

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082283.D
 Acq On : 14 Oct 2015 17:01
 Operator : UM/IZ
 Sample : G4015-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF-4

Quant Time: Oct 15 01:47:15 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

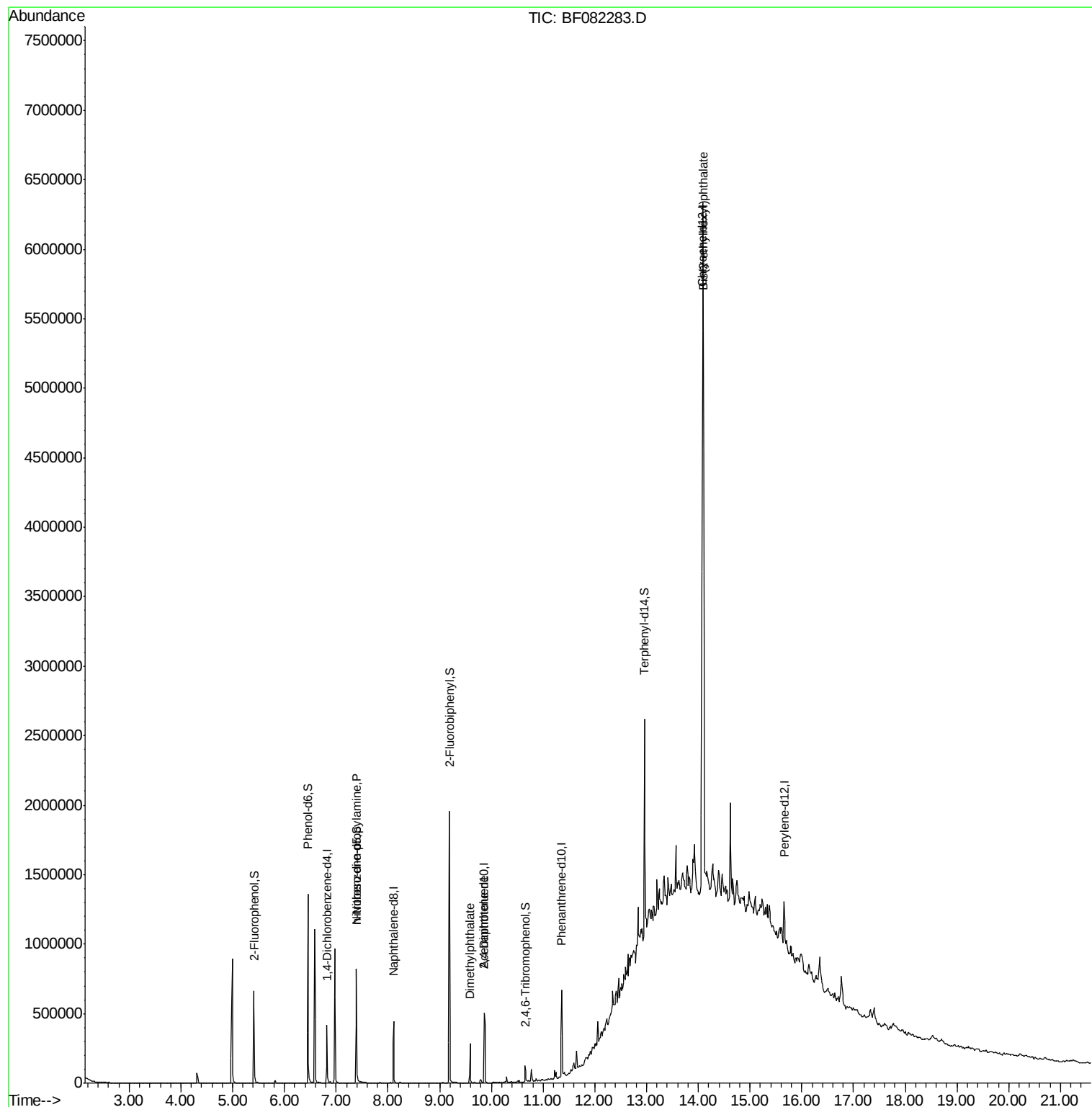
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	72855	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	290151	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	142672	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	292933	20.00	ng	0.00
75) Chrysene-d12	14.08	240	139837	20.00	ng	-0.05
86) Perylene-d12	15.66	264	163390	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	270104	74.82	ng	0.01
7) Phenol-d6	6.46	99	494670	105.30	ng	-0.01
23) Nitrobenzene-d5	7.39	82	338540	78.35	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	18535	13.85	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	655514	76.19	ng	-0.01
78) Terphenyl-d14	12.96	244	606164	114.87	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	43531	13.20	ng	# 76
49) Dimethylphthalate	9.59	163	123295	12.27	ng	99
56) 2,4-Dinitrotoluene	9.86	165	18605	7.02	ng	# 21
83) Bis(2-ethylhexyl)phthalate	14.09	149	3607742	667.71	ng	# 96

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

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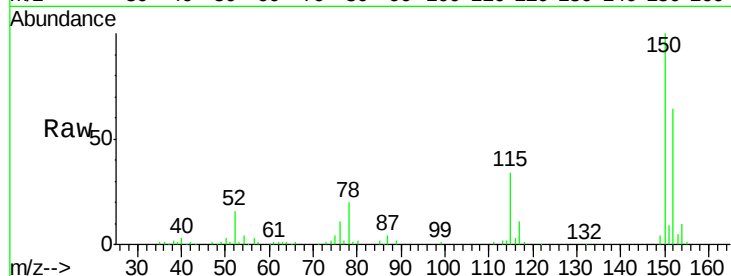


#1

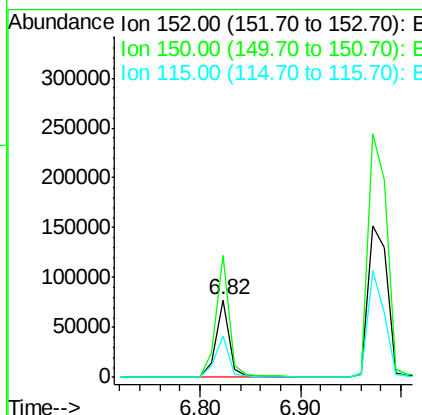
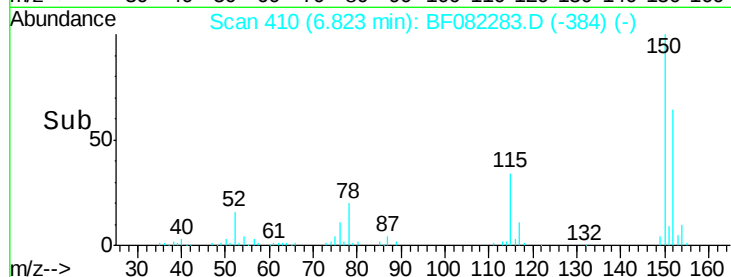
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF082283.D
Acq: 14 Oct 2015 17:01

Instrument :
BNA_F
ClientSampleId :
LF-4

Tot Ion:152 Resp: 72855
Ion Ratio Lower Upper
152 100
150 157.2 129.0 193.4
115 53.2 52.1 78.1



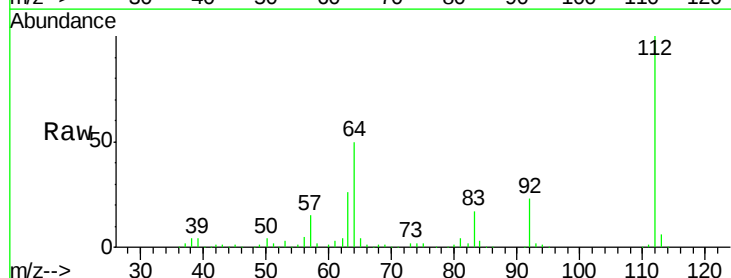
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



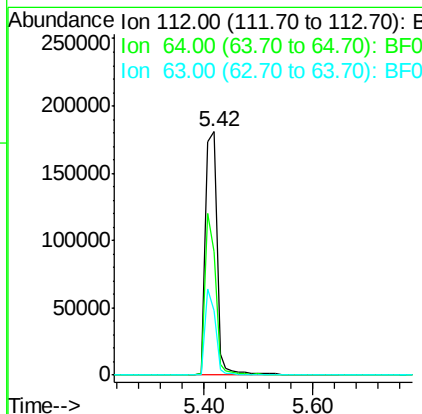
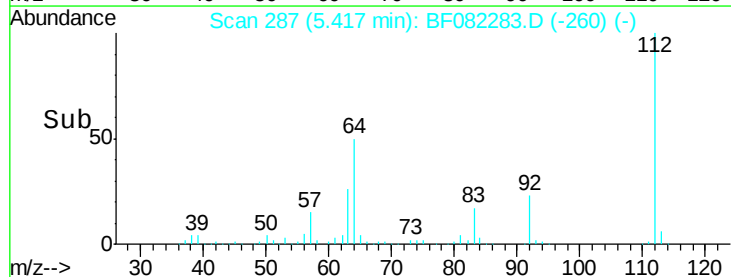
#5

2-Fluorophenol
Concen: 74.82 ng
RT: 5.42 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF082283.D
Acq: 14 Oct 2015 17:01

Tgt Ion:112 Resp: 270104
Ion Ratio Lower Upper
112 100
64 50.4 48.6 73.0
63 26.4 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: 105.30 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082283.D

Acq: 14 Oct 2015 17:01

Instrument :

BNA_F

ClientSampleId :

LF-4

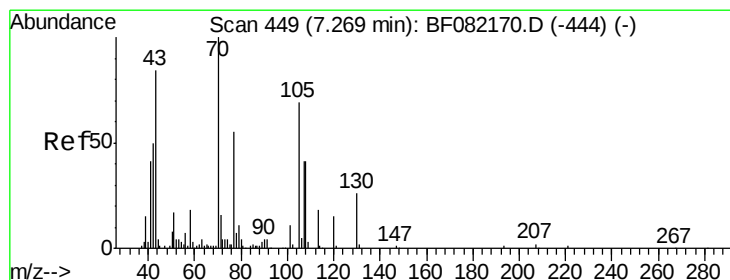
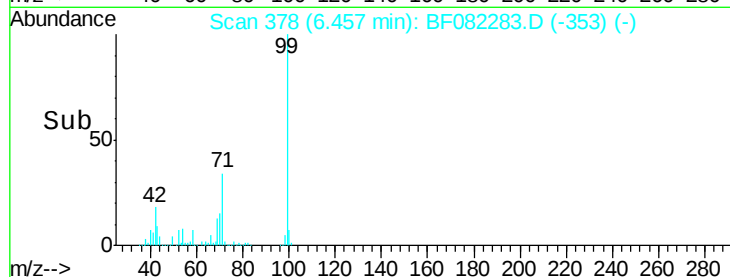
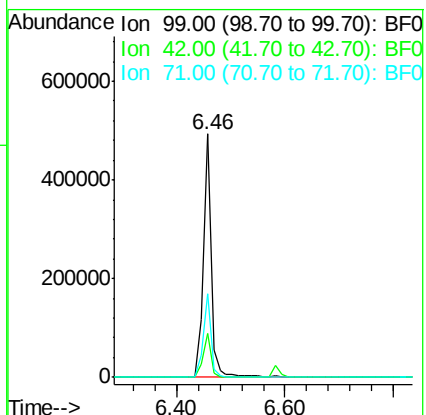
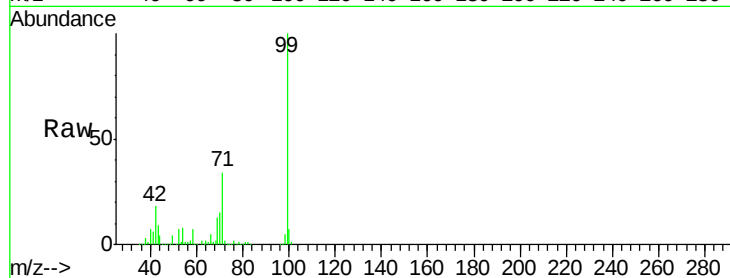
Tot Ion: 99 Resp: 494670

Ion Ratio Lower Upper

99 100

42 18.1 13.2 19.8

71 34.4 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.20 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF082283.D

Acq: 14 Oct 2015 17:01

Tgt Ion: 70 Resp: 43531

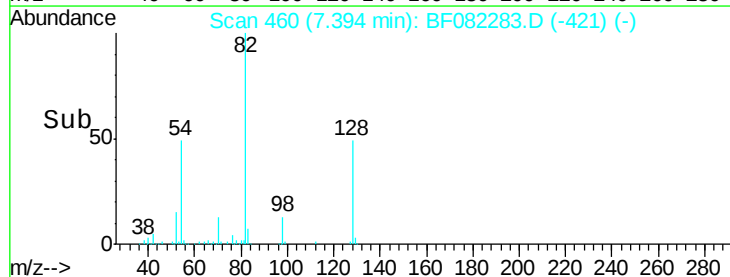
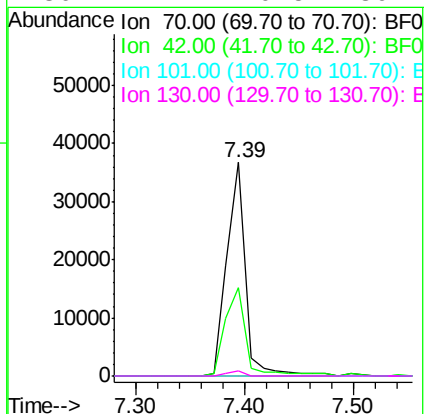
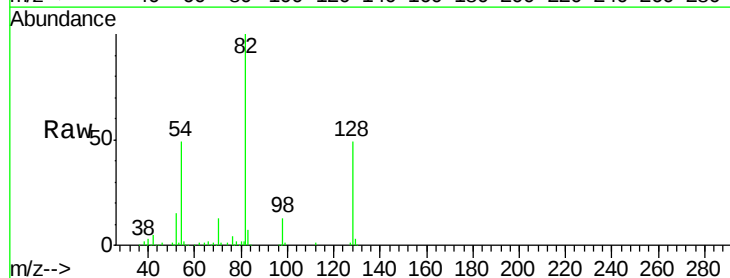
Ion Ratio Lower Upper

70 100

42 41.4 39.8 59.8

101 0.0 8.6 13.0#

130 2.4 20.5 30.7#

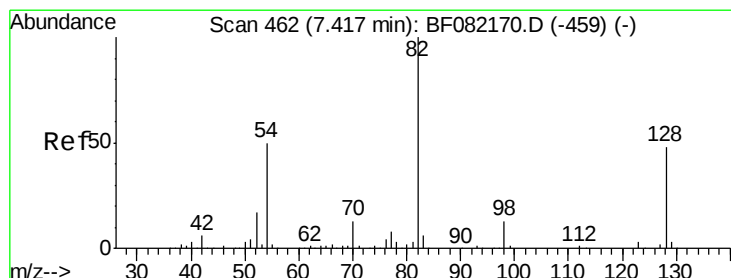
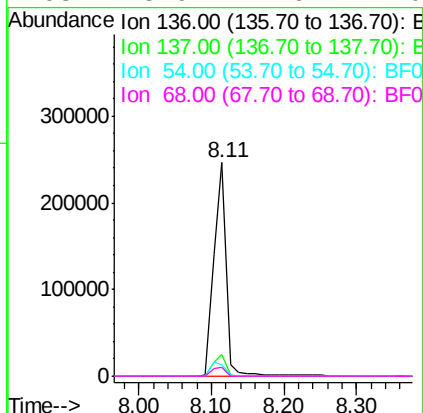
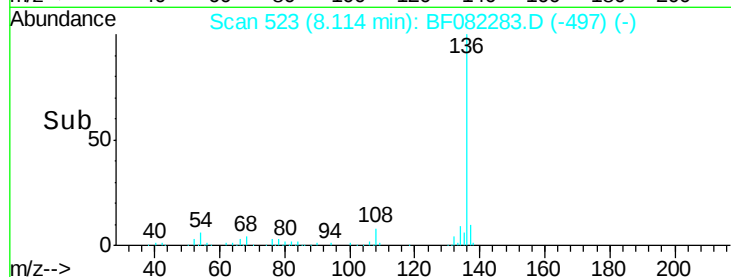
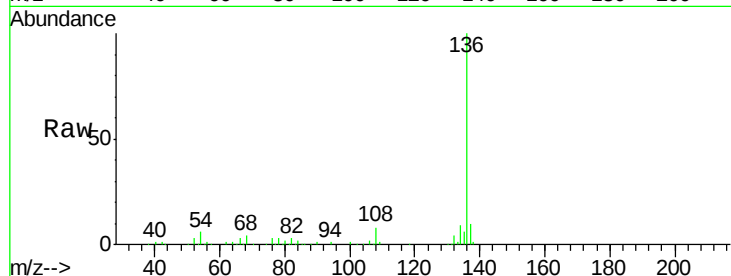




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF082283.D
Acq: 14 Oct 2015 17:01

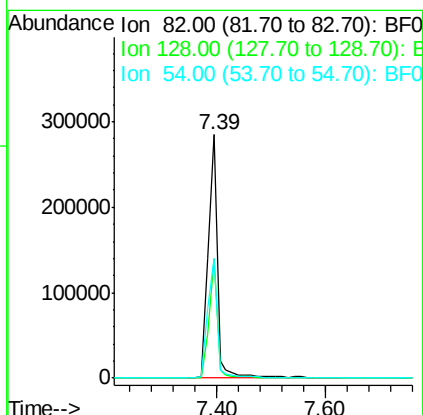
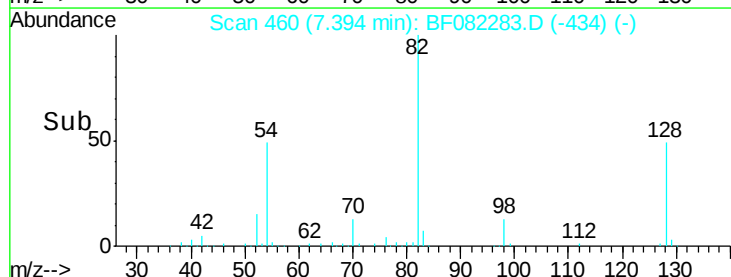
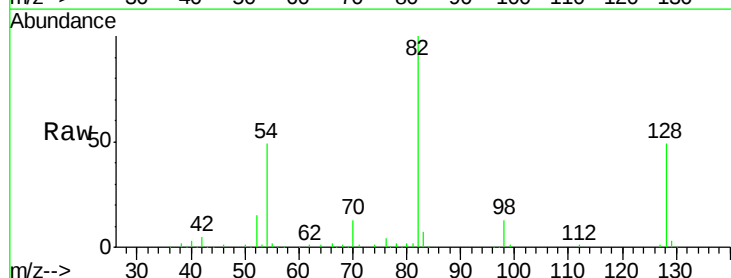
Instrument :
BNA_F
ClientSampleId :
LF-4

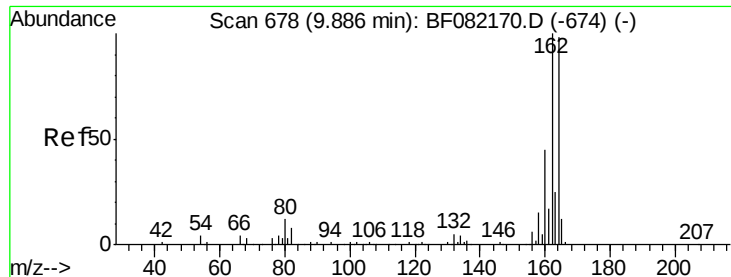
Tot Ion:136	Resp:	290151
Ion Ratio	Lower	Upper
136	100	
137	10.2	9.0 13.6
54	5.7	7.5 11.3#
68	3.9	4.6 7.0#



#23
Nitrobenzene-d5
Concen: 78.35 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF082283.D
Acq: 14 Oct 2015 17:01

Tgt Ion: 82	Resp:	338540
Ion Ratio	Lower	Upper
82	100	
128	49.2	38.7 58.1
54	49.0	40.1 60.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF082283.D

Acq: 14 Oct 2015 17:01

Instrument :

BNA_F

ClientSampleId :

LF-4

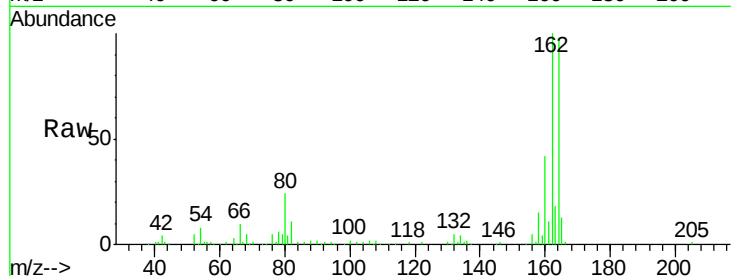
Tot Ion:164 Resp: 142672

Ion Ratio Lower Upper

164 100

162 103.0 81.6 122.4

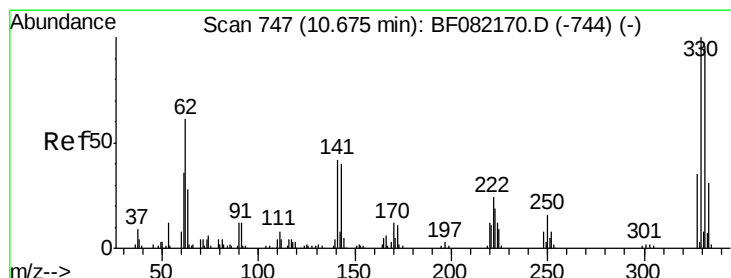
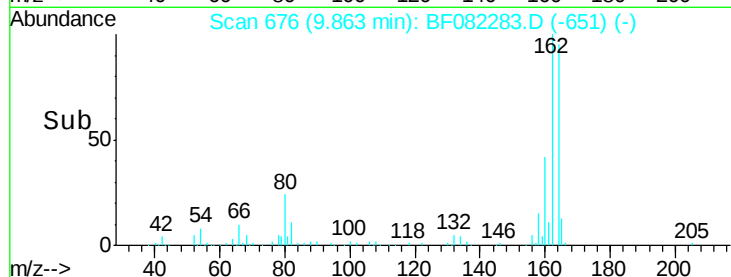
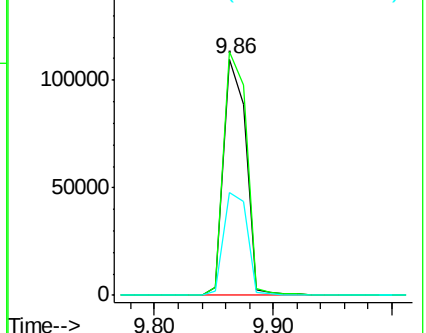
160 43.4 36.4 54.6



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: 13.85 ng

RT: 10.66 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF082283.D

Acq: 14 Oct 2015 17:01

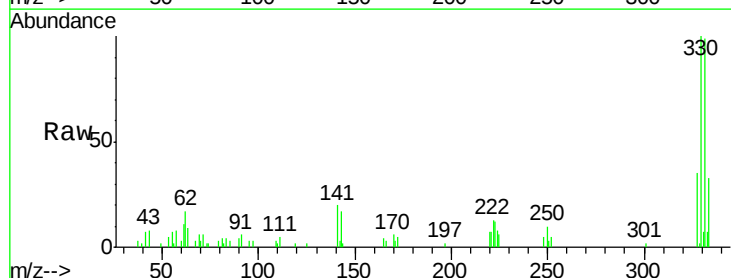
Tgt Ion:330 Resp: 18535

Ion Ratio Lower Upper

330 100

332 97.6 77.1 115.7

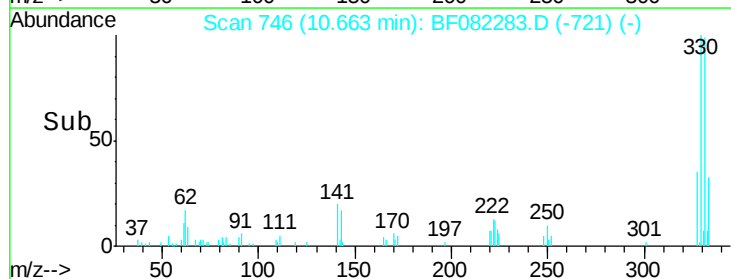
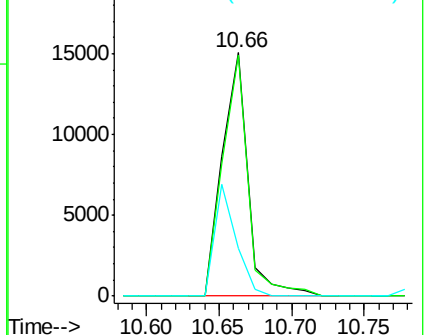
141 37.9 29.8 44.8

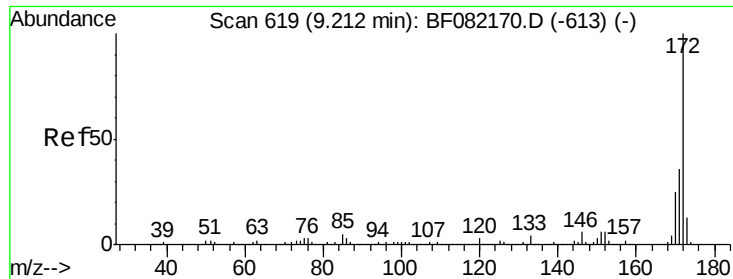


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

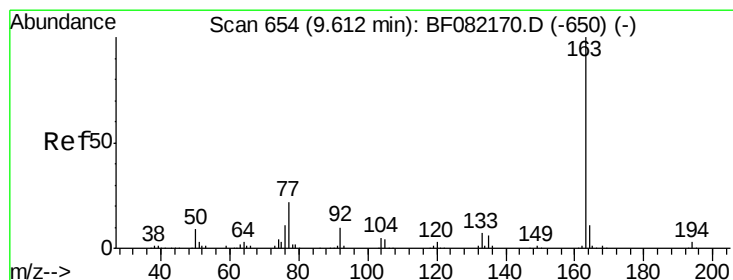
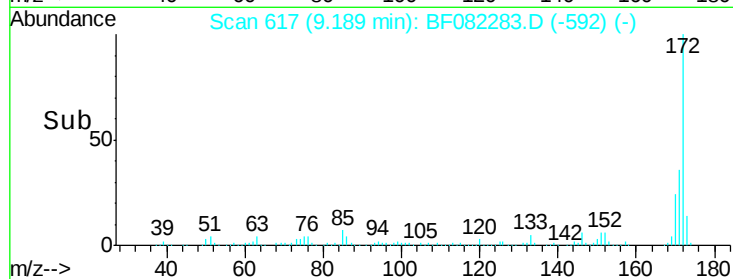
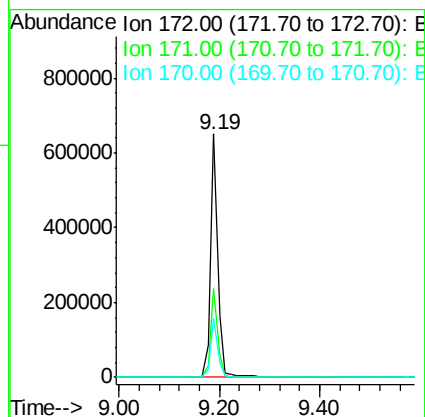
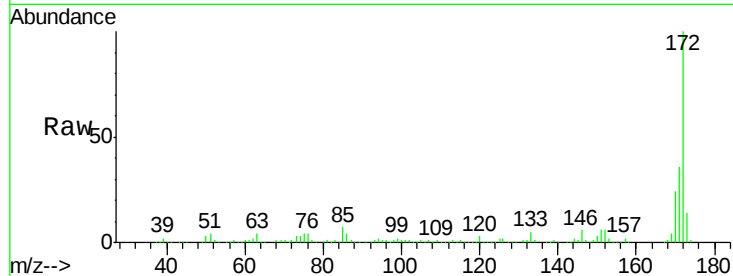




#44
2-Fluorobiphenyl
Concen: 76.19 ng
RT: 9.19 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF082283.D
Acq: 14 Oct 2015 17:01

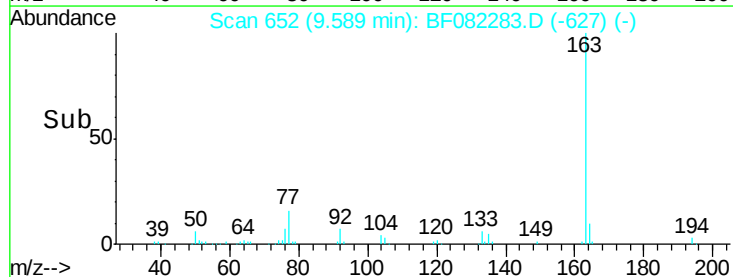
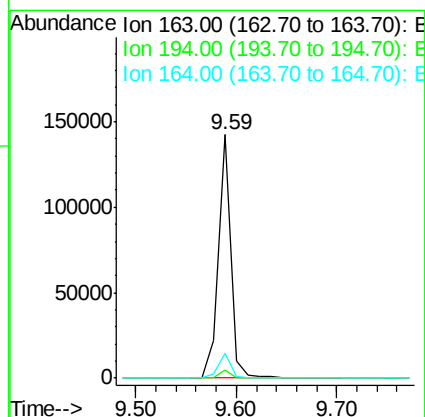
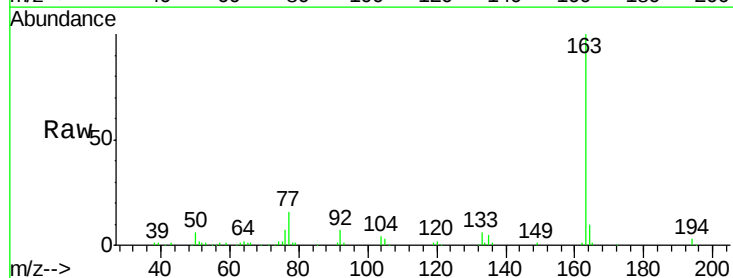
Instrument :
BNA_F
ClientSampled :
LF-4

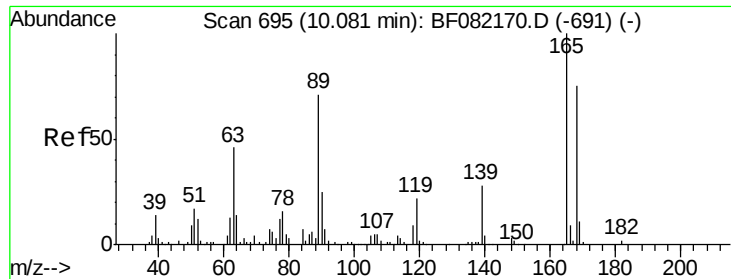
Tot Ion:172 Resp: 655514
Ion Ratio Lower Upper
172 100
171 36.4 28.6 42.8
170 24.2 19.7 29.5



#49
Dimethylphthalate
Concen: 12.27 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF082283.D
Acq: 14 Oct 2015 17:01

Tgt Ion:163 Resp: 123295
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.0 8.5 12.7

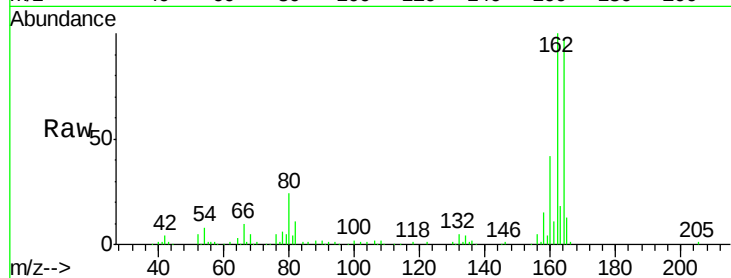




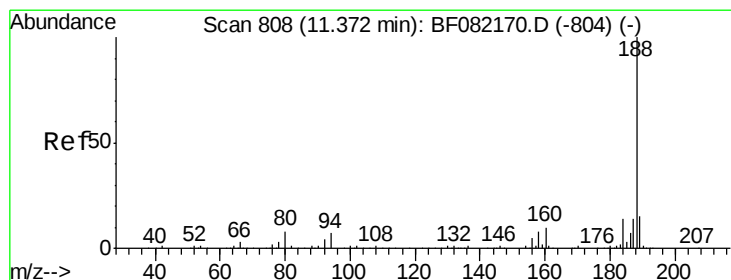
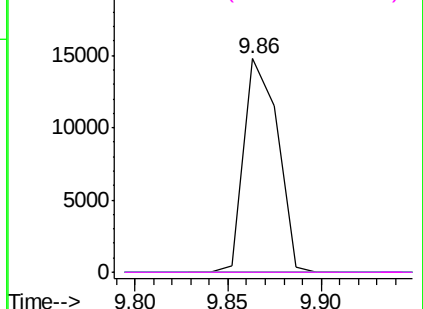
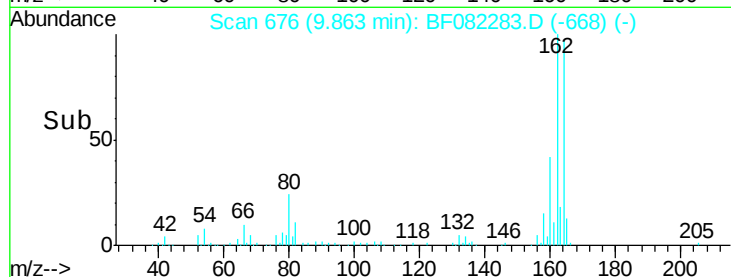
#56
 2,4-Dinitrotoluene
 Concen: 7.02 ng
 RT: 9.86 min Scan# 676
 Delta R.T. -0.21 min
 Lab File: BF082283.D
 Acq: 14 Oct 2015 17:01

Instrument :
 BNA_F
 ClientSampleId :
 LF-4

Tot Ion:165 Resp: 18605
 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#

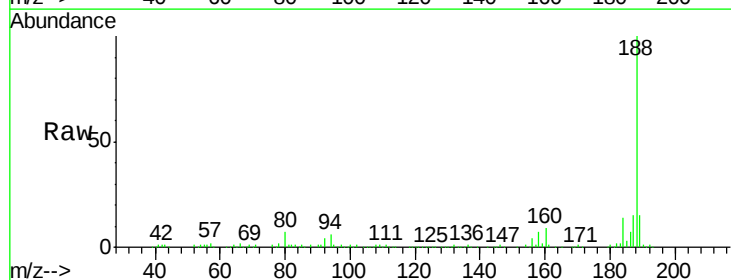


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

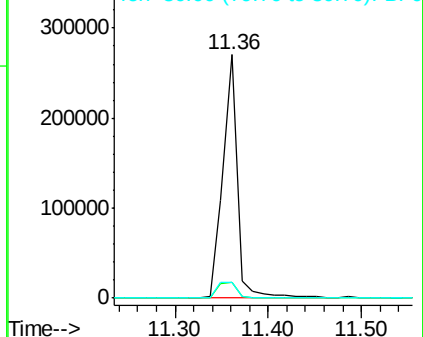
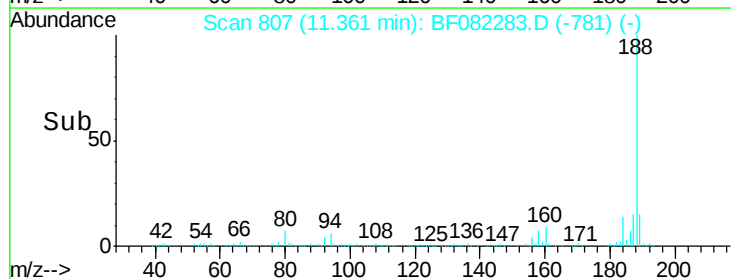


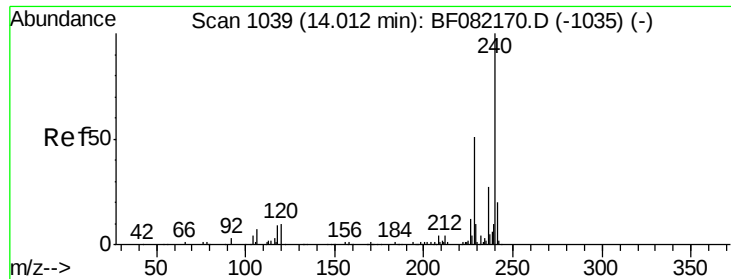
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF082283.D
 Acq: 14 Oct 2015 17:01

Tgt Ion:188 Resp: 292933
 Ion Ratio Lower Upper
 188 100
 94 6.2 5.8 8.6
 80 6.7 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

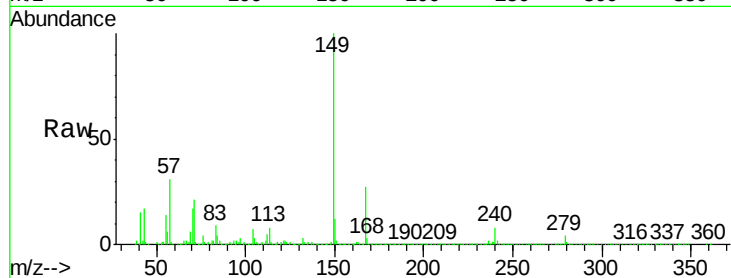




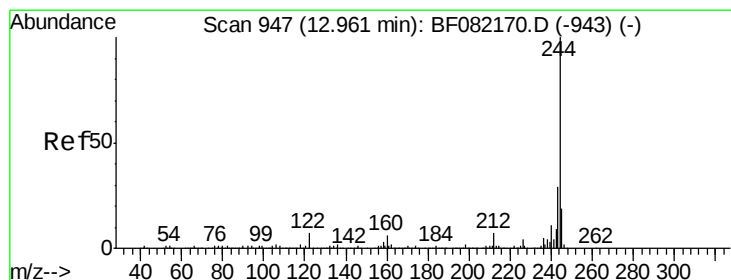
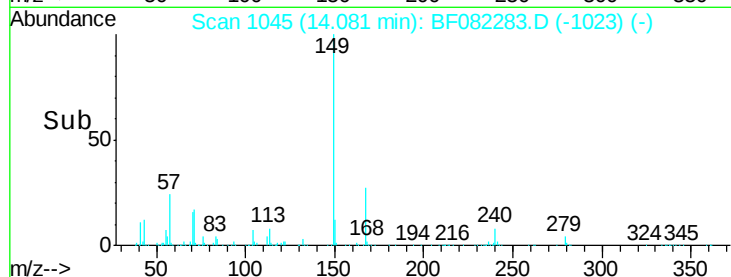
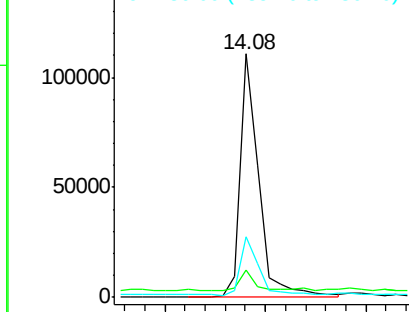
#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 14.08 min Scan# 1045
 Delta R.T. -0.05 min
 Lab File: BF082283.D
 Acq: 14 Oct 2015 17:01

Instrument :
 BNA_F
 ClientSampled :
 LF-4

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.1	12.1
236	24.9	21.3	31.9

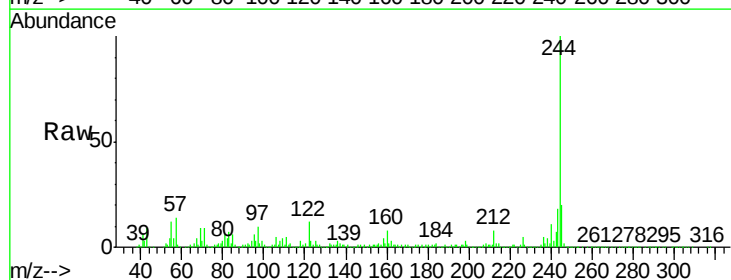


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

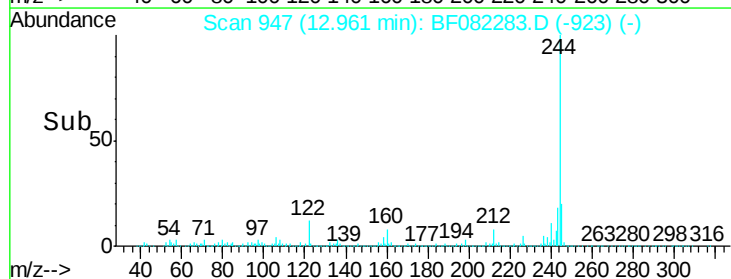
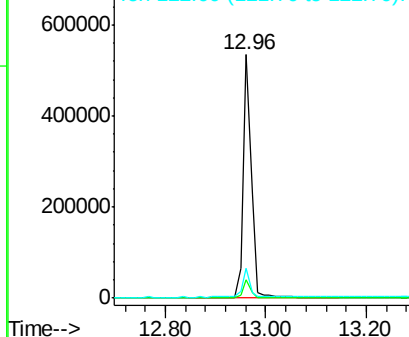


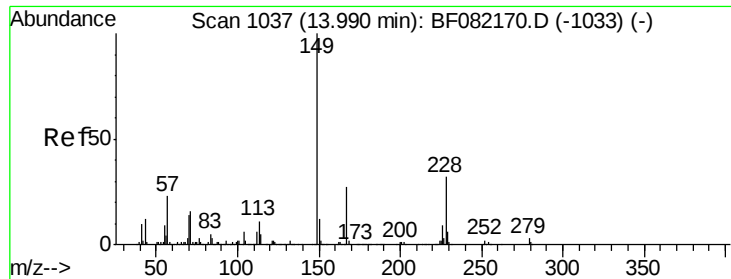
#78
 Terphenyl-d14
 Concen: 114.87 ng
 RT: 12.96 min Scan# 947
 Delta R.T. -0.02 min
 Lab File: BF082283.D
 Acq: 14 Oct 2015 17:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	12.5	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

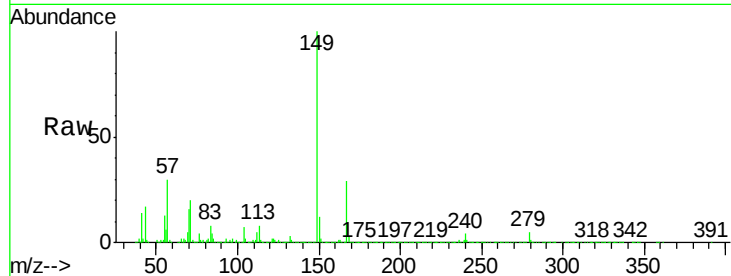




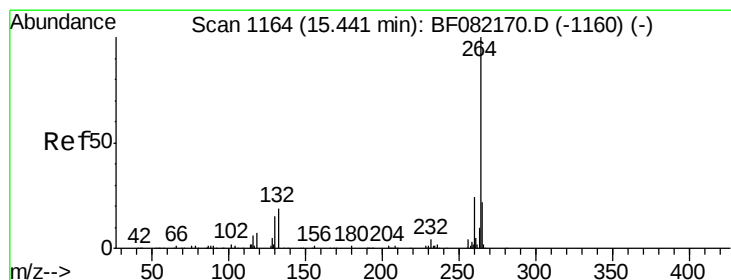
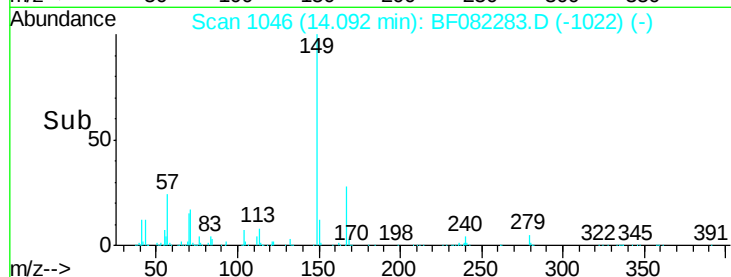
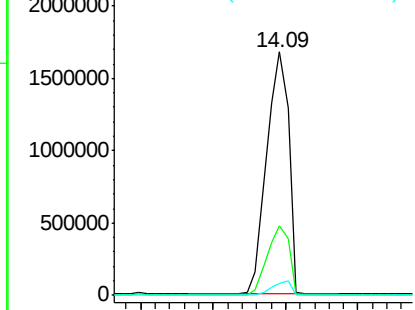
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 667.71 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.02 min
 Lab File: BF082283.D
 Acq: 14 Oct 2015 17:01

Instrument :
 BNA_F
 ClientSampleId :
 LF-4

Tot Ion:149 Resp: 3607742
 Ion Ratio Lower Upper
 149 100
 167 28.6 21.3 31.9
 279 5.1 2.6 4.0#

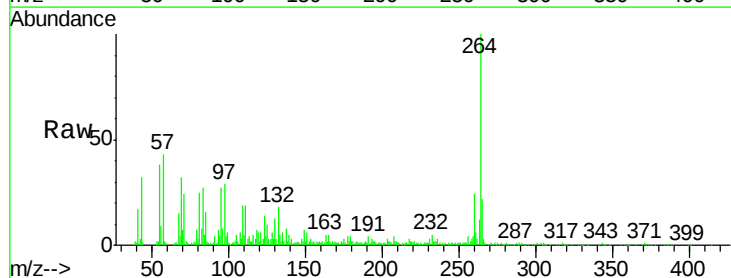


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.66 min Scan# 1183
 Delta R.T. -0.08 min
 Lab File: BF082283.D
 Acq: 14 Oct 2015 17:01

Tgt Ion:264 Resp: 163390
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 22.1 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

