

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 03:05:27 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

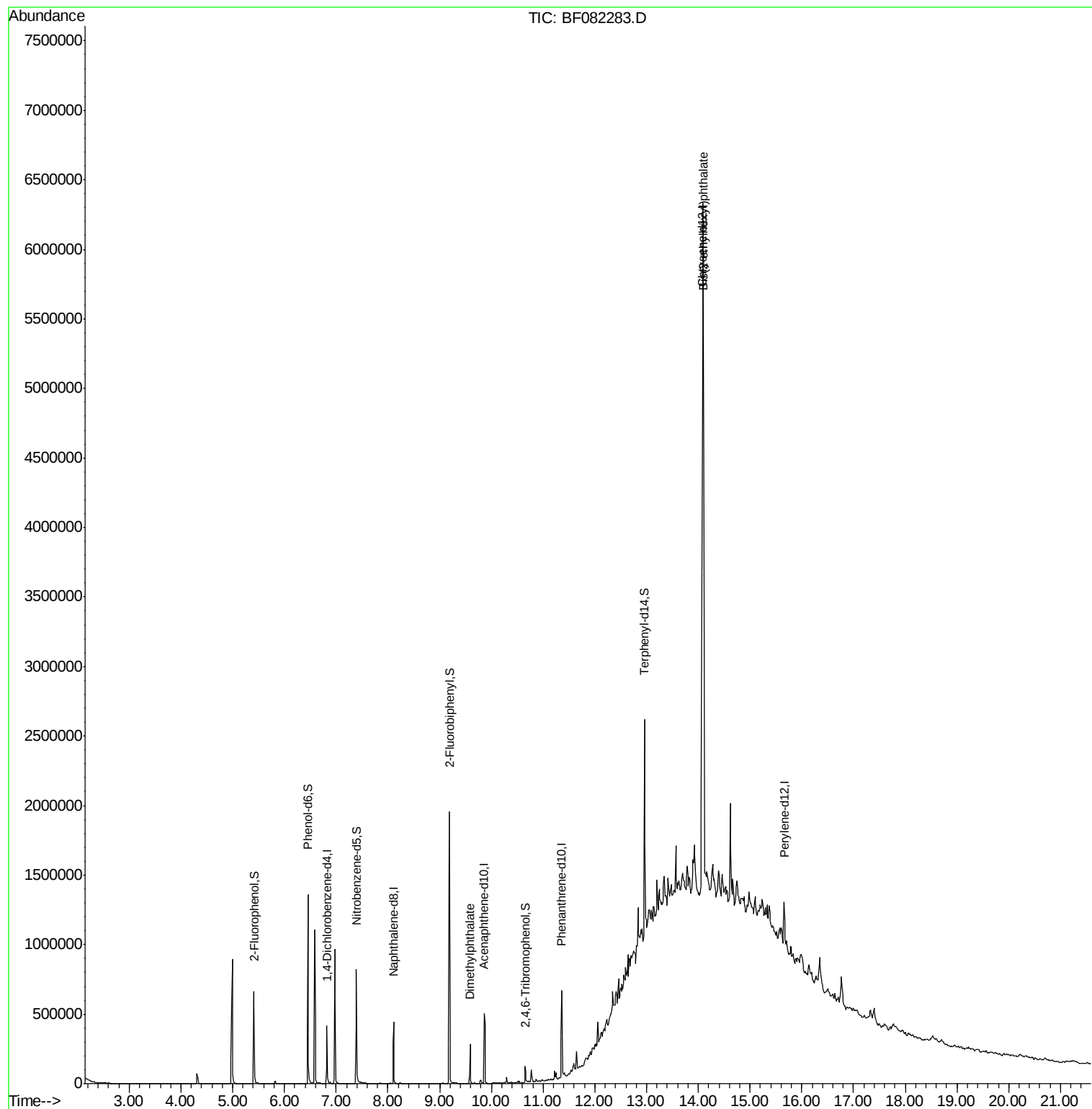
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	72855	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	290151	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	142672	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	292933	20.00	ng	0.00
75) Chrysene-d12	14.08	240	139837	20.00	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						
49) Dimethylphthalate	9.59	163	123295	12.27	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	3607742	667.71	ng	# 96

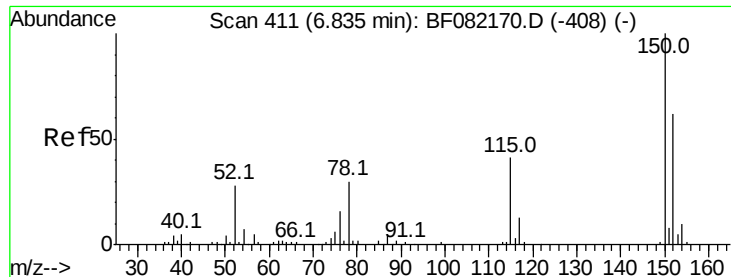
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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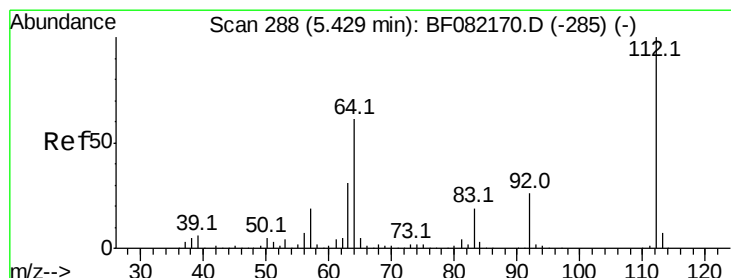
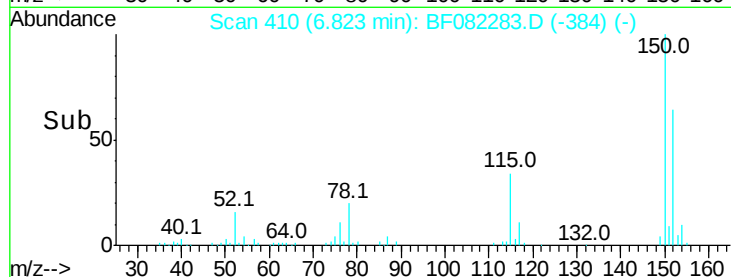
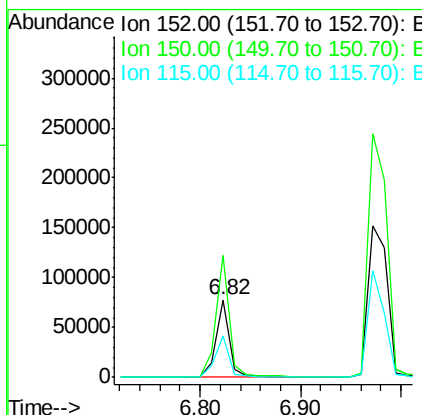
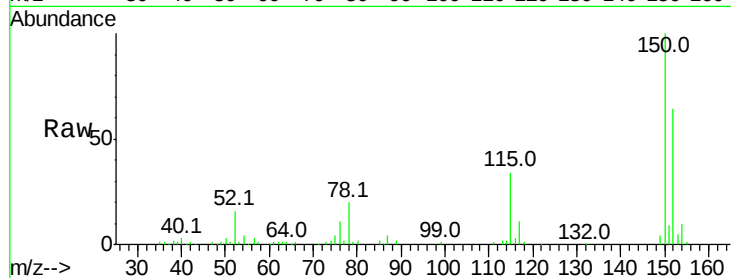


#1

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

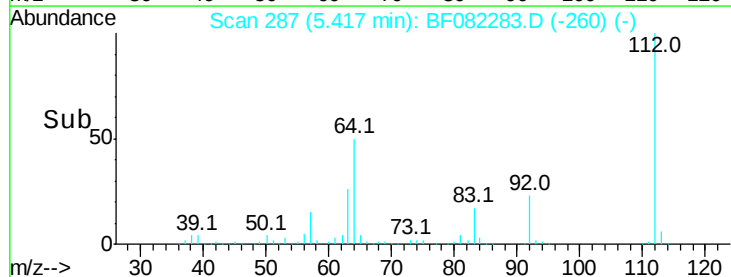
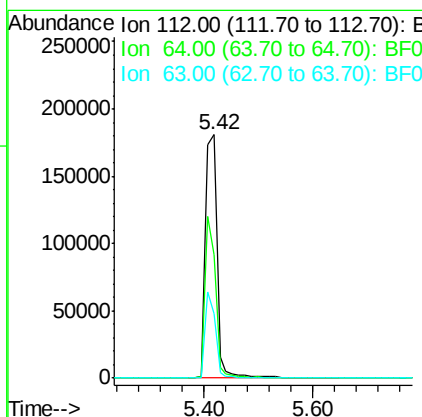
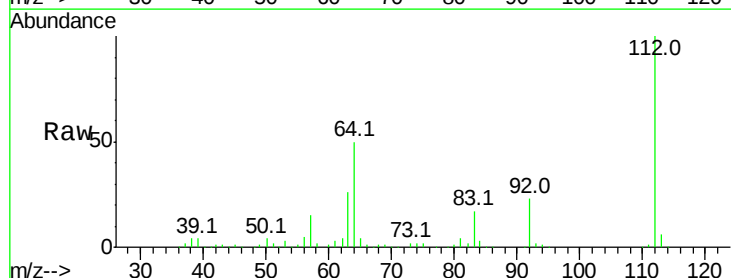
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	129.0	193.4
115	53.2	52.1	78.1



#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	Ratio	Lower	Upper
112	100		
64	50.4	48.6	73.0
63	26.4	25.1	37.7





#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

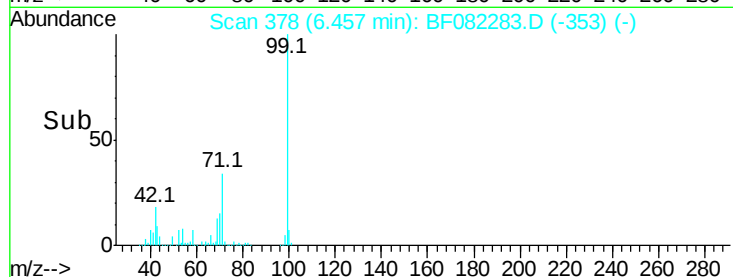
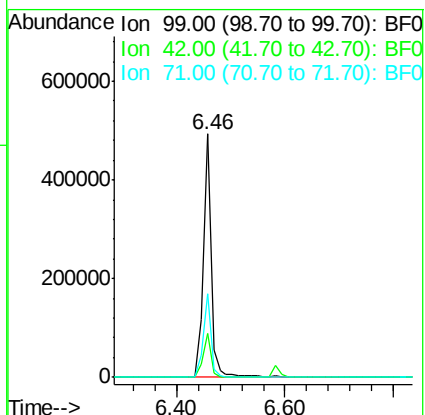
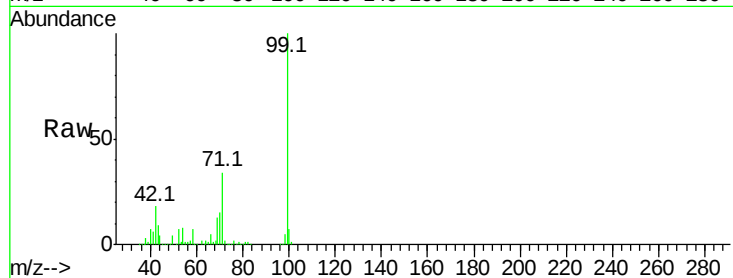
Tot Ion: 99 Resp: 494670

Ion Ratio Lower Upper

99 100

42 18.1 13.2 19.8

71 34.4 25.6 38.4



#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

Tgt Ion: 136 Resp: 290151

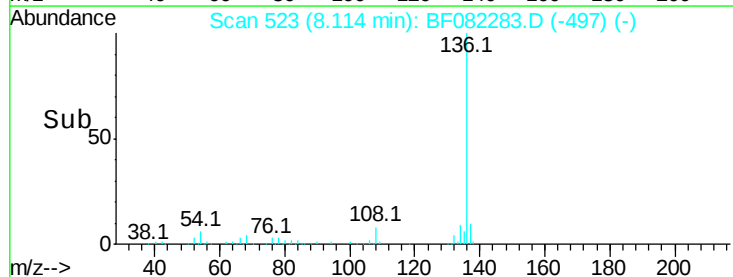
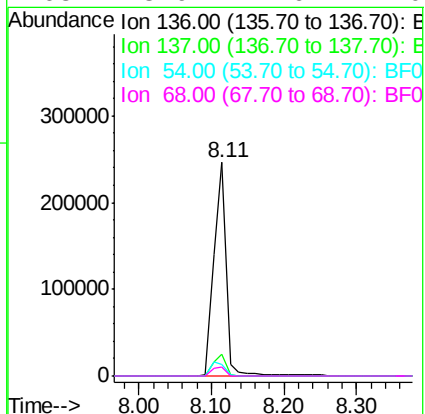
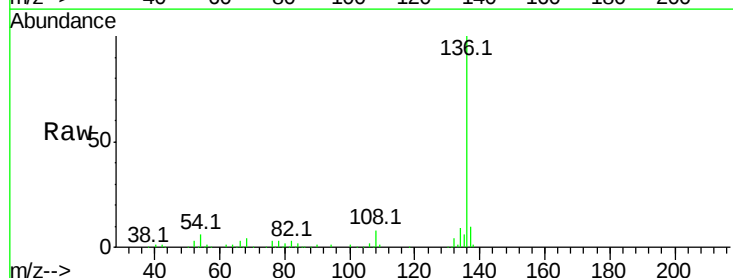
Ion Ratio Lower Upper

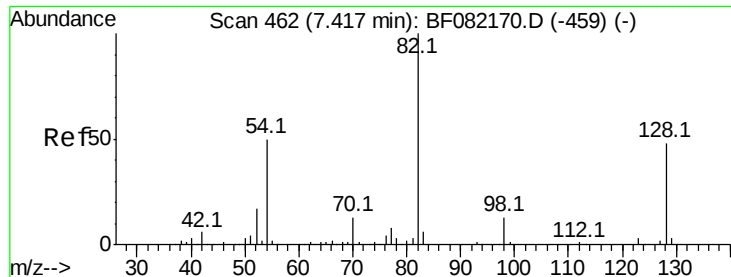
136 100

137 10.2 9.0 13.6

54 5.7 7.5 11.3#

68 3.9 4.6 7.0#

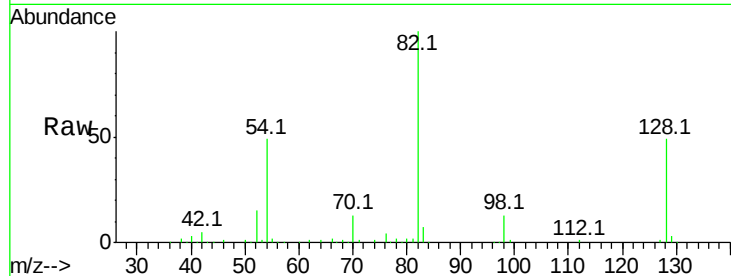




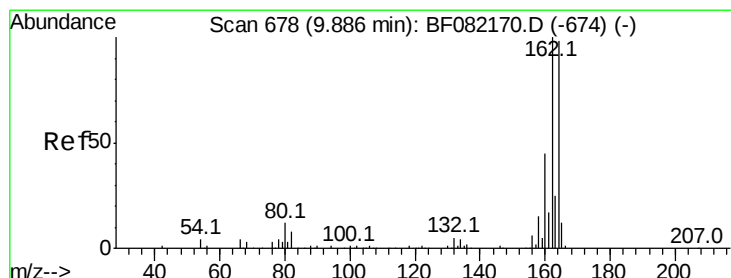
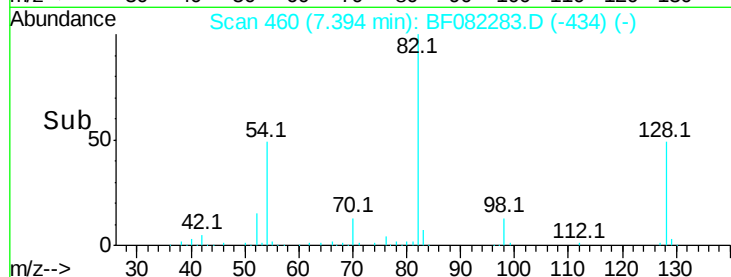
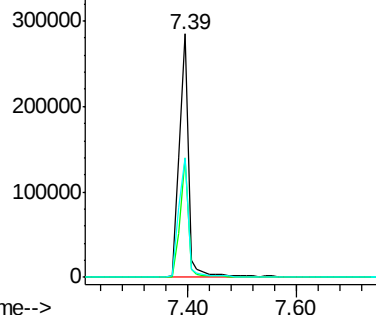
#23
 Nitrobenzene-d5
 Concen: 78.35 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF082283.D
 Acq: 14 Oct 2015 17:01

Instrument :
 BNA_F
 ClientSampleId :
 LF-4

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

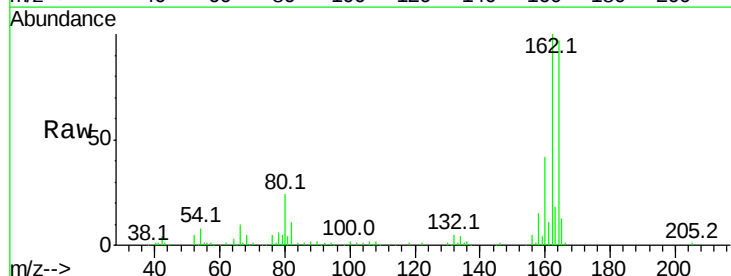


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

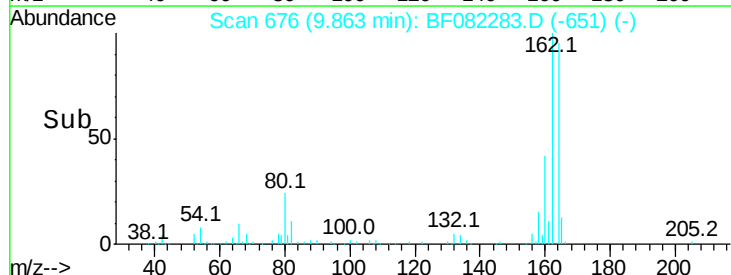
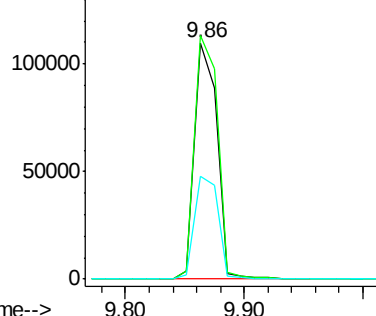


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF082283.D
 Acq: 14 Oct 2015 17:01

Tgt 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

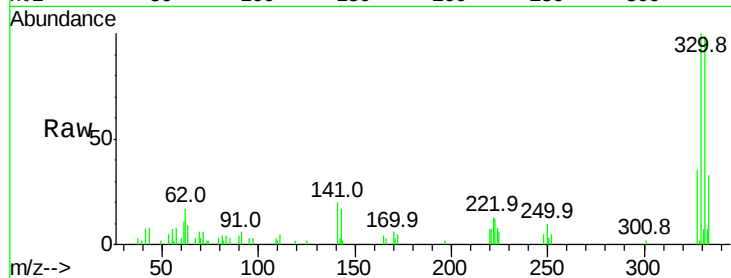




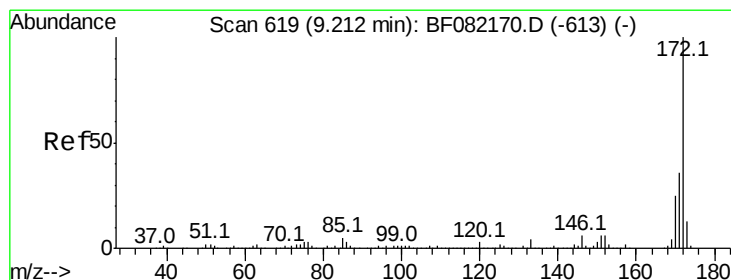
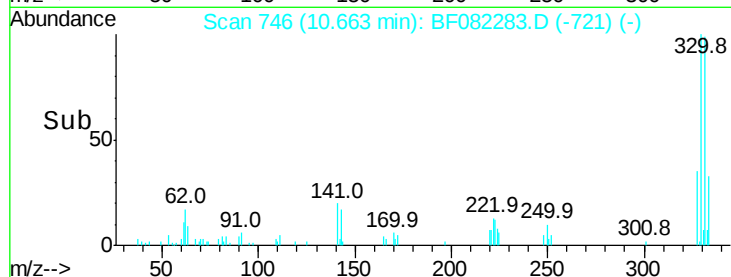
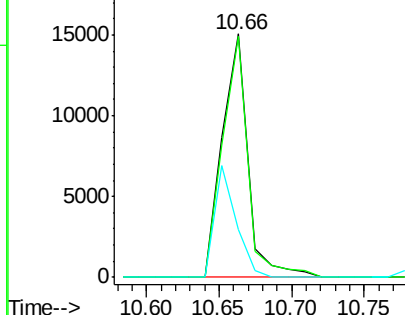
#41
 2,4,6-Tribromophenol
 Concen: 13.85 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082283.D
 Acq: 14 Oct 2015 17:01

Instrument :
 BNA_F
 ClientSampleId :
 LF-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.1	115.7
141	37.9	29.8	44.8

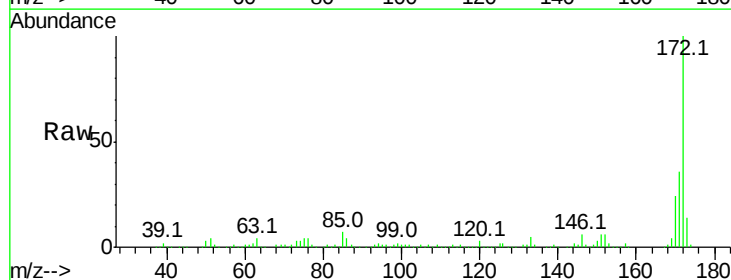


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

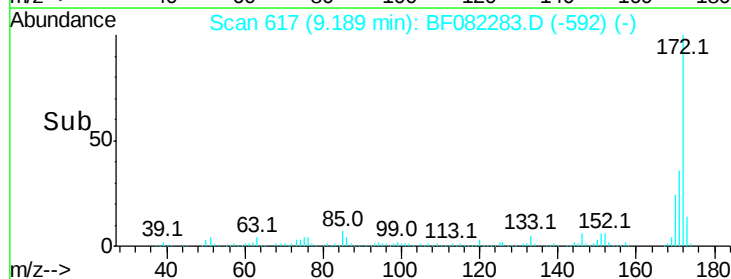
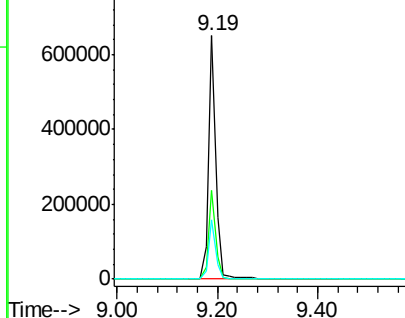


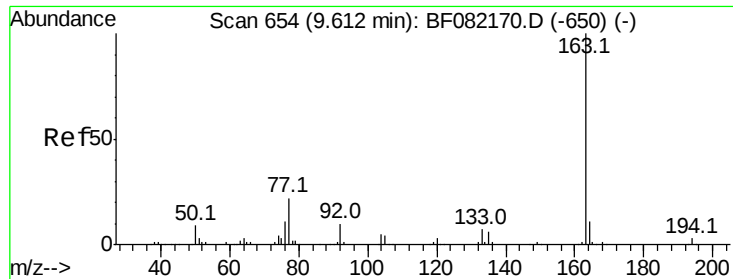
#44
 2-Fluorobiphenyl
 Concen: 76.19 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082283.D
 Acq: 14 Oct 2015 17:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	42.8
170	24.2	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

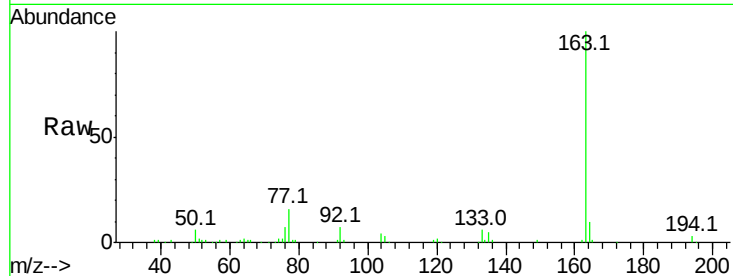




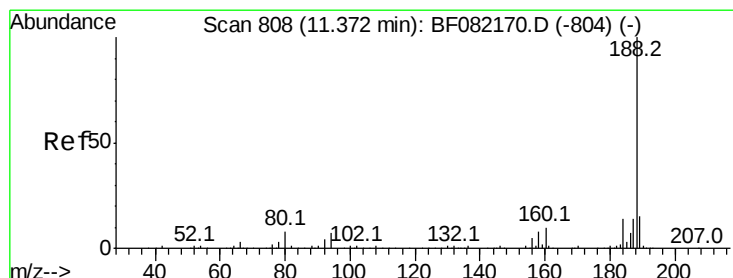
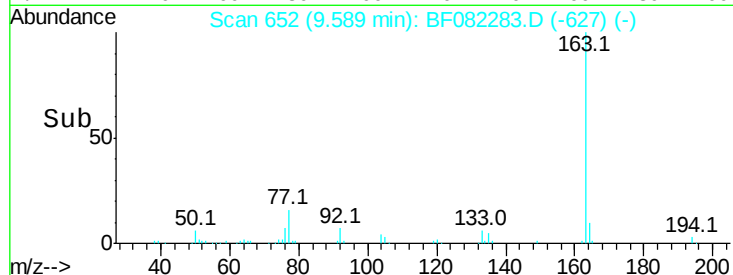
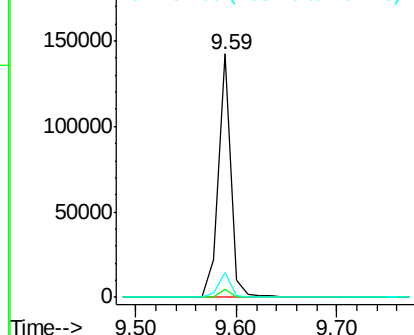
#49
Dimethylphthalate
Concen: 12.27 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF082283.D
Acq: 14 Oct 2015 17:01

Instrument :
BNA_F
ClientSampleId :
LF-4

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

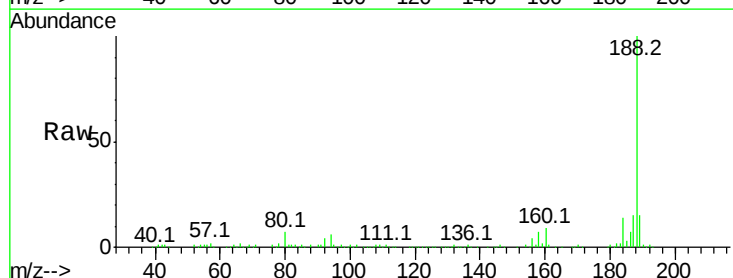


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

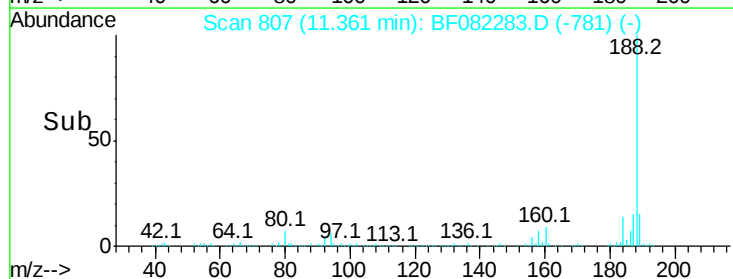
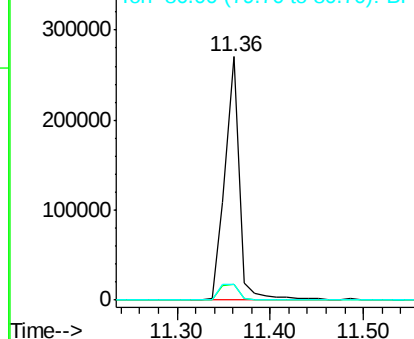


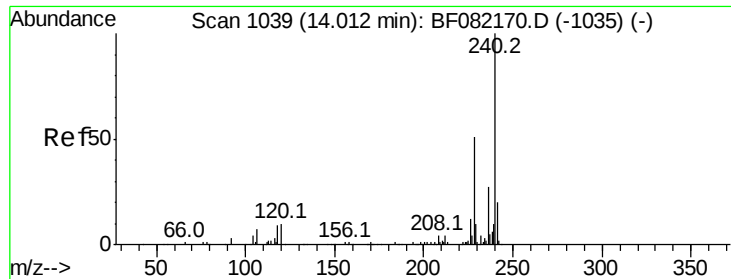
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF082283.D
Acq: 14 Oct 2015 17:01

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

Chrysene-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

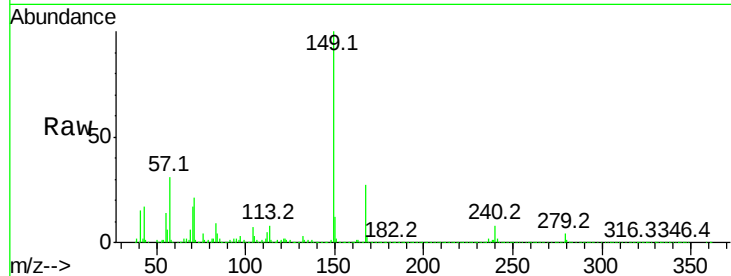
Tot Ion:240 Resp: 139837

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

150000

100000

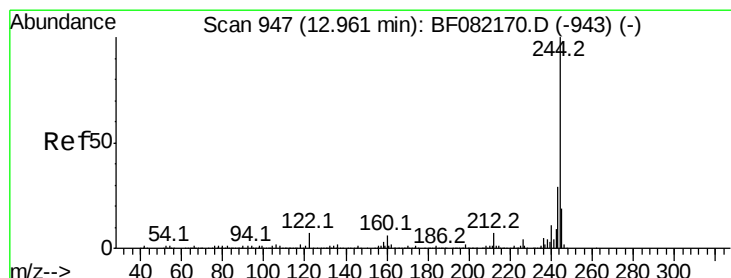
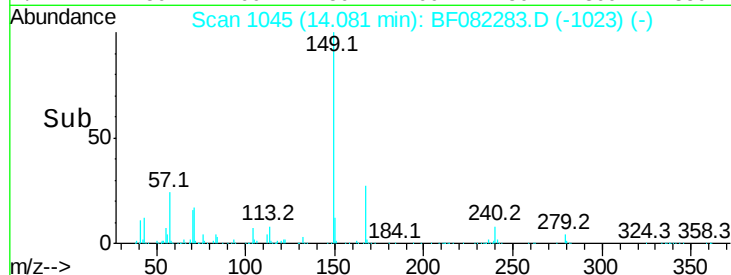
50000

0

14.08

14.00 14.10 14.20

Time-->



#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

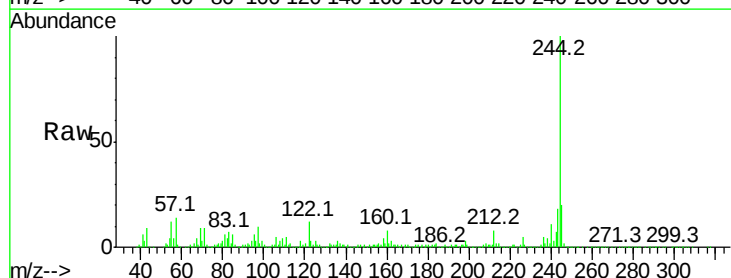
Tgt Ion:244 Resp: 606164

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

600000

400000

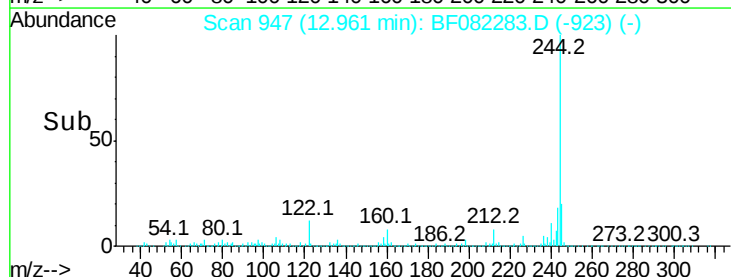
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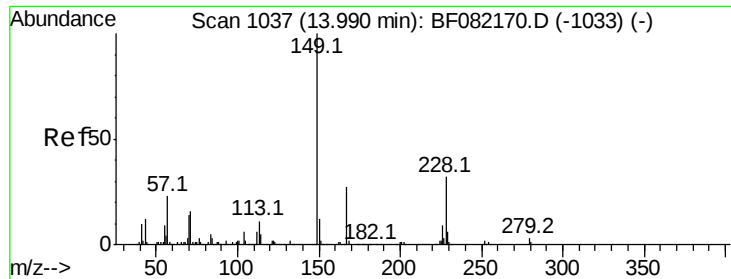
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12.96

12.80 13.00 13.20

Time-->

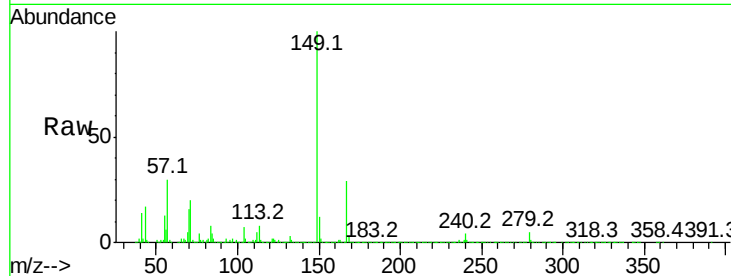




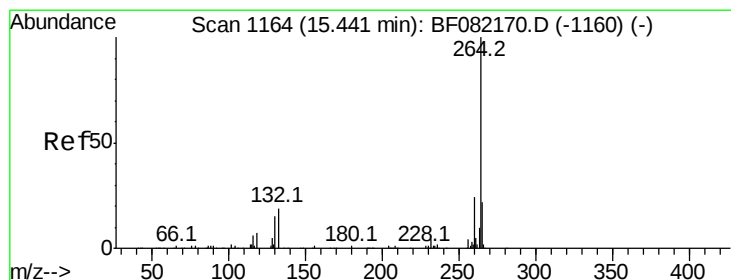
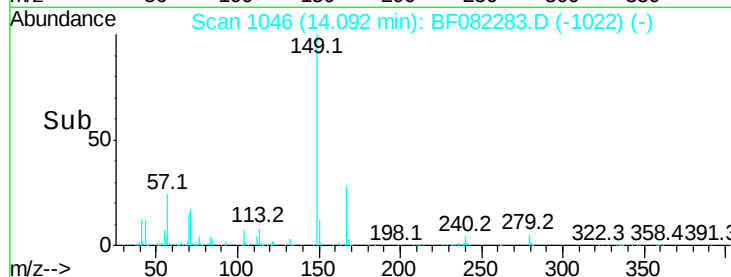
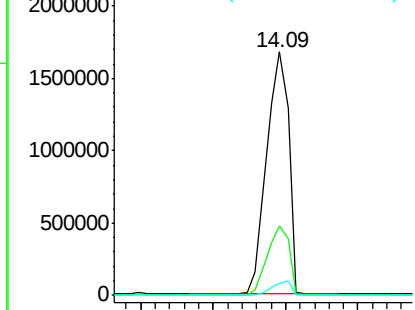
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 667.71 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.02 min
 Lab File: BF082283.D
 Acq: 14 Oct 2015 17:01

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#

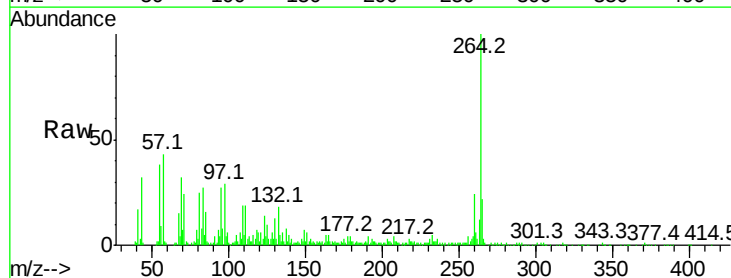


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#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

