

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
 Data File : BF082308.D
 Acq On : 15 Oct 2015 14:42
 Operator : UM/IZ
 Sample : G4015-14
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF-9

Quant Time: Oct 16 02:06:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 01:04:42 2015
 Response via : Initial Calibration

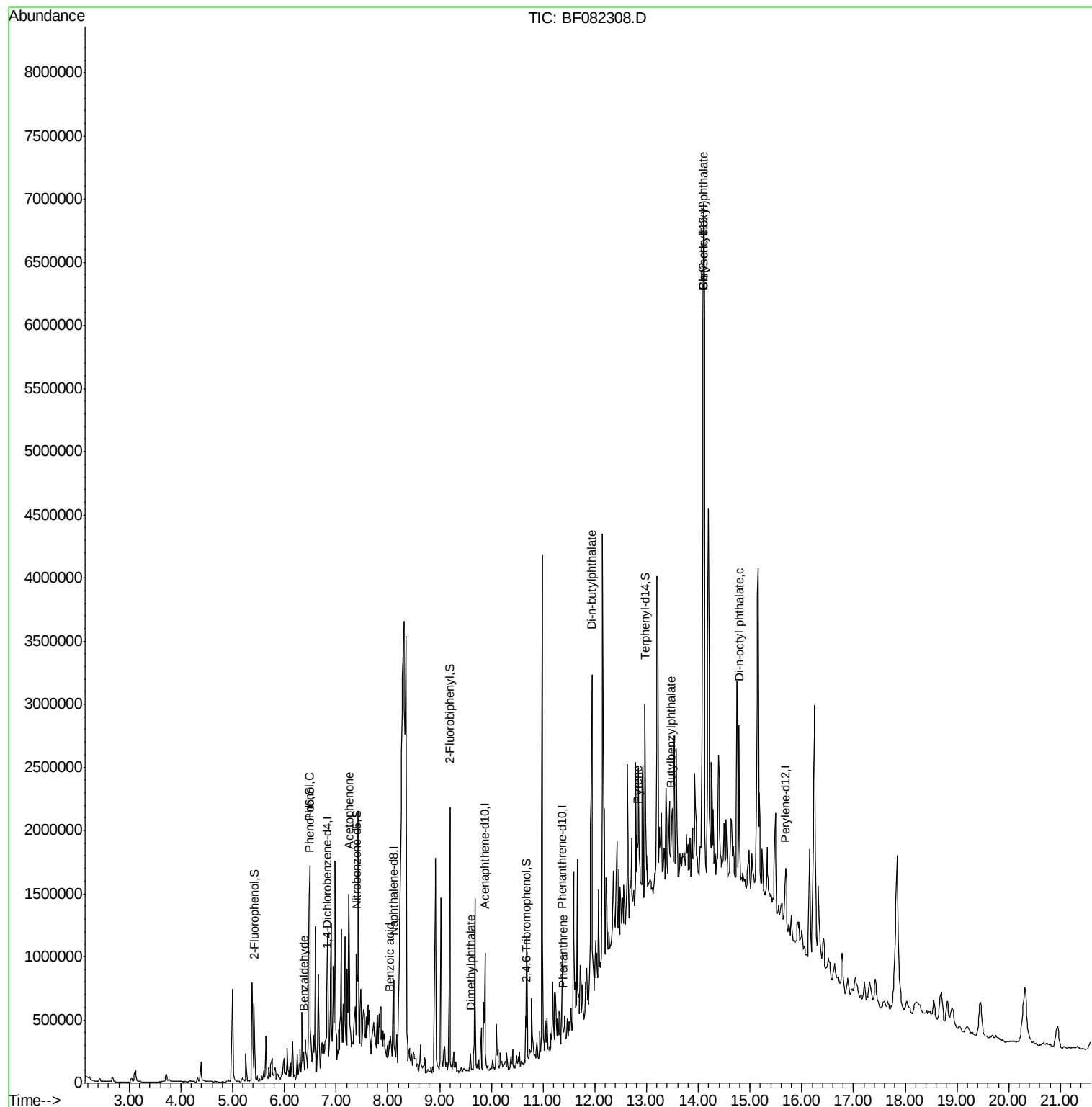
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	75590	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	285432	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	133031	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	205549	20.00	ng	0.01
75) Chrysene-d12	14.10	240	119026	20.00	ng	0.01
86) Perylene-d12	15.68	264	150245	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	187066	49.95	ng	0.00
7) Phenol-d6	6.48	99	397662	81.59	ng	0.01
23) Nitrobenzene-d5	7.39	82	277911	65.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	27013	21.65	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	663361	82.69	ng	0.00
78) Terphenyl-d14	12.97	244	408567	90.96	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.38	77	54100	21.74	ng	# 69
10) Phenol	6.49	94	624616	111.15	ng	92
22) Acetophenone	7.25	105	367004	65.00	ng	# 87
32) Benzoic acid	8.05	122	40351	16.24	ng	93
49) Dimethylphthalate	9.60	163	75826	8.09	ng	# 98
70) Phenanthrene	11.39	178	22816	2.26	ng	# 95
73) Di-n-butylphthalate	11.94	149	1696254	145.18	ng	100
77) Pyrene	12.82	202	18971	2.69	ng	# 82
79) Butylbenzylphthalate	13.48	149	73056	22.66	ng	92
83) Bis(2-ethylhexyl)phthalate	14.10	149	4257966	925.84	ng	# 96
84) Di-n-octyl phthalate	14.79	149	877150	111.06	ng	# 78

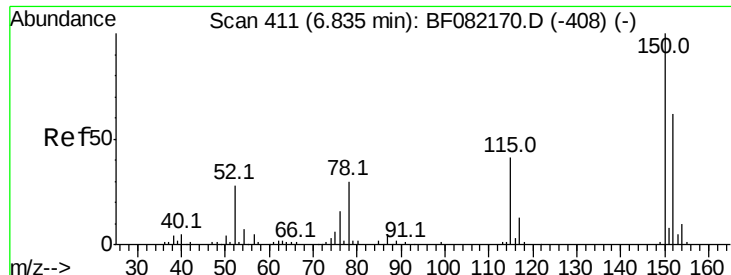
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF082308.D

Acq: 15 Oct 2015 14:42

Instrument :

BNA_F

ClientSampled :

LF-9

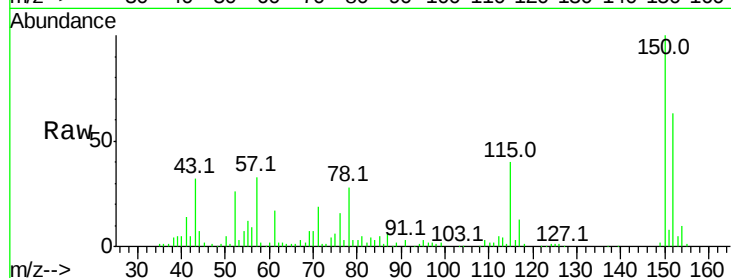
Tot Ion:152 Resp: 75590

Ion Ratio Lower Upper

152 100

150 157.8 129.0 193.4

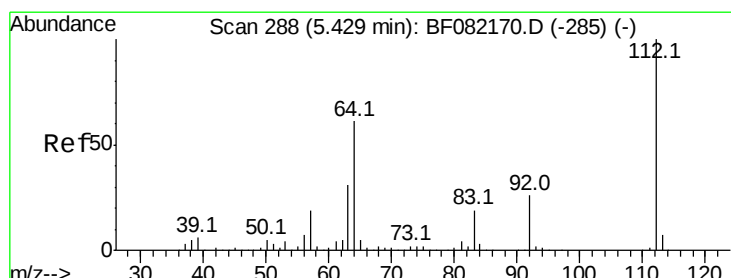
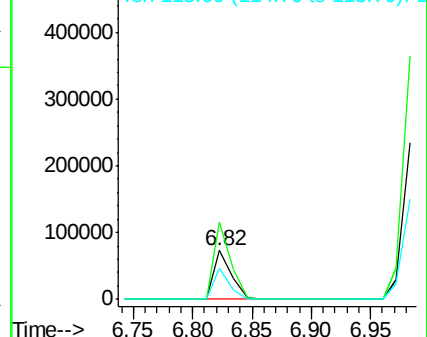
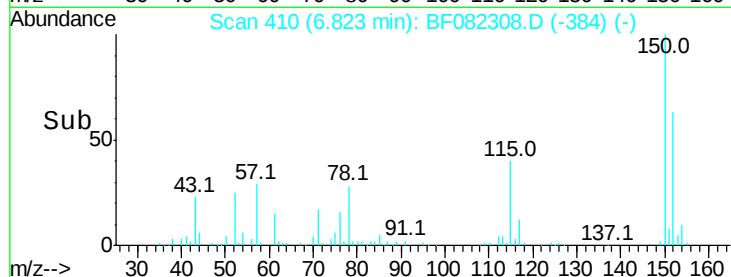
115 63.0 52.1 78.1



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: 49.95 ng

RT: 5.42 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF082308.D

Acq: 15 Oct 2015 14:42

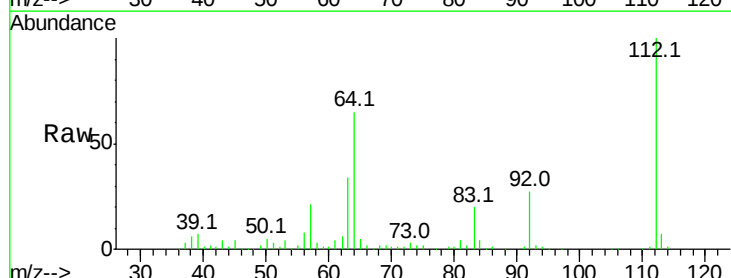
Tgt Ion:112 Resp: 187066

Ion Ratio Lower Upper

112 100

64 64.8 48.6 73.0

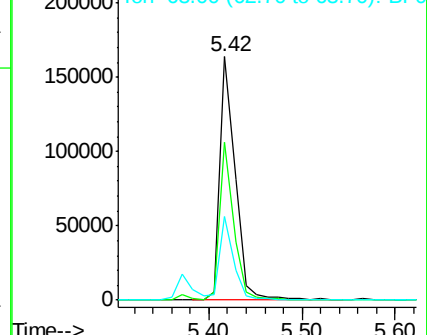
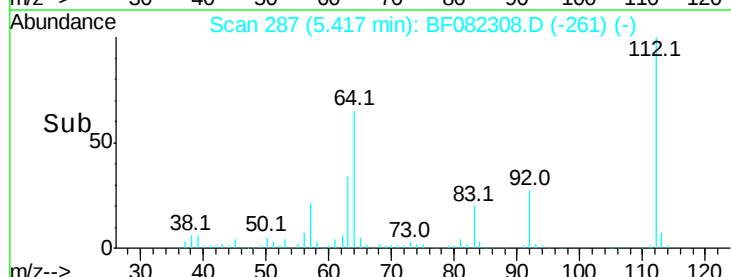
63 34.5 25.1 37.7



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: 81.59 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.01 min

Lab File: BF082308.D

Acq: 15 Oct 2015 14:42

Instrument :

BNA_F

ClientSampleId :

LF-9

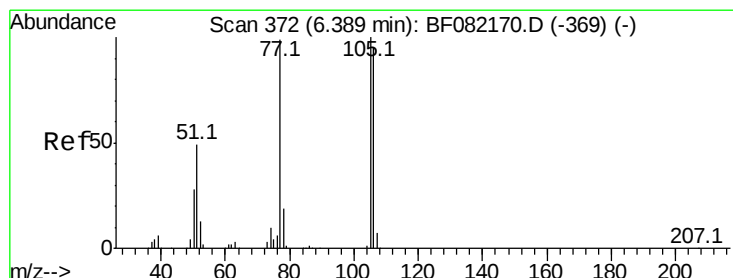
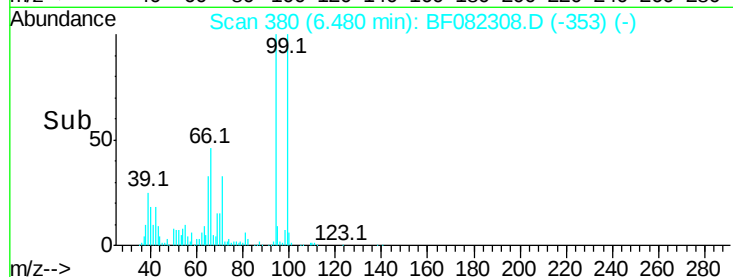
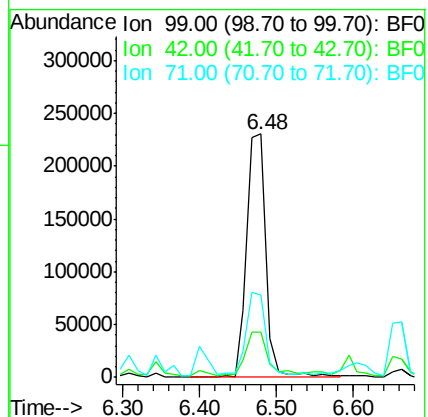
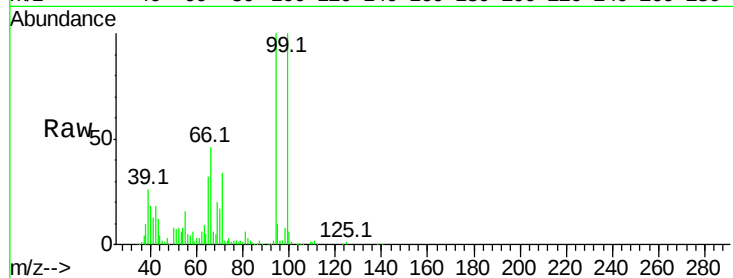
Tot Ion: 99 Resp: 397662

Ion Ratio Lower Upper

99 100

42 18.5 13.2 19.8

71 33.7 25.6 38.4



#9

Benzaldehyde

Concen: 21.74 ng

RT: 6.38 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF082308.D

Acq: 15 Oct 2015 14:42

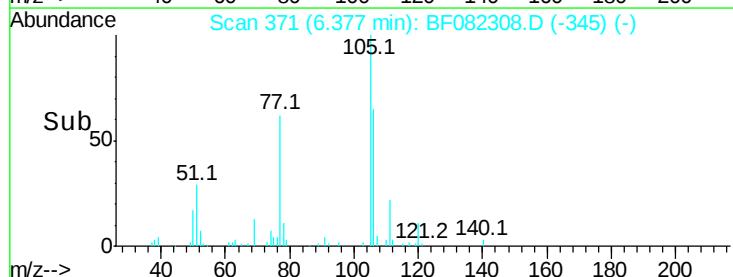
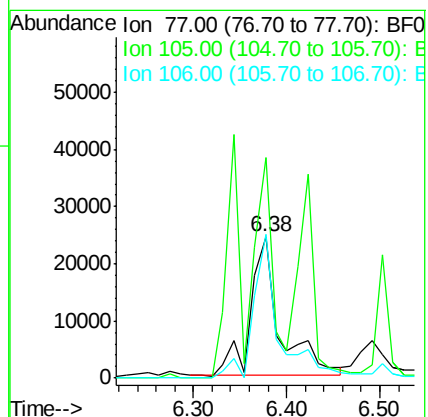
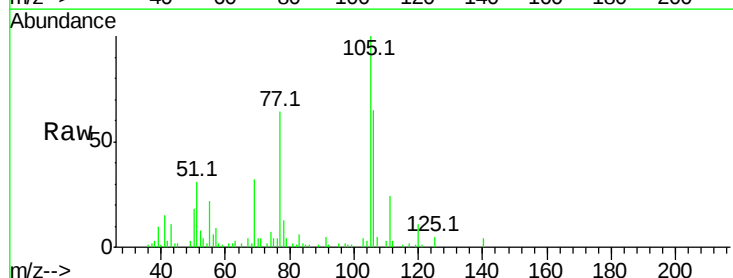
Tgt Ion: 77 Resp: 54100

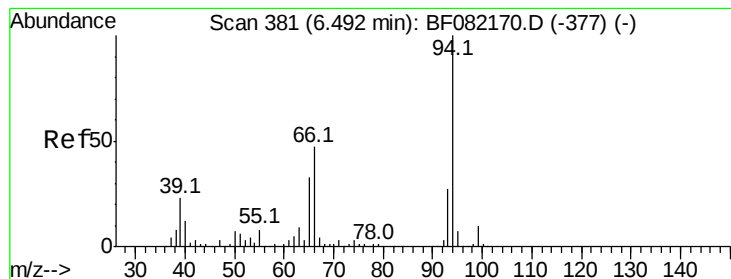
Ion Ratio Lower Upper

77 100

105 155.2 80.6 120.6#

106 101.1 75.5 115.5





#10

Phenol

Concen: 111.15 ng

RT: 6.49 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF082308.D

Acq: 15 Oct 2015 14:42

Instrument :

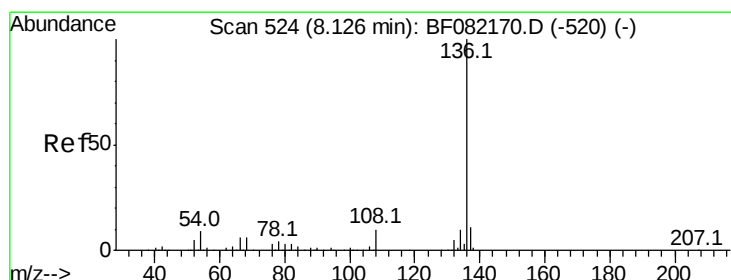
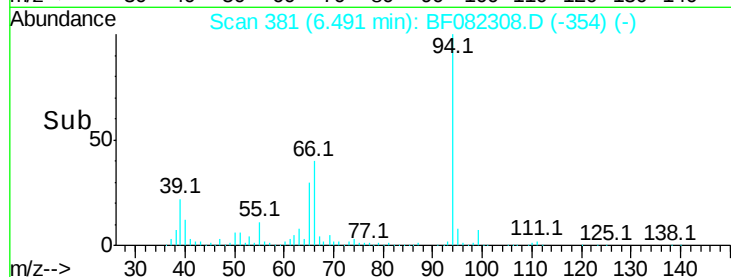
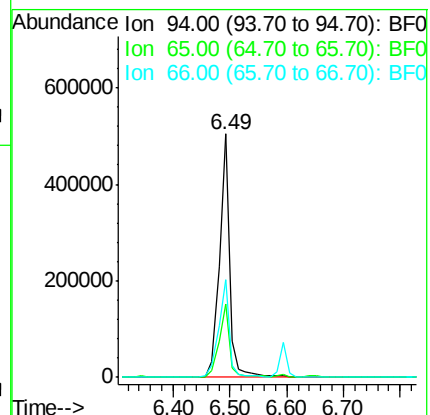
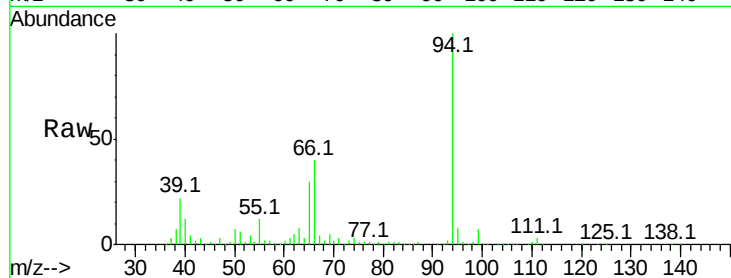
BNA_F

ClientSampleId :

LF-9

Tot Ion: 94 Resp: 624616

Ion	Ratio	Lower	Upper
94	100		
65	30.0	12.6	52.6
66	40.4	27.3	67.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

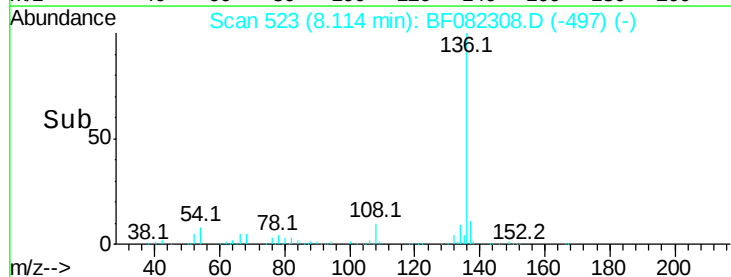
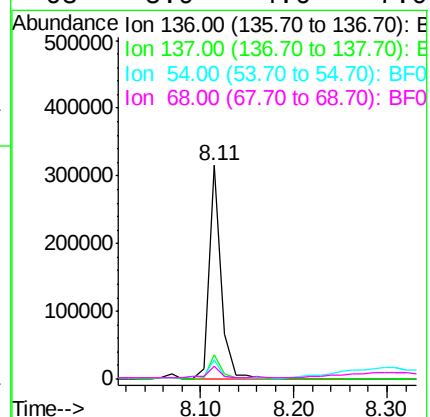
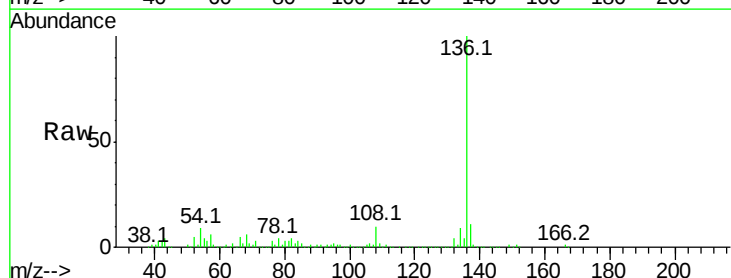
Delta R.T. 0.00 min

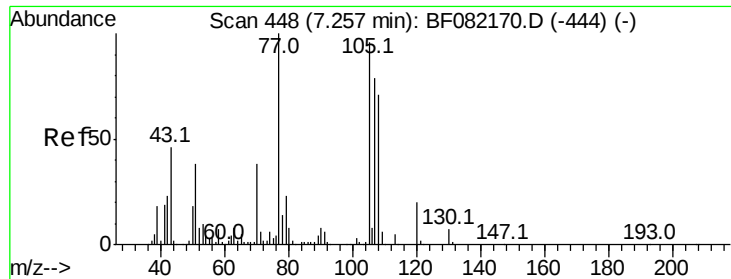
Lab File: BF082308.D

Acq: 15 Oct 2015 14:42

Tgt Ion: 136 Resp: 285432

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.9	7.5	11.3
68	5.9	4.6	7.0





#22

Acetophenone

Concen: 65.00 ng

RT: 7.25 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF082308.D

Acq: 15 Oct 2015 14:42

Instrument :

BNA_F

ClientSampleId :

LF-9

Tot Ion:105 Resp: 367004

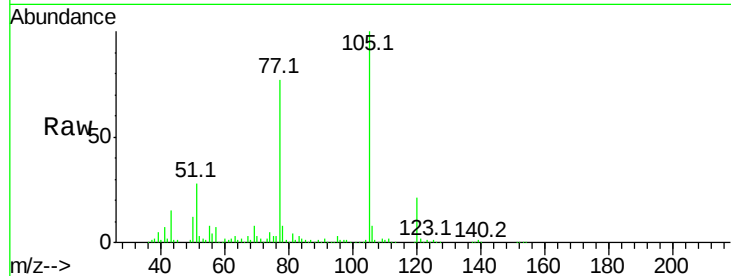
Ion Ratio Lower Upper

105 100

71 2.0 5.4 8.0#

51 27.9 31.8 47.6#

120 20.6 16.3 24.5



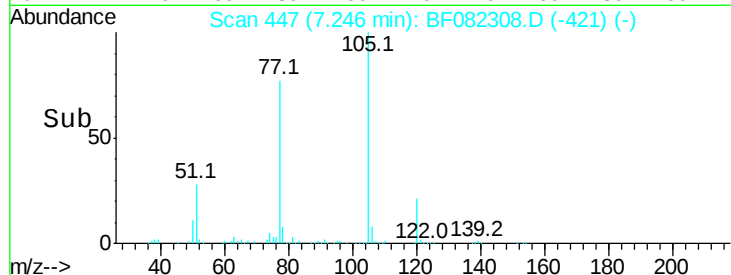
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

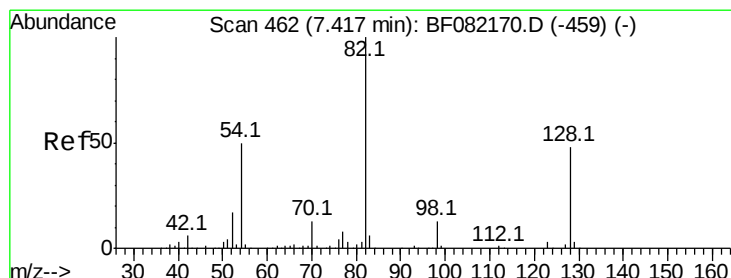
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 65.39 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF082308.D

Acq: 15 Oct 2015 14:42

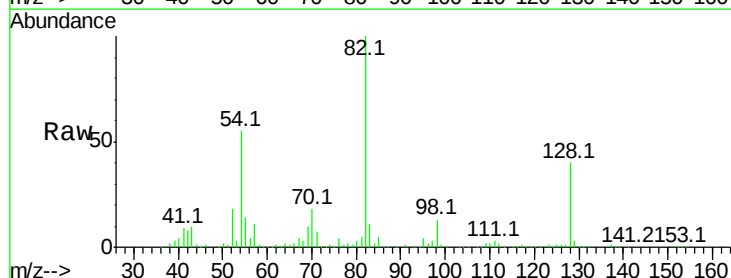
Tgt Ion: 82 Resp: 277911

Ion Ratio Lower Upper

82 100

128 40.0 38.7 58.1

54 55.4 40.1 60.1

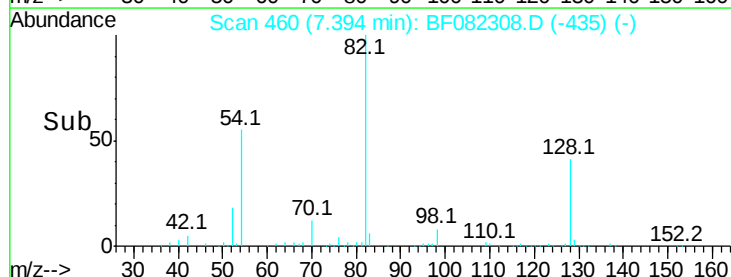


Abundance Ion 82.00 (81.70 to 82.70): BF0

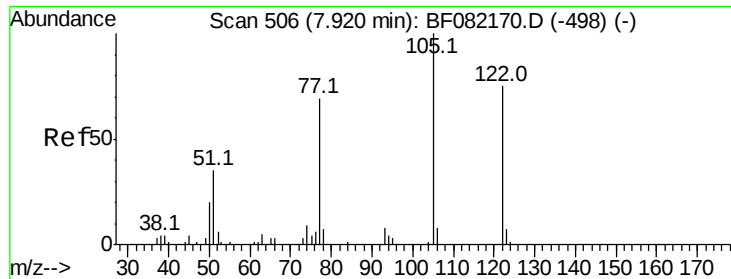
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->



Time-->



#32

Benzoic acid

Concen: 16.24 ng

RT: 8.05 min Scan# 517

Delta R.T. 0.14 min

Lab File: BF082308.D

Acq: 15 Oct 2015 14:42

Instrument :

BNA_F

ClientSampleId :

LF-9

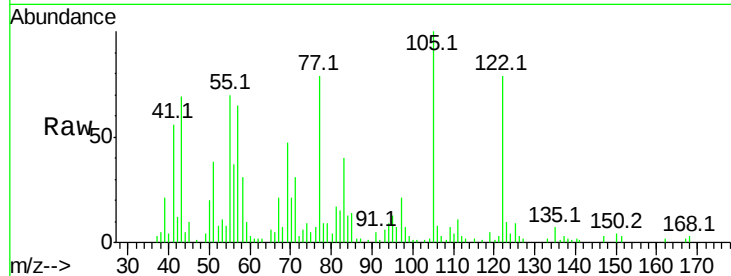
Tot Ion:122 Resp: 40351

Ion Ratio Lower Upper

122 100

105 127.4 104.4 144.4

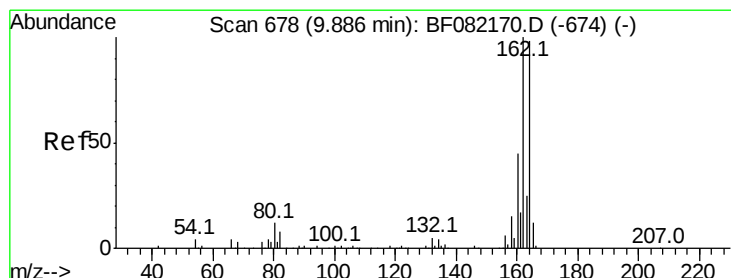
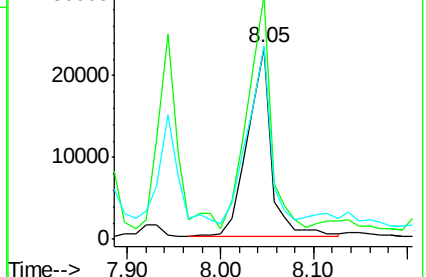
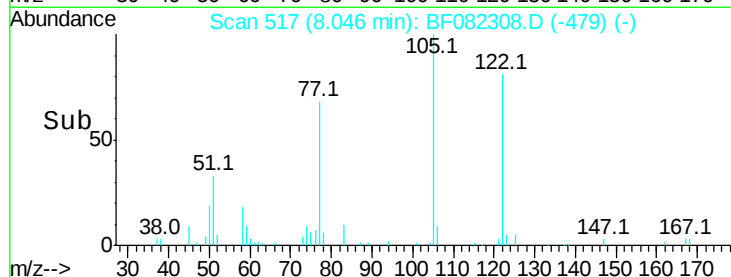
77 101.1 69.0 109.0



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: 9.87 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF082308.D

Acq: 15 Oct 2015 14:42

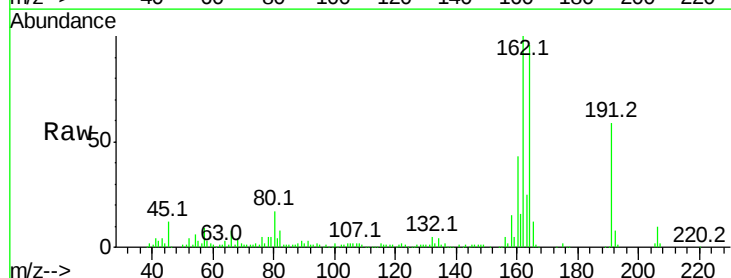
Tgt Ion:164 Resp: 133031

Ion Ratio Lower Upper

164 100

162 103.7 81.6 122.4

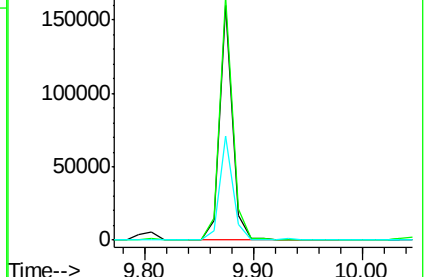
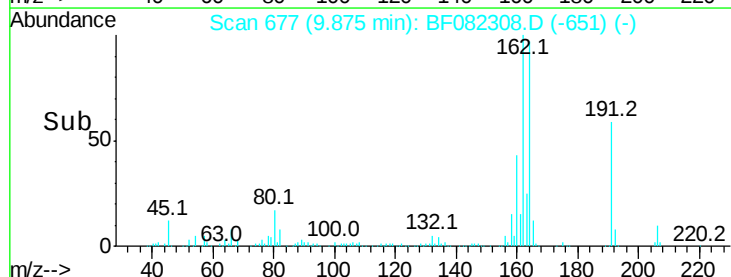
160 44.3 36.4 54.6

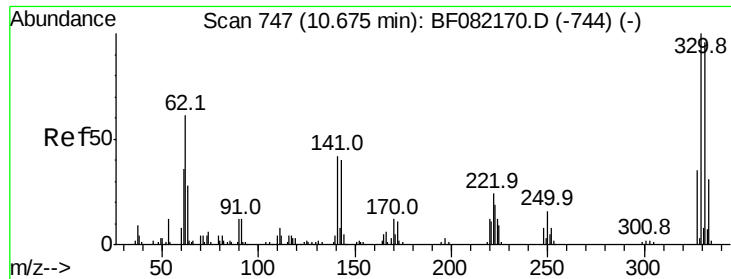


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

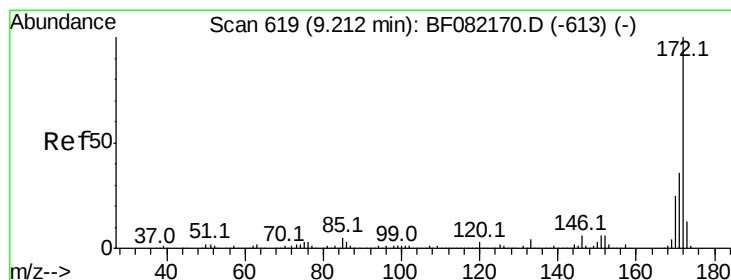
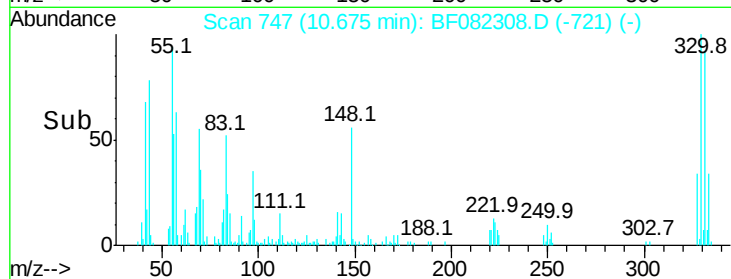
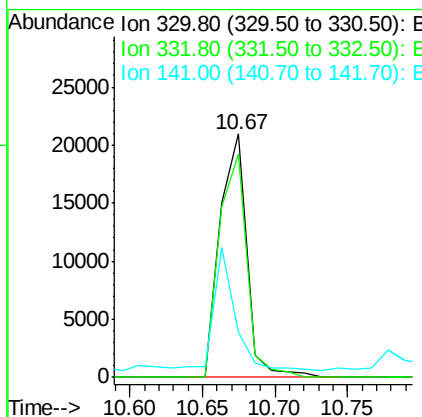
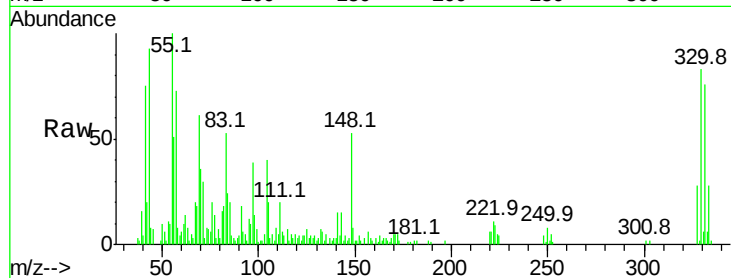




#41
 2,4,6-Tribromophenol
 Concen: 21.65 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082308.D
 Acq: 15 Oct 2015 14:42

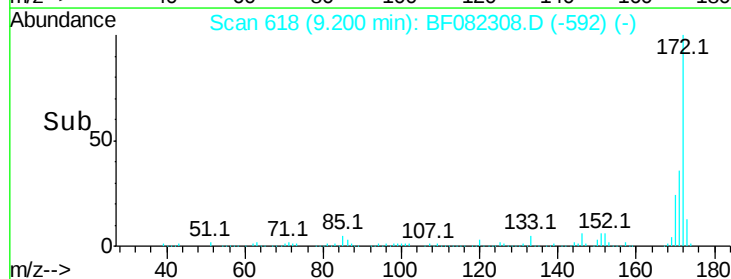
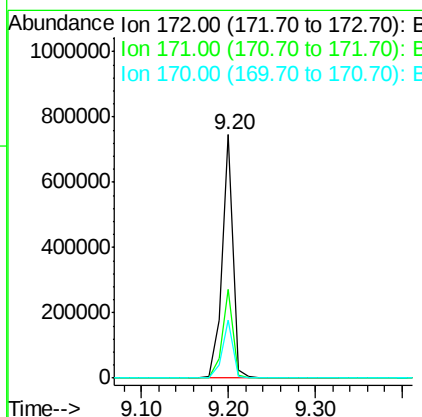
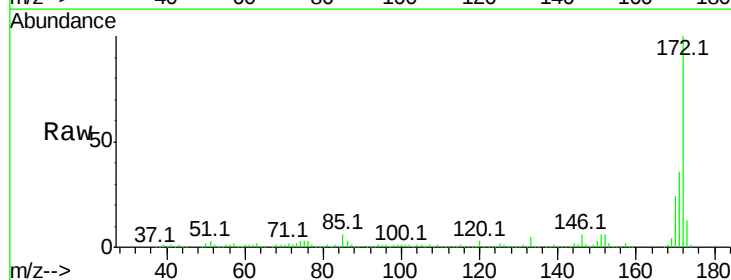
Instrument :
 BNA_F
 ClientSampled :
 LF-9

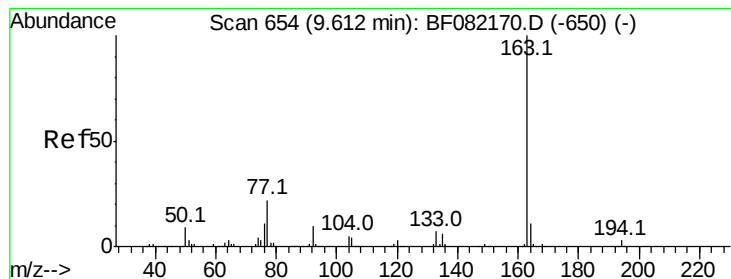
Tot Ion:330 Resp: 27013
 Ion Ratio Lower Upper
 330 100
 332 93.8 77.1 115.7
 141 39.3 29.8 44.8



#44
 2-Fluorobiphenyl
 Concen: 82.69 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082308.D
 Acq: 15 Oct 2015 14:42

Tgt Ion:172 Resp: 663361
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 42.8
 170 24.0 19.7 29.5





#49

Dimethylphthalate

Concen: 8.09 ng

RT: 9.60 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF082308.D

Acq: 15 Oct 2015 14:42

Instrument :

BNA_F

ClientSampleId :

LF-9

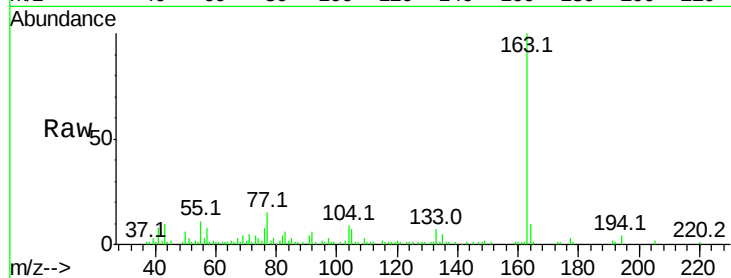
Tot Ion:163 Resp: 75826

Ion Ratio Lower Upper

163 100

194 4.2 2.6 4.0#

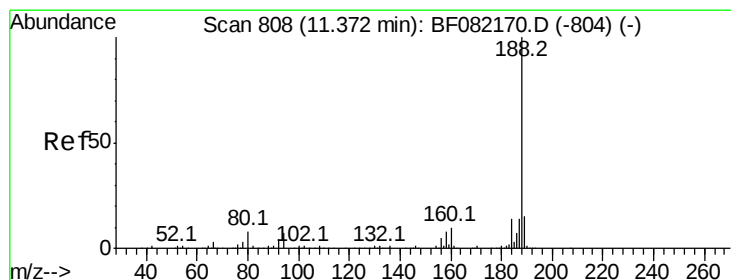
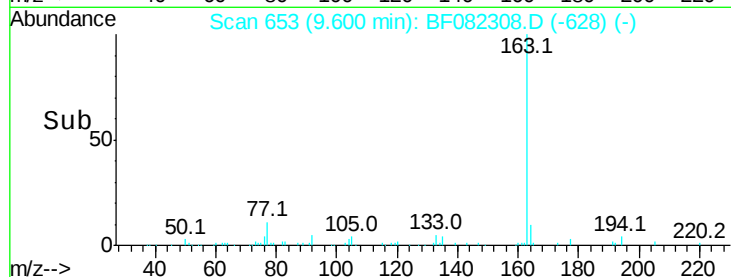
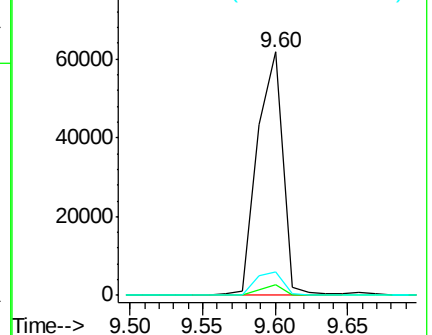
164 9.7 8.5 12.7



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: 11.37 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF082308.D

Acq: 15 Oct 2015 14:42

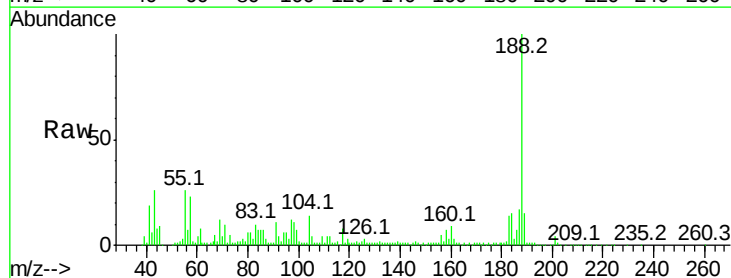
Tgt Ion:188 Resp: 205549

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.6

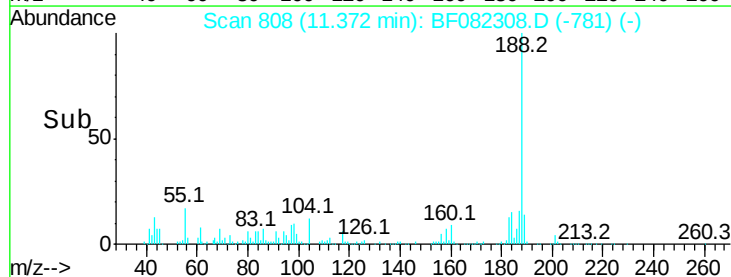
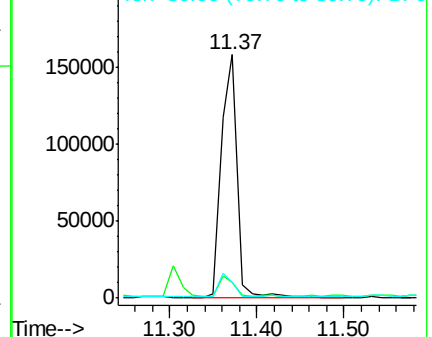
80 6.4 6.4 9.6

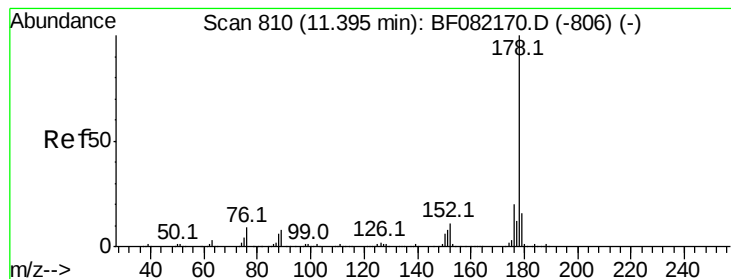


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 2.26 ng

RT: 11.39 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF082308.D

Acq: 15 Oct 2015 14:42

Instrument :

BNA_F

ClientSampled :

LF-9

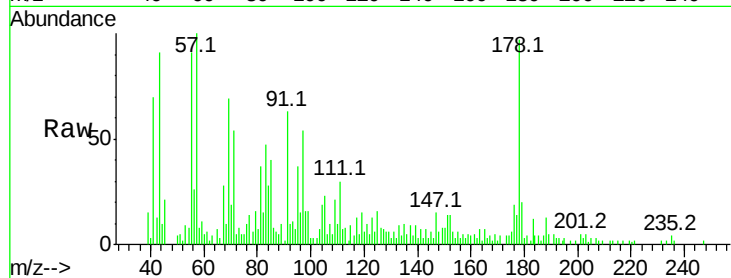
Tot Ion:178 Resp: 22816

Ion Ratio Lower Upper

178 100

176 19.5 16.0 24.0

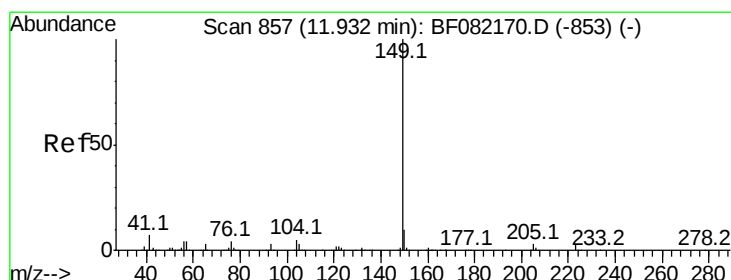
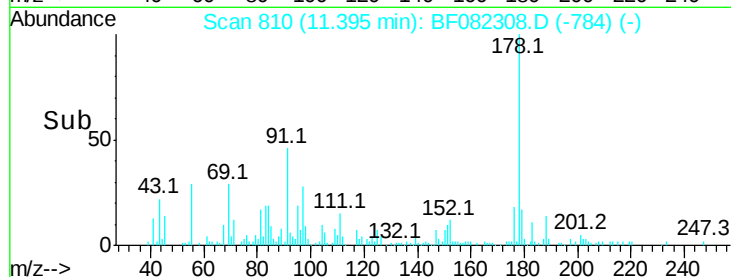
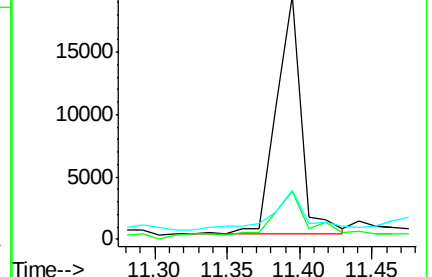
179 20.3 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Di-n-butylphthalate

Concen: 145.18 ng

RT: 11.94 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF082308.D

Acq: 15 Oct 2015 14:42

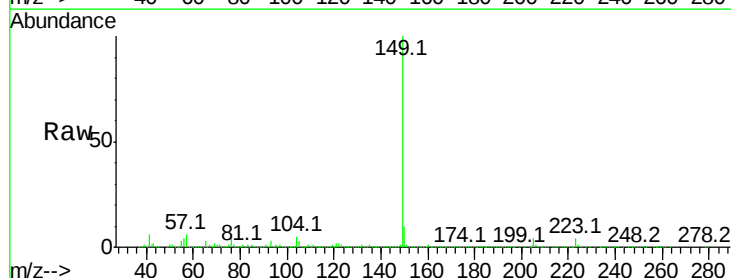
Tgt Ion:149 Resp: 1696254

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

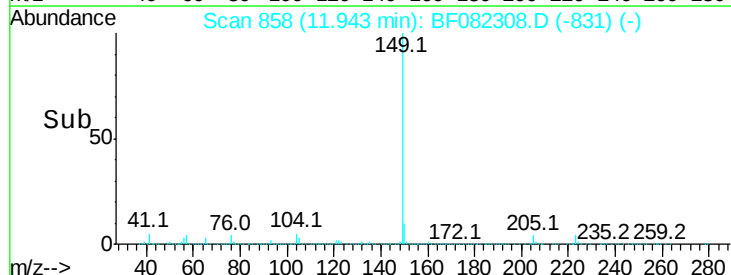
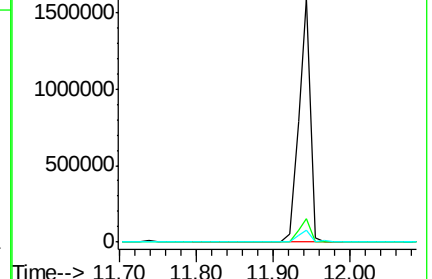
104 4.7 3.8 5.8

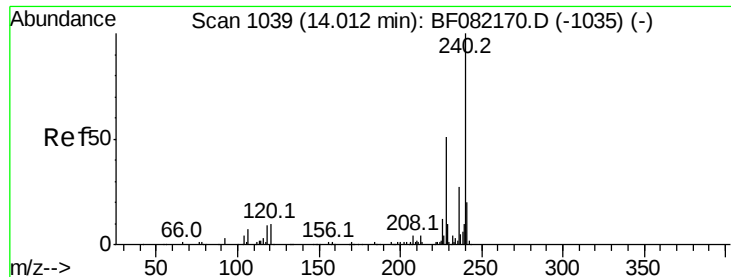


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1047

Delta R.T. 0.01 min

Lab File: BF082308.D

Acq: 15 Oct 2015 14:42

Instrument :

BNA_F

ClientSampleId :

LF-9

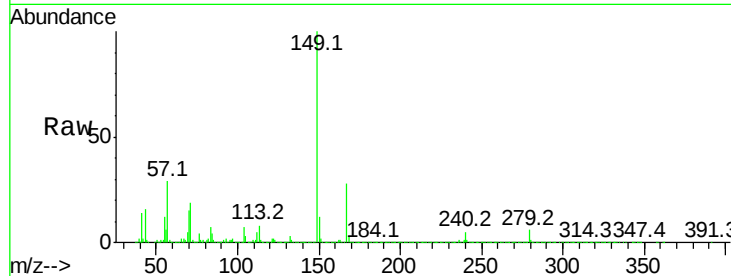
Tot Ion:240 Resp: 119026

Ion Ratio Lower Upper

240 100

120 7.9 8.1 12.1#

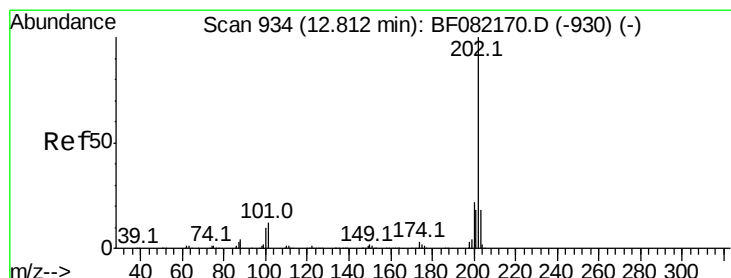
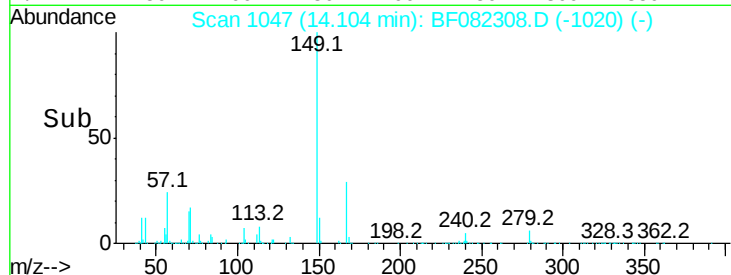
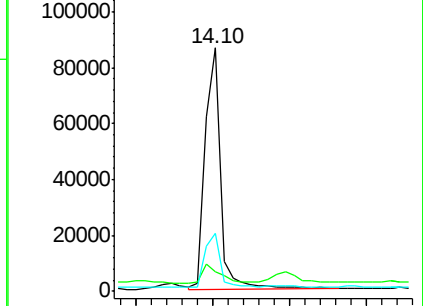
236 24.0 21.3 31.9



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



#77

Pyrene

Concen: 2.69 ng

RT: 12.82 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF082308.D

Acq: 15 Oct 2015 14:42

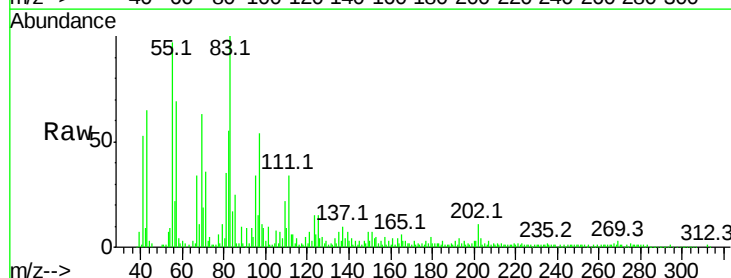
Tgt Ion:202 Resp: 18971

Ion Ratio Lower Upper

202 100

200 26.7 17.9 26.9

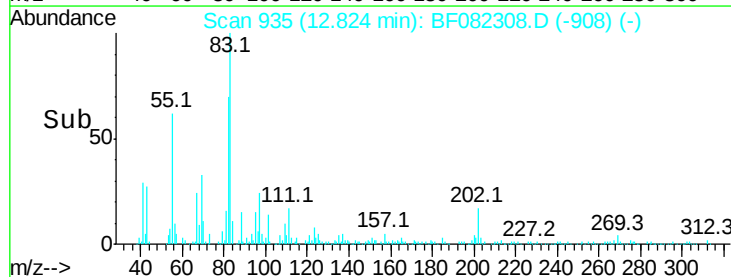
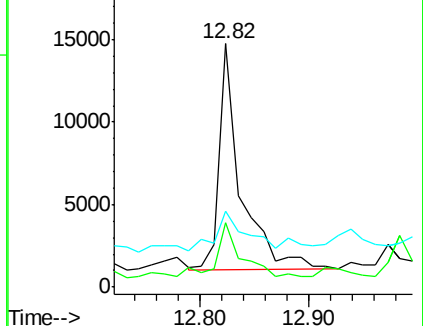
203 31.3 14.5 21.7#

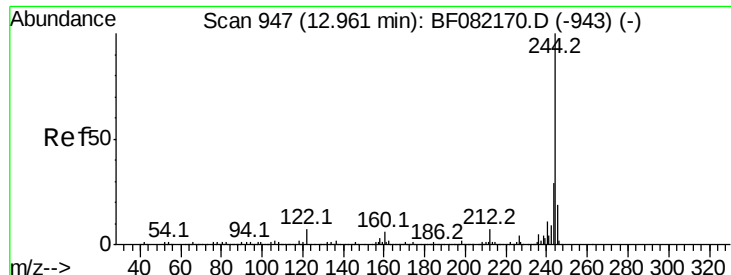


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 90.96 ng

RT: 12.97 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF082308.D

Acq: 15 Oct 2015 14:42

Instrument :

BNA_F

ClientSampled :

LF-9

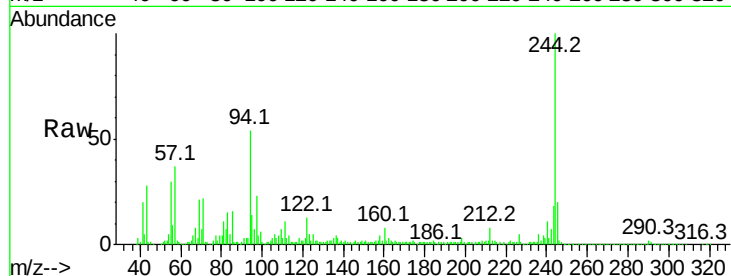
Tot Ion:244 Resp: 408567

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

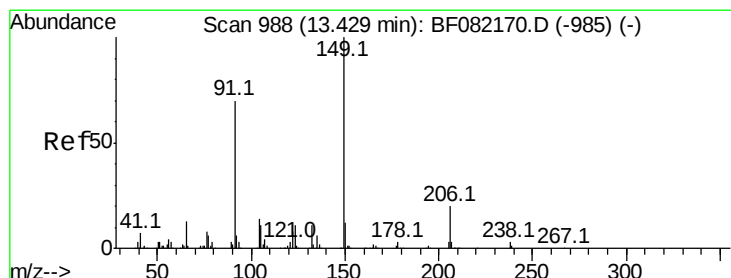
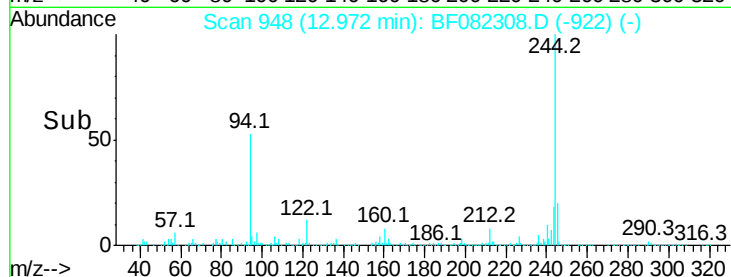
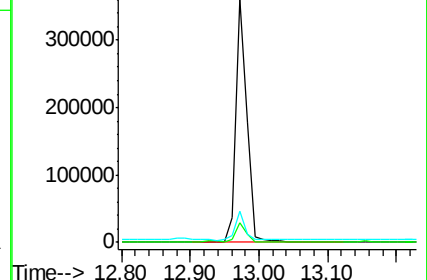
122 13.0 5.9 8.9#



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



#79

Butylbenzylphthalate

Concen: 22.66 ng

RT: 13.48 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF082308.D

Acq: 15 Oct 2015 14:42

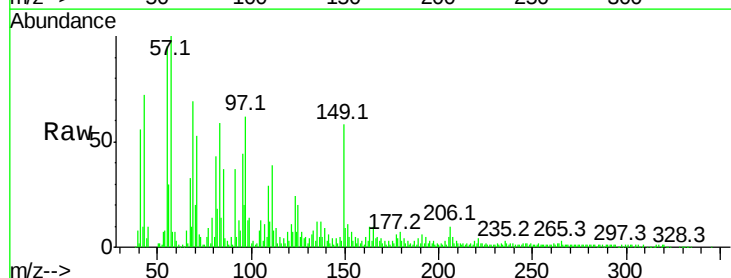
Tgt Ion:149 Resp: 73056

Ion Ratio Lower Upper

149 100

91 63.0 55.7 83.5

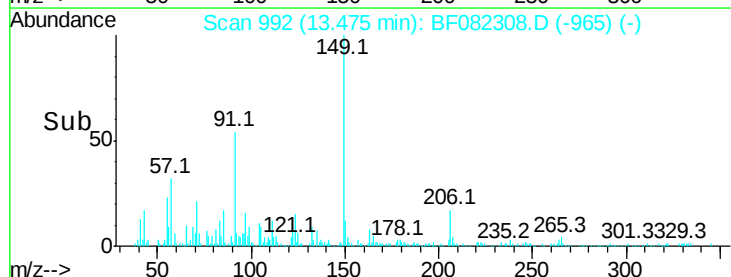
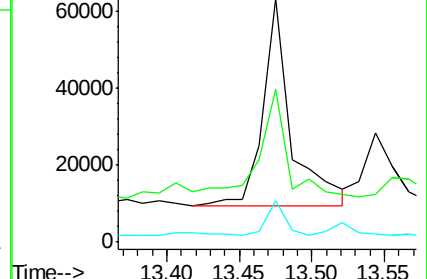
206 17.0 15.6 23.4

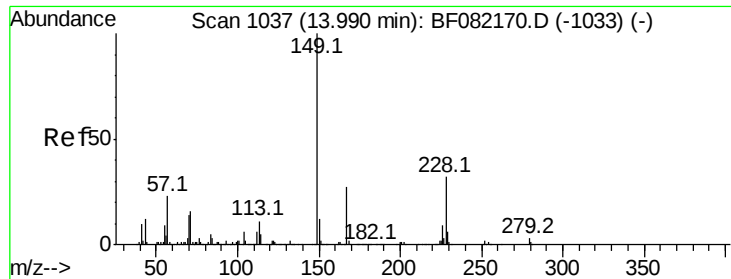


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

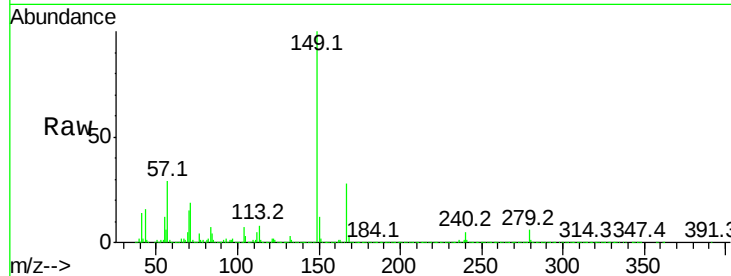




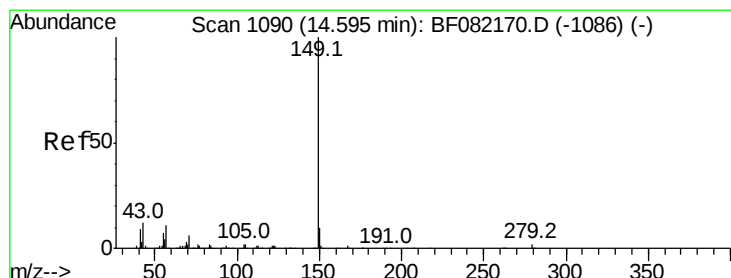
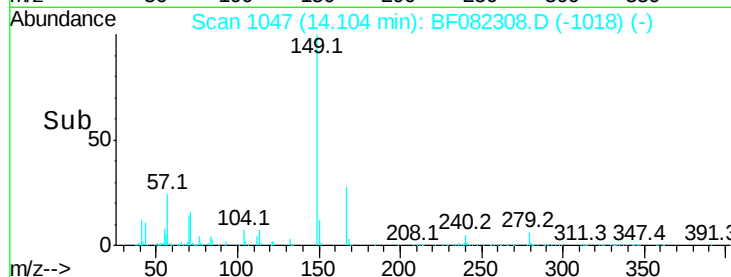
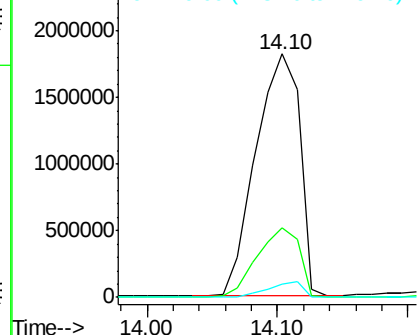
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 925.84 ng
 RT: 14.10 min Scan# 1047
 Delta R.T. 0.03 min
 Lab File: BF082308.D
 Acq: 15 Oct 2015 14:42

Instrument :
 BNA_F
 ClientSampleId :
 LF-9

Tot Ion:149 Resp: 4257966
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.3 31.9
 279 5.7 2.6 4.0#

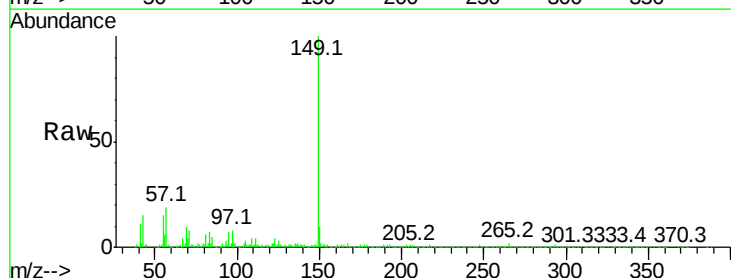


Abundance Ion 149.00 (148.70 to 149.70): E
 2500000 Ion 167.00 (166.70 to 167.70): E
 2000000 Ion 279.00 (278.70 to 279.70): E

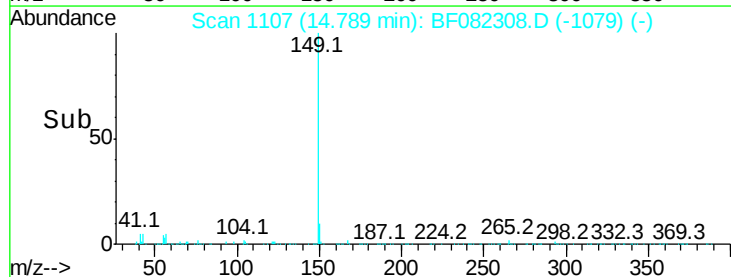
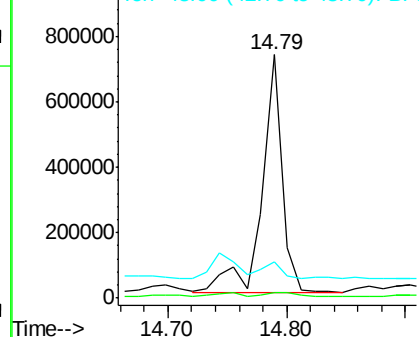


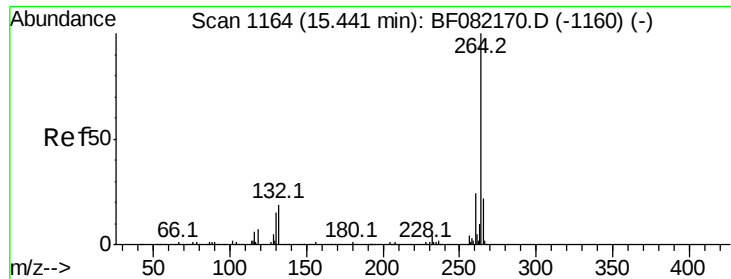
#84
 Di-n-octyl phthalate
 Concen: 111.06 ng
 RT: 14.79 min Scan# 1107
 Delta R.T. 0.02 min
 Lab File: BF082308.D
 Acq: 15 Oct 2015 14:42

Tgt Ion:149 Resp: 877150
 Ion Ratio Lower Upper
 149 100
 167 2.5 1.3 1.9#
 43 0.0 7.4 11.2#



Abundance Ion 149.00 (148.70 to 149.70): E
 1000000 Ion 167.00 (166.70 to 167.70): E
 800000 Ion 43.00 (42.70 to 43.70): BF0

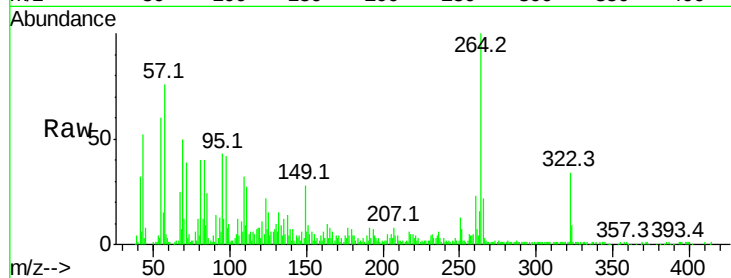




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1185
Delta R.T. 0.02 min
Lab File: BF082308.D
Acq: 15 Oct 2015 14:42

Instrument :
BNA_F
ClientSampleId :
LF-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.6
265	22.4	17.3	25.9



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

