

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
 Data File : BF086435.D
 Acq On : 27 Apr 2016 20:34
 Operator : UM/SJ
 Sample : H2724-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TH-B3(0-5)-C

Quant Time: Apr 28 00:57:40 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

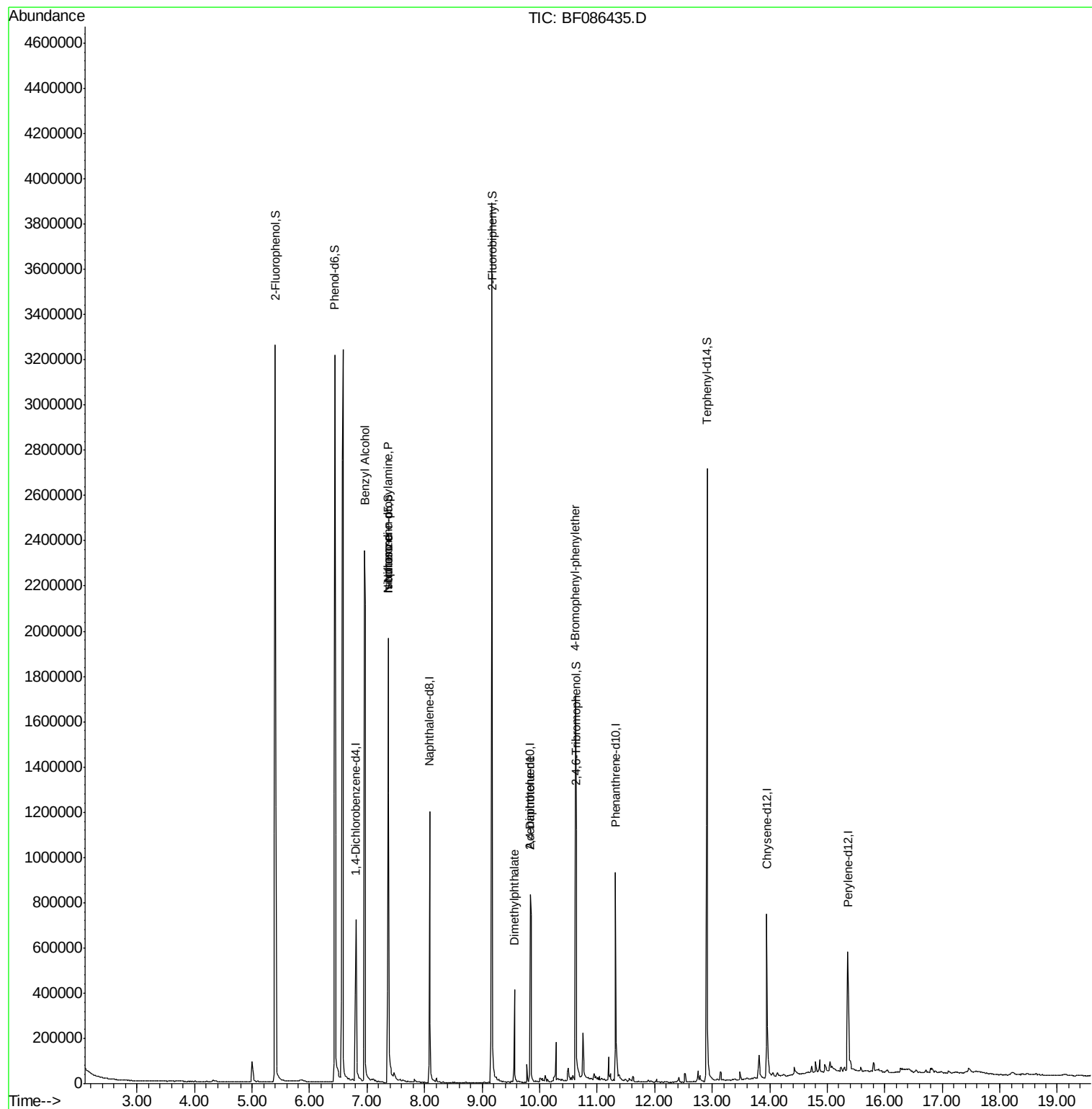
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	131619	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	527480	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	235129	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	368471	20.00	ng	0.00
75) Chrysene-d12	13.95	240	286076	20.00	ng	-0.01
86) Perylene-d12	15.36	264	278420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1057606	138.60	ng	0.01
7) Phenol-d6	6.44	99	1376811	129.28	ng	0.00
23) Nitrobenzene-d5	7.37	82	907934	92.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	291272	117.47	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1460806	117.35	ng	0.00
78) Terphenyl-d14	12.91	244	951102	73.25	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.96	79	15177	2.25	ng	# 44
19) n-Nitroso-di-n-propylamine	7.37	70	119873	17.03	ng	# 73
25) Isophorone	7.37	82	781140	41.47	ng	# 68
49) Dimethylphthalate	9.56	163	155475	8.78	ng	99
56) 2,4-Dinitrotoluene	9.84	165	29038	6.23	ng	# 16
66) 4-Bromophenyl-phenylether	10.62	248	15863	4.18	ng	# 1

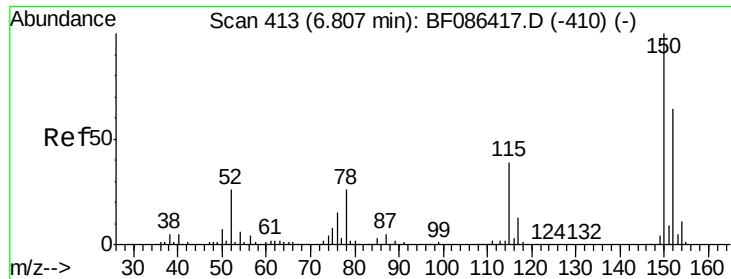
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF086435.D

Acq: 27 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

TH-B3(0-5)-C

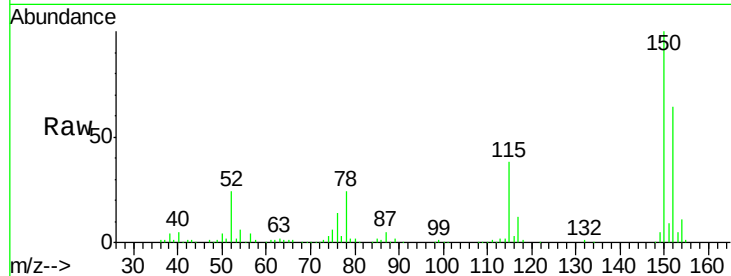
Tgt Ion:152 Resp: 131619

Ion Ratio Lower Upper

152 100

150 155.5 125.8 188.6

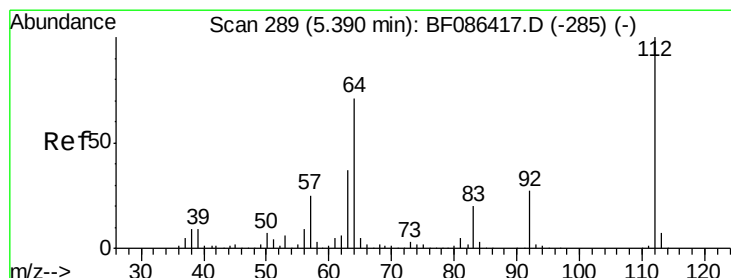
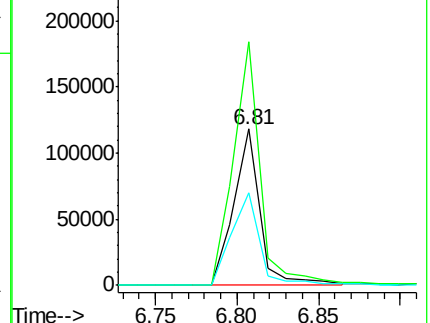
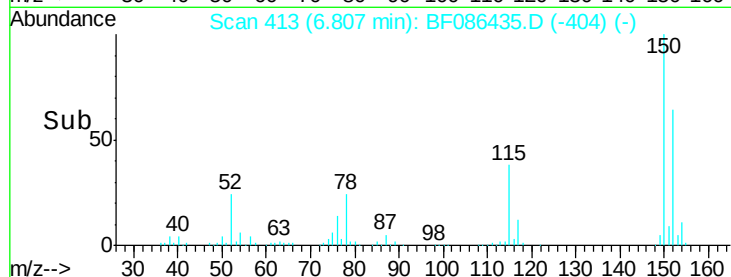
115 59.0 51.5 77.3



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: 138.60 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086435.D

Acq: 27 Apr 2016 20:34

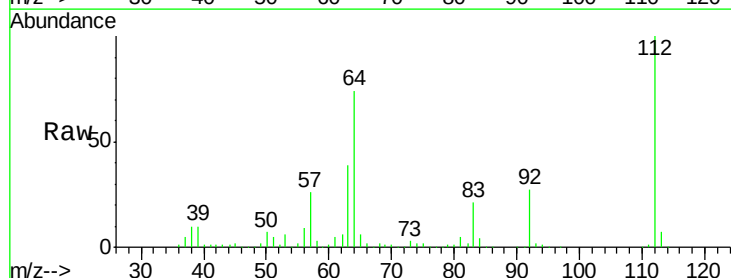
Tgt Ion:112 Resp: 1057606

Ion Ratio Lower Upper

112 100

64 73.7 52.1 78.1

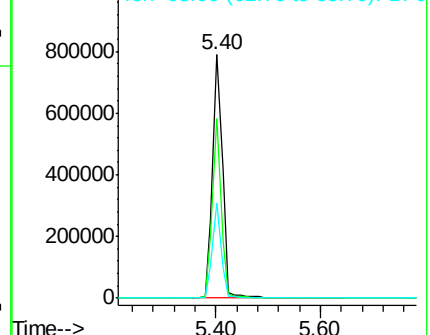
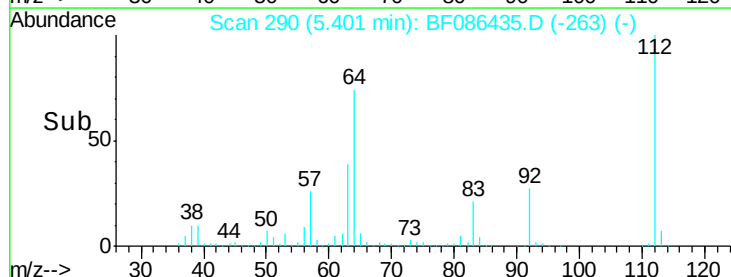
63 39.0 25.7 38.5

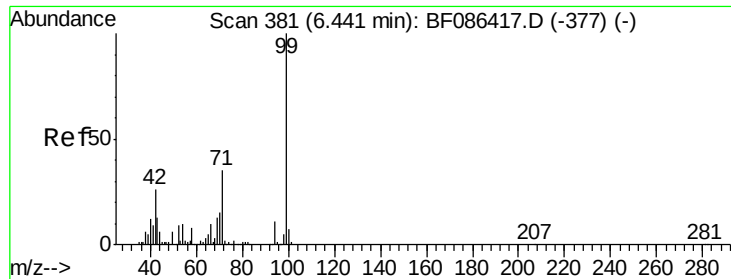


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.28 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086435.D

Acq: 27 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

TH-B3(0-5)-C

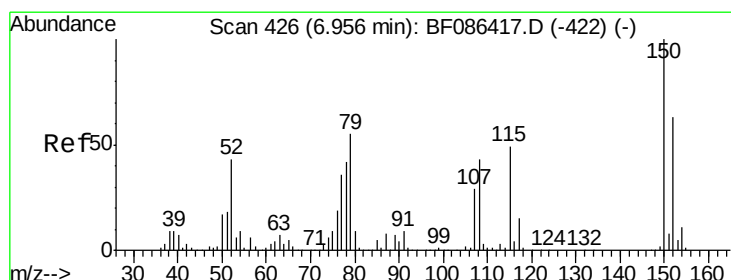
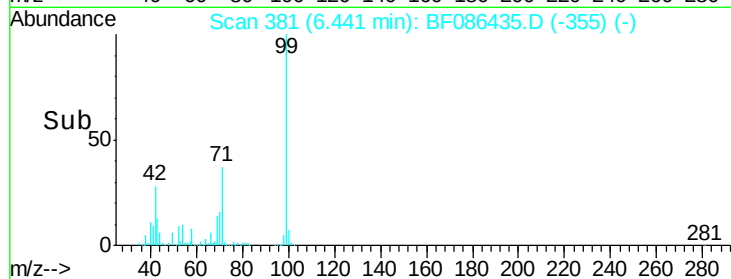
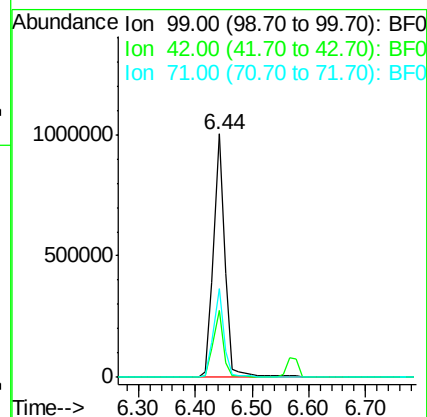
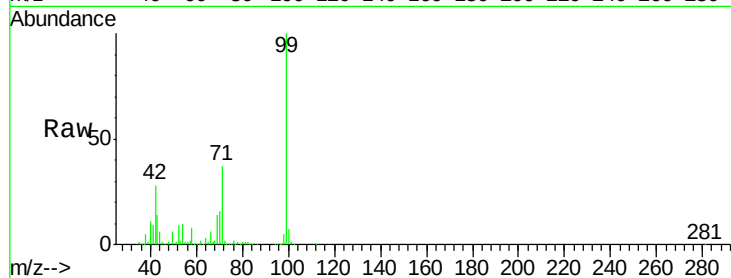
Tgt Ion: 99 Resp: 1376811

Ion Ratio Lower Upper

99 100

42 27.6 13.6 20.4#

71 36.6 24.6 36.8



#15

Benzyl Alcohol

Concen: 2.25 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF086435.D

Acq: 27 Apr 2016 20:34

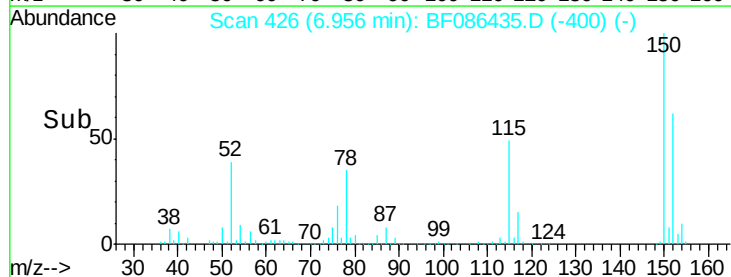
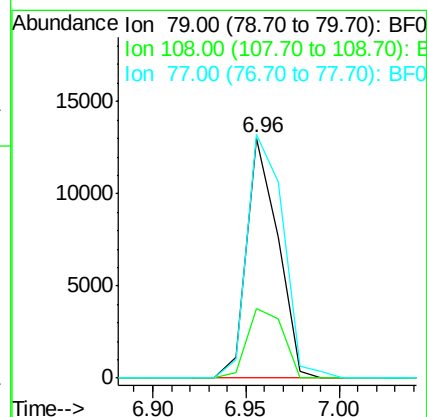
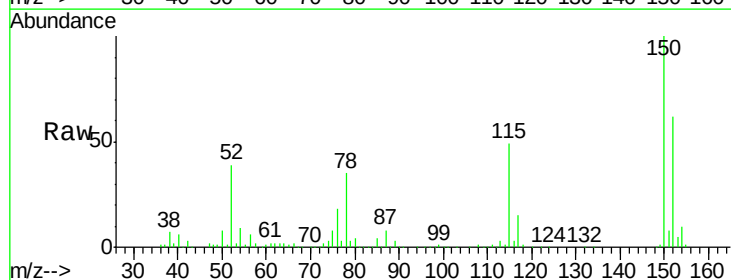
Tgt Ion: 79 Resp: 15177

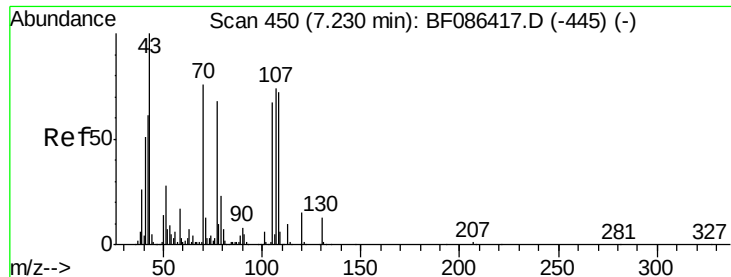
Ion Ratio Lower Upper

79 100

108 28.9 68.4 102.6#

77 101.5 50.6 76.0#





#19

n-Nitroso-di-n-propylamine

Concen: 17.03 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.14 min

Lab File: BF086435.D

Acq: 27 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

TH-B3(0-5)-C

Tgt Ion: 70 Resp: 119873

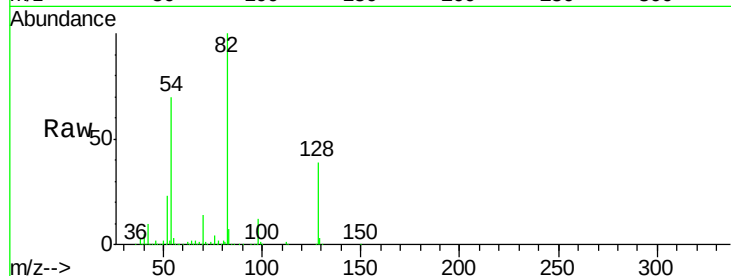
Ion Ratio Lower Upper

70 100

42 67.9 43.1 64.7#

101 0.0 8.1 12.1#

130 2.0 18.6 28.0#

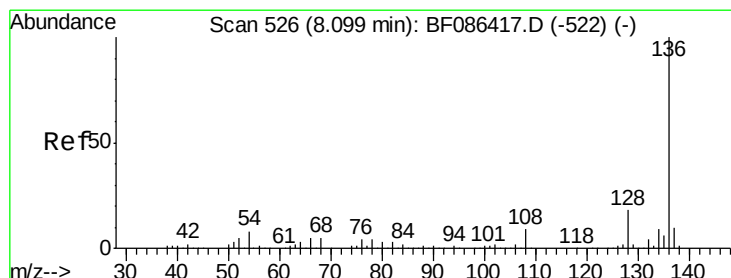
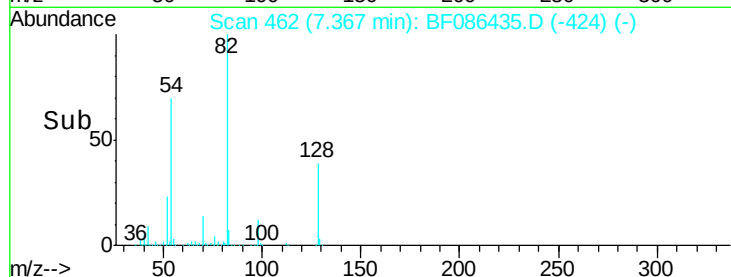
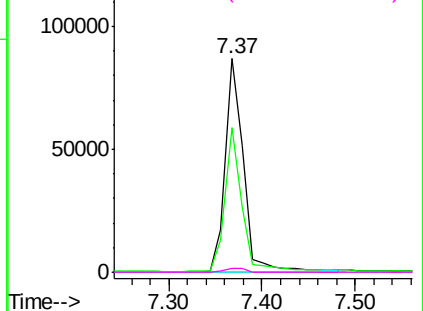


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF086435.D

Acq: 27 Apr 2016 20:34

Tgt Ion: 136 Resp: 527480

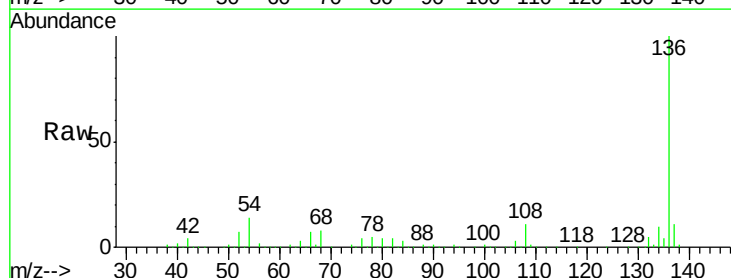
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 13.6 5.0 7.4#

68 8.1 4.4 6.6#

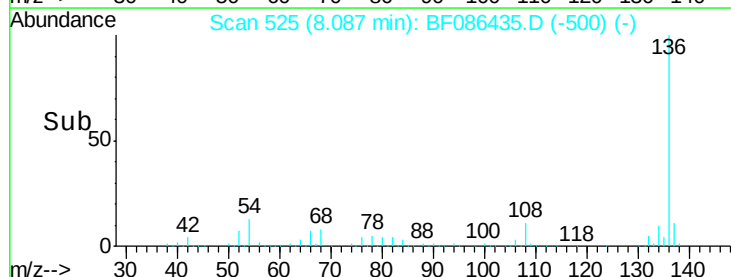
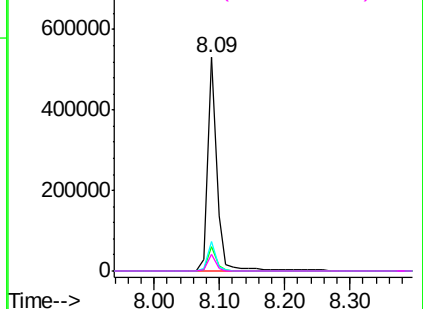


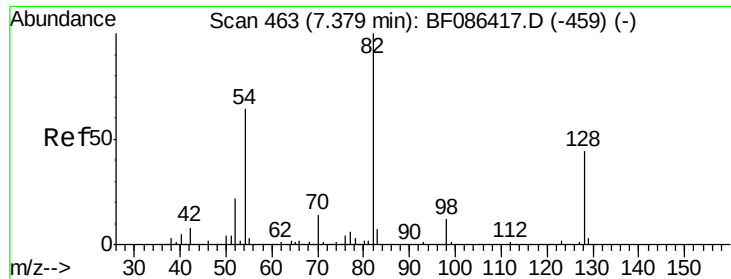
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

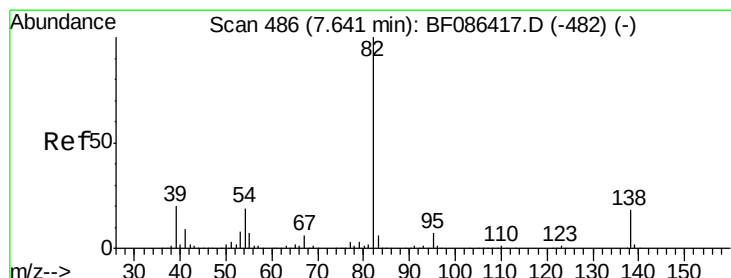
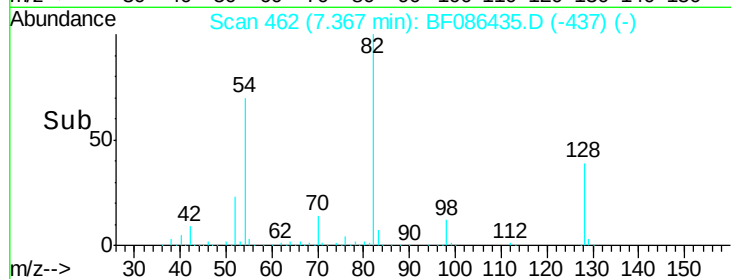
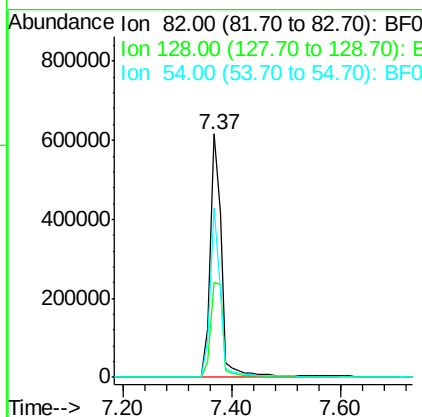
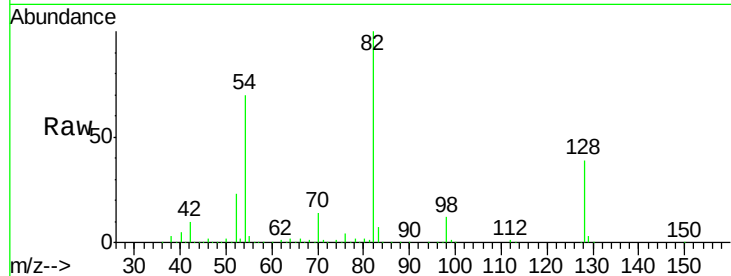




#23
 Nitrobenzene-d5
 Concen: 92.78 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF086435.D
 Acq: 27 Apr 2016 20:34

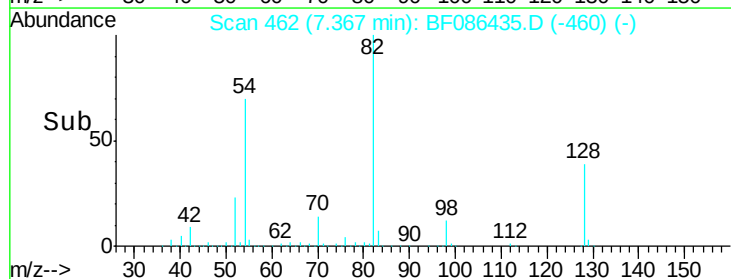
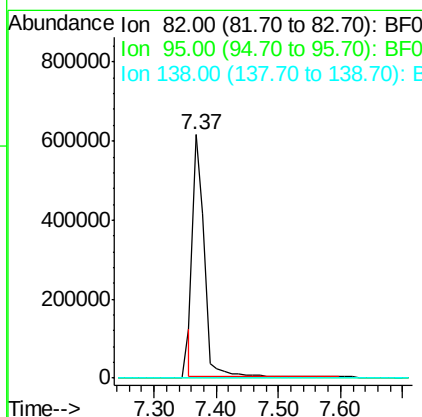
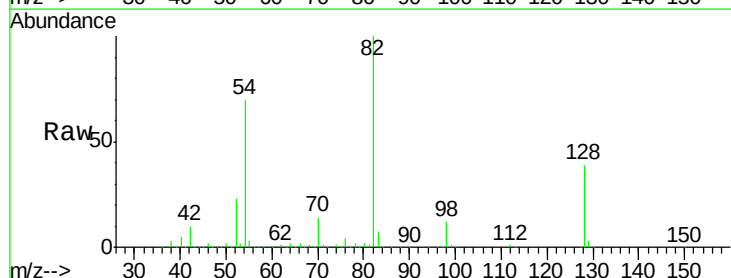
Instrument :
 BNA_F
 ClientSampleId :
 TH-B3(0-5)-C

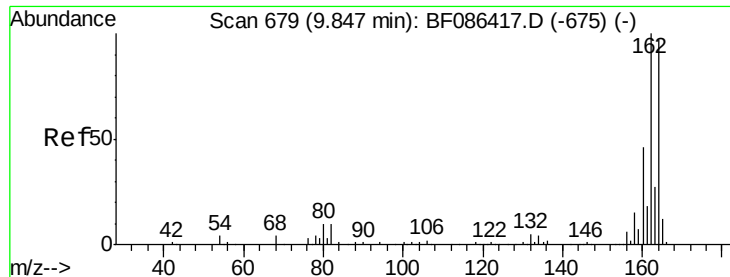
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.8	40.6	61.0#
54	69.8	38.1	57.1#



#25
 Isophorone
 Concen: 41.47 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.27 min
 Lab File: BF086435.D
 Acq: 27 Apr 2016 20:34

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

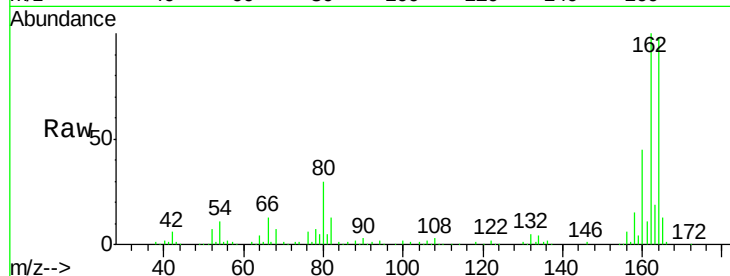




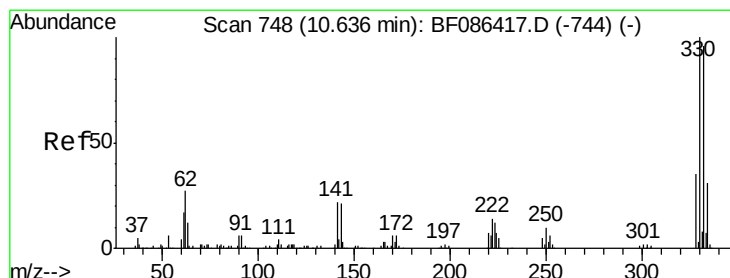
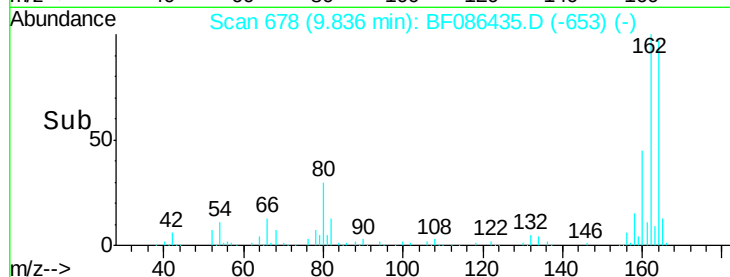
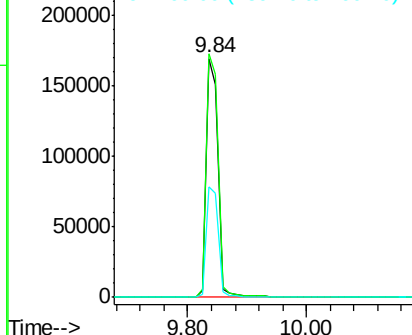
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF086435.D
 Acq: 27 Apr 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 TH-B3(0-5)-C

Tgt Ion:164 Resp: 235129
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.8 124.2
 160 46.1 36.9 55.3

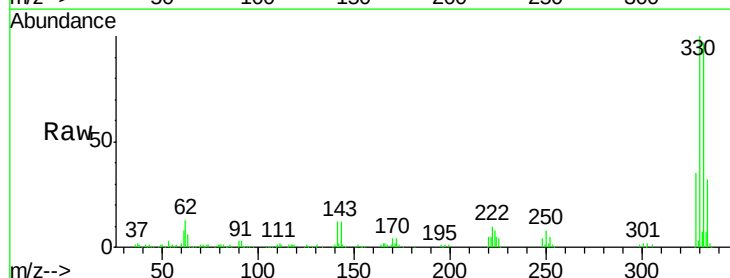


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

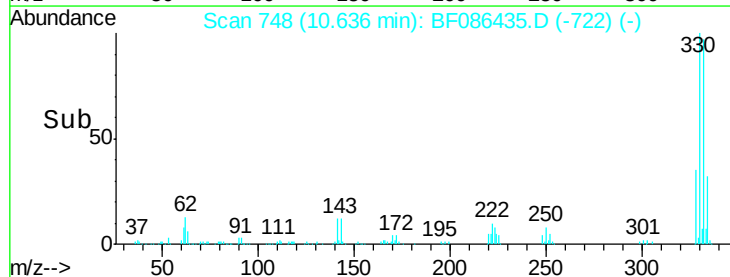
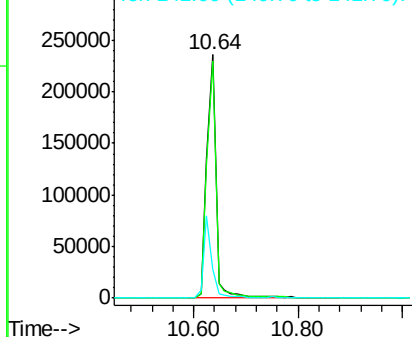


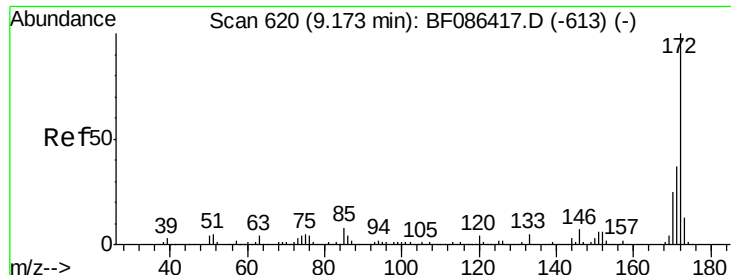
#41
 2,4,6-Tribromophenol
 Concen: 117.47 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF086435.D
 Acq: 27 Apr 2016 20:34

Tgt Ion:330 Resp: 291272
 Ion Ratio Lower Upper
 330 100
 332 96.5 79.0 118.4
 141 30.3 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

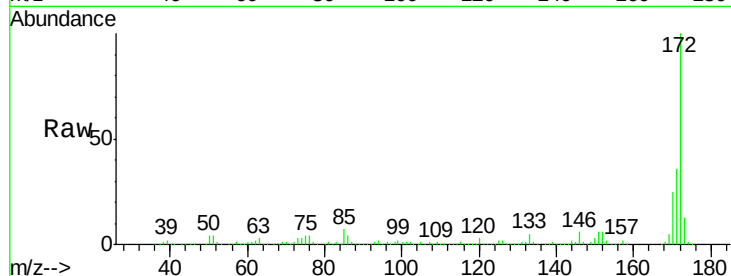




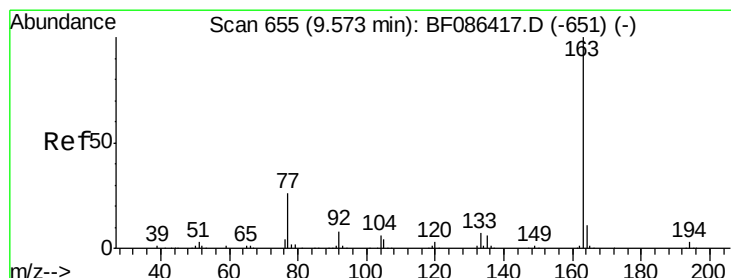
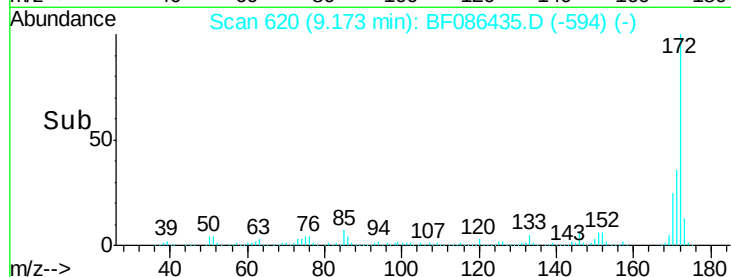
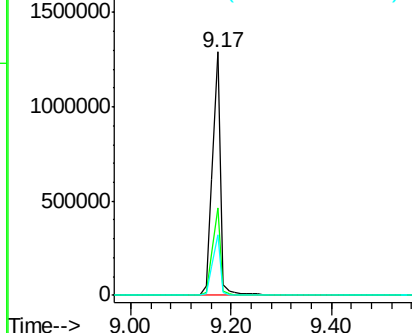
#44
 2-Fluorobiphenyl
 Concen: 117.35 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086435.D
 Acq: 27 Apr 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 TH-B3(0-5)-C

Tgt Ion:172 Resp: 1460806
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.9 19.8 29.8

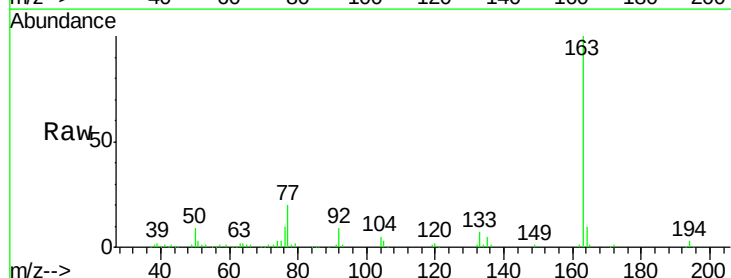


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

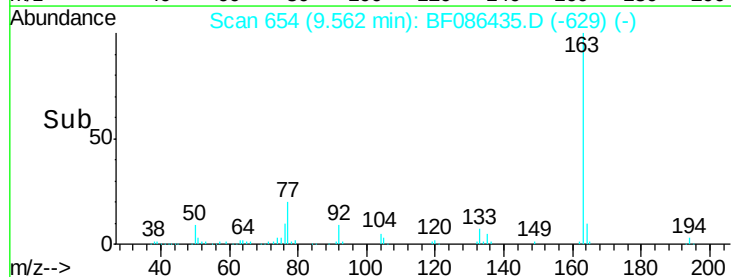
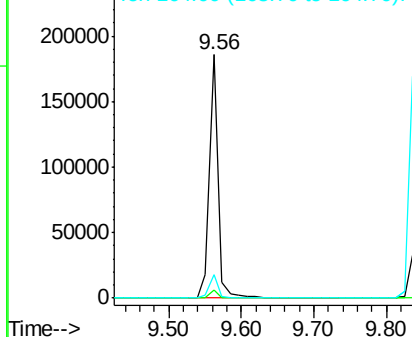


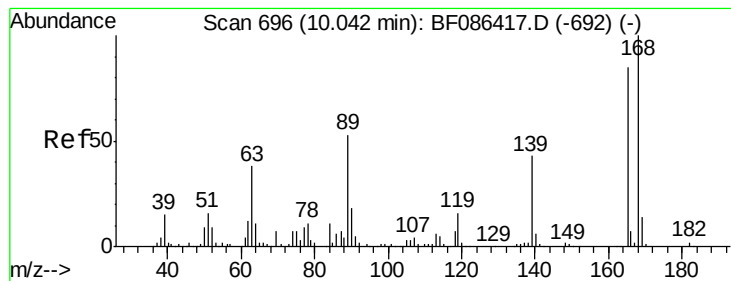
#49
 Dimethylphthalate
 Concen: 8.78 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF086435.D
 Acq: 27 Apr 2016 20:34

Tgt Ion:163 Resp: 155475
 Ion Ratio Lower Upper
 163 100
 194 3.3 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

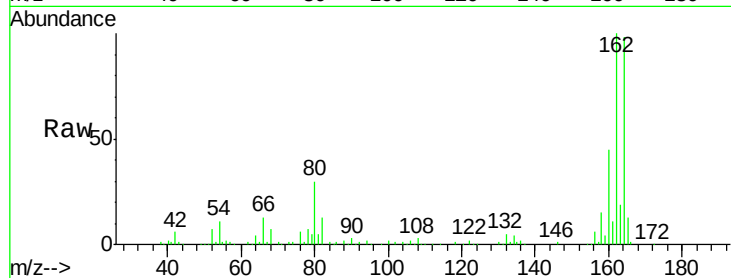




#56
 2,4-Dinitrotoluene
 Concen: 6.23 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.21 min
 Lab File: BF086435.D
 Acq: 27 Apr 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 TH-B3(0-5)-C

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.3	66.5#
89	2.1	70.0	105.0#
182	0.0	1.8	2.6#

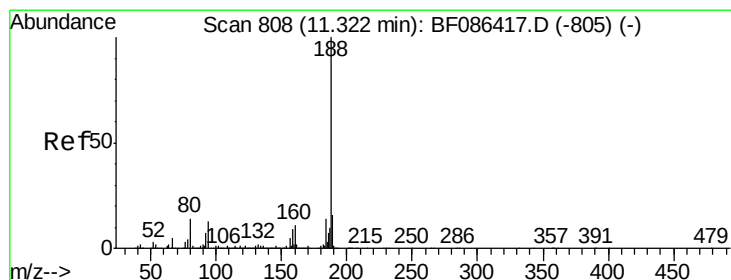
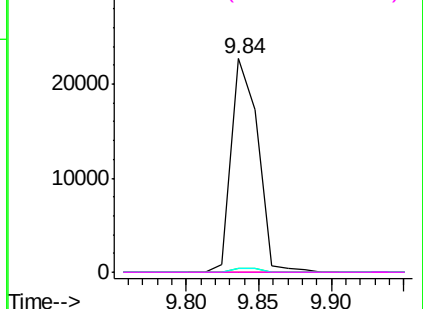
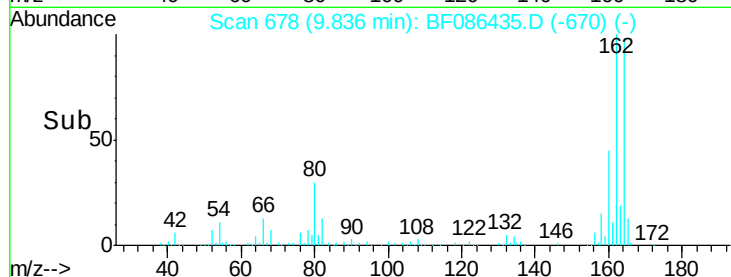


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

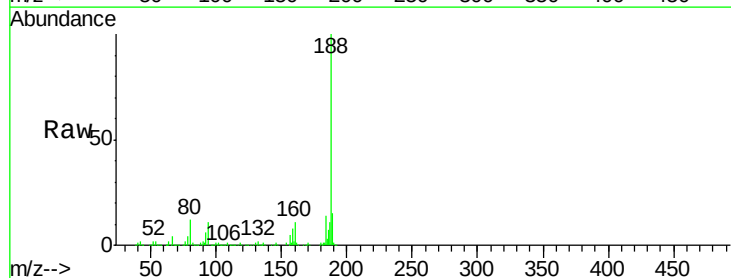
Ion 89.00 (88.70 to 89.70): BF0

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: BF086435.D
 Acq: 27 Apr 2016 20:34

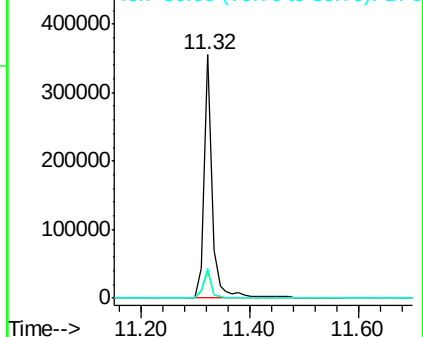
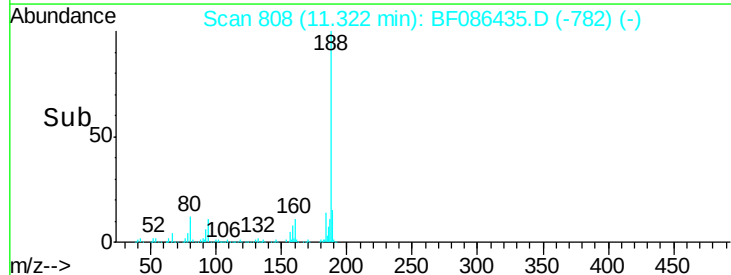
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	6.8	10.2#
80	12.2	7.1	10.7#

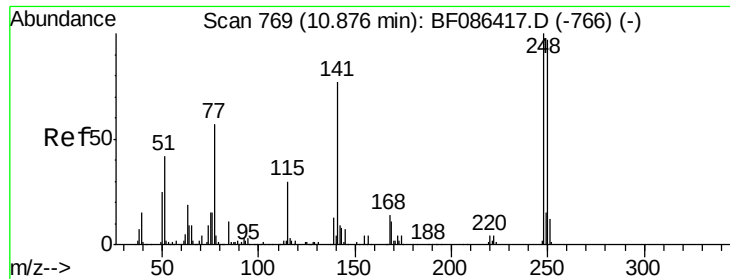


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

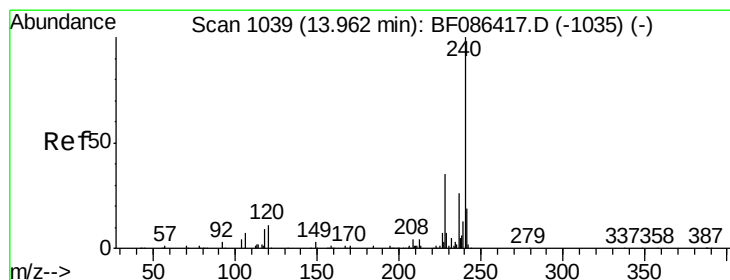
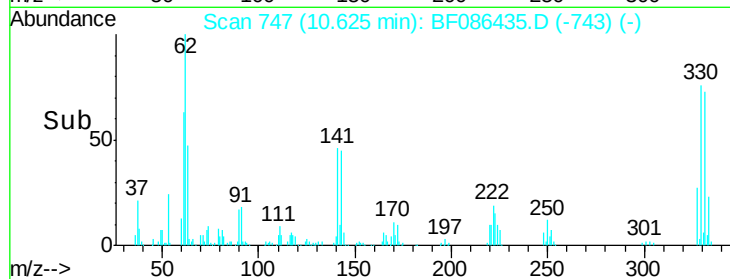
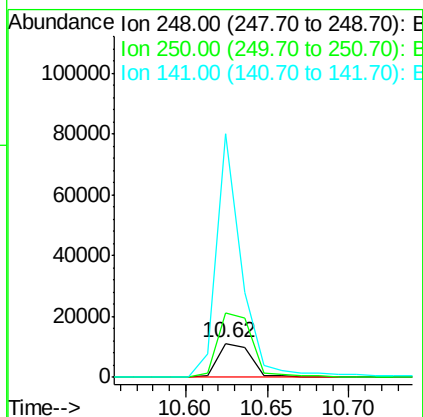
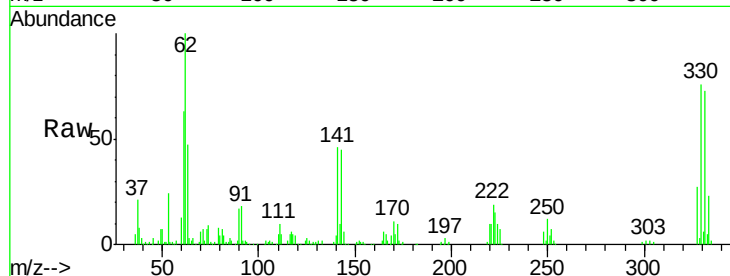




#66
4-Bromophenyl-phenylether
Concen: 4.18 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.25 min
Lab File: BF086435.D
Acq: 27 Apr 2016 20:34

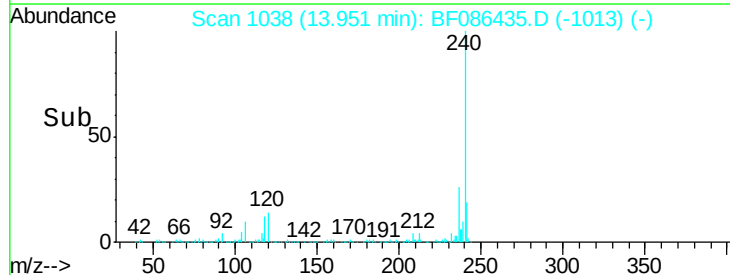
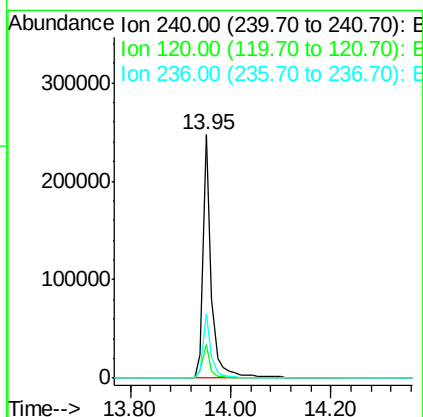
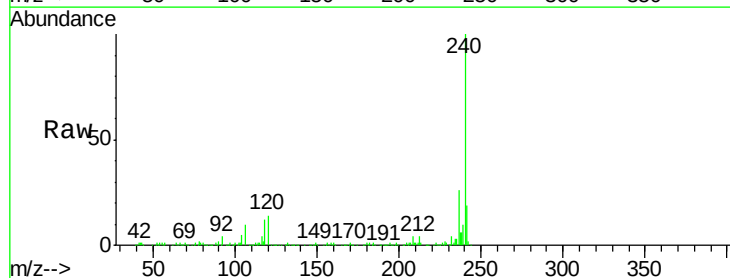
Instrument :
BNA_F
ClientSampleId :
TH-B3(0-5)-C

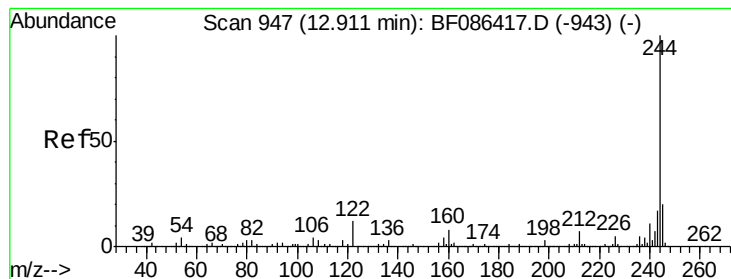
Tgt Ion:248 Resp: 15863
Ion Ratio Lower Upper
248 100
250 191.5 78.6 117.8#
141 723.0 76.0 114.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF086435.D
Acq: 27 Apr 2016 20:34

Tgt Ion:240 Resp: 286076
Ion Ratio Lower Upper
240 100
120 13.8 11.2 16.8
236 26.4 21.2 31.8





#78

Terphenyl-d14

Concen: 73.25 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086435.D

Acq: 27 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

TH-B3(0-5)-C

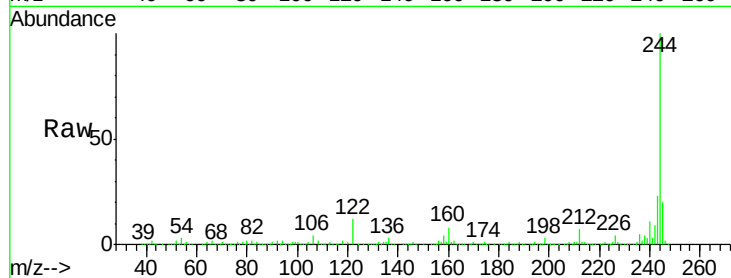
Tgt Ion:244 Resp: 951102

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

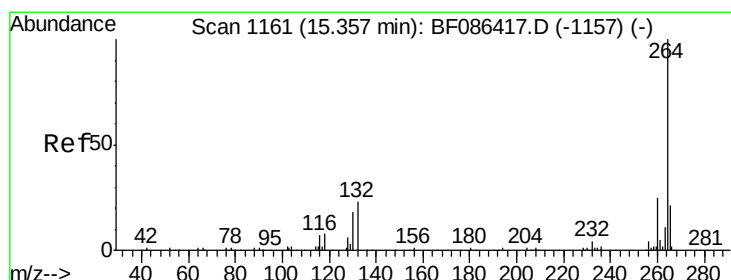
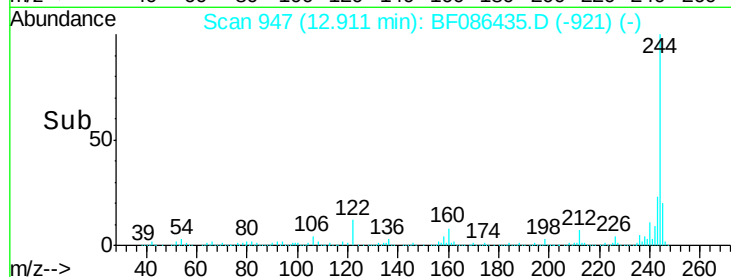
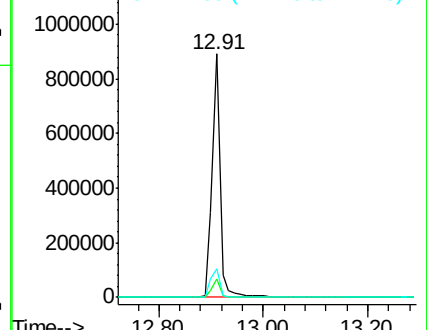
122 11.8 12.0 18.0#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF086435.D

Acq: 27 Apr 2016 20:34

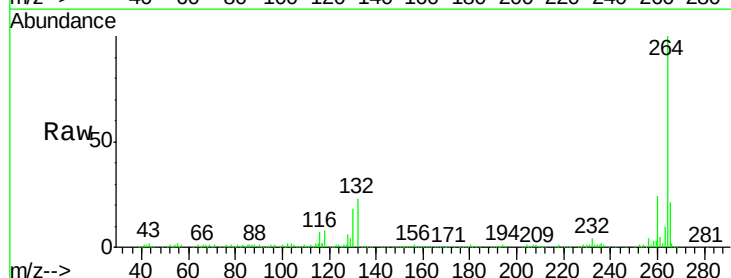
Tgt Ion:264 Resp: 278420

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.1 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

