

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082292.D
 Acq On : 14 Oct 2015 21:33
 Operator : UM/IZ
 Sample : G4015-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF-6

Quant Time: Oct 15 01:50:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 01:42:16 2015
 Response via : Initial Calibration

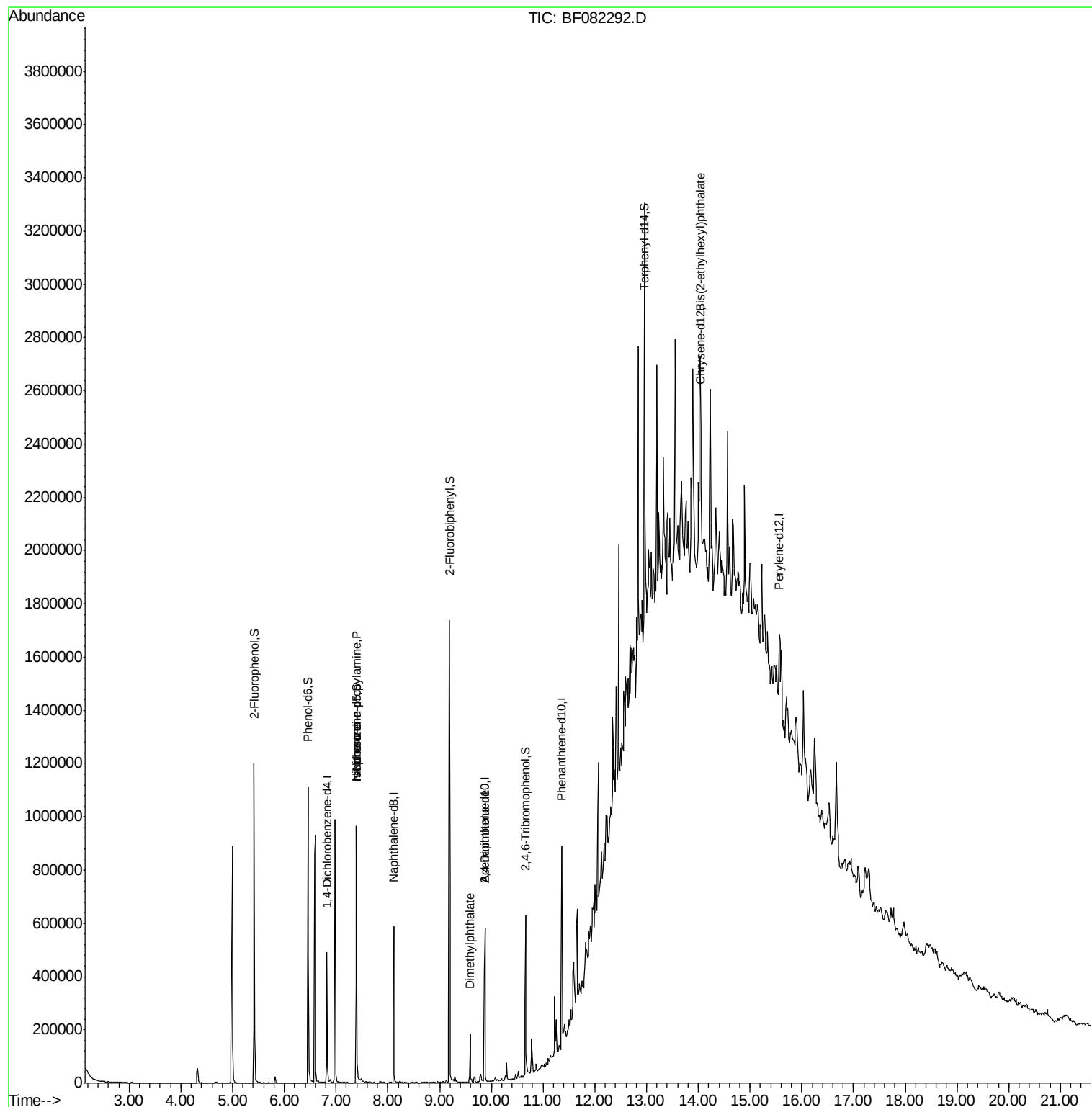
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	80266	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	313128	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	150745	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	300354	20.00	ng	0.00
75) Chrysene-d12	14.05	240	173865	20.00	ng	-0.08
86) Perylene-d12	15.57	264	164013	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	327180	82.27	ng	0.01
7) Phenol-d6	6.46	99	462922	89.44	ng	-0.01
23) Nitrobenzene-d5	7.39	82	367428	78.80	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	88047	62.28	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	682287	75.06	ng	-0.01
78) Terphenyl-d14	12.96	244	535294	81.59	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	48382	13.31	ng	# 76
25) Isophorone	7.39	82	267352	28.41	ng	# 66
49) Dimethylphthalate	9.59	163	75534	7.12	ng	99
56) 2,4-Dinitrotoluene	9.87	165	19122	6.83	ng	# 23
83) Bis(2-ethylhexyl)phthalate	14.04	149	335590	49.95	ng	# 97

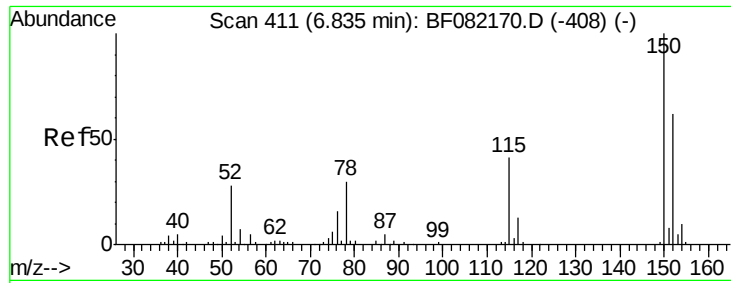
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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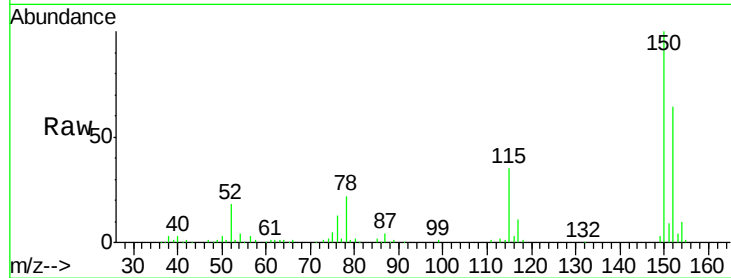


#1

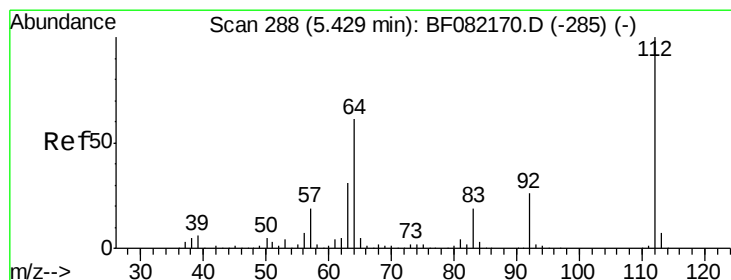
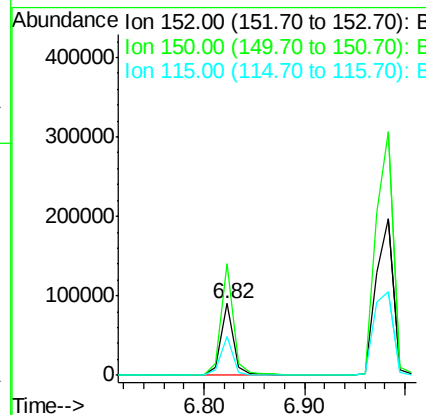
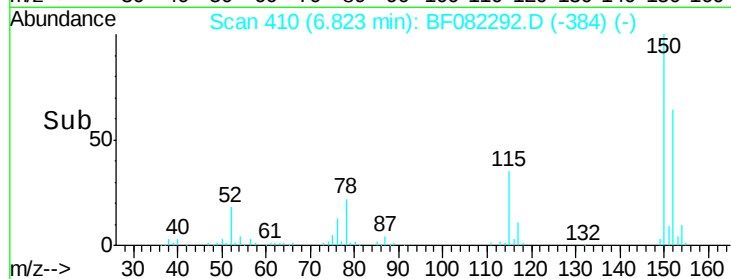
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF082292.D
Acq: 14 Oct 2015 21:33

Instrument :
BNA_F
ClientSampleId :
LF-6

Tot Ion:152 Resp: 80266
Ion Ratio Lower Upper
152 100
150 155.5 129.0 193.4
115 54.9 52.1 78.1



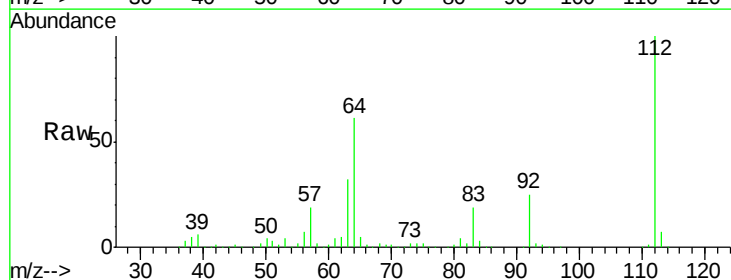
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



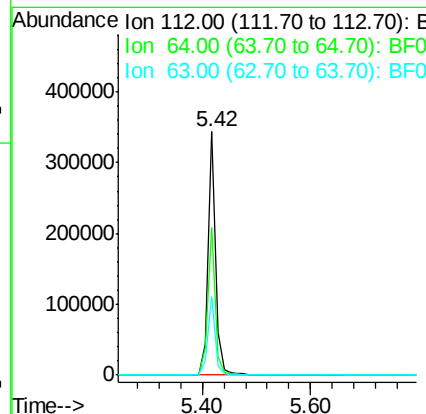
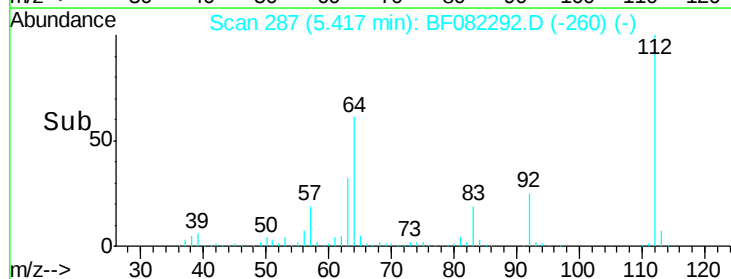
#5

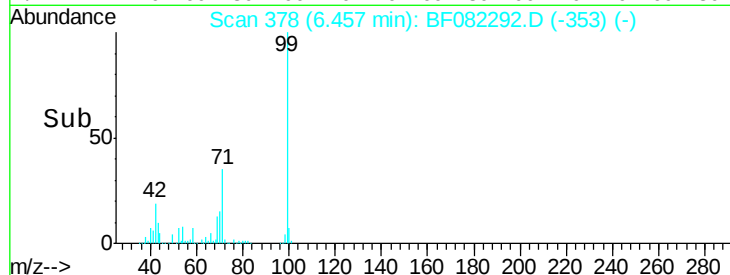
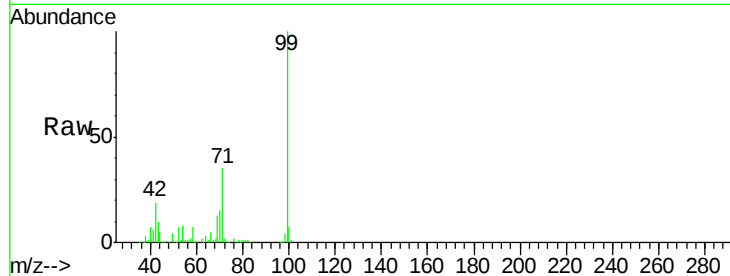
2-Fluorophenol
Concen: 82.27 ng
RT: 5.42 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF082292.D
Acq: 14 Oct 2015 21:33

Tgt Ion:112 Resp: 327180
Ion Ratio Lower Upper
112 100
64 60.8 48.6 73.0
63 32.3 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: 89.44 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082292.D

Acq: 14 Oct 2015 21:33

Instrument :

BNA_F

ClientSampled :

LF-6

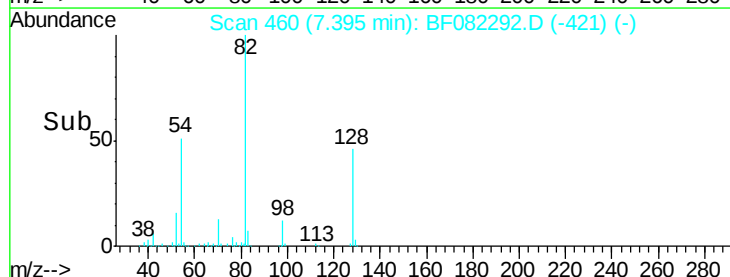
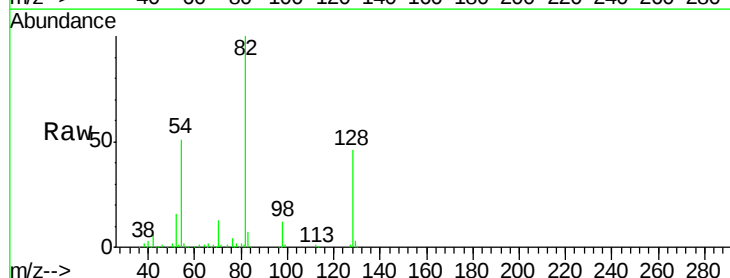
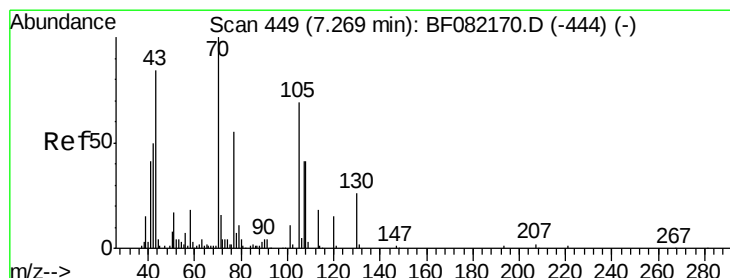
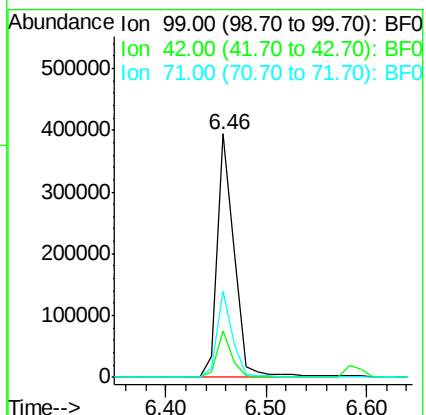
Tot Ion: 99 Resp: 462922

Ion Ratio Lower Upper

99 100

42 19.2 13.2 19.8

71 35.5 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.31 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF082292.D

Acq: 14 Oct 2015 21:33

Tgt Ion: 70 Resp: 48382

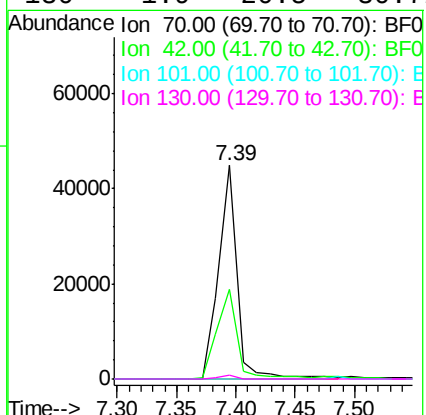
Ion Ratio Lower Upper

70 100

42 41.7 39.8 59.8

101 0.0 8.6 13.0#

130 1.9 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF082292.D

Acq: 14 Oct 2015 21:33

Instrument :

BNA_F

ClientSampleId :

LF-6

Tot Ion:136 Resp: 313128

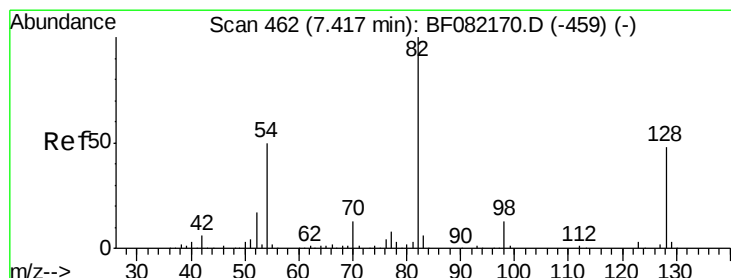
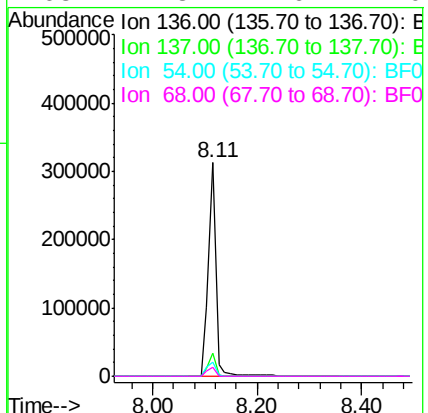
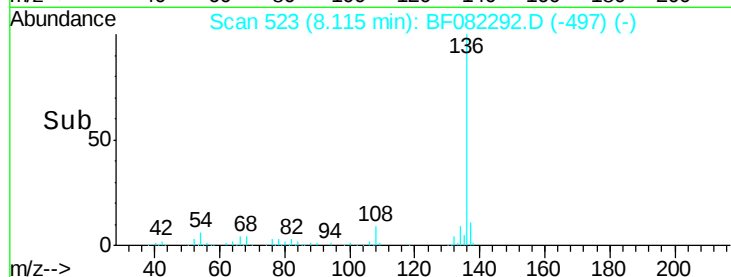
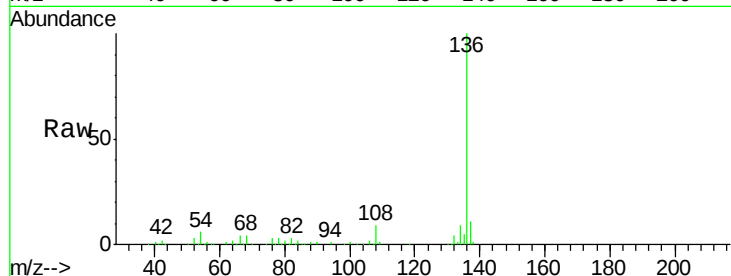
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 6.4 7.5 11.3#

68 4.3 4.6 7.0#



#23

Nitrobenzene-d5

Concen: 78.80 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF082292.D

Acq: 14 Oct 2015 21:33

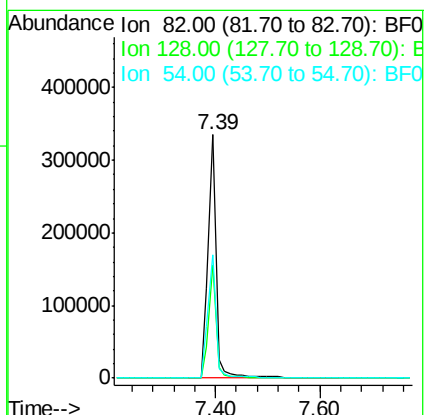
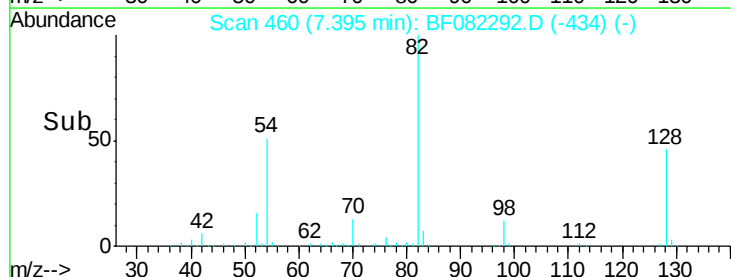
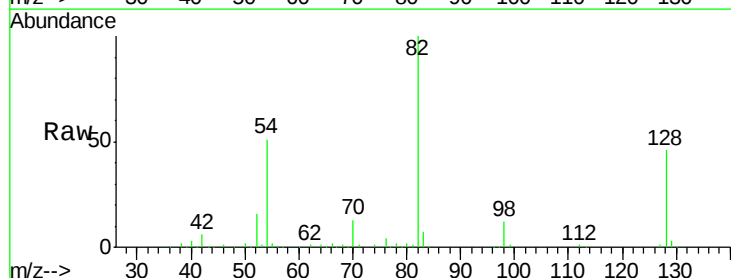
Tgt Ion: 82 Resp: 367428

Ion Ratio Lower Upper

82 100

128 46.3 38.7 58.1

54 50.6 40.1 60.1





#25

Isophorone

Concen: 28.41 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF082292.D

Acq: 14 Oct 2015 21:33

Instrument :

BNA_F

ClientSampled :

LF-6

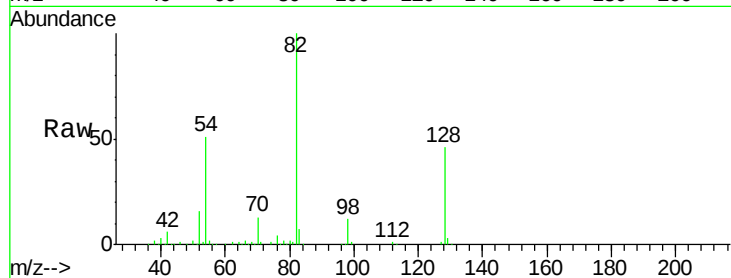
Tot Ion: 82 Resp: 267352

Ion Ratio Lower Upper

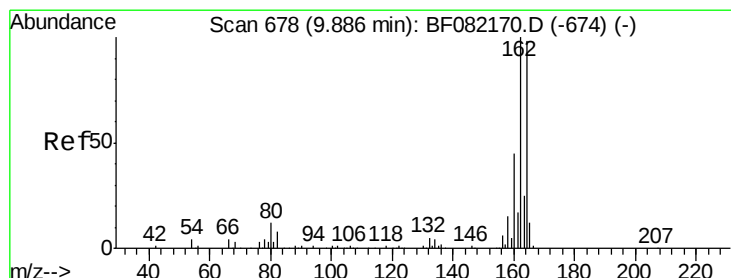
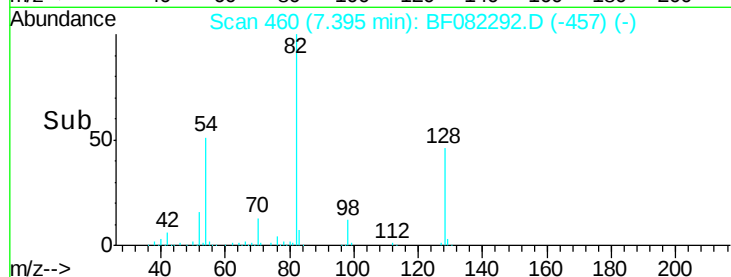
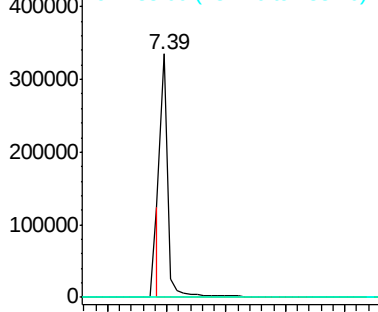
82 100

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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF082292.D

Acq: 14 Oct 2015 21:33

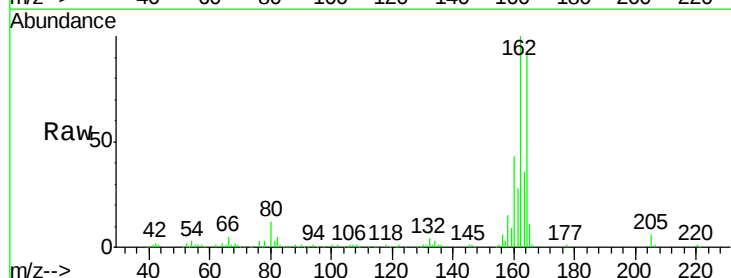
Tgt Ion:164 Resp: 150745

Ion Ratio Lower Upper

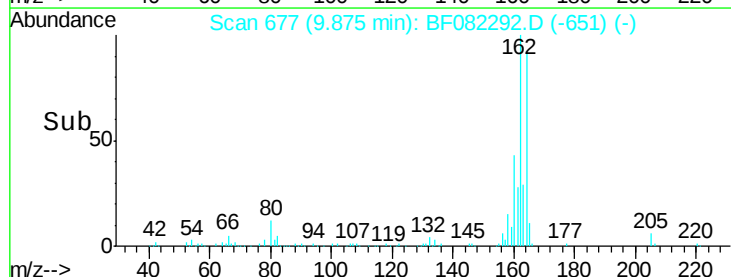
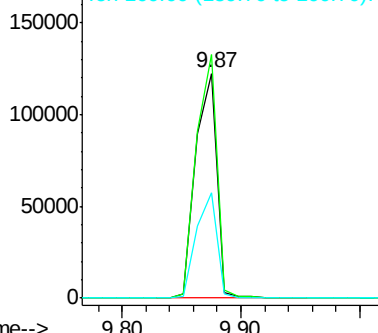
164 100

162 108.4 81.6 122.4

160 47.1 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

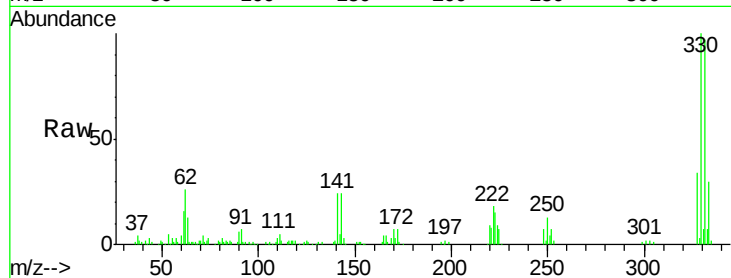




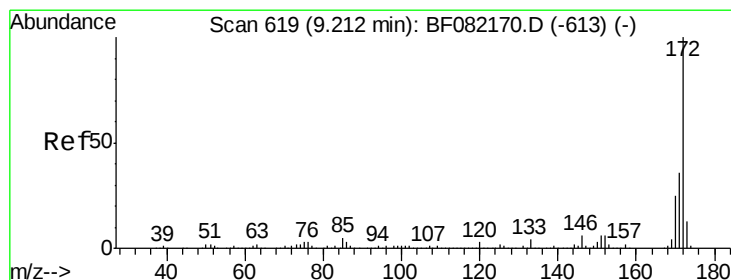
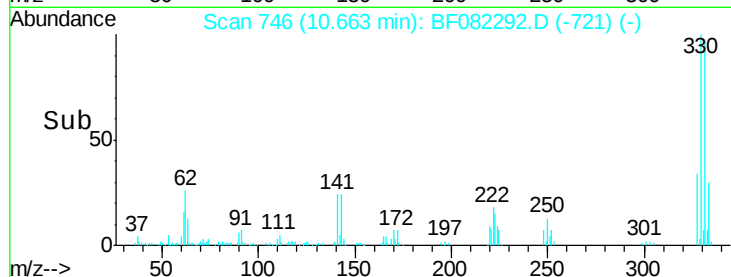
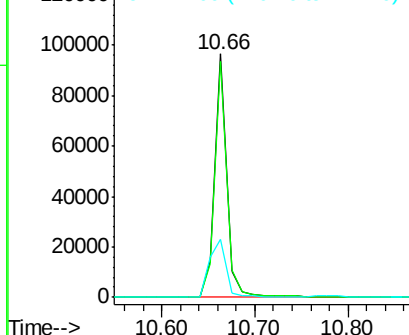
#41
 2,4,6-Tribromophenol
 Concen: 62.28 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082292.D
 Acq: 14 Oct 2015 21:33

Instrument :
 BNA_F
 ClientSampleId :
 LF-6

Tot Ion:330 Resp: 88047
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.1 115.7
 141 33.8 29.8 44.8

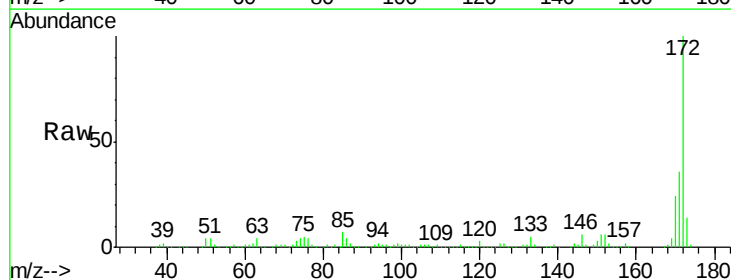


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

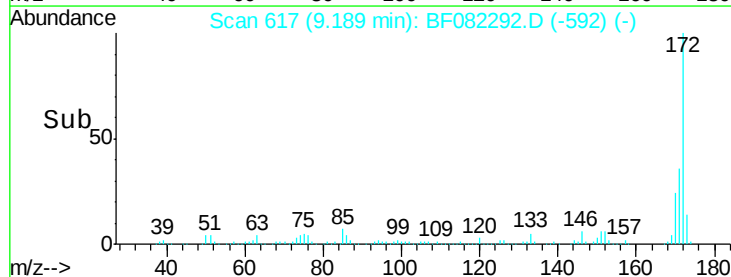
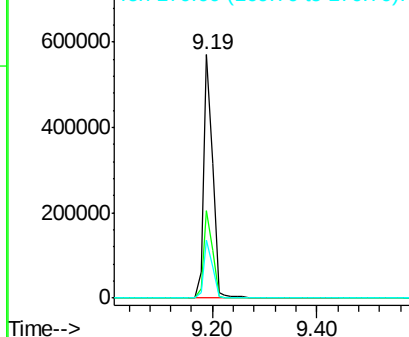


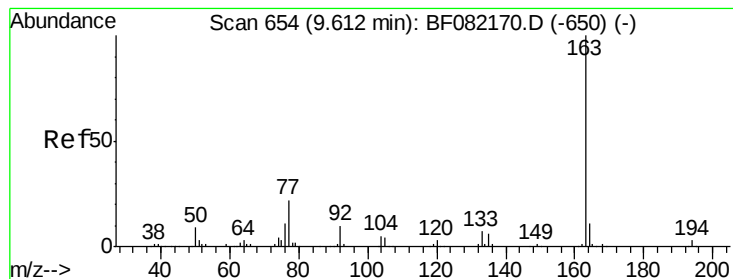
#44
 2-Fluorobiphenyl
 Concen: 75.06 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082292.D
 Acq: 14 Oct 2015 21:33

Tgt Ion:172 Resp: 682287
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 42.8
 170 23.9 19.7 29.5



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





#49

Dimethylphthalate

Concen: 7.12 ng

RT: 9.59 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF082292.D

Acq: 14 Oct 2015 21:33

Instrument :

BNA_F

ClientSampleId :

LF-6

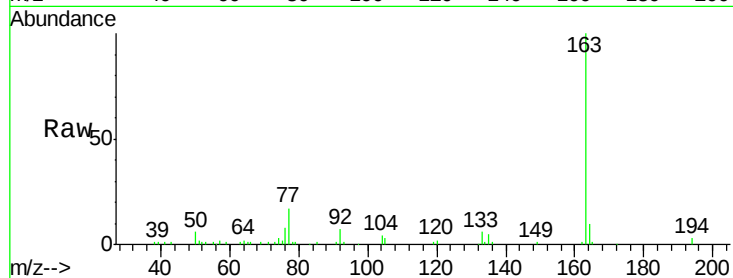
Tot Ion:163 Resp: 75534

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

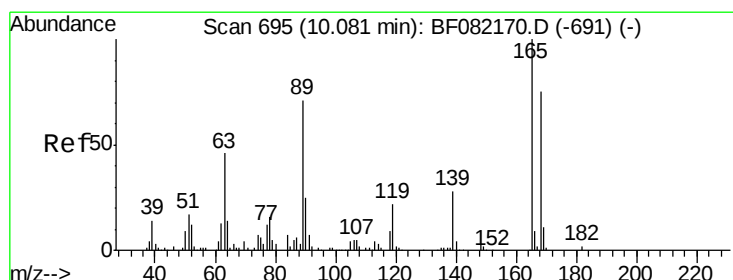
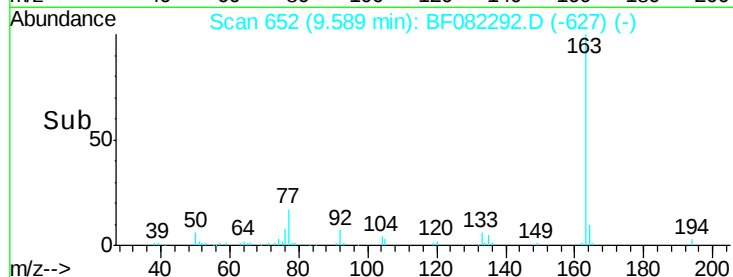
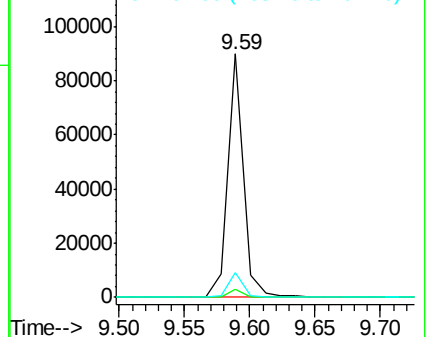
164 10.0 8.5 12.7



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



#56

2,4-Dinitrotoluene

Concen: 6.83 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.19 min

Lab File: BF082292.D

Acq: 14 Oct 2015 21:33

Tgt Ion:165 Resp: 19122

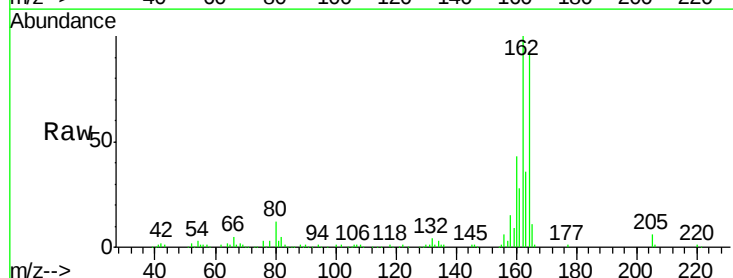
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 2.0 57.0 85.6#

182 0.0 1.8 2.6#

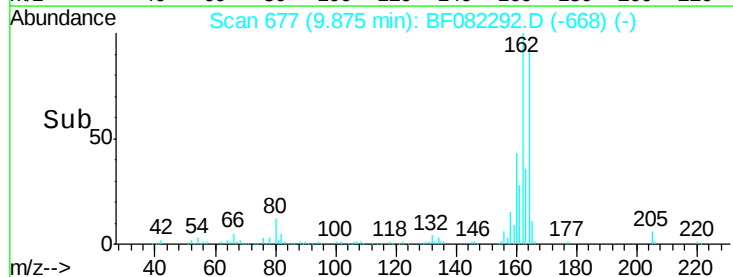
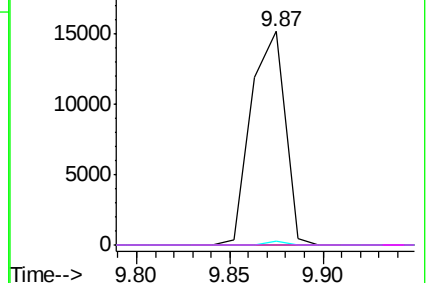


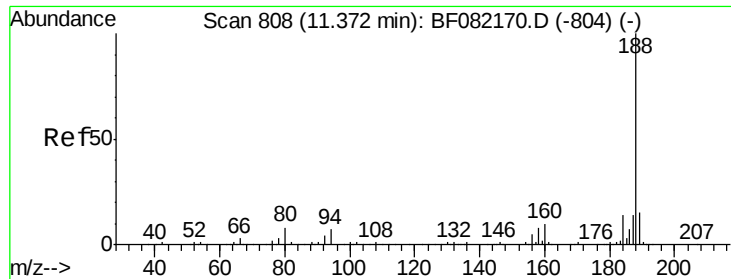
Abundance Ion 165.00 (164.70 to 165.70): E

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

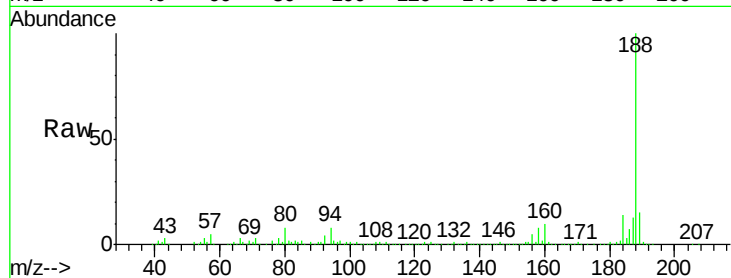




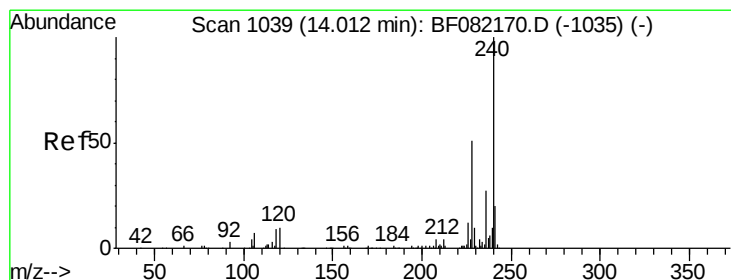
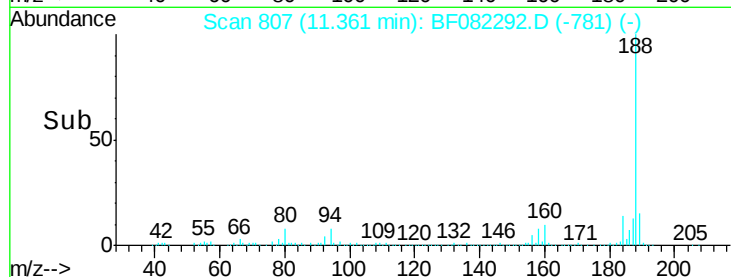
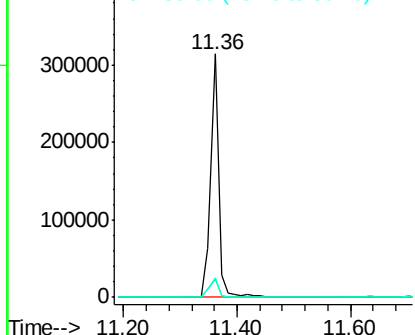
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF082292.D
Acq: 14 Oct 2015 21:33

Instrument :
BNA_F
ClientSampleId :
LF-6

Tot Ion:188 Resp: 300354
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.6
80 7.9 6.4 9.6

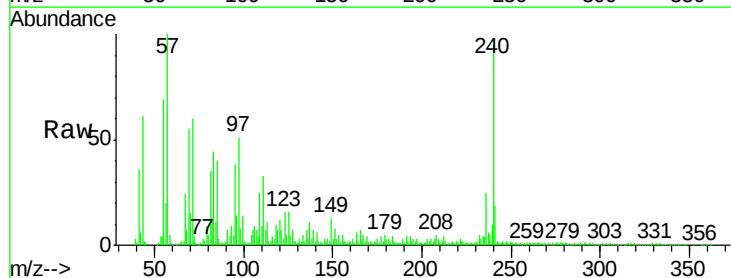


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

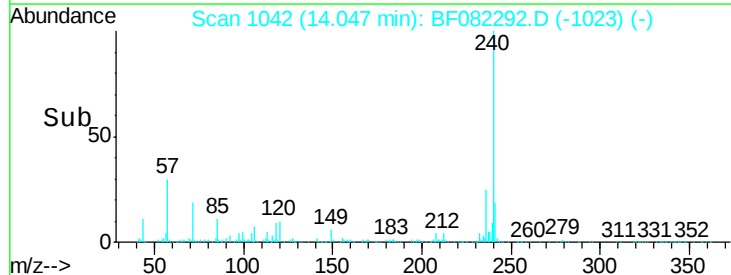
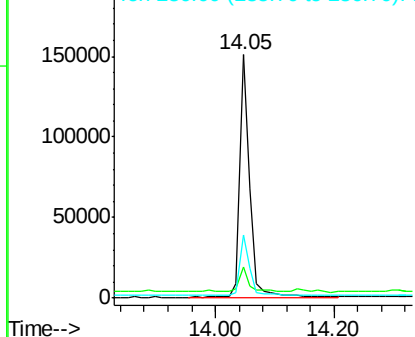


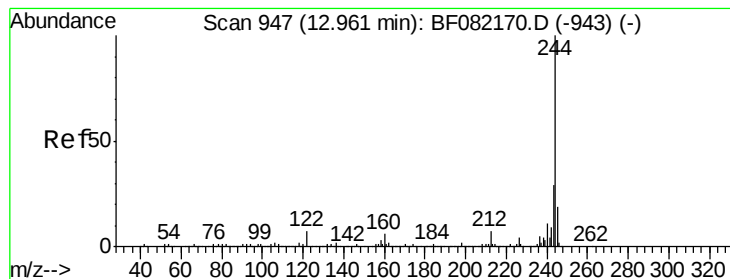
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.08 min
Lab File: BF082292.D
Acq: 14 Oct 2015 21:33

Tgt Ion:240 Resp: 173865
Ion Ratio Lower Upper
240 100
120 13.0 8.1 12.1#
236 25.9 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: 81.59 ng

RT: 12.96 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF082292.D

Acq: 14 Oct 2015 21:33

Instrument :

BNA_F

ClientSampleId :

LF-6

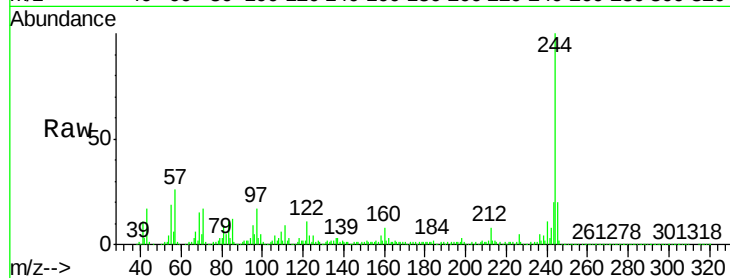
Tot Ion:244 Resp: 535294

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

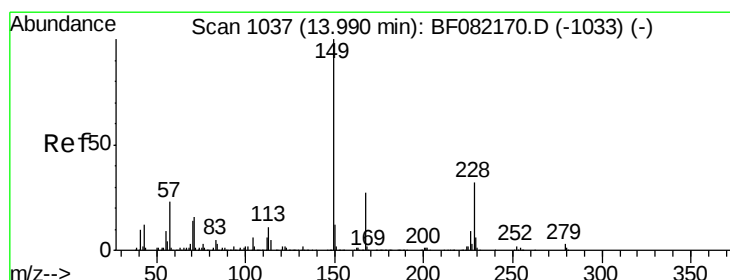
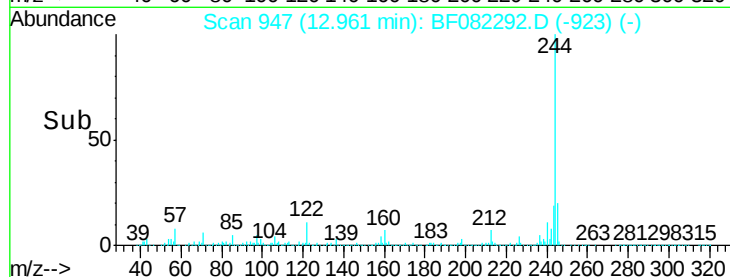
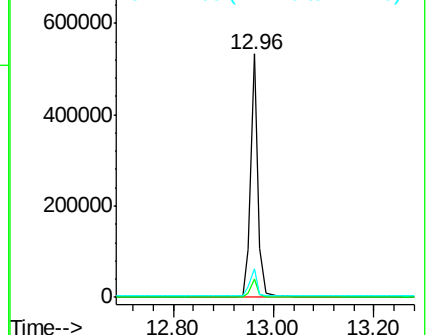
122 11.5 5.9 8.9#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 49.95 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.08 min

Lab File: BF082292.D

Acq: 14 Oct 2015 21:33

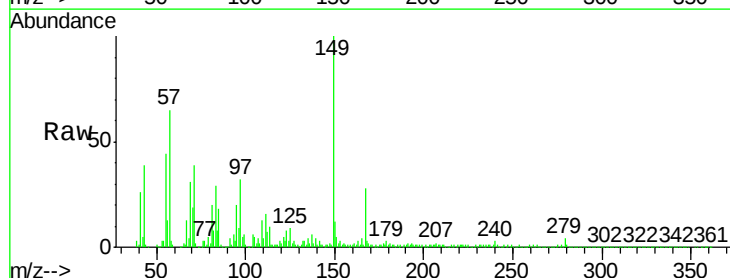
Tgt Ion:149 Resp: 335590

Ion Ratio Lower Upper

149 100

167 28.1 21.3 31.9

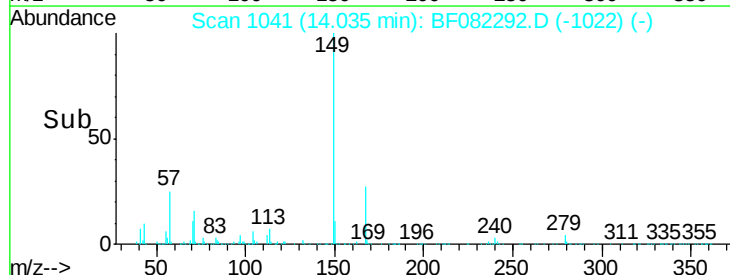
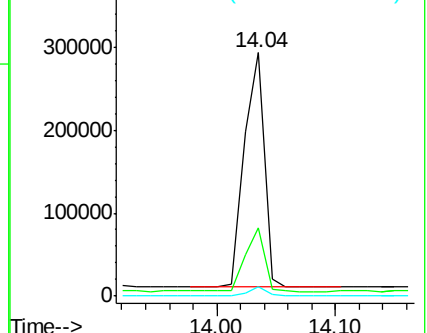
279 4.1 2.6 4.0#

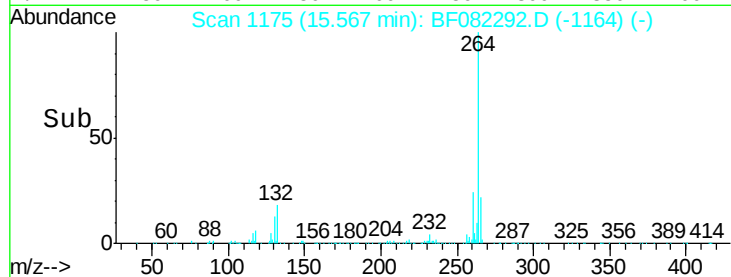
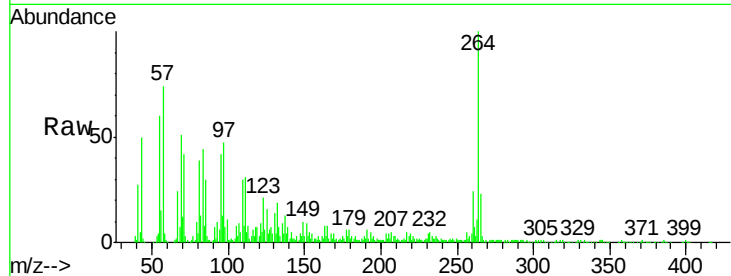
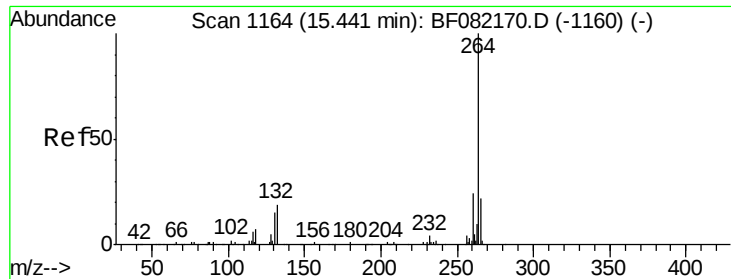


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1175
 Delta R.T. -0.17 min
 Lab File: BF082292.D
 Acq: 14 Oct 2015 21:33

Instrument :
 BNA_F
 ClientSampleId :
 LF-6

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.4	19.0	28.6	
265	22.8	17.3	25.9	

