

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097483.D
 Acq On : 8 Aug 2017 22:08
 Operator : SJ/JU
 Sample : I4560-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-STOCKPILE-COMP

Quant Time: Aug 09 01:02:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

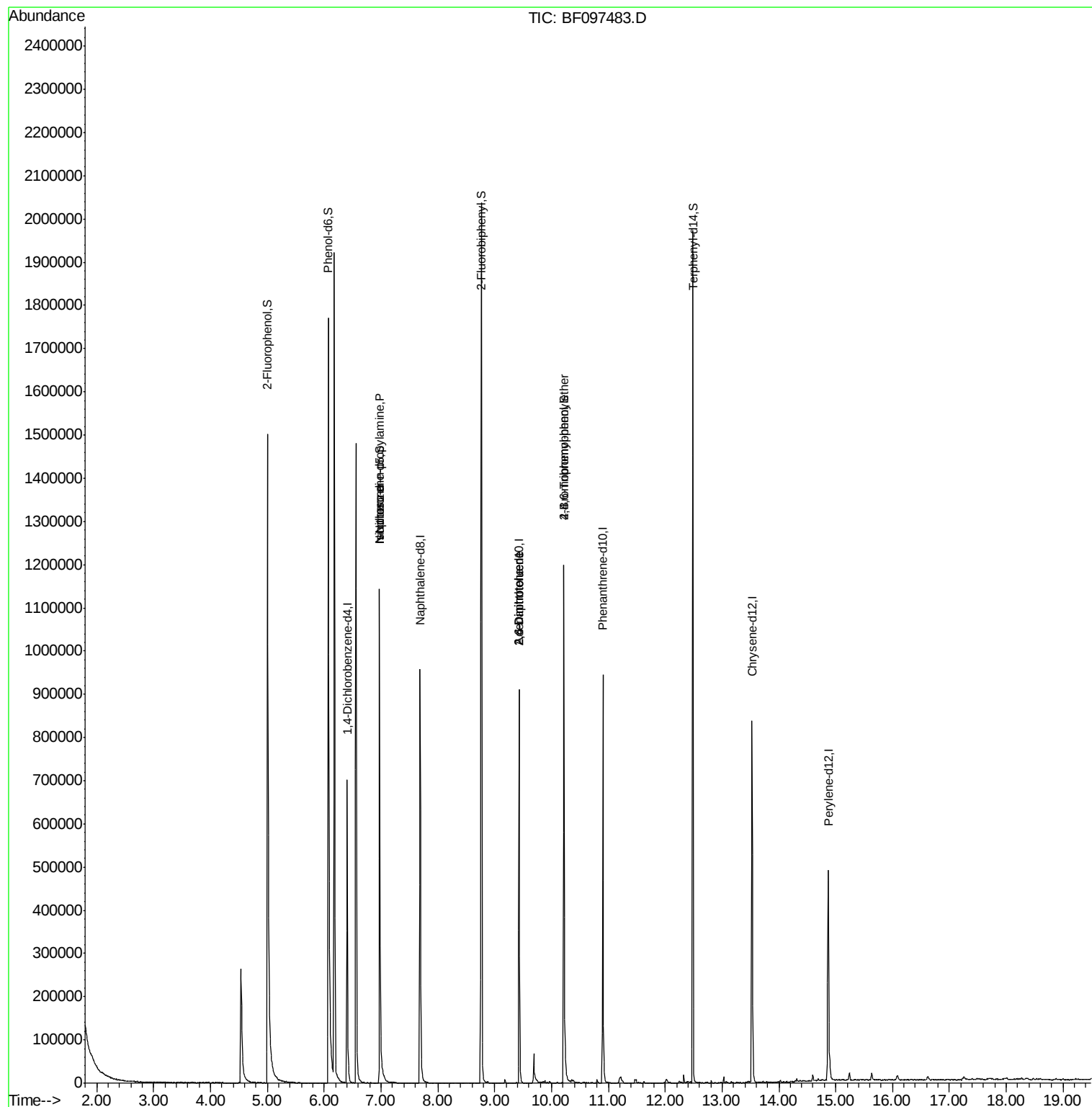
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	107582	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	462490	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	194377	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	339763	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	293784	20.00	ng	-0.01
86) Perylene-d12	14.87	264	226761	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	602444	84.42	ng	0.00
7) Phenol-d6	6.07	99	684038	83.96	ng	-0.01
23) Nitrobenzene-d5	6.97	82	402588	51.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	148525	96.71	ng	-0.01
44) 2-Fluorobiphenyl	8.76	172	703764	61.45	ng	-0.01
78) Terphenyl-d14	12.49	244	623251	43.25	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.97	70	52771	9.84	ng	# 87
25) Isophorone	6.97	82	402586	26.08	ng	# 67
50) 2,6-Dinitrotoluene	9.43	165	24943	7.97	ng	# 32
56) 2,4-Dinitrotoluene	9.43	165	24943	6.93	ng	# 32
66) 4-Bromophenyl-phenylether	10.22	248	9111	2.69	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: 6.40 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF097483.D

Acq: 8 Aug 2017 22:08

Instrument :

BNA_F

ClientSampleId :

S-STOCKPILE-COMP

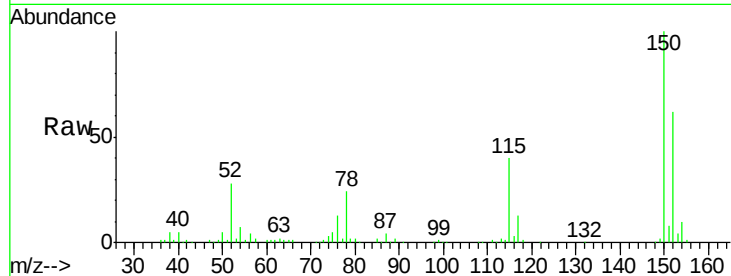
Tot Ion:152 Resp: 107582

Ion Ratio Lower Upper

152 100

150 160.7 126.2 189.2

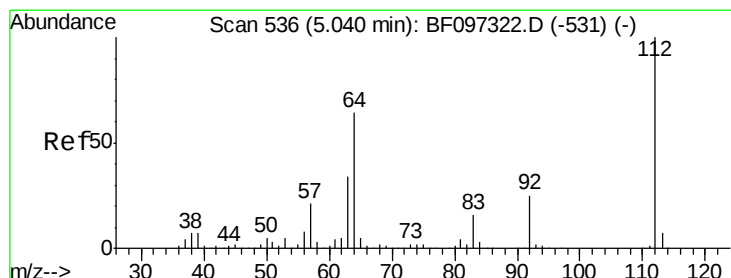
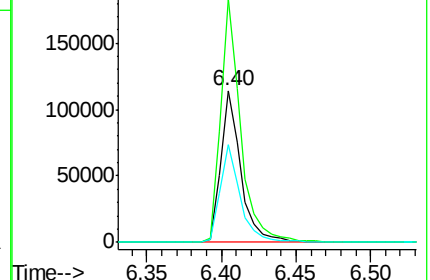
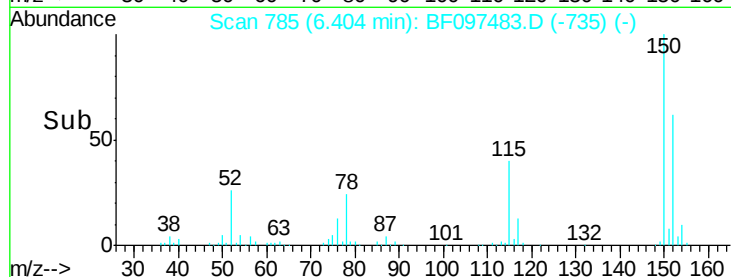
115 64.9 52.2 78.2



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: 84.42 ng

RT: 5.00 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF097483.D

Acq: 8 Aug 2017 22:08

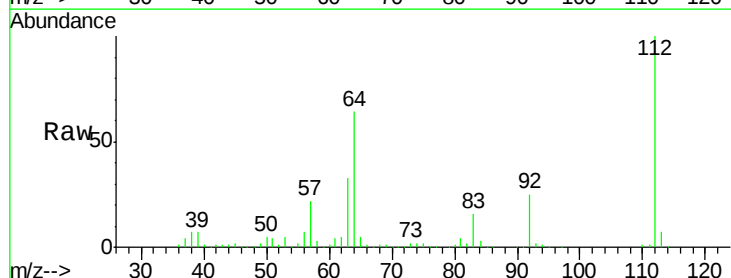
Tgt Ion:112 Resp: 602444

Ion Ratio Lower Upper

112 100

64 64.4 46.0 69.0

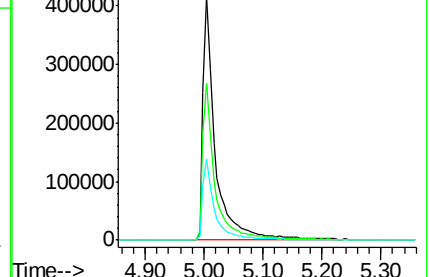
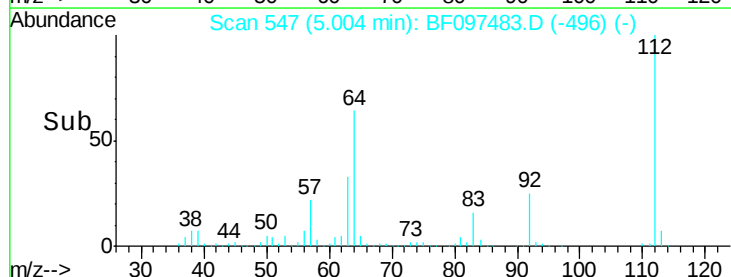
63 33.1 23.4 35.0

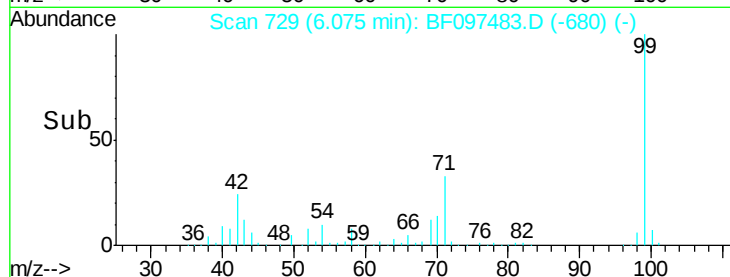
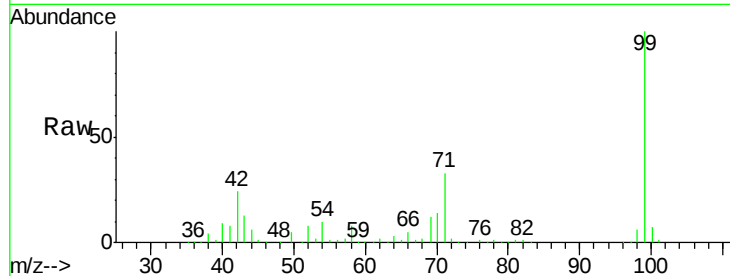


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 83.96 ng

RT: 6.07 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097483.D

Acq: 8 Aug 2017 22:08

Instrument :

BNA_F

ClientSampleId :

S-STOCKPILE-COMP

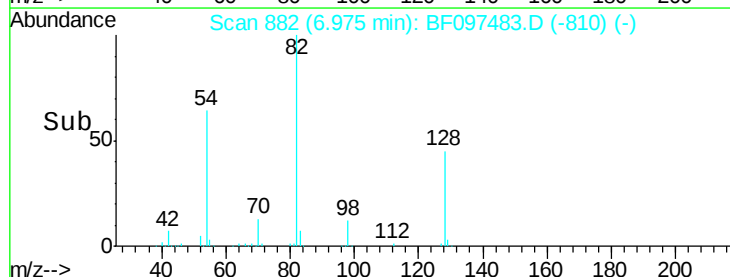
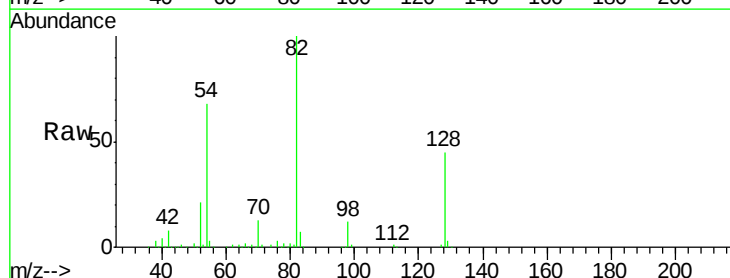
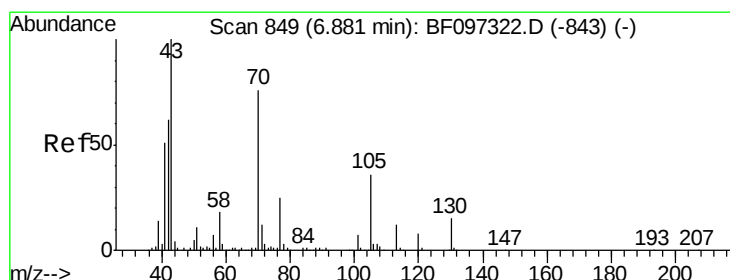
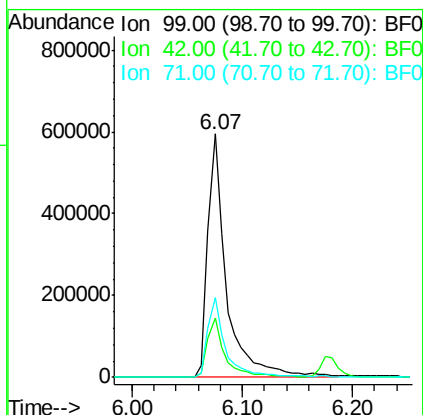
Tot Ion: 99 Resp: 684038

Ion Ratio Lower Upper

99 100

42 24.1 13.5 20.3#

71 32.7 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 9.84 ng

RT: 6.97 min Scan# 882

Delta R.T. 0.12 min

Lab File: BF097483.D

Acq: 8 Aug 2017 22:08

Tgt Ion: 70 Resp: 52771

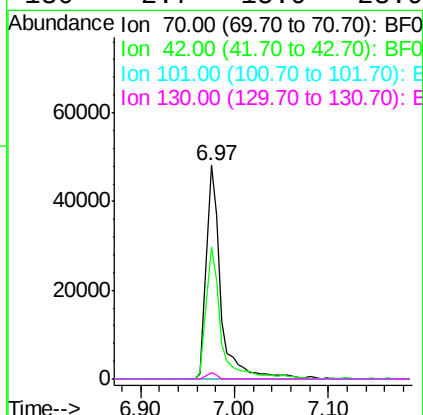
Ion Ratio Lower Upper

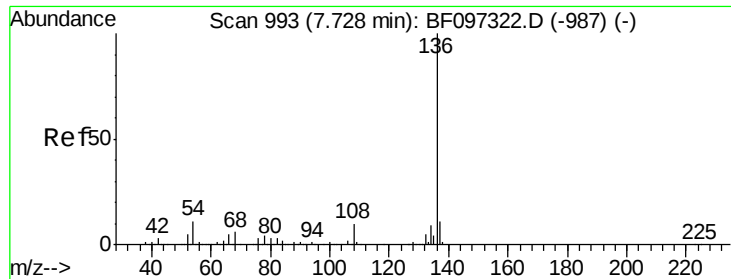
70 100

42 61.6 47.2 70.8

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

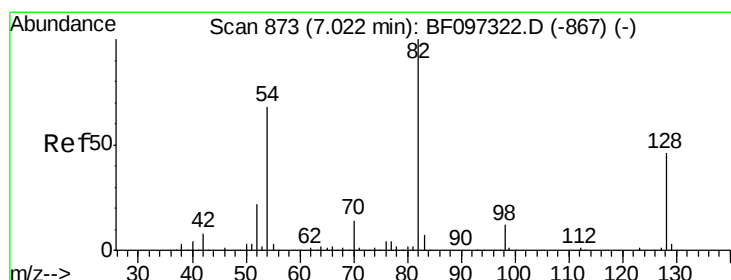
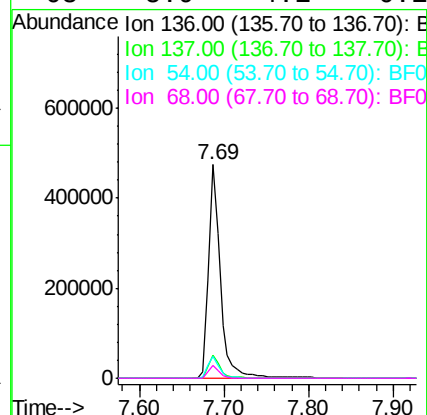
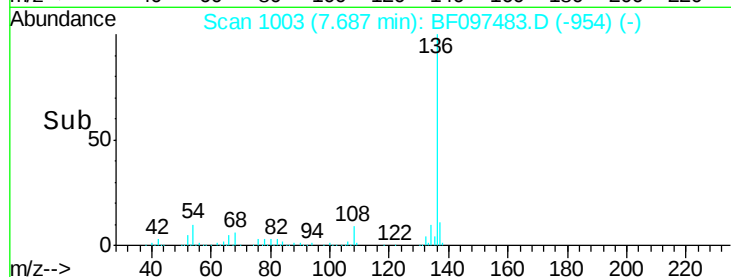
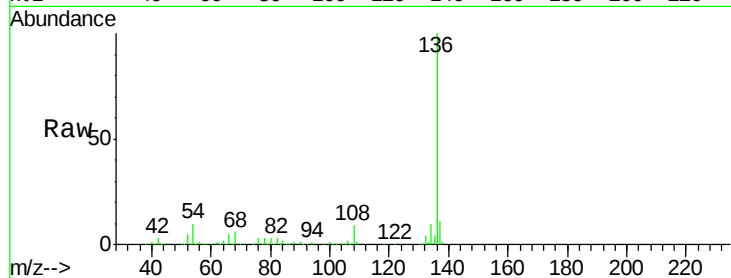




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.69 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF097483.D
Acq: 8 Aug 2017 22:08

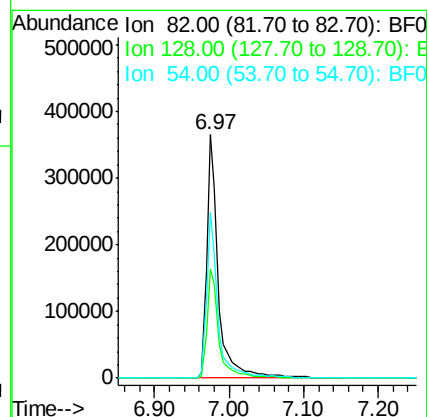
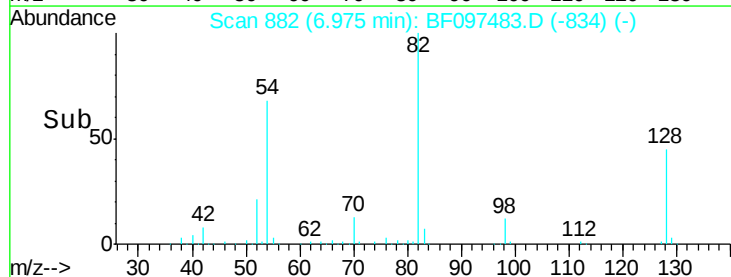
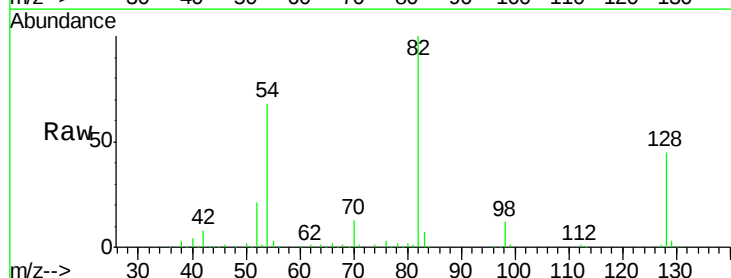
Instrument :
BNA_F
ClientSampleId :
S-STOCKPILE-COMP

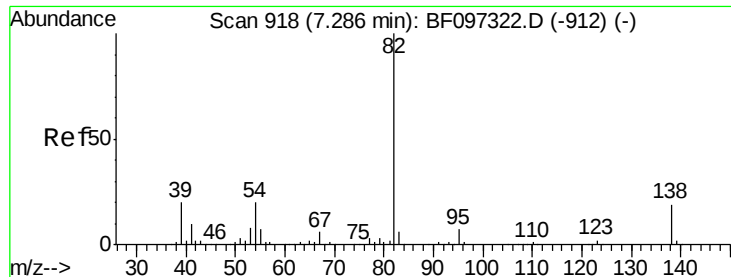
Tot Ion:	136	Resp:	462490
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.3	4.9	7.3#
68	5.9	4.1	6.1



#23
Nitrobenzene-d5
Concen: 51.07 ng
RT: 6.97 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF097483.D
Acq: 8 Aug 2017 22:08

Tgt Ion:	82	Resp:	402588
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.0	51.0
54	68.0	42.2	63.2#





#25

Isophorone

Concen: 26.08 ng

RT: 6.97 min Scan# 882

Delta R.T. -0.28 min

Lab File: BF097483.D

Acq: 8 Aug 2017 22:08

Instrument :

BNA_F

ClientSampleId :

S-STOCKPILE-COMP

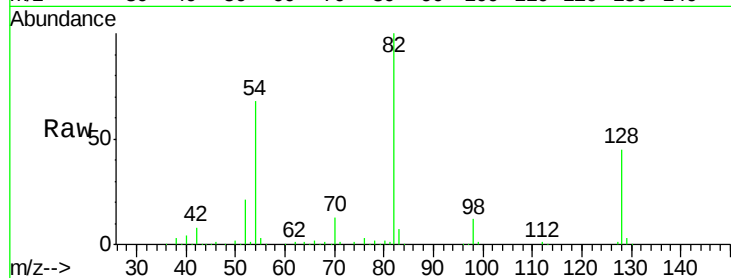
Tot Ion: 82 Resp: 402586

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#

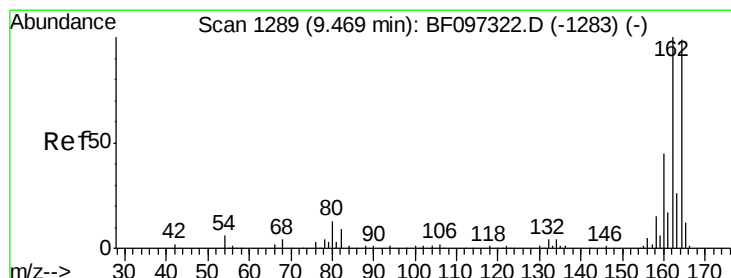
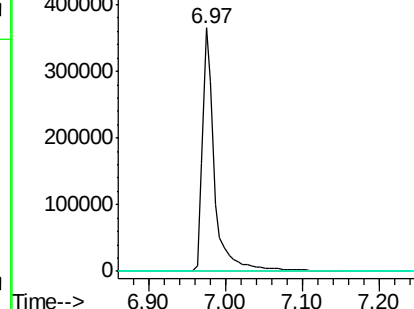
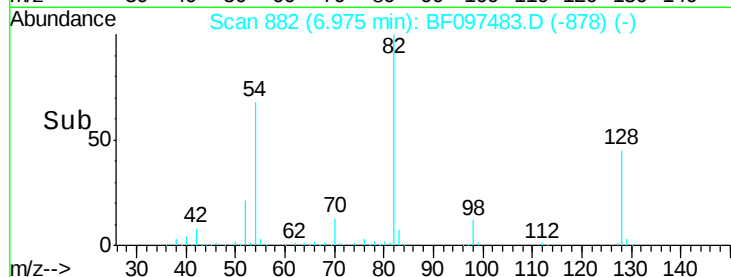


Abundance Ion 82.00 (81.70 to 82.70): BF097483.D (-882) (-)

Ion 95.00 (94.70 to 95.70): BF097483.D (-882) (-)

Ion 138.00 (137.70 to 138.70): BF097483.D (-882) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.43 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF097483.D

Acq: 8 Aug 2017 22:08

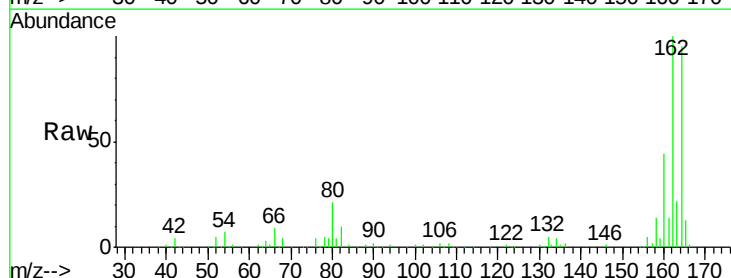
Tgt Ion:164 Resp: 194377

Ion Ratio Lower Upper

164 100

162 105.1 82.6 123.8

160 46.3 36.2 54.2

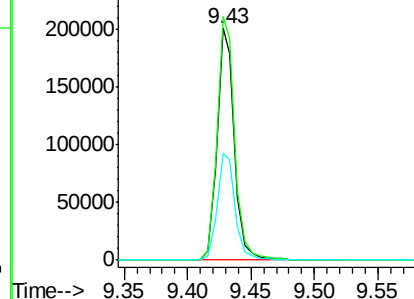
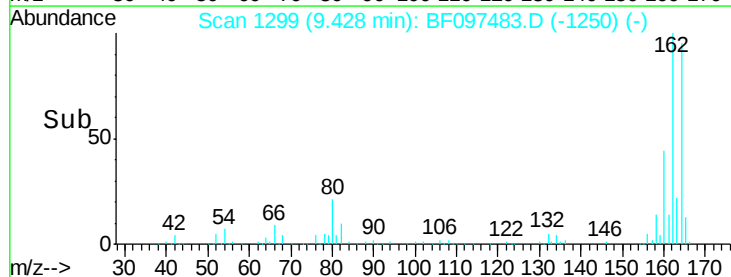


Abundance Ion 164.00 (163.70 to 164.70): BF097483.D (-1299) (-)

Ion 162.00 (161.70 to 162.70): BF097483.D (-1299) (-)

Ion 160.00 (159.70 to 160.70): BF097483.D (-1299) (-)

Time-->

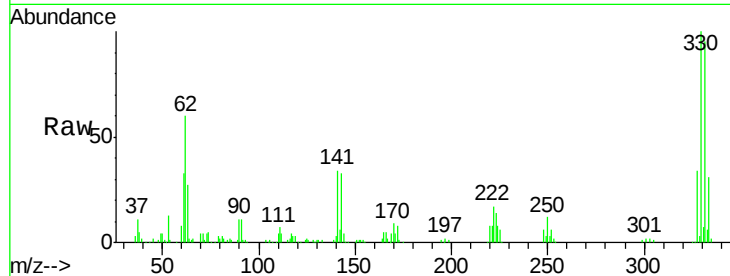




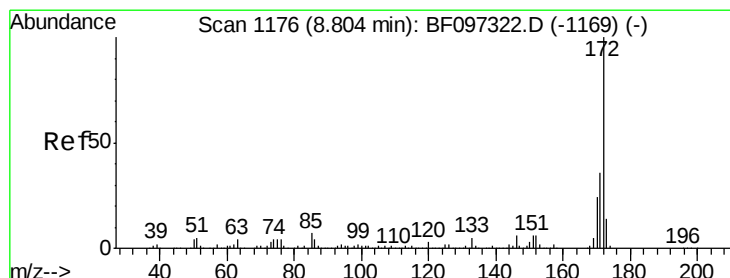
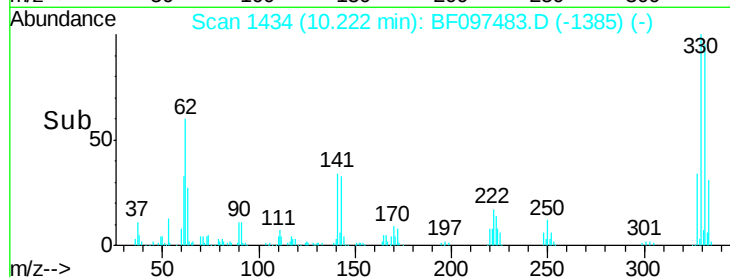
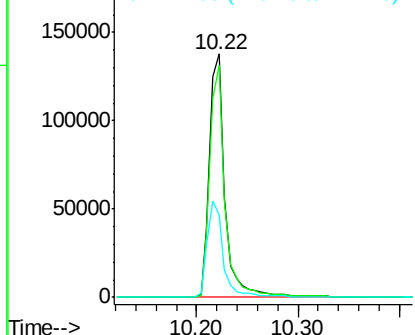
#41
 2,4,6-Tribromophenol
 Concen: 96.71 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097483.D
 Acq: 8 Aug 2017 22:08

Instrument :
 BNA_F
 ClientSampleId :
 S-STOCKPILE-COMP

Tot Ion:330 Resp: 148525
 Ion Ratio Lower Upper
 330 100
 332 93.6 76.6 115.0
 141 40.5 31.4 47.2

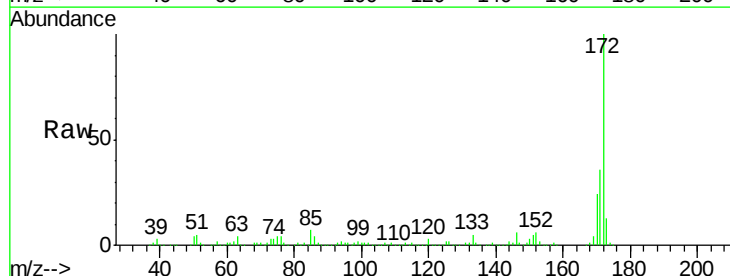


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

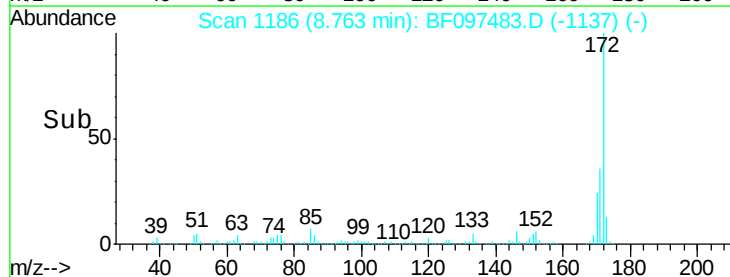
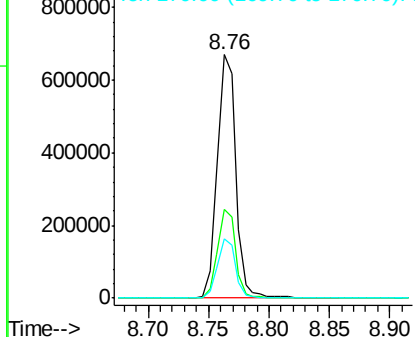


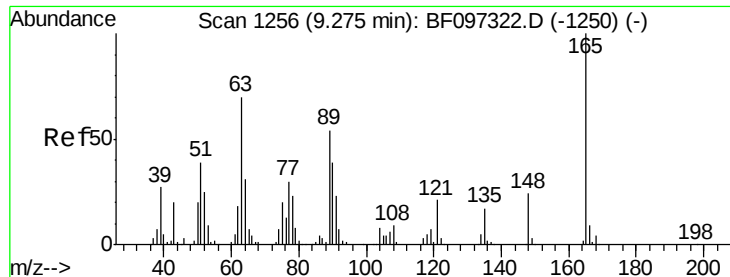
#44
 2-Fluorobiphenyl
 Concen: 61.45 ng
 RT: 8.76 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097483.D
 Acq: 8 Aug 2017 22:08

Tgt Ion:172 Resp: 703764
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.2 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

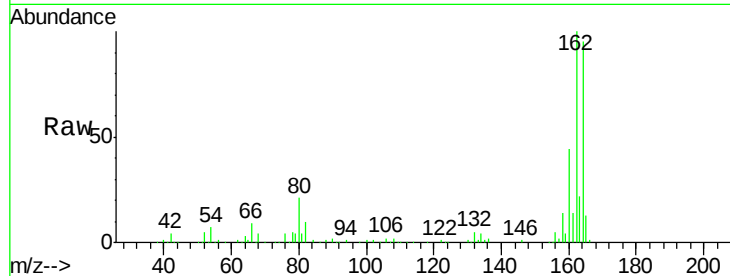




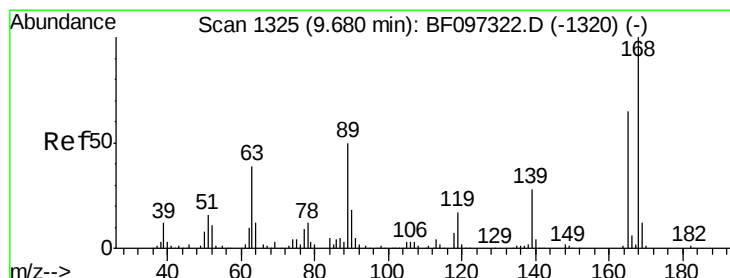
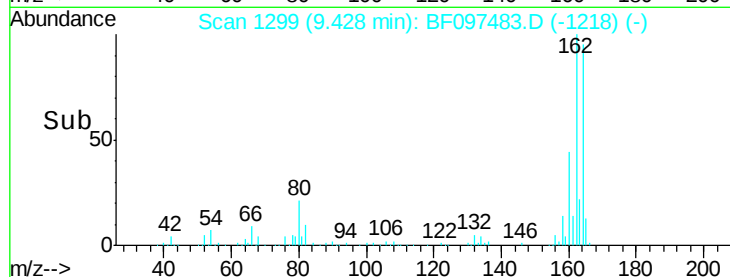
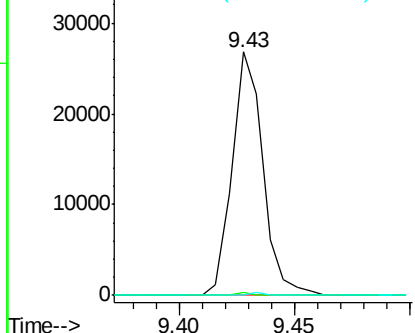
#50
 2,6-Dinitrotoluene
 Concen: 7.97 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. 0.18 min
 Lab File: BF097483.D
 Acq: 8 Aug 2017 22:08

Instrument :
 BNA_F
 ClientSampleId :
 S-STOCKPILE-COMP

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.3	51.5#
89	0.0	37.1	55.7#



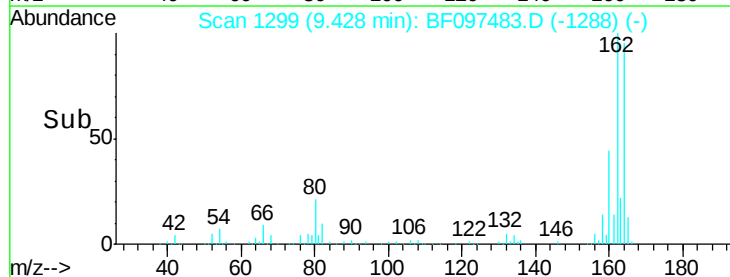
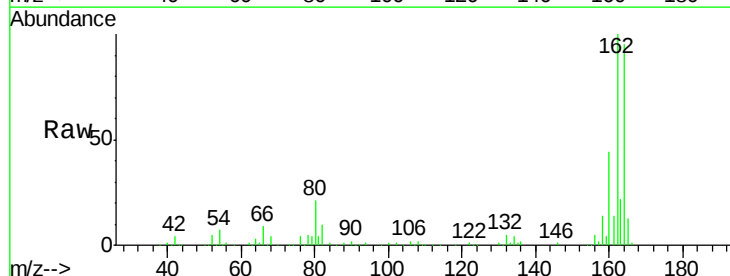
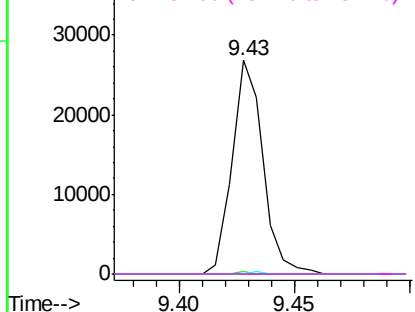
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

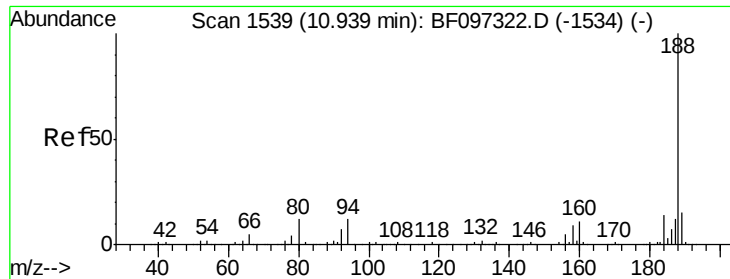


#56
 2,4-Dinitrotoluene
 Concen: 6.93 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. -0.24 min
 Lab File: BF097483.D
 Acq: 8 Aug 2017 22:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	0.0	46.4	69.6#
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

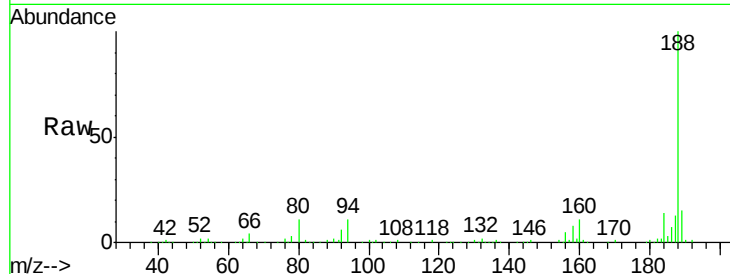




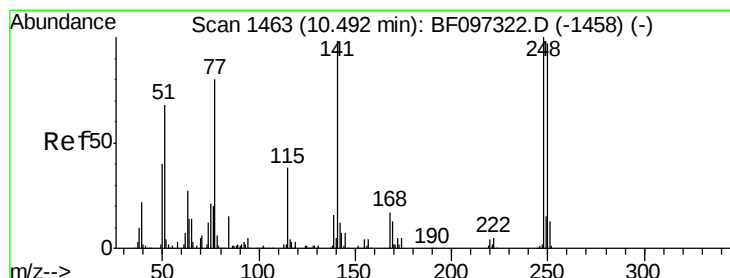
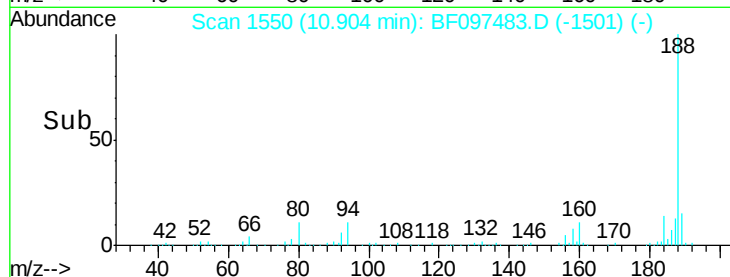
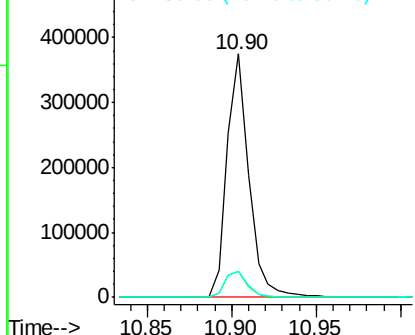
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097483.D
Acq: 8 Aug 2017 22:08

Instrument :
BNA_F
ClientSampleId :
S-STOCKPILE-COMP

Tot Ion:188 Resp: 339763
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 10.8 10.2 15.2

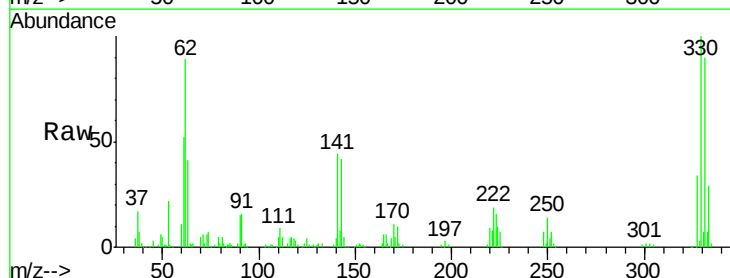


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

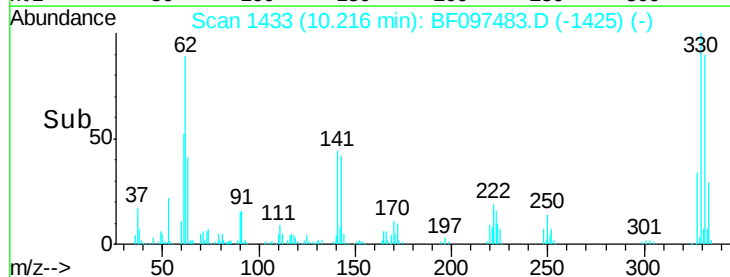
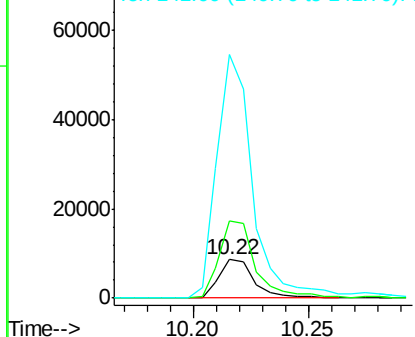


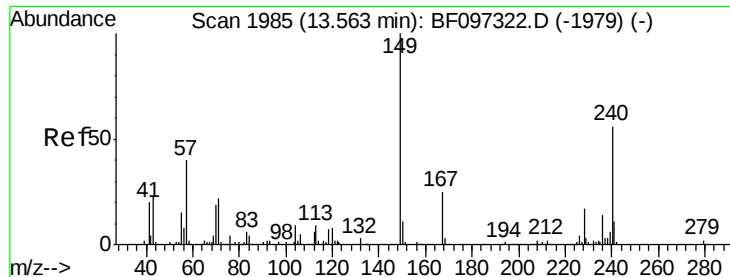
#66
4-Bromophenyl-phenylether
Concen: 2.69 ng
RT: 10.22 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF097483.D
Acq: 8 Aug 2017 22:08

Tgt Ion:248 Resp: 9111
Ion Ratio Lower Upper
248 100
250 201.0 76.8 115.2#
141 635.7 68.6 103.0#



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: 13.53 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF097483.D

Acq: 8 Aug 2017 22:08

Instrument :

BNA_F

ClientSampleId :

S-STOCKPILE-COMP

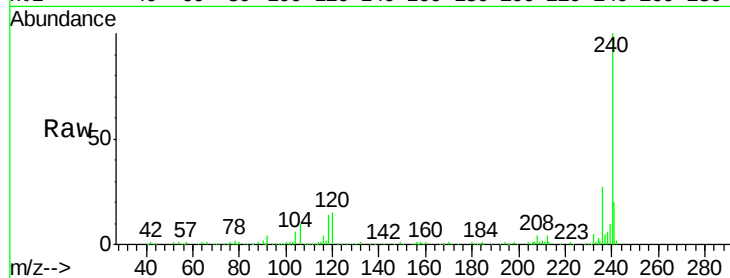
Tot Ion:240 Resp: 293784

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

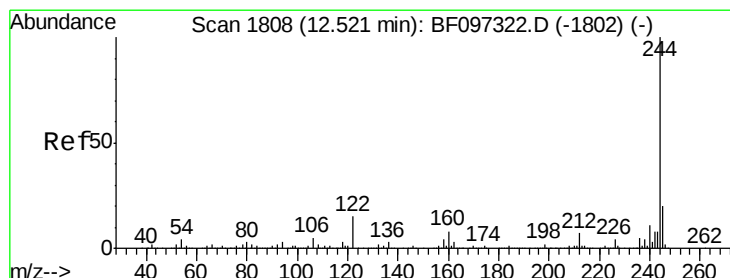
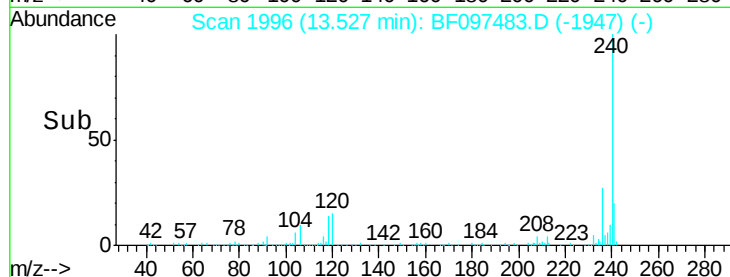
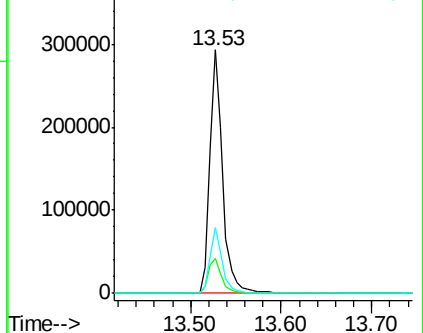
236 26.8 20.5 30.7



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: 43.25 ng

RT: 12.49 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF097483.D

Acq: 8 Aug 2017 22:08

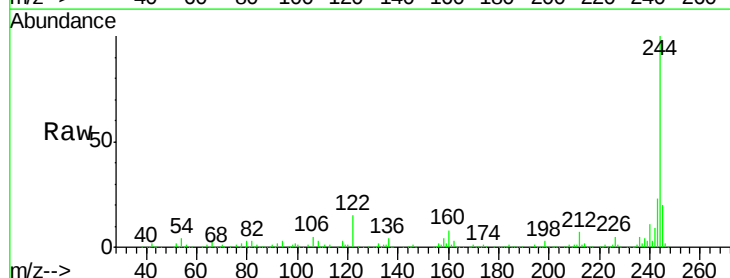
Tgt Ion:244 Resp: 623251

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

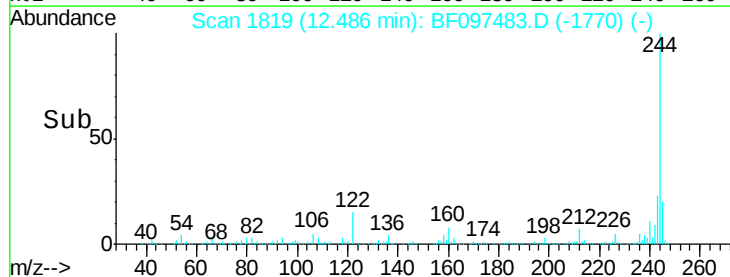
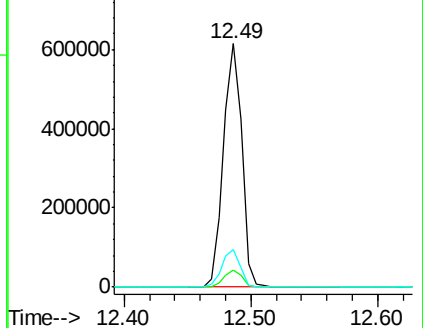
122 15.4 10.3 15.5

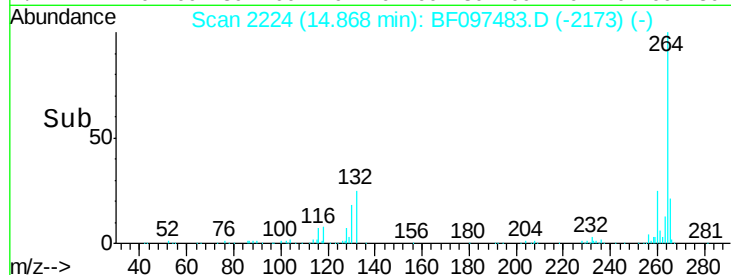
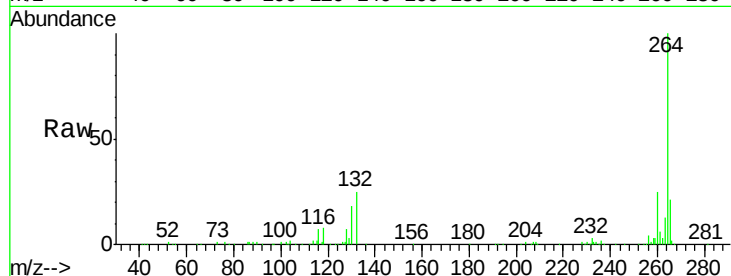
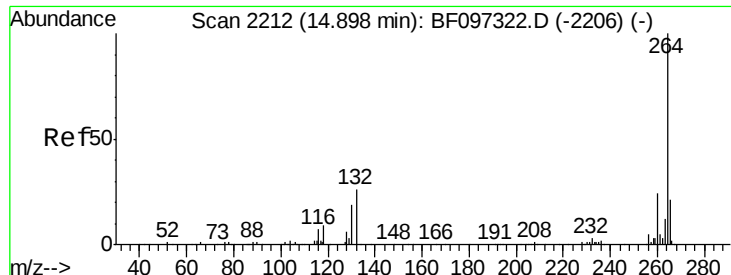


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.87 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF097483.D
Acq: 8 Aug 2017 22:08

Instrument :
BNA_F
ClientSampleId :
S-STOCKPILE-COMP

Tot Ion:	264	Resp:	226761
Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.5	29.3
265	21.0	17.2	25.8

