

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071715\
 Data File : BF080549.D
 Acq On : 17 Jul 2015 22:51
 Operator : TP/UM
 Sample : G3022-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(1-3)

Quant Time: Jul 18 01:03:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 00:40:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	49389	20.00	ng	0.00
21) Naphthalene-d8	8.35	136	213859	20.00	ng	0.00
38) Acenaphthene-d10	10.11	164	84449	20.00	ng	0.00
63) Phenanthrene-d10	11.60	188	163683	20.00	ng	0.00
75) Chrysene-d12	14.39	240	137352	20.00	ng	0.03
86) Perylene-d12	16.05	264	123029	20.00	ng	0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	419714	132.49	ng	0.00
7) Phenol-d6	6.70	99	489670	135.83	ng	0.00
23) Nitrobenzene-d5	7.63	82	297785	88.78	ng	0.00
41) 2,4,6-Tribromophenol	10.90	330	106134	140.45	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	542948	90.30	ng	0.00
78) Terphenyl-d14	13.21	244	462235	75.15	ng	0.01

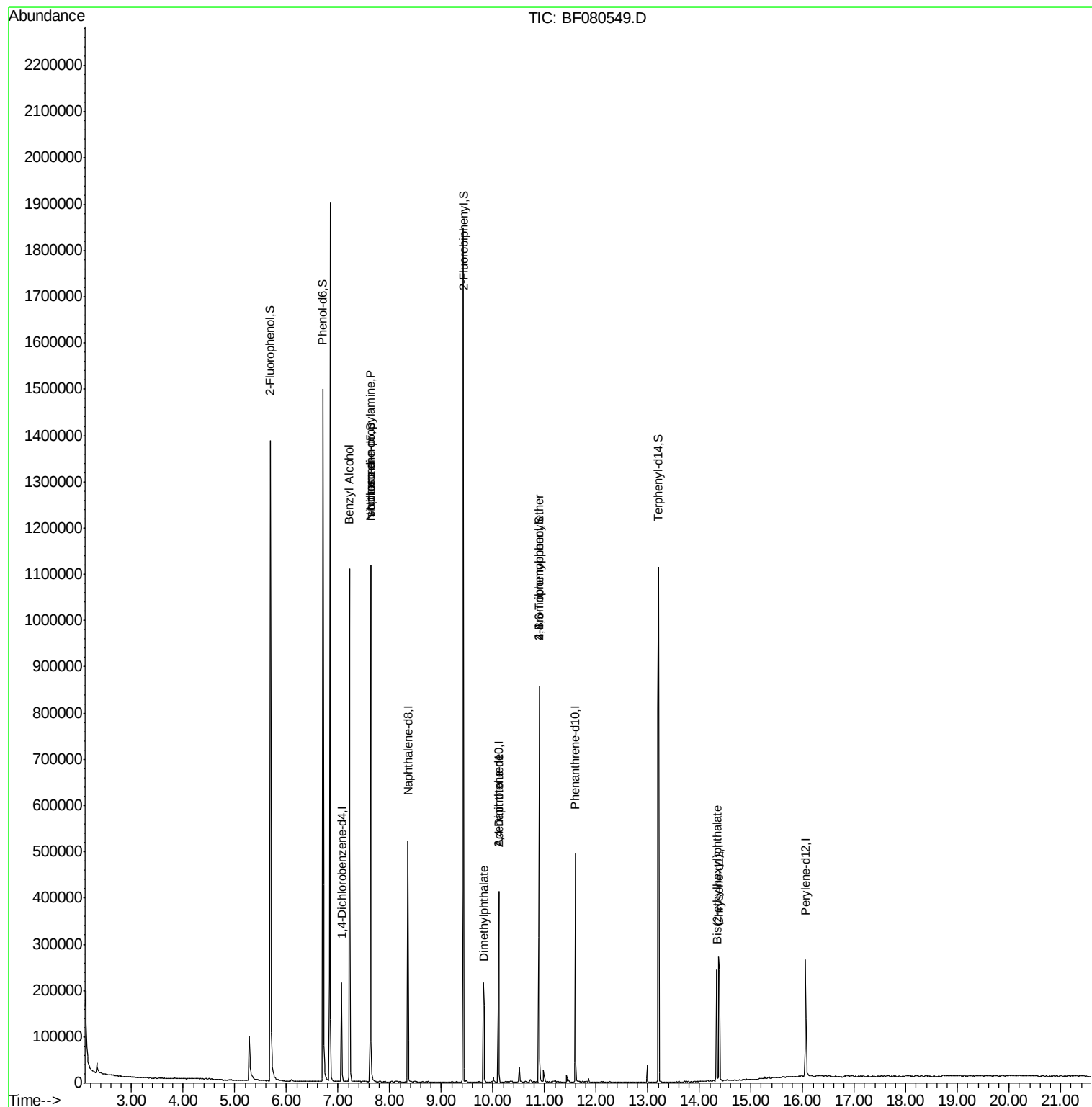
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.22	79	5038	2.19	ng	# 54
19) n-Nitroso-di-n-propylamine	7.63	70	38151	21.51	ng	# 79
25) Isophorone	7.63	82	297812	46.51	ng	# 65
49) Dimethylphthalate	9.82	163	120068	21.37	ng	# 99
50) 2,6-Dinitrotoluene	9.81	165	1328	Below	Cal	# 1
56) 2,4-Dinitrotoluene	10.11	165	11082	9.09	ng	# 27
64) 4,6-Dinitro-2-methylphenol	10.90	198	220	Below	Cal	# 1
66) 4-Bromophenyl-phenylether	10.90	248	6841	4.56	ng	# 1
73) Di-n-butylphthalate	12.15	149	1064	Below	Cal	# 79
83) Bis(2-ethylhexyl)phthalate	14.34	149	89243	25.31	ng	# 93

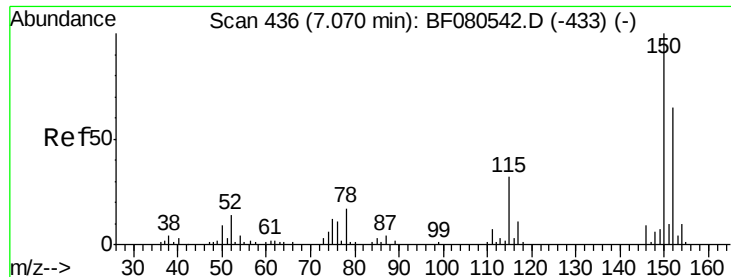
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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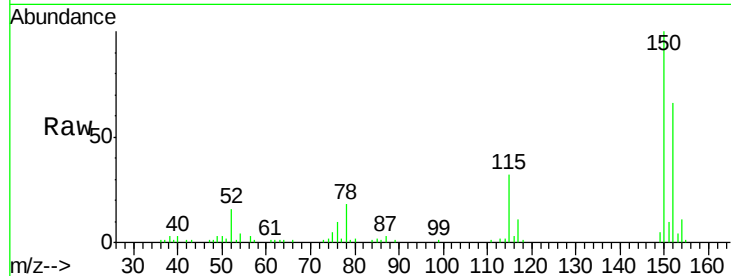


#1

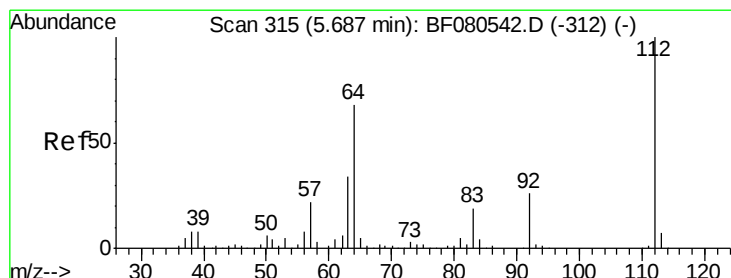
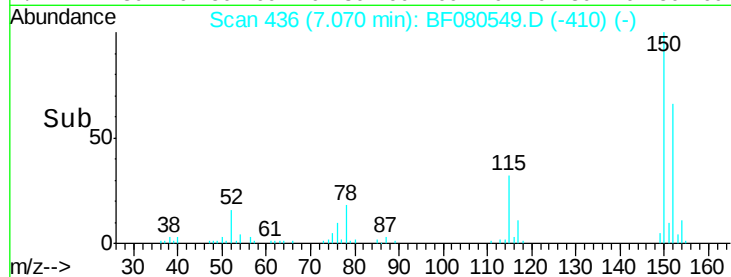
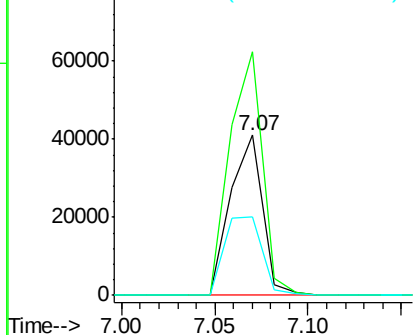
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080549.D
Acq: 17 Jul 2015 22:51

Instrument :
BNA_F
ClientSampleId :
SB-6(1-3)

Tot Ion:152 Resp: 49389
Ion Ratio Lower Upper
152 100
150 151.9 123.0 184.4
115 49.1 39.9 59.9



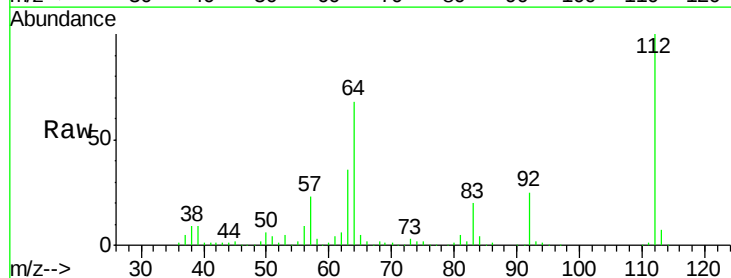
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



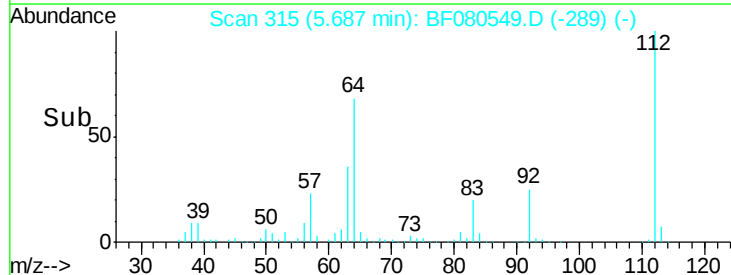
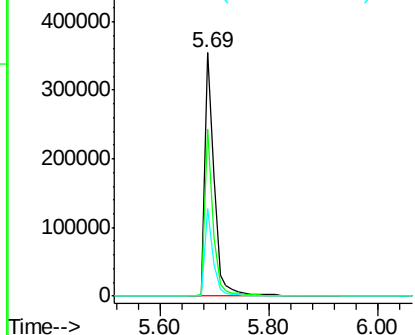
#5

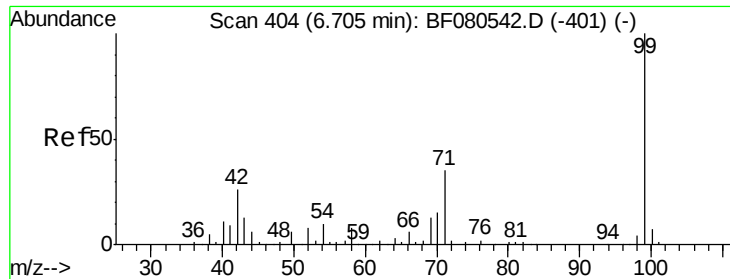
2-Fluorophenol
Concen: 132.49 ng
RT: 5.69 min Scan# 315
Delta R.T. 0.00 min
Lab File: BF080549.D
Acq: 17 Jul 2015 22:51

Tgt Ion:112 Resp: 419714
Ion Ratio Lower Upper
112 100
64 68.4 54.1 81.1
63 36.2 27.6 41.4



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: 135.83 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF080549.D

Acq: 17 Jul 2015 22:51

Instrument :

BNA_F

ClientSampleId :

SB-6(1-3)

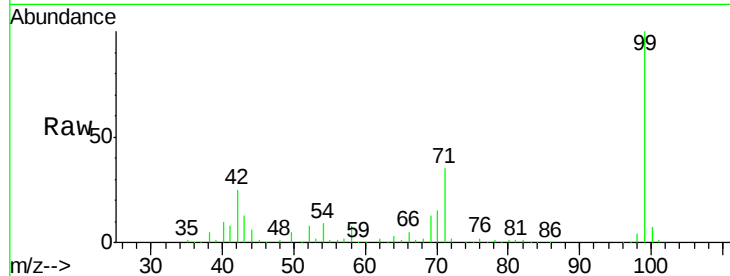
Tot Ion: 99 Resp: 489670

Ion Ratio Lower Upper

99 100

42 24.9 21.0 31.4

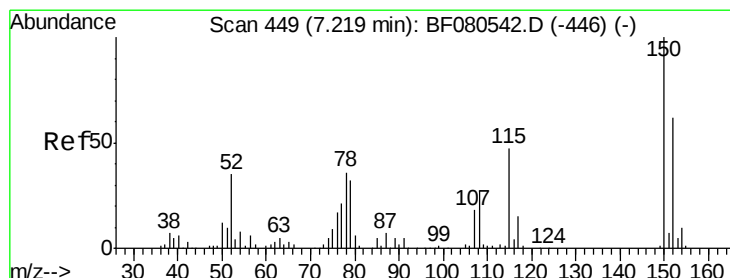
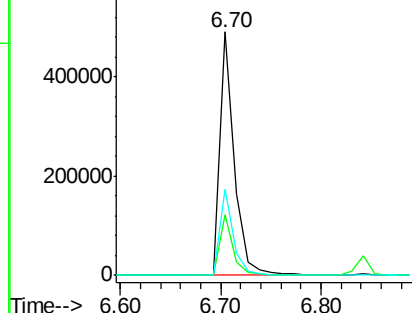
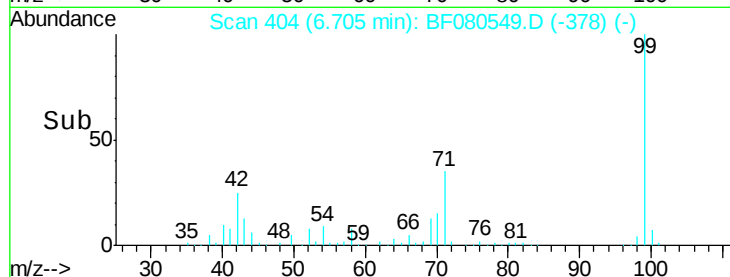
71 35.4 28.4 42.6



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



#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF080549.D

Acq: 17 Jul 2015 22:51

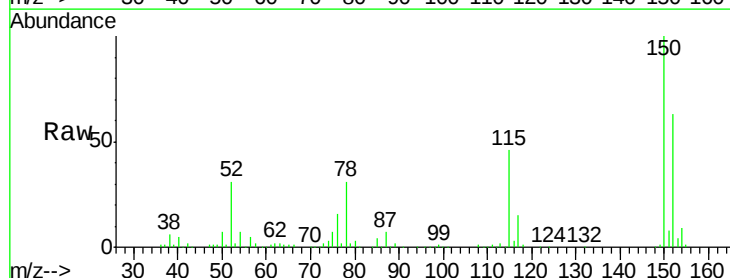
Tgt Ion: 79 Resp: 5038

Ion Ratio Lower Upper

79 100

108 31.2 67.8 101.6#

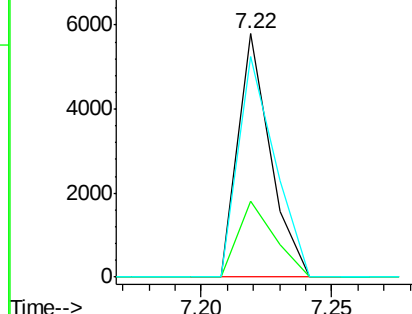
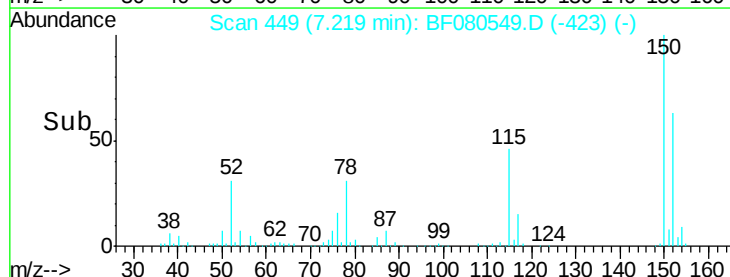
77 90.4 52.9 79.3#

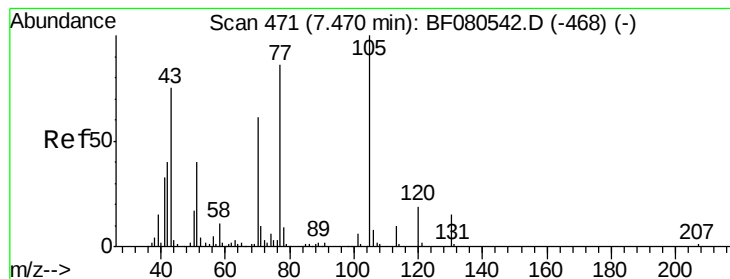


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 21.51 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.16 min

Lab File: BF080549.D

Acq: 17 Jul 2015 22:51

Instrument :

BNA_F

ClientSampleId :

SB-6(1-3)

Tot Ion: 70 Resp: 38151

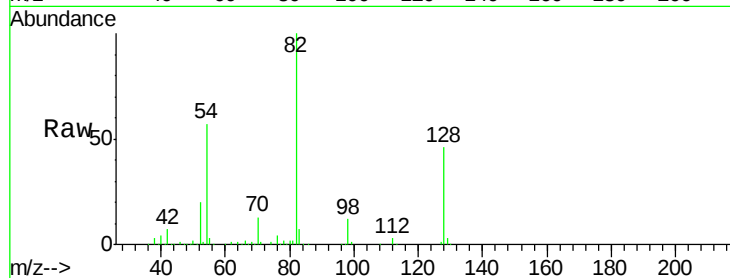
Ion Ratio Lower Upper

70 100

42 56.8 52.6 78.8

101 0.0 8.3 12.5#

130 2.1 19.6 29.4#

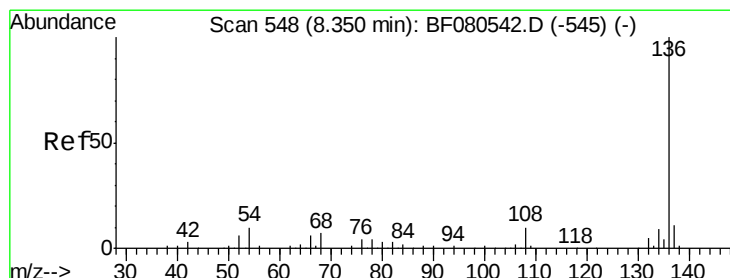
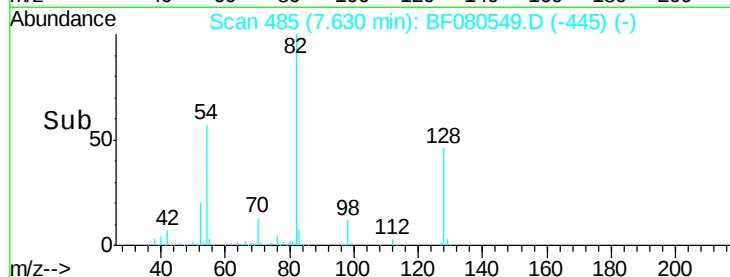
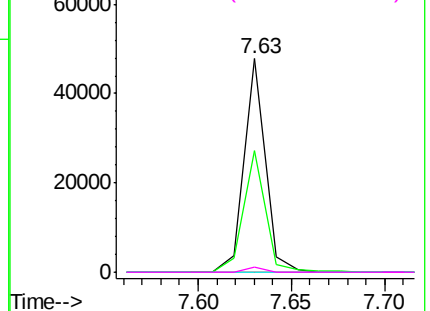


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.35 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF080549.D

Acq: 17 Jul 2015 22:51

Tgt Ion:136 Resp: 213859

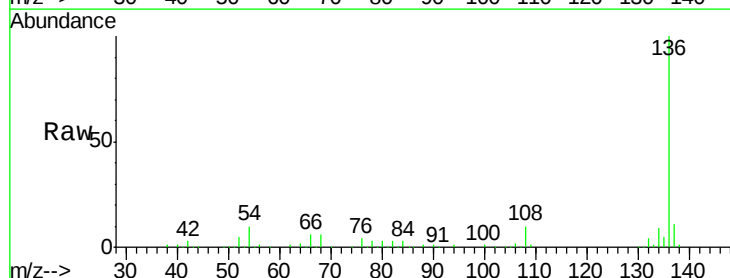
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.7 8.3 12.5

68 6.2 5.4 8.2

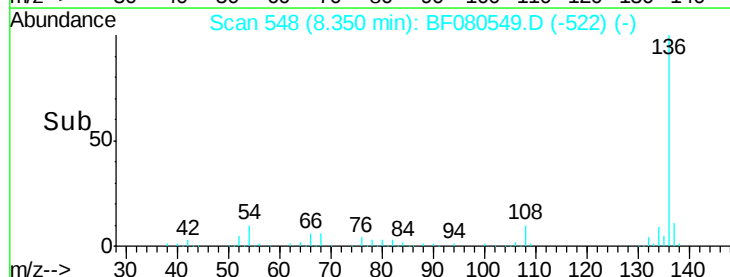
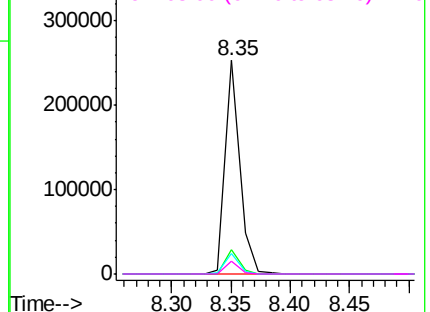


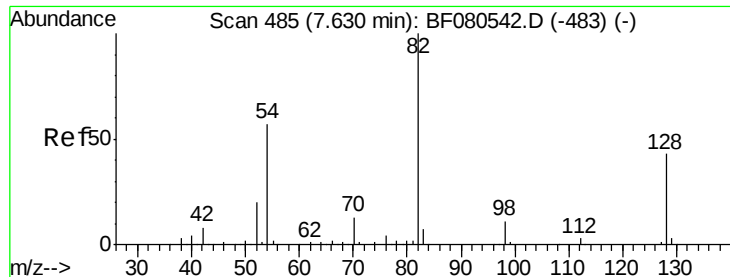
Abundance Ion 136.00 (135.70 to 136.70): E

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

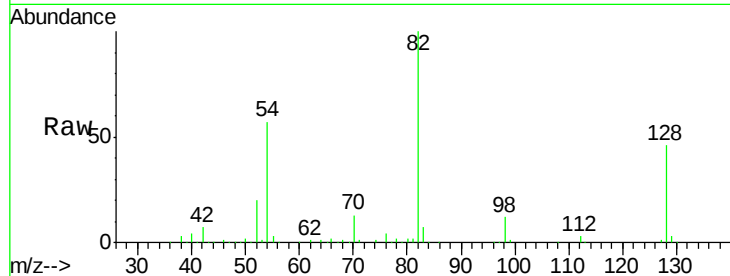




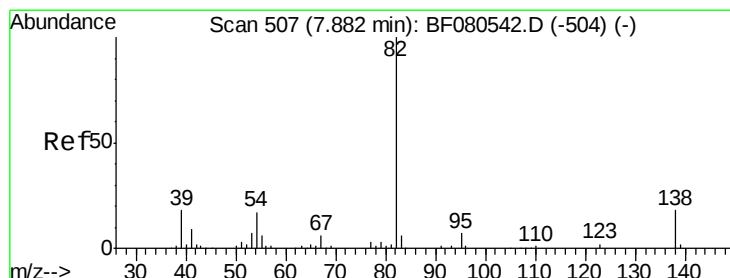
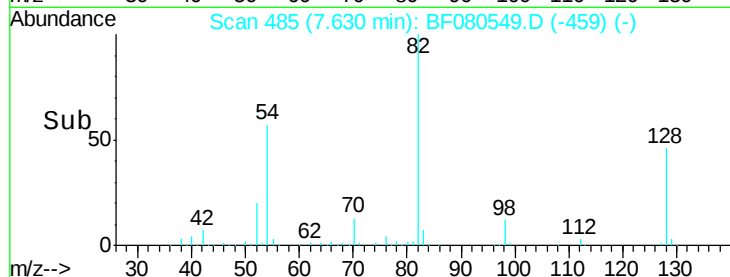
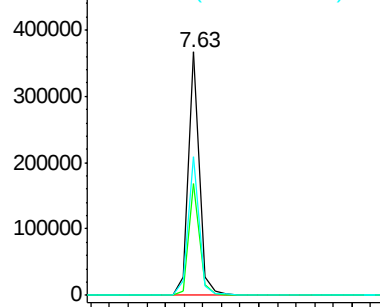
#23
 Nitrobenzene-d5
 Concen: 88.78 ng
 RT: 7.63 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: BF080549.D
 Acq: 17 Jul 2015 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(1-3)

Tot Ion	82	Resp	297785
Ion Ratio	100	Lower	Upper
128	45.7	34.6	51.8
54	56.9	45.8	68.6

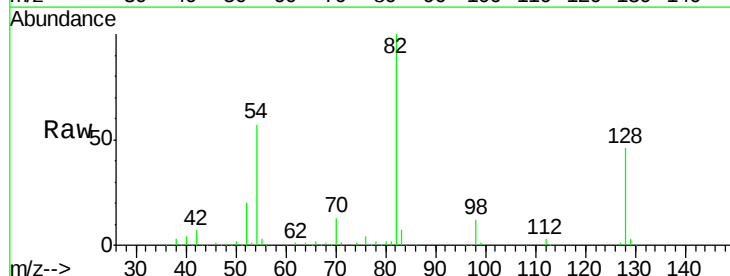


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

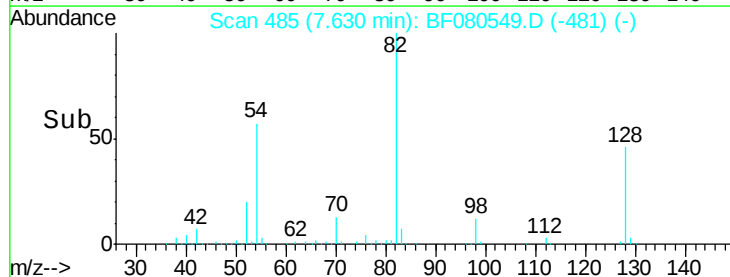
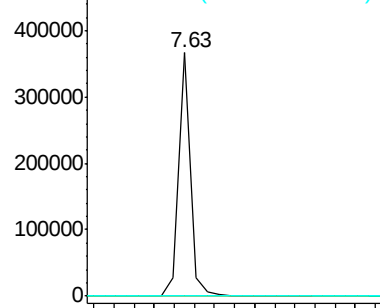


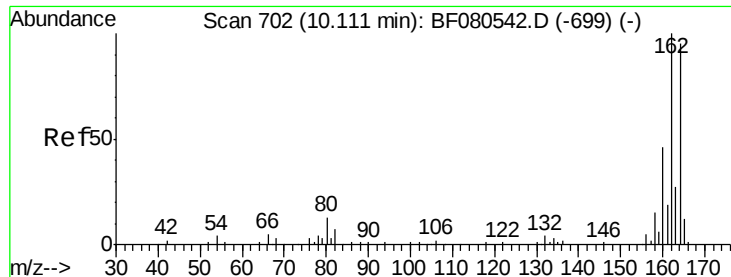
#25
 Isophorone
 Concen: 46.51 ng
 RT: 7.63 min Scan# 485
 Delta R.T. -0.25 min
 Lab File: BF080549.D
 Acq: 17 Jul 2015 22:51

Tgt Ion	82	Resp	297812
Ion Ratio	100	Lower	Upper
95	0.0	5.5	8.3#
138	0.0	14.7	22.1#



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: 10.11 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF080549.D

Acq: 17 Jul 2015 22:51

Instrument :

BNA_F

ClientSampleId :

SB-6(1-3)

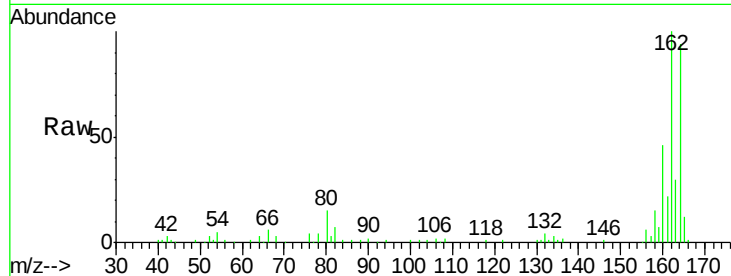
Tot Ion:164 Resp: 84449

Ion Ratio Lower Upper

164 100

162 106.6 84.1 126.1

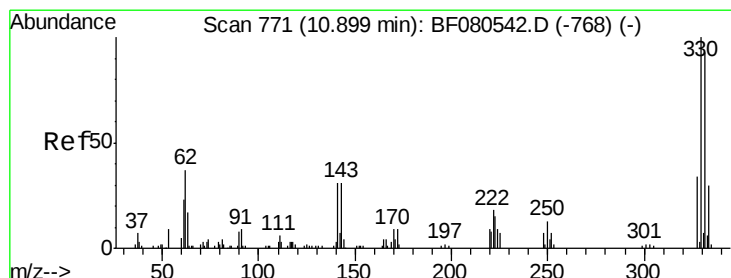
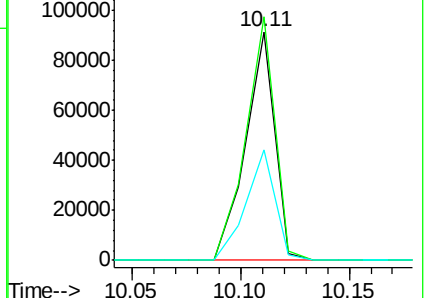
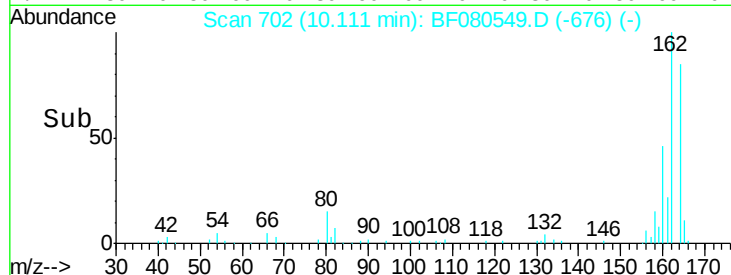
160 48.5 38.8 58.2



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: 140.45 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF080549.D

Acq: 17 Jul 2015 22:51

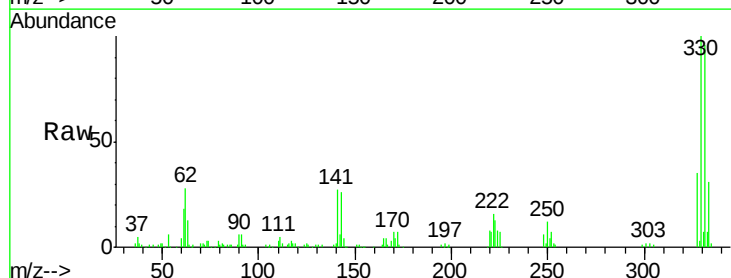
Tgt Ion:330 Resp: 106134

Ion Ratio Lower Upper

330 100

332 96.4 74.3 111.5

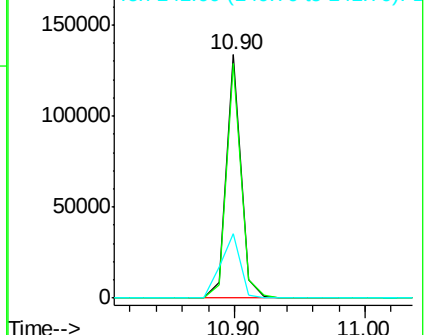
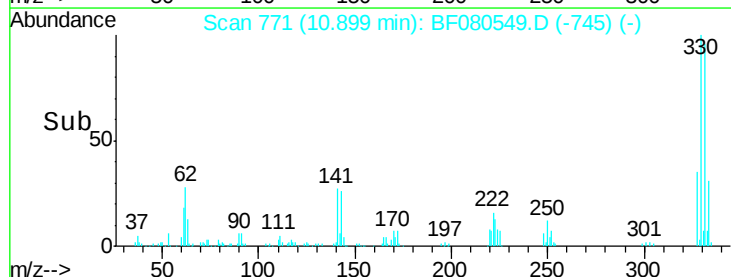
141 35.2 29.0 43.4

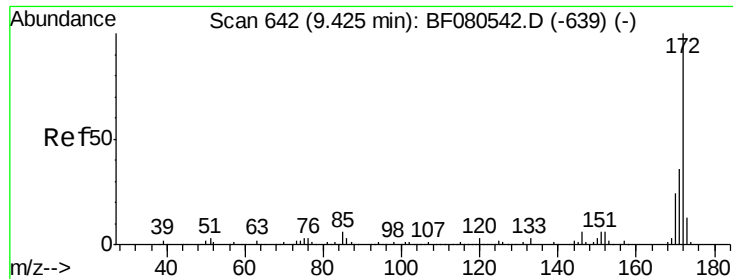


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

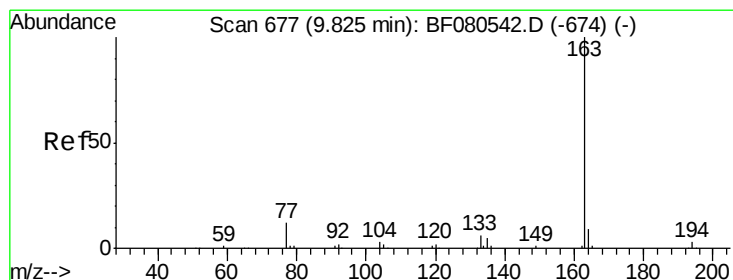
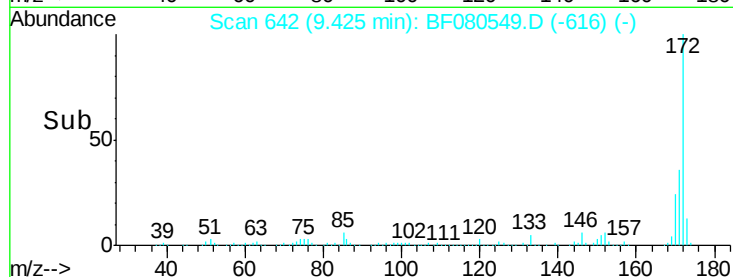
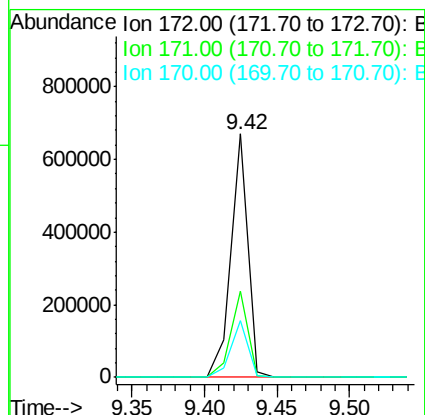
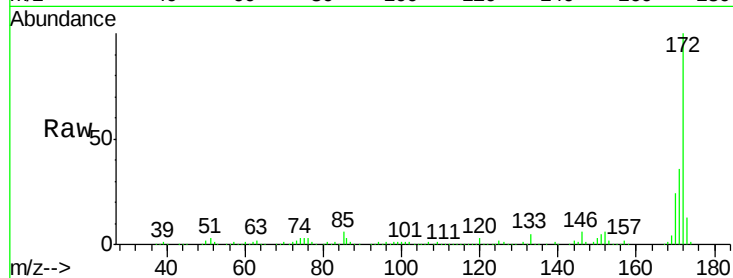




#44
2-Fluorobiphenyl
Concen: 90.30 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF080549.D
Acq: 17 Jul 2015 22:51

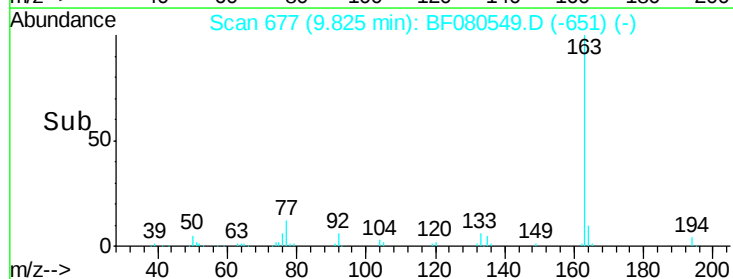
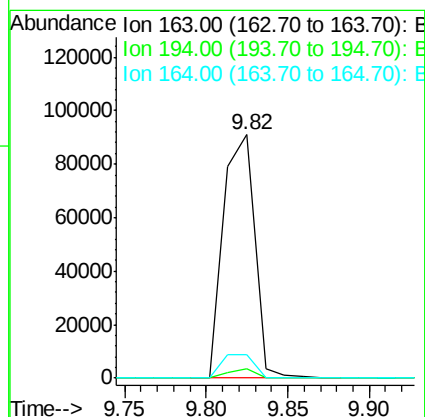
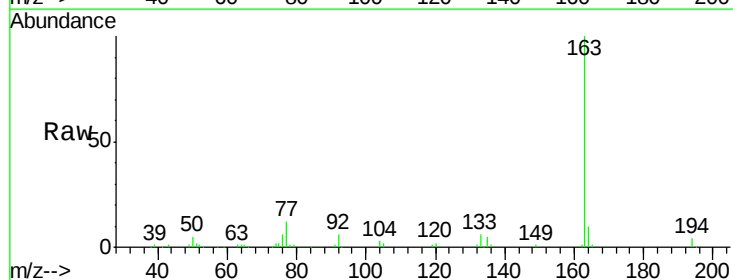
Instrument :
BNA_F
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SB-6(1-3)

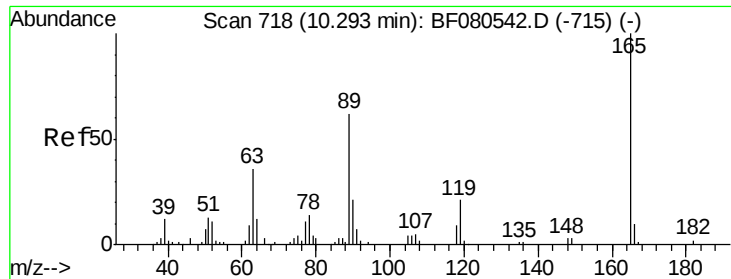
Tot Ion:172 Resp: 542948
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.5 19.0 28.4



#49
Dimethylphthalate
Concen: 21.37 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF080549.D
Acq: 17 Jul 2015 22:51

Tgt Ion:163 Resp: 120068
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.6 7.4 11.2

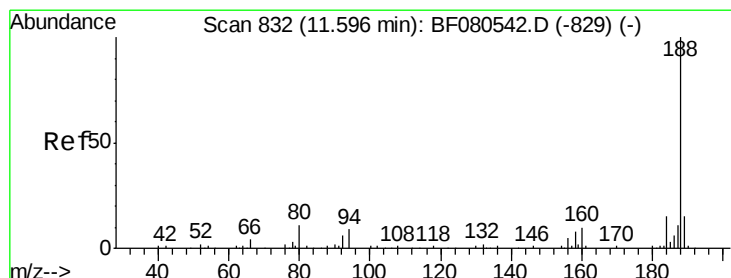
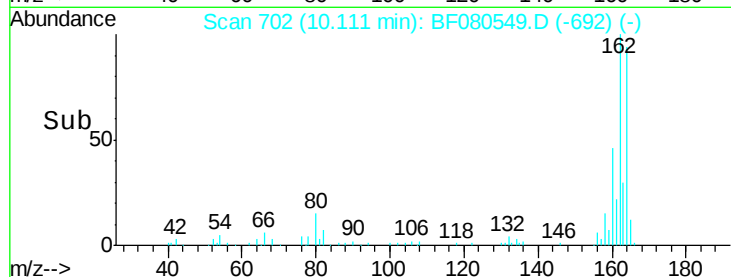
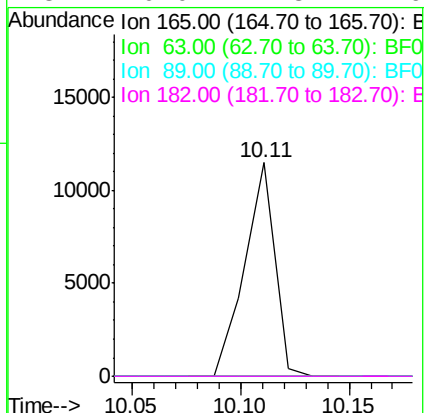
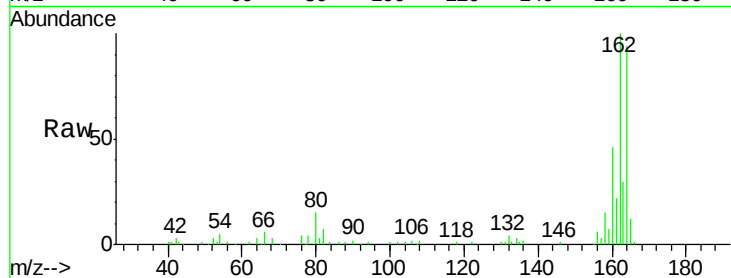




#56
 2,4-Dinitrotoluene
 Concen: 9.09 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.18 min
 Lab File: BF080549.D
 Acq: 17 Jul 2015 22:51

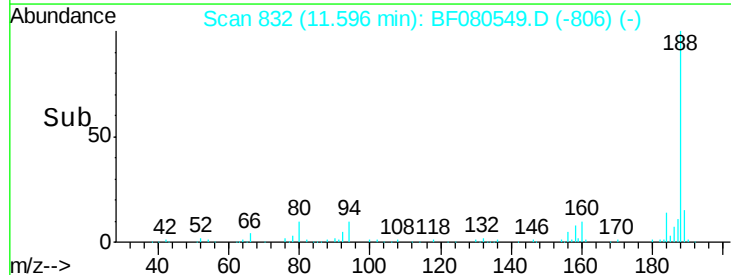
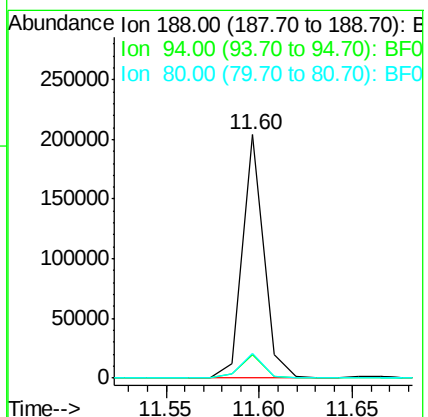
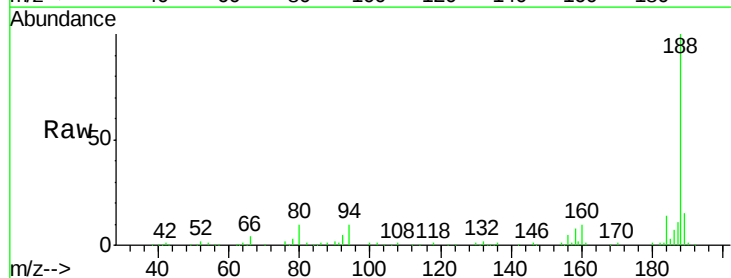
Instrument :
 BNA_F
 ClientSampleId :
 SB-6(1-3)

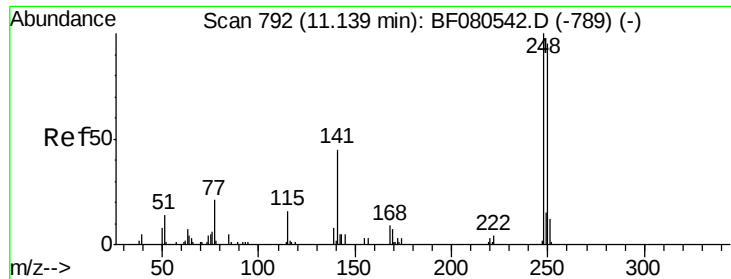
Tot Ion:165	Resp:	11082
Ion Ratio	Lower	Upper
165	100	
63	0.0	30.2 45.4#
89	0.0	49.9 74.9#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF080549.D
 Acq: 17 Jul 2015 22:51

Tgt Ion:188	Resp:	163683
Ion Ratio	Lower	Upper
188	100	
94	9.7	7.6 11.4
80	9.9	8.6 12.8

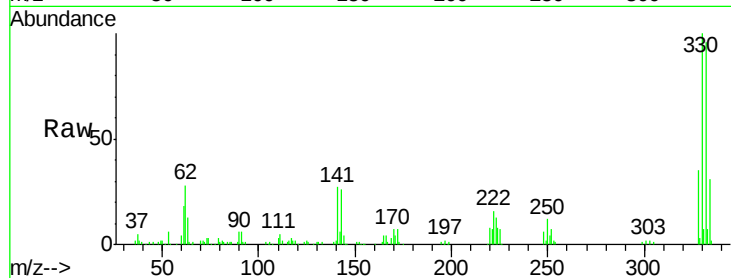




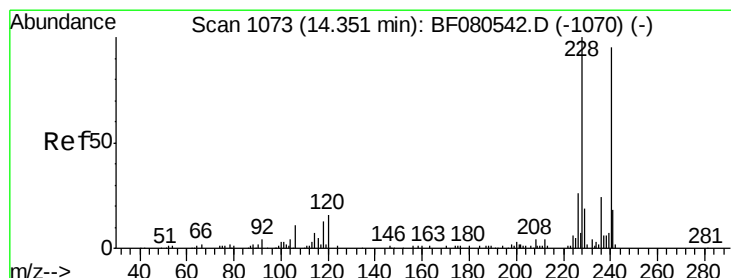
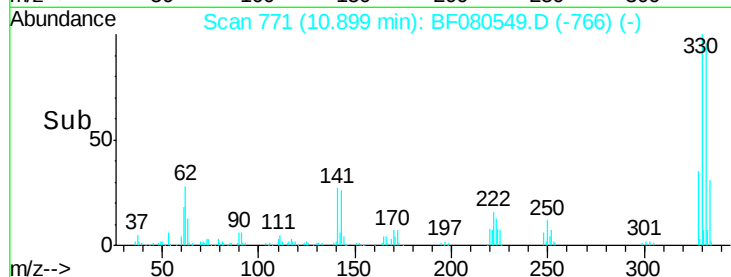
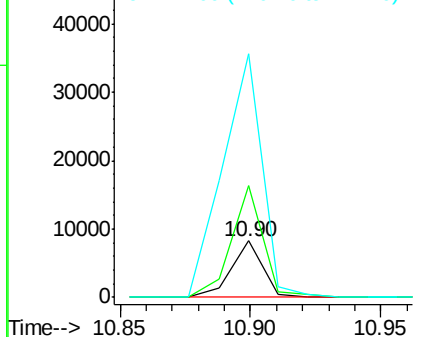
#66
 4-Bromophenyl-phenylether
 Concen: 4.56 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.24 min
 Lab File: BF080549.D
 Acq: 17 Jul 2015 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(1-3)

Tot Ion:248 Resp: 6841
 Ion Ratio Lower Upper
 248 100
 250 199.5 76.4 114.6#
 141 432.4 36.0 54.0#

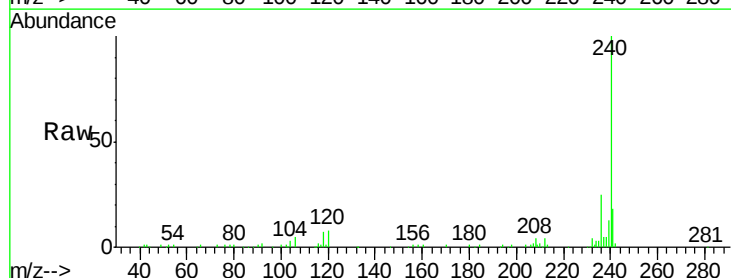


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

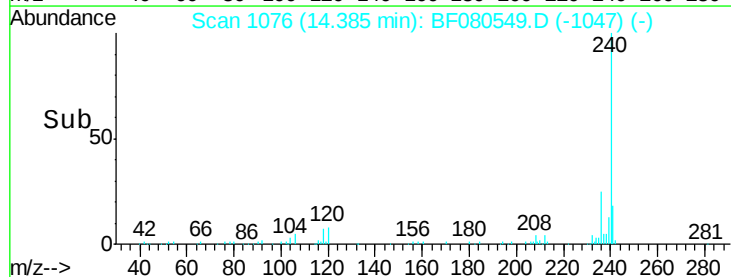
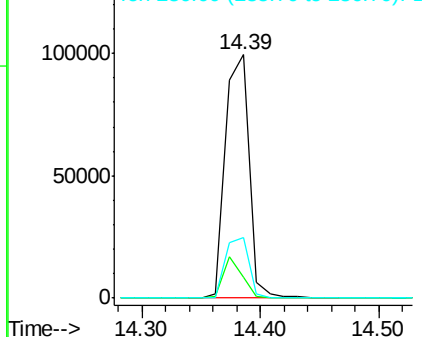


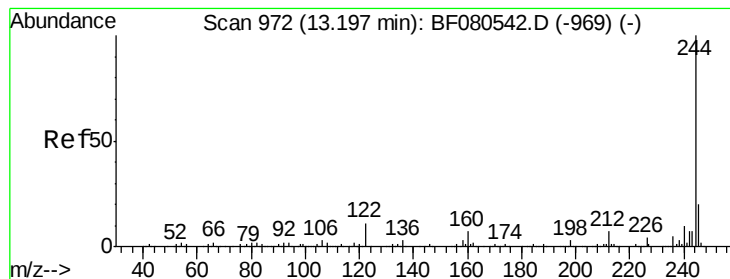
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.39 min Scan# 1076
 Delta R.T. 0.03 min
 Lab File: BF080549.D
 Acq: 17 Jul 2015 22:51

Tgt Ion:240 Resp: 137352
 Ion Ratio Lower Upper
 240 100
 120 8.3 13.6 20.4#
 236 24.9 20.2 30.4



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: 75.15 ng

RT: 13.21 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF080549.D

Acq: 17 Jul 2015 22:51

Instrument :

BNA_F

ClientSampleId :

SB-6(1-3)

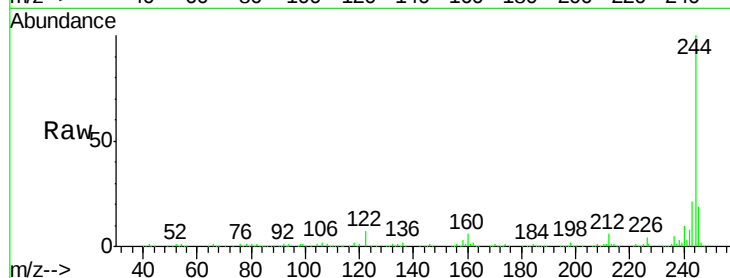
Tot Ion:244 Resp: 462235

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

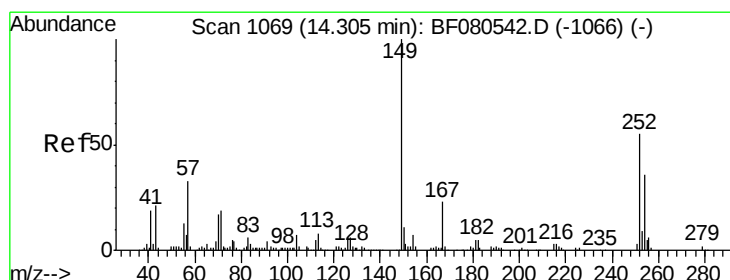
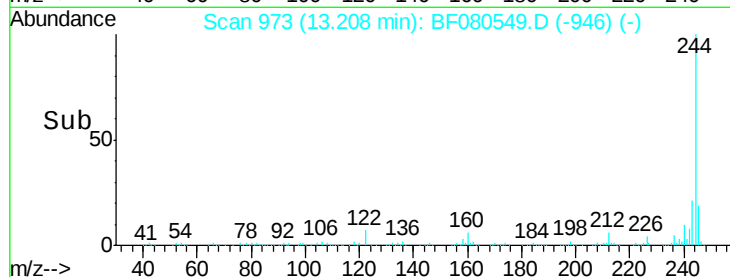
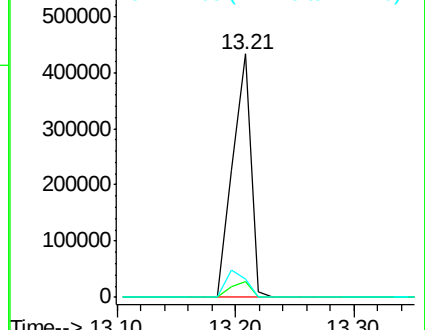
122 7.5 9.0 13.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 25.31 ng

RT: 14.34 min Scan# 1072

Delta R.T. 0.03 min

Lab File: BF080549.D

Acq: 17 Jul 2015 22:51

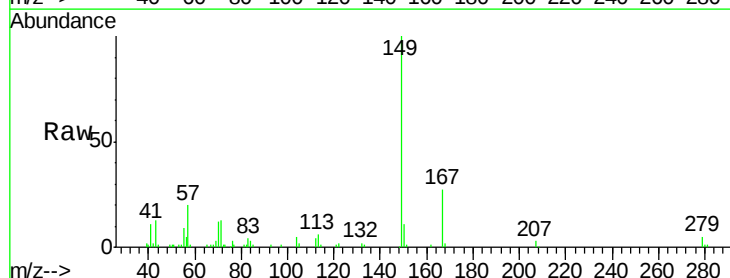
Tgt Ion:149 Resp: 89243

Ion Ratio Lower Upper

149 100

167 26.7 18.6 27.8

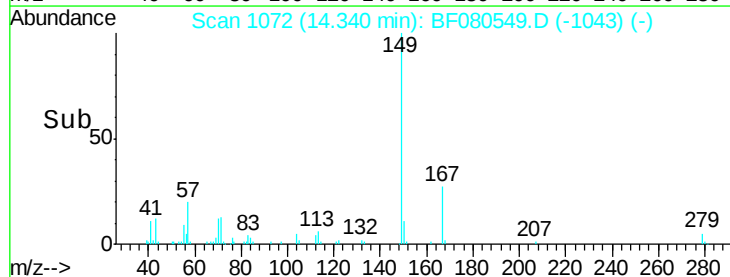
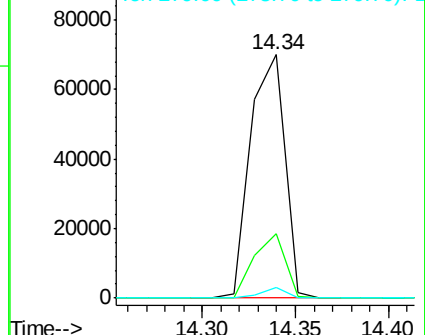
279 4.5 1.6 2.4#

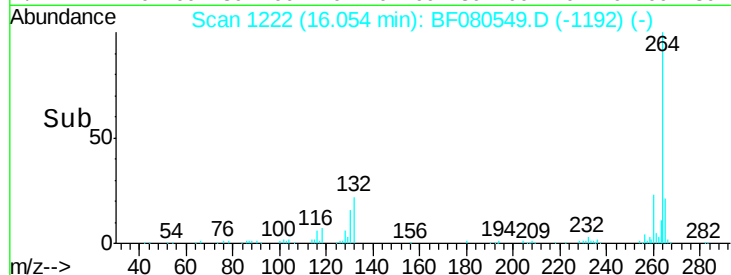
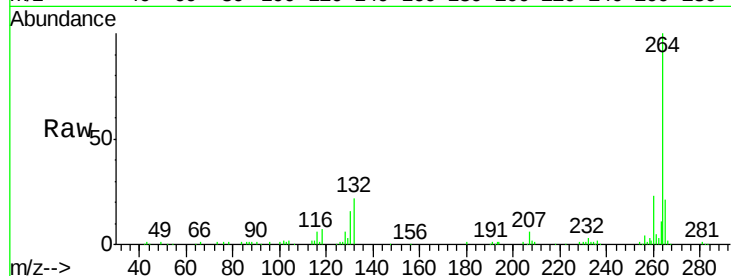
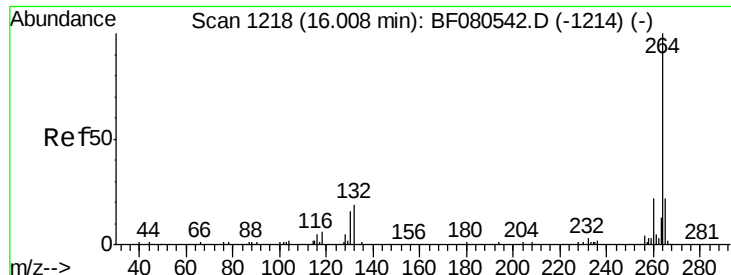


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.05 min Scan# 1222
 Delta R.T. 0.05 min
 Lab File: BF080549.D
 Acq: 17 Jul 2015 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(1-3)

Tot Ion:	264	Resp:	123029
Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.8	26.8
265	21.2	17.2	25.8

