

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 04:03:27 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

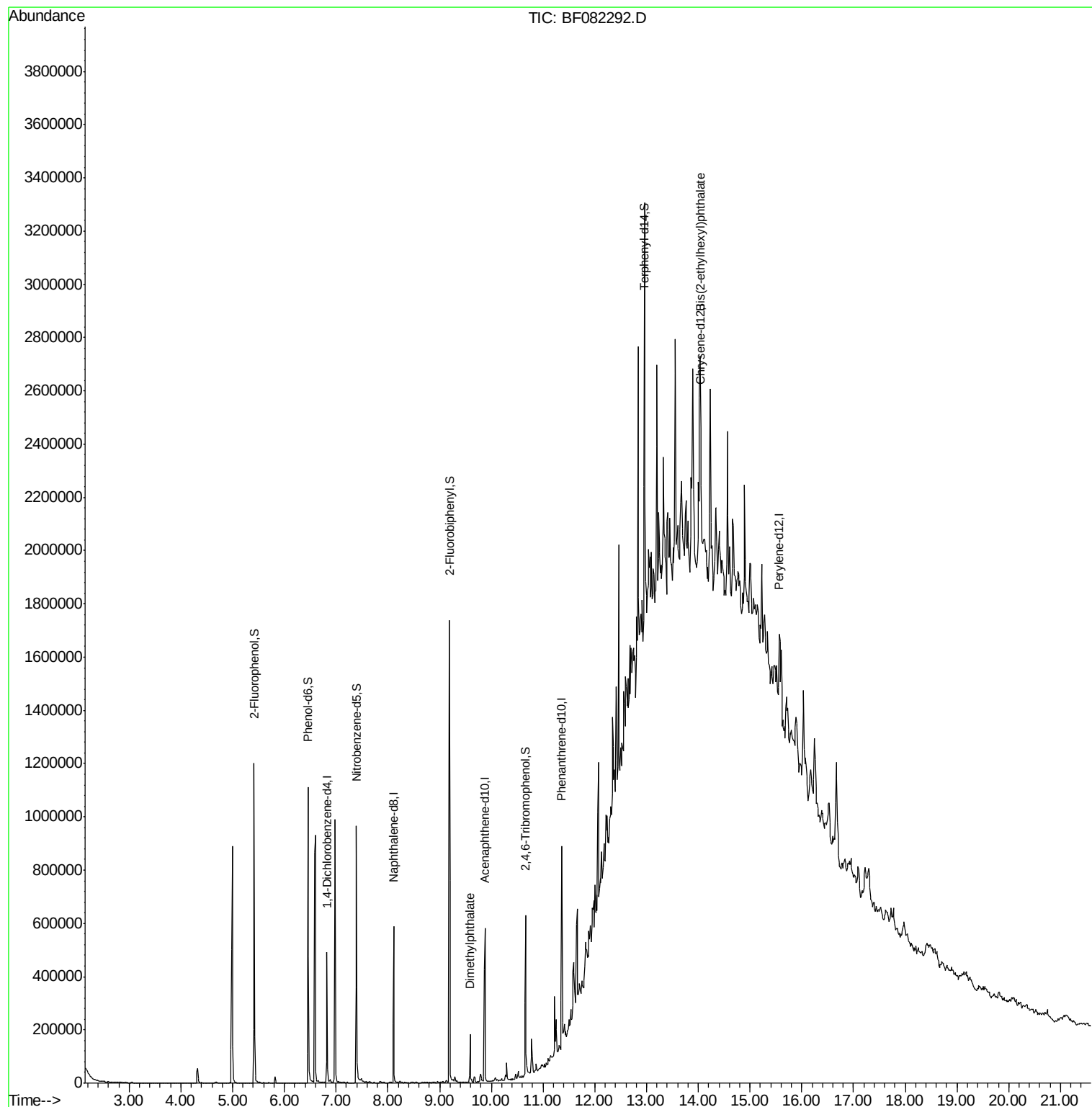
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	80266	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	313128	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	150745	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	300354	20.00	ng	0.00
75) Chrysene-d12	14.05	240	173865	20.00	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						
49) Dimethylphthalate	9.59	163	75534	7.12	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	335590	49.95	ng	# 97

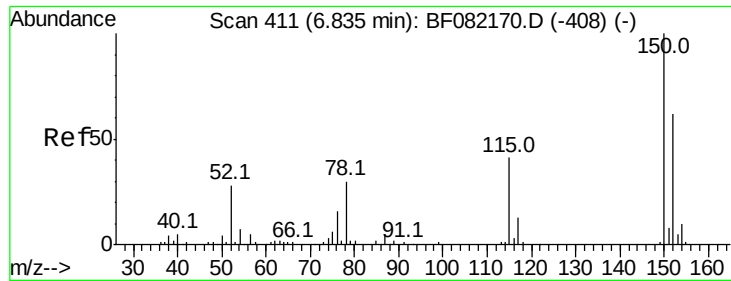
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

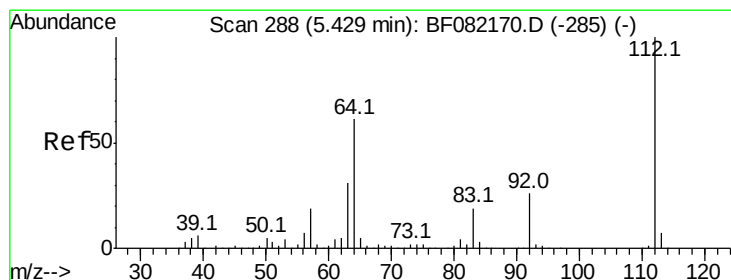
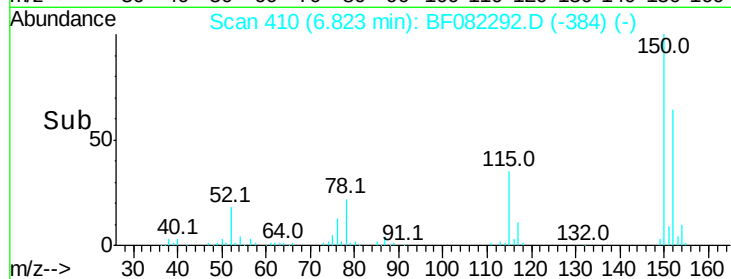
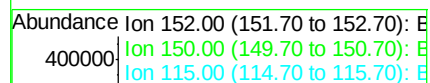
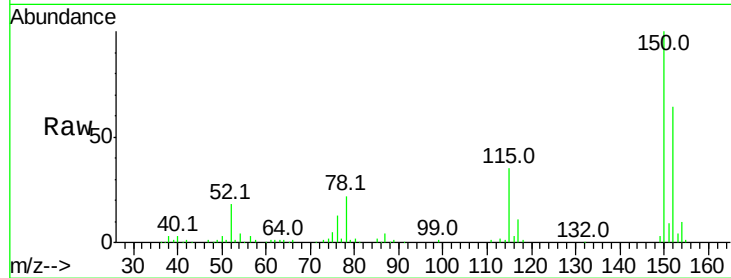
Tot Ion:152 Resp: 80266

Ion Ratio Lower Upper

152 100

150 155.5 129.0 193.4

115 54.9 52.1 78.1



#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

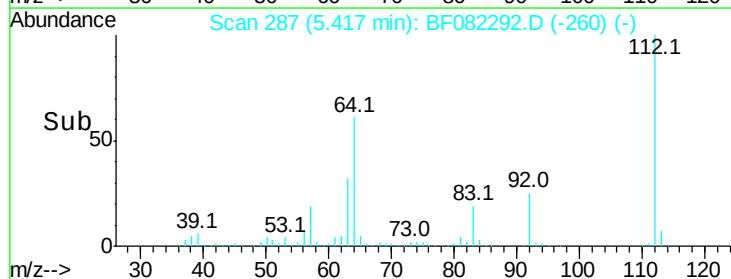
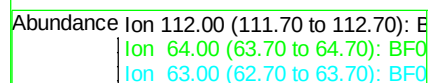
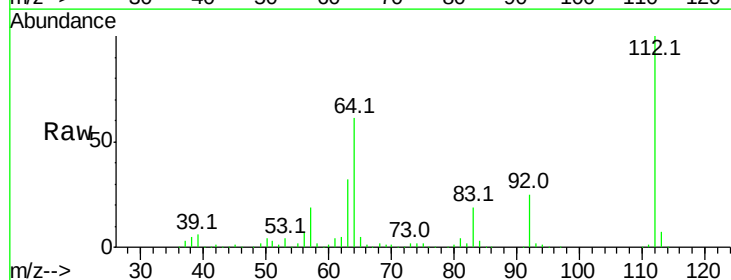
Tgt Ion:112 Resp: 327180

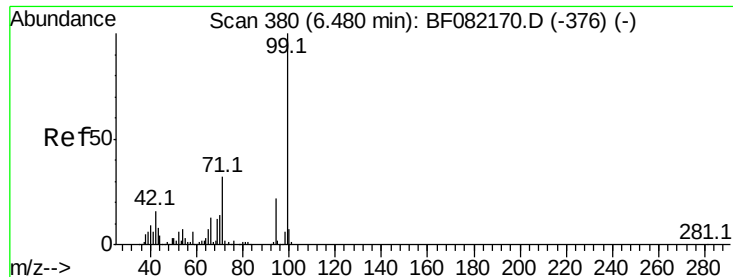
Ion Ratio Lower Upper

112 100

64 60.8 48.6 73.0

63 32.3 25.1 37.7





#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

ClientSampleId :

LF-6

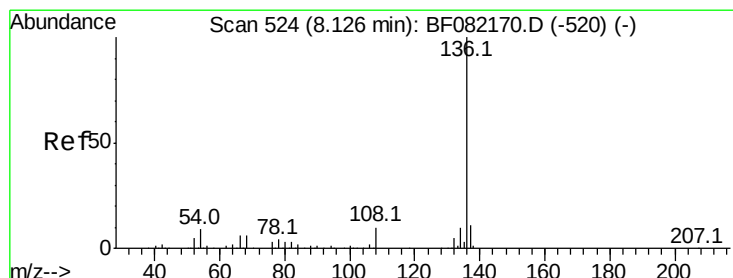
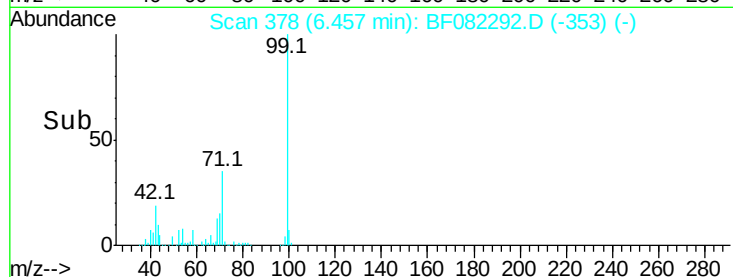
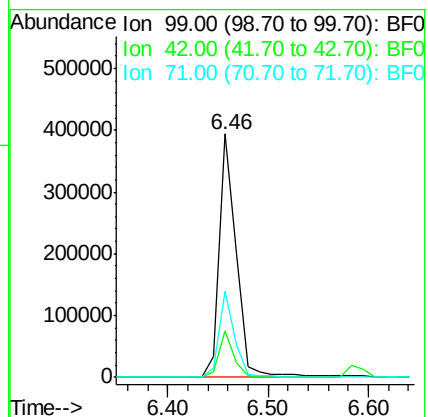
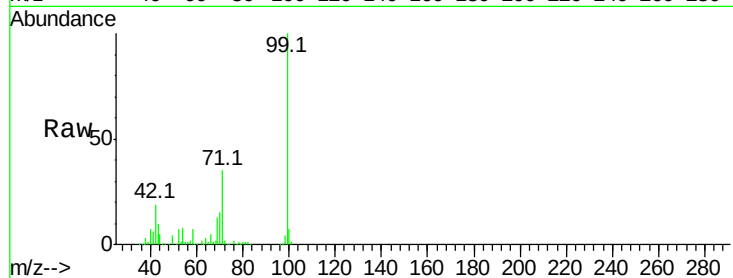
Tot Ion: 99 Resp: 462922

Ion Ratio Lower Upper

99 100

42 19.2 13.2 19.8

71 35.5 25.6 38.4



#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

Tgt Ion: 136 Resp: 313128

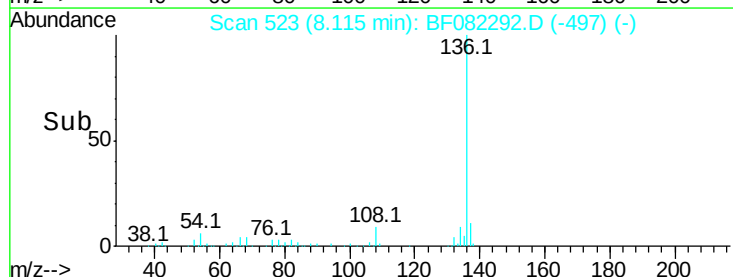
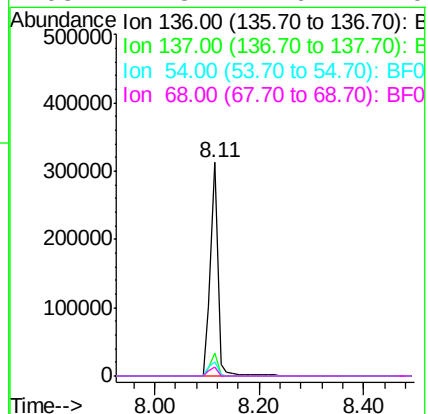
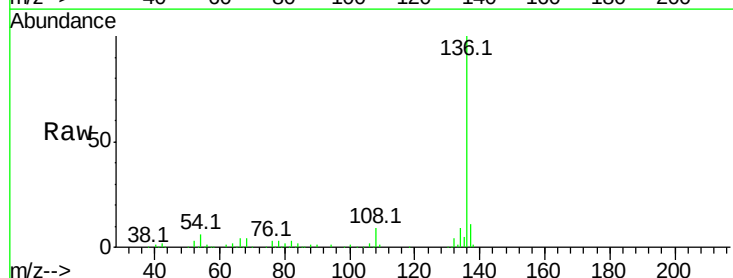
Ion Ratio Lower Upper

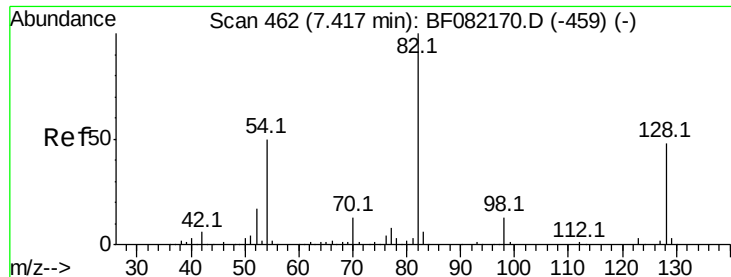
136 100

137 10.9 9.0 13.6

54 6.4 7.5 11.3#

68 4.3 4.6 7.0#

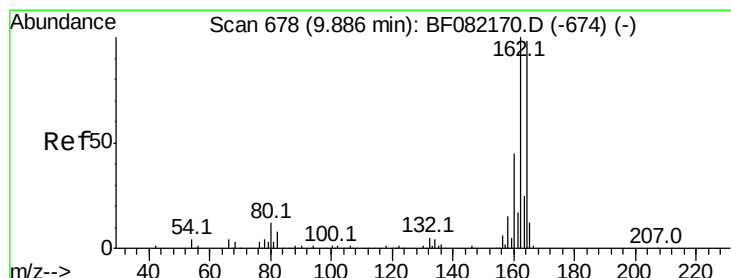
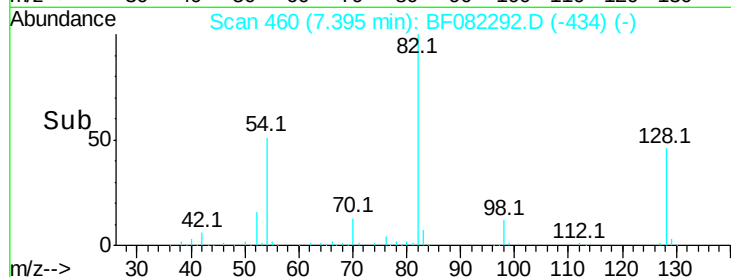
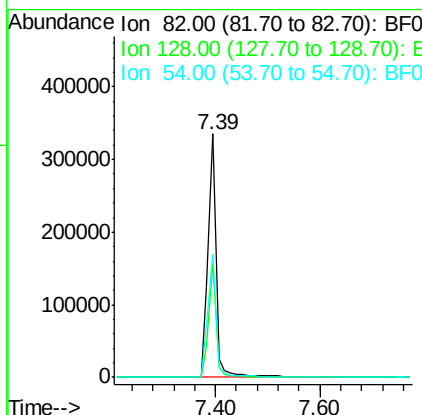
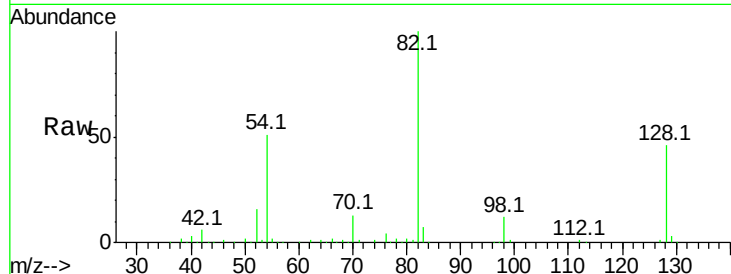




#23
 Nitrobenzene-d5
 Concen: 78.80 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF082292.D
 Acq: 14 Oct 2015 21:33

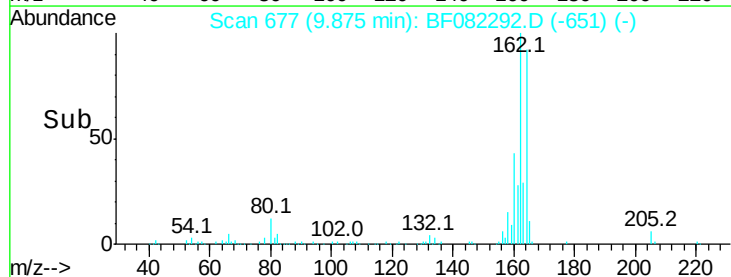
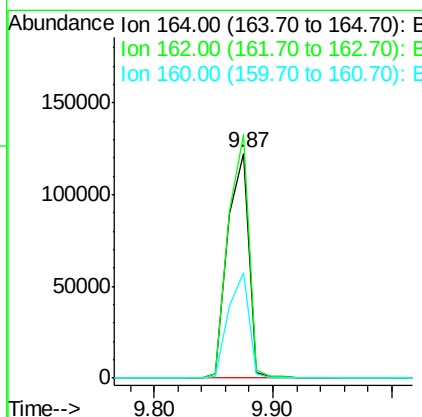
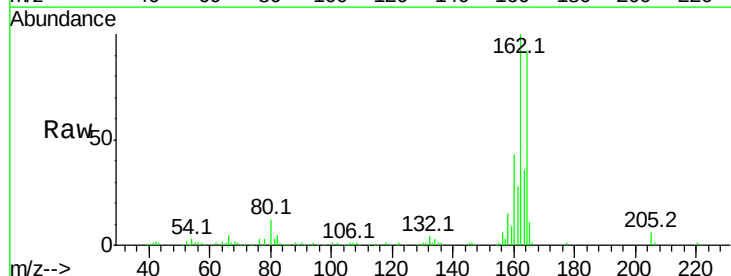
Instrument :
 BNA_F
 ClientSampled :
 LF-6

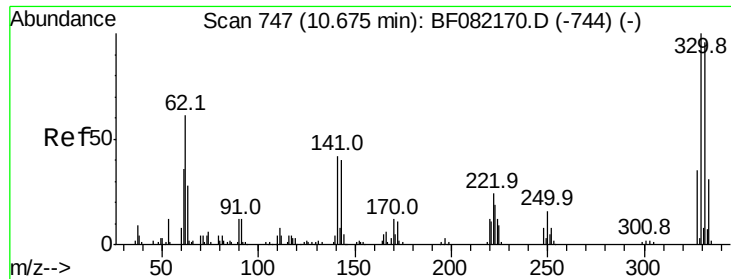
Tot Ion: 82 Resp: 367428
 Ion Ratio Lower Upper
 82 100
 128 46.3 38.7 58.1
 54 50.6 40.1 60.1



#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

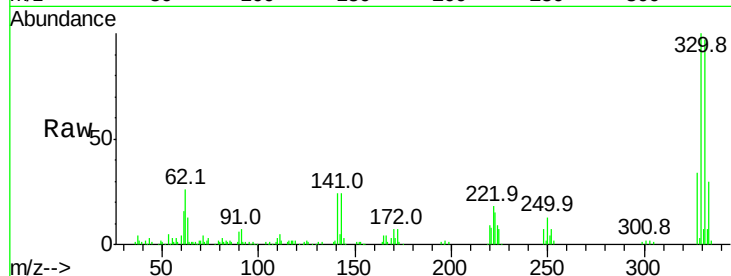




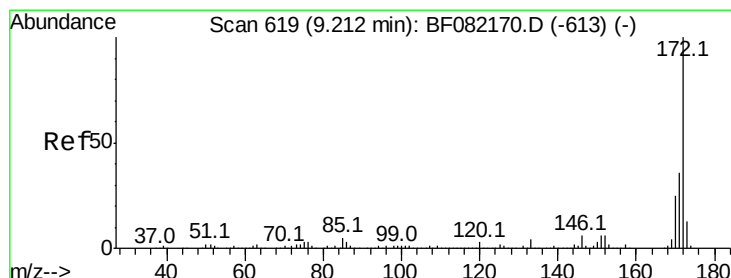
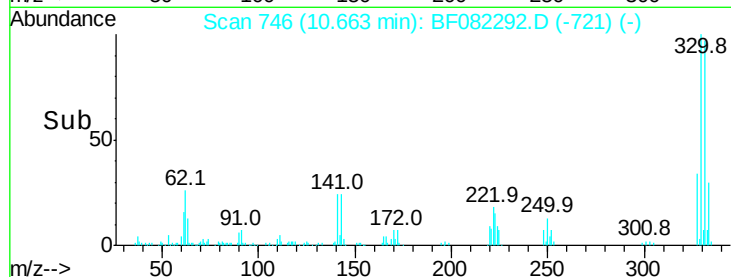
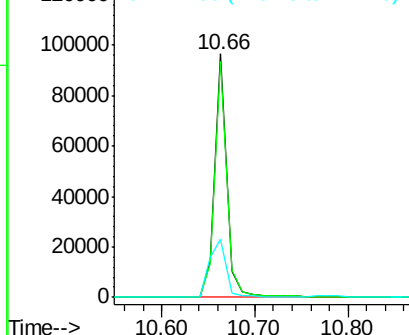
#41
 2,4,6-Tribromophenol
 Concen: 62.28 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082292.D
 Acq: 14 Oct 2015 21:33

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

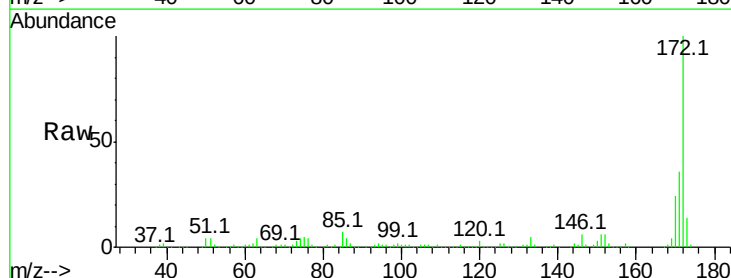


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

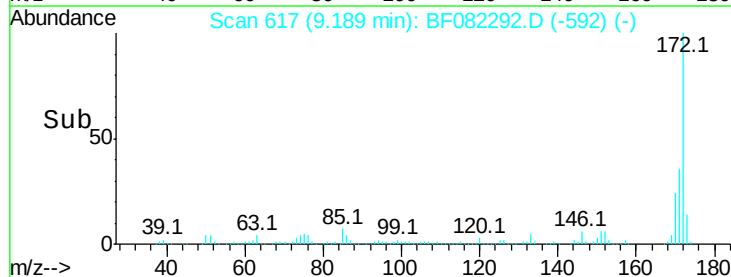
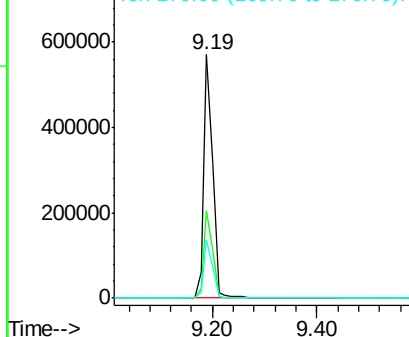


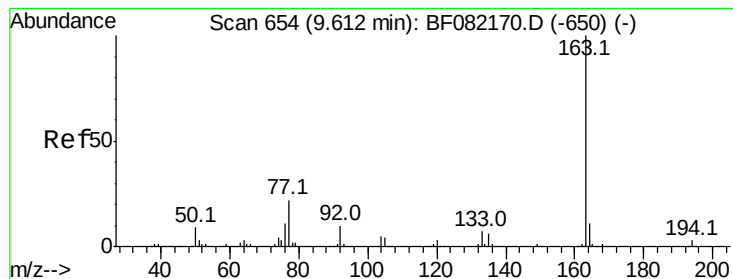
#44
 2-Fluorobiphenyl
 Concen: 75.06 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082292.D
 Acq: 14 Oct 2015 21:33

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

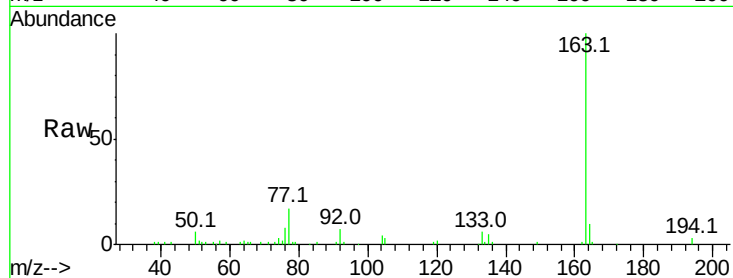
Tot Ion:163 Resp: 75534

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

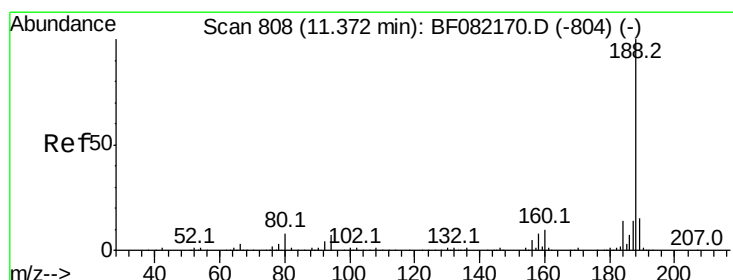
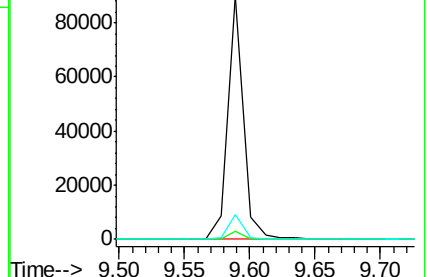
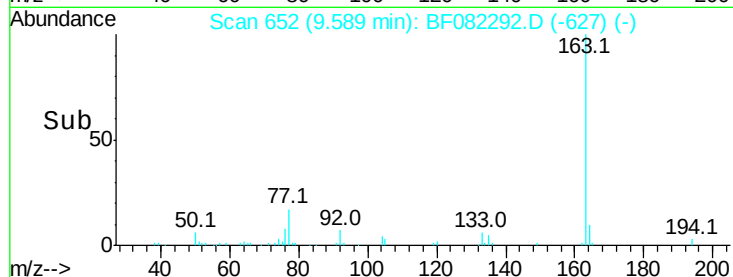
164 10.0 8.5 12.7



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



#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

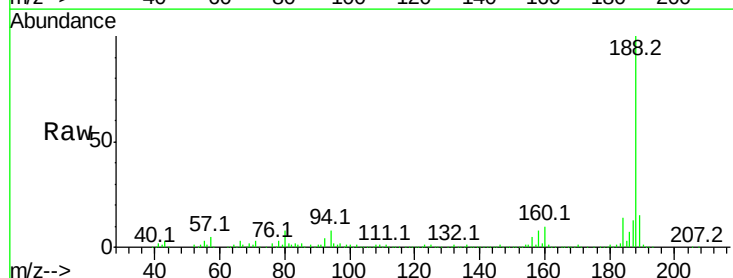
Tgt Ion:188 Resp: 300354

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.6

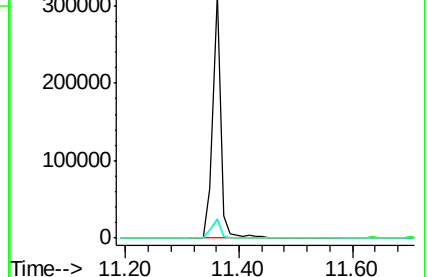
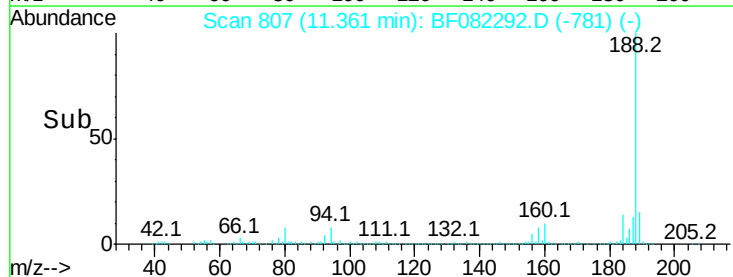
80 7.9 6.4 9.6

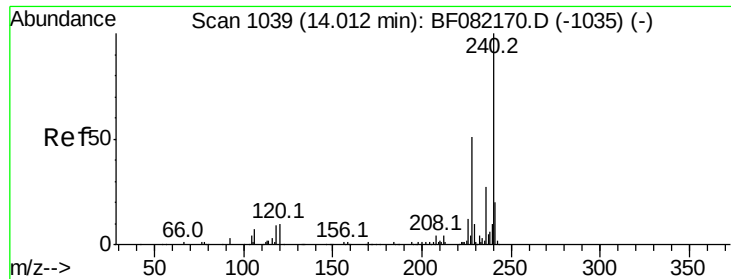


Abundance Ion 188.00 (187.70 to 188.70): E

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

Instrument :

BNA_F

ClientSampleId :

LF-6

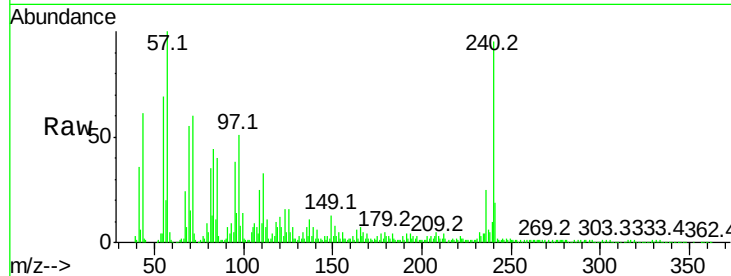
Tot Ion:240 Resp: 173865

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

200000

150000

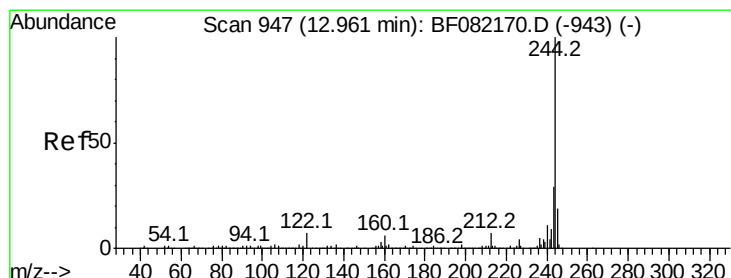
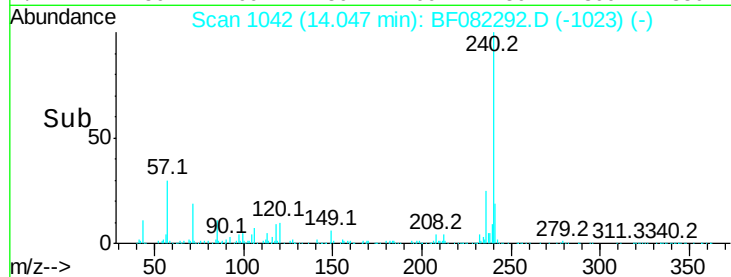
100000

50000

0

14.05

Time-->



#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

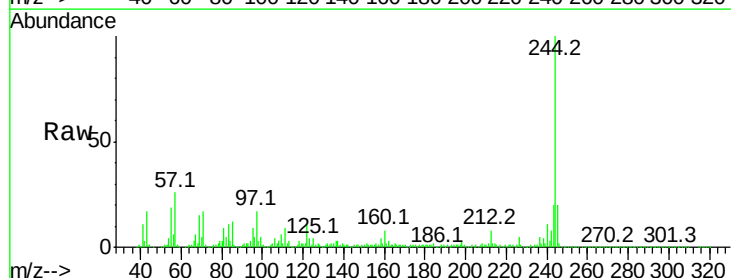
Tgt Ion:244 Resp: 535294

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

600000

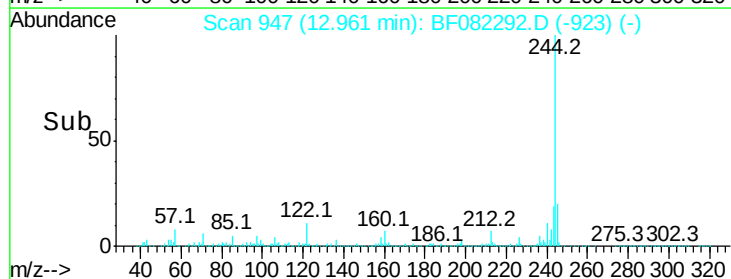
400000

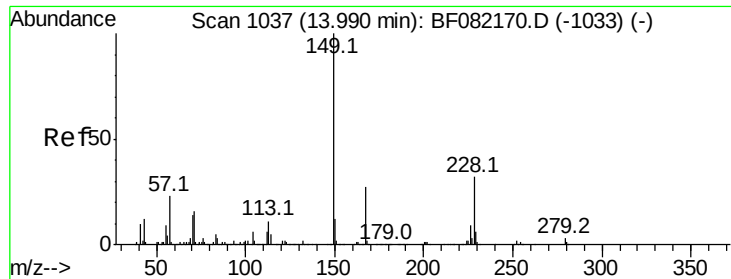
200000

0

12.96

Time-->





#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

Instrument :

BNA_F

ClientSampleId :

LF-6

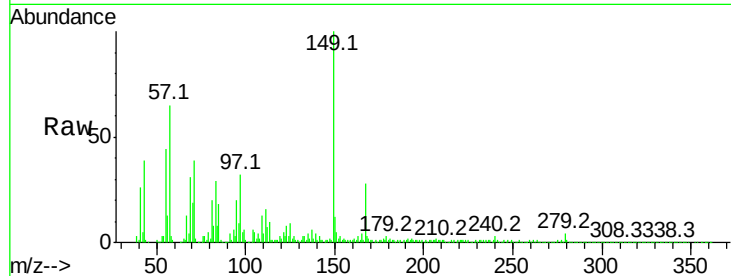
Tot Ion:149 Resp: 335590

Ion Ratio Lower Upper

149 100

167 28.1 21.3 31.9

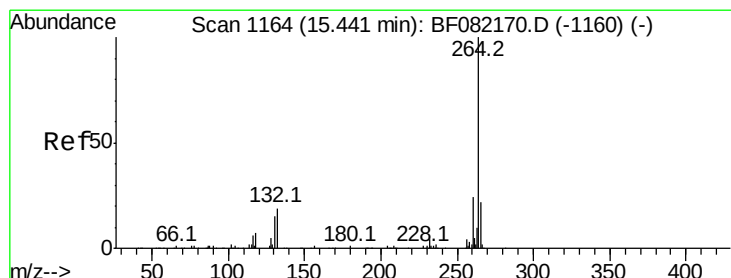
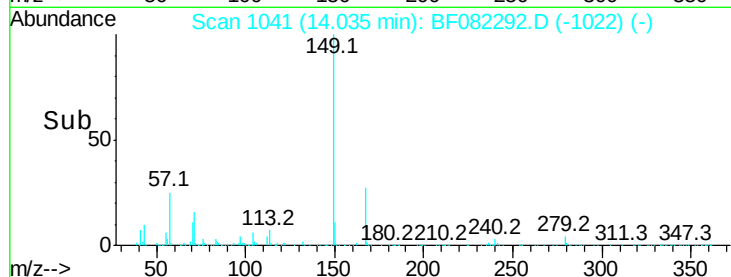
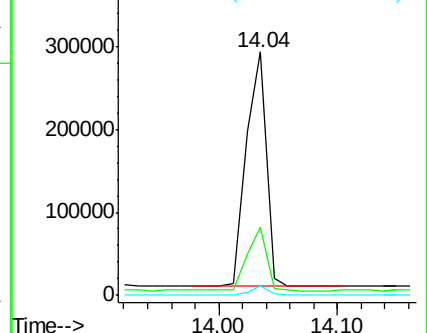
279 4.1 2.6 4.0#



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

Perylene-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

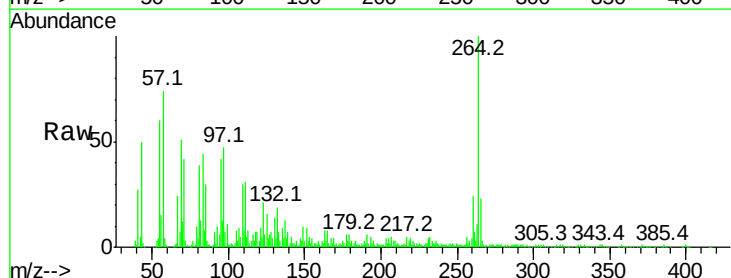
Tgt Ion:264 Resp: 164013

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.6

265 22.8 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

