

Data Path : Z:\HPCHEM1\BNA F\Data\BF050316\
 Data File : BF086640.D
 Acq On : 3 May 2016 12:58
 Operator : UM/SJ
 Sample : H2730-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-2

Quant Time: May 03 13:24:49 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

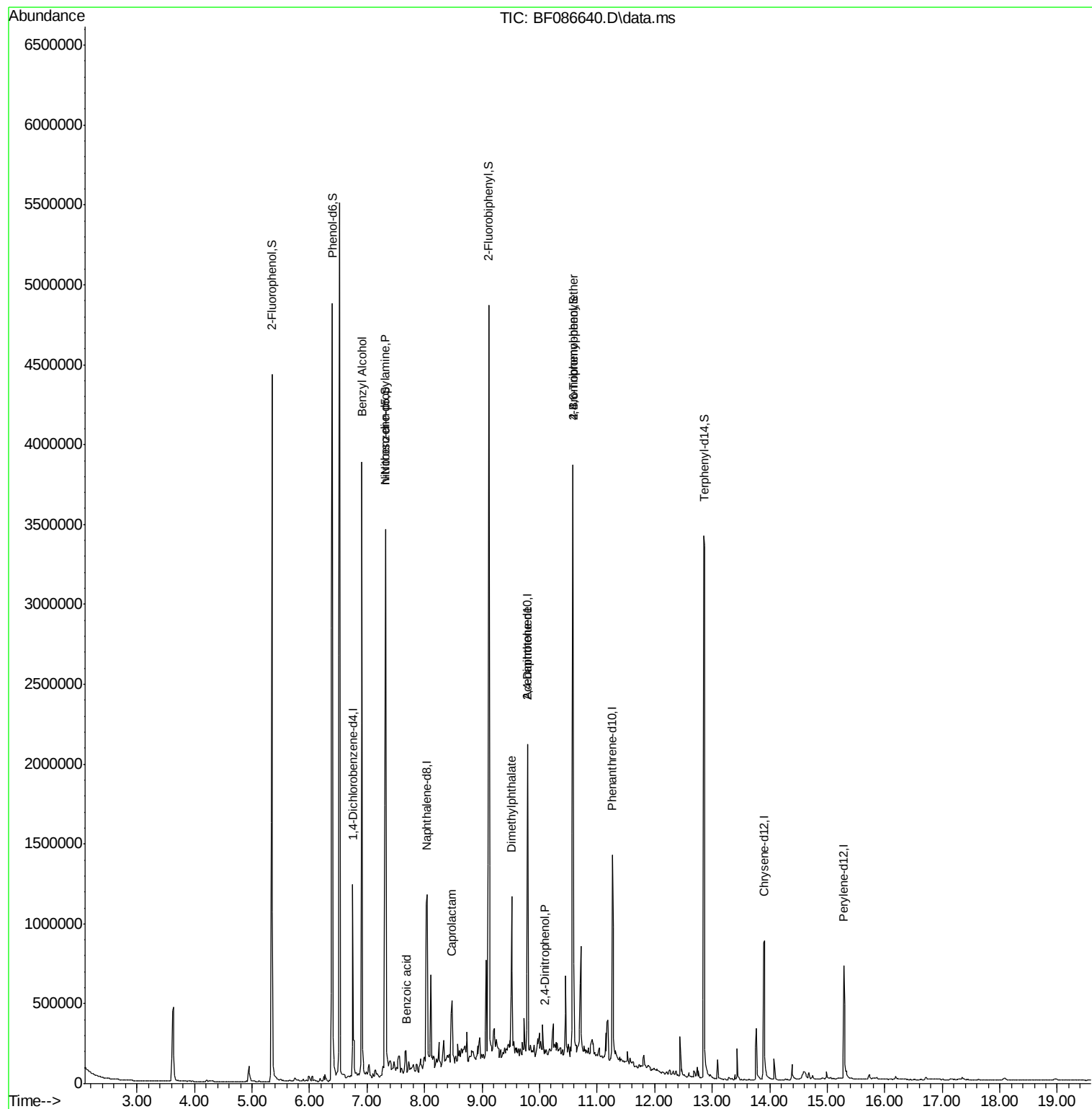
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.750	152	182455	20.00	ng	-0.06	
21) Naphthalene-d8	8.041	136	735203	20.00	ng	-0.06	
38) Acenaphthene-d10	9.790	164	372413	20.00	ng	-0.06	
63) Phenanthrene-d10	11.265	188	665076	20.00	ng	-0.06	
75) Chrysene-d12	13.905	240	515976	20.00	ng	-0.06	
86) Perylene-d12	15.288	264	378020	20.00	ng	-0.07	
System Monitoring Compounds							
5) 2-Fluorophenol	5.344	112	1292917	122.23	ng	-0.05	
7) Phenol-d6	6.395	99	1891372	128.11	ng	-0.05	
23) Nitrobenzene-d5	7.321	82	1312758	96.24	ng	-0.06	
41) 2,4,6-Tribromophenol	10.579	330	469318	119.50	ng	-0.06	
44) 2-Fluorobiphenyl	9.116	172	1675283	77.12	ng	-0.06	
78) Terphenyl-d14	12.865	244	1704733	72.79	ng	-0.05	
Target Compounds							Qvalue
15) Benzyl Alcohol	6.910	79	23109	2.47	ng	#	37
19) n-Nitroso-di-n-propyla...	7.321	70	192765	19.75	ng	#	77
32) Benzoic acid	7.687	122	213	8.81	ng	#	24
35) Caprolactam	8.476	113	11556	3.62	ng	#	1
49) Dimethylphthalate	9.516	163	339829	12.12	ng		99
53) 2,4-Dinitrophenol	10.087	184	248	7.90	ng	#	22
56) 2,4-Dinitrotoluene	9.790	165	48487	6.57	ng	#	17
66) 4-Bromophenyl-phenylether	10.579	248	29441	4.30	ng	#	1

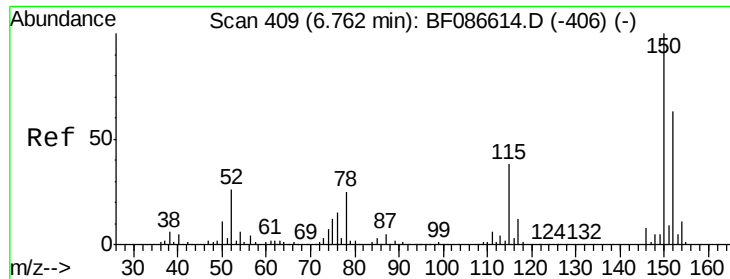
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.750 min Scan# 40

Delta R.T. -0.057 min

Lab File: BF086640.D

Acq: 3 May 2016 12:58

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2

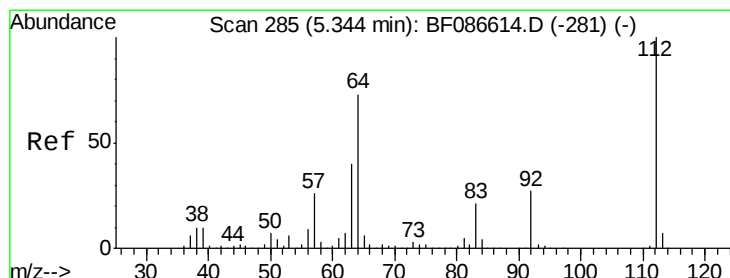
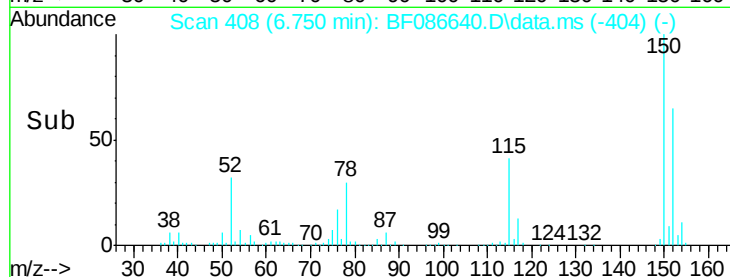
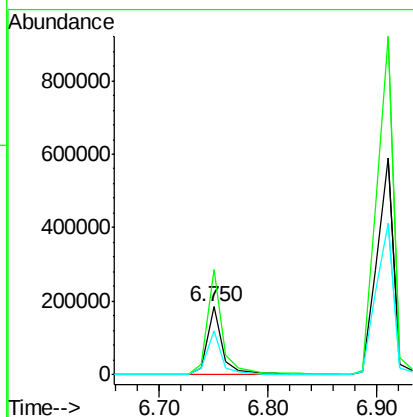
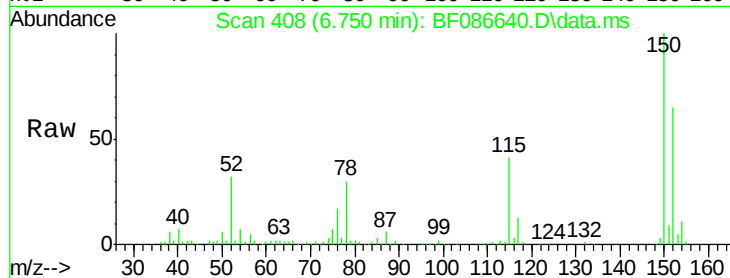
Tot Ion:152 Resp: 182455

Ion Ratio Lower Upper

152 100

150 154.9 125.8 188.6

115 64.0 51.5 77.3



#5

2-Fluorophenol

Concen: 122.23 ng

RT: 5.344 min Scan# 285

Delta R.T. -0.045 min

Lab File: BF086640.D

Acq: 3 May 2016 12:58

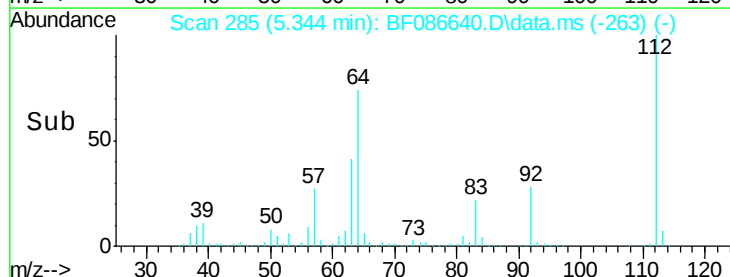
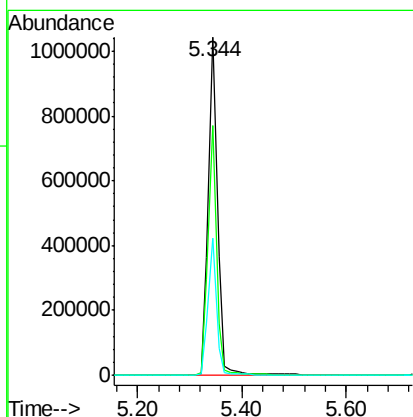
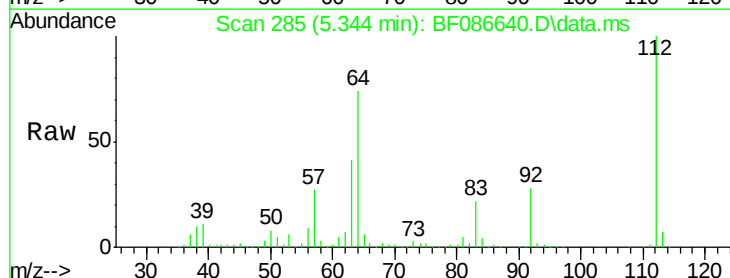
Tgt Ion:112 Resp: 1292917

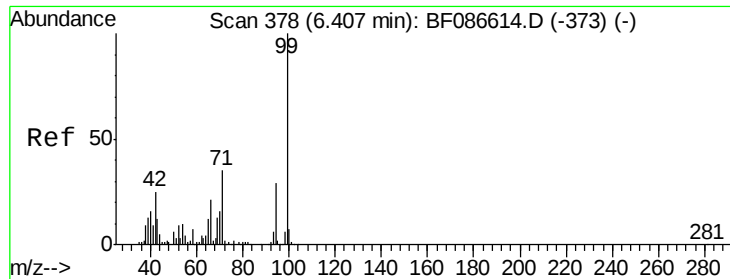
Ion Ratio Lower Upper

112 100

64 73.9 52.1 78.1

63 40.6 25.7 38.5#





#7

Phenol-d6

Concen: 128.11 ng

RT: 6.395 min Scan# 37

Delta R.T. -0.046 min

Lab File: BF086640.D

Acq: 3 May 2016 12:58

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2

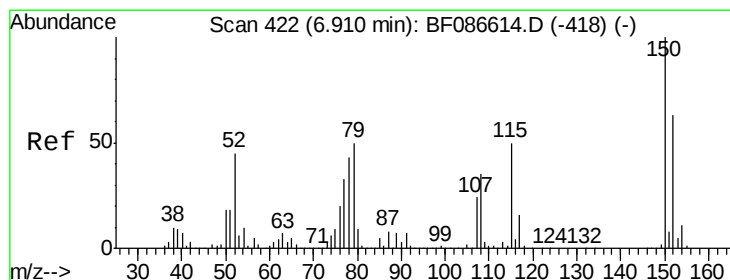
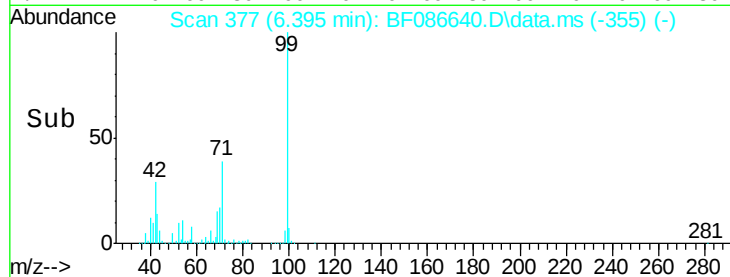
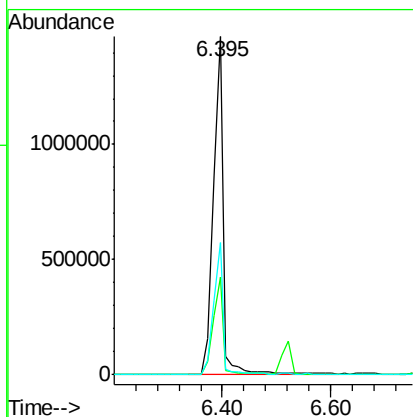
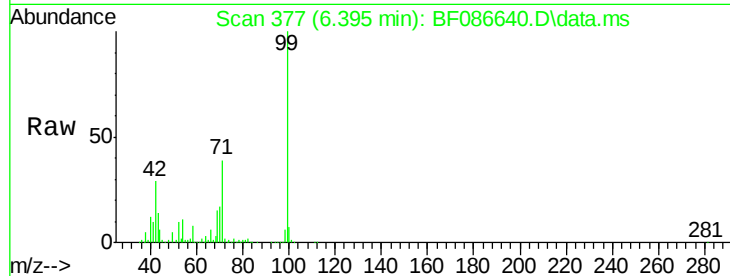
Tot Ion: 99 Resp: 1891372

Ion Ratio Lower Upper

99 100

42 28.8 13.6 20.4#

71 39.1 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.47 ng

RT: 6.910 min Scan# 422

Delta R.T. -0.046 min

Lab File: BF086640.D

Acq: 3 May 2016 12:58

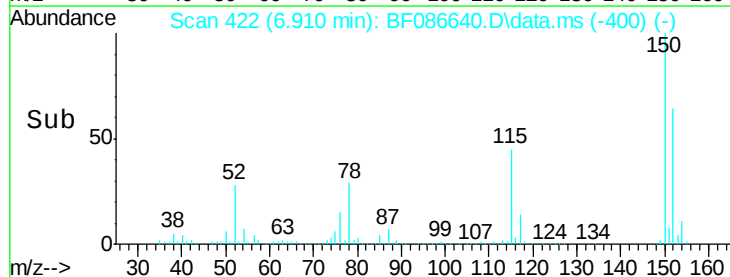
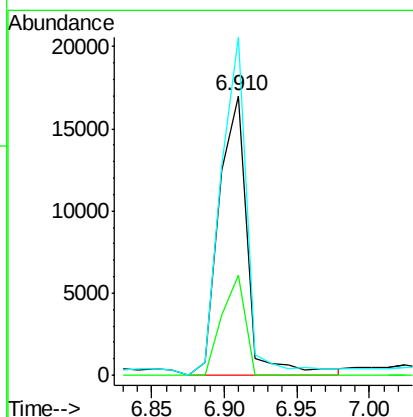
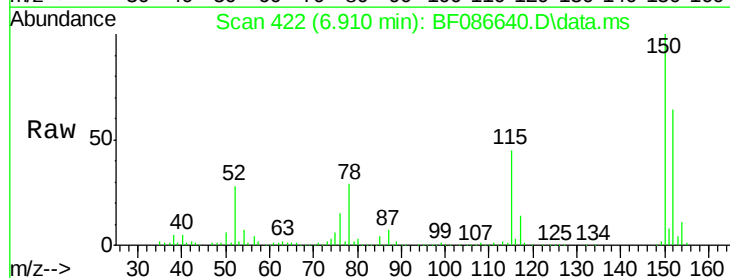
Tgt Ion: 79 Resp: 23109

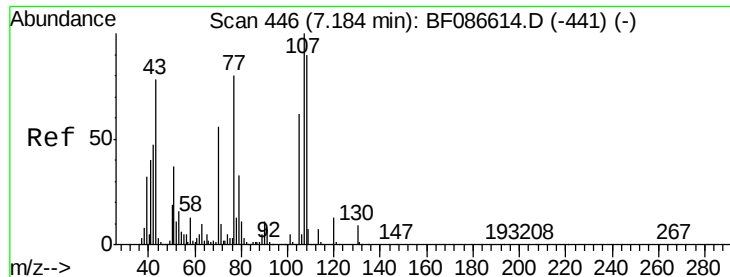
Ion Ratio Lower Upper

79 100

108 35.9 68.4 102.6#

77 121.1 50.6 76.0#





#19

n-Nitroso-di-n-propylamine

Concen: 19.75 ng

RT: 7.321 min Scan# 45

Delta R.T. 0.091 min

Lab File: BF086640.D

Acq: 3 May 2016 12:58

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2

Tot Ion: 70 Resp: 192765

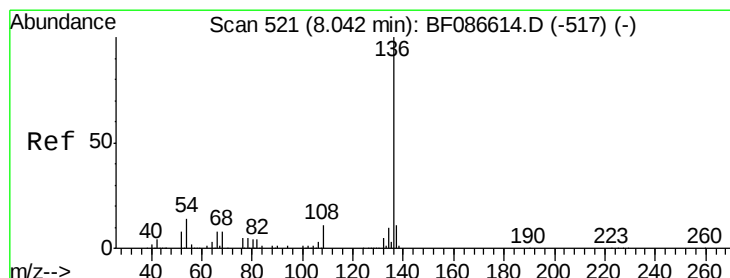
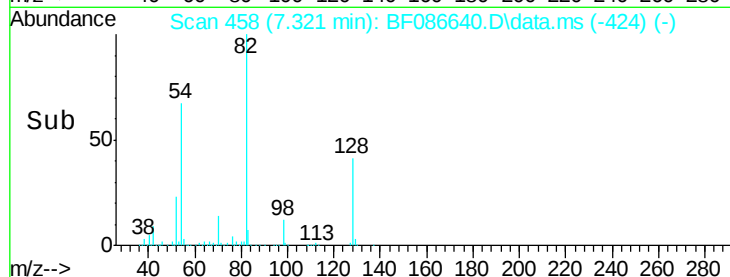
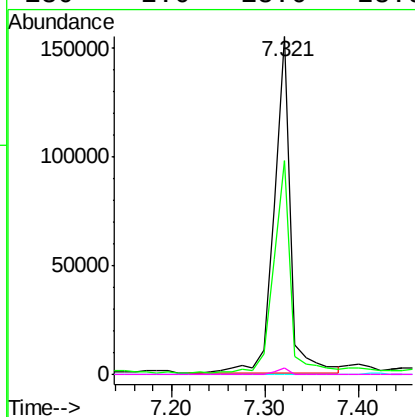
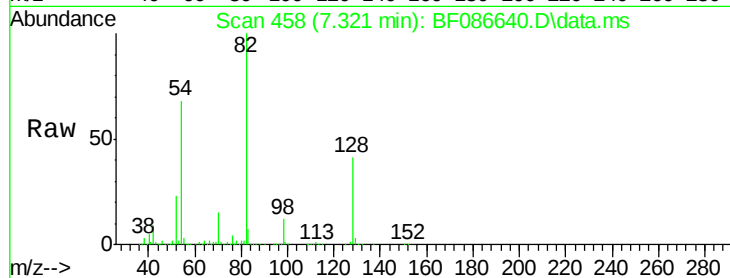
Ion Ratio Lower Upper

70 100

42 63.3 43.1 64.7

101 0.0 8.1 12.1#

130 2.0 18.6 28.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.041 min Scan# 521

Delta R.T. -0.057 min

Lab File: BF086640.D

Acq: 3 May 2016 12:58

Tgt Ion: 136 Resp: 735203

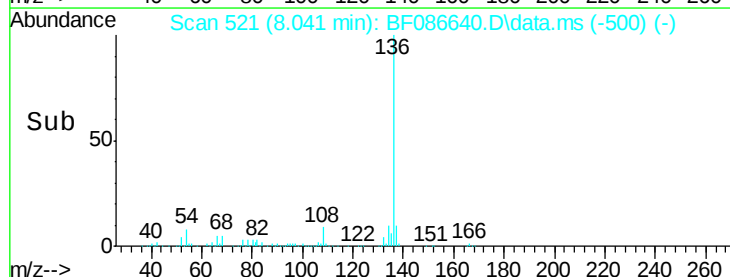
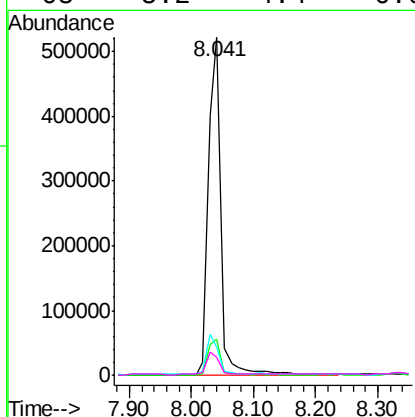
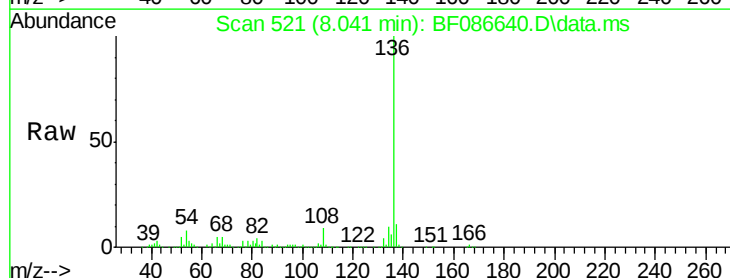
Ion Ratio Lower Upper

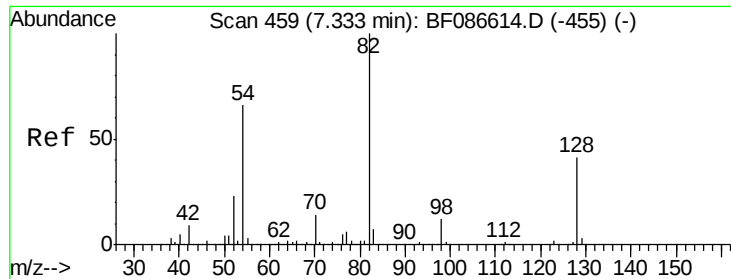
136 100

137 10.6 8.8 13.2

54 8.4 5.0 7.4#

68 5.2 4.4 6.6

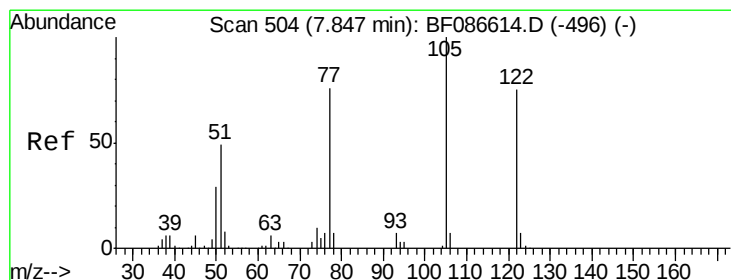
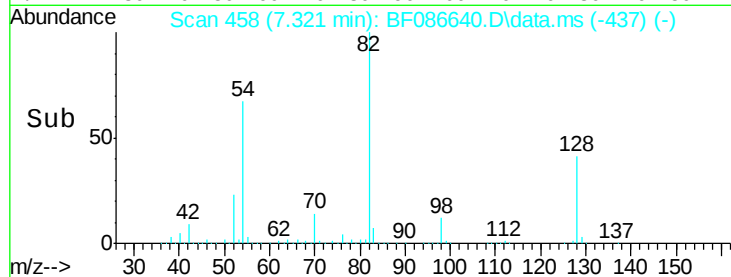
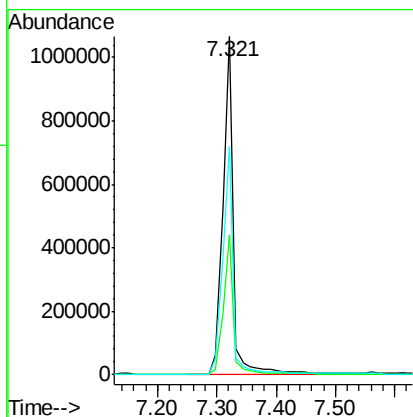
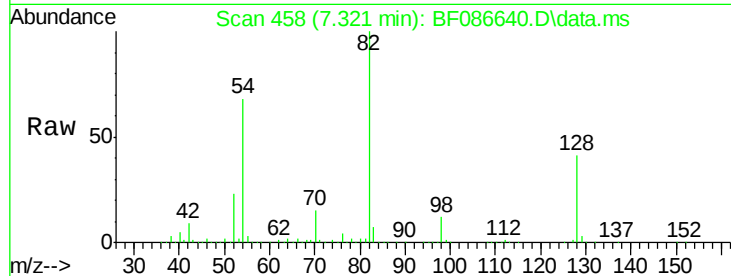




#23
Nitrobenzene-d5
Concen: 96.24 ng
RT: 7.321 min Scan# 45
Delta R.T. -0.057 min
Lab File: BF086640.D
Acq: 3 May 2016 12:58

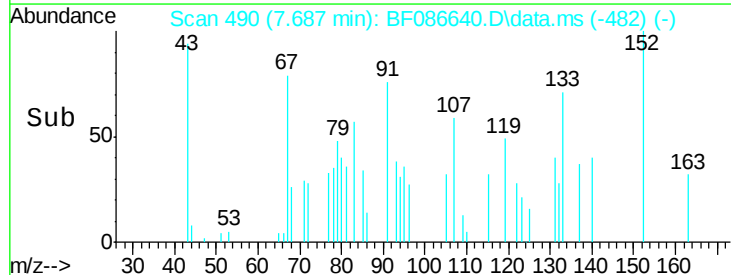
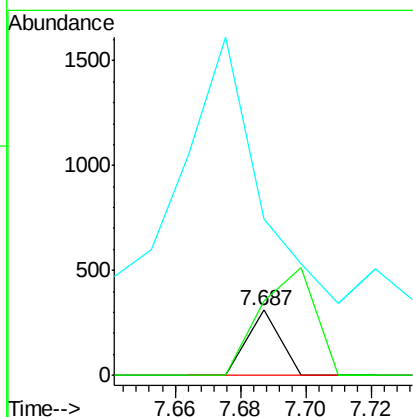
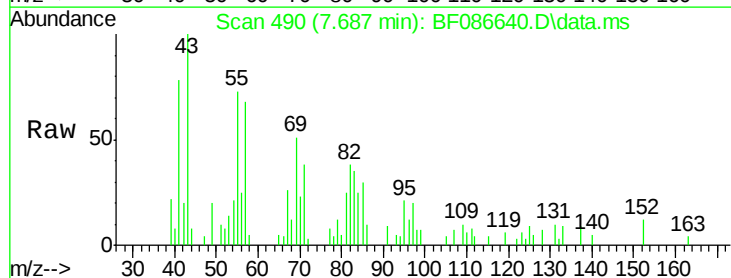
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-2

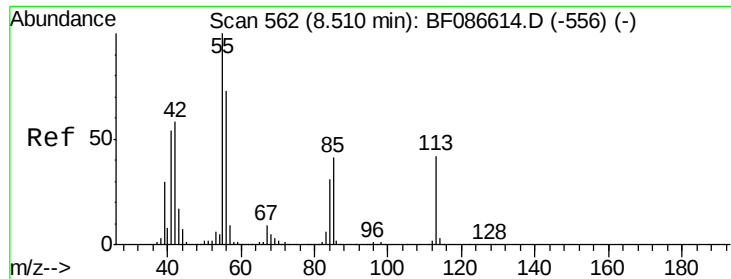
Tot Ion: 82 Resp: 1312758
Ion Ratio Lower Upper
82 100
128 41.4 40.6 61.0
54 67.5 38.1 57.1#



#32
Benzoic acid
Concen: 8.81 ng
RT: 7.687 min Scan# 490
Delta R.T. -0.205 min
Lab File: BF086640.D
Acq: 3 May 2016 12:58

Tgt Ion: 122 Resp: 213
Ion Ratio Lower Upper
122 100
105 114.5 92.6 132.6
77 240.0 60.0 100.0#





#35

Caprolactam

Concen: 3.62 ng

RT: 8.476 min Scan# 55

Delta R.T. -0.080 min

Lab File: BF086640.D

Acq: 3 May 2016 12:58

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2

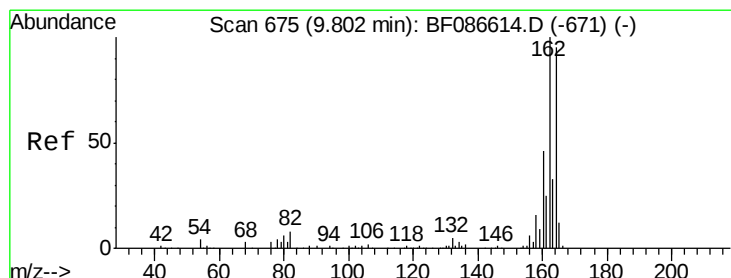
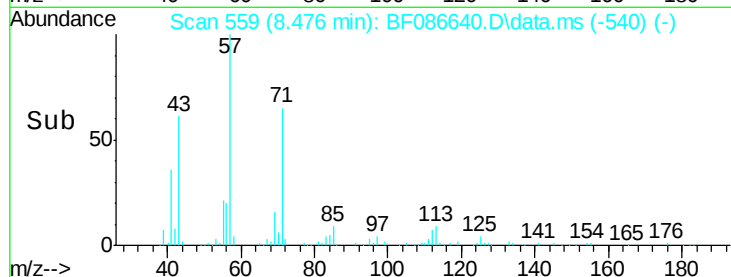
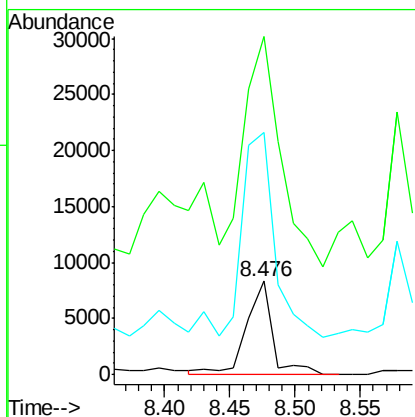
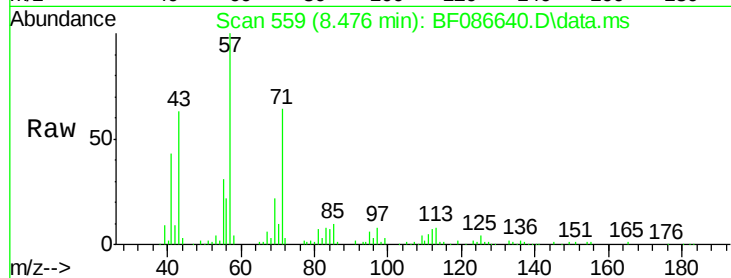
Tot Ion:113 Resp: 11556

Ion Ratio Lower Upper

113 100

55 363.1 162.0 202.0#

56 260.6 115.3 155.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.790 min Scan# 674

Delta R.T. -0.057 min

Lab File: BF086640.D

Acq: 3 May 2016 12:58

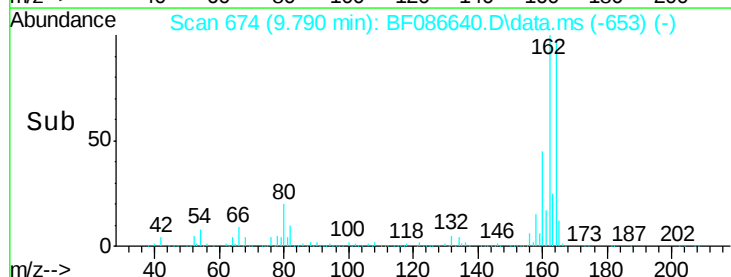
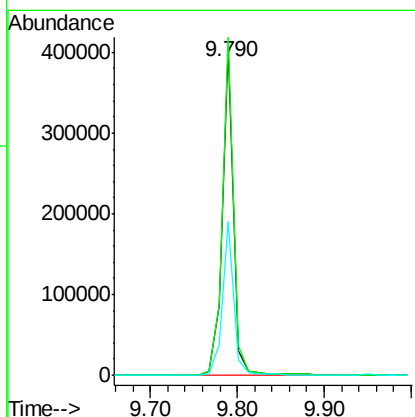
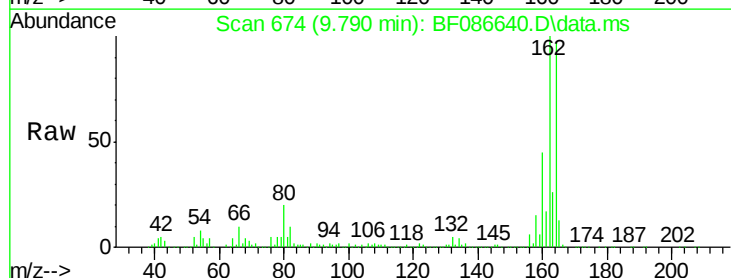
Tgt Ion:164 Resp: 372413

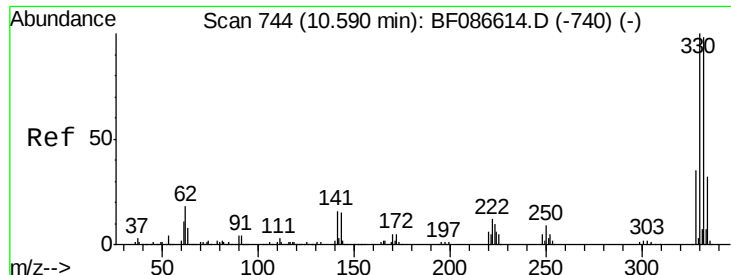
Ion Ratio Lower Upper

164 100

162 103.3 82.8 124.2

160 46.9 36.9 55.3

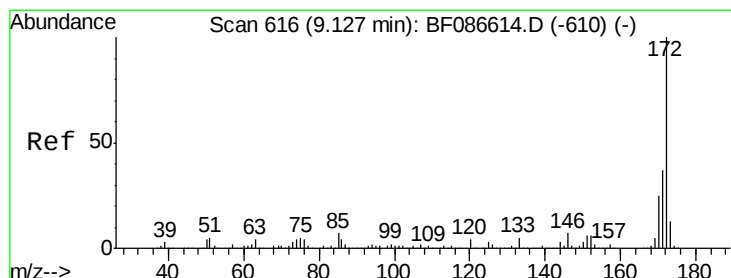
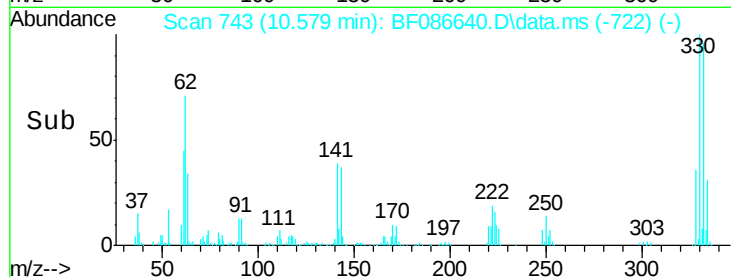
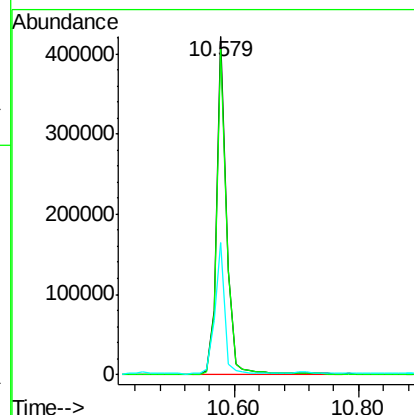
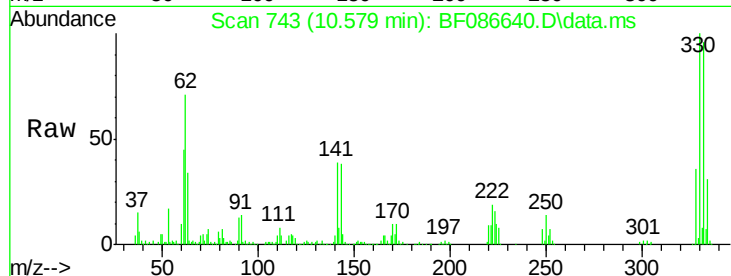




#41
 2,4,6-Tribromophenol
 Concen: 119.50 ng
 RT: 10.579 min Scan# 74
 Delta R.T. -0.057 min
 Lab File: BF086640.D
 Acq: 3 May 2016 12:58

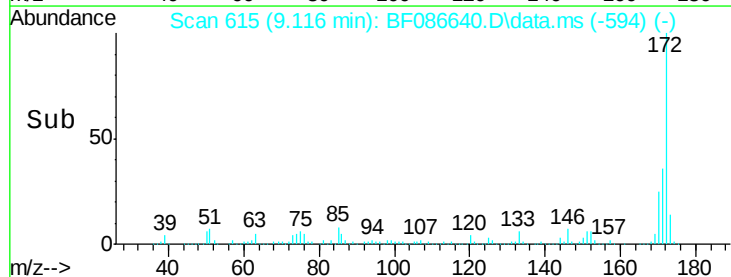
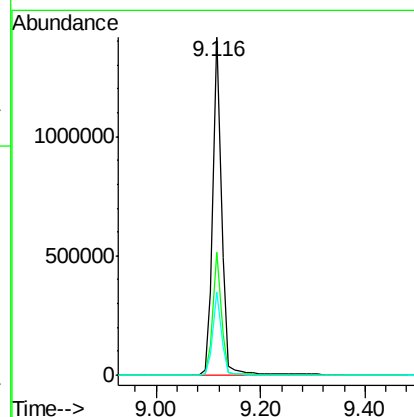
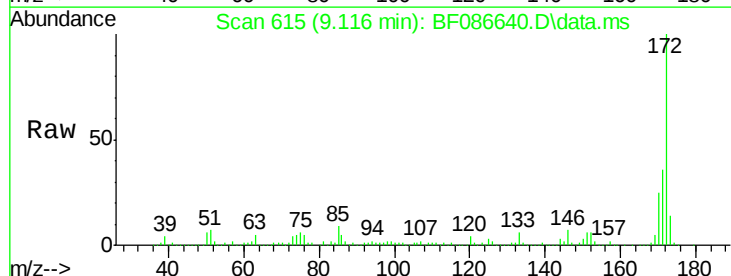
Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-2

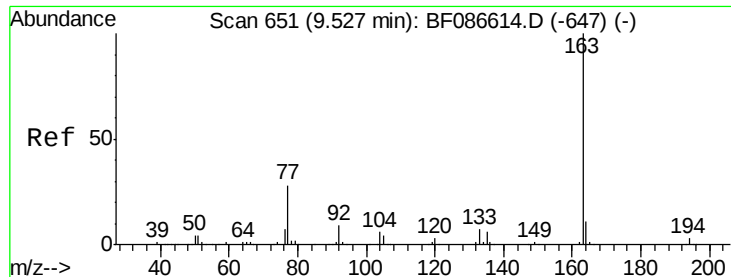
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.0	118.4
141	38.1	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 77.12 ng
 RT: 9.116 min Scan# 615
 Delta R.T. -0.057 min
 Lab File: BF086640.D
 Acq: 3 May 2016 12:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.7	19.8	29.8





#49

Dimethylphthalate

Concen: 12.12 ng

RT: 9.516 min Scan# 65

Delta R.T. -0.057 min

Lab File: BF086640.D

Acq: 3 May 2016 12:58

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2

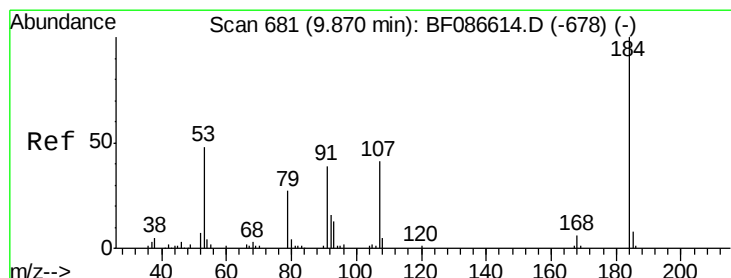
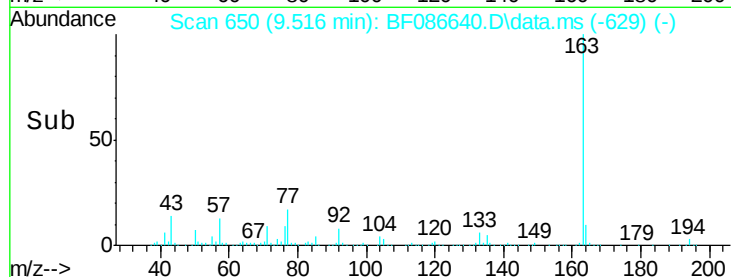
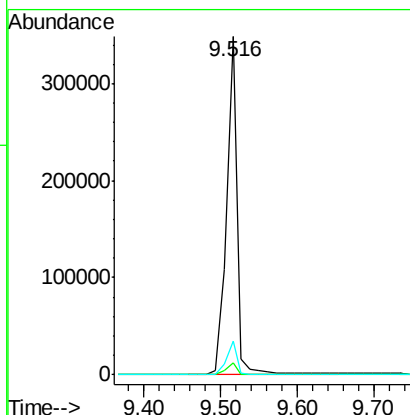
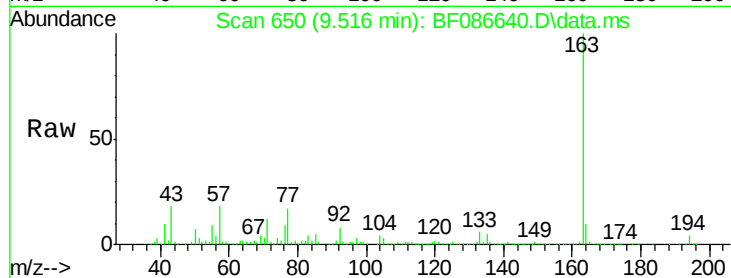
Tot Ion:163 Resp: 339829

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

164 9.9 8.2 12.4



#53

2,4-Dinitrophenol

Concen: 7.90 ng

RT: 10.087 min Scan# 700

Delta R.T. 0.183 min

Lab File: BF086640.D

Acq: 3 May 2016 12:58

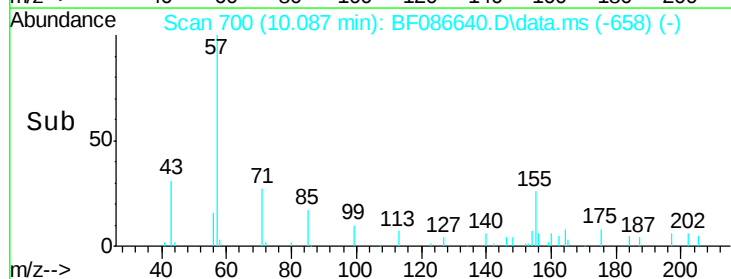
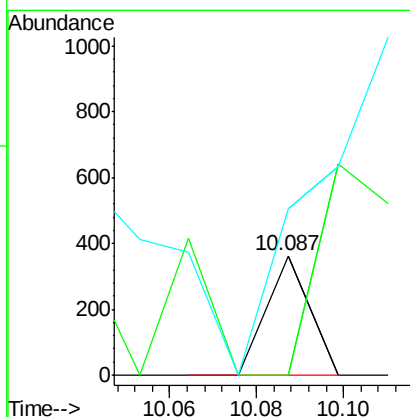
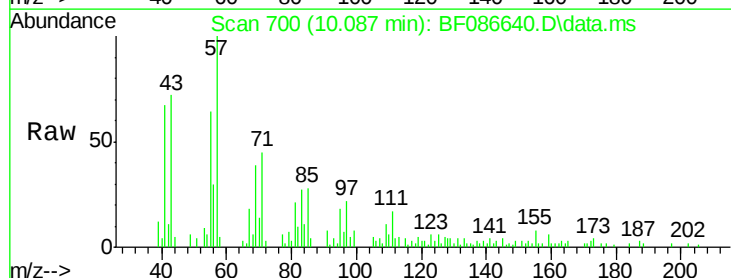
Tgt Ion:184 Resp: 248

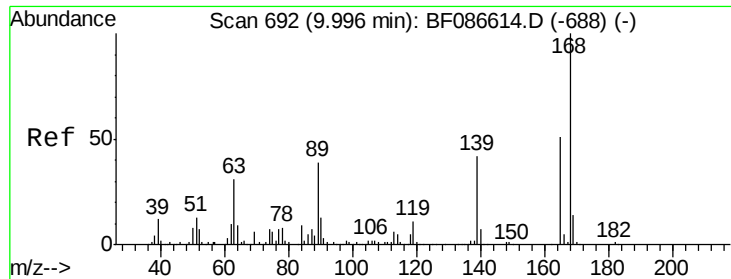
Ion Ratio Lower Upper

184 100

63 0.0 55.8 83.8#

154 139.5 62.4 93.6#

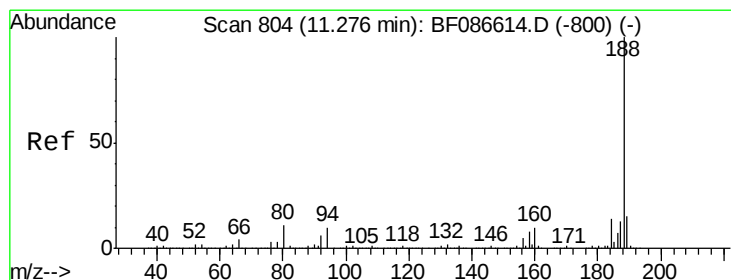
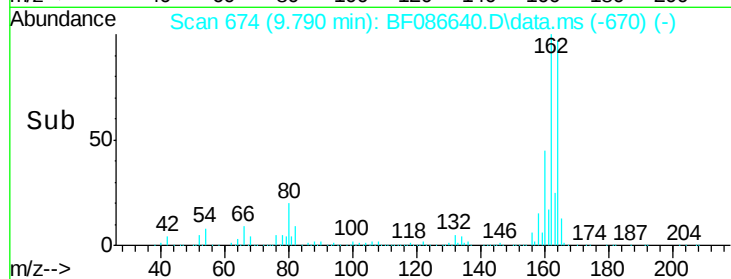
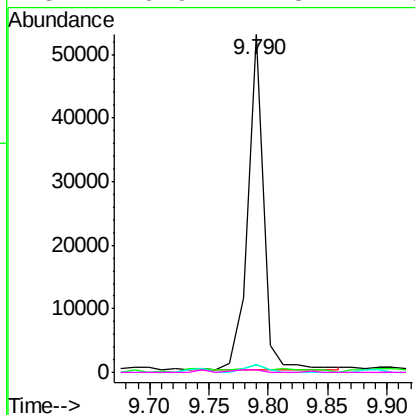
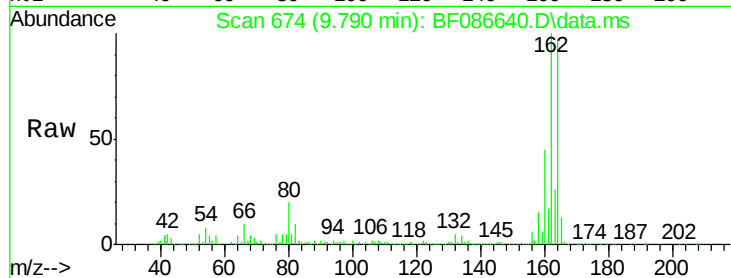




#56
 2,4-Dinitrotoluene
 Concen: 6.57 ng
 RT: 9.790 min Scan# 67
 Delta R.T. -0.252 min
 Lab File: BF086640.D
 Acq: 3 May 2016 12:58

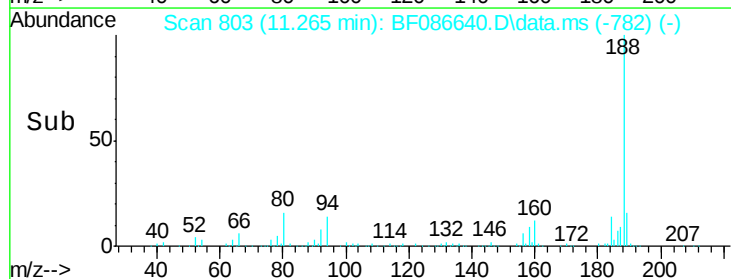
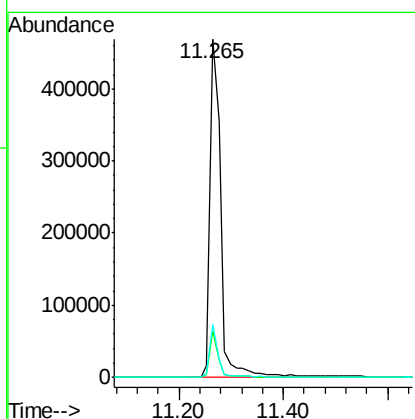
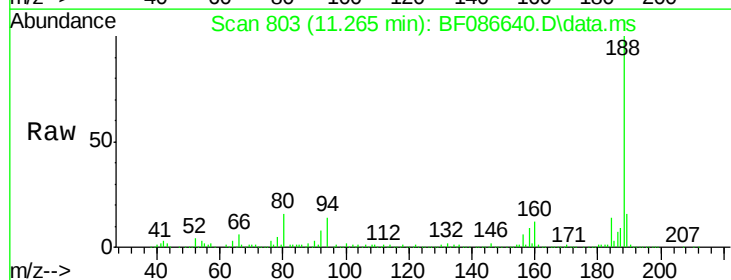
Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-2

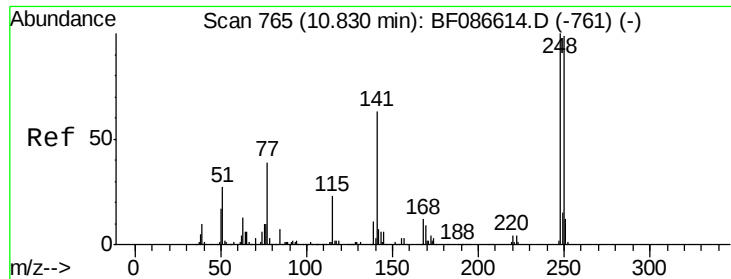
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.3	44.3	66.5#
89	2.2	70.0	105.0#
182	0.9	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.265 min Scan# 803
 Delta R.T. -0.057 min
 Lab File: BF086640.D
 Acq: 3 May 2016 12:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.8	6.8	10.2#
80	15.7	7.1	10.7#

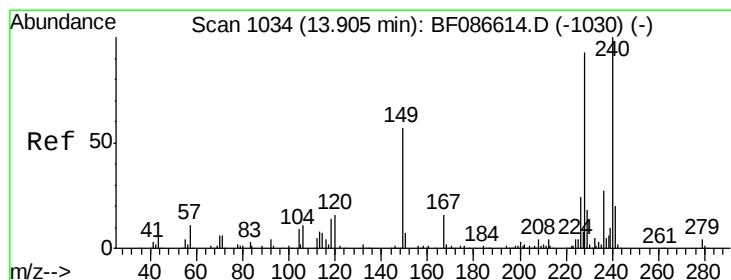
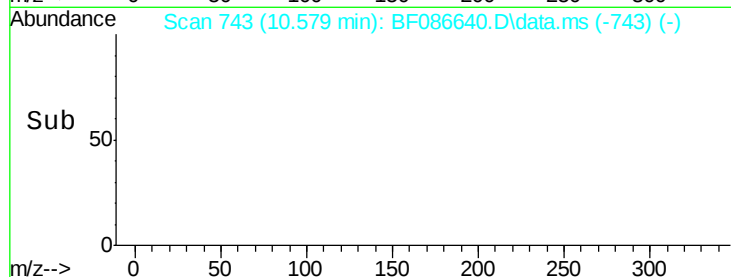
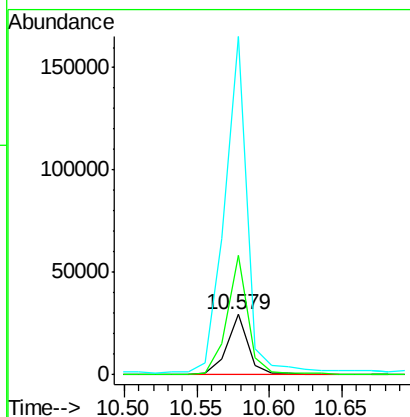
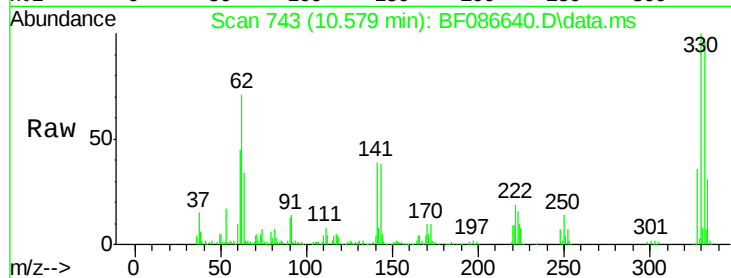




#66
4-Bromophenyl-phenylether
Concen: 4.30 ng
RT: 10.579 min Scan# 741
Delta R.T. -0.297 min
Lab File: BF086640.D
Acq: 3 May 2016 12:58

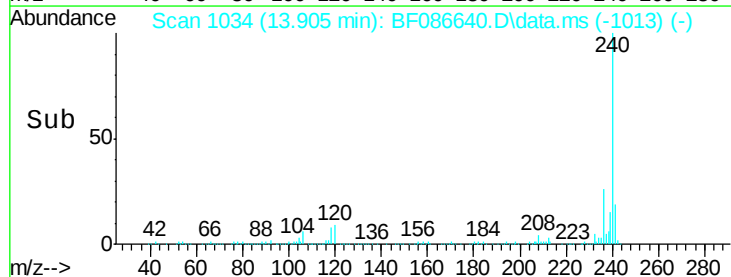
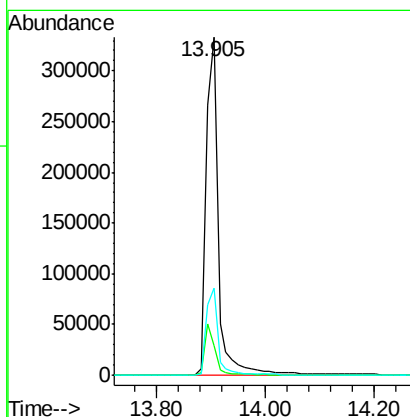
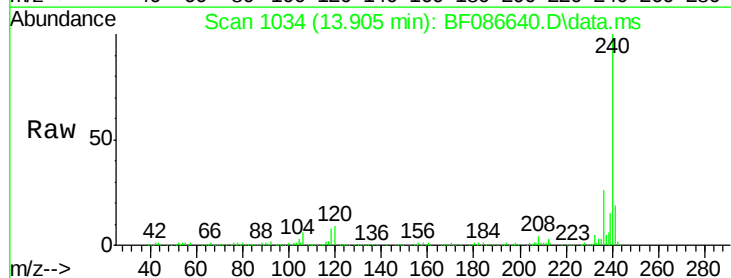
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-2

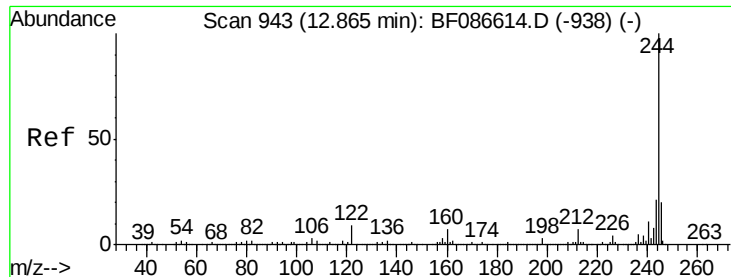
Tot Ion:248 Resp: 29441
Ion Ratio Lower Upper
248 100
250 198.2 78.6 117.8#
141 561.1 76.0 114.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.905 min Scan# 1034
Delta R.T. -0.057 min
Lab File: BF086640.D
Acq: 3 May 2016 12:58

Tgt Ion:240 Resp: 515976
Ion Ratio Lower Upper
240 100
120 8.7 11.2 16.8#
236 25.7 21.2 31.8





#78

Terphenyl-d14

Concen: 72.79 ng

RT: 12.865 min Scan# 94

Delta R.T. -0.046 min

Lab File: BF086640.D

Acq: 3 May 2016 12:58

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2

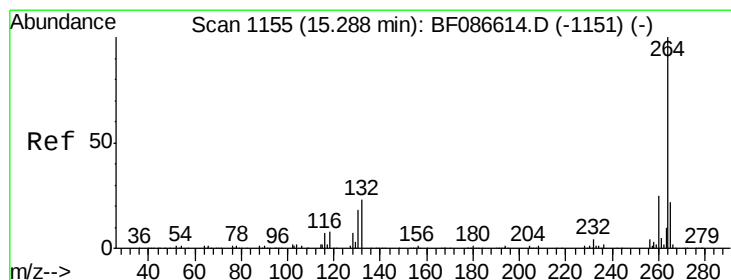
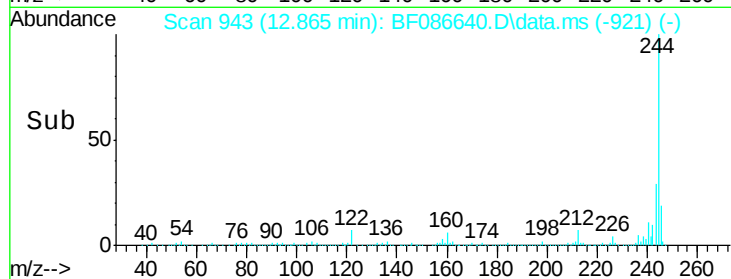
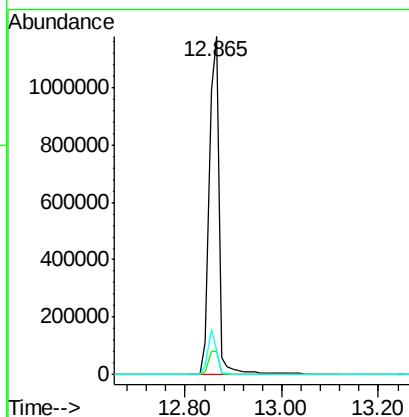
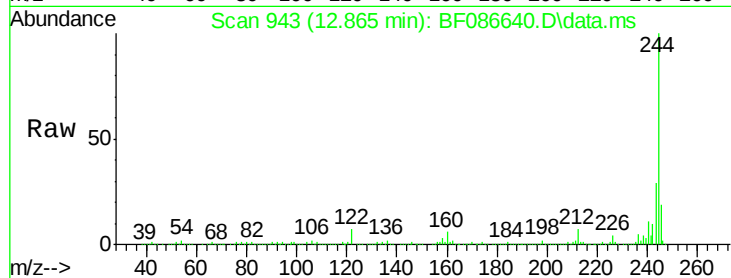
Tot Ion:244 Resp: 1704733

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

122 7.2 12.0 18.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.288 min Scan# 1155

Delta R.T. -0.069 min

Lab File: BF086640.D

Acq: 3 May 2016 12:58

Tgt Ion:264 Resp: 378020

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 22.3 17.3 25.9

