

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086448.D
 Acq On : 28 Apr 2016 2:51
 Operator : UM/SJ
 Sample : H2654-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-1A-CS-1(0-25FTBGS)

Quant Time: Apr 28 05:44:50 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

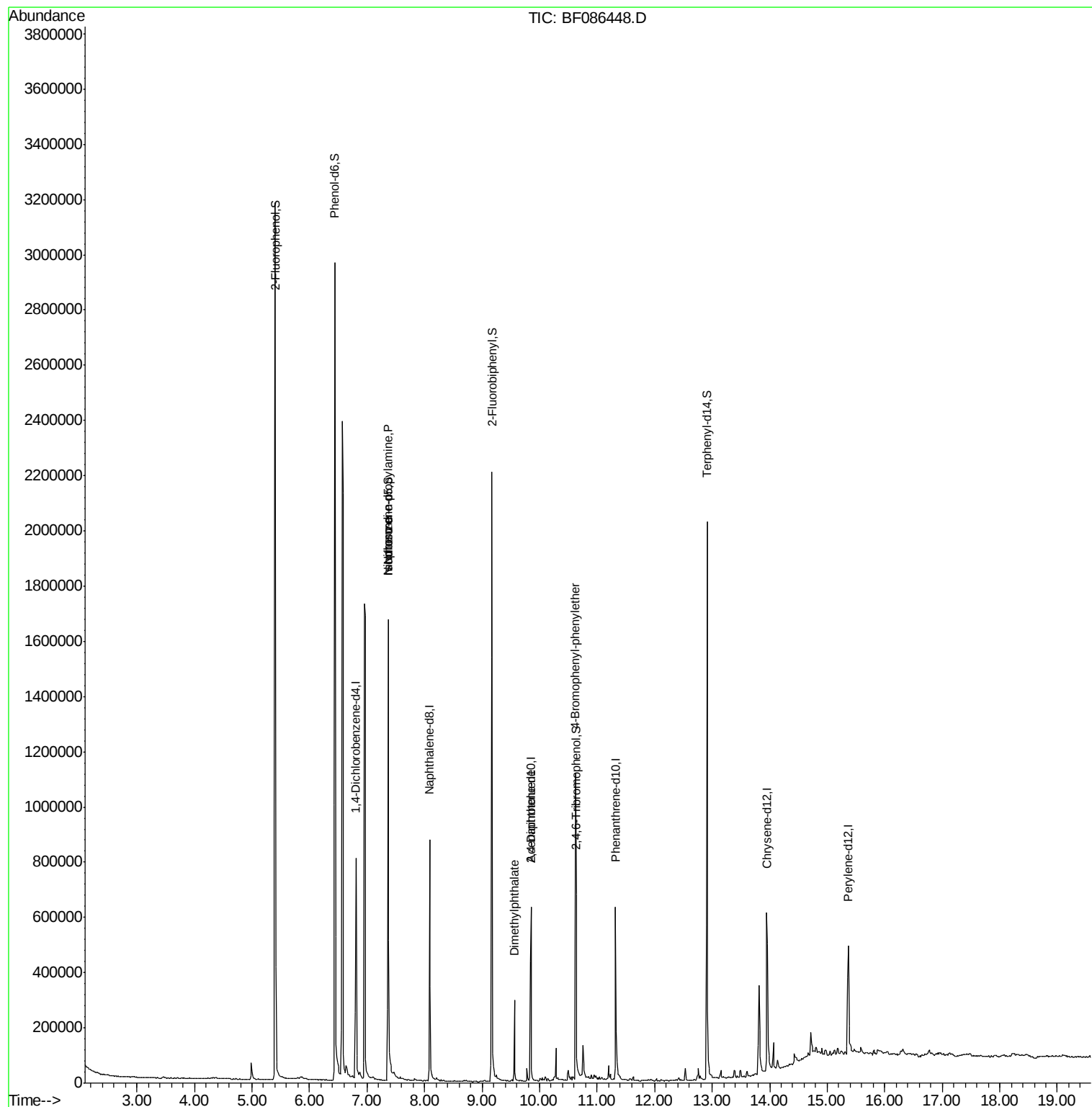
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	125298	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	452058	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	160372	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	267333	20.00	ng	0.00
75) Chrysene-d12	13.95	240	300051	20.00	ng	-0.01
86) Perylene-d12	15.37	264	220984	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	829253	114.16	ng	0.01
7) Phenol-d6	6.44	99	1068507	105.39	ng	0.00
23) Nitrobenzene-d5	7.37	82	623390	74.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	167628	99.12	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	957897	111.30	ng	0.00
78) Terphenyl-d14	12.91	244	663753	48.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	83544	12.47	ng	# 75
25) Isophorone	7.37	82	535330	33.17	ng	# 68
49) Dimethylphthalate	9.56	163	109914	9.10	ng	99
56) 2,4-Dinitrotoluene	9.85	165	19682	6.19	ng	# 17
66) 4-Bromophenyl-phenylether	10.62	248	9361	3.40	ng	# 1

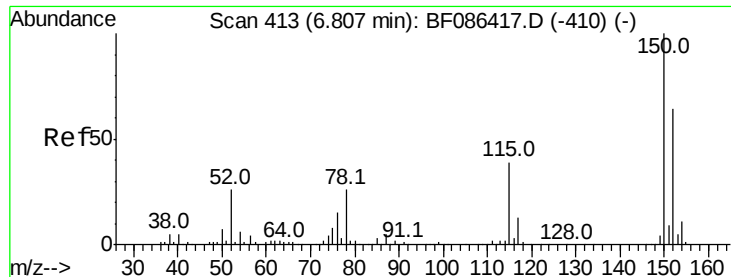
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086448.D

Acq: 28 Apr 2016 2:51

Instrument :

BNA_F

ClientSampleId :

26WARD-1A-CS-1(0-25FTBGS)

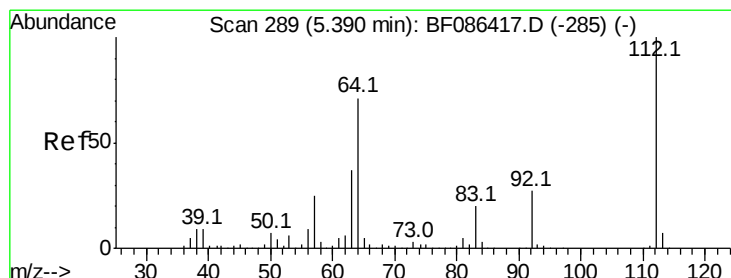
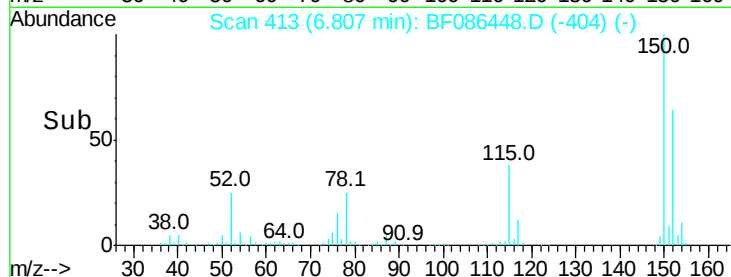
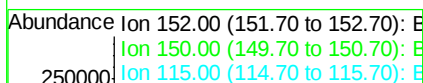
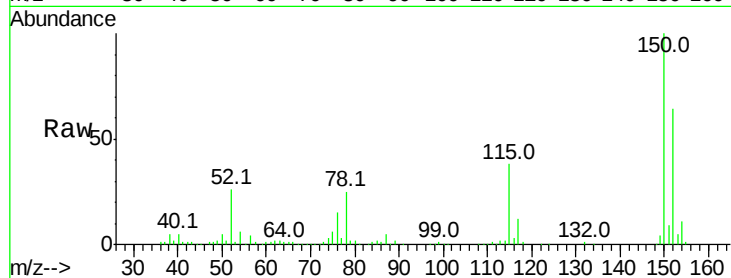
Tot Ion:152 Resp: 125298

Ion Ratio Lower Upper

152 100

150 156.0 125.8 188.6

115 59.1 51.5 77.3



#5

2-Fluorophenol

Concen: 114.16 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086448.D

Acq: 28 Apr 2016 2:51

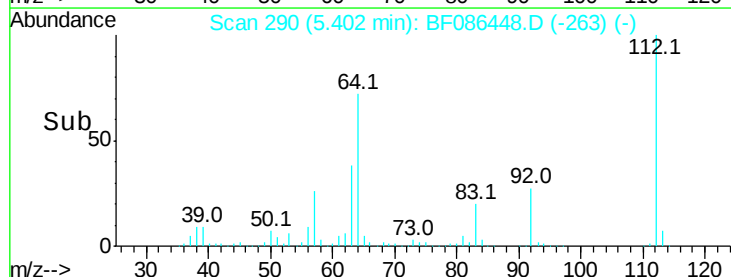
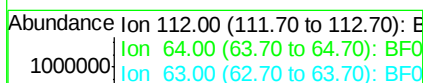
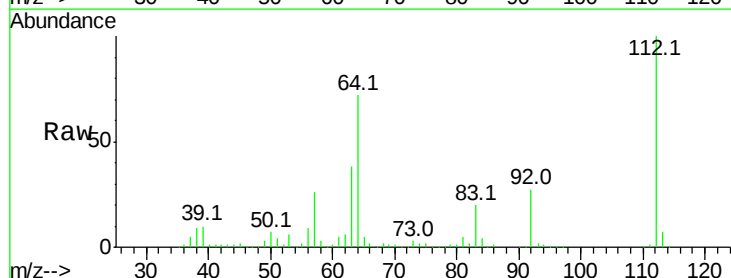
Tgt Ion:112 Resp: 829253

Ion Ratio Lower Upper

112 100

64 71.9 52.1 78.1

63 38.1 25.7 38.5





#7

Phenol-d6

Concen: 105.39 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086448.D

Acq: 28 Apr 2016 2:51

Instrument :

BNA_F

ClientSampleId :

26WARD-1A-CS-1(0-25FTBGS)

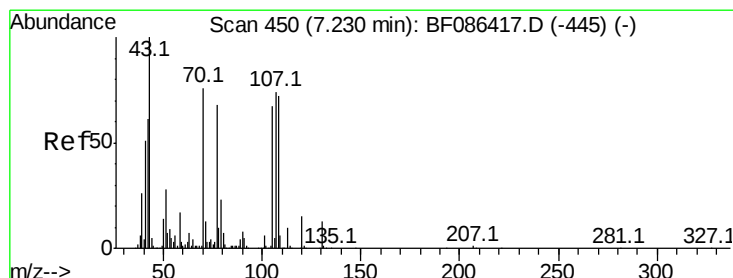
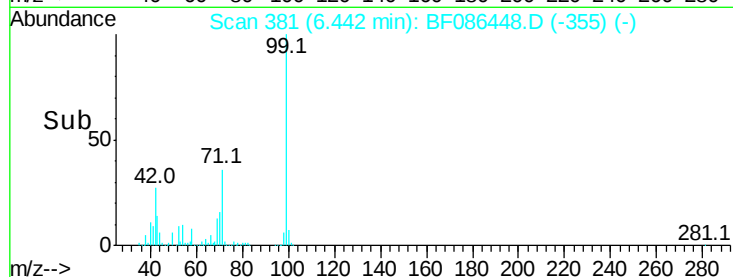
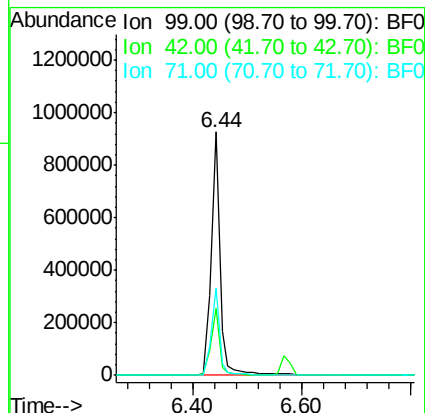
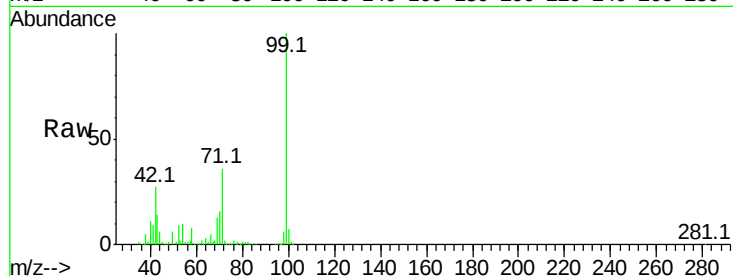
Tot Ion: 99 Resp: 1068507

Ion Ratio Lower Upper

99 100

42 27.4 13.6 20.4#

71 36.1 24.6 36.8



#19

n-Nitroso-di-n-propylamine

Concen: 12.47 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.14 min

Lab File: BF086448.D

Acq: 28 Apr 2016 2:51

Tgt Ion: 70 Resp: 83544

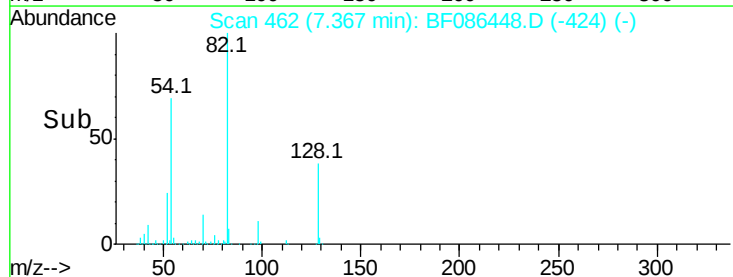
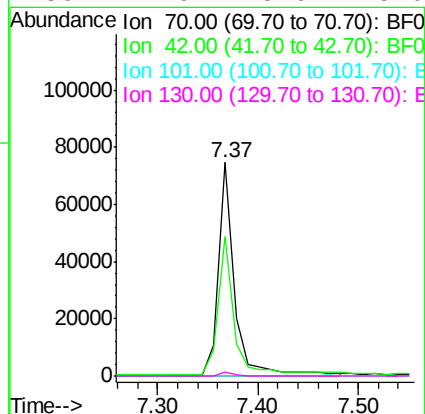
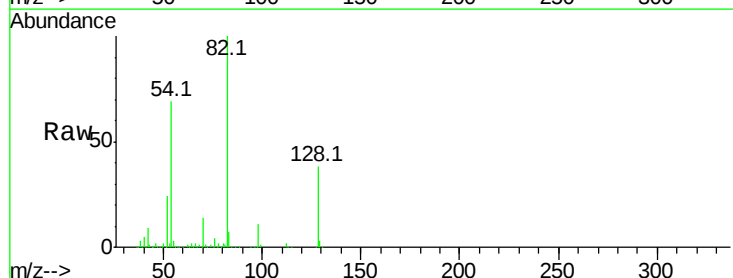
Ion Ratio Lower Upper

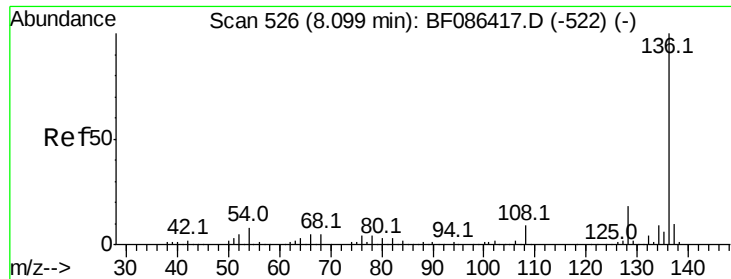
70 100

42 65.6 43.1 64.7#

101 0.0 8.1 12.1#

130 1.9 18.6 28.0#

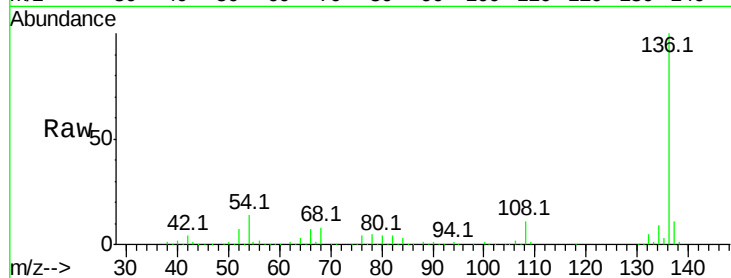




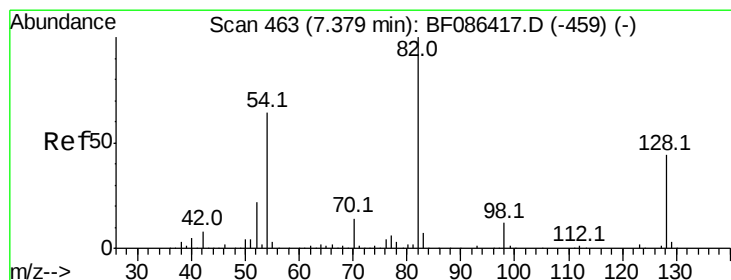
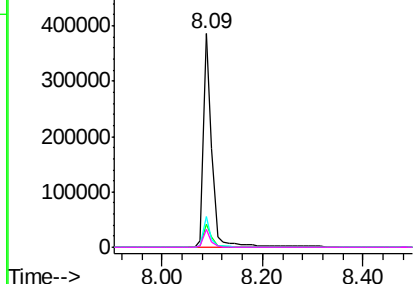
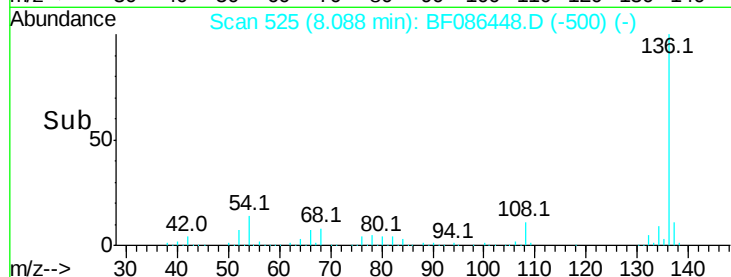
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF086448.D
Acq: 28 Apr 2016 2:51

Instrument :
BNA_F
ClientSampleId :
26WARD-1A-CS-1(0-25FTBGS)

Tot Ion:	136	Resp:	452058
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	14.2	5.0	7.4#
68	8.4	4.4	6.6#

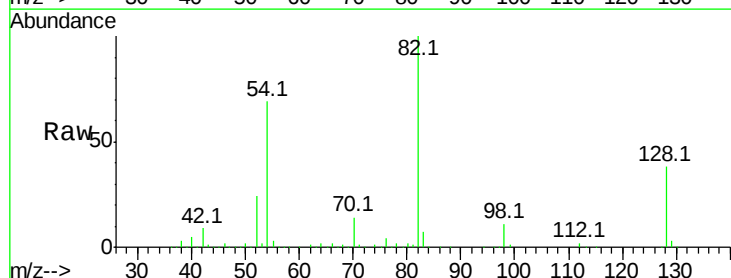


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

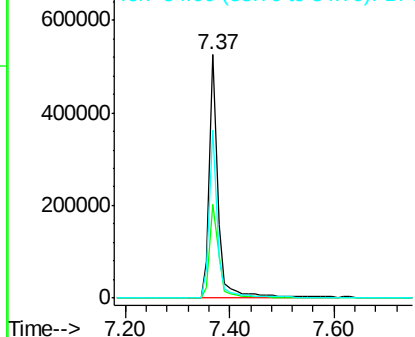
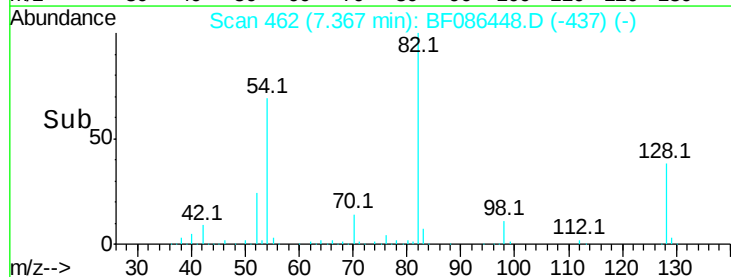


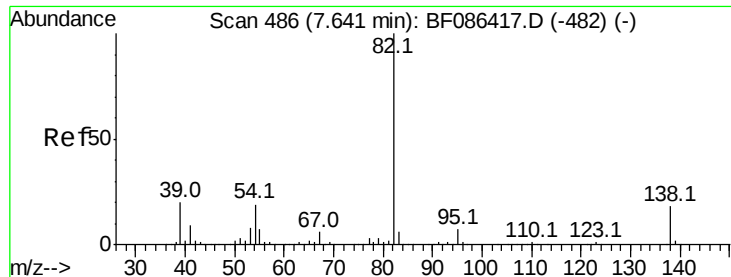
#23
Nitrobenzene-d5
Concen: 74.33 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF086448.D
Acq: 28 Apr 2016 2:51

Tgt Ion:	82	Resp:	623390
Ion	Ratio	Lower	Upper
82	100		
128	38.3	40.6	61.0#
54	69.0	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: 33.17 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.27 min

Lab File: BF086448.D

Acq: 28 Apr 2016 2:51

Instrument :

BNA_F

ClientSampleId :

26WARD-1A-CS-1(0-25FTBGS)

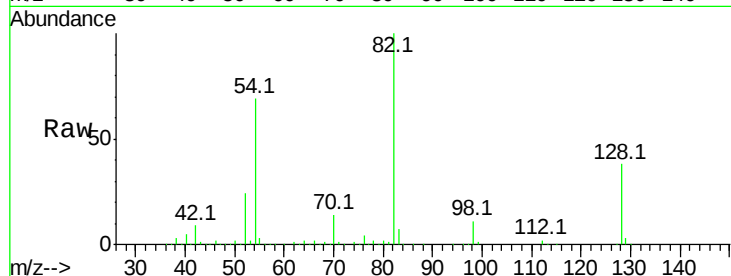
Tot Ion: 82 Resp: 535330

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

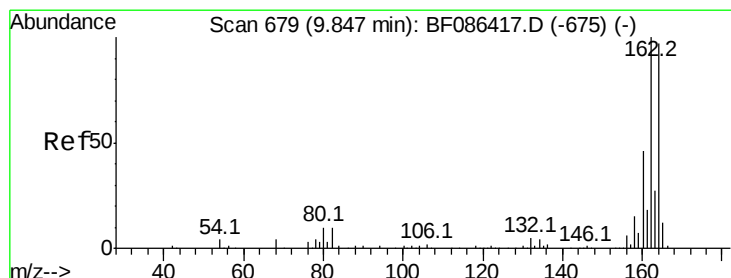
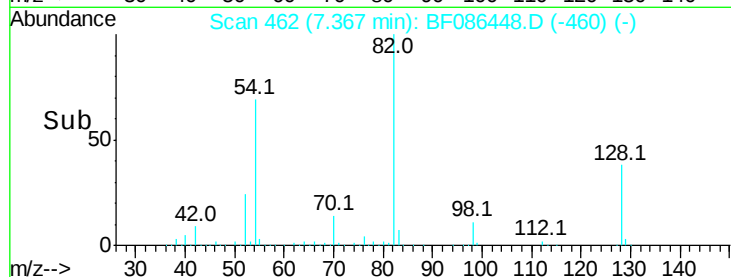
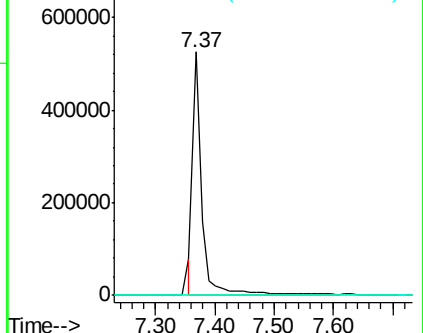
138 0.0 12.4 18.6#



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: BF086448.D

Acq: 28 Apr 2016 2:51

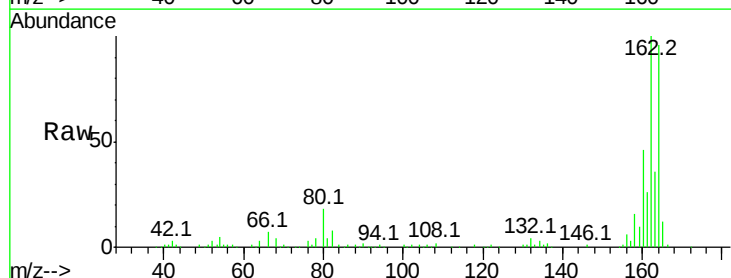
Tgt Ion:164 Resp: 160372

Ion Ratio Lower Upper

164 100

162 104.2 82.8 124.2

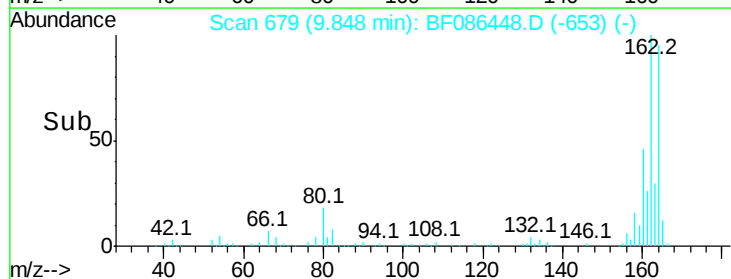
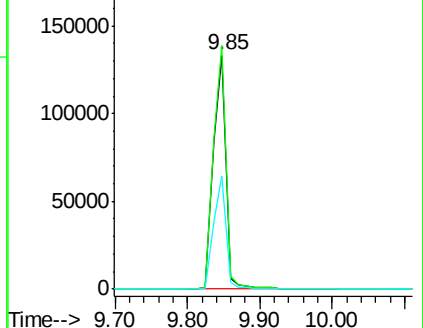
160 48.3 36.9 55.3

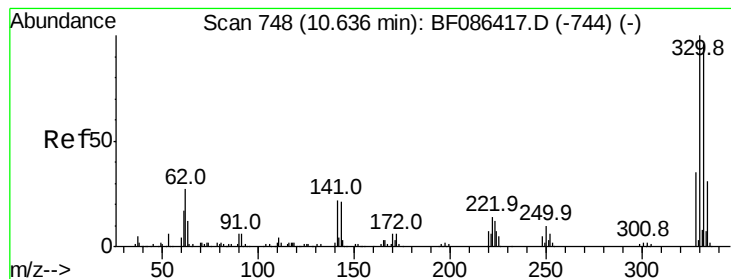


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 99.12 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF086448.D

Acq: 28 Apr 2016 2:51

Instrument :

BNA_F

ClientSampleId :

26WARD-1A-CS-1(0-25FTBGS)

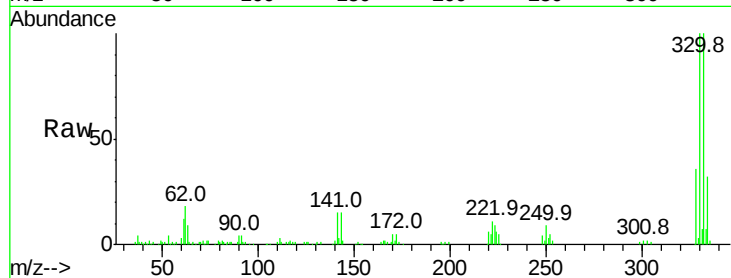
Tot Ion:330 Resp: 167628

Ion Ratio Lower Upper

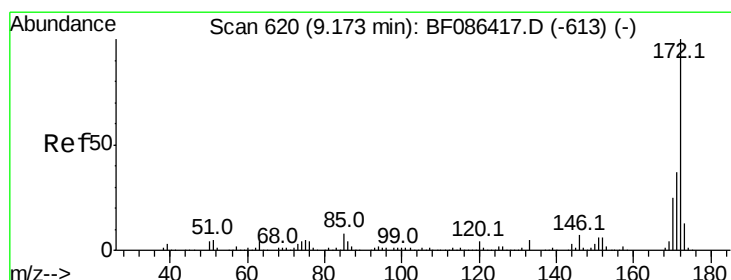
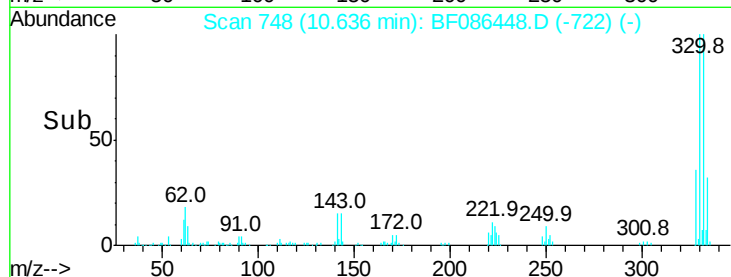
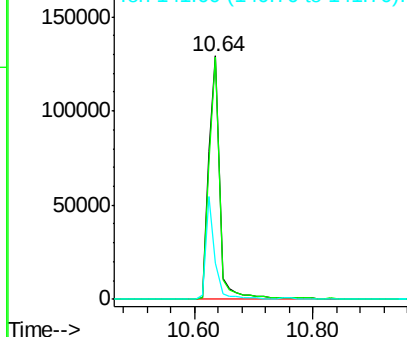
330 100

332 96.5 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: 111.30 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF086448.D

Acq: 28 Apr 2016 2:51

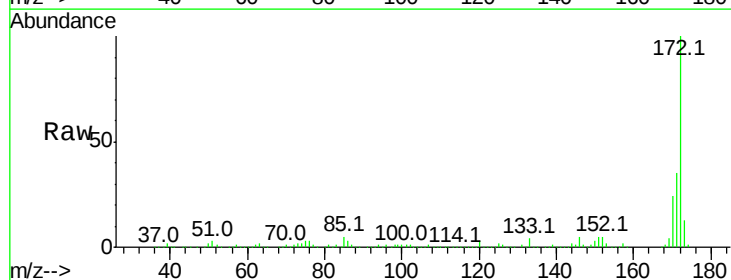
Tgt Ion:172 Resp: 957897

Ion Ratio Lower Upper

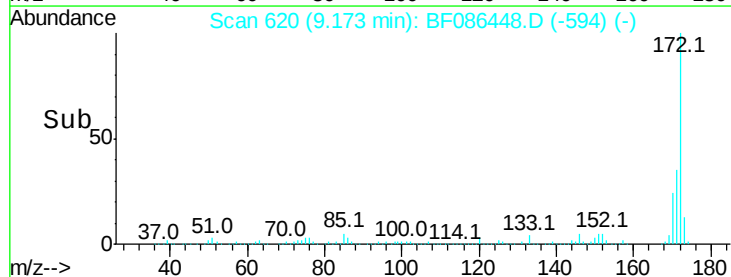
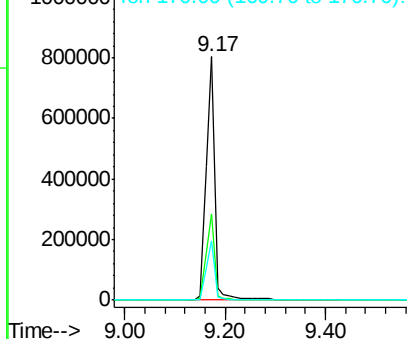
172 100

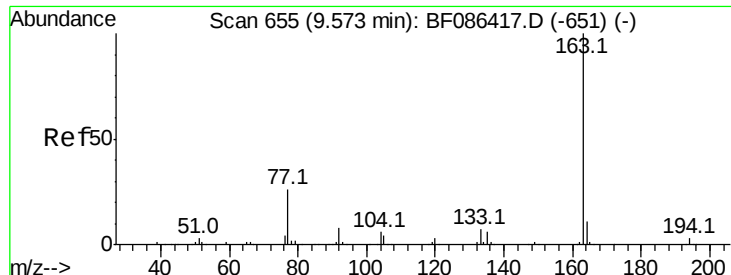
171 35.4 29.0 43.6

170 24.4 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

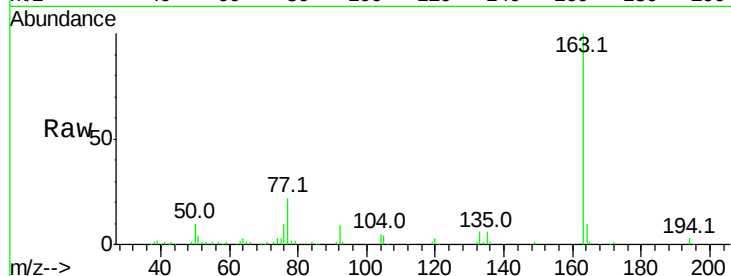




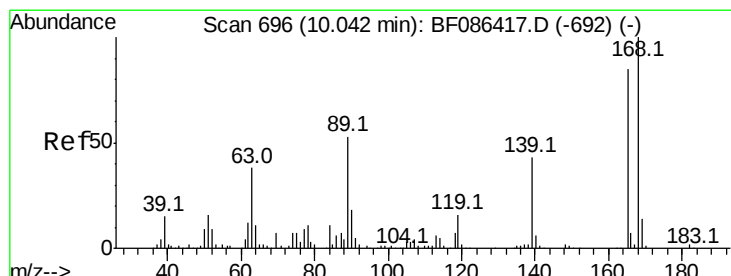
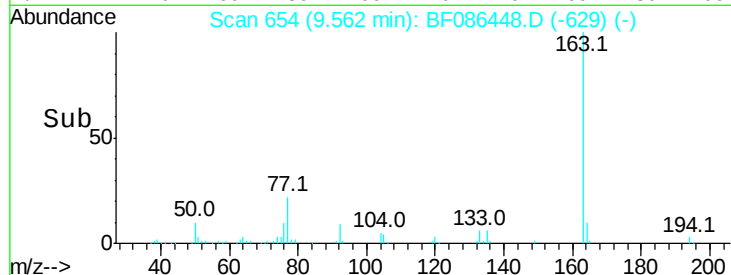
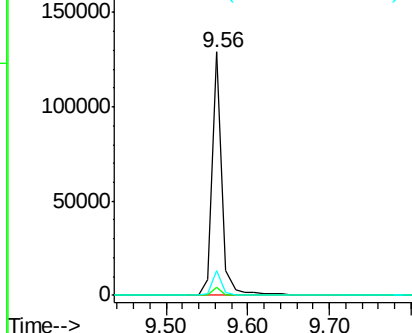
#49
Dimethylphthalate
Concen: 9.10 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF086448.D
Acq: 28 Apr 2016 2:51

Instrument :
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Tot Ion:163 Resp: 109914
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.0 8.2 12.4

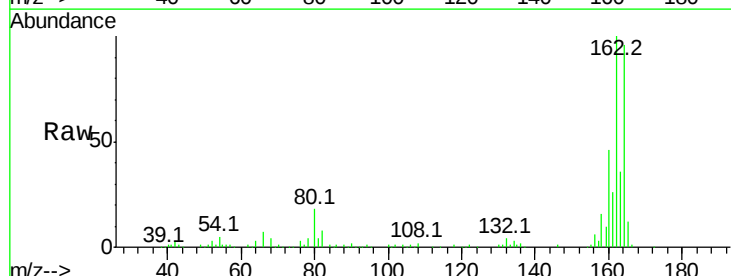


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

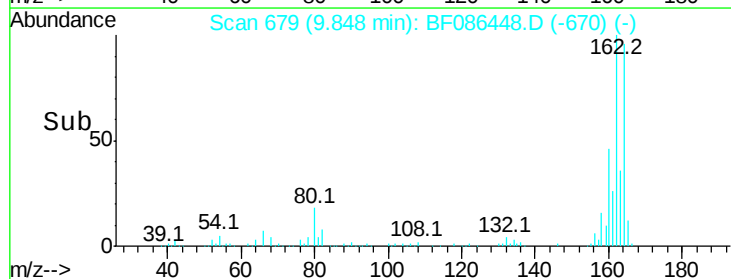
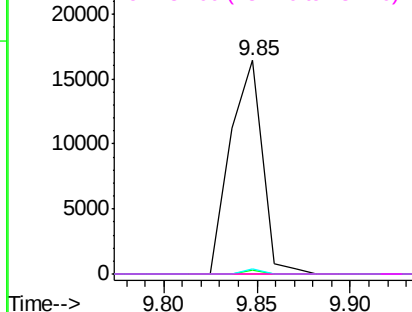


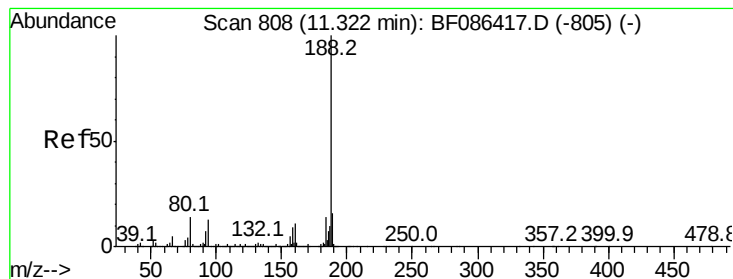
#56
2,4-Dinitrotoluene
Concen: 6.19 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.19 min
Lab File: BF086448.D
Acq: 28 Apr 2016 2:51

Tgt Ion:165 Resp: 19682
Ion Ratio Lower Upper
165 100
63 1.9 44.3 66.5#
89 2.6 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: BF086448.D

Acq: 28 Apr 2016 2:51

Instrument :

BNA_F

ClientSampleId :

26WARD-1A-CS-1(0-25FTBGS)

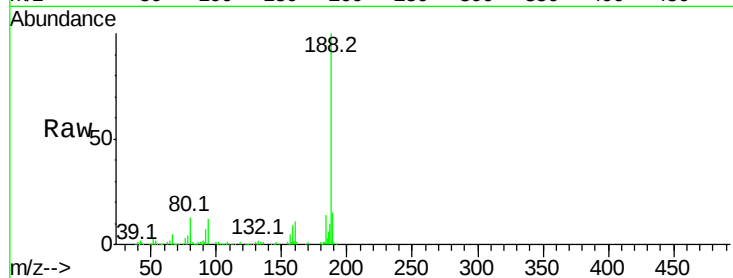
Tot Ion:188 Resp: 267333

Ion Ratio Lower Upper

188 100

94 11.6 6.8 10.2#

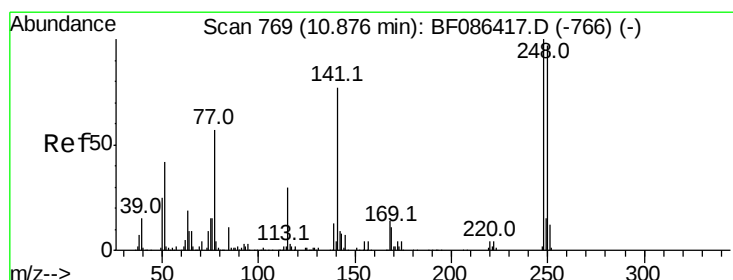
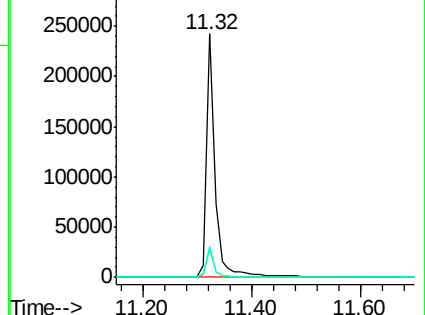
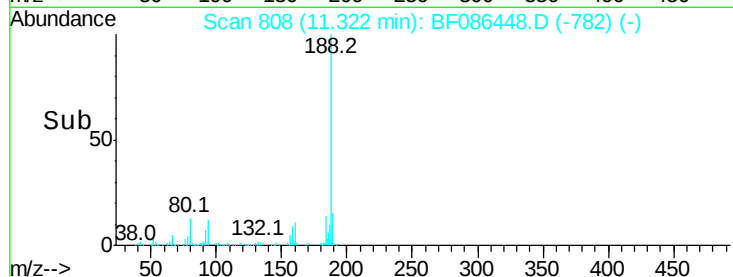
80 12.6 7.1 10.7#



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: 3.40 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.25 min

Lab File: BF086448.D

Acq: 28 Apr 2016 2:51

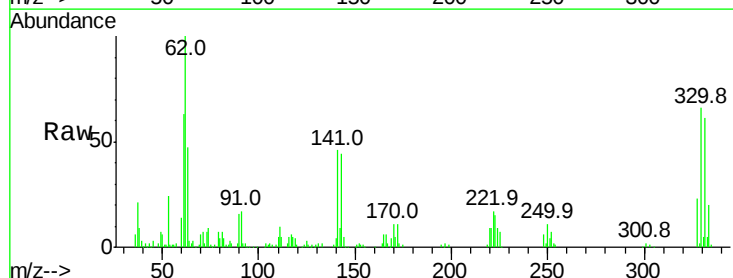
Tgt Ion:248 Resp: 9361

Ion Ratio Lower Upper

248 100

250 199.1 78.6 117.8#

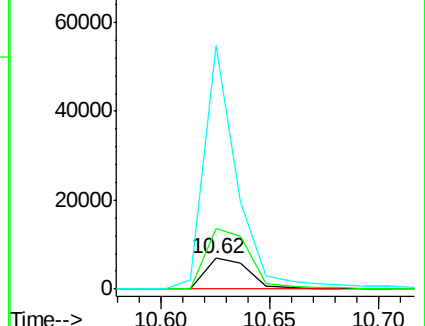
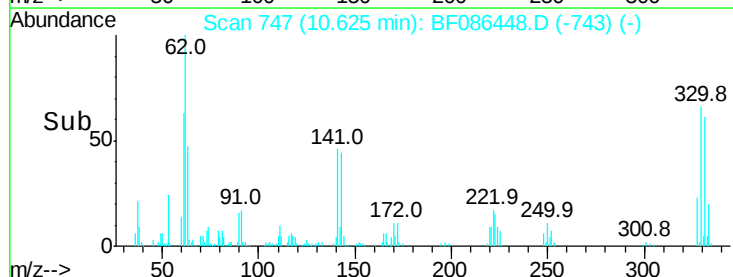
141 796.3 76.0 114.0#

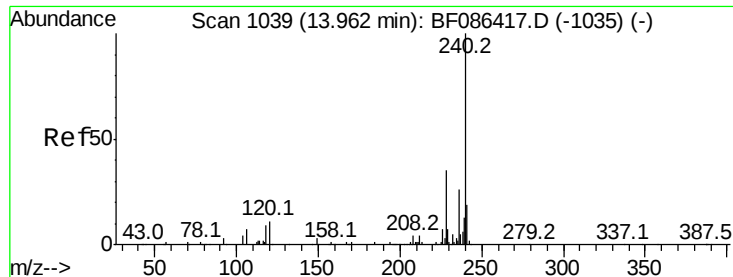


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF086448.D

Acq: 28 Apr 2016 2:51

Instrument :

BNA_F

ClientSampleId :

26WARD-1A-CS-1(0-25FTBGS)

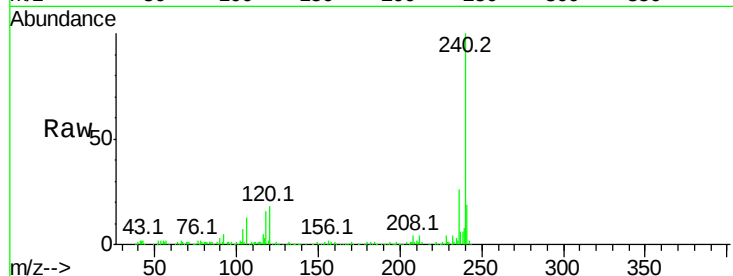
Tot Ion:240 Resp: 300051

Ion Ratio Lower Upper

240 100

120 18.2 11.2 16.8#

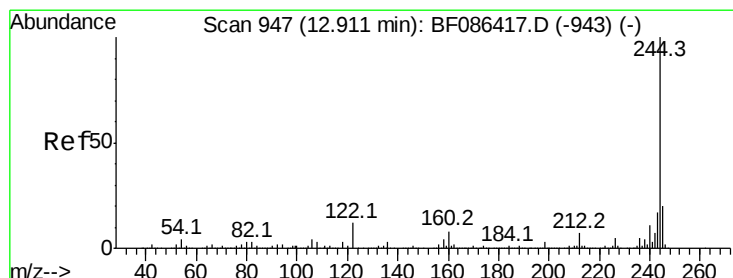
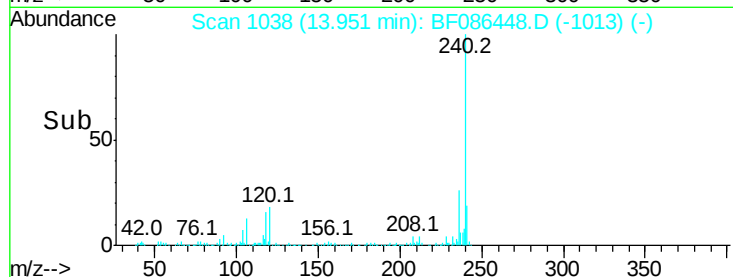
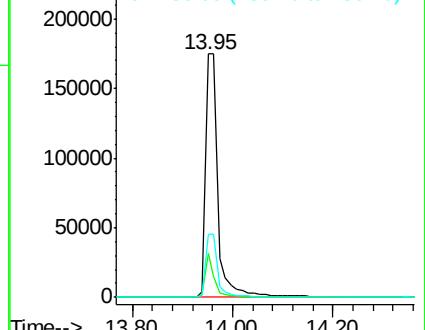
236 26.0 21.2 31.8



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: 48.74 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086448.D

Acq: 28 Apr 2016 2:51

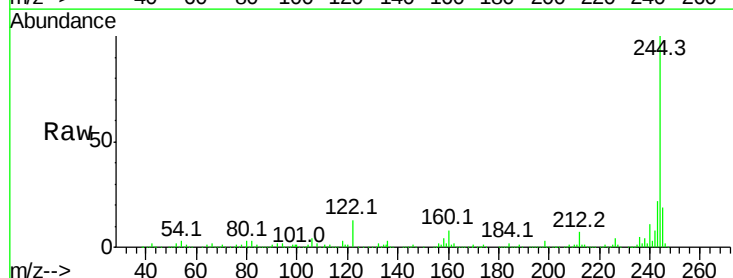
Tgt Ion:244 Resp: 663753

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

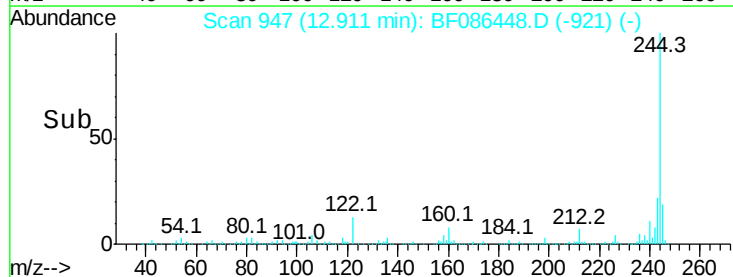
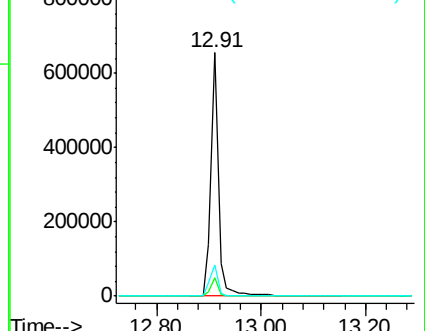
122 12.8 12.0 18.0

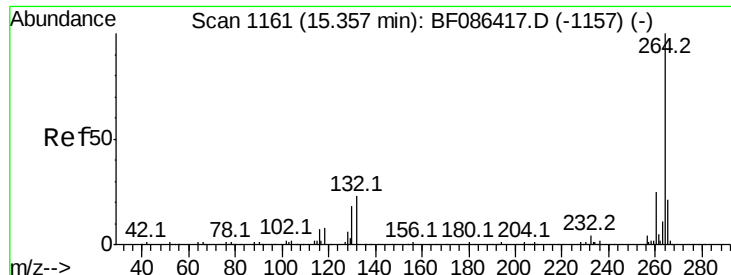


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

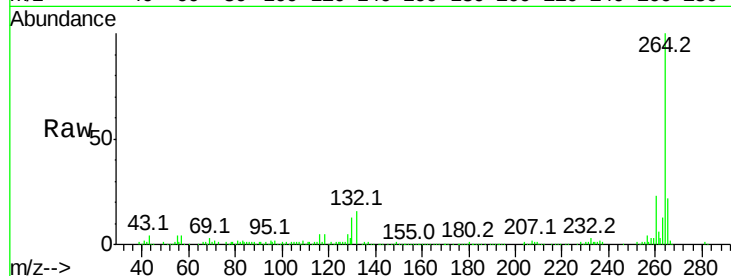




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: BF086448.D
 Acq: 28 Apr 2016 2:51

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-1A-CS-1(0-25FTBGS)

Tot Ion:	264	Resp:	220984
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.6	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

