

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
 Data File : BF098524.D
 Acq On : 14 Sep 2017 12:53
 Operator : SJ/JU
 Sample : I5208-03RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-091117-ARE

Quant Time: Sep 14 15:42:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 14 15:40:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	137937	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	564079	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	250578	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	446349	20.00	ng	0.00
75) Chrysene-d12	13.79	240	262953	20.00	ng	-0.01
86) Perylene-d12	15.19	264	288037	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	815465	87.41	ng	0.01
7) Phenol-d6	6.30	99	941600	79.49	ng	0.00
23) Nitrobenzene-d5	7.22	82	635497	62.81	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	208171	124.47	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	1122669	75.94	ng	0.00
78) Terphenyl-d14	12.74	244	911871	74.85	ng	0.00

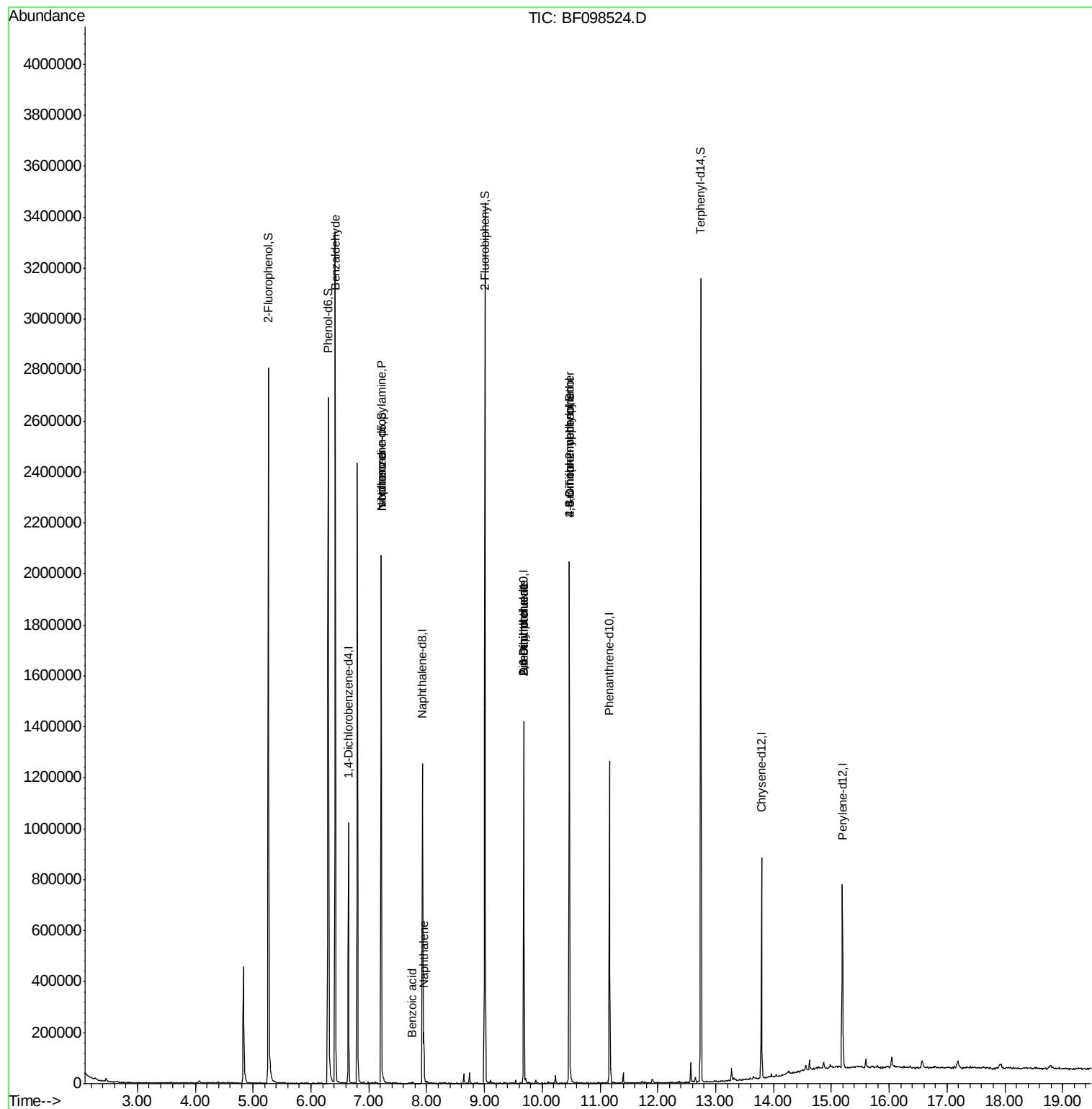
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.42	77	18361	2.371	ng	83
19) n-Nitroso-di-n-propylamine	7.22	70	84662	11.363	ng	# 80
25) Isophorone	7.22	82	631420	30.844	ng	# 67
31) Naphthalene	7.95	128	76150	2.731	ng	99
32) Benzoic acid	7.75	122	1593	8.193	ng	# 17
49) Dimethylphthalate	9.68	163	73814	3.805	ng	# 1
50) 2,6-Dinitrotoluene	9.68	165	31432	7.889	ng	# 34
56) 2,4-Dinitrotoluene	9.68	165	31432	6.489	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.47	198	475	5.120	ng	# 1
66) 4-Bromophenyl-phenylether	10.47	248	16252	3.836	ng	# 1

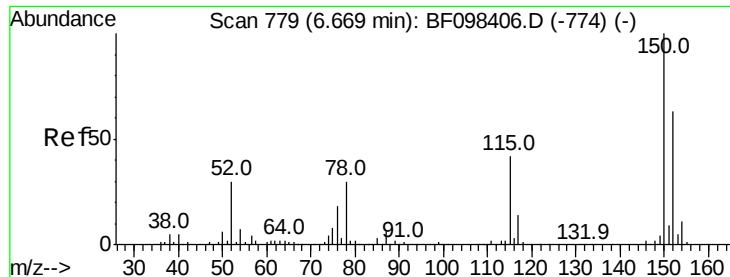
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098524.D
Acq On : 14 Sep 2017 12:53
Operator : SJ/JU
Sample : I5208-03RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ARE

Quant Time: Sep 14 15:42:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 14 15:40:22 2017
Response via : Initial Calibration



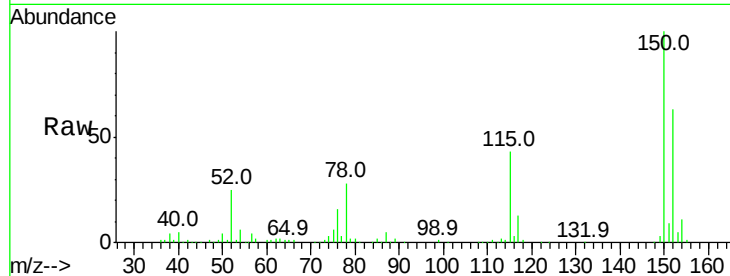


#1

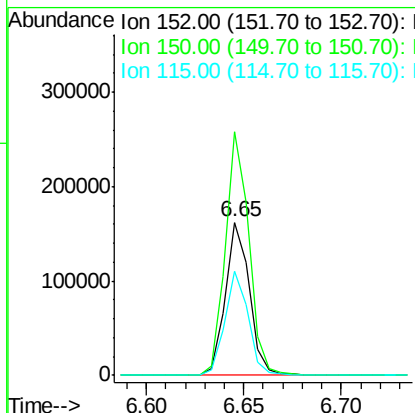
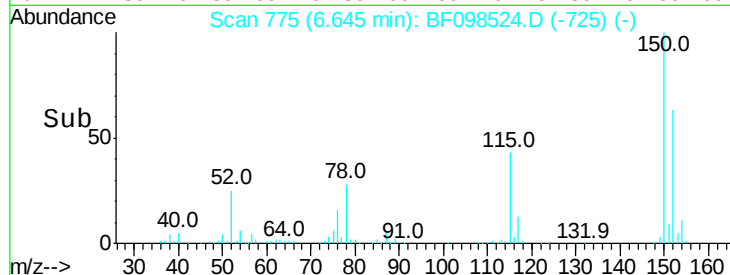
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF098524.D
 Acq: 14 Sep 2017 12:53

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-091117-ARE

Tot Ion:152 Resp: 137937
 Ion Ratio Lower Upper
 152 100
 150 159.1 126.2 189.2
 115 68.2 52.2 78.2



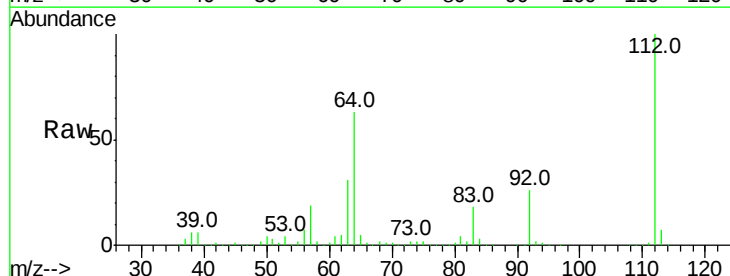
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



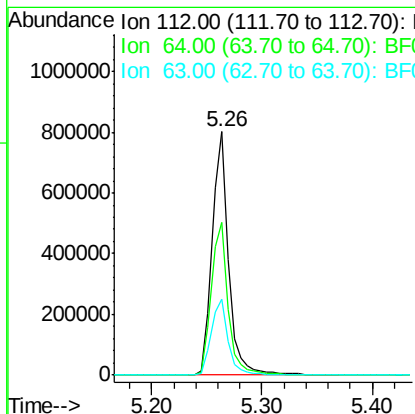
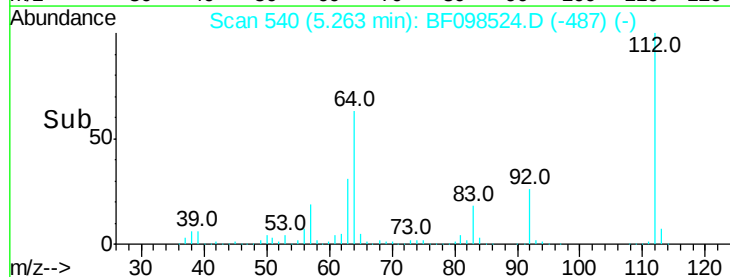
#5

2-Fluorophenol
 Concen: 87.408 ng
 RT: 5.26 min Scan# 540
 Delta R.T. 0.01 min
 Lab File: BF098524.D
 Acq: 14 Sep 2017 12:53

Tgt Ion:112 Resp: 815465
 Ion Ratio Lower Upper
 112 100
 64 62.8 46.0 69.0
 63 31.3 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: 79.492 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF098524.D

Acq: 14 Sep 2017 12:53

Instrument :

BNA_F

ClientSampleId :

CL-02-091117-ARE

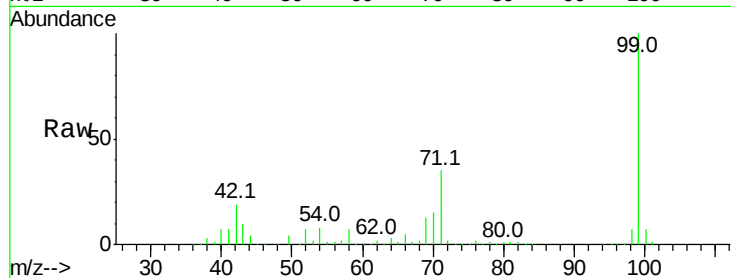
Tot Ion: 99 Resp: 941600

Ion Ratio Lower Upper

99 100

42 18.9 13.5 20.3

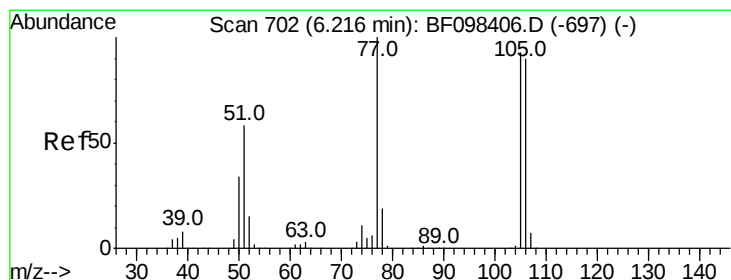
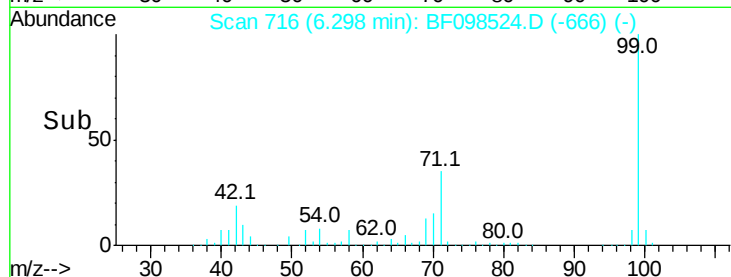
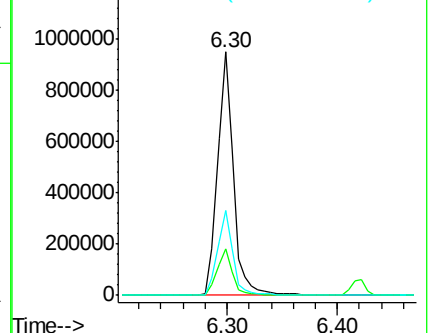
71 34.9 24.5 36.7



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



#9

Benzaldehyde

Concen: 2.371 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.22 min

Lab File: BF098524.D

Acq: 14 Sep 2017 12:53

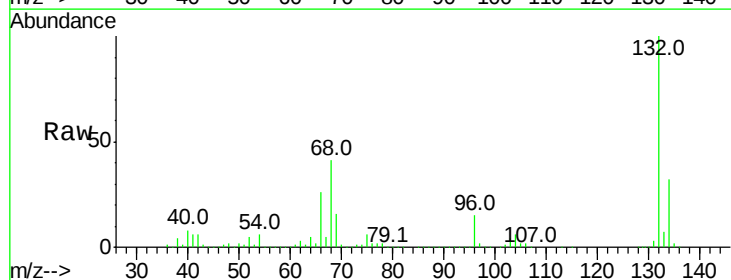
Tgt Ion: 77 Resp: 18361

Ion Ratio Lower Upper

77 100

105 86.3 83.8 123.8

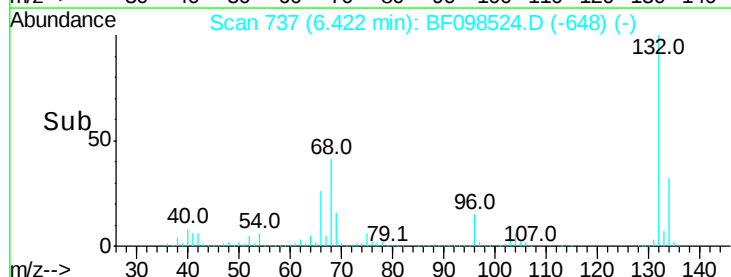
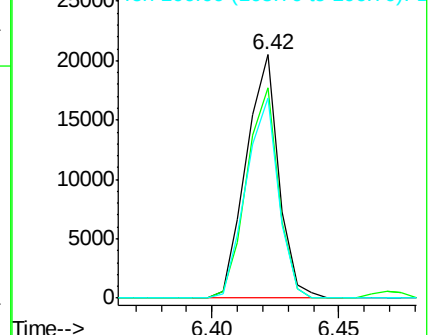
106 82.2 79.1 119.1

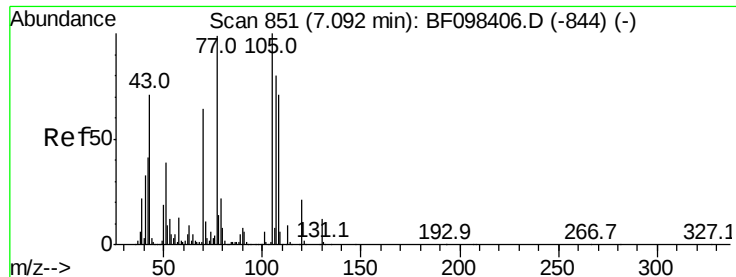


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 11.363 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.14 min

Lab File: BF098524.D

Acq: 14 Sep 2017 12:53

Instrument :

BNA_F

ClientSampleId :

CL-02-091117-ARE

Tot Ion: 70 Resp: 84662

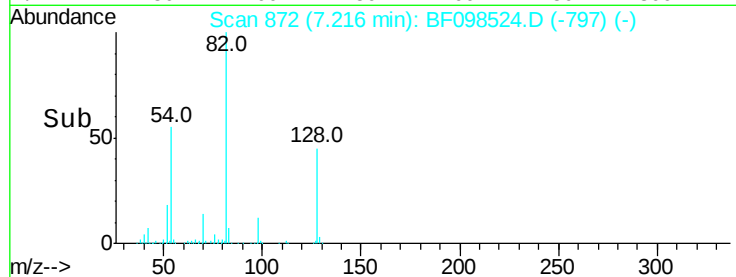
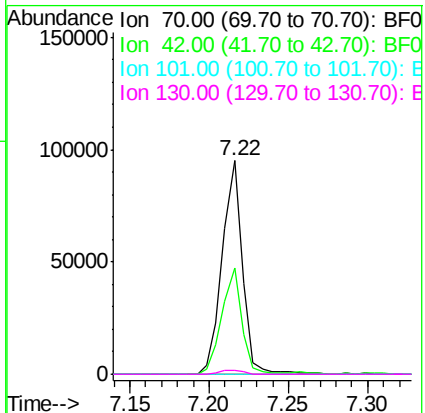
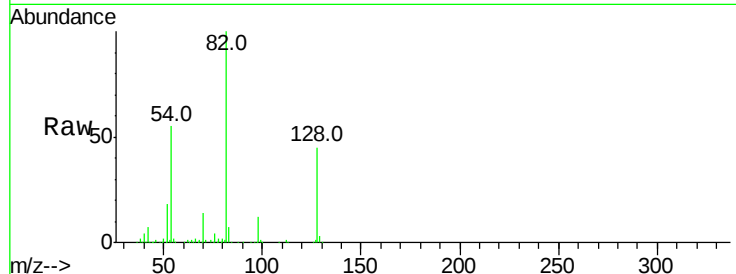
Ion Ratio Lower Upper

70 100

42 49.5 47.2 70.8

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF098524.D

Acq: 14 Sep 2017 12:53

Tgt Ion: 136 Resp: 564079

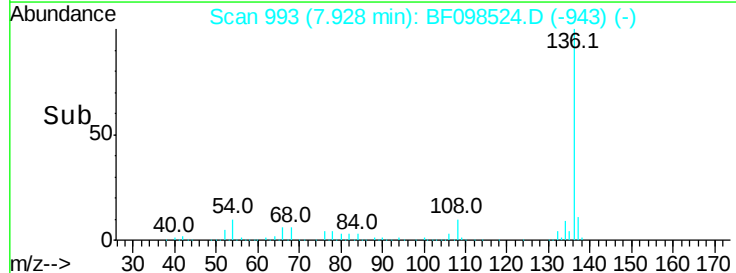
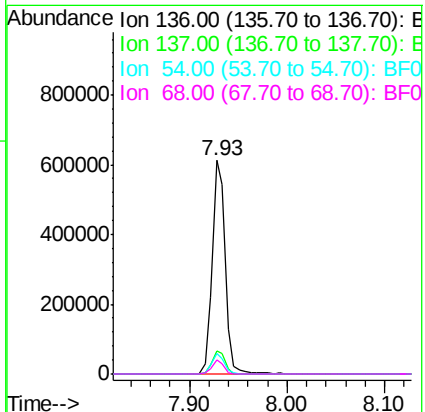
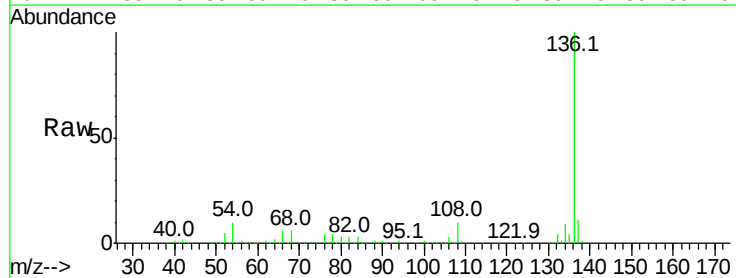
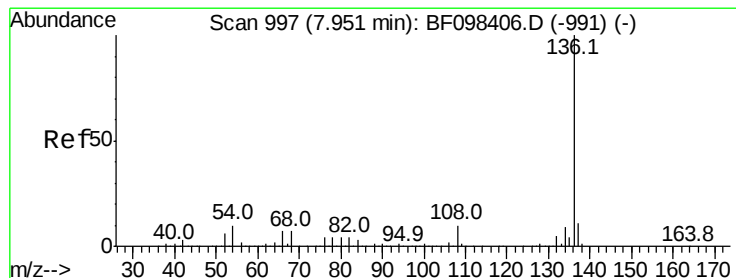
Ion Ratio Lower Upper

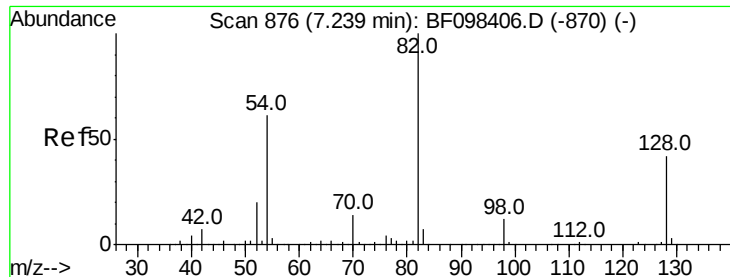
136 100

137 10.7 8.5 12.7

54 9.7 4.9 7.3#

68 6.4 4.1 6.1#

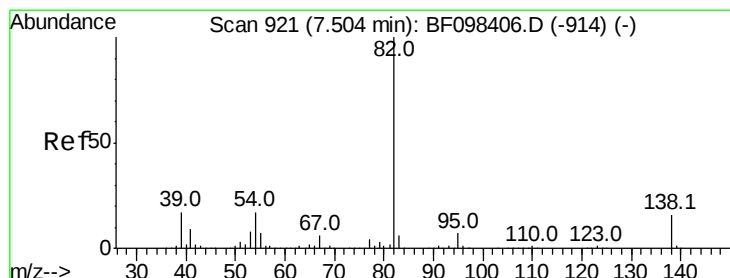
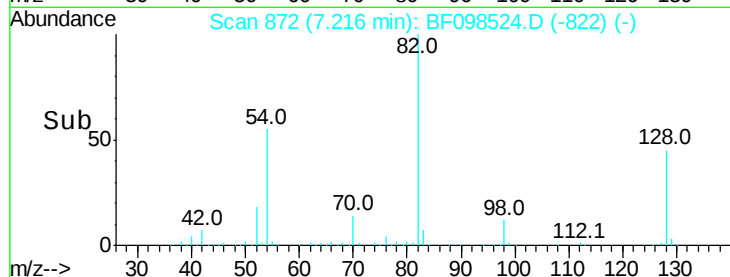
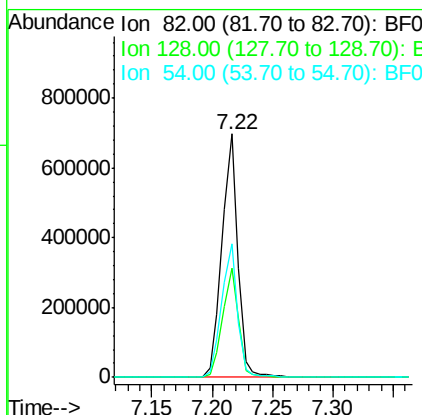
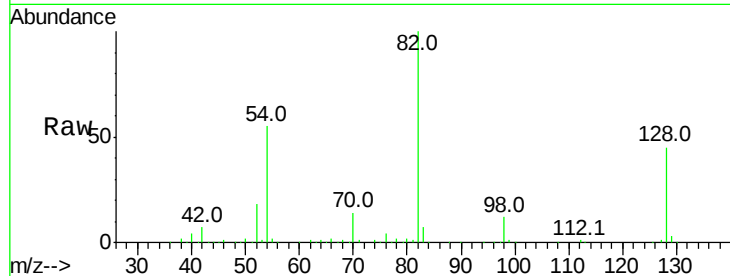




#23
 Nitrobenzene-d5
 Concen: 62.808 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: BF098524.D
 Acq: 14 Sep 2017 12:53

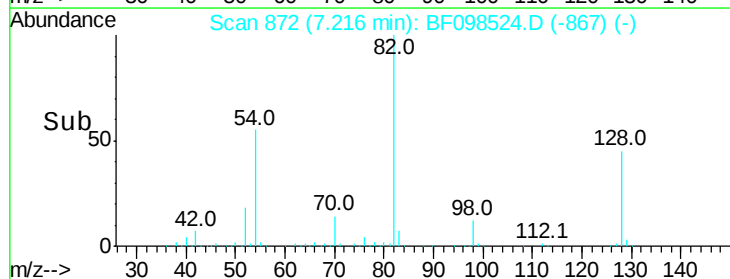
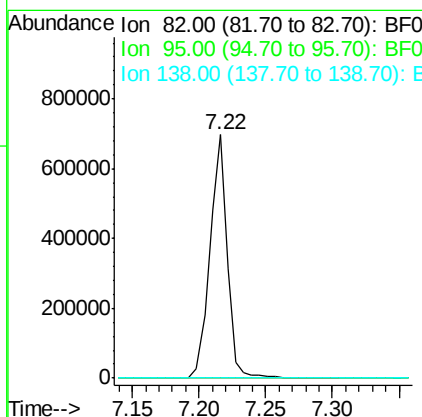
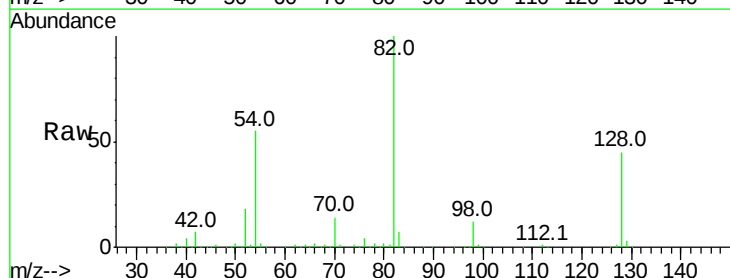
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-091117-ARE

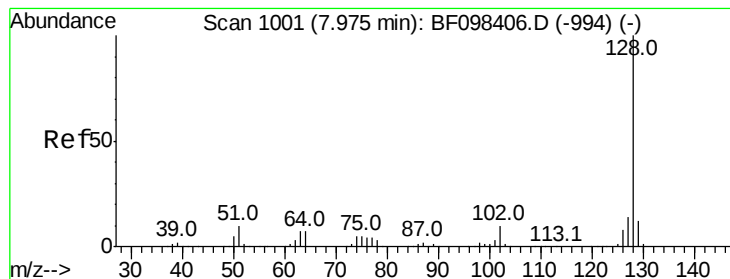
Tot Ion: 82 Resp: 635497
 Ion Ratio Lower Upper
 82 100
 128 45.0 34.0 51.0
 54 55.0 42.2 63.2



#25
 Isophorone
 Concen: 30.844 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.27 min
 Lab File: BF098524.D
 Acq: 14 Sep 2017 12:53

Tgt Ion: 82 Resp: 631420
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#





#31

Naphthalene

Concen: 2.731 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF098524.D

Acq: 14 Sep 2017 12:53

Instrument :

BNA_F

ClientSampleId :

CL-02-091117-ARE

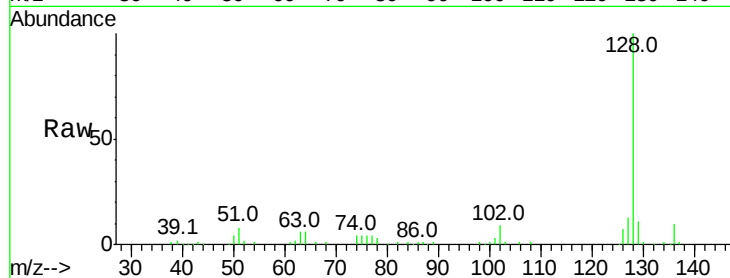
Tot Ion:128 Resp: 76150

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

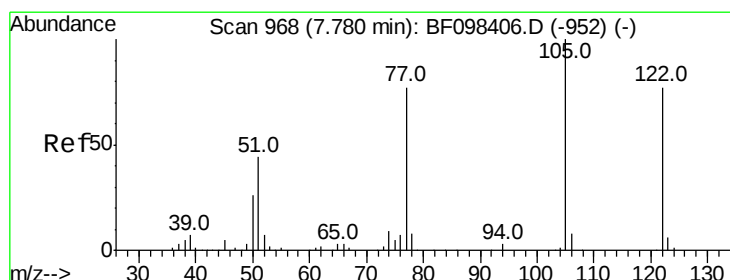
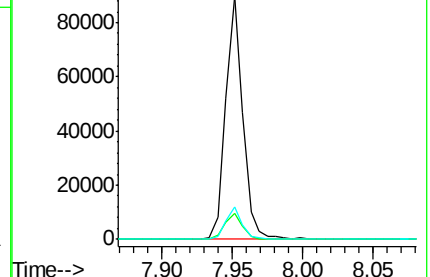
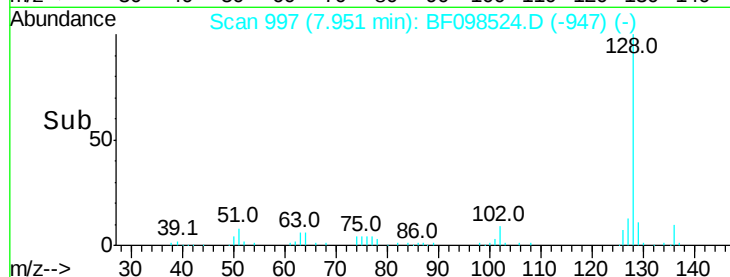
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.193 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.02 min

Lab File: BF098524.D

Acq: 14 Sep 2017 12:53

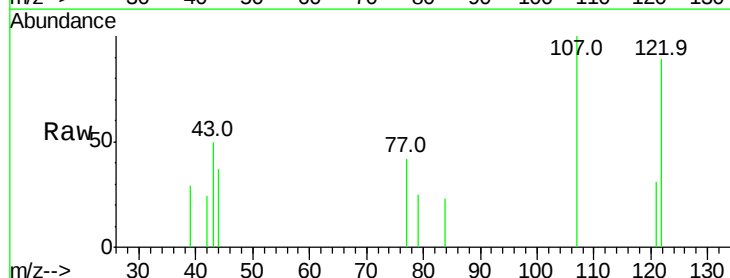
Tgt Ion:122 Resp: 1593

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

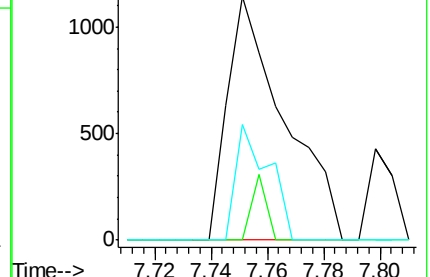
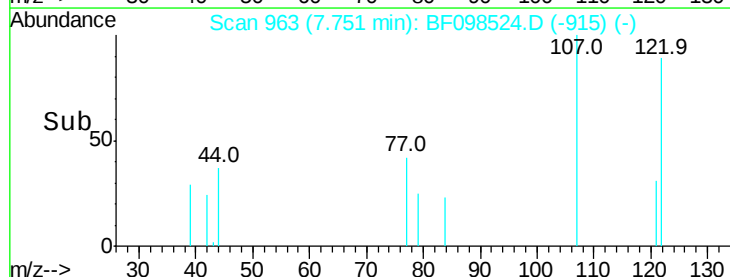
77 47.4 73.7 113.7#

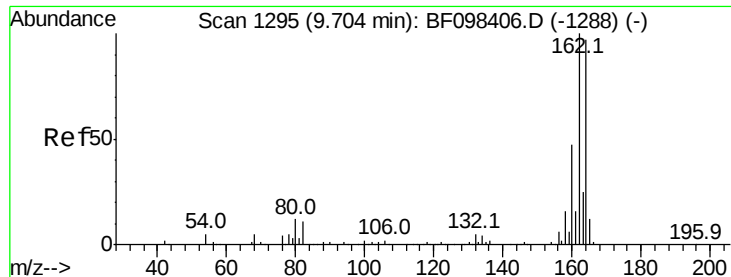


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF098524.D

Acq: 14 Sep 2017 12:53

Instrument :

BNA_F

ClientSampleId :

CL-02-091117-ARE

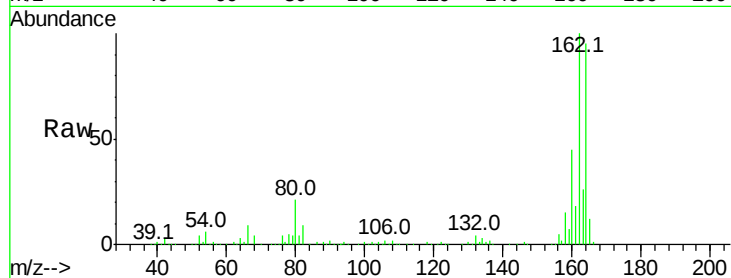
Tot Ion:164 Resp: 250578

Ion Ratio Lower Upper

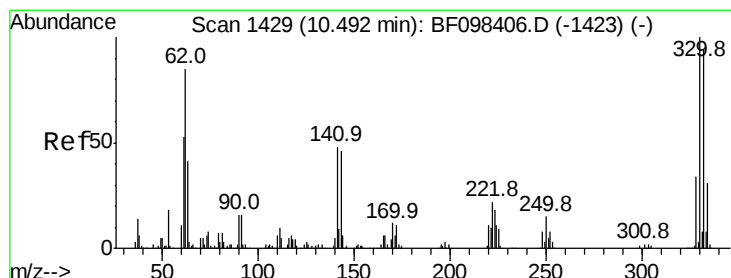
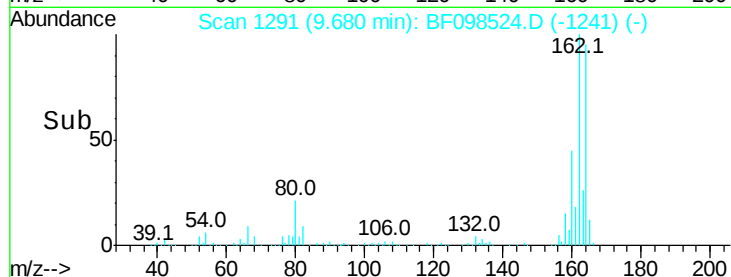
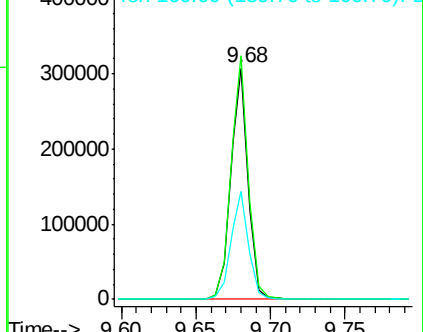
164 100

162 105.4 82.6 123.8

160 47.0 36.2 54.2



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: 124.474 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF098524.D

Acq: 14 Sep 2017 12:53

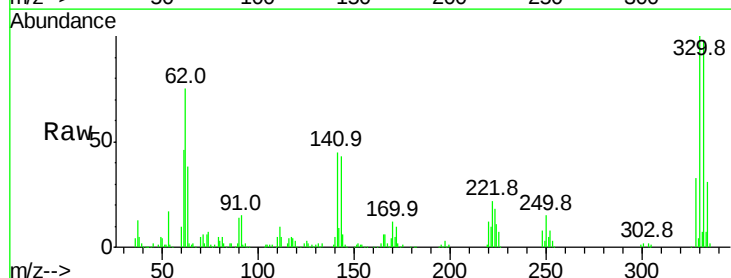
Tgt Ion:330 Resp: 208171

Ion Ratio Lower Upper

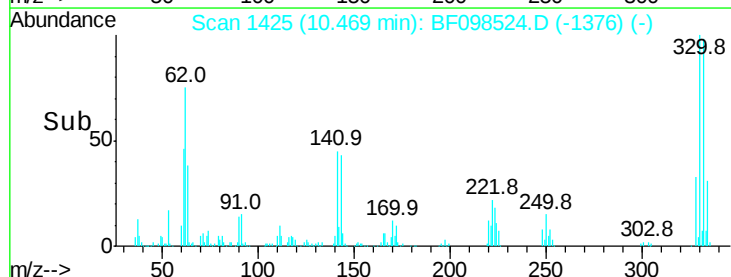
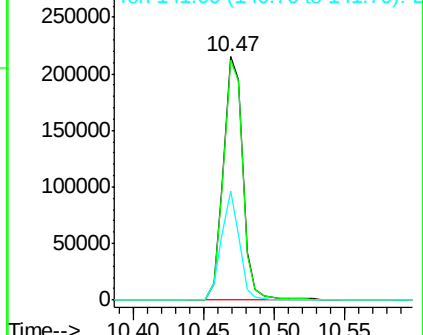
330 100

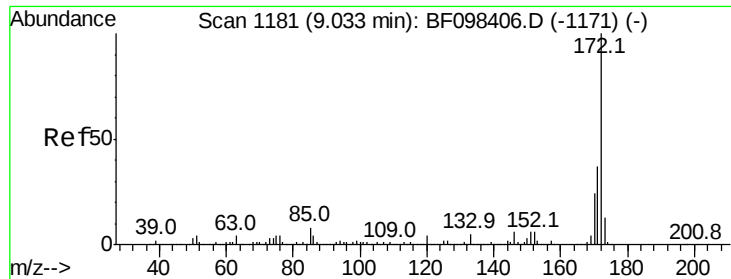
332 98.7 76.6 115.0

141 41.6 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

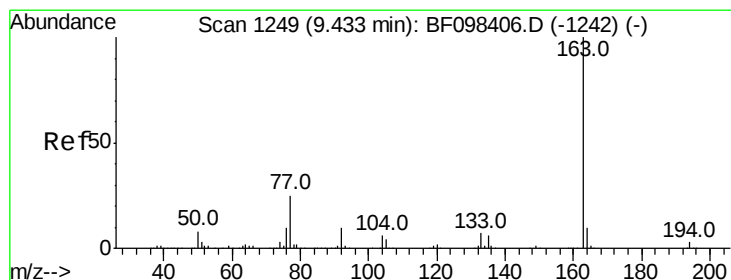
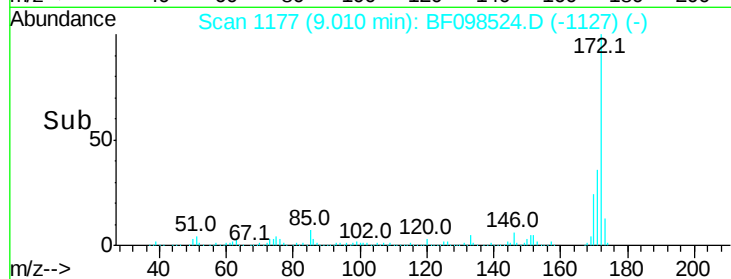
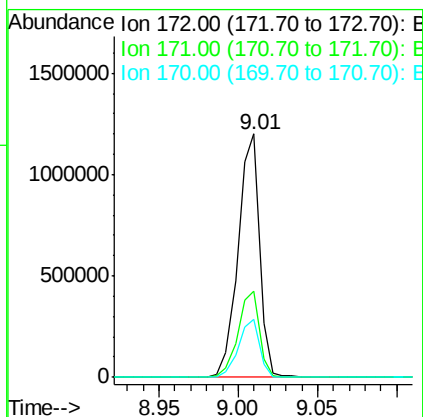
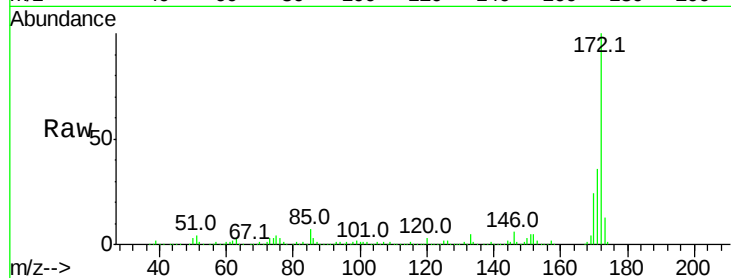




#44
2-Fluorobiphenyl
Concen: 75.938 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF098524.D
Acq: 14 Sep 2017 12:53

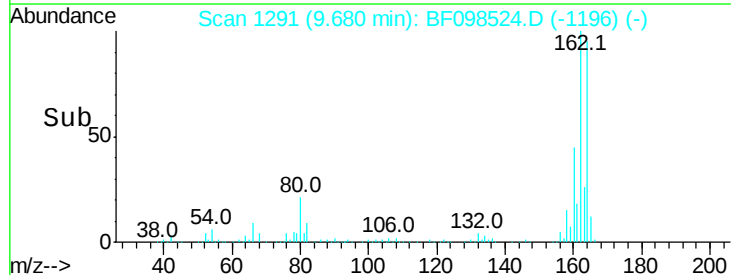
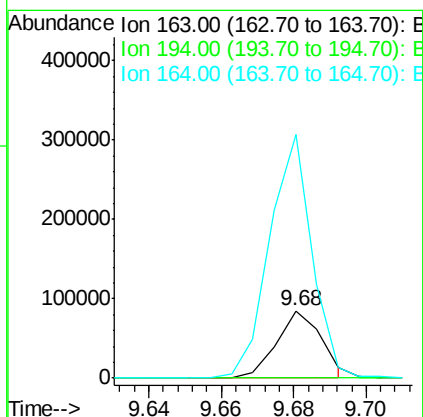
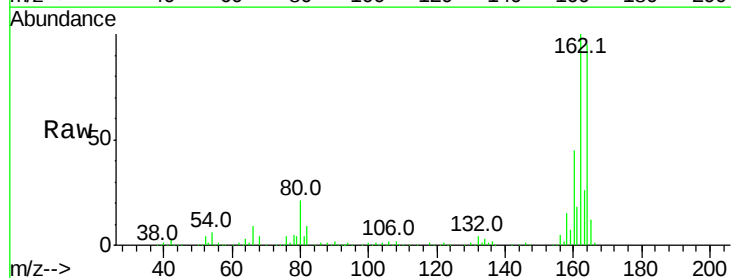
Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ARE

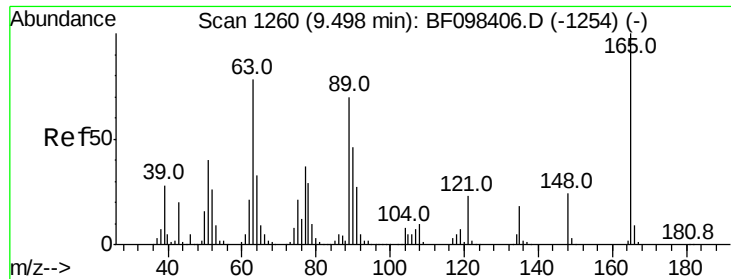
Tot Ion:172 Resp: 1122669
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 23.8 19.8 29.8



#49
Dimethylphthalate
Concen: 3.805 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.26 min
Lab File: BF098524.D
Acq: 14 Sep 2017 12:53

Tgt Ion:163 Resp: 73814
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 362.1 8.4 12.6#

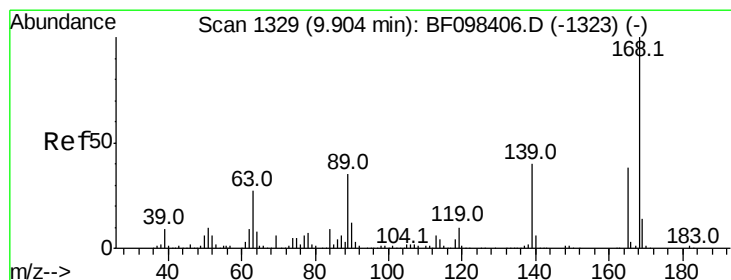
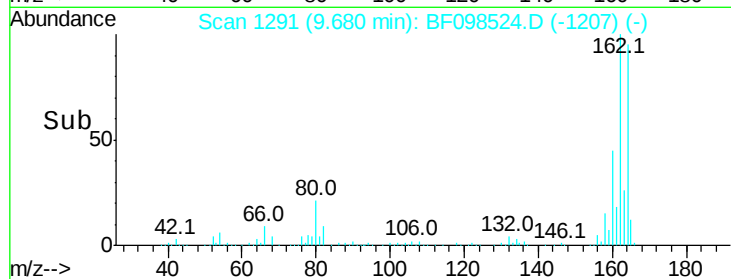
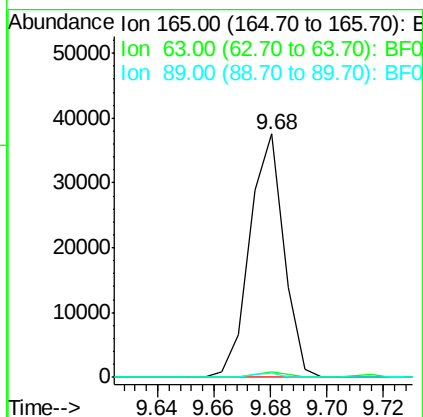
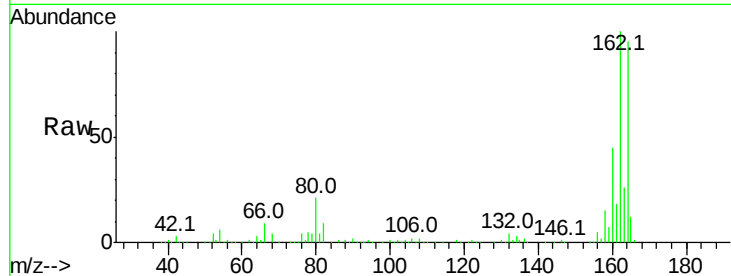




#50
 2,6-Dinitrotoluene
 Concen: 7.889 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.19 min
 Lab File: BF098524.D
 Acq: 14 Sep 2017 12:53

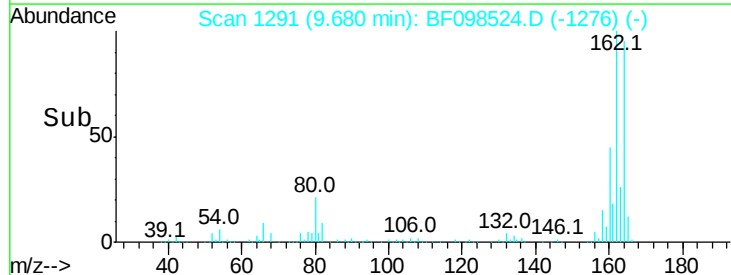
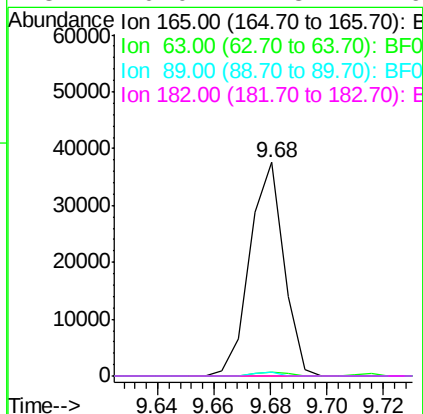
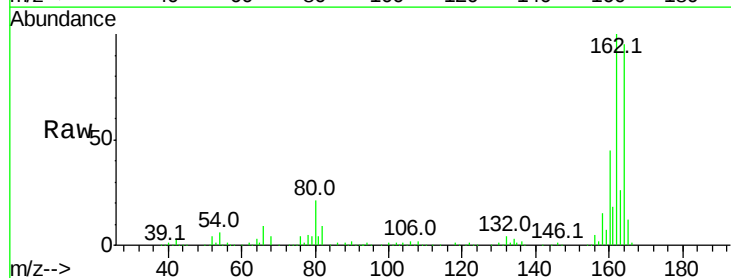
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-091117-ARE

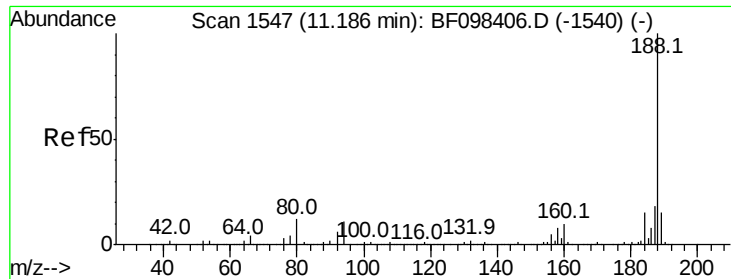
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.3	51.5#
89	1.6	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.489 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.21 min
 Lab File: BF098524.D
 Acq: 14 Sep 2017 12:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BF098524.D

Acq: 14 Sep 2017 12:53

Instrument :

BNA_F

ClientSampleId :

CL-02-091117-ARE

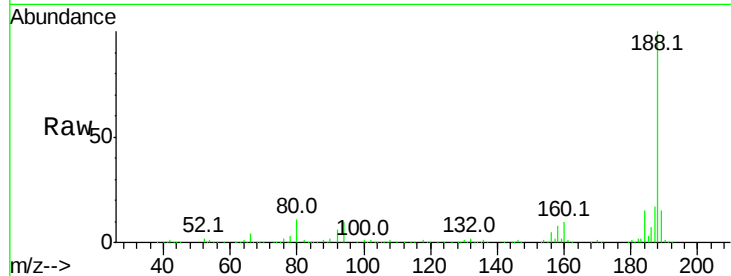
Tot Ion:188 Resp: 446349

Ion Ratio Lower Upper

188 100

94 9.9 9.4 14.2

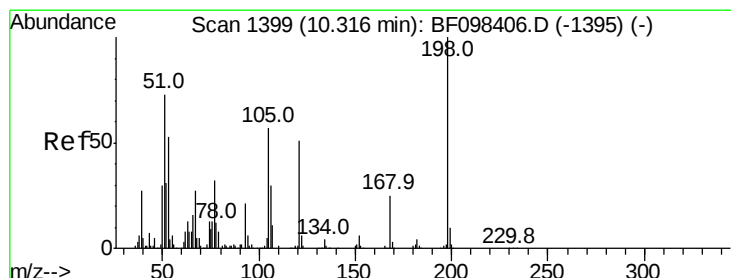
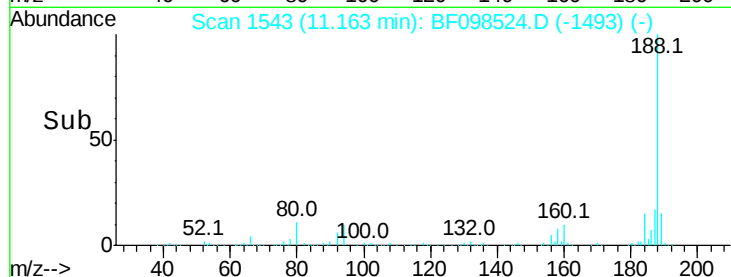
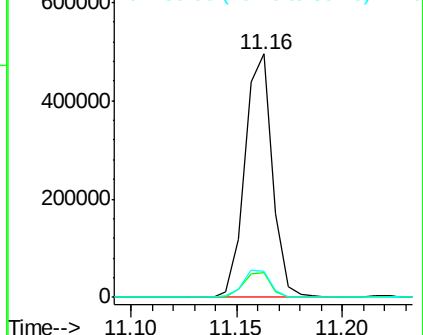
80 10.7 10.2 15.2



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



#64

4,6-Dinitro-2-methylphenol

Concen: 5.120 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.16 min

Lab File: BF098524.D

Acq: 14 Sep 2017 12:53

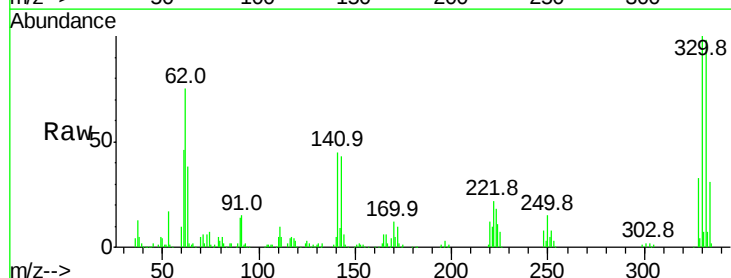
Tgt Ion:198 Resp: 475

Ion Ratio Lower Upper

198 100

51 228.9 53.2 93.2#

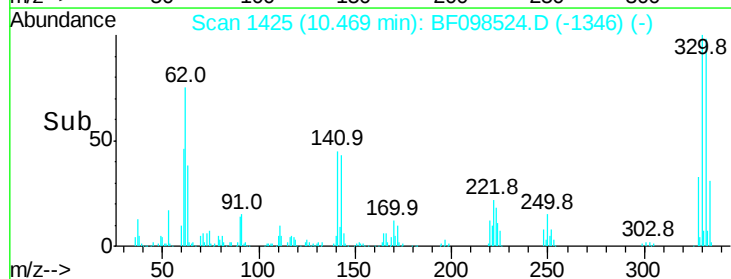
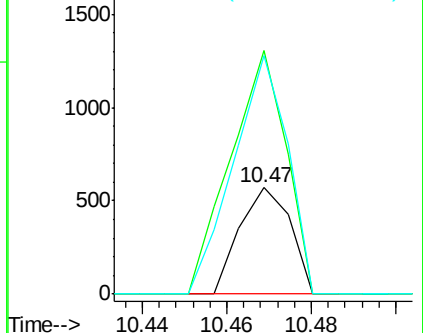
105 224.6 45.8 85.8#

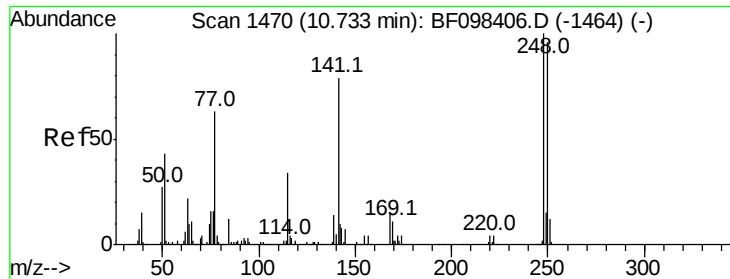


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

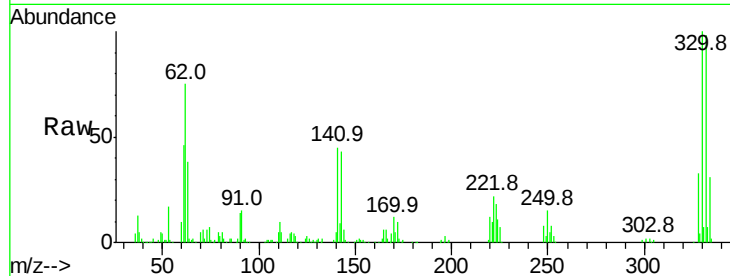




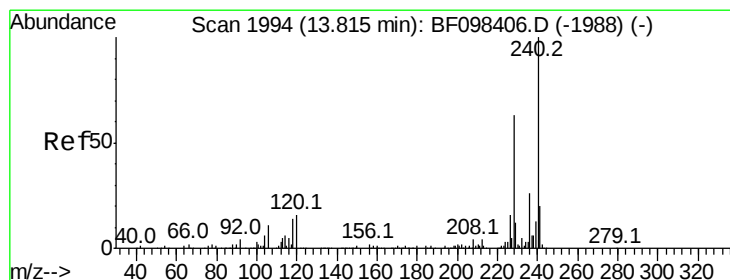
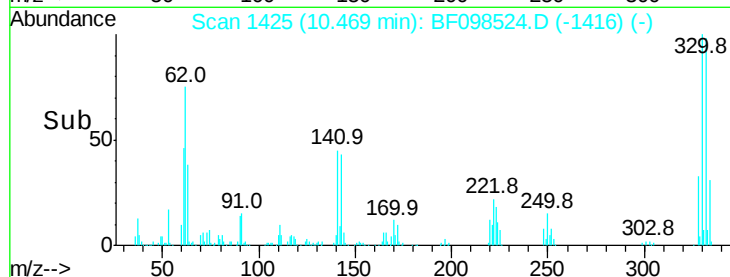
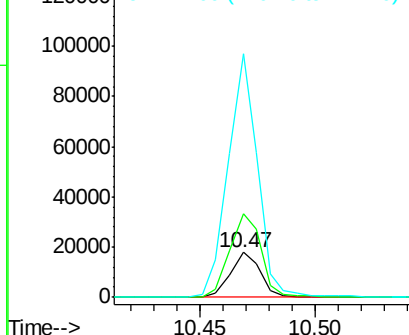
#66
 4-Bromophenyl-phenylether
 Concen: 3.836 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.25 min
 Lab File: BF098524.D
 Acq: 14 Sep 2017 12:53

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-091117-ARE

Tot Ion:248 Resp: 16252
 Ion Ratio Lower Upper
 248 100
 250 185.1 76.8 115.2#
 141 539.6 68.6 103.0#

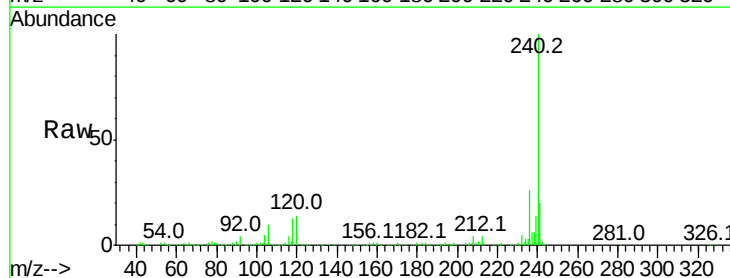


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

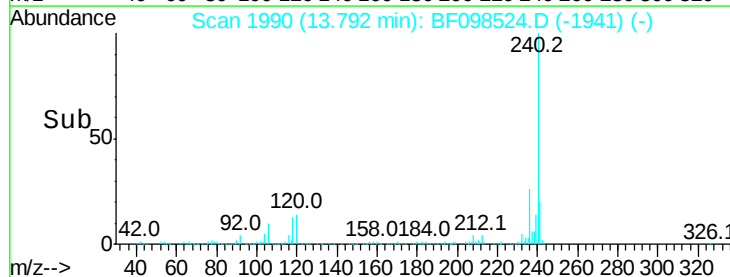
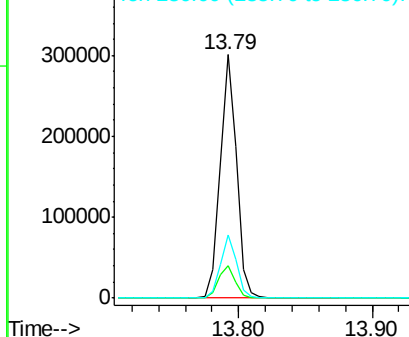


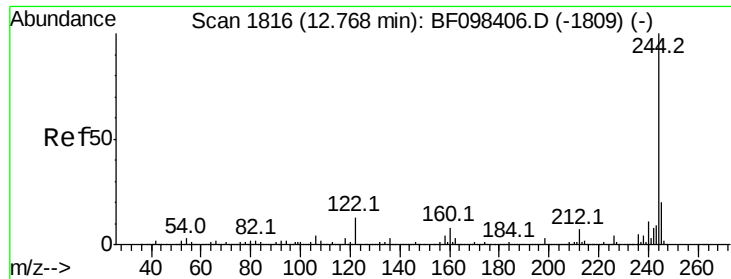
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF098524.D
 Acq: 14 Sep 2017 12:53

Tgt Ion:240 Resp: 262953
 Ion Ratio Lower Upper
 240 100
 120 13.6 5.8 8.8#
 236 25.9 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: 74.851 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF098524.D

Acq: 14 Sep 2017 12:53

Instrument :

BNA_F

ClientSampleId :

CL-02-091117-ARE

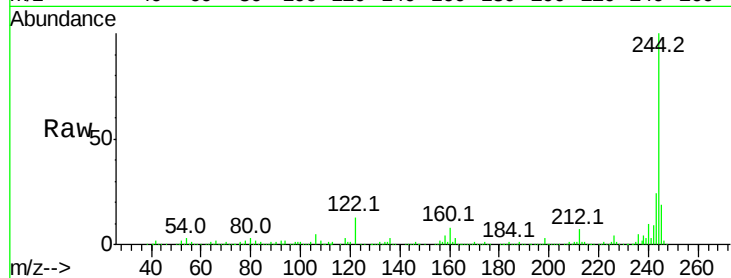
Tot Ion:244 Resp: 911871

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

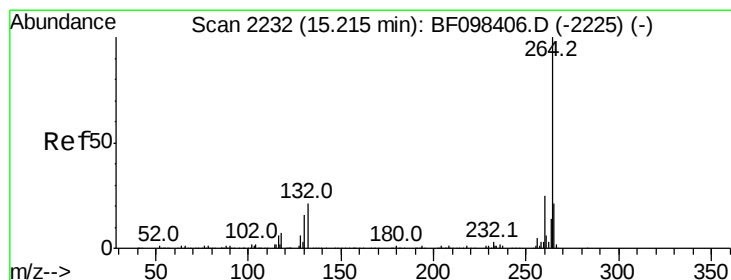
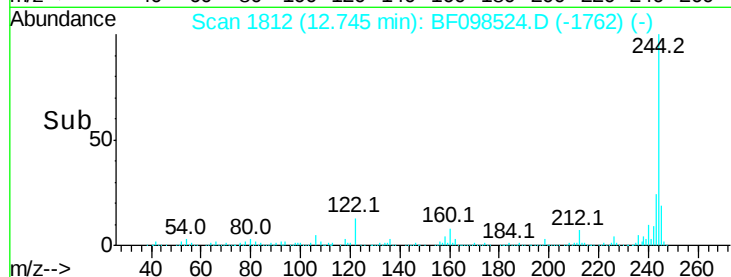
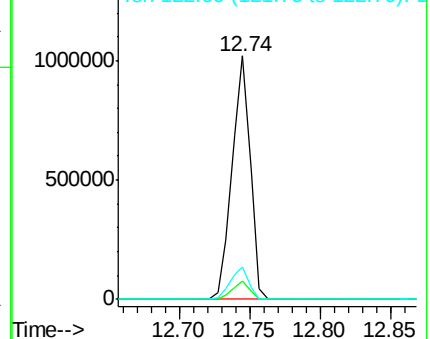
122 13.1 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.19 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BF098524.D

Acq: 14 Sep 2017 12:53

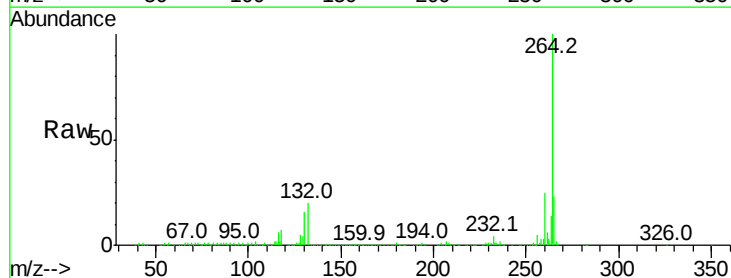
Tgt Ion:264 Resp: 288037

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 22.6 17.2 25.8



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

