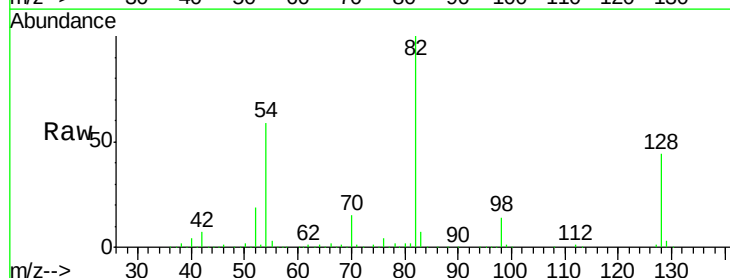


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

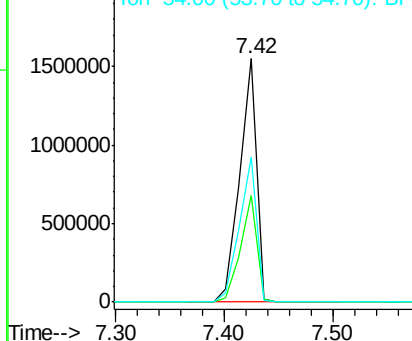
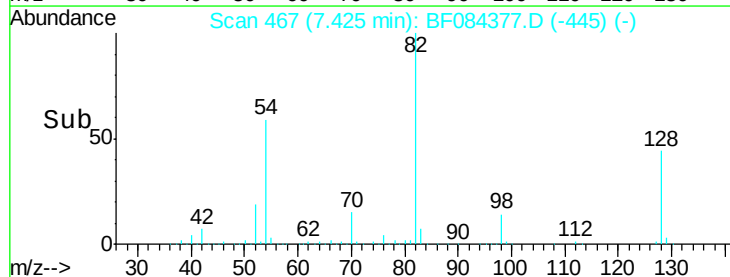


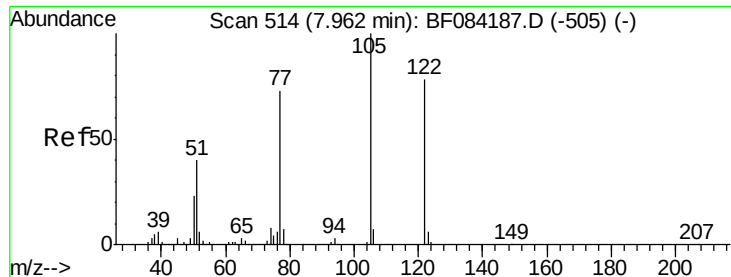
#23
Nitrobenzene-d5
Concen: 83.56 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF084377.D
Acq: 11 Jan 2016 14:02

Tgt Ion: 82 Resp: 1636556
Ion Ratio Lower Upper
82 100
128 43.8 34.6 51.8
54 59.4 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





#32

Benzoic acid

Concen: 6.27 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.18 min

Lab File: BF084377.D

Acq: 11 Jan 2016 14:02

Instrument :

BNA_F

ClientSampleId :

SB-2COMP

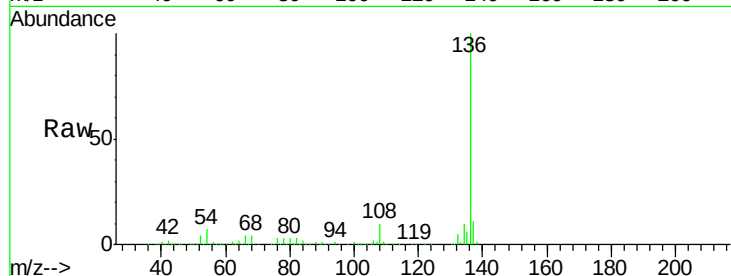
Tgt Ion:122 Resp: 263

Ion Ratio Lower Upper

122 100

105 236.2 100.3 140.3#

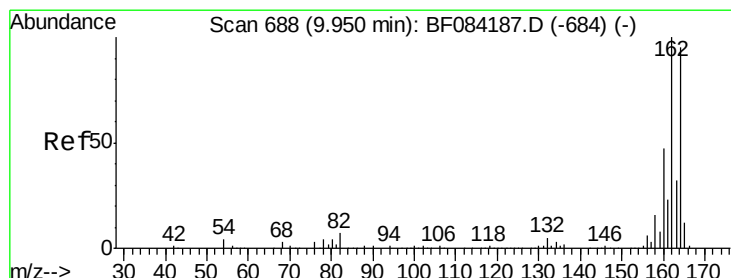
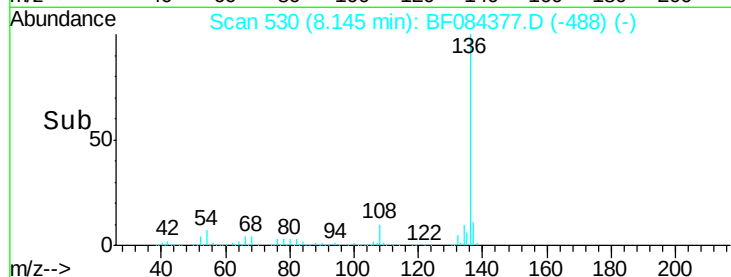
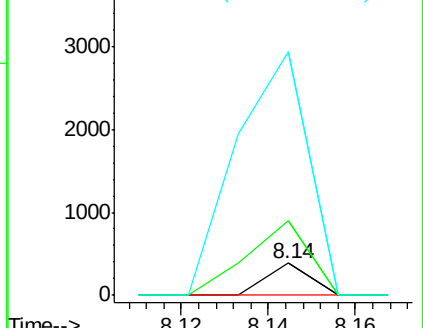
77 764.6 63.5 103.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.06 min

Lab File: BF084377.D

Acq: 11 Jan 2016 14:02

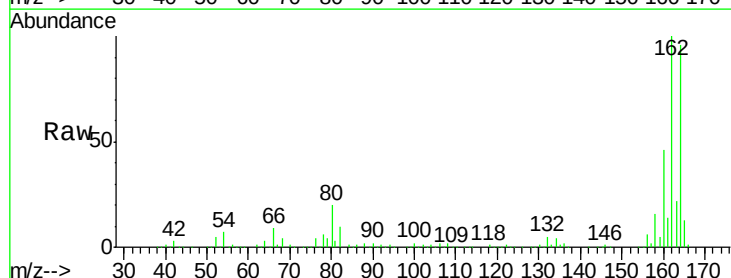
Tgt Ion:164 Resp: 478778

Ion Ratio Lower Upper

164 100

162 104.5 85.1 127.7

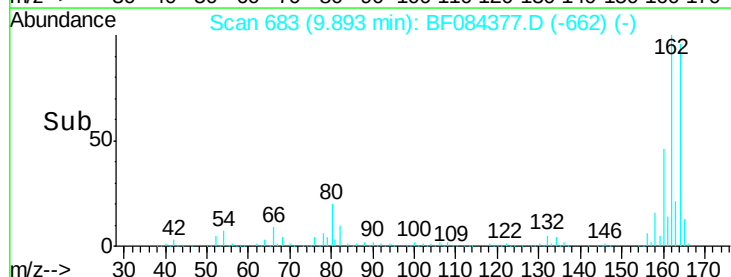
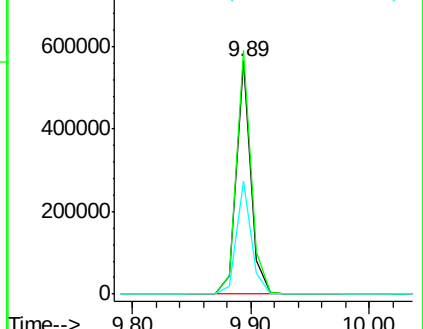
160 48.4 37.5 56.3

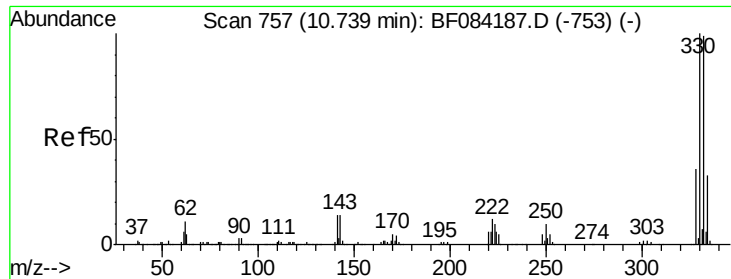


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

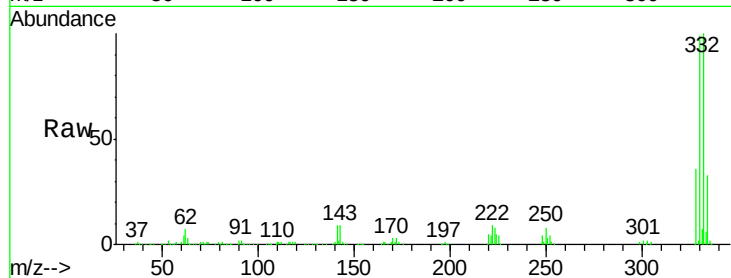




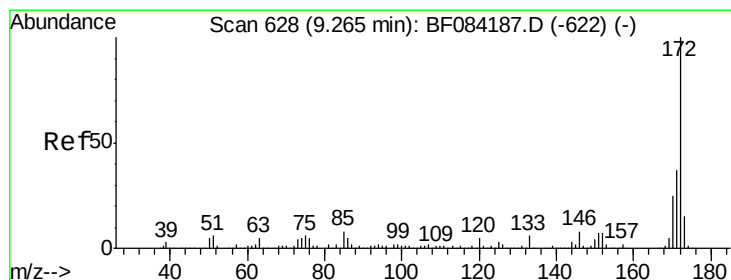
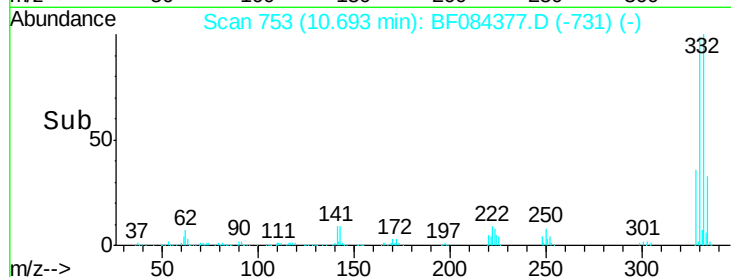
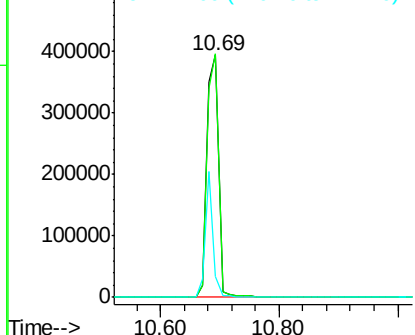
#41
 2,4,6-Tribromophenol
 Concen: 112.59 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084377.D
 Acq: 11 Jan 2016 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-2COMP

Tgt Ion:330 Resp: 544244
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.6 114.8
 141 35.0 27.8 41.6

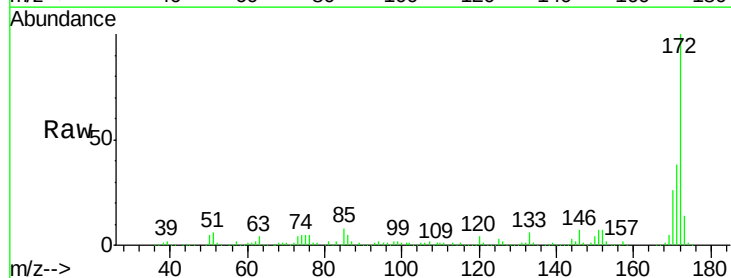


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

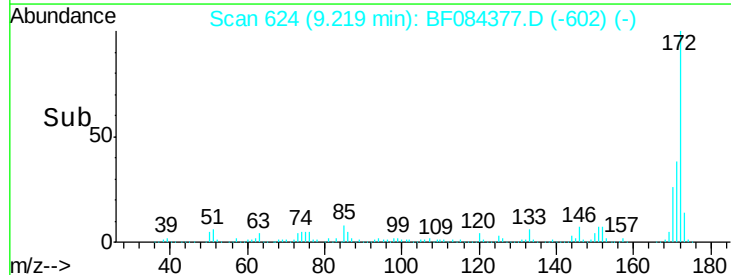
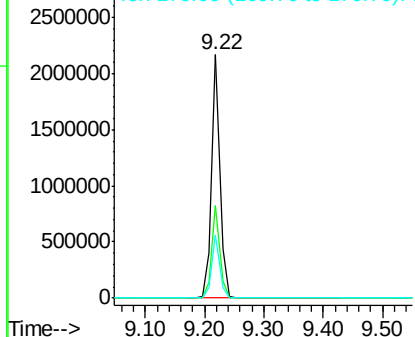


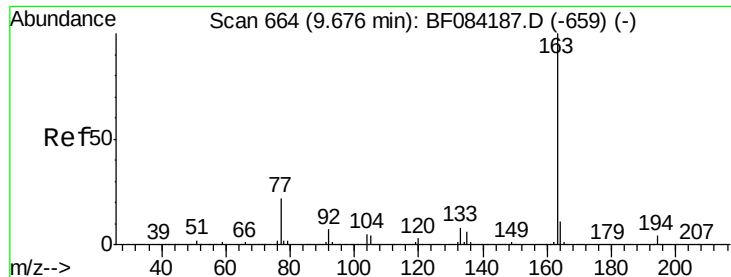
#44
 2-Fluorobiphenyl
 Concen: 77.00 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084377.D
 Acq: 11 Jan 2016 14:02

Tgt Ion:172 Resp: 2111864
 Ion Ratio Lower Upper
 172 100
 171 38.2 28.9 43.3
 170 26.1 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: 28.64 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.06 min

Lab File: BF084377.D

Acq: 11 Jan 2016 14:02

Instrument :

BNA_F

ClientSampleId :

SB-2COMP

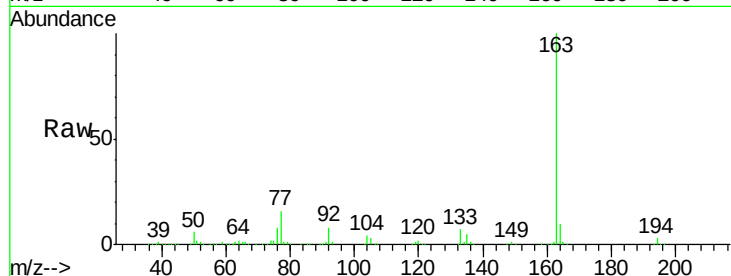
Tgt Ion:163 Resp: 980361

Ion Ratio Lower Upper

163 100

194 3.4 8.0 12.0#

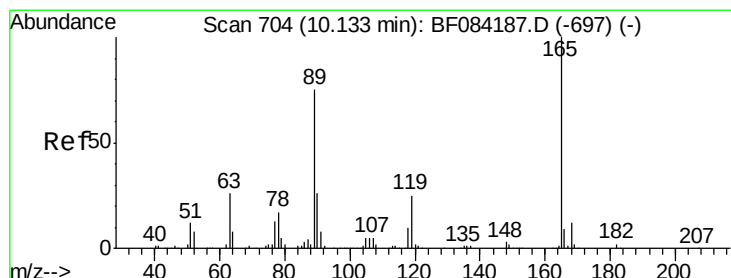
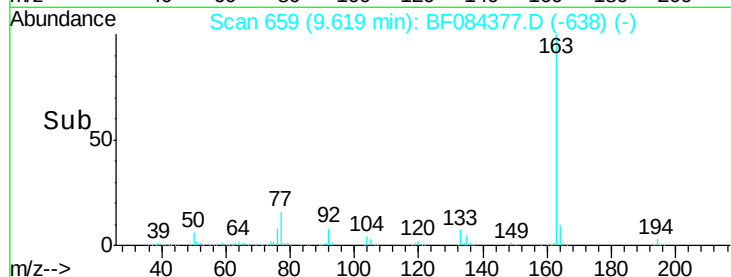
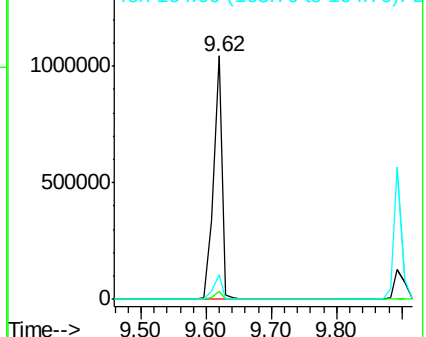
164 10.0 8.0 12.0



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



#56

2,4-Dinitrotoluene

Concen: 6.48 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.24 min

Lab File: BF084377.D

Acq: 11 Jan 2016 14:02

Tgt Ion:165 Resp: 61568

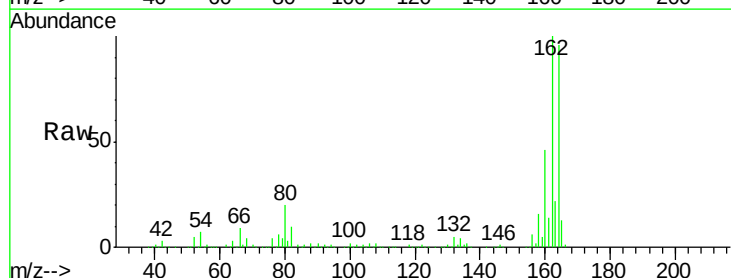
Ion Ratio Lower Upper

165 100

63 1.6 36.7 55.1#

89 1.6 61.9 92.9#

182 0.0 2.0 3.0#

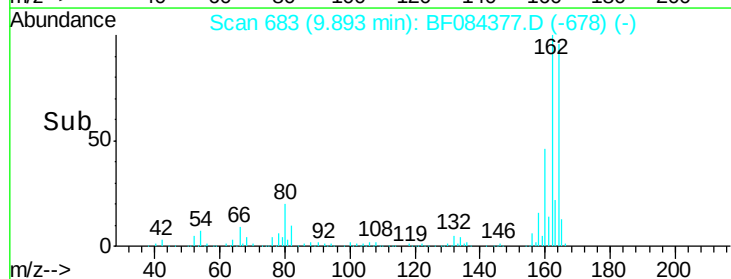
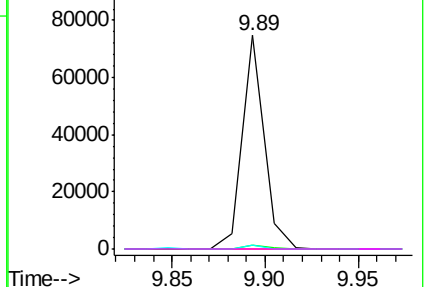


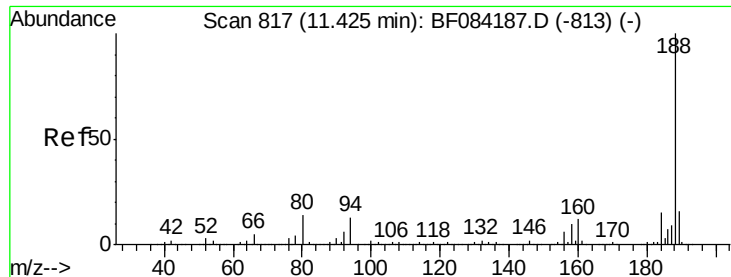
Abundance Ion 165.00 (164.70 to 165.70): E

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

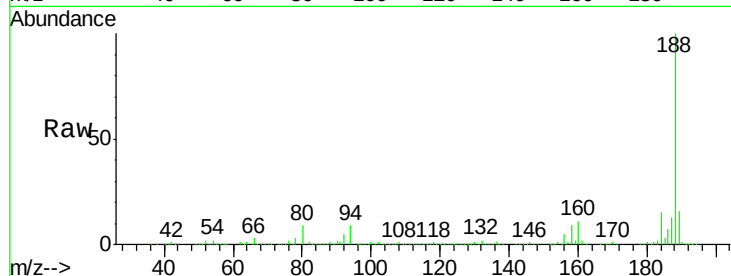




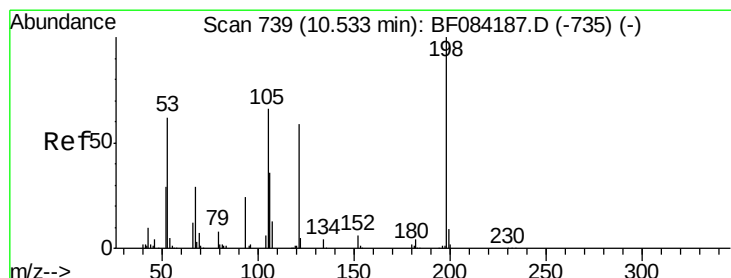
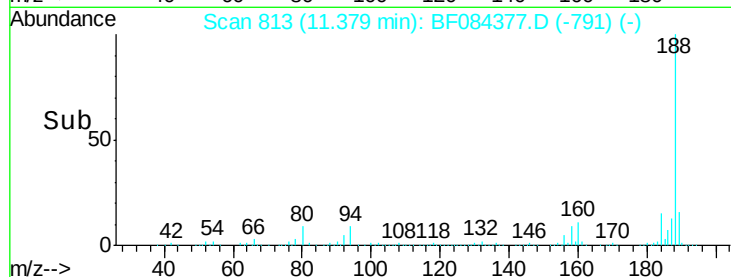
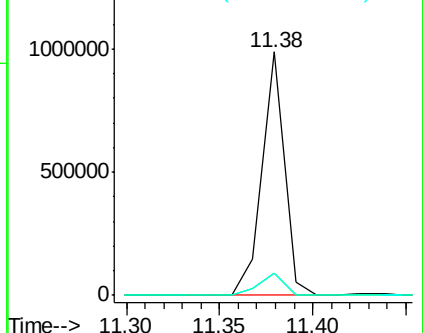
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084377.D
Acq: 11 Jan 2016 14:02

Instrument :
BNA_F
ClientSampleId :
SB-2COMP

Tgt Ion:188 Resp: 820766
Ion Ratio Lower Upper
188 100
94 8.8 9.0 13.4#
80 9.2 9.6 14.4#

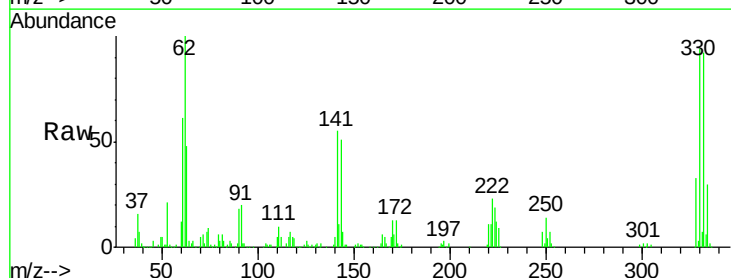


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

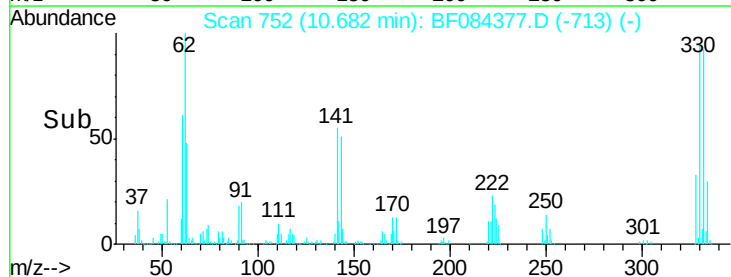
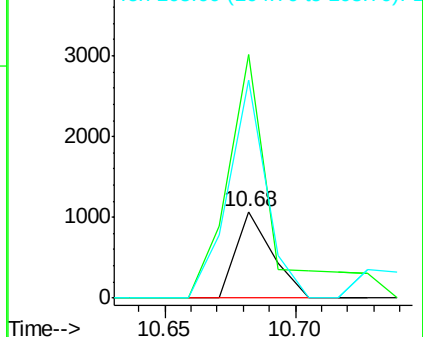


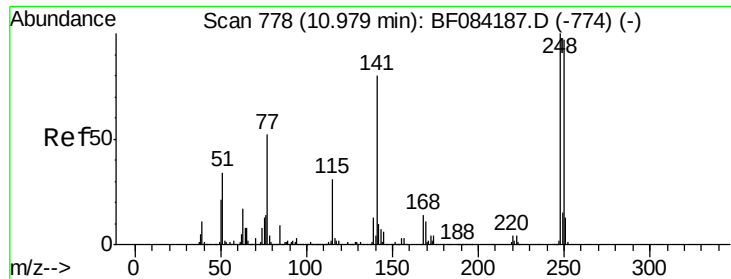
#64
4,6-Dinitro-2-methylphenol
Concen: 6.58 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.15 min
Lab File: BF084377.D
Acq: 11 Jan 2016 14:02

Tgt Ion:198 Resp: 1028
Ion Ratio Lower Upper
198 100
51 281.9 18.9 58.9#
105 253.1 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

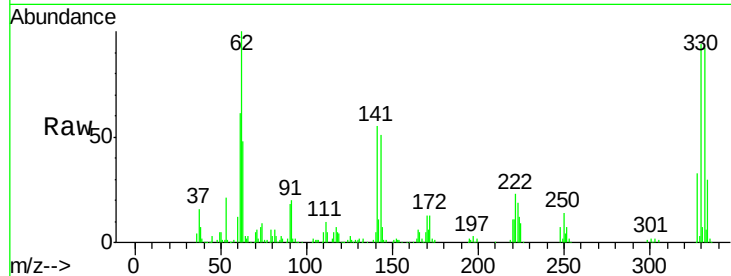




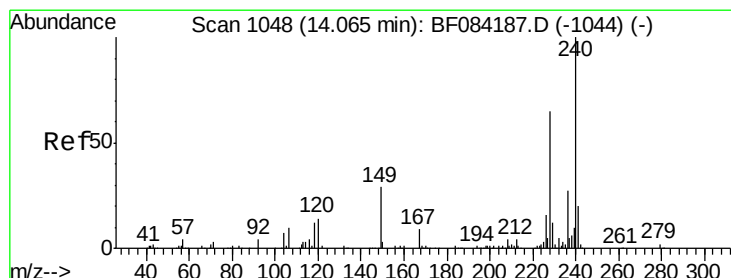
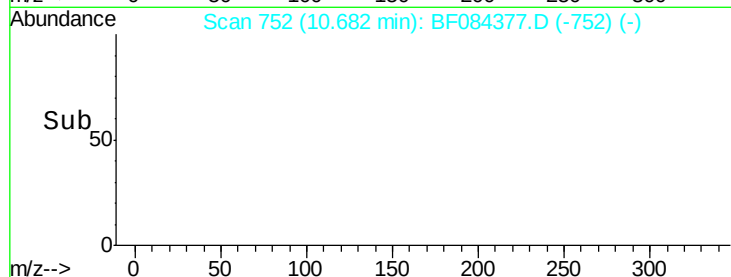
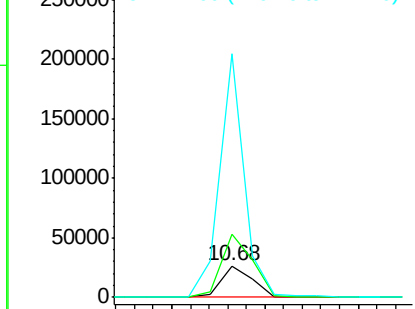
#66
4-Bromophenyl-phenylether
Concen: 3.52 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.30 min
Lab File: BF084377.D
Acq: 11 Jan 2016 14:02

Instrument :
BNA_F
ClientSampled :
SB-2COMP

Tgt Ion:248 Resp: 31054
Ion Ratio Lower Upper
248 100
250 202.6 78.4 117.6#
141 778.8 44.0 66.0#

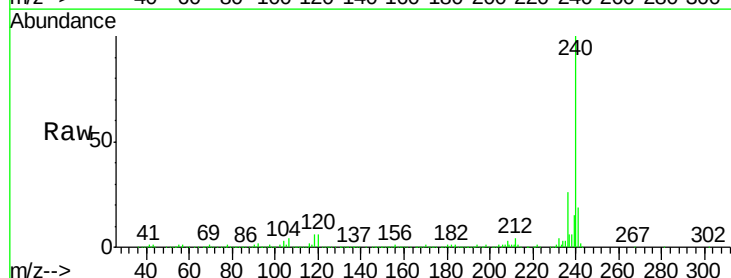


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

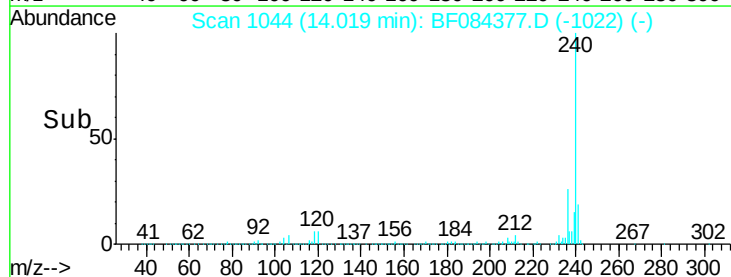
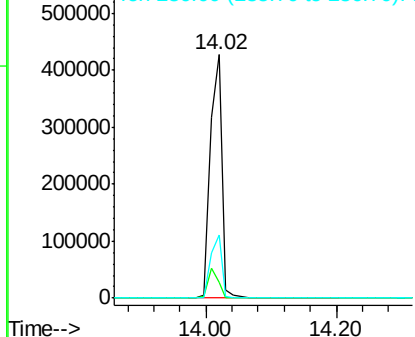


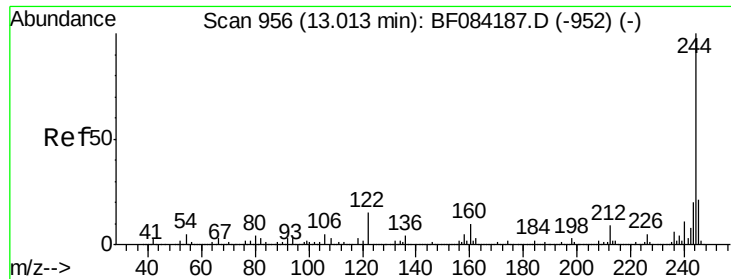
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084377.D
Acq: 11 Jan 2016 14:02

Tgt Ion:240 Resp: 536328
Ion Ratio Lower Upper
240 100
120 6.5 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: 70.07 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084377.D

Acq: 11 Jan 2016 14:02

Instrument :

BNA_F

ClientSampleId :

SB-2COMP

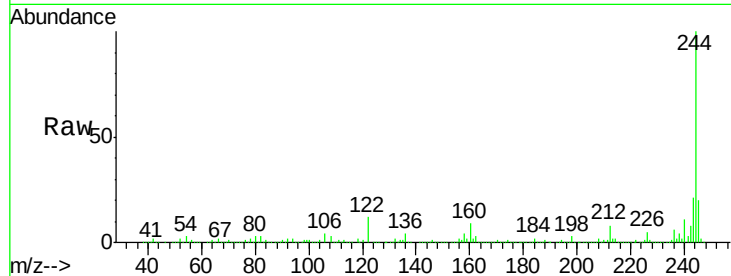
Tgt Ion:244 Resp: 1683676

Ion Ratio Lower Upper

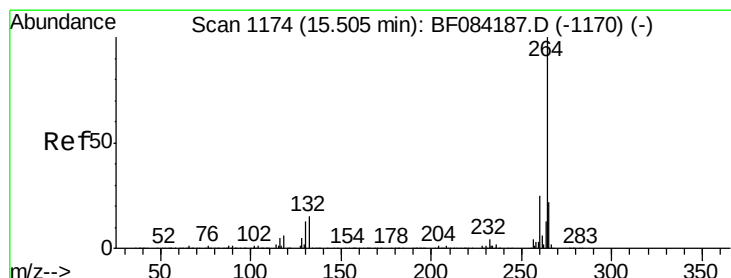
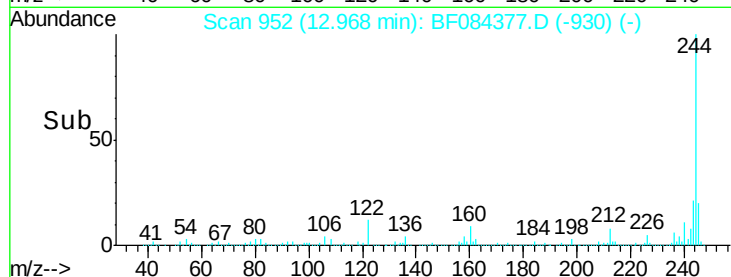
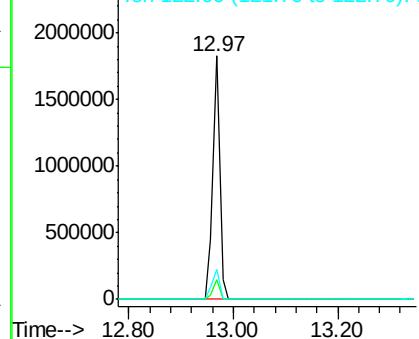
244 100

212 8.0 5.7 8.5

122 12.3 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: BF084377.D

Acq: 11 Jan 2016 14:02

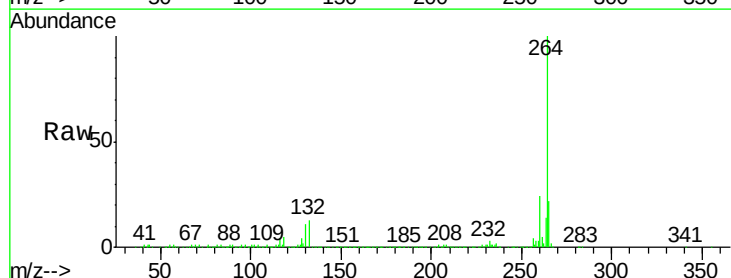
Tgt Ion:264 Resp: 461209

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.7 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

