

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010716\
 Data File : BF084307.D
 Acq On : 7 Jan 2016 16:05
 Operator : SJ/UM
 Sample : H1028-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW001

Quant Time: Jan 08 00:03:13 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	6.86	152	233807	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1014656	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	462303	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	867726	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	665652	20.00	ng	-0.05
86) Perylene-d12	15.46	264	514218	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1926646	133.28	ng	-0.01
7) Phenol-d6	6.52	99	2838845	156.37	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1700612	93.28	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	680136	145.72	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2495977	95.78	ng	-0.03
78) Terphenyl-d14	12.98	244	2391689	80.20	ng	-0.03

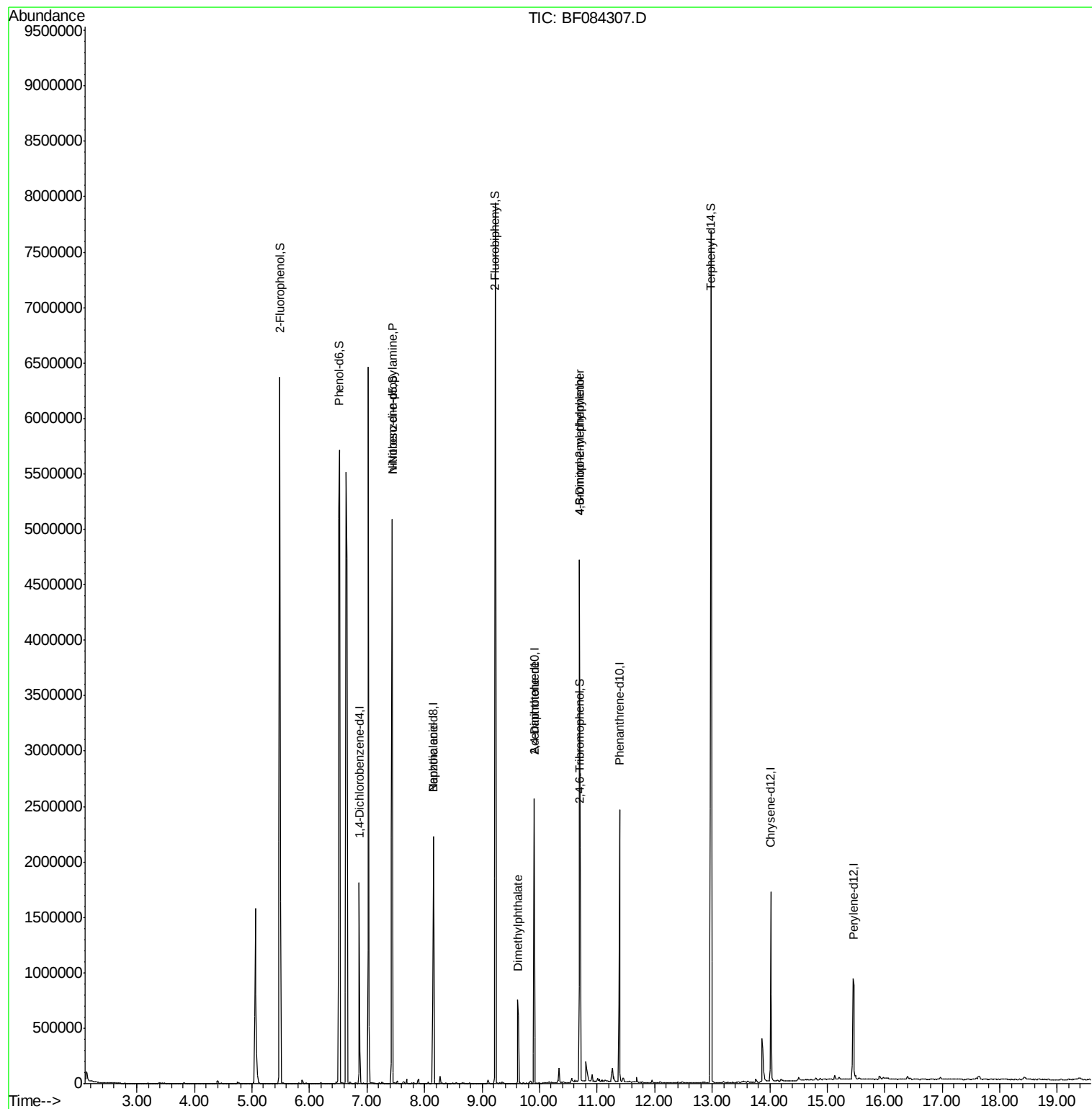
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	247407	20.13	ng	# 71
32) Benzoic acid	8.16	122	227	6.27	ng	# 1
49) Dimethylphthalate	9.63	163	432245	13.08	ng	# 91
56) 2,4-Dinitrotoluene	9.90	165	61184	6.67	ng	# 21
57) Fluorene	10.69	166	24524	Below Cal		# 90
64) 4,6-Dinitro-2-methylphenol	10.69	198	1417	6.62	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	38922	4.17	ng	# 1
73) Di-n-butylphthalate	11.95	149	15693	Below Cal		# 94

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

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Quant Time: Jan 08 00:03:13 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: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084307.D

Acq: 7 Jan 2016 16:05

Instrument :

BNA_F

ClientSampleId :

SW001

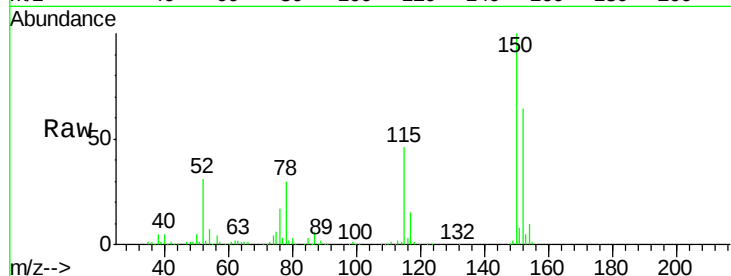
Tgt Ion:152 Resp: 233807

Ion Ratio Lower Upper

152 100

150 157.2 123.0 184.4

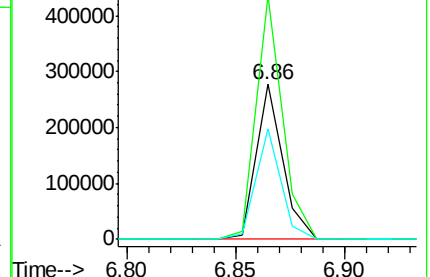
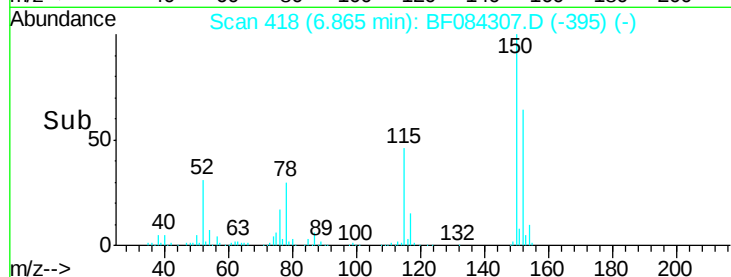
115 71.7 51.4 77.2



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: 133.28 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084307.D

Acq: 7 Jan 2016 16:05

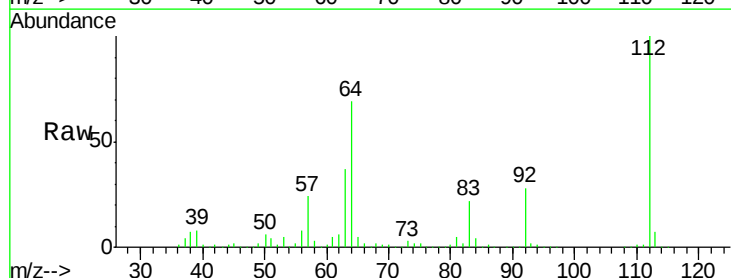
Tgt Ion:112 Resp: 1926646

Ion Ratio Lower Upper

112 100

64 68.7 36.6 55.0#

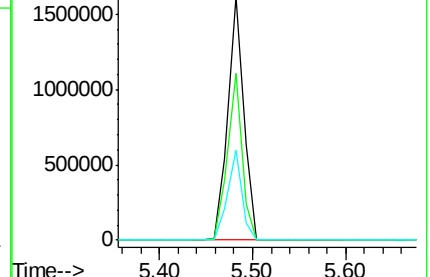
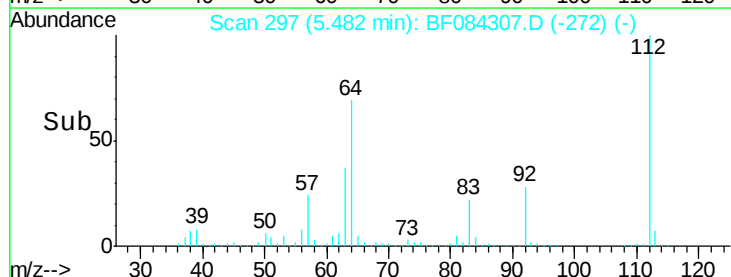
63 36.8 19.4 29.0#

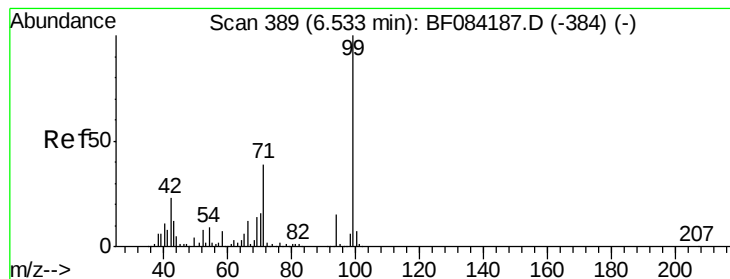


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 156.37 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084307.D

Acq: 7 Jan 2016 16:05

Instrument :

BNA_F

ClientSampleId :

SW001

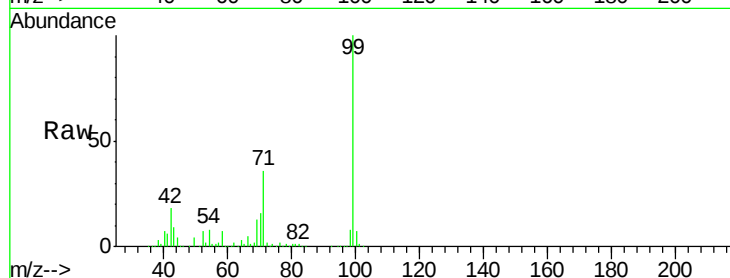
Tgt Ion: 99 Resp: 2838845

Ion Ratio Lower Upper

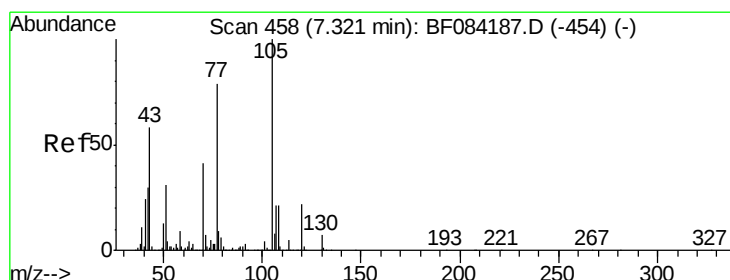
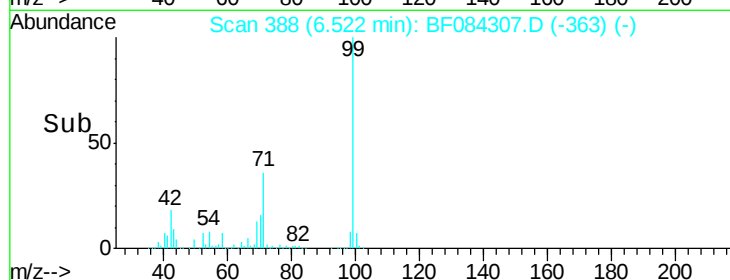
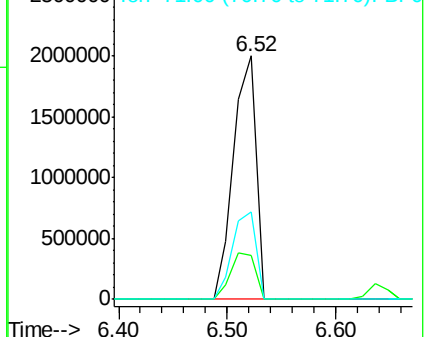
99 100

42 18.0 12.8 19.2

71 35.8 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: 20.13 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.11 min

Lab File: BF084307.D

Acq: 7 Jan 2016 16:05

Tgt Ion: 70 Resp: 247407

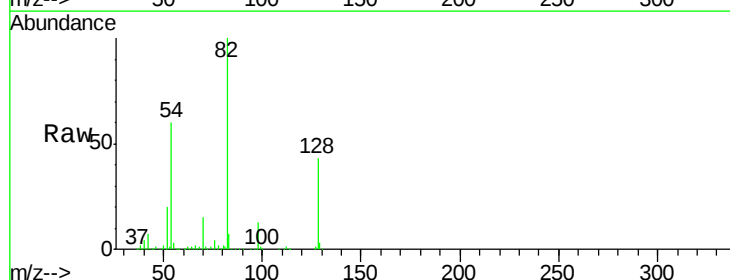
Ion Ratio Lower Upper

70 100

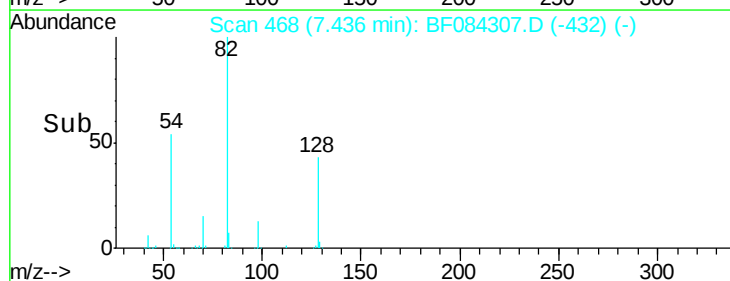
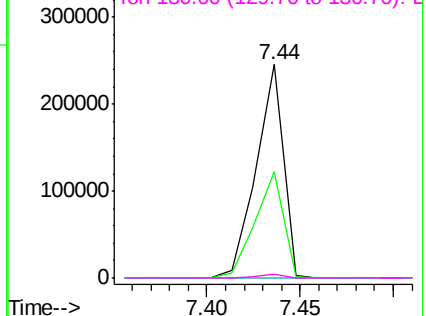
42 49.6 33.3 49.9

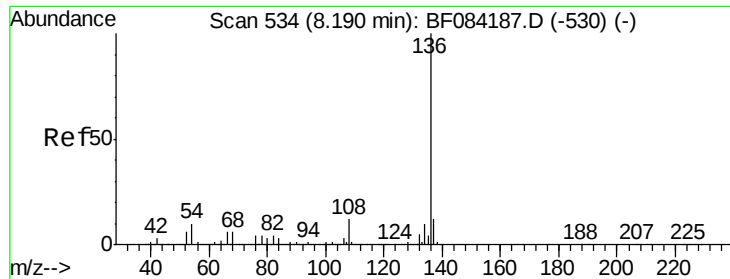
101 0.0 9.3 13.9#

130 2.0 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): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF084307.D

Acq: 7 Jan 2016 16:05

Instrument :

BNA_F

ClientSampleId :

SW001

Tgt Ion:136 Resp: 1014656

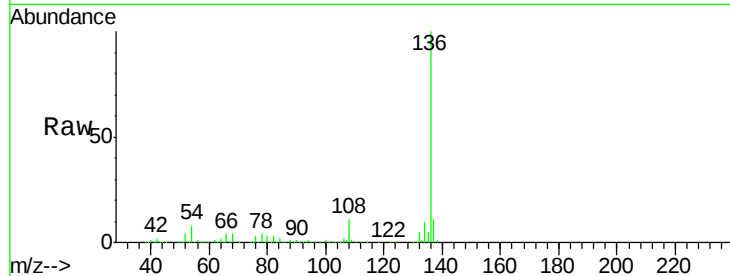
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.8 5.8 8.8

68 4.4 4.2 6.2

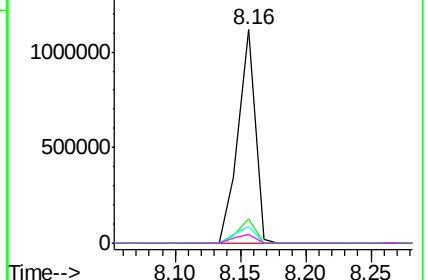
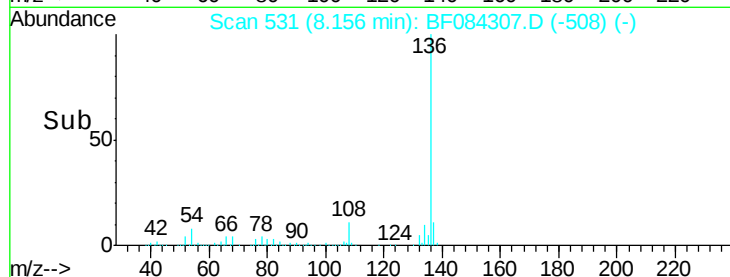


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.28 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF084307.D

Acq: 7 Jan 2016 16:05

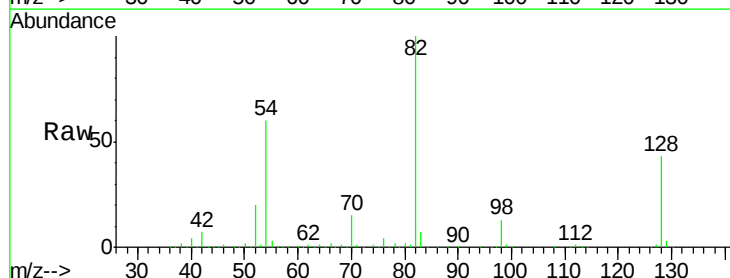
Tgt Ion: 82 Resp: 1700612

Ion Ratio Lower Upper

82 100

128 43.2 34.6 51.8

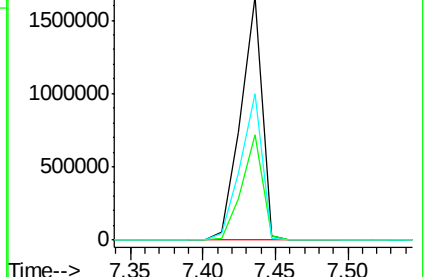
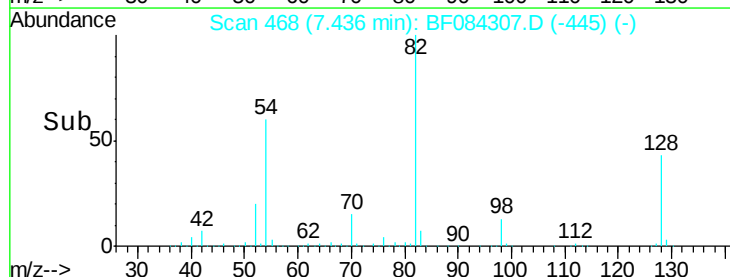
54 59.9 38.4 57.6#



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: 8.16 min Scan# 531

Delta R.T. 0.20 min

Lab File: BF084307.D

Acq: 7 Jan 2016 16:05

Instrument :

BNA_F

ClientSampleId :

SW001

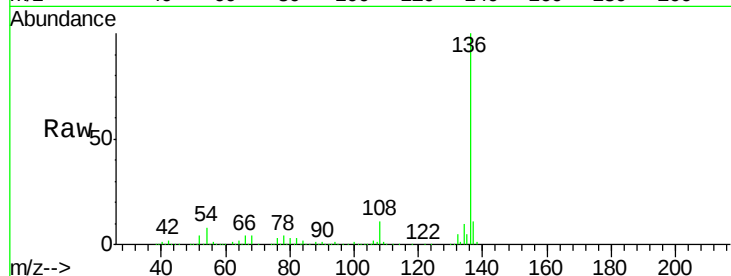
Tgt Ion:122 Resp: 227

Ion Ratio Lower Upper

122 100

105 325.1 100.3 140.3#

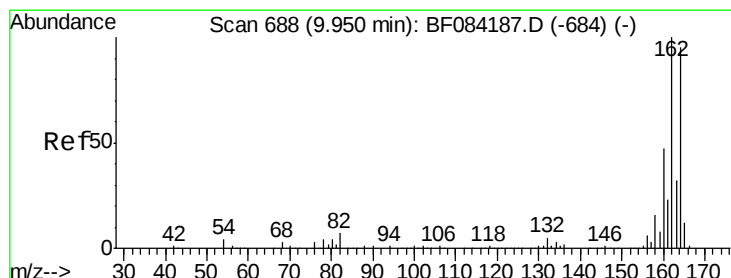
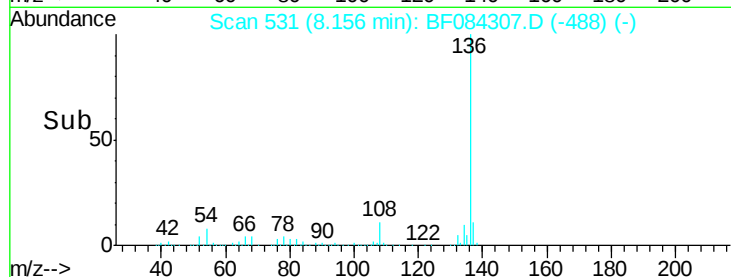
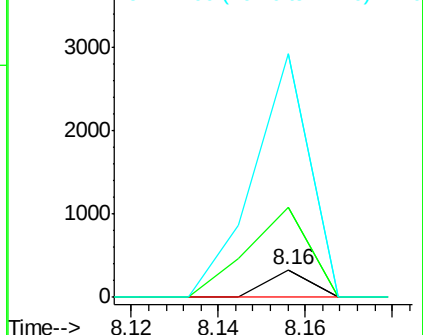
77 881.0 63.5 103.5#



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: 9.90 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF084307.D

Acq: 7 Jan 2016 16:05

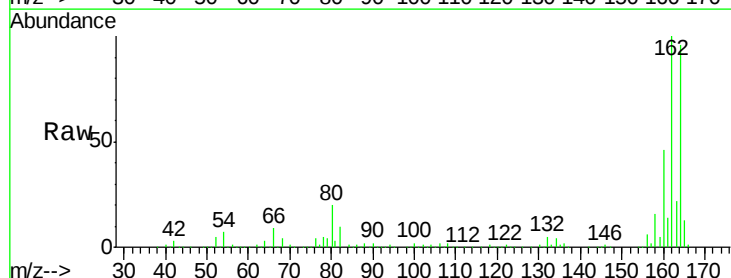
Tgt Ion:164 Resp: 462303

Ion Ratio Lower Upper

164 100

162 103.9 85.1 127.7

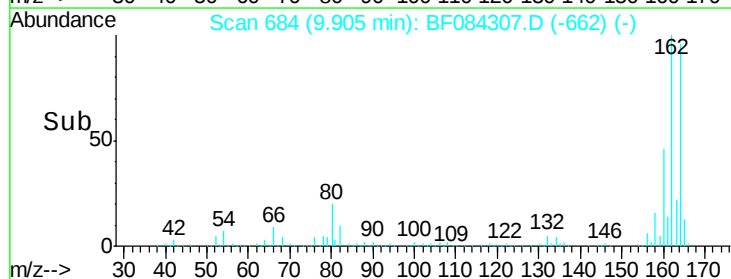
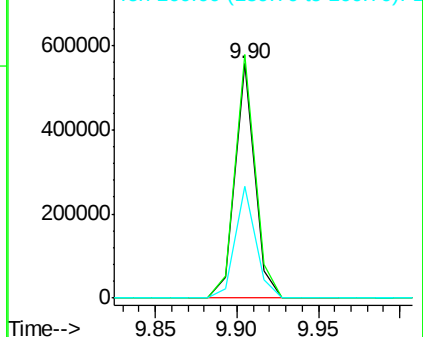
160 48.0 37.5 56.3

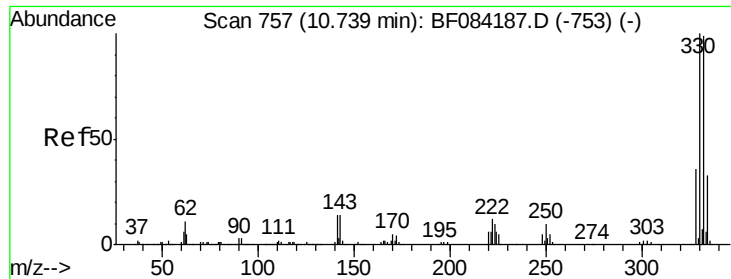


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

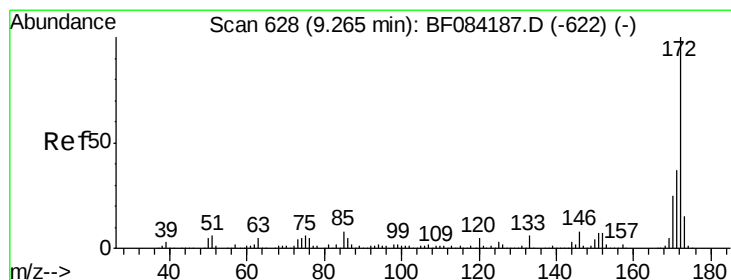
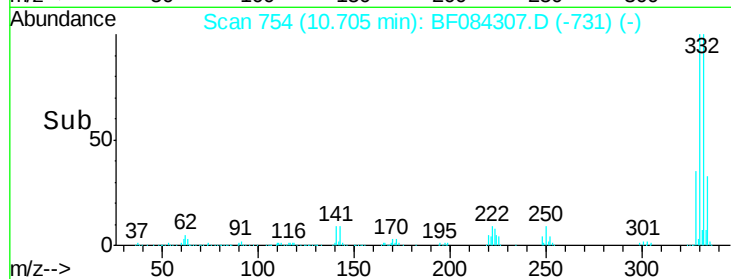
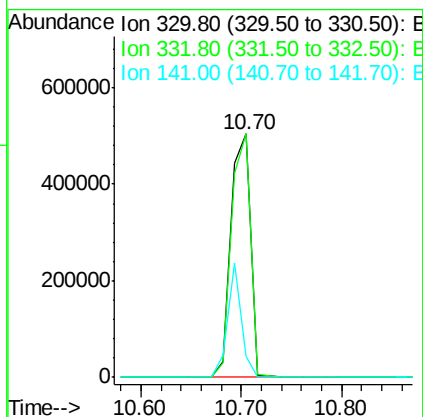
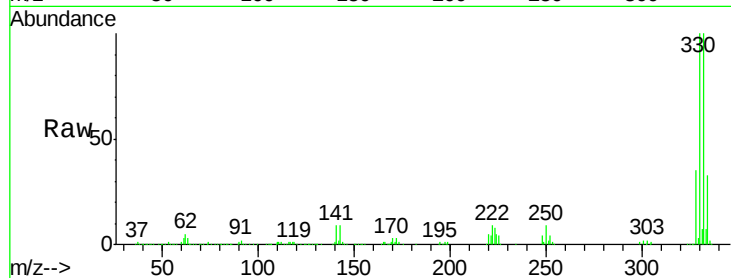




#41
 2,4,6-Tribromophenol
 Concen: 145.72 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084307.D
 Acq: 7 Jan 2016 16:05

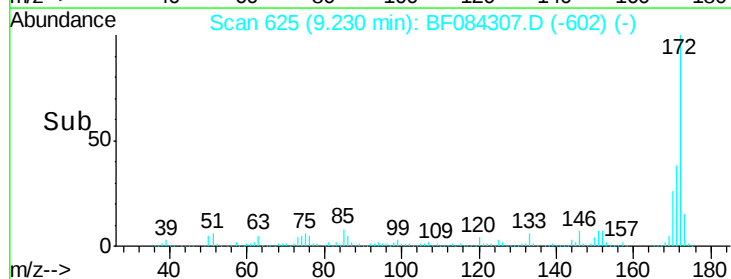
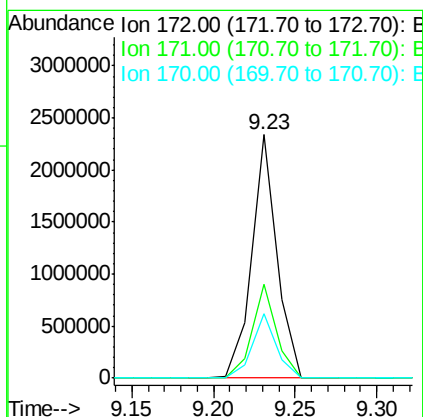
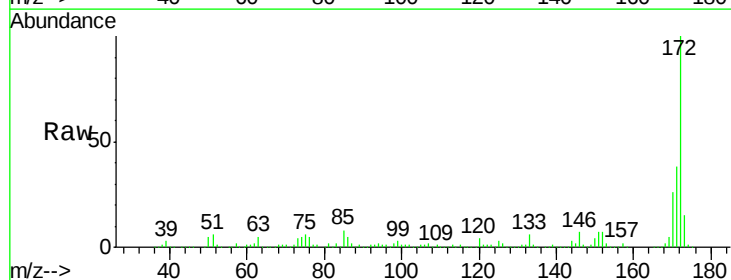
Instrument :
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 ClientSampleId :
 SW001

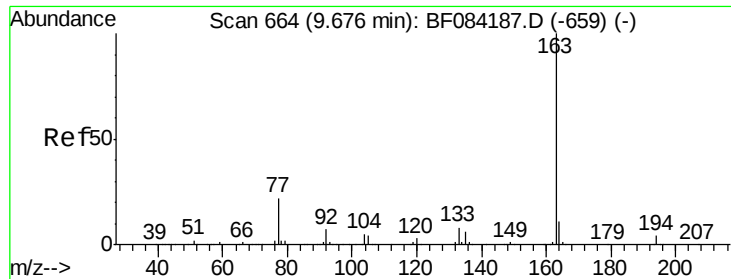
Tgt Ion:330 Resp: 680136
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 33.3 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 95.78 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084307.D
 Acq: 7 Jan 2016 16:05

Tgt Ion:172 Resp: 2495977
 Ion Ratio Lower Upper
 172 100
 171 38.3 28.9 43.3
 170 26.3 18.6 27.8

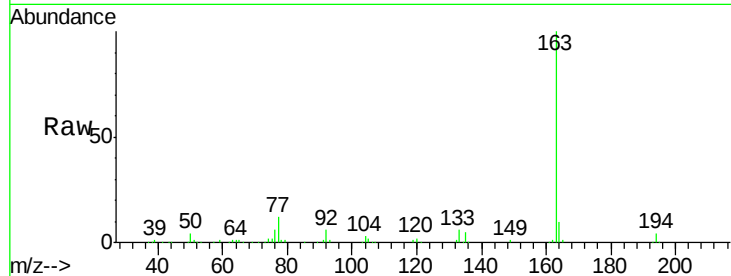




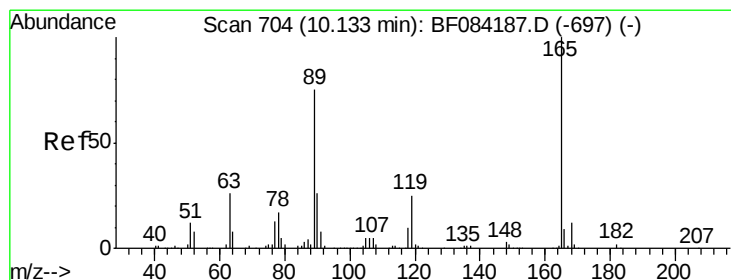
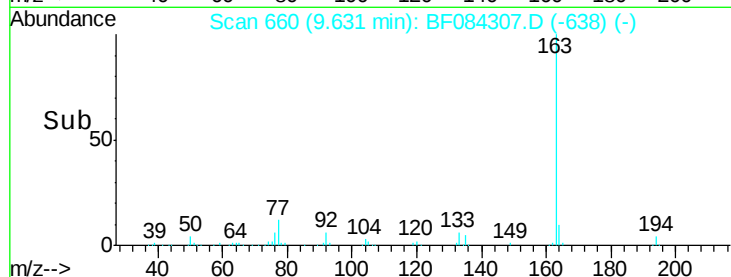
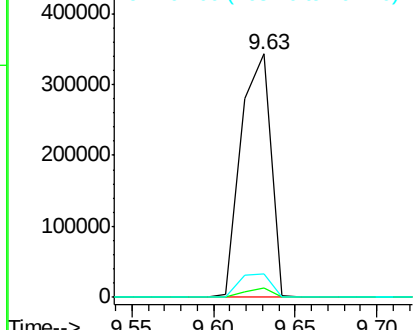
#49
Dimethylphthalate
Concen: 13.08 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF084307.D
Acq: 7 Jan 2016 16:05

Instrument :
BNA_F
ClientSampleId :
SW001

Tgt Ion:163 Resp: 432245
Ion Ratio Lower Upper
163 100
194 3.8 8.0 12.0#
164 9.7 8.0 12.0

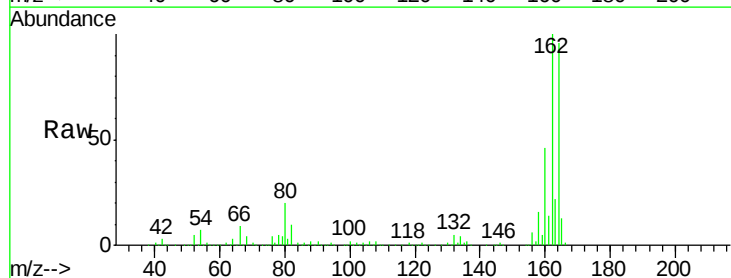


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

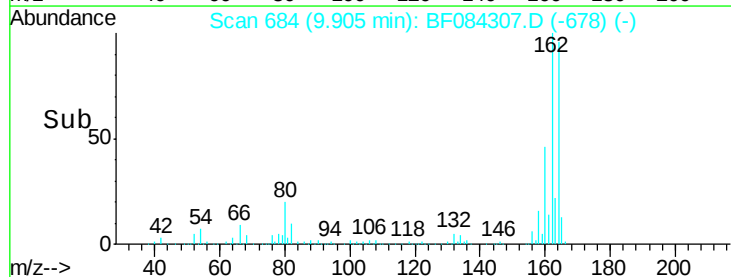
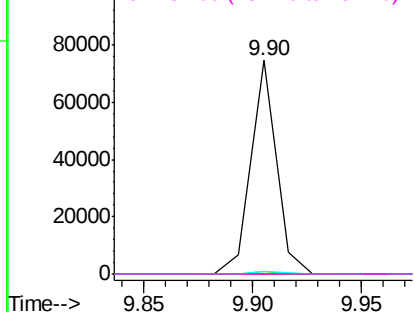


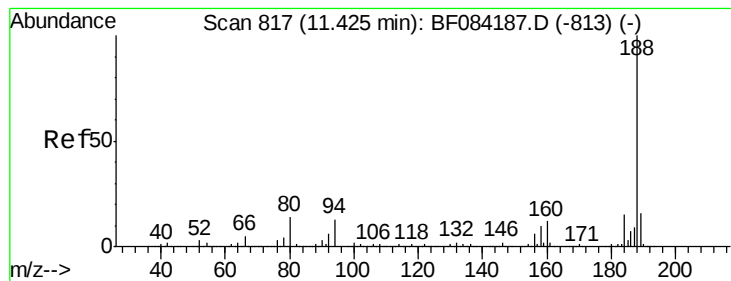
#56
2,4-Dinitrotoluene
Concen: 6.67 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF084307.D
Acq: 7 Jan 2016 16:05

Tgt Ion:165 Resp: 61184
Ion Ratio Lower Upper
165 100
63 1.1 36.7 55.1#
89 1.2 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: 11.39 min Scan# 814

Delta R.T. -0.03 min

Lab File: BF084307.D

Acq: 7 Jan 2016 16:05

Instrument :

BNA_F

ClientSampleId :

SW001

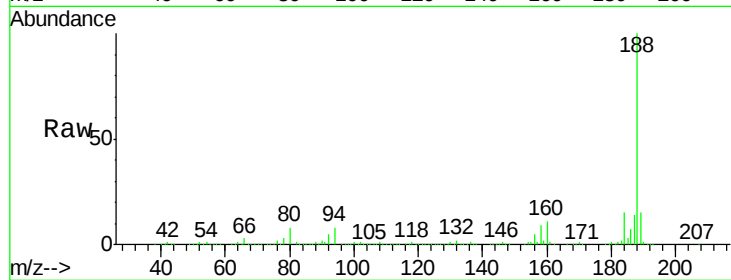
Tgt Ion:188 Resp: 867726

Ion Ratio Lower Upper

188 100

94 8.1 9.0 13.4#

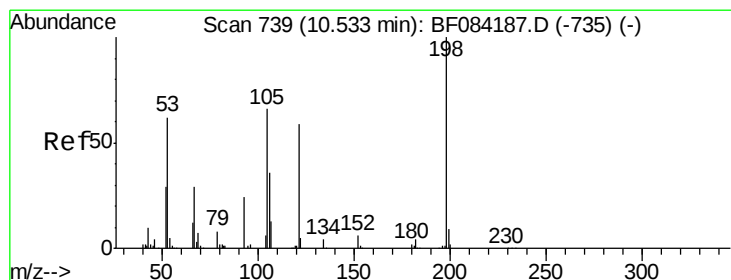
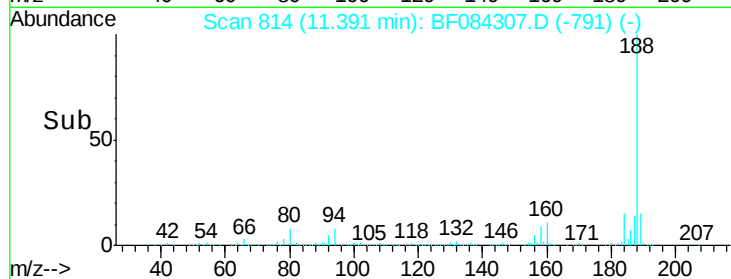
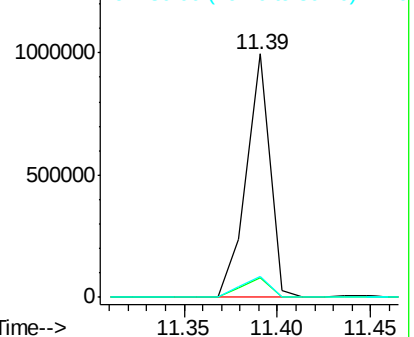
80 8.4 9.6 14.4#



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: 6.62 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.16 min

Lab File: BF084307.D

Acq: 7 Jan 2016 16:05

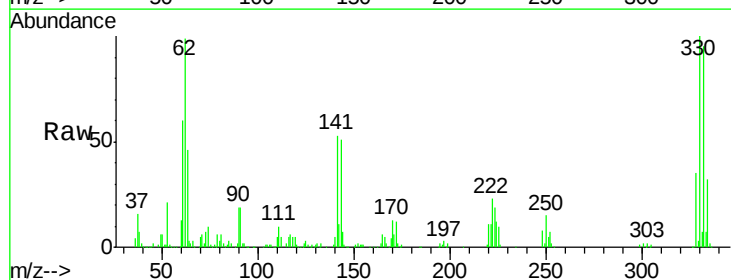
Tgt Ion:198 Resp: 1417

Ion Ratio Lower Upper

198 100

51 255.5 18.9 58.9#

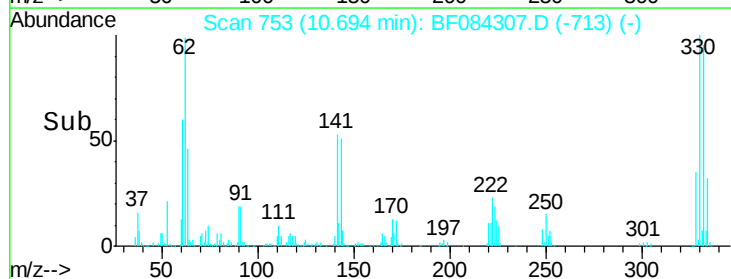
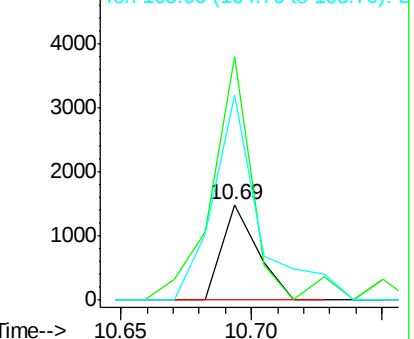
105 215.2 26.4 66.4#

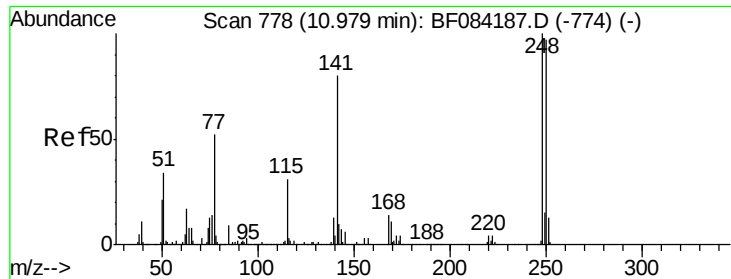


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

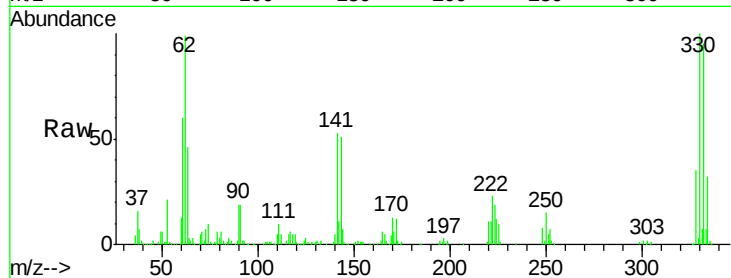




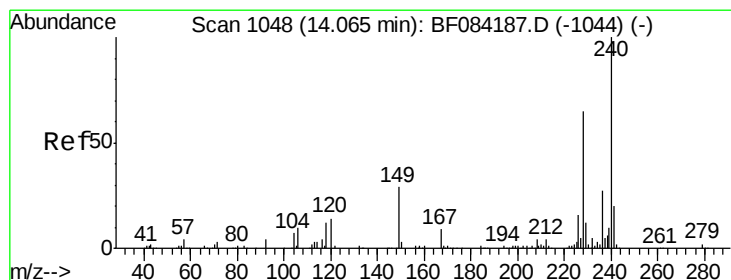
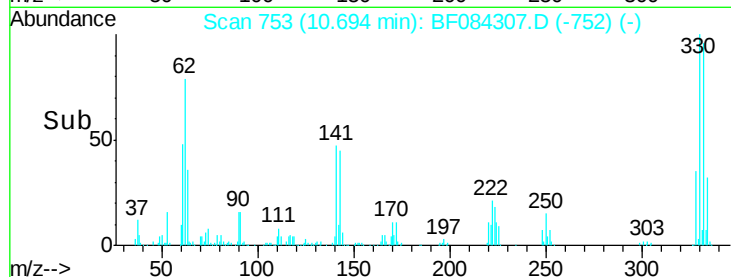
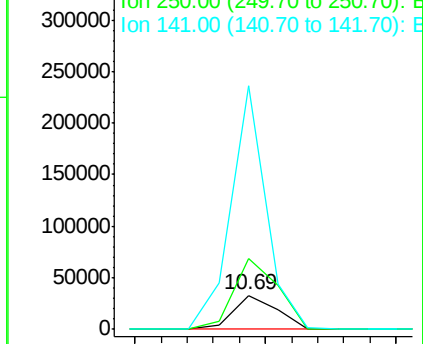
#66
4-Bromophenyl-phenylether
Concen: 4.17 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.29 min
Lab File: BF084307.D
Acq: 7 Jan 2016 16:05

Instrument :
BNA_F
ClientSampleId :
SW001

Tgt Ion:248 Resp: 38922
Ion Ratio Lower Upper
248 100
250 205.6 78.4 117.6#
141 710.1 44.0 66.0#

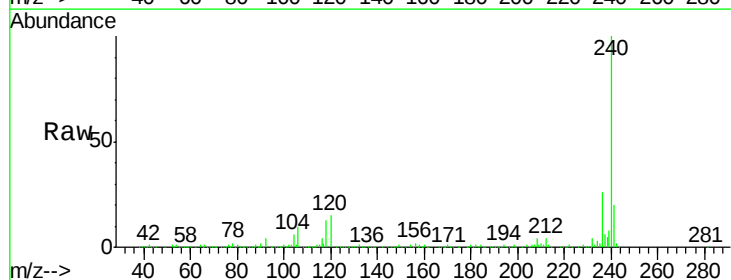


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

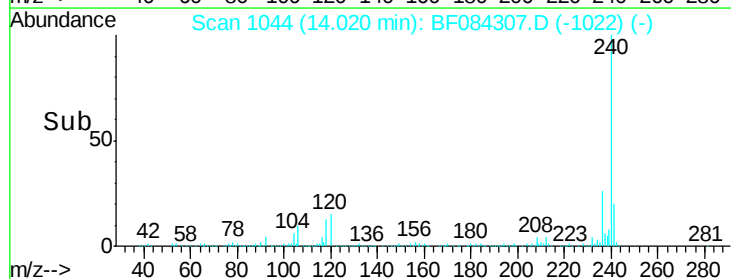
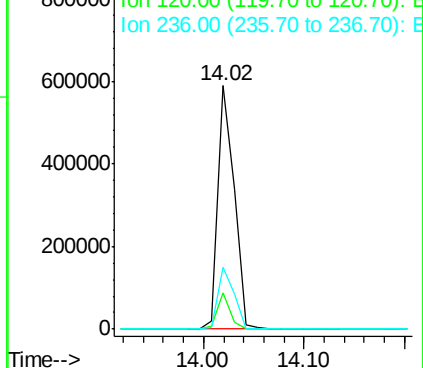


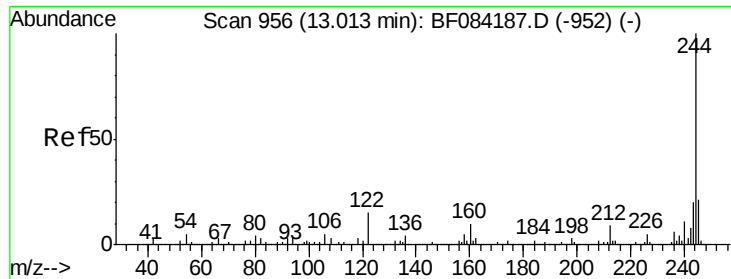
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084307.D
Acq: 7 Jan 2016 16:05

Tgt Ion:240 Resp: 665652
Ion Ratio Lower Upper
240 100
120 14.8 9.5 14.3#
236 25.7 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

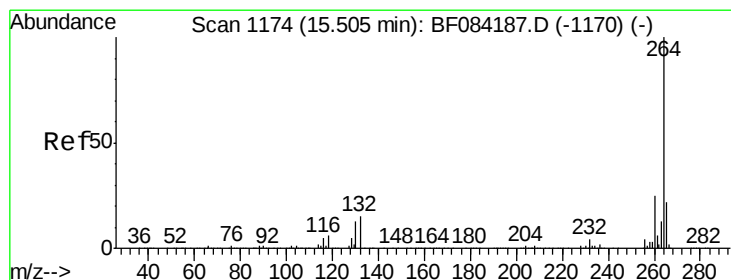
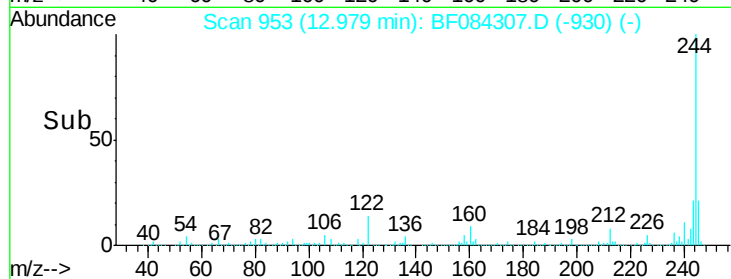
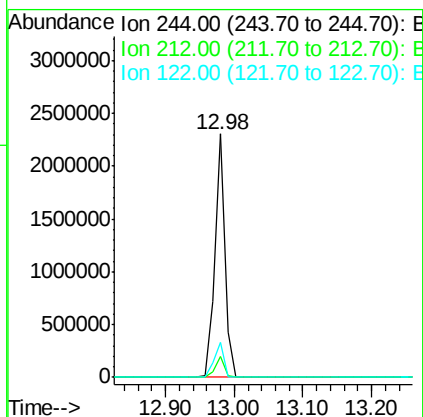
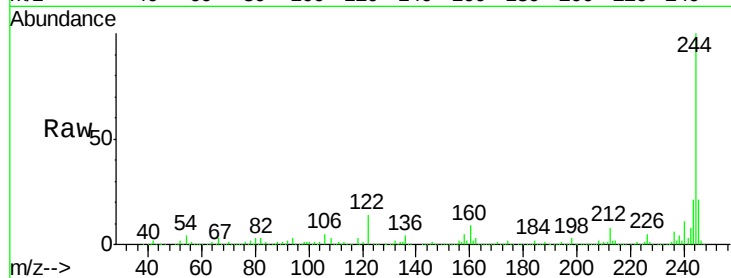




#78
 Terphenyl-d14
 Concen: 80.20 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF084307.D
 Acq: 7 Jan 2016 16:05

Instrument :
 BNA_F
 ClientSampleId :
 SW001

Tgt Ion:244 Resp: 2391689
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.7 8.5
 122 14.3 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.05 min
 Lab File: BF084307.D
 Acq: 7 Jan 2016 16:05

Tgt Ion:264 Resp: 514218
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.4 29.2
 265 21.5 17.8 26.6

