

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
 Data File : BF086441.D
 Acq On : 27 Apr 2016 23:28
 Operator : UM/SJ
 Sample : H2730-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-1

Quant Time: Apr 28 01:00:00 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

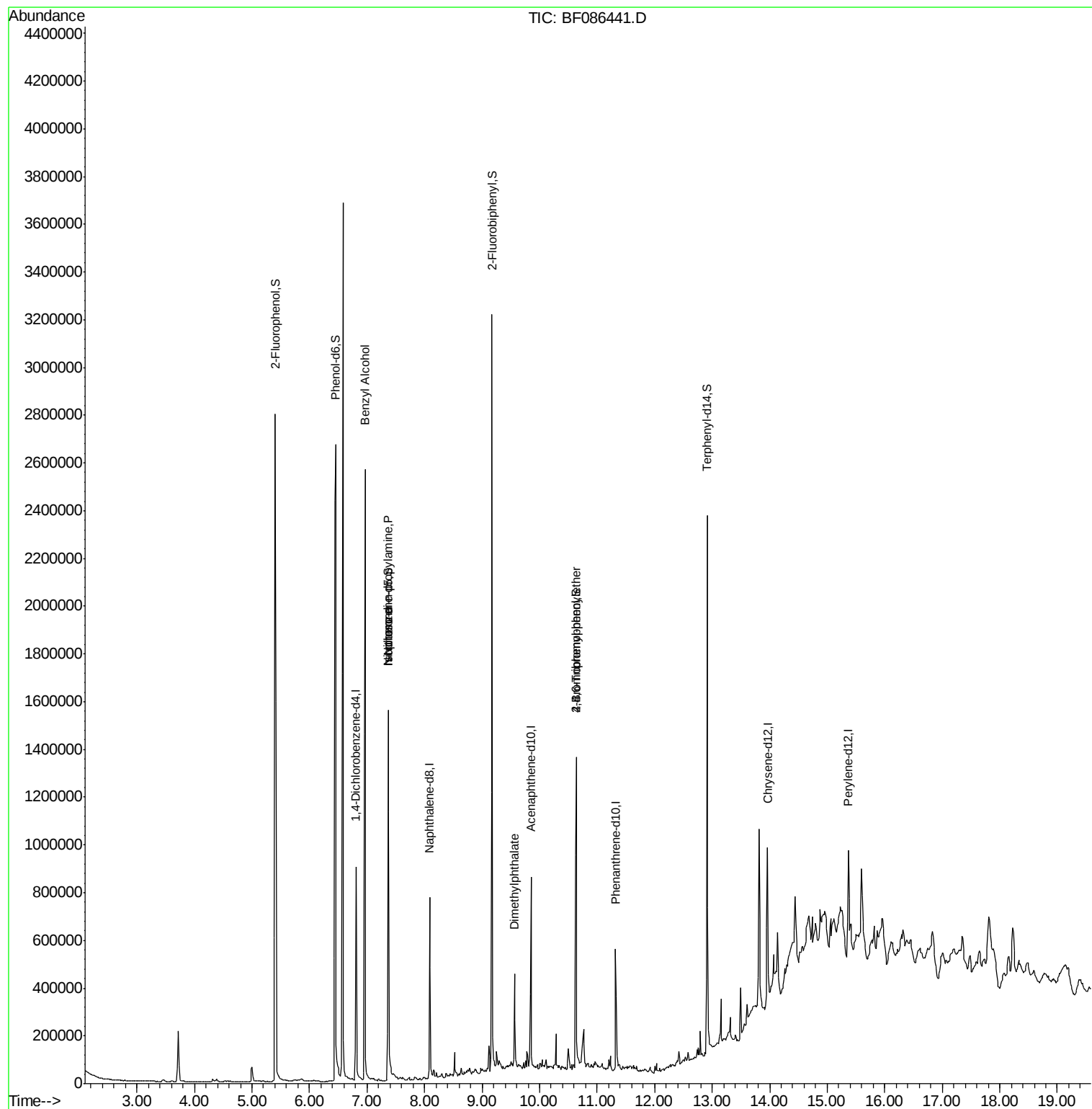
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	125620	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	441941	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	168557	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	258776	20.00	ng	0.00
75) Chrysene-d12	13.96	240	289316	20.00	ng	0.00
86) Perylene-d12	15.37	264	213520	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	952208	130.75	ng	0.01
7) Phenol-d6	6.45	99	1364980	134.29	ng	0.01
23) Nitrobenzene-d5	7.37	82	726186	88.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	209127	117.65	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1055992	118.69	ng	0.00
78) Terphenyl-d14	12.91	244	740752	56.41	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.97	79	14167	2.20	ng	# 39
19) n-Nitroso-di-n-propylamine	7.37	70	98609	14.68	ng	# 73
25) Isophorone	7.37	82	653190	41.39	ng	# 68
49) Dimethylphthalate	9.56	163	139512	10.99	ng	100
66) 4-Bromophenyl-phenylether	10.64	248	12001	4.50	ng	# 1

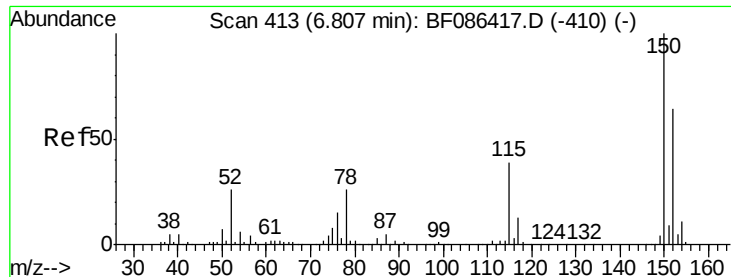
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086441.D

Acq: 27 Apr 2016 23:28

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-1

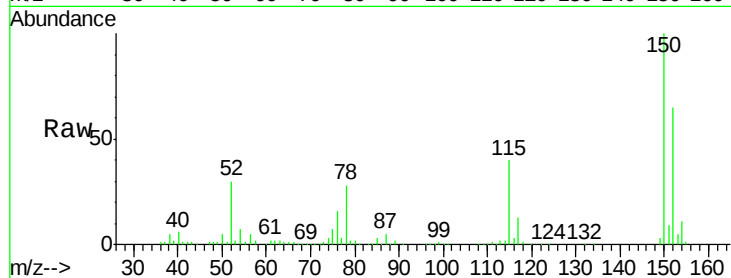
Tgt Ion:152 Resp: 125620

Ion Ratio Lower Upper

152 100

150 155.0 125.8 188.6

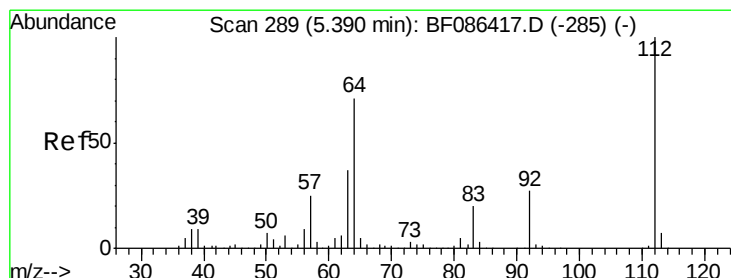
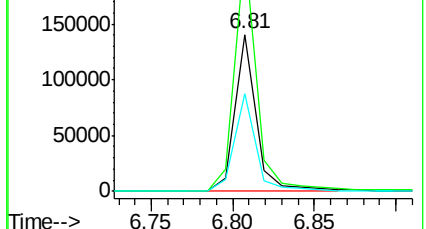
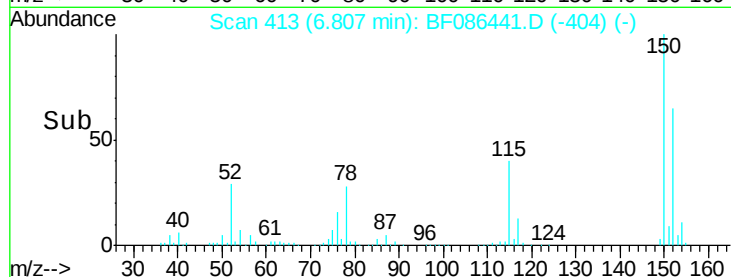
115 62.5 51.5 77.3



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: 130.75 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086441.D

Acq: 27 Apr 2016 23:28

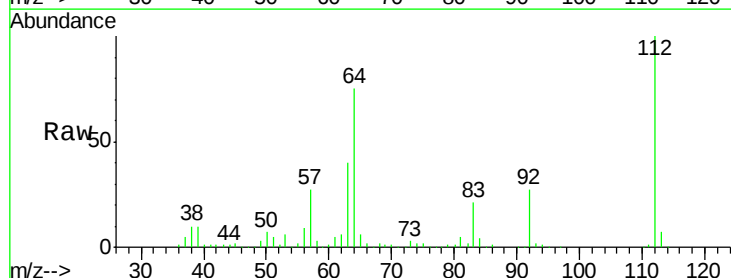
Tgt Ion:112 Resp: 952208

Ion Ratio Lower Upper

112 100

64 75.1 52.1 78.1

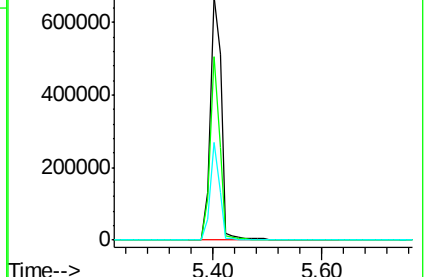
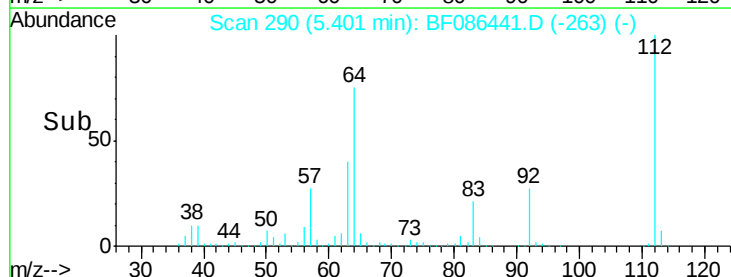
63 39.9 25.7 38.5#

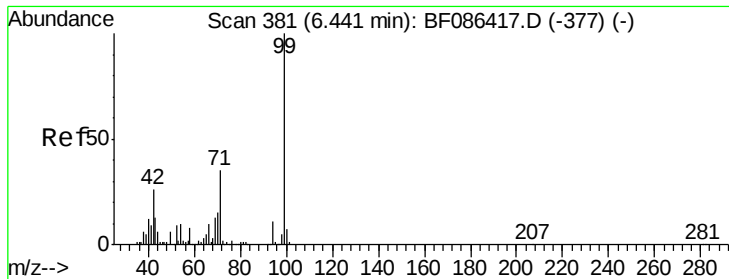


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 134.29 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF086441.D

Acq: 27 Apr 2016 23:28

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-1

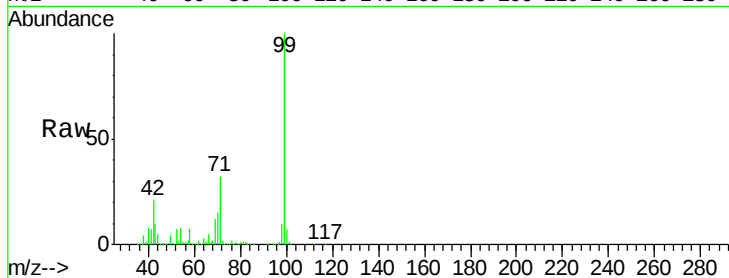
Tgt Ion: 99 Resp: 1364980

Ion Ratio Lower Upper

99 100

42 20.6 13.6 20.4#

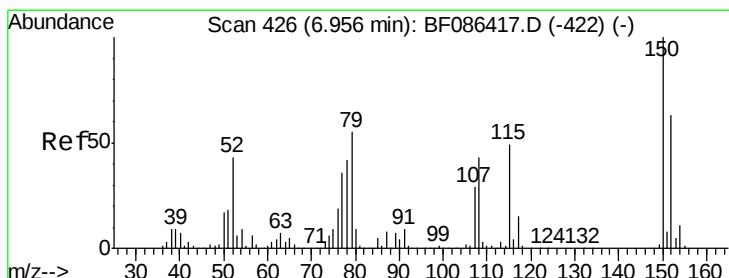
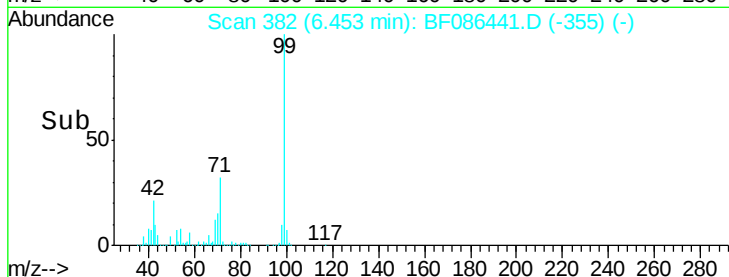
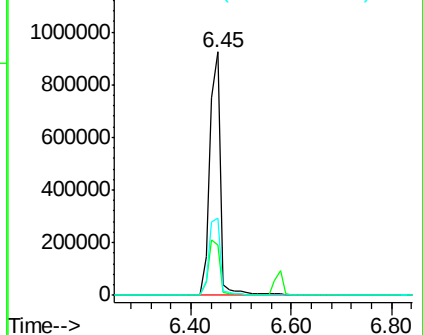
71 31.7 24.6 36.8



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: 2.20 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF086441.D

Acq: 27 Apr 2016 23:28

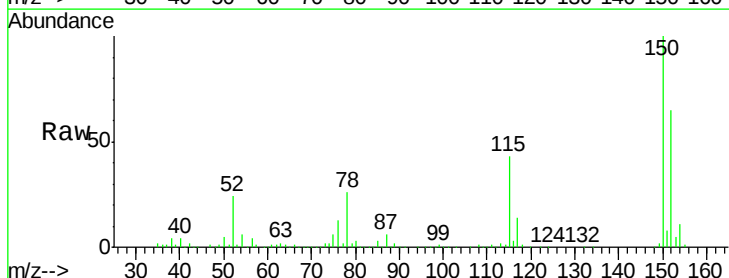
Tgt Ion: 79 Resp: 14167

Ion Ratio Lower Upper

79 100

108 33.0 68.4 102.6#

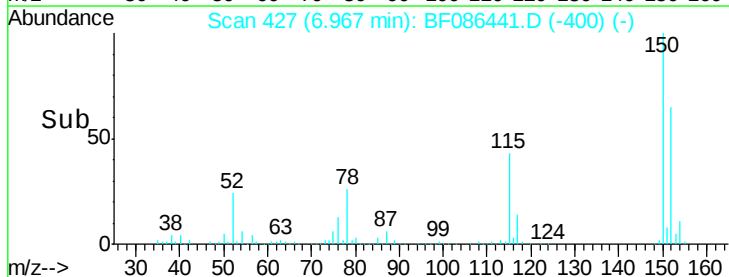
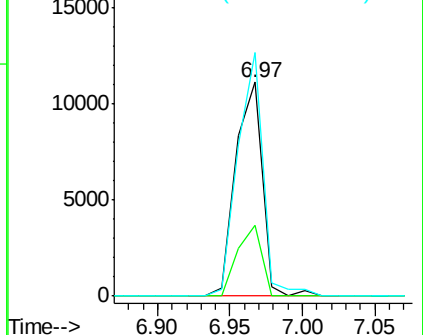
77 113.9 50.6 76.0#

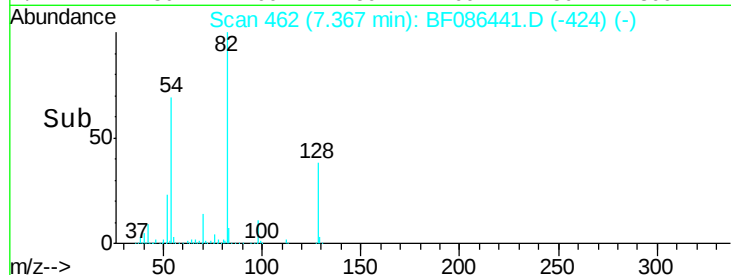
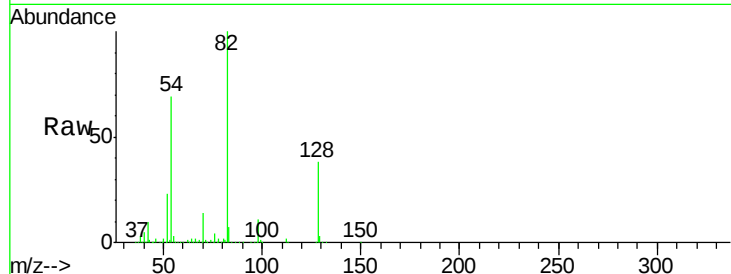
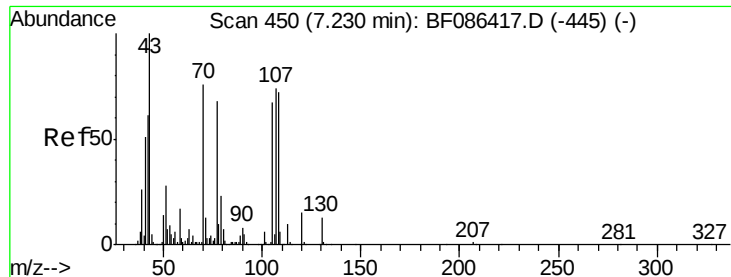


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

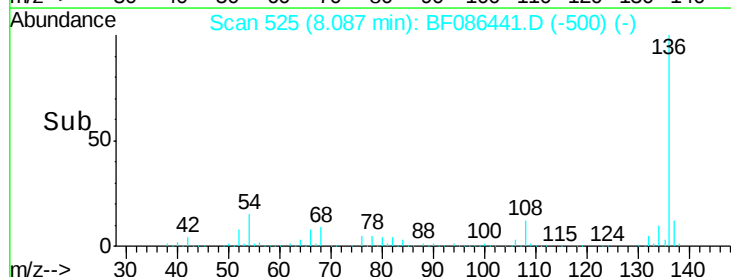
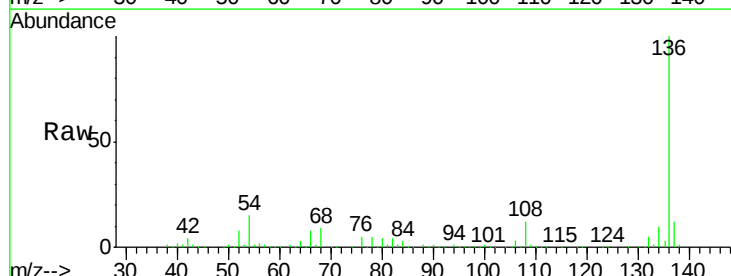
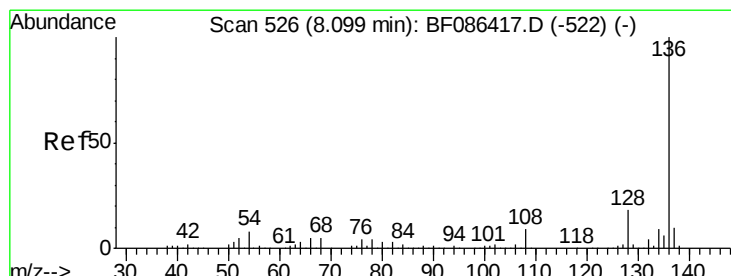
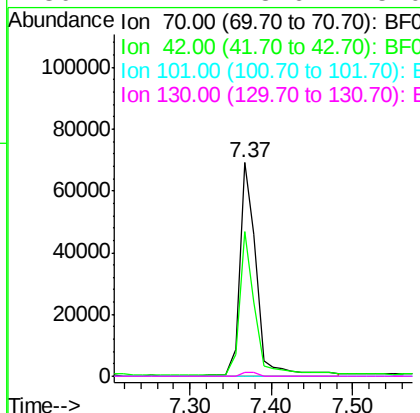




#19
n-Nitroso-di-n-propylamine
Concen: 14.68 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.14 min
Lab File: BF086441.D
Acq: 27 Apr 2016 23:28

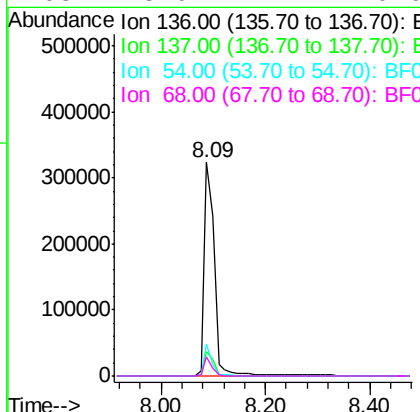
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-1

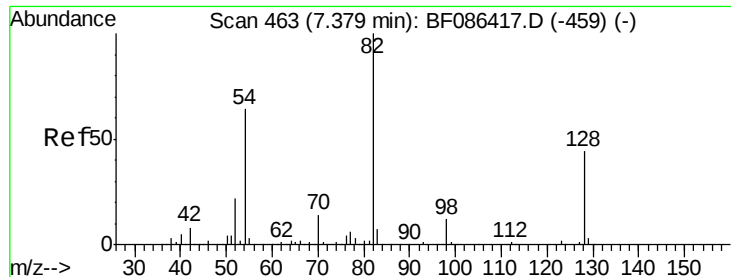
Tgt Ion: 70 Resp: 98609
Ion Ratio Lower Upper
70 100
42 67.7 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF086441.D
Acq: 27 Apr 2016 23:28

Tgt Ion: 136 Resp: 441941
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 14.9 5.0 7.4#
68 8.9 4.4 6.6#

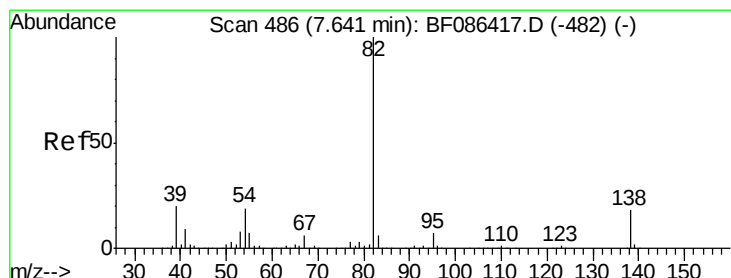
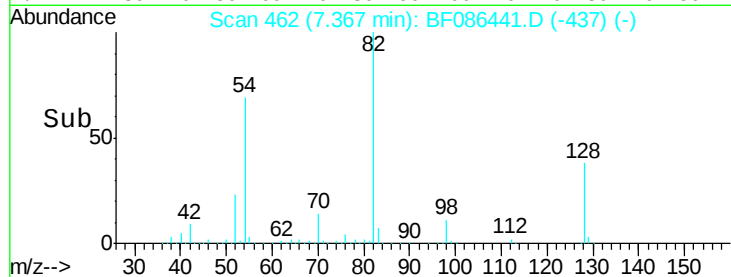
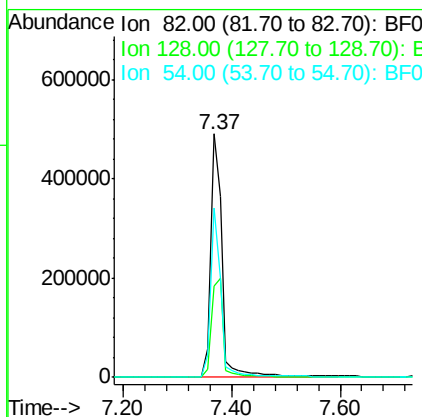
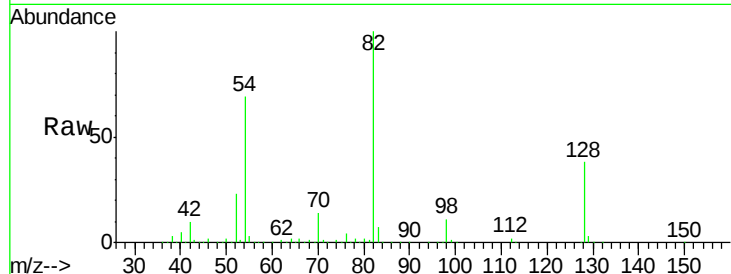




#23
Nitrobenzene-d5
Concen: 88.57 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF086441.D
Acq: 27 Apr 2016 23:28

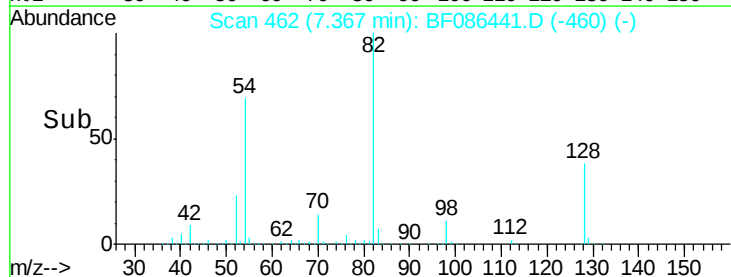
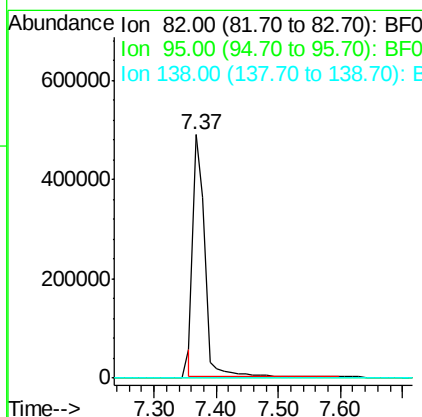
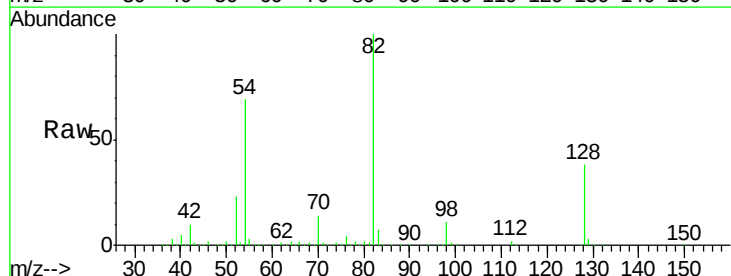
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-1

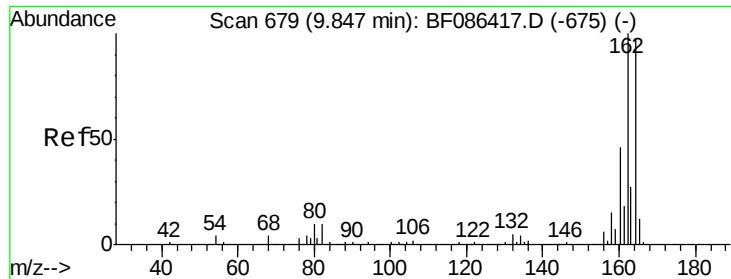
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.5	40.6	61.0#
54	69.3	38.1	57.1#



#25
Isophorone
Concen: 41.39 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.27 min
Lab File: BF086441.D
Acq: 27 Apr 2016 23:28

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: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF086441.D

Acq: 27 Apr 2016 23:28

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-1

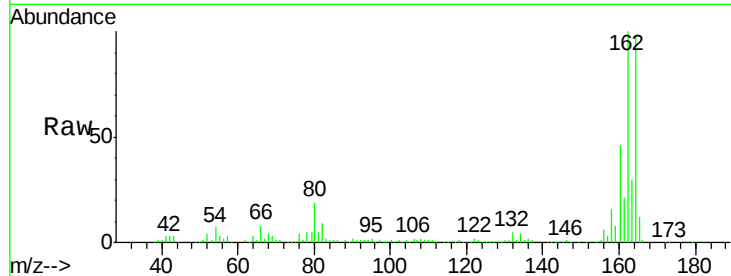
Tgt Ion:164 Resp: 168557

Ion Ratio Lower Upper

164 100

162 101.9 82.8 124.2

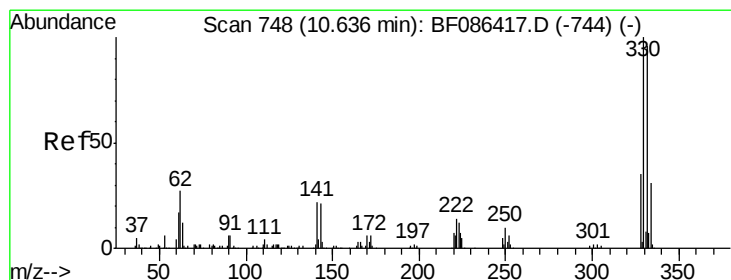
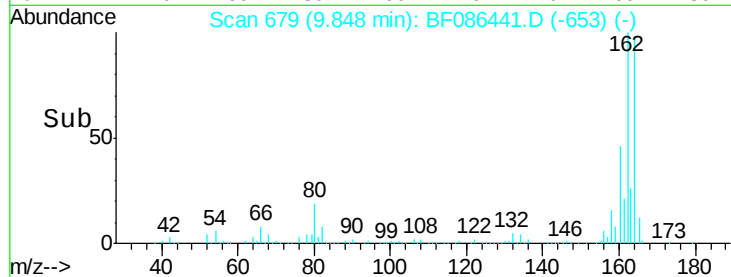
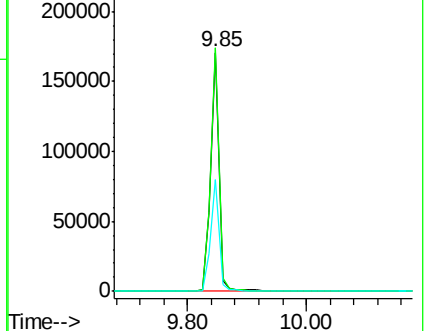
160 47.0 36.9 55.3



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: 117.65 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF086441.D

Acq: 27 Apr 2016 23:28

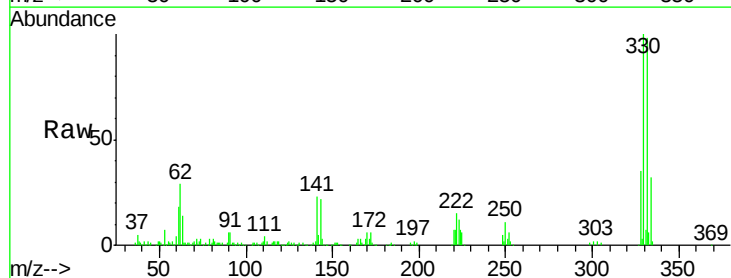
Tgt Ion:330 Resp: 209127

Ion Ratio Lower Upper

330 100

332 95.9 79.0 118.4

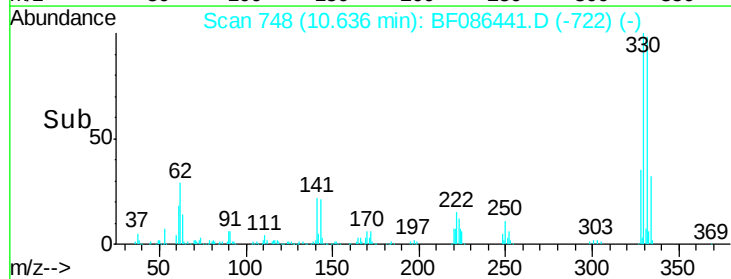
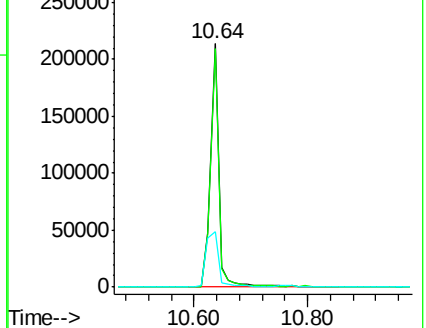
141 33.7 31.2 46.8

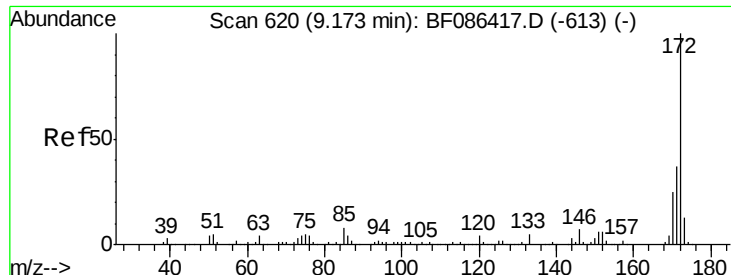


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

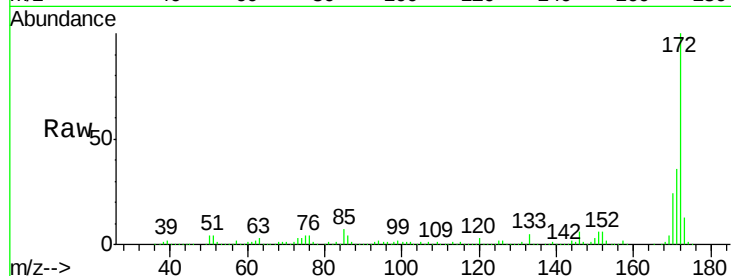




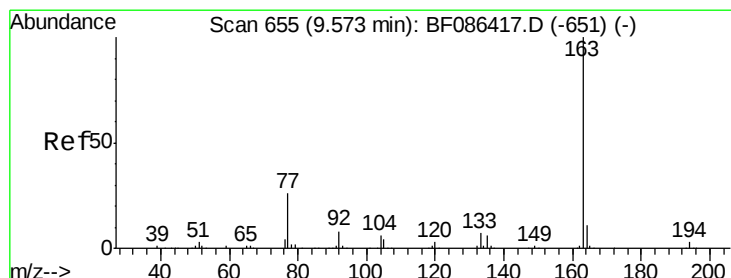
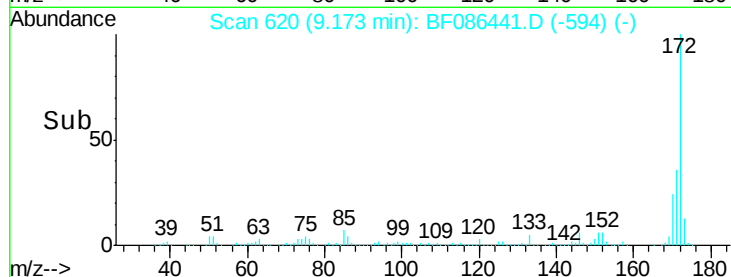
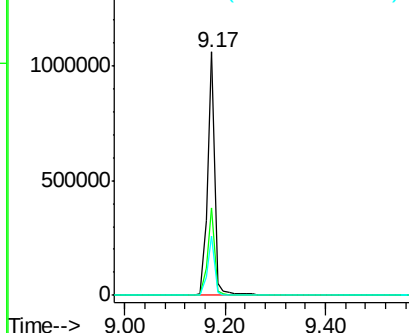
#44
 2-Fluorobiphenyl
 Concen: 118.69 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086441.D
 Acq: 27 Apr 2016 23:28

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-1

Tgt Ion:172 Resp: 1055992
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.4 19.8 29.8

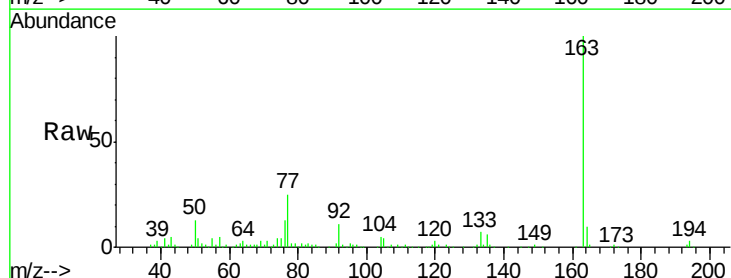


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

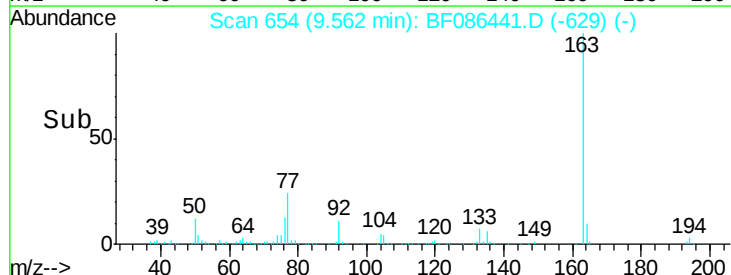
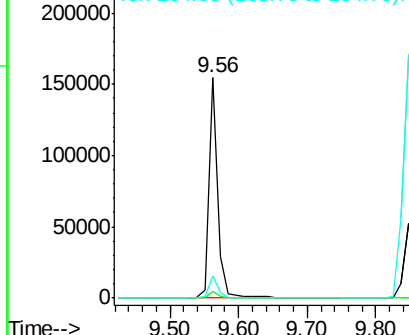


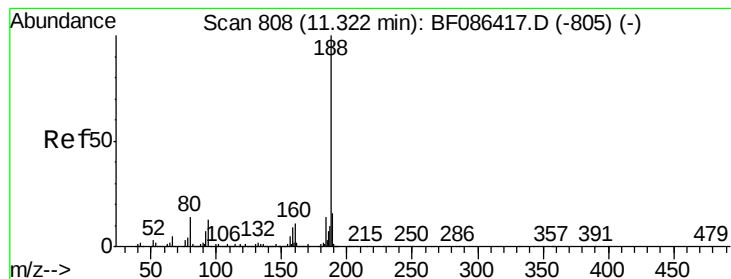
#49
 Dimethylphthalate
 Concen: 10.99 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF086441.D
 Acq: 27 Apr 2016 23:28

Tgt Ion:163 Resp: 139512
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.6 4.0
 164 10.4 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF086441.D

Acq: 27 Apr 2016 23:28

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-1

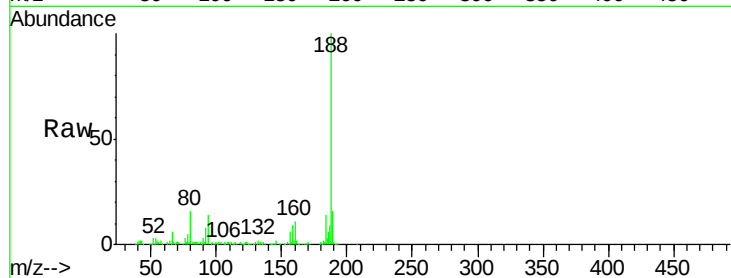
Tgt Ion:188 Resp: 258776

Ion Ratio Lower Upper

188 100

94 14.3 6.8 10.2#

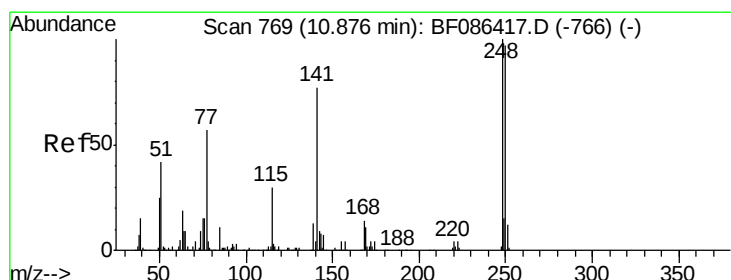
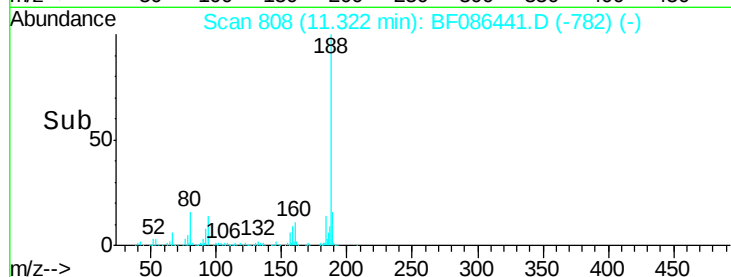
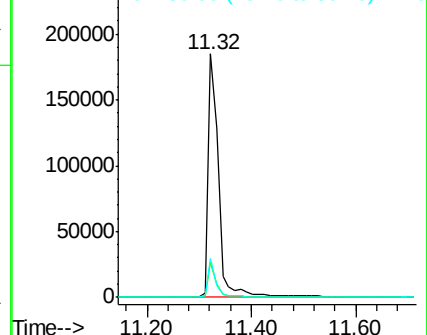
80 16.0 7.1 10.7#



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: 4.50 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.24 min

Lab File: BF086441.D

Acq: 27 Apr 2016 23:28

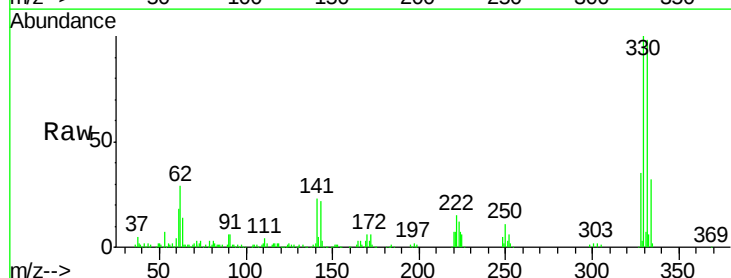
Tgt Ion:248 Resp: 12001

Ion Ratio Lower Upper

248 100

250 194.1 78.6 117.8#

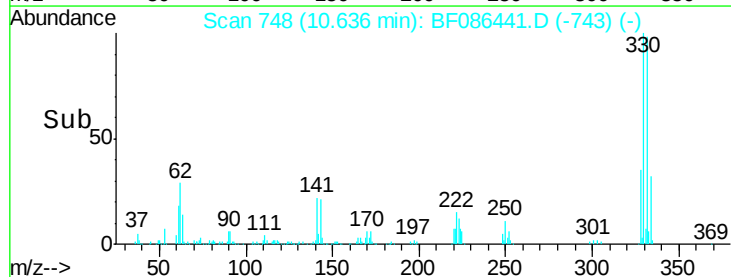
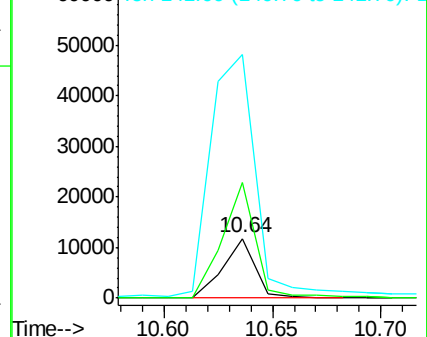
141 409.8 76.0 114.0#

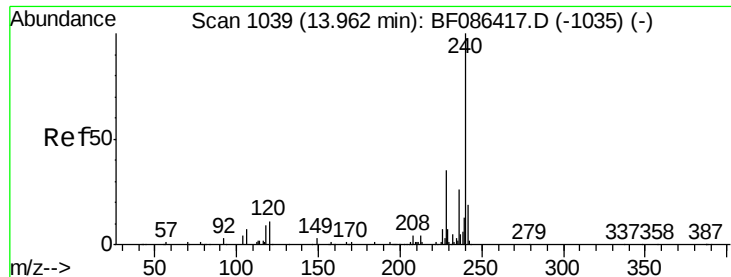


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF086441.D

Acq: 27 Apr 2016 23:28

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-1

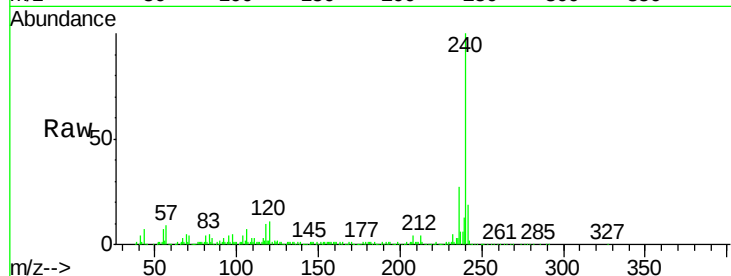
Tgt Ion:240 Resp: 289316

Ion Ratio Lower Upper

240 100

120 10.6 11.2 16.8#

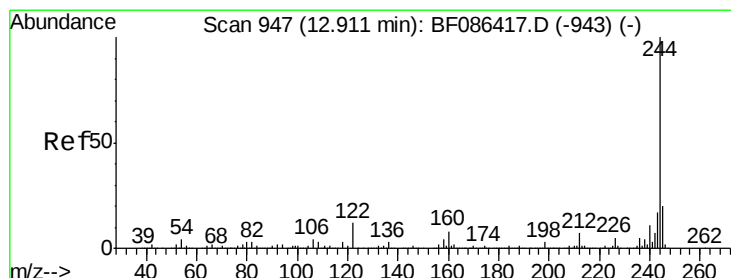
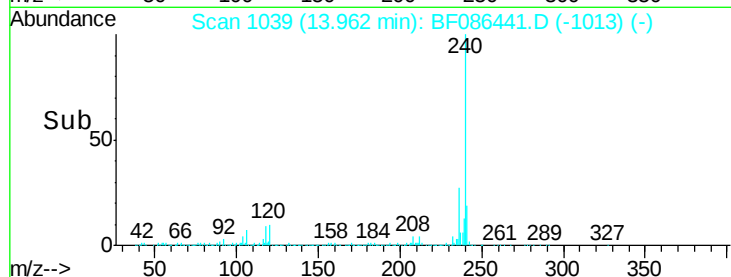
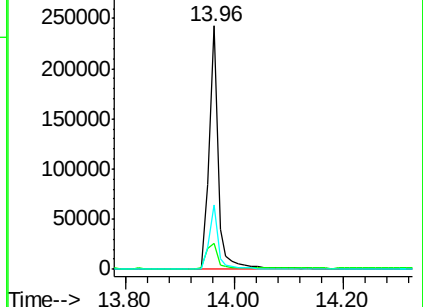
236 26.7 21.2 31.8



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: 56.41 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086441.D

Acq: 27 Apr 2016 23:28

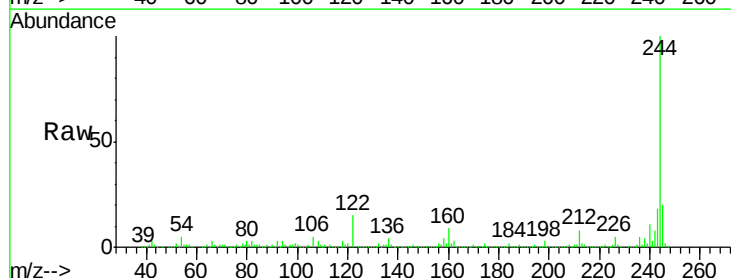
Tgt Ion:244 Resp: 740752

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

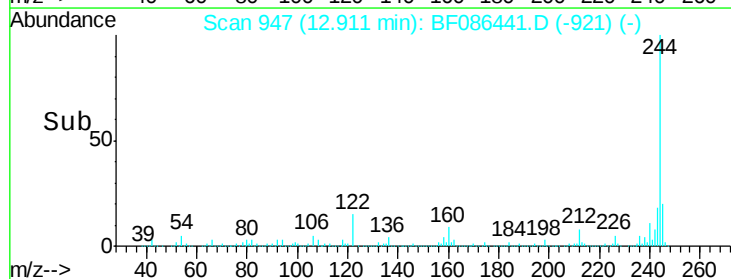
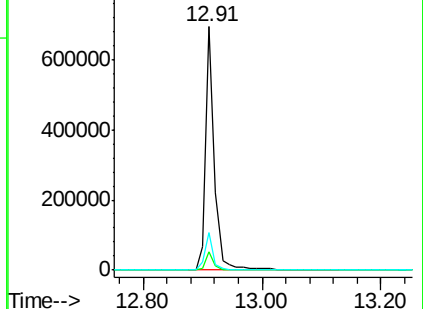
122 15.2 12.0 18.0

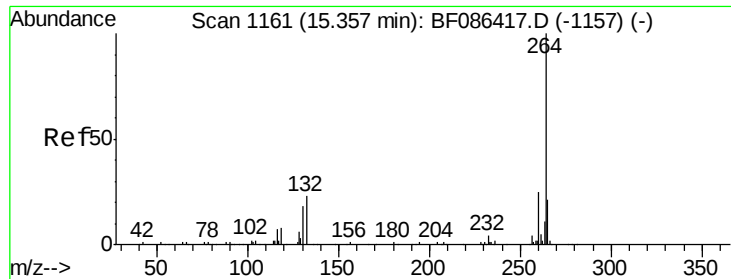


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF086441.D
Acq: 27 Apr 2016 23:28

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-1

Tgt Ion: 264 Resp: 213520
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 21.8 17.3 25.9

