

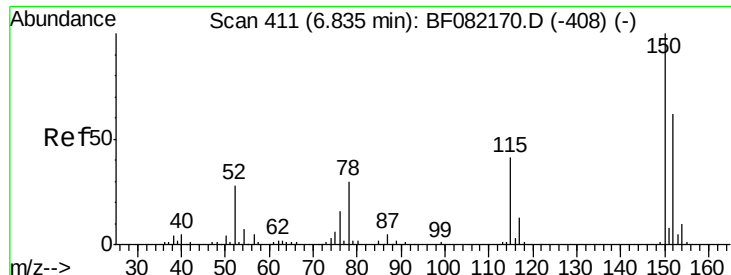
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
 Data File : BF082325.D
 Acq On : 16 Oct 2015 14:51
 Operator : UM/IZ
 Sample : G3993-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE

Quant Time: Oct 17 01:12:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 17 01:08:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	186608	20.00	ng	0.18
21) Naphthalene-d8	8.15	136	222252	20.00	ng	0.02
38) Acenaphthene-d10	9.91	164	110163	20.00	ng	0.02
63) Phenanthrene-d10	11.39	188	246469	20.00	ng	0.02
75) Chrysene-d12	14.13	240	286147	20.00	ng	0.06
86) Perylene-d12	15.74	264	250552	20.00	ng	0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	337459	36.50	ng	0.05
7) Phenol-d6	6.51	99	391963	32.58	ng	0.03
23) Nitrobenzene-d5	7.43	82	302941	91.54	ng	0.01
41) 2,4,6-Tribromophenol	10.70	330	165186	159.89	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	618376	93.09	ng	0.01
78) Terphenyl-d14	12.99	244	712451	65.98	ng	0.03
Target Compounds						
15) Benzyl Alcohol	7.03	79	121091	14.58	ng	Qvalue 93
17) 2-Methylphenol	7.29	107	72291	8.10	ng	# 66
19) n-Nitroso-di-n-propylamine	7.43	70	39786	4.71	ng	# 81
20) 3+4-Methylphenols	7.29	107	72291	6.80	ng	# 50
25) Isophorone	7.43	82	290512	43.49	ng	# 66
27) 2,4-Dimethylphenol	7.92	122	37736	13.09	ng	# 5
32) Benzoic acid	7.92	122	38262	19.78	ng	96
49) Dimethylphthalate	9.62	163	61976	7.99	ng	99
56) 2,4-Dinitrotoluene	9.91	165	13705	6.70	ng	# 21
59) Diethylphthalate	10.32	149	17489	2.42	ng	97
66) 4-Bromophenyl-phenylether	10.70	248	11289	4.58	ng	# 1

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

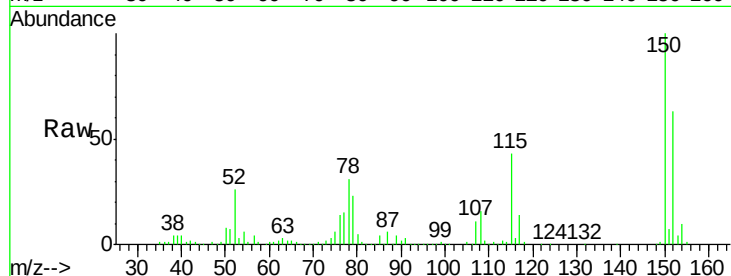


#1

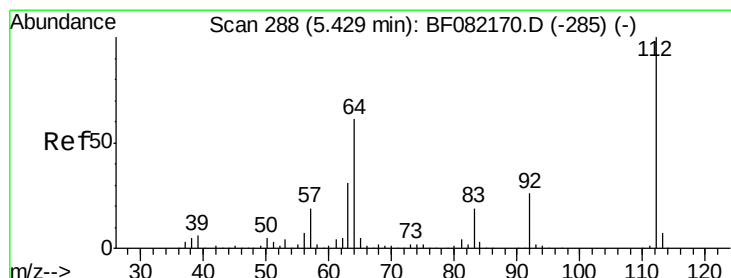
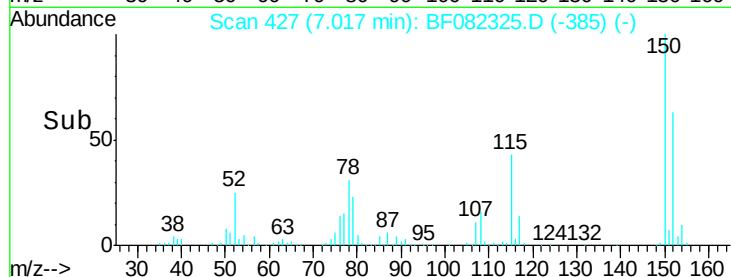
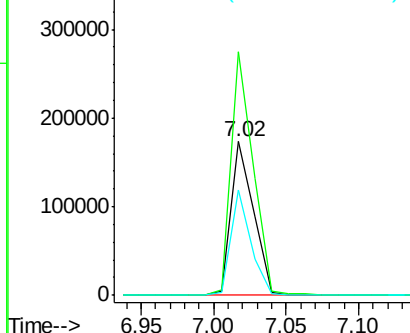
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.02 min Scan# 427
 Delta R.T. 0.18 min
 Lab File: BF082325.D
 Acq: 16 Oct 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	129.0	193.4
115	68.6	52.1	78.1



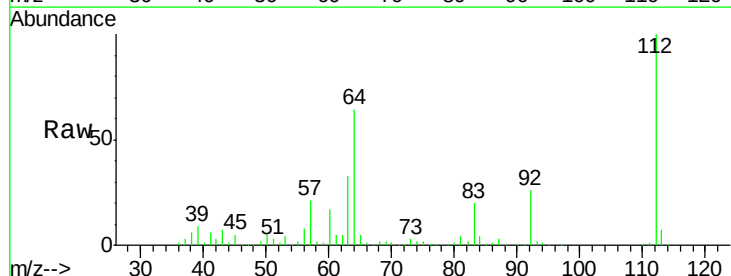
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



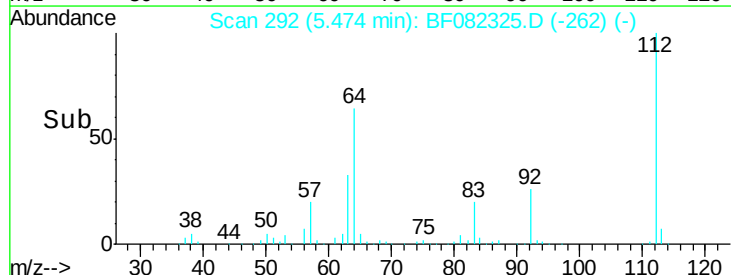
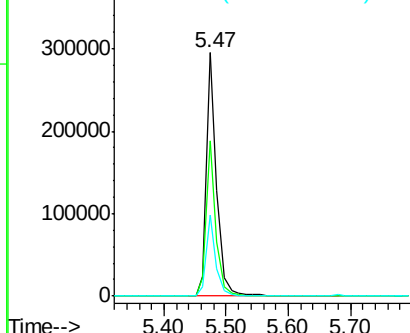
#5

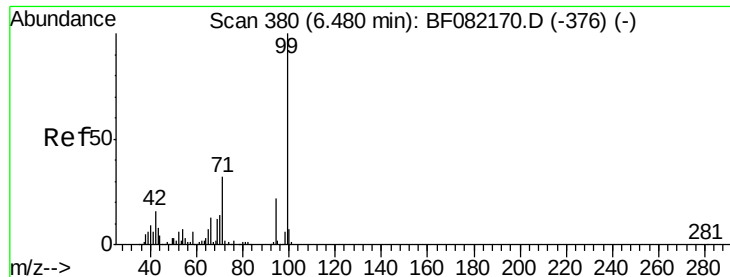
2-Fluorophenol
 Concen: 36.50 ng
 RT: 5.47 min Scan# 292
 Delta R.T. 0.05 min
 Lab File: BF082325.D
 Acq: 16 Oct 2015 14:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	48.6	73.0
63	33.1	25.1	37.7



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: 32.58 ng

RT: 6.51 min Scan# 383

Delta R.T. 0.03 min

Lab File: BF082325.D

Acq: 16 Oct 2015 14:51

Instrument :

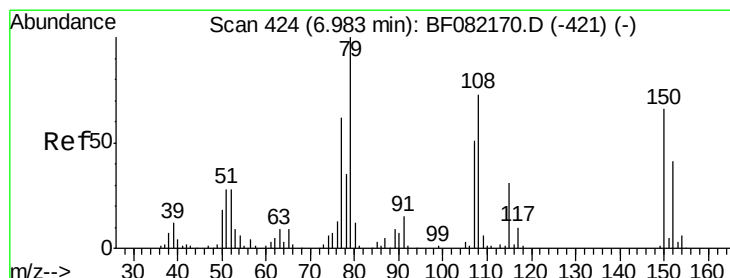
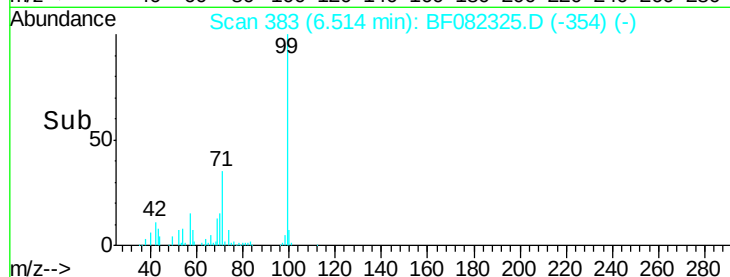
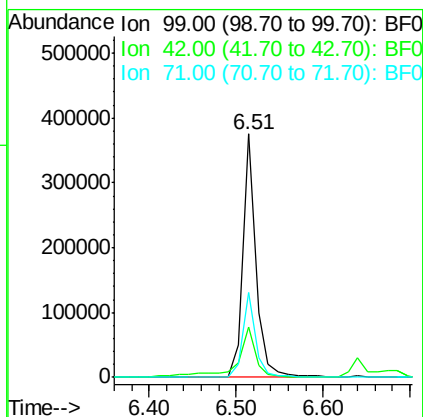
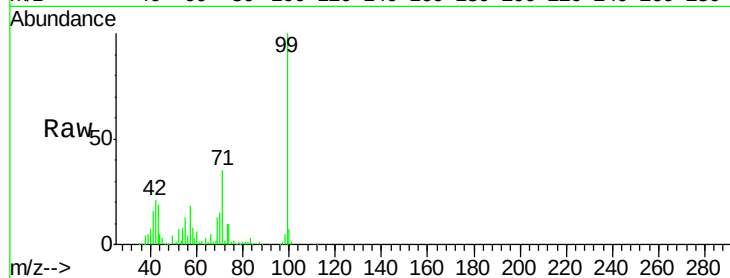
BNA_F

ClientSampleId :

STOCKPILE

Tot Ion: 99 Resp: 391963

Ion	Ratio	Lower	Upper
99	100		
42	20.9	13.2	19.8#
71	34.8	25.6	38.4



#15

Benzyl Alcohol

Concen: 14.58 ng

RT: 7.03 min Scan# 428

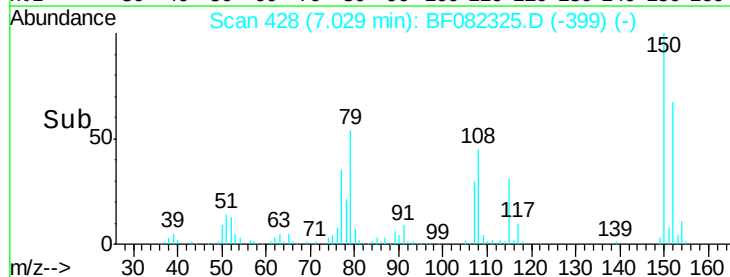
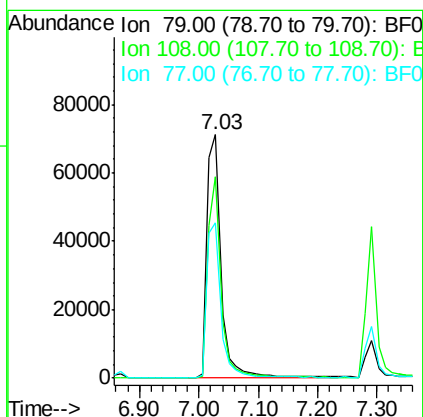
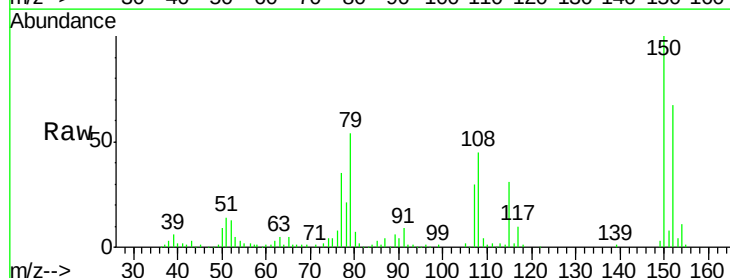
Delta R.T. 0.03 min

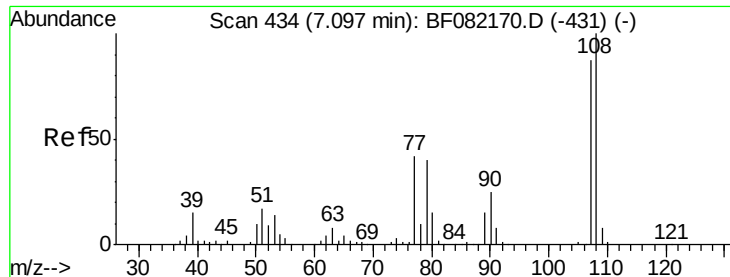
Lab File: BF082325.D

Acq: 16 Oct 2015 14:51

Tgt Ion: 79 Resp: 121091

Ion	Ratio	Lower	Upper
79	100		
108	83.0	58.4	87.6
77	63.9	49.8	74.6





#17

2-Methylphenol

Concen: 8.10 ng

RT: 7.29 min Scan# 451

Delta R.T. 0.18 min

Lab File: BF082325.D

Acq: 16 Oct 2015 14:51

Instrument :

BNA_F

ClientSampleId :

STOCKPILE

Tot Ion:107 Resp: 72291

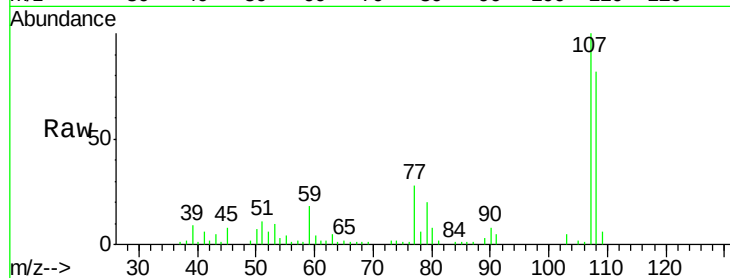
Ion Ratio Lower Upper

107 100

108 81.6 92.2 138.2#

77 27.7 39.6 59.4#

79 20.0 38.2 57.4#

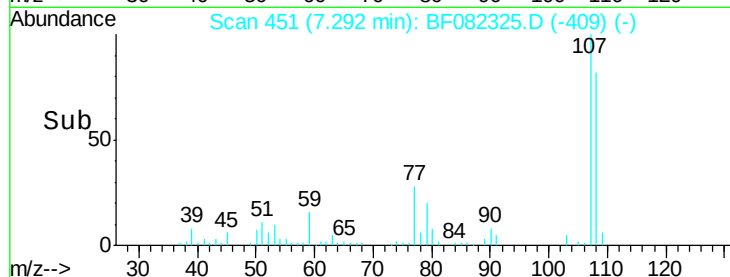


Abundance Ion 107.00 (106.70 to 107.70): E

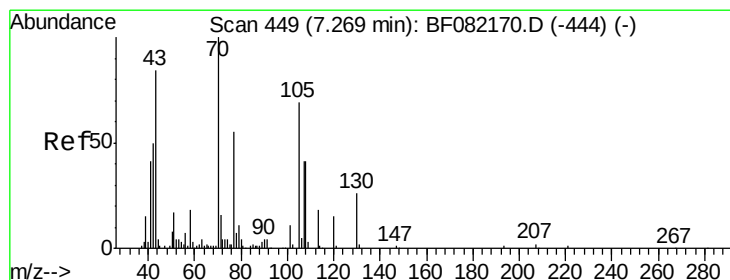
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 4.71 ng

RT: 7.43 min Scan# 463

Delta R.T. 0.17 min

Lab File: BF082325.D

Acq: 16 Oct 2015 14:51

Tgt Ion: 70 Resp: 39786

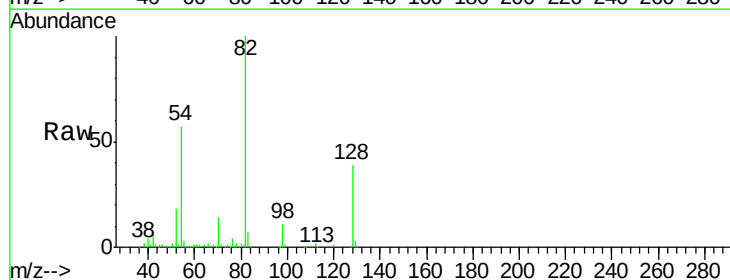
Ion Ratio Lower Upper

70 100

42 51.9 39.8 59.8

101 0.0 8.6 13.0#

130 1.9 20.5 30.7#

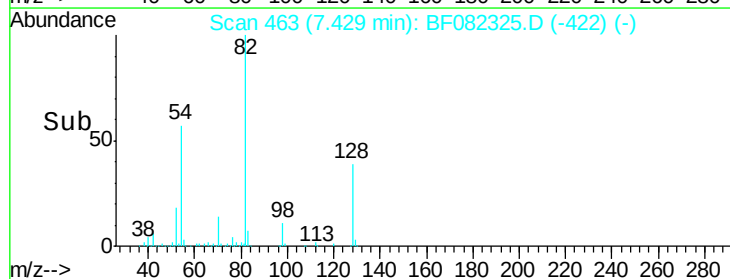


Abundance Ion 70.00 (69.70 to 70.70): BF0

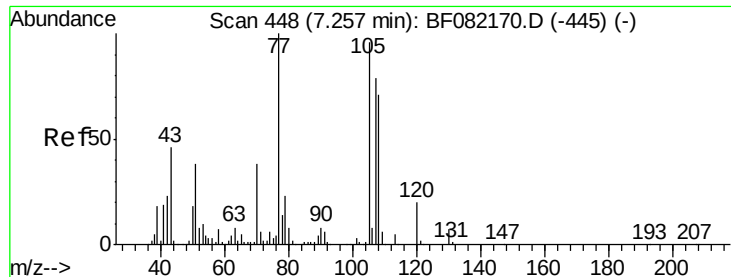
Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



Time-->



#20

3+4-Methylphenols

Concen: 6.80 ng

RT: 7.29 min Scan# 451

Delta R.T. 0.02 min

Lab File: BF082325.D

Acq: 16 Oct 2015 14:51

Instrument :

BNA_F

ClientSampleId :

STOCKPILE

Tot Ion:107 Resp: 72291

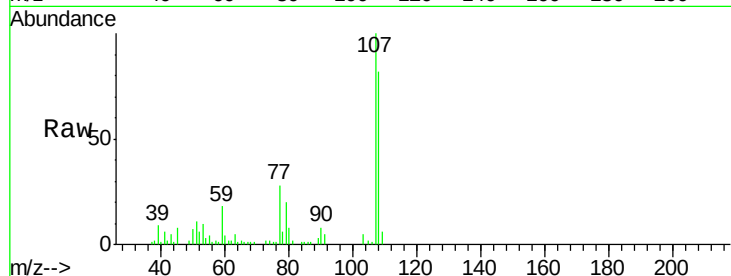
Ion Ratio Lower Upper

107 100

108 81.6 69.9 109.9

77 27.7 106.0 146.0#

79 20.0 9.8 49.8

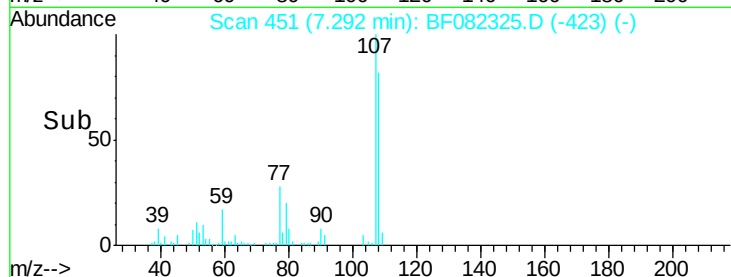


Abundance Ion 107.00 (106.70 to 107.70): E

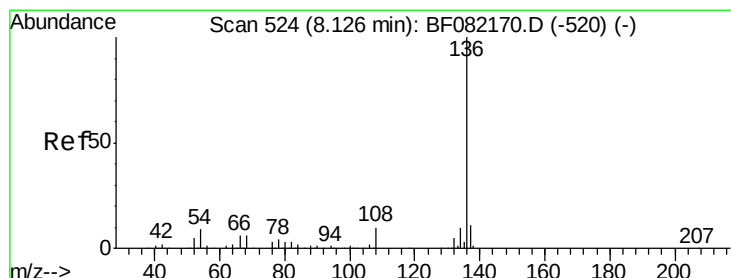
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 526

Delta R.T. 0.02 min

Lab File: BF082325.D

Acq: 16 Oct 2015 14:51

Tgt Ion:136 Resp: 222252

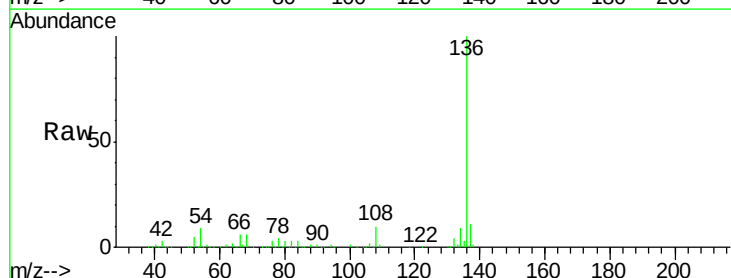
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 9.0 7.5 11.3

68 5.8 4.6 7.0

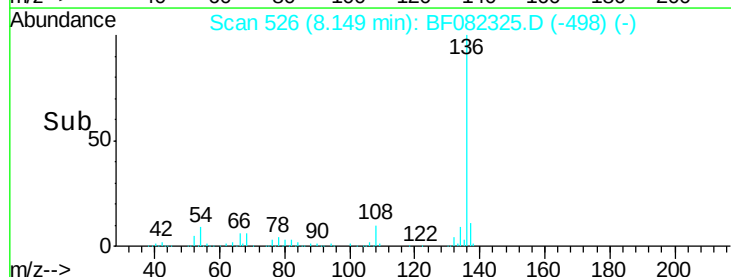


Abundance Ion 136.00 (135.70 to 136.70): E

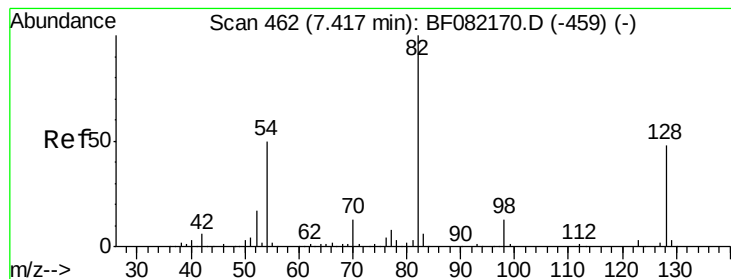
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 91.54 ng

RT: 7.43 min Scan# 463

Delta R.T. 0.01 min

Lab File: BF082325.D

Acq: 16 Oct 2015 14:51

Instrument :

BNA_F

ClientSampleId :

STOCKPILE

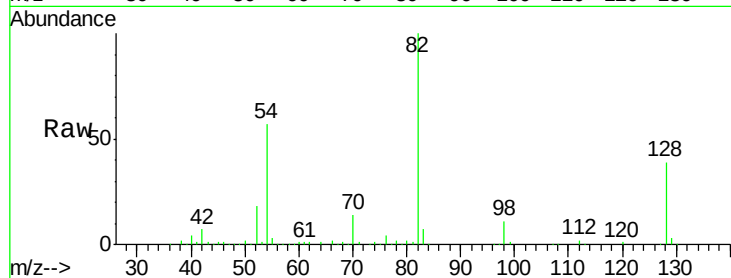
Tot Ion: 82 Resp: 302941

Ion Ratio Lower Upper

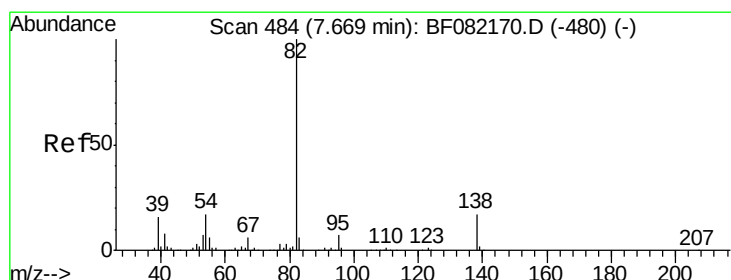
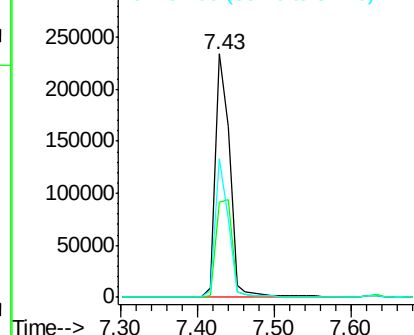
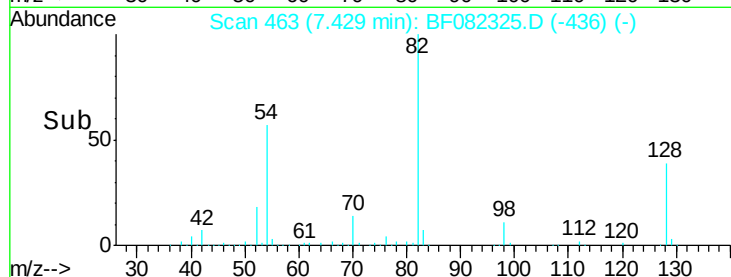
82 100

128 38.9 38.7 58.1

54 56.7 40.1 60.1



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 43.49 ng

RT: 7.43 min Scan# 463

Delta R.T. -0.24 min

Lab File: BF082325.D

Acq: 16 Oct 2015 14:51

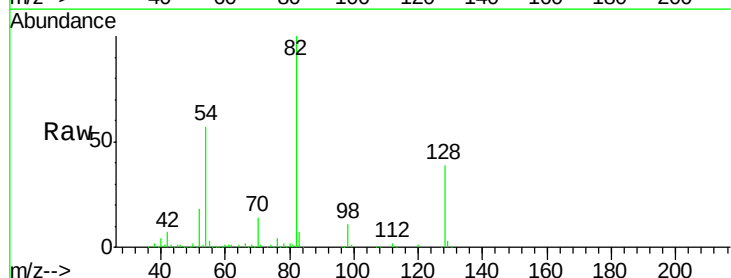
Tgt Ion: 82 Resp: 290512

Ion Ratio Lower Upper

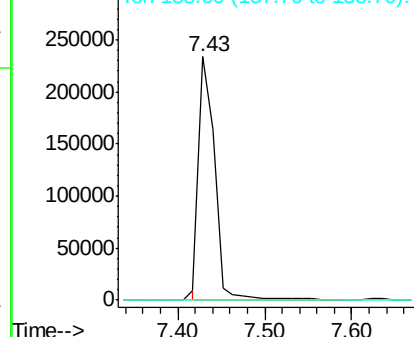
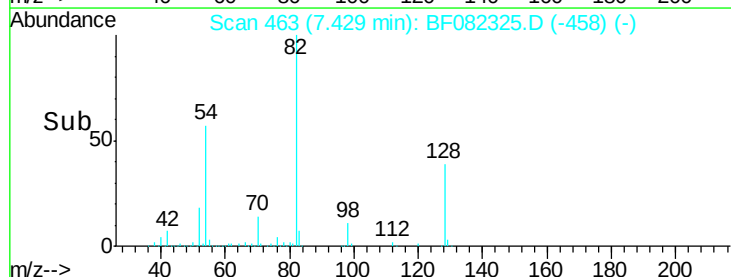
82 100

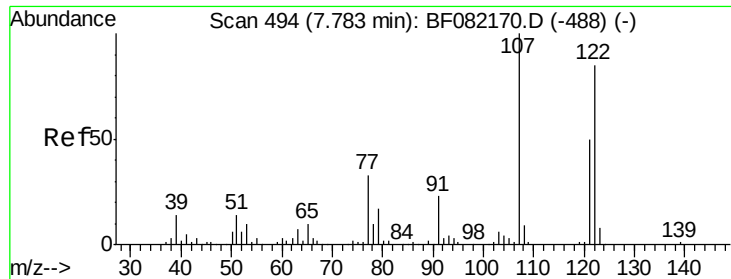
95 0.0 5.6 8.4#

138 0.0 13.6 20.4#



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





#27

2,4-Dimethylphenol

Concen: 13.09 ng

RT: 7.92 min Scan# 506

Delta R.T. 0.13 min

Lab File: BF082325.D

Acq: 16 Oct 2015 14:51

Instrument :

BNA_F

ClientSampleId :

STOCKPILE

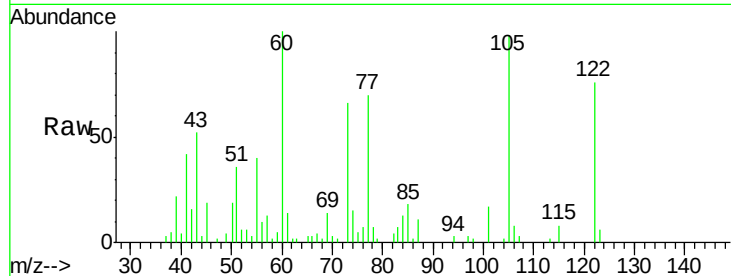
Tot Ion:122 Resp: 37736

Ion Ratio Lower Upper

122 100

107 3.4 94.0 141.0#

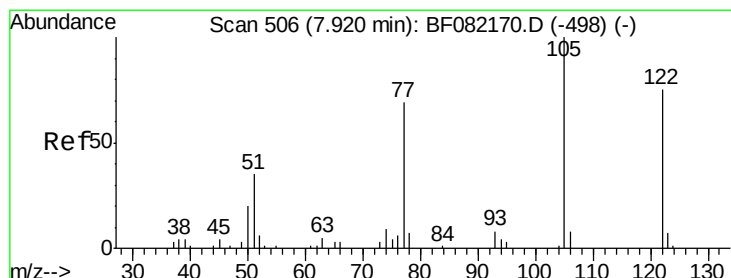
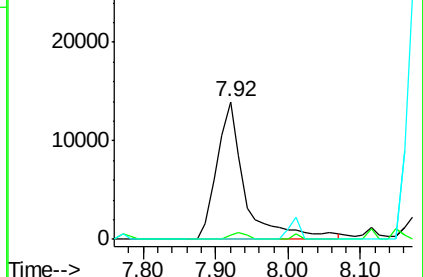
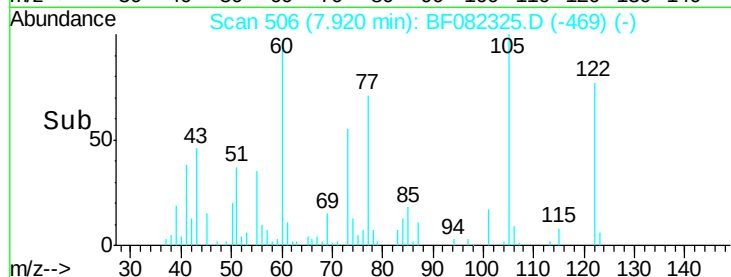
121 0.0 46.8 70.2#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#32

Benzoic acid

Concen: 19.78 ng

RT: 7.92 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF082325.D

Acq: 16 Oct 2015 14:51

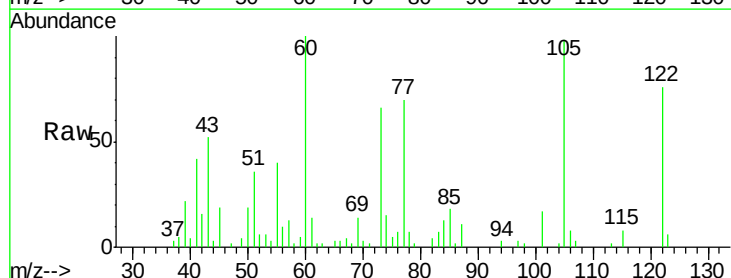
Tgt Ion:122 Resp: 38262

Ion Ratio Lower Upper

122 100

105 130.0 104.4 144.4

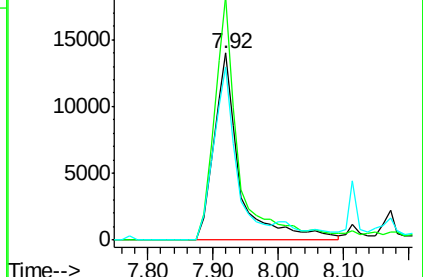
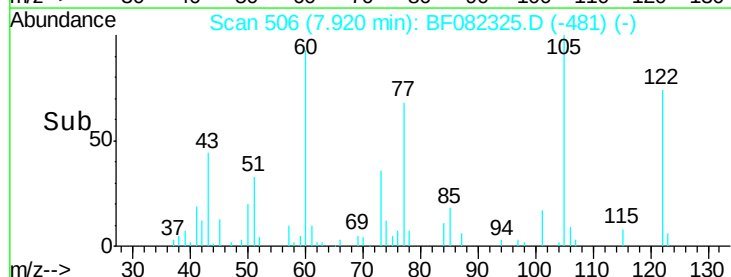
77 92.5 69.0 109.0

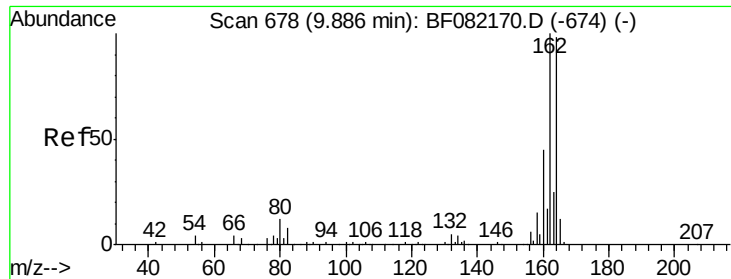


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 680

Delta R.T. 0.02 min

Lab File: BF082325.D

Acq: 16 Oct 2015 14:51

Instrument :

BNA_F

ClientSampleId :

STOCKPILE

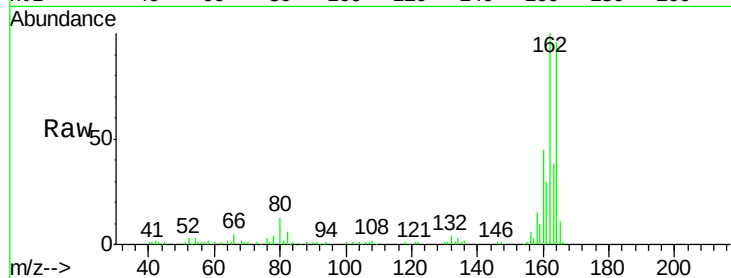
Tot Ion:164 Resp: 110163

Ion Ratio Lower Upper

164 100

162 104.0 81.6 122.4

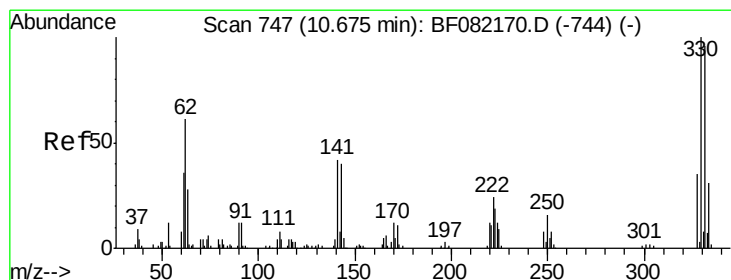
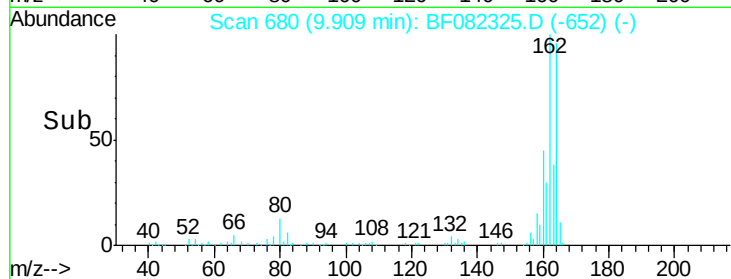
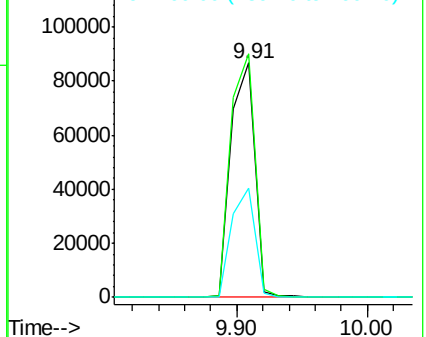
160 46.8 36.4 54.6



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: 159.89 ng

RT: 10.70 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF082325.D

Acq: 16 Oct 2015 14:51

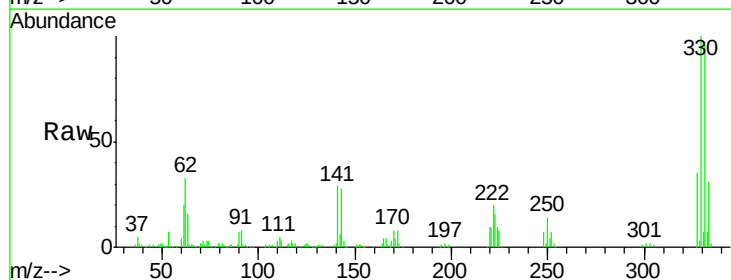
Tgt Ion:330 Resp: 165186

Ion Ratio Lower Upper

330 100

332 95.6 77.1 115.7

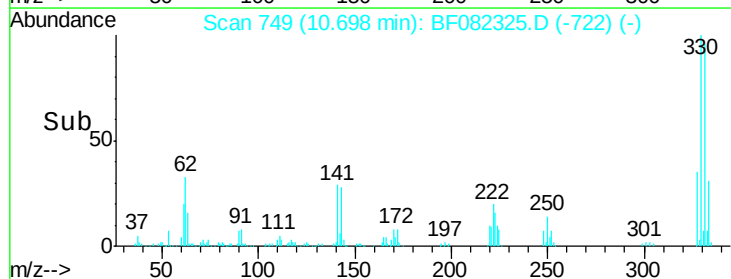
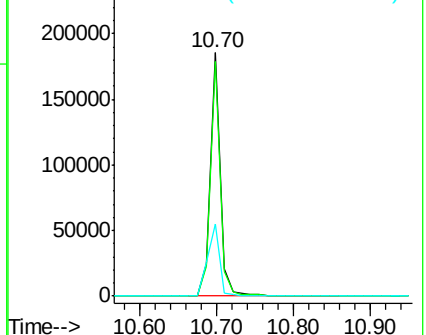
141 35.8 29.8 44.8

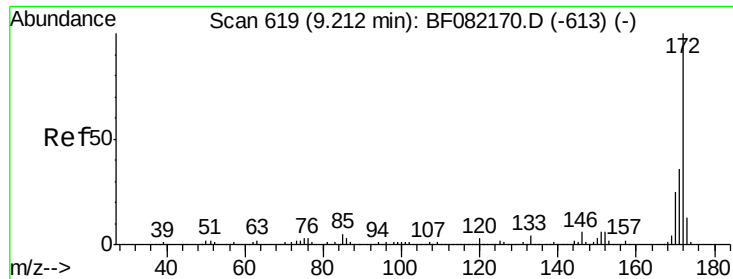


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

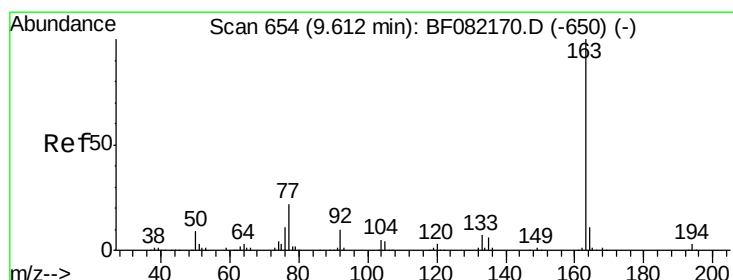
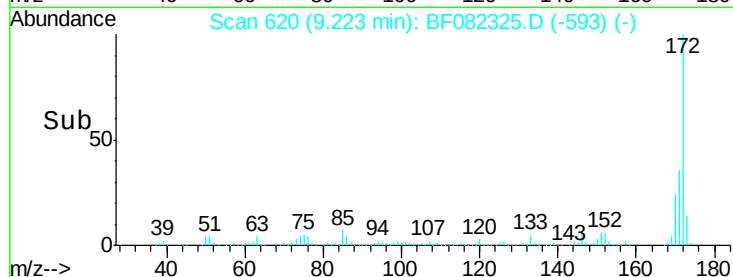
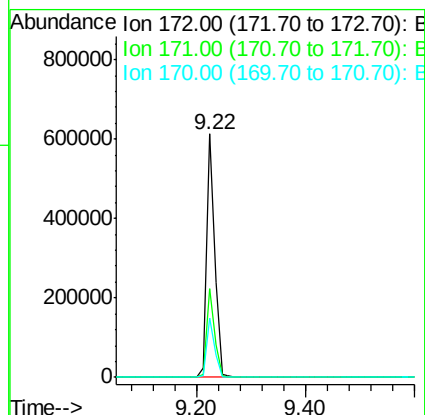
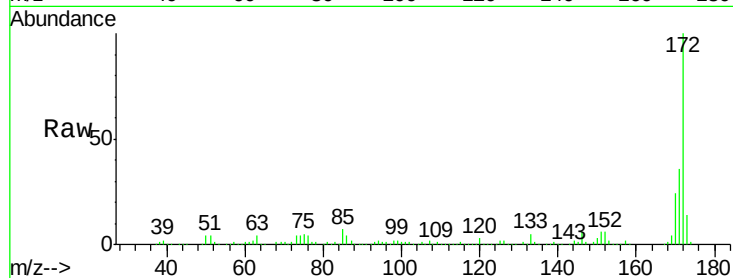




#44
2-Fluorobiphenyl
Concen: 93.09 ng
RT: 9.22 min Scan# 620
Delta R.T. 0.01 min
Lab File: BF082325.D
Acq: 16 Oct 2015 14:51

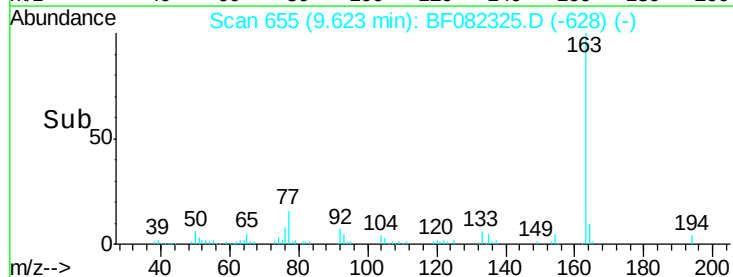
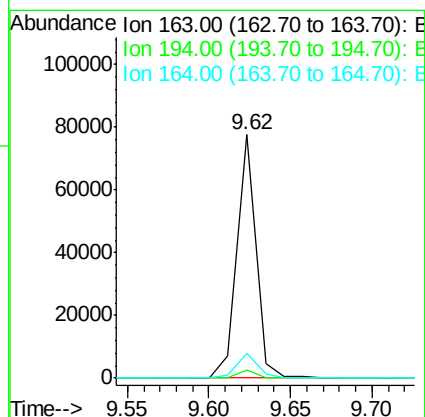
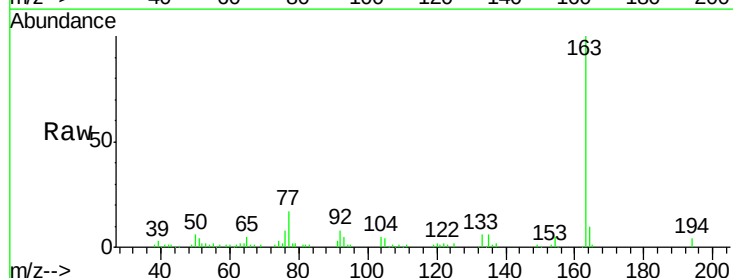
Instrument :
BNA_F
ClientSampleId :
STOCKPILE

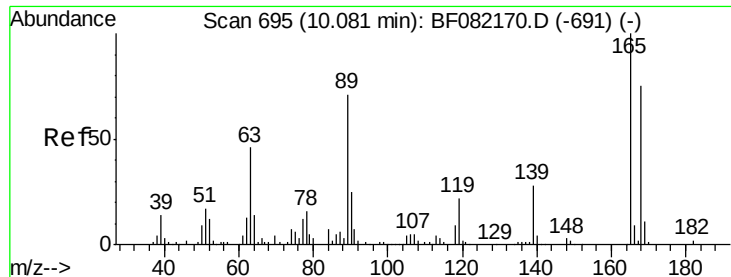
Tot Ion:172 Resp: 618376
Ion Ratio Lower Upper
172 100
171 36.5 28.6 42.8
170 24.2 19.7 29.5



#49
Dimethylphthalate
Concen: 7.99 ng
RT: 9.62 min Scan# 655
Delta R.T. 0.01 min
Lab File: BF082325.D
Acq: 16 Oct 2015 14:51

Tgt Ion:163 Resp: 61976
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.4 8.5 12.7

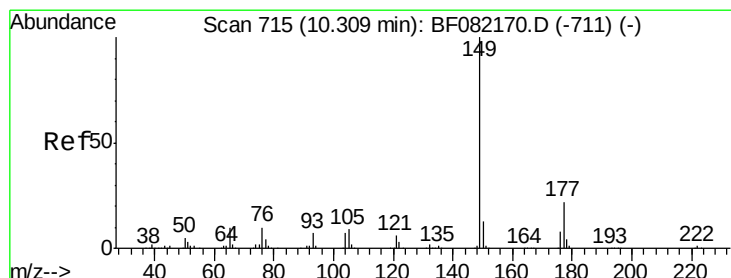
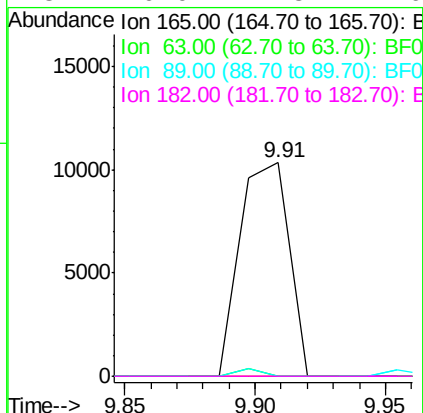
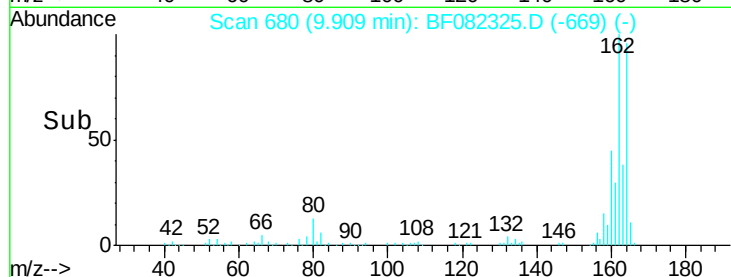
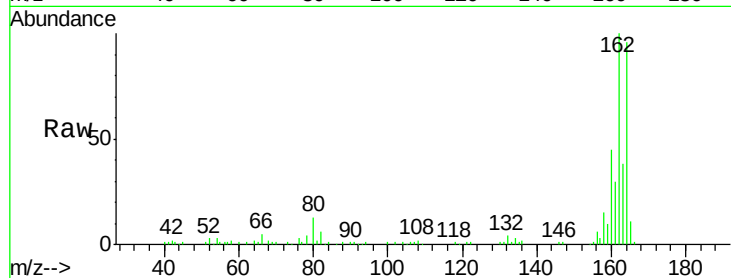




#56
2,4-Dinitrotoluene
Concen: 6.70 ng
RT: 9.91 min Scan# 680
Delta R.T. -0.17 min
Lab File: BF082325.D
Acq: 16 Oct 2015 14:51

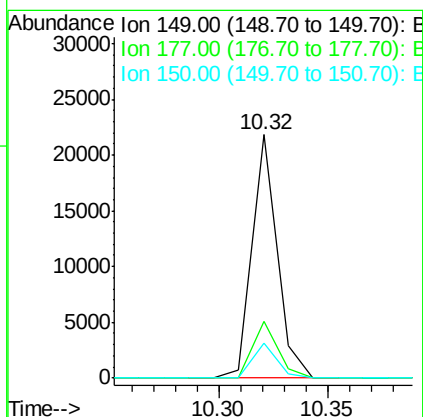
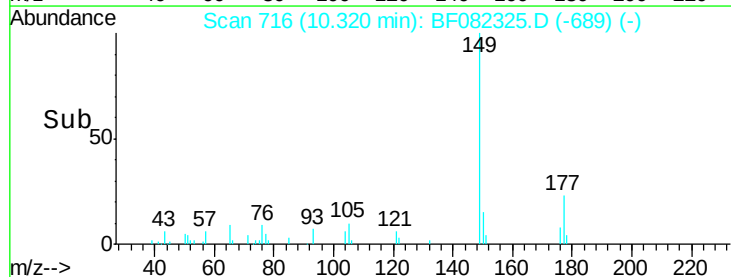
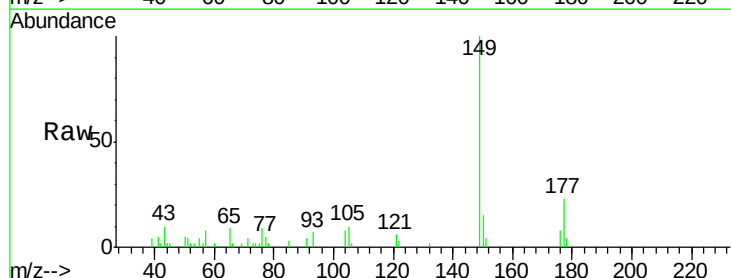
Instrument :
BNA_F
ClientSampleId :
STOCKPILE

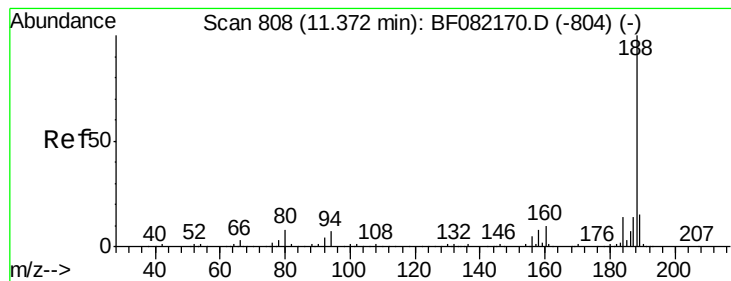
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.6	58.0#
89	0.0	57.0	85.6#
182	0.0	1.8	2.6#



#59
Diethylphthalate
Concen: 2.42 ng
RT: 10.32 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF082325.D
Acq: 16 Oct 2015 14:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	17.6	26.4
150	14.5	10.3	15.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 810

Delta R.T. 0.02 min

Lab File: BF082325.D

Acq: 16 Oct 2015 14:51

Instrument :

BNA_F

ClientSampleId :

STOCKPILE

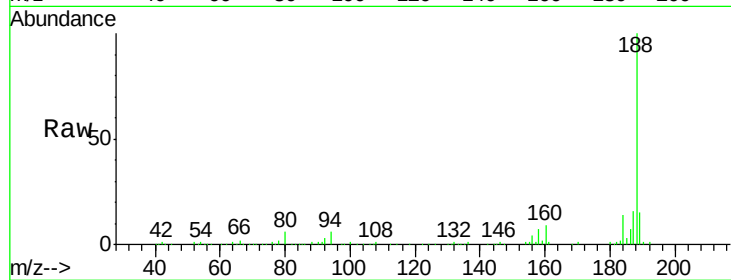
Tot Ion:188 Resp: 246469

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.6

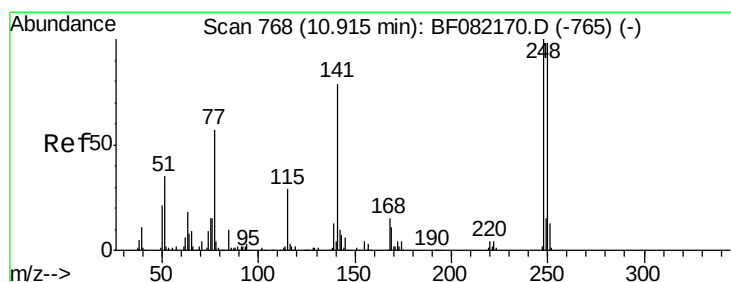
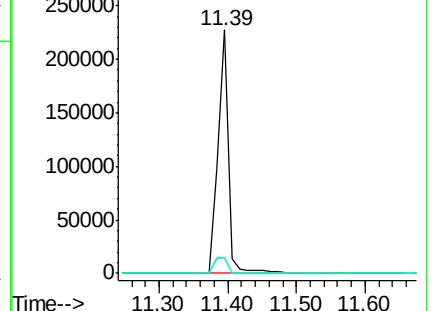
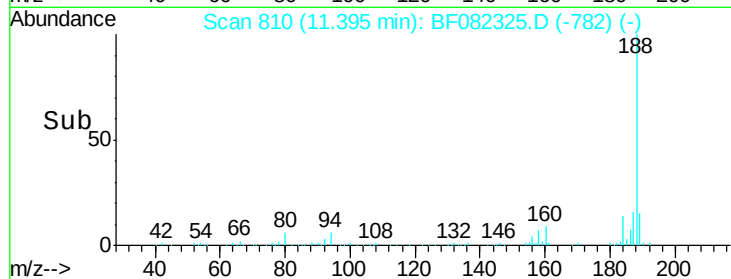
80 6.3 6.4 9.6#



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: 4.58 ng

RT: 10.70 min Scan# 749

Delta R.T. -0.22 min

Lab File: BF082325.D

Acq: 16 Oct 2015 14:51

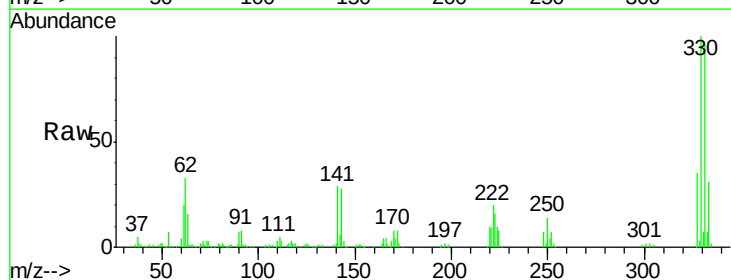
Tgt Ion:248 Resp: 11289

Ion Ratio Lower Upper

248 100

250 203.9 78.6 117.8#

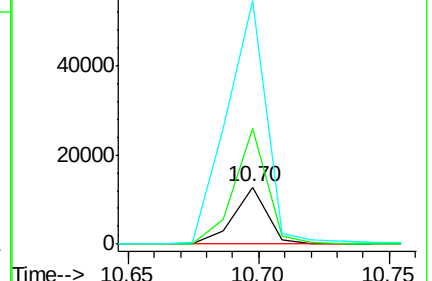
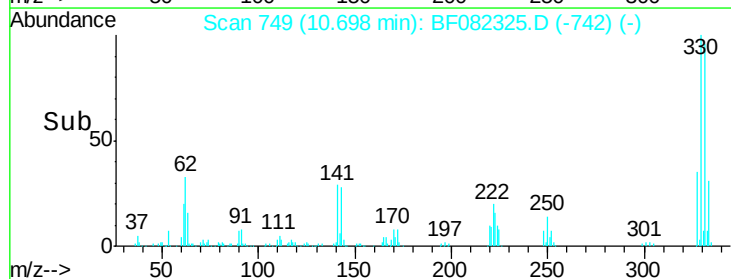
141 428.1 63.3 94.9#

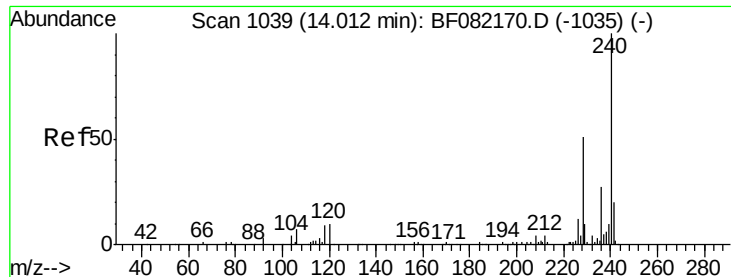


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.13 min Scan# 1049

Delta R.T. 0.06 min

Lab File: BF082325.D

Acq: 16 Oct 2015 14:51

Instrument :

BNA_F

ClientSampleId :

STOCKPILE

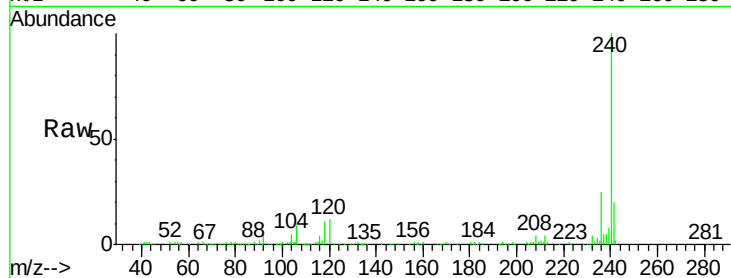
Tot Ion:240 Resp: 286147

Ion Ratio Lower Upper

240 100

120 12.4 8.1 12.1#

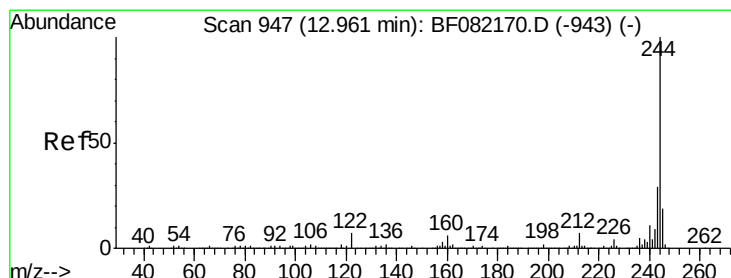
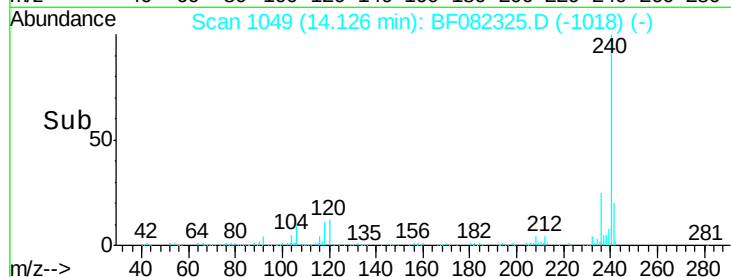
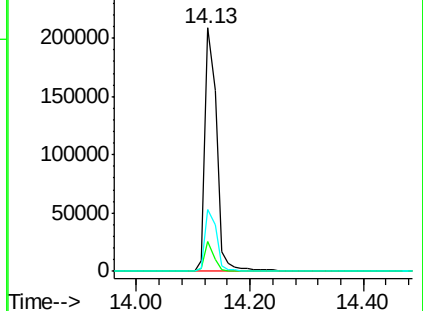
236 25.4 21.3 31.9



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: 65.98 ng

RT: 12.99 min Scan# 950

Delta R.T. 0.03 min

Lab File: BF082325.D

Acq: 16 Oct 2015 14:51

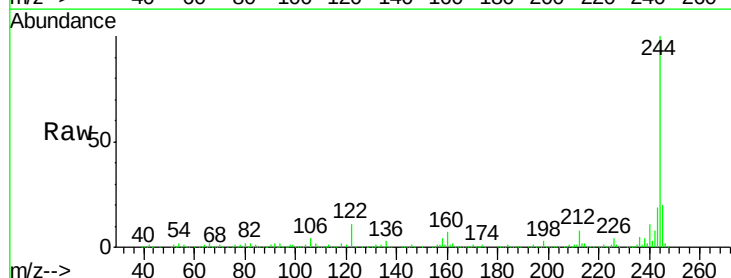
Tgt Ion:244 Resp: 712451

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

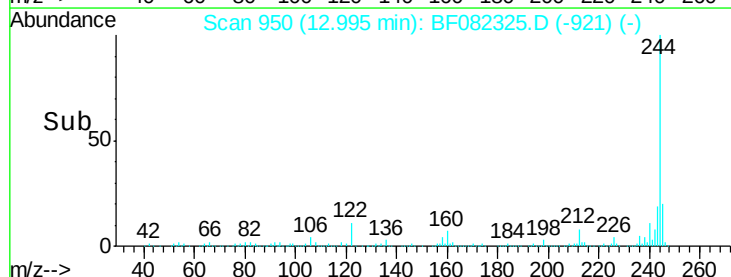
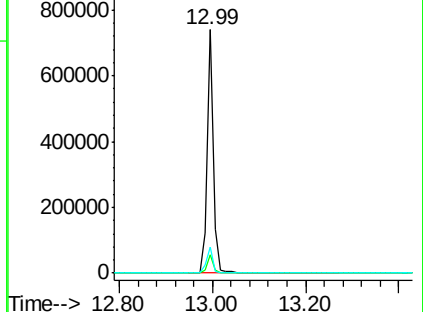
122 10.8 5.9 8.9#

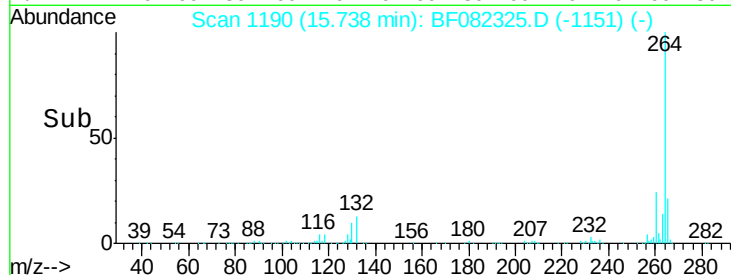
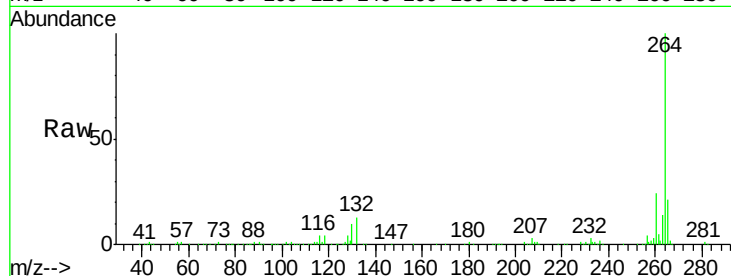
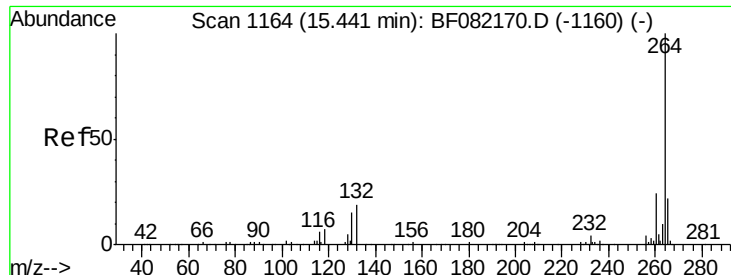


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.74 min Scan# 1190
 Delta R.T. 0.15 min
 Lab File: BF082325.D
 Acq: 16 Oct 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE

Tot Ion:	264	Resp:	250552
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.0	17.3	25.9

