

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086449.D
 Acq On : 28 Apr 2016 3:20
 Operator : UM/SJ
 Sample : H2654-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-8(0-6FTBGS)

Quant Time: Apr 28 05:45:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

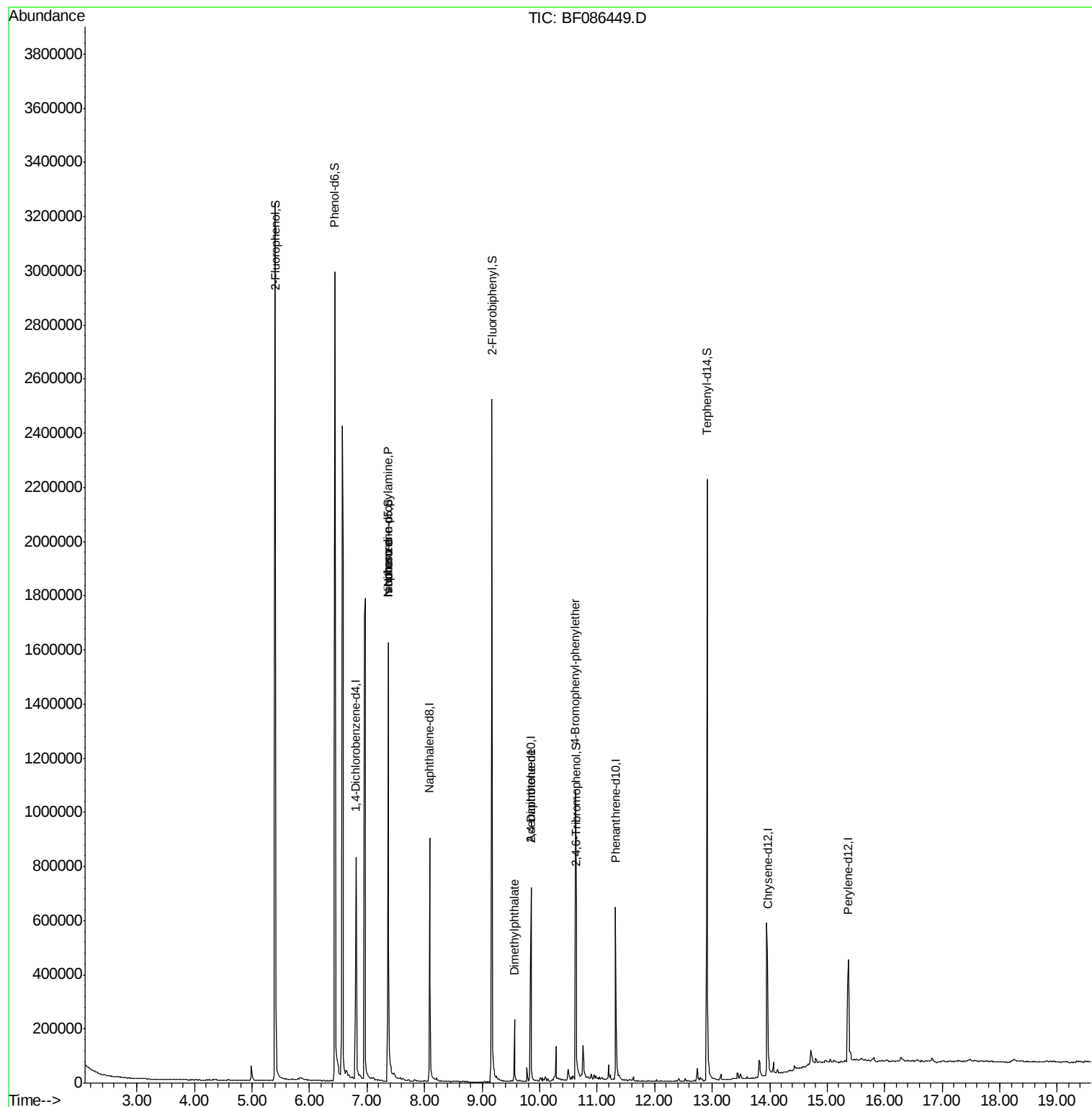
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	128348	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	468727	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	173832	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	281603	20.00	ng	0.00
75) Chrysene-d12	13.96	240	306638	20.00	ng	0.00
86) Perylene-d12	15.37	264	224350	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	819449	110.13	ng	0.01
7) Phenol-d6	6.44	99	1045727	100.69	ng	0.00
23) Nitrobenzene-d5	7.37	82	605552	69.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	160882	87.76	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1019959	108.68	ng	0.00
78) Terphenyl-d14	12.91	244	716204	51.46	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	81081	11.81	ng	# 73
25) Isophorone	7.37	82	528230	31.56	ng	# 68
49) Dimethylphthalate	9.56	163	85765	6.55	ng	99
56) 2,4-Dinitrotoluene	9.85	165	21268	6.17	ng	# 16
66) 4-Bromophenyl-phenylether	10.62	248	8967	3.09	ng	# 1

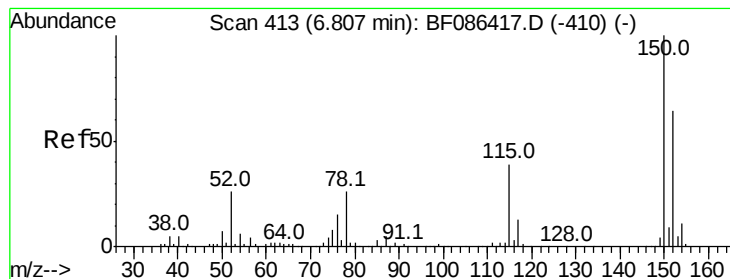
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086449.D
Acq On : 28 Apr 2016 3:20
Operator : UM/SJ
Sample : H2654-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-8(0-6FTBGS)

Quant Time: Apr 28 05:45:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF086449.D

Acq: 28 Apr 2016 3:20

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-8(0-6FTBGS)

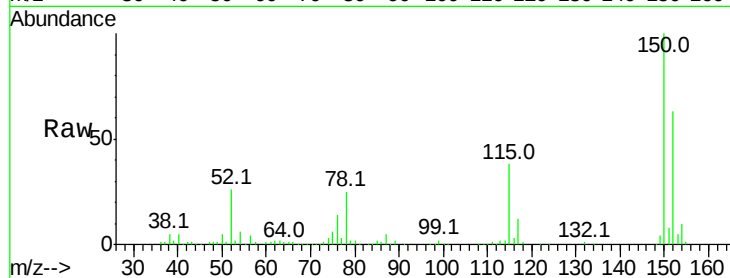
Tot Ion:152 Resp: 128348

Ion Ratio Lower Upper

152 100

150 157.6 125.8 188.6

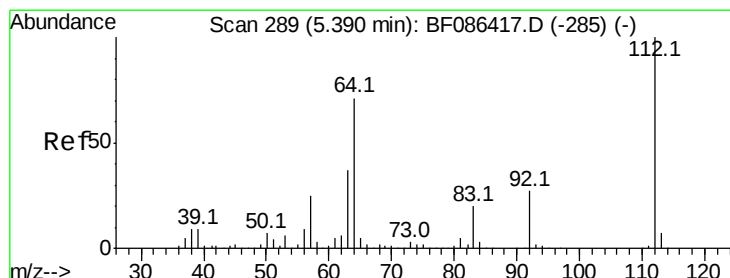
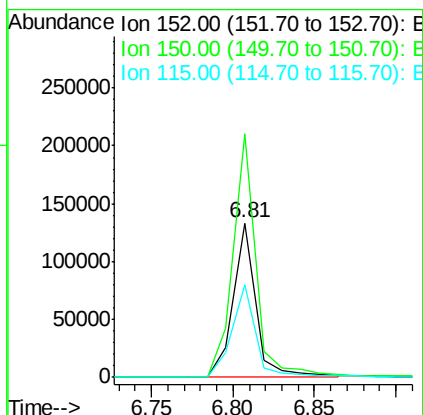
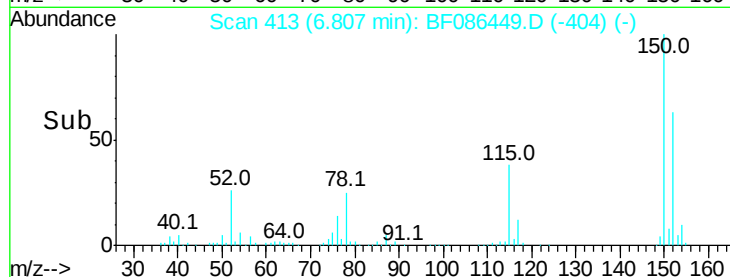
115 59.5 51.5 77.3



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: 110.13 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086449.D

Acq: 28 Apr 2016 3:20

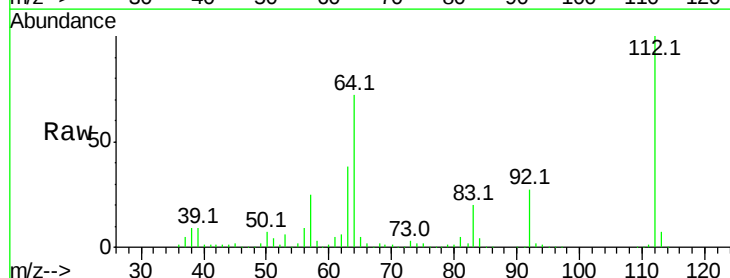
Tgt Ion:112 Resp: 819449

Ion Ratio Lower Upper

112 100

64 71.7 52.1 78.1

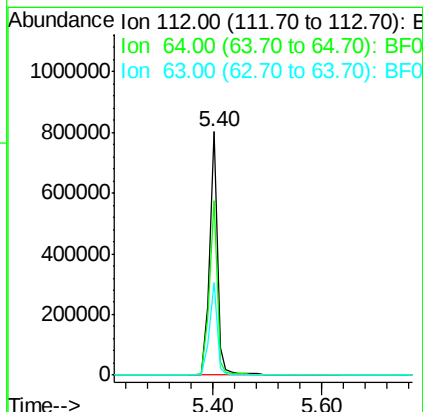
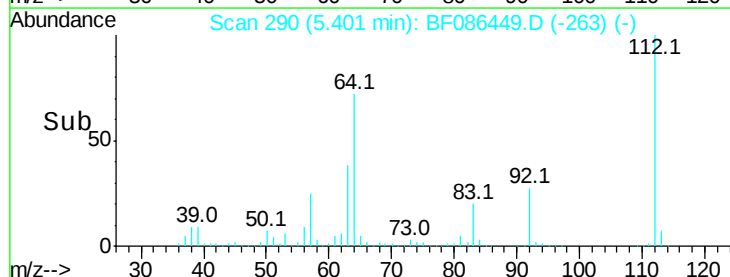
63 37.8 25.7 38.5

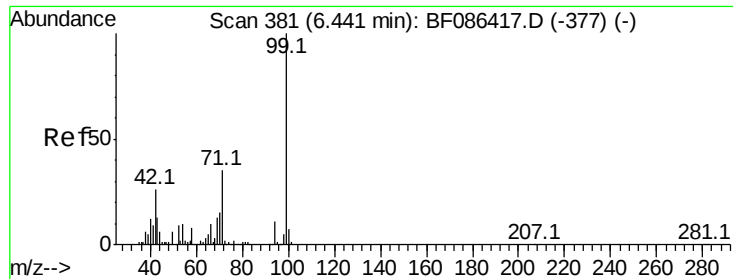


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.69 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086449.D

Acq: 28 Apr 2016 3:20

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-8(0-6FTBGS)

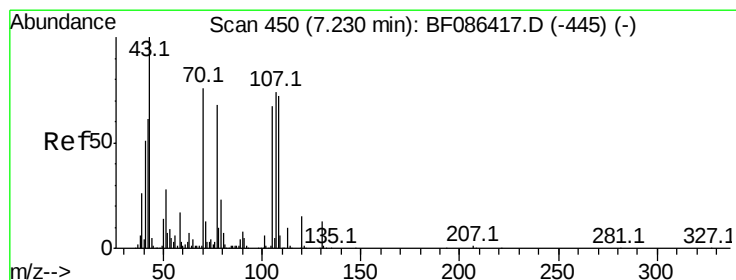
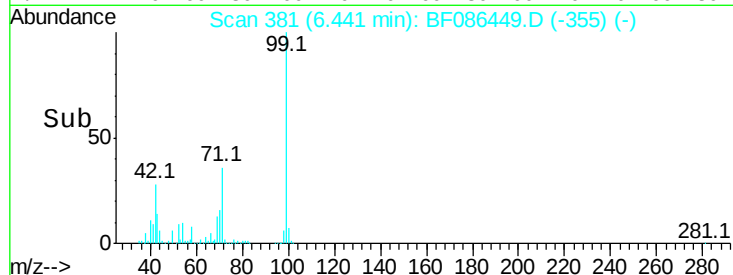
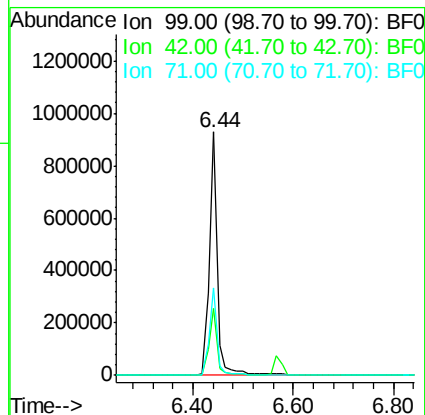
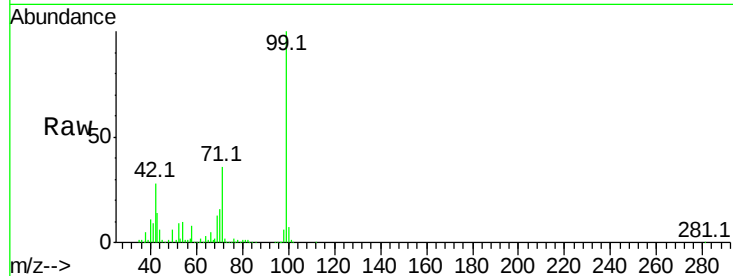
Tot Ion: 99 Resp: 1045727

Ion Ratio Lower Upper

99 100

42 27.7 13.6 20.4#

71 36.1 24.6 36.8



#19

n-Nitroso-di-n-propylamine

Concen: 11.81 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.14 min

Lab File: BF086449.D

Acq: 28 Apr 2016 3:20

Tgt Ion: 70 Resp: 81081

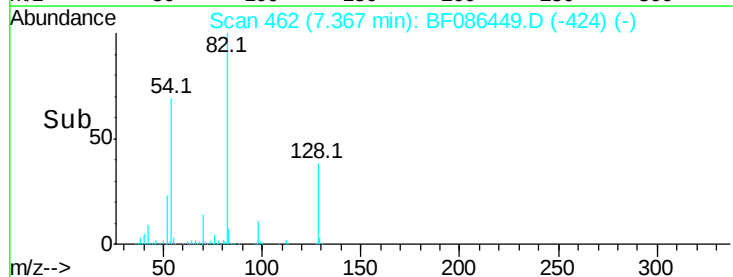
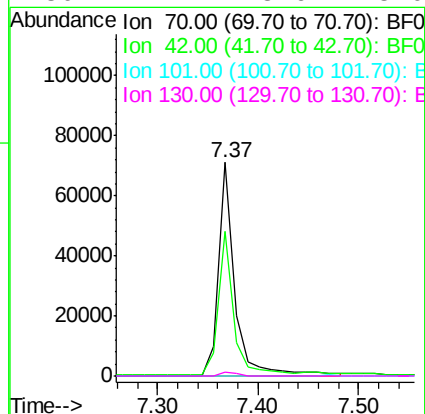
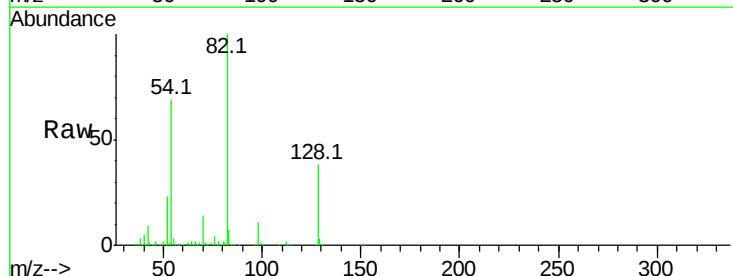
Ion Ratio Lower Upper

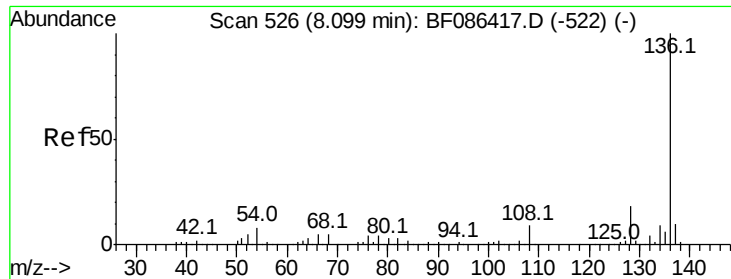
70 100

42 68.0 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

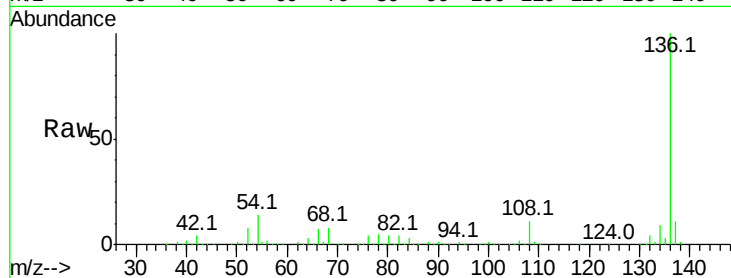




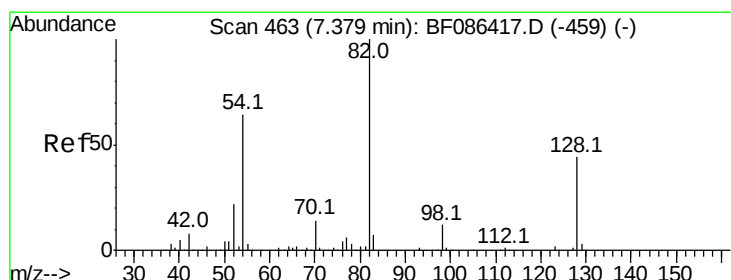
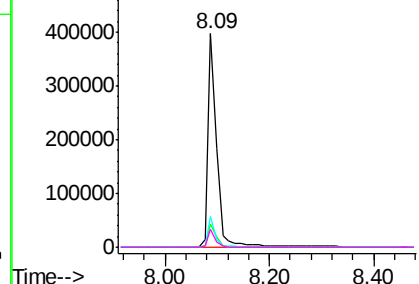
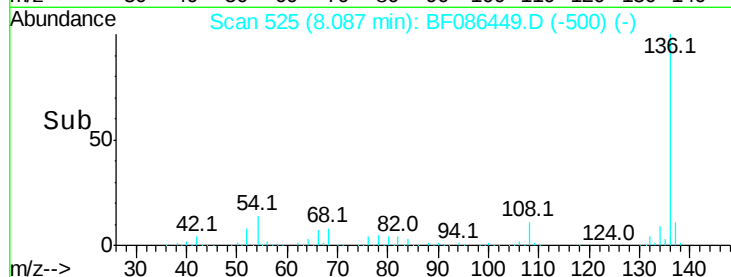
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF086449.D
Acq: 28 Apr 2016 3:20

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-8(0-6FTBGS)

Tot Ion:	136	Resp:	468727
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	14.1	5.0	7.4#
68	8.3	4.4	6.6#

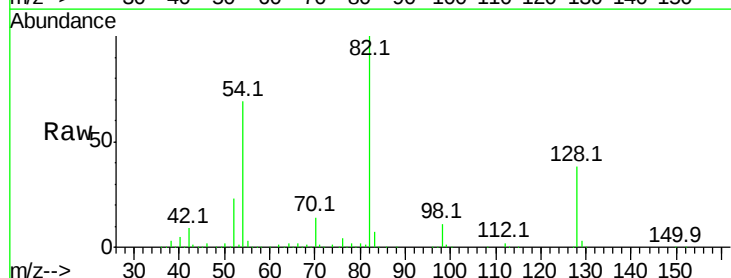


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

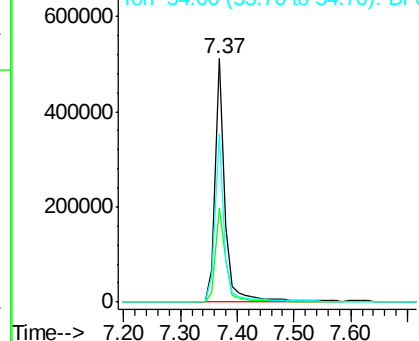
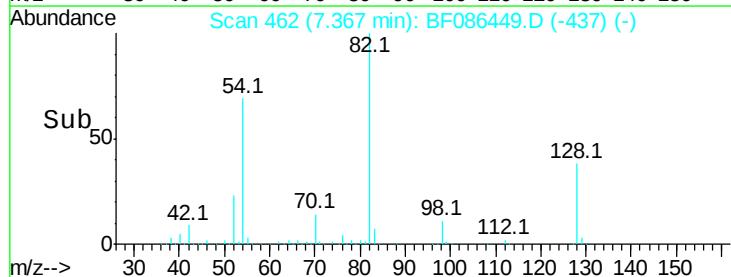


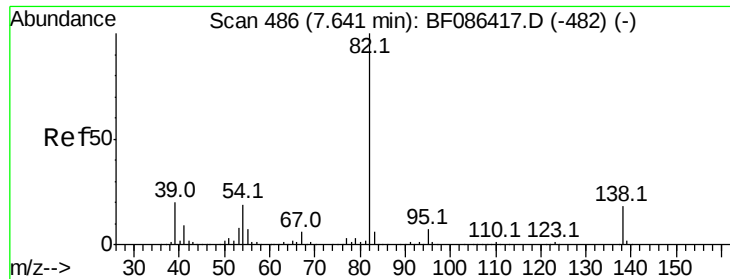
#23
Nitrobenzene-d5
Concen: 69.64 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF086449.D
Acq: 28 Apr 2016 3:20

Tgt Ion:	82	Resp:	605552
Ion	Ratio	Lower	Upper
82	100		
128	38.5	40.6	61.0#
54	68.9	38.1	57.1#



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





#25

Isophorone

Concen: 31.56 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.27 min

Lab File: BF086449.D

Acq: 28 Apr 2016 3:20

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-8(0-6FTBGS)

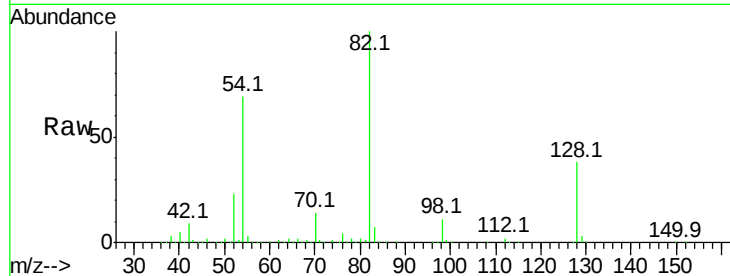
Tot Ion: 82 Resp: 528230

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

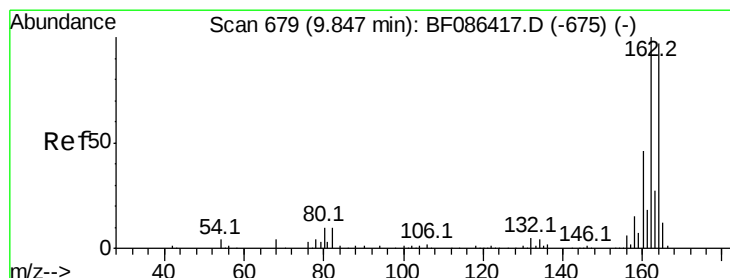
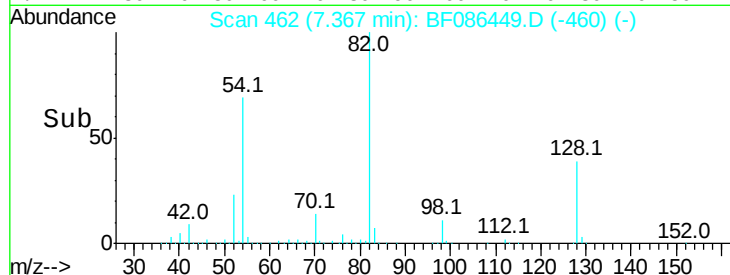
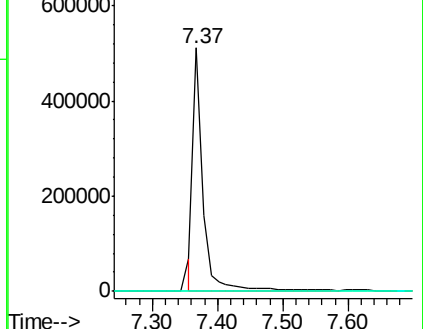
138 0.0 12.4 18.6#



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: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF086449.D

Acq: 28 Apr 2016 3:20

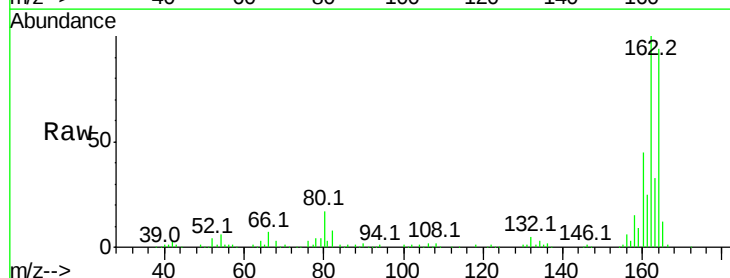
Tgt Ion:164 Resp: 173832

Ion Ratio Lower Upper

164 100

162 106.1 82.8 124.2

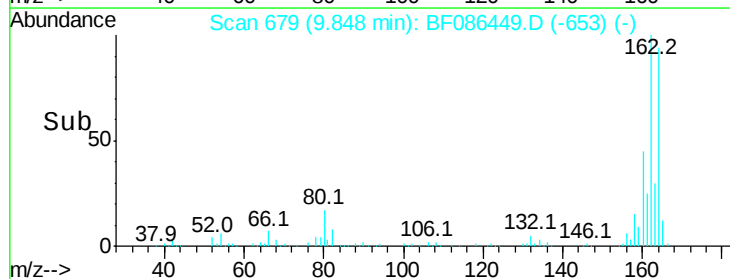
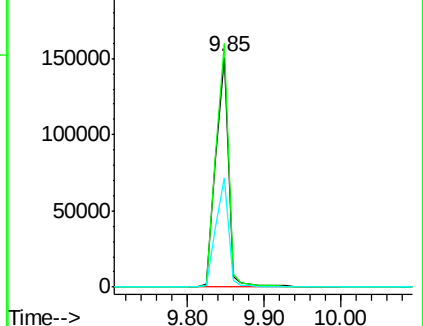
160 47.6 36.9 55.3

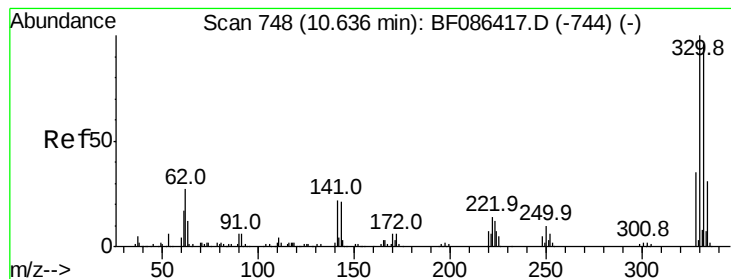


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 87.76 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF086449.D

Acq: 28 Apr 2016 3:20

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-8(0-6FTBGS)

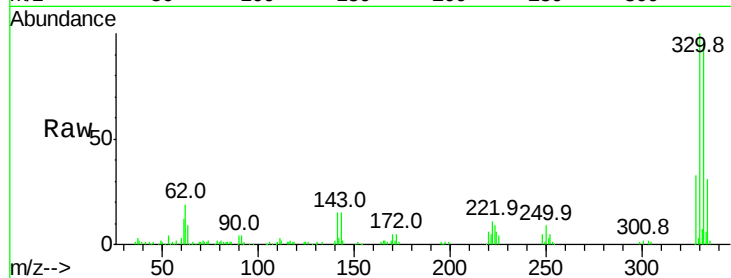
Tot Ion:330 Resp: 160882

Ion Ratio Lower Upper

330 100

332 95.7 79.0 118.4

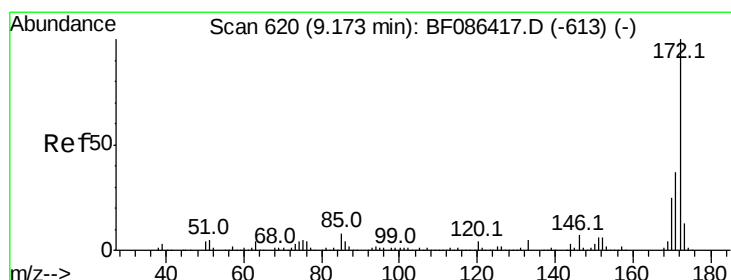
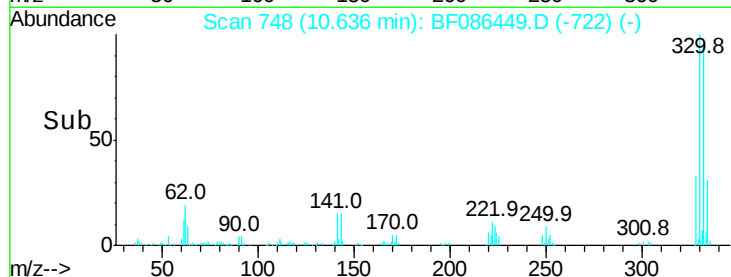
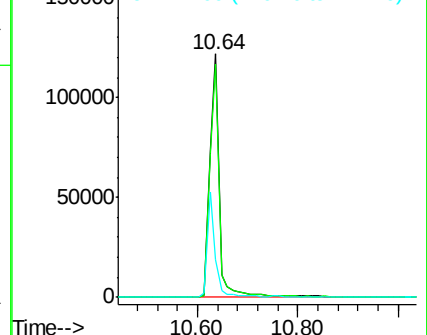
141 35.3 31.2 46.8



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: 108.68 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF086449.D

Acq: 28 Apr 2016 3:20

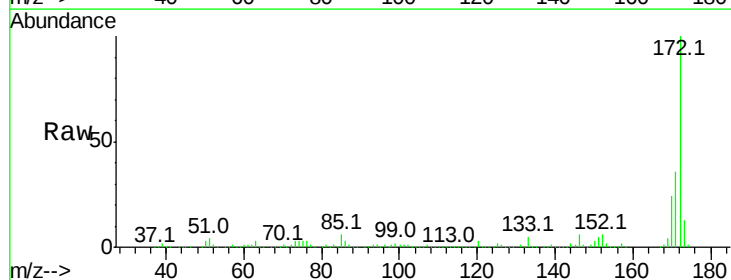
Tgt Ion:172 Resp: 1019959

Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.6

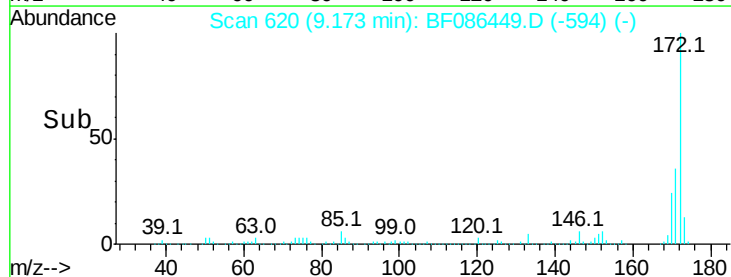
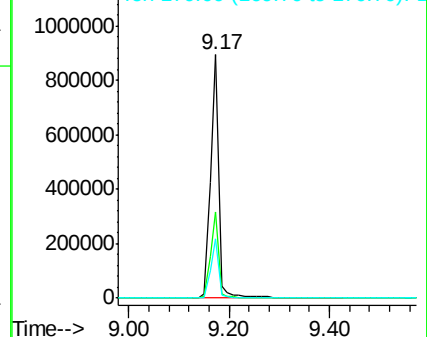
170 24.1 19.8 29.8

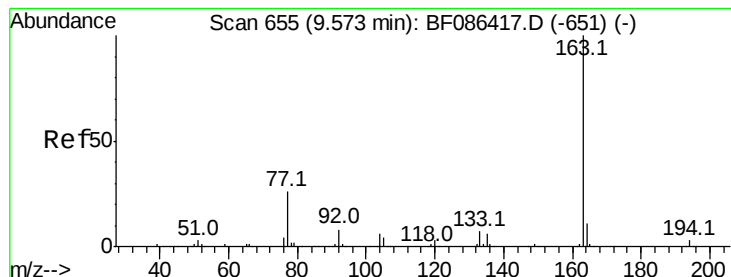


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.55 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF086449.D

Acq: 28 Apr 2016 3:20

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-8(0-6FTBGS)

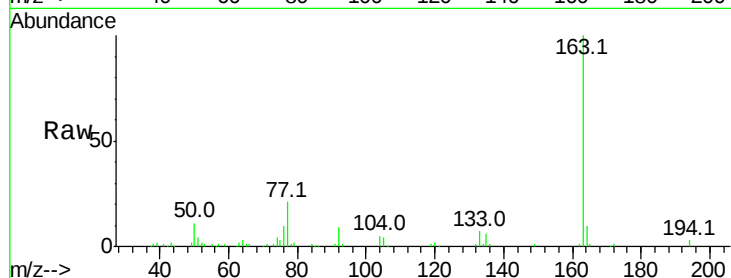
Tot Ion:163 Resp: 85765

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

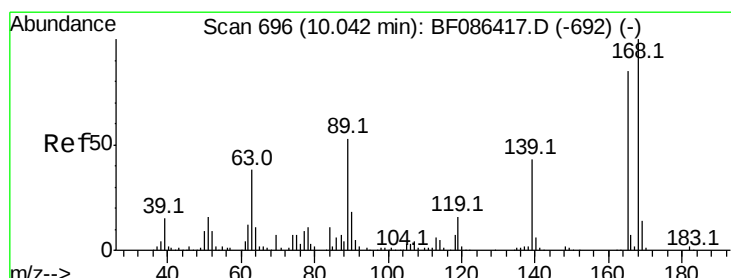
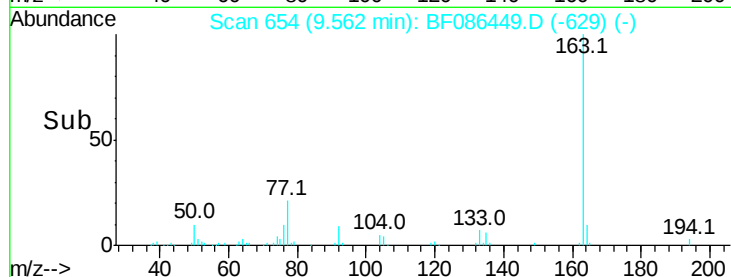
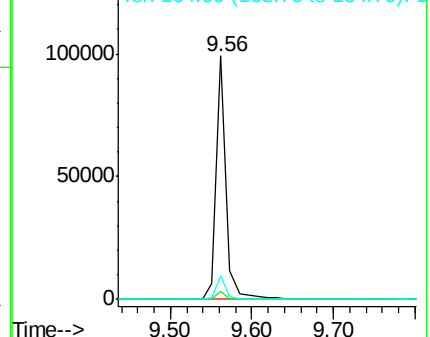
164 9.8 8.2 12.4



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: 6.17 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.19 min

Lab File: BF086449.D

Acq: 28 Apr 2016 3:20

Tgt Ion:165 Resp: 21268

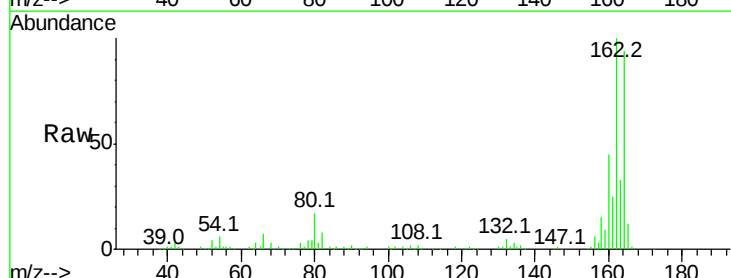
Ion Ratio Lower Upper

165 100

63 1.9 44.3 66.5#

89 2.3 70.0 105.0#

182 0.0 1.8 2.6#

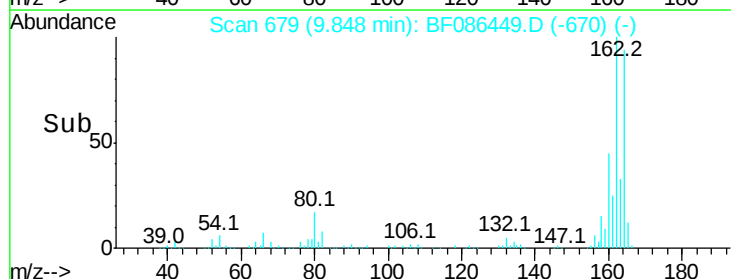
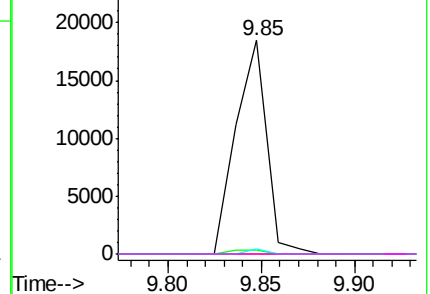


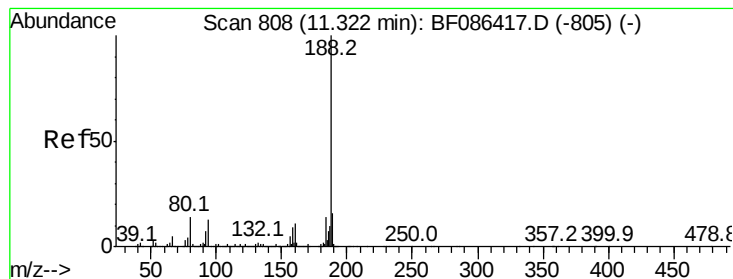
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF086449.D

Acq: 28 Apr 2016 3:20

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-8(0-6FTBGS)

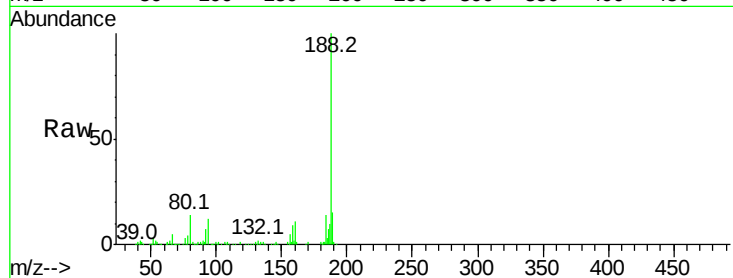
Tot Ion:188 Resp: 281603

Ion Ratio Lower Upper

188 100

94 12.2 6.8 10.2#

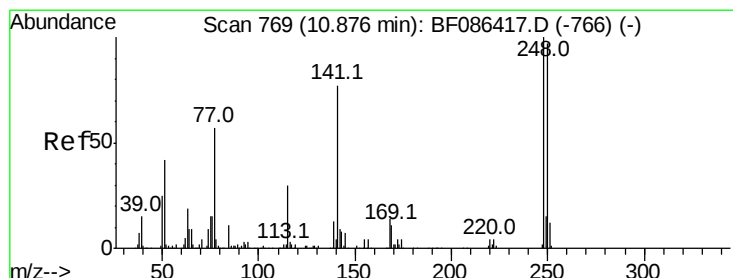
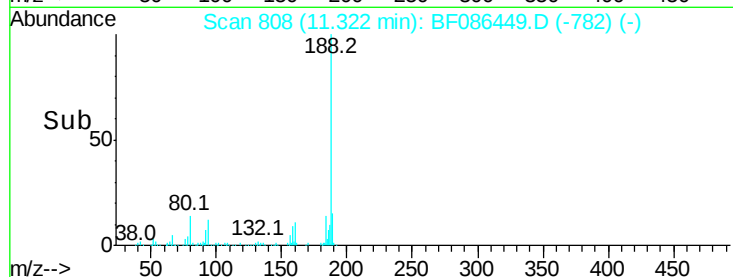
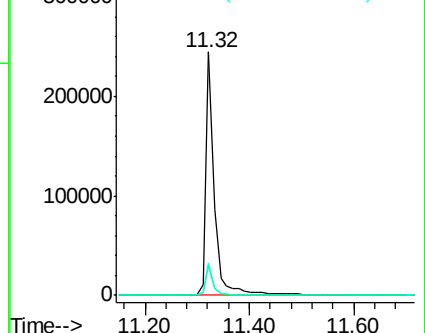
80 13.5 7.1 10.7#



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



#66

4-Bromophenyl-phenylether

Concen: 3.09 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.25 min

Lab File: BF086449.D

Acq: 28 Apr 2016 3:20

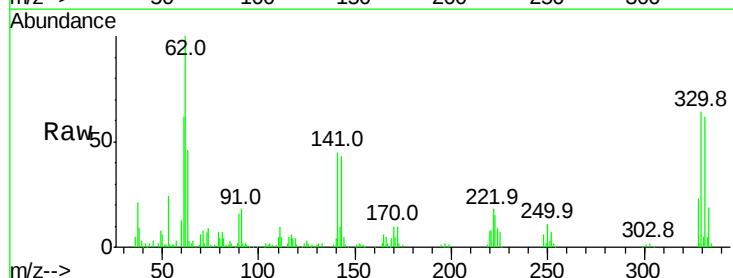
Tgt Ion:248 Resp: 8967

Ion Ratio Lower Upper

248 100

250 199.5 78.6 117.8#

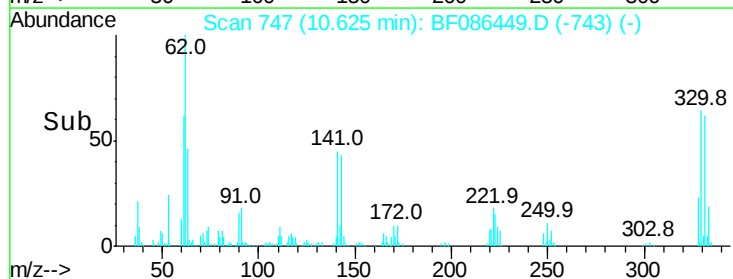
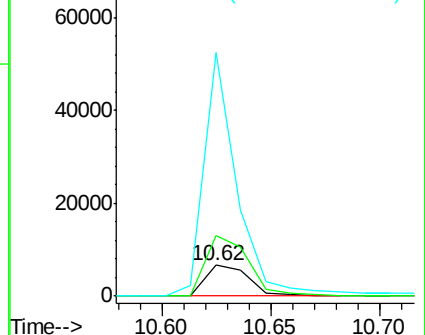
141 796.7 76.0 114.0#

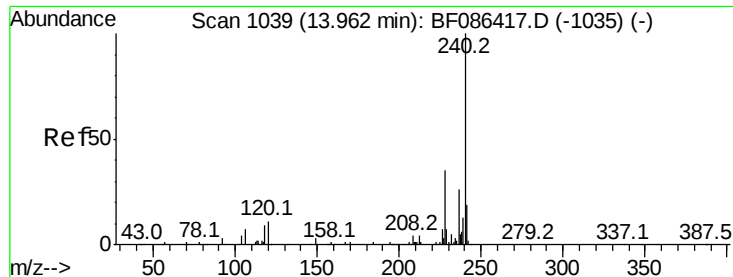


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF086449.D

Acq: 28 Apr 2016 3:20

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-8(0-6FTBGS)

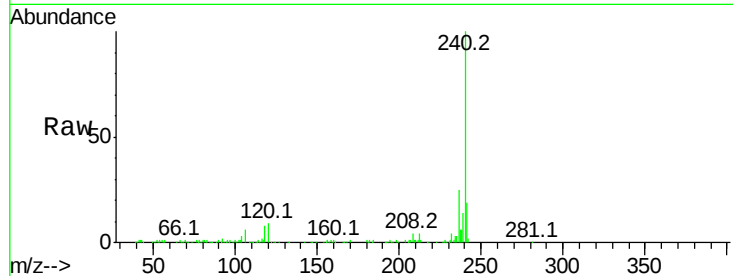
Tot Ion:240 Resp: 306638

Ion Ratio Lower Upper

240 100

120 8.8 11.2 16.8#

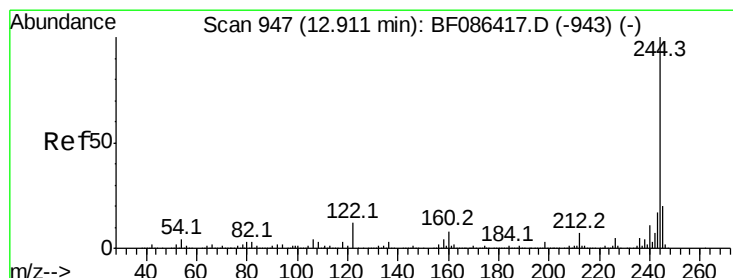
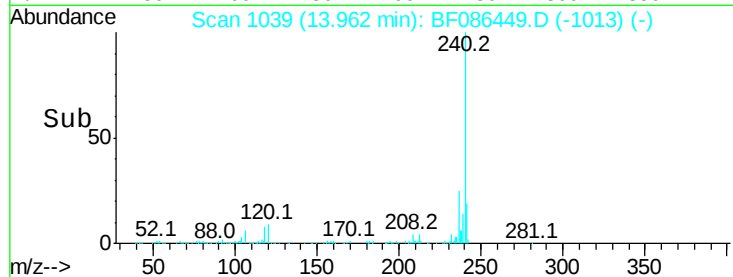
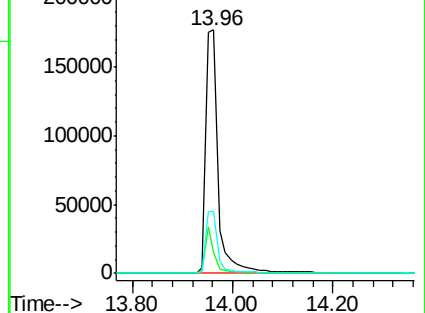
236 25.5 21.2 31.8



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: 51.46 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086449.D

Acq: 28 Apr 2016 3:20

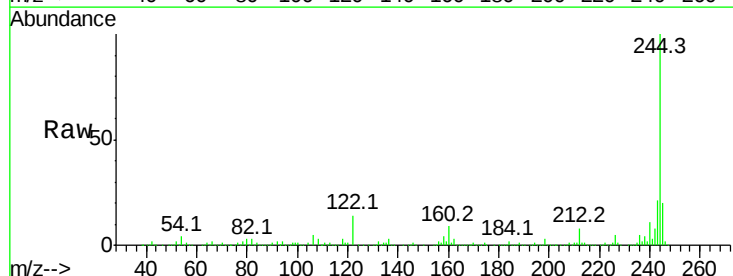
Tgt Ion:244 Resp: 716204

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

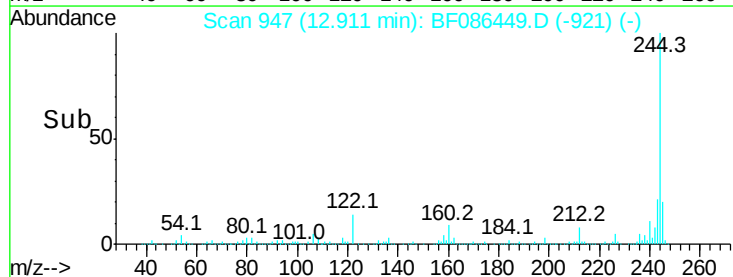
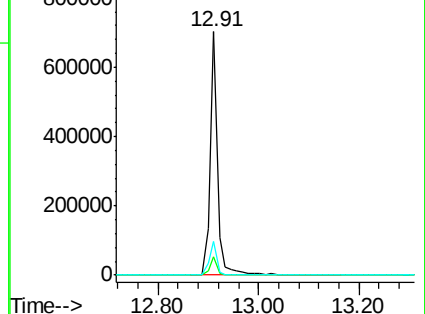
122 13.8 12.0 18.0

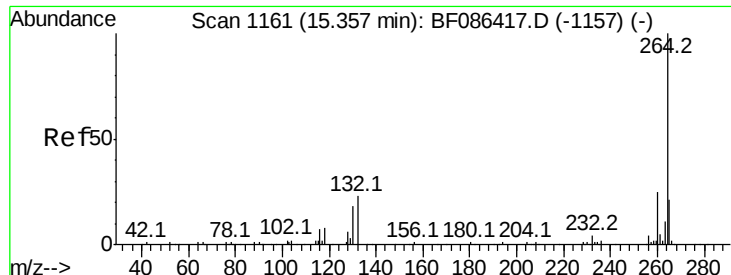


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

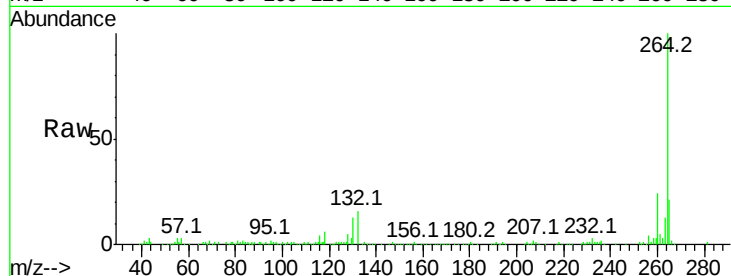




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF086449.D
Acq: 28 Apr 2016 3:20

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-8(0-6FTBGS)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	20.9	17.3	25.9



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

