

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
 Data File : BF081873.D
 Acq On : 29 Sep 2015 8:35
 Operator : UM/IZ
 Sample : G3717-12
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-9-17-15

Quant Time: Sep 29 13:24:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	103512	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	414610	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	193624	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	364963	20.00	ng	0.00
75) Chrysene-d12	14.12	240	348183	20.00	ng	0.00
86) Perylene-d12	15.58	264	269111	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	302270	53.01	ng	0.00
7) Phenol-d6	6.55	99	254176	35.42	ng	-0.01
23) Nitrobenzene-d5	7.50	82	644792	103.67	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	294498	150.18	ng	0.01
44) 2-Fluorobiphenyl	9.30	172	1269791	118.72	ng	0.00
78) Terphenyl-d14	13.05	244	1078314	107.90	ng	0.00

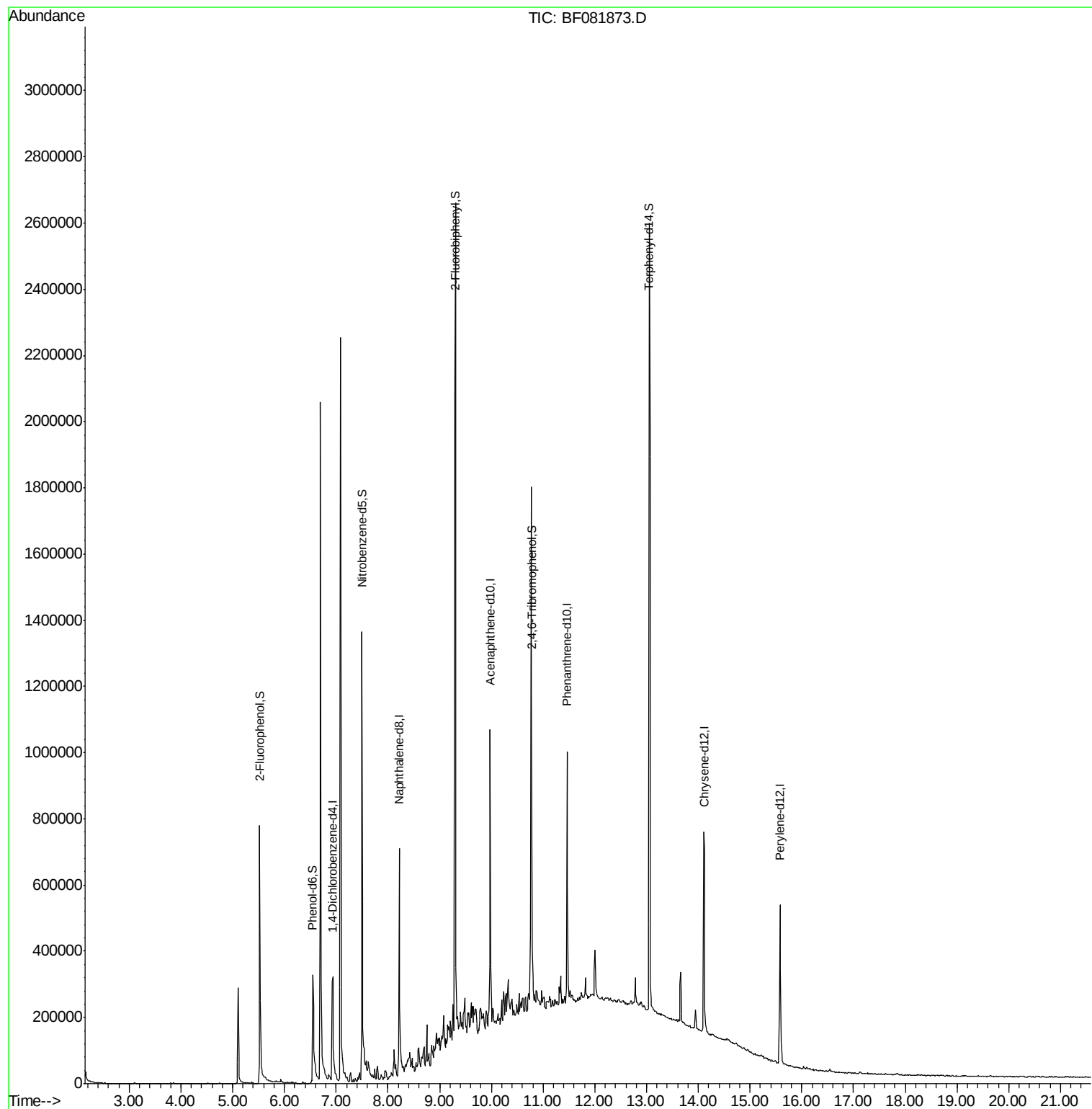
Target Compounds	Qvalue
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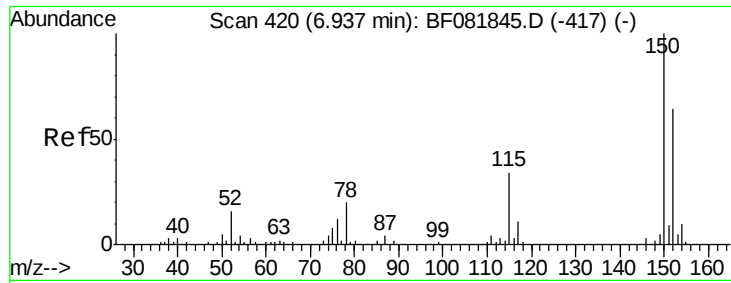
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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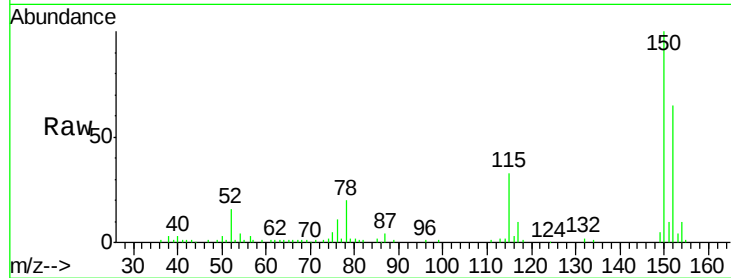




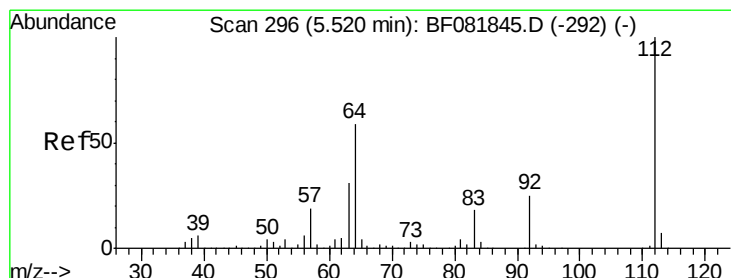
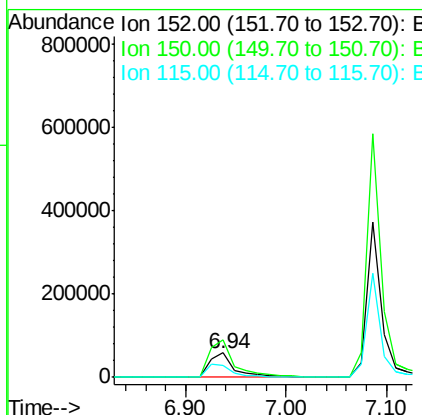
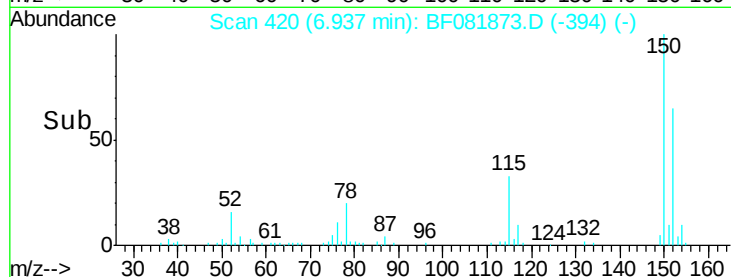
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BF081873.D
 Acq: 29 Sep 2015 8:35

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-9-17-15

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.7	187.1
115	50.2	39.0	58.4

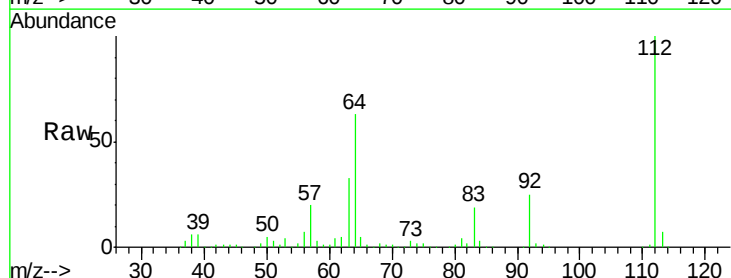


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

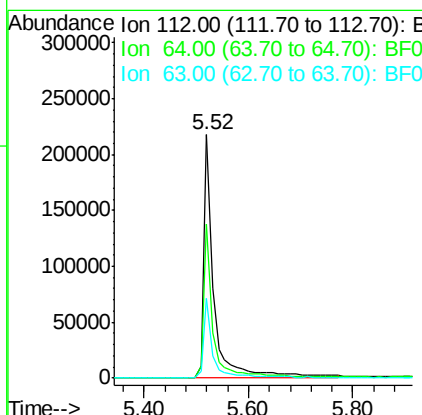
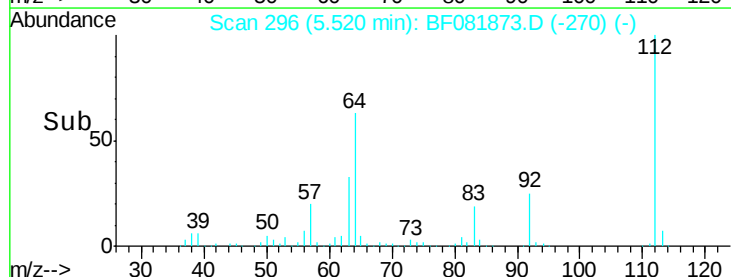


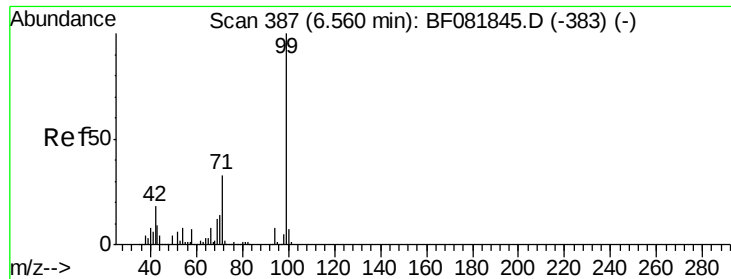
#5
 2-Fluorophenol
 Concen: 53.01 ng
 RT: 5.52 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: BF081873.D
 Acq: 29 Sep 2015 8:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	39.7	59.5#
63	32.9	17.4	26.0#



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: 35.42 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081873.D

Acq: 29 Sep 2015 8:35

Instrument :

BNA_F

ClientSampleId :

LIP-22-9-17-15

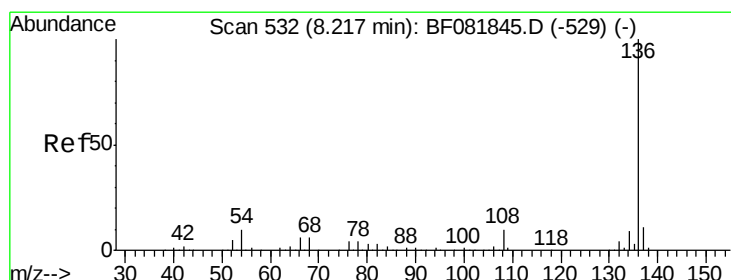
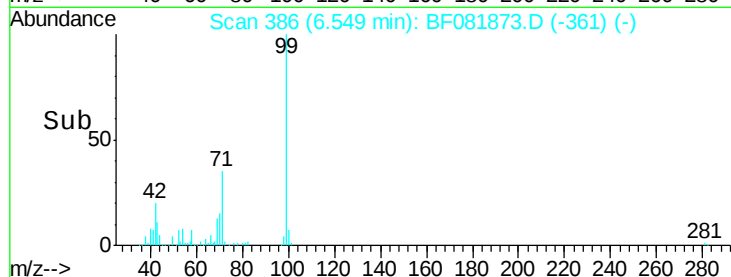
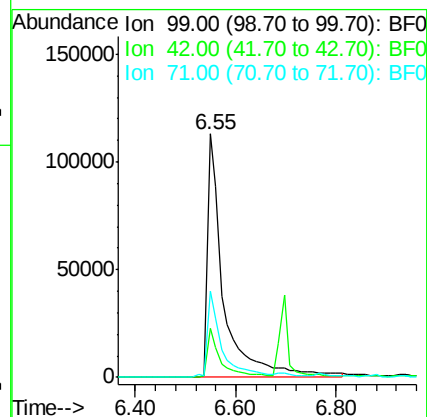
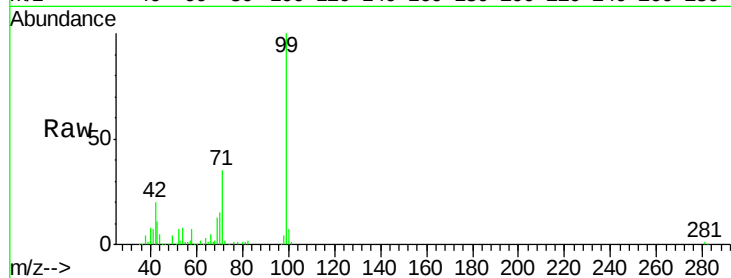
Tgt Ion: 99 Resp: 254176

Ion Ratio Lower Upper

99 100

42 20.2 13.7 20.5

71 35.4 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF081873.D

Acq: 29 Sep 2015 8:35

Tgt Ion: 136 Resp: 414610

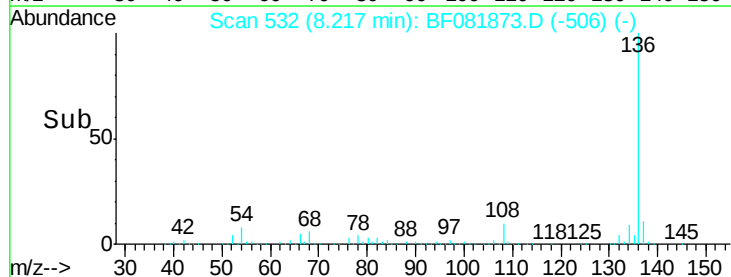
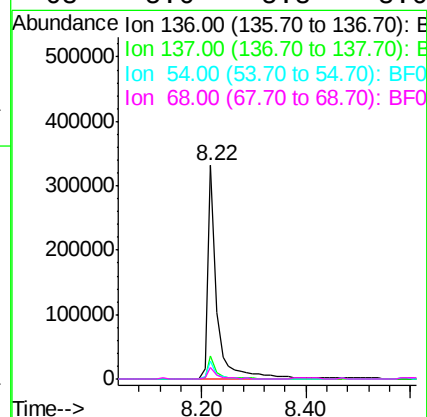
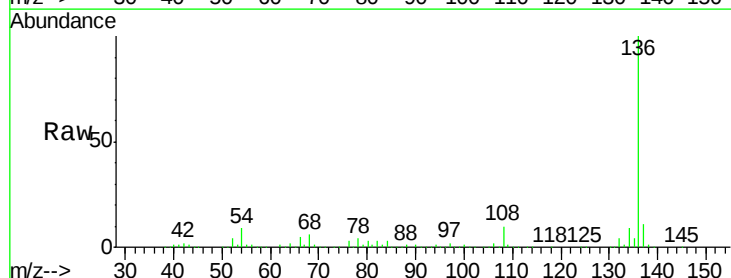
Ion Ratio Lower Upper

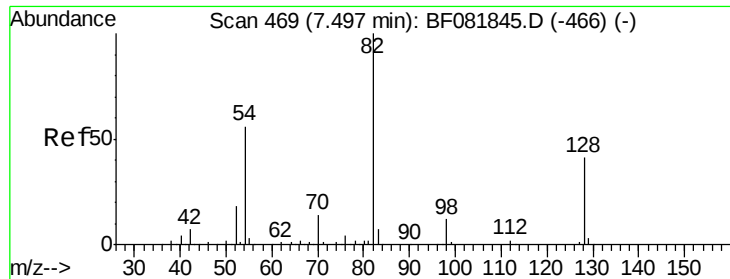
136 100

137 10.8 9.0 13.6

54 8.6 8.2 12.2

68 5.6 5.8 8.6#

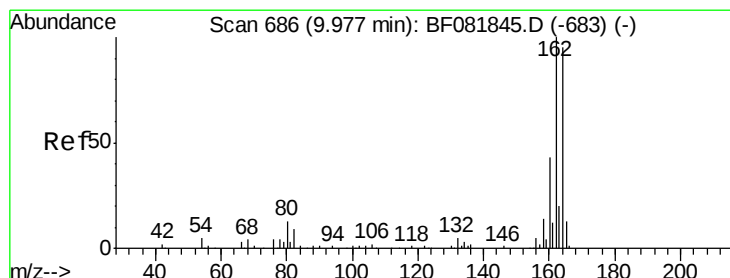
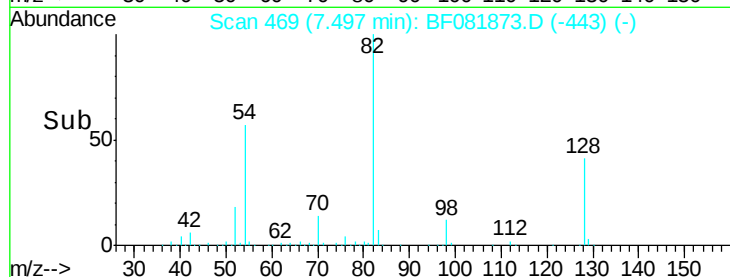
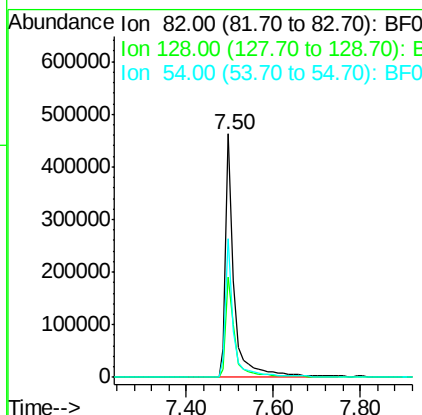
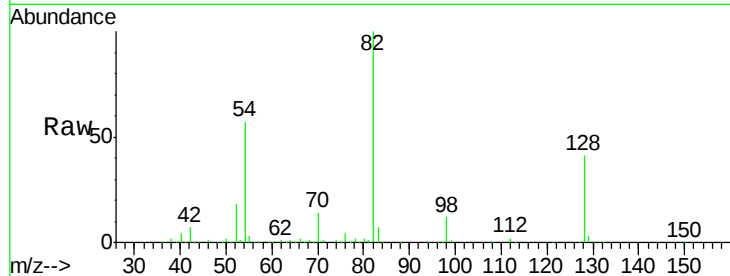




#23
 Nitrobenzene-d5
 Concen: 103.67 ng
 RT: 7.50 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081873.D
 Acq: 29 Sep 2015 8:35

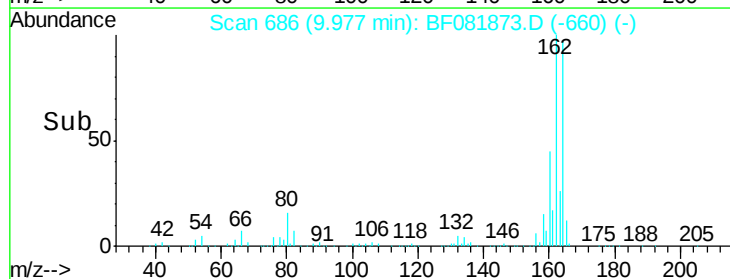
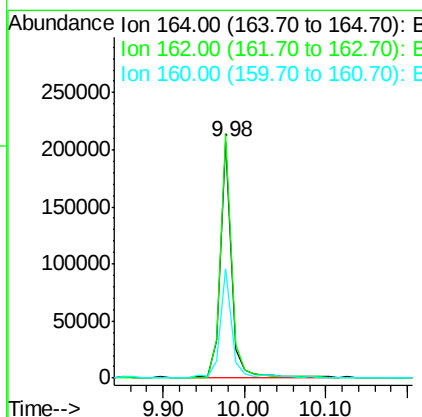
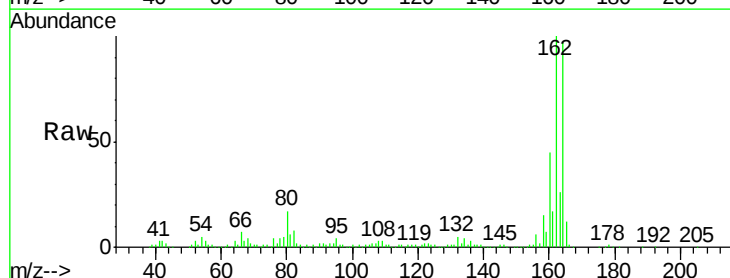
Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-9-17-15

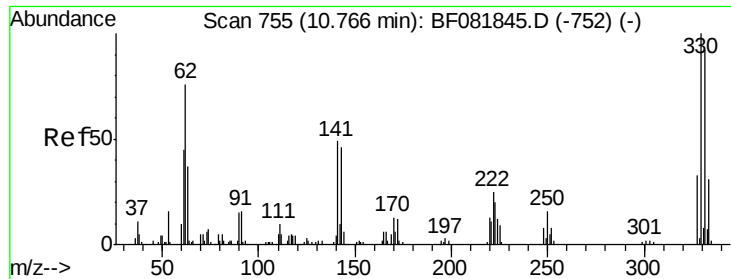
Tgt Ion: 82 Resp: 644792
 Ion Ratio Lower Upper
 82 100
 128 41.2 51.0 76.6#
 54 56.9 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF081873.D
 Acq: 29 Sep 2015 8:35

Tgt Ion: 164 Resp: 193624
 Ion Ratio Lower Upper
 164 100
 162 103.1 75.2 112.8
 160 46.2 31.5 47.3

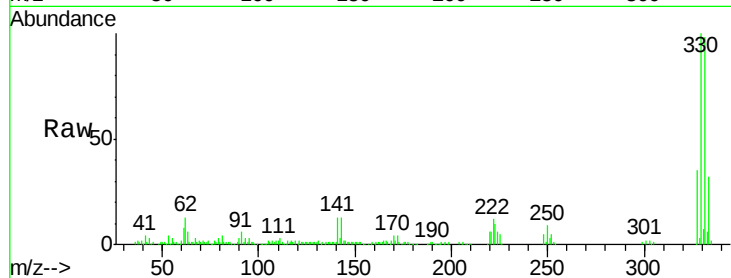




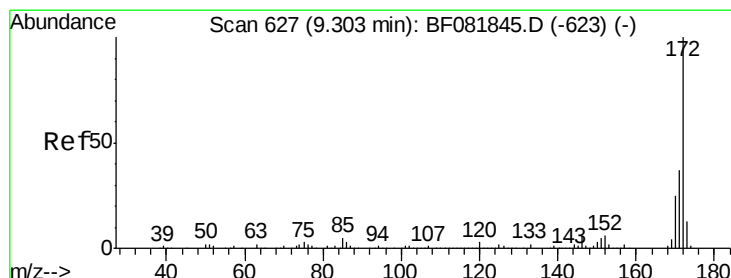
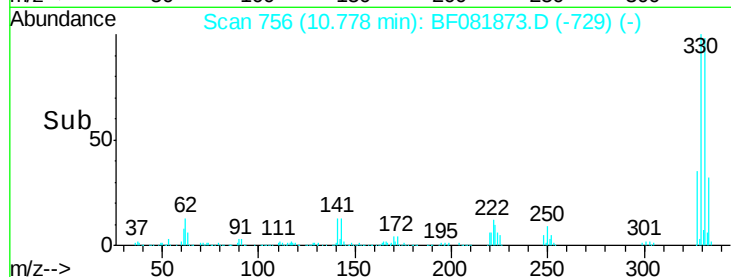
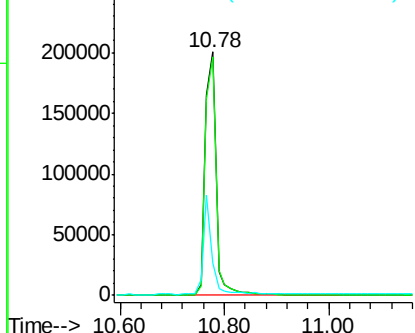
#41
 2,4,6-Tribromophenol
 Concen: 150.18 ng
 RT: 10.78 min Scan# 756
 Delta R.T. 0.01 min
 Lab File: BF081873.D
 Acq: 29 Sep 2015 8:35

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-9-17-15

Tgt Ion:330 Resp: 294498
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 32.6 29.7 44.5

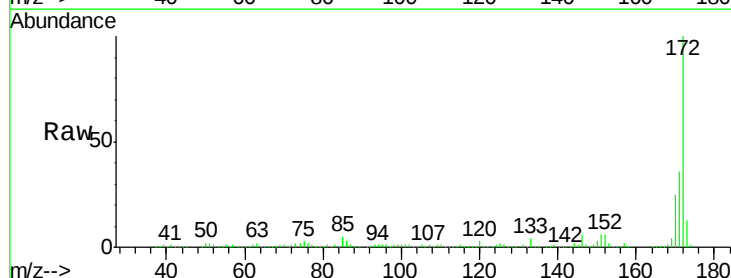


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

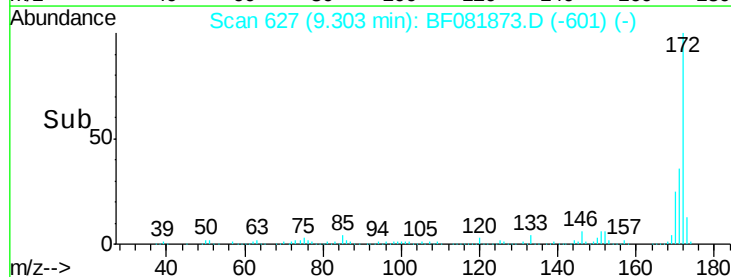
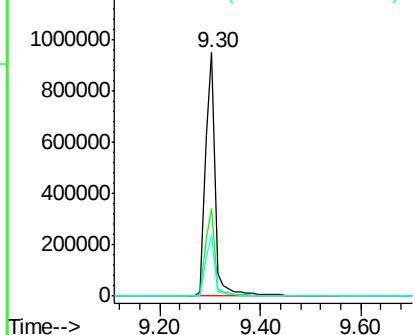


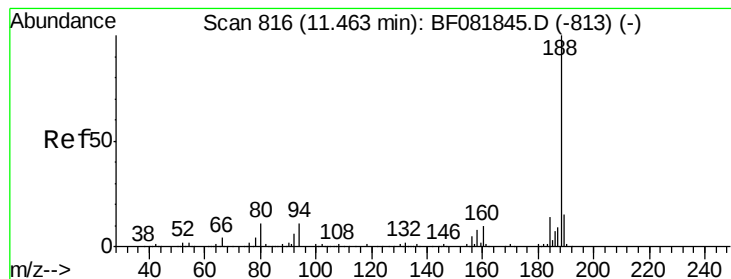
#44
 2-Fluorobiphenyl
 Concen: 118.72 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081873.D
 Acq: 29 Sep 2015 8:35

Tgt Ion:172 Resp: 1269791
 Ion Ratio Lower Upper
 172 100
 171 35.9 26.1 39.1
 170 24.8 17.4 26.2



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF081873.D

Acq: 29 Sep 2015 8:35

Instrument :

BNA_F

ClientSampleId :

LIP-22-9-17-15

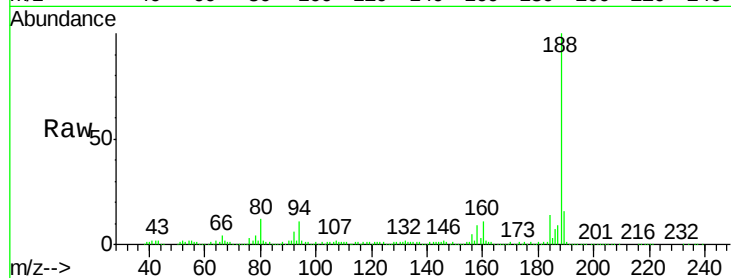
Tgt Ion:188 Resp: 364963

Ion Ratio Lower Upper

188 100

94 10.9 11.1 16.7#

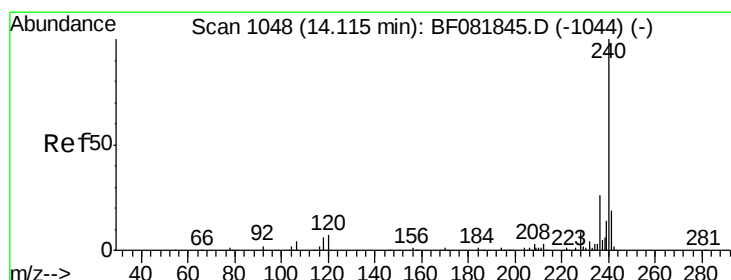
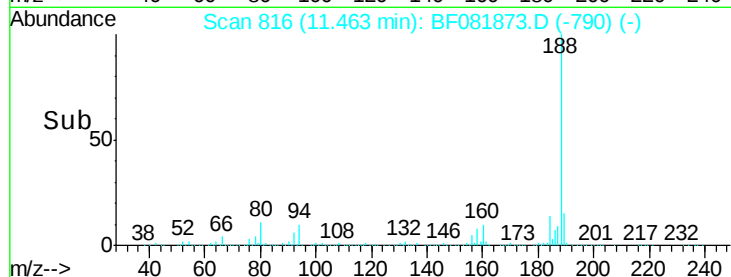
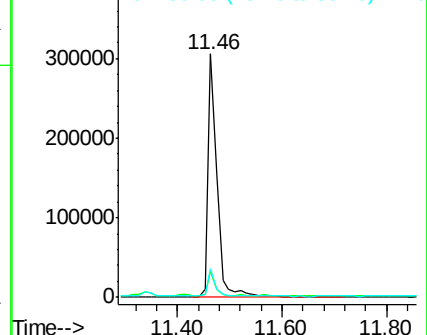
80 11.6 11.0 16.4



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: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081873.D

Acq: 29 Sep 2015 8:35

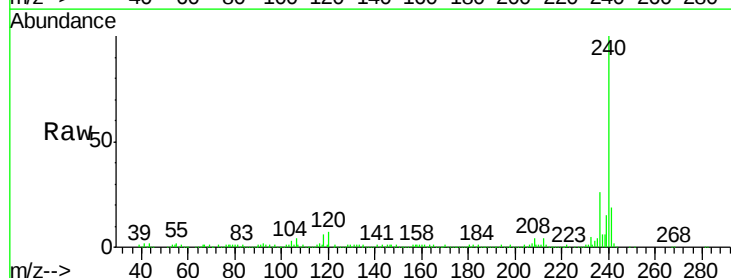
Tgt Ion:240 Resp: 348183

Ion Ratio Lower Upper

240 100

120 6.7 16.2 24.2#

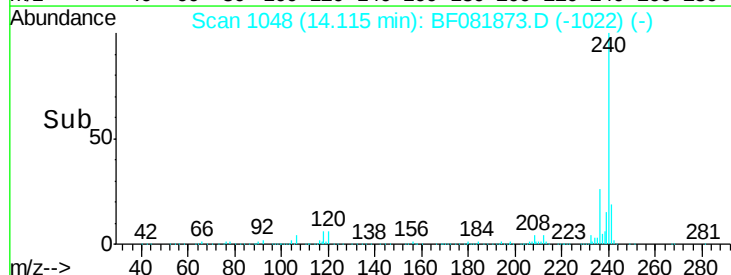
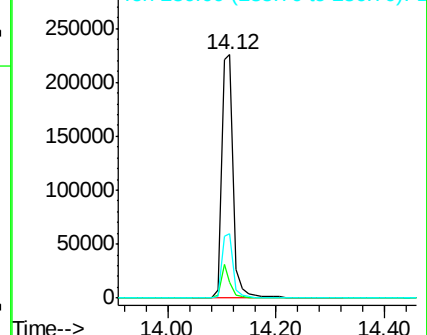
236 26.5 18.4 27.6

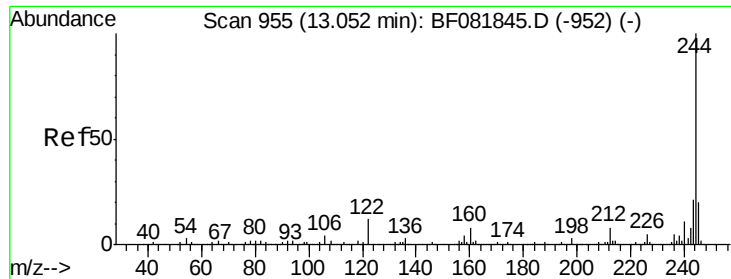


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 107.90 ng

RT: 13.05 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF081873.D

Acq: 29 Sep 2015 8:35

Instrument :

BNA_F

ClientSampleId :

LIP-22-9-17-15

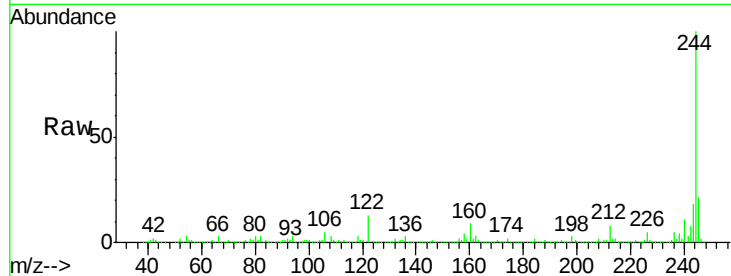
Tgt Ion:244 Resp: 1078314

Ion Ratio Lower Upper

244 100

212 8.2 4.3 6.5#

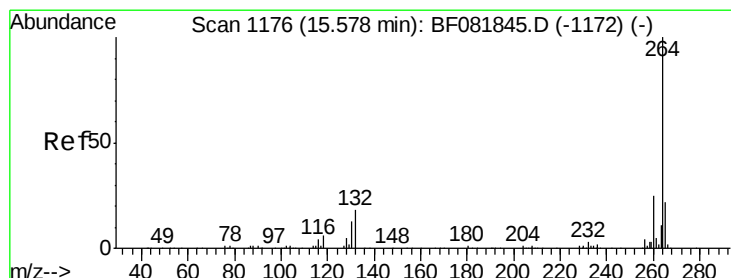
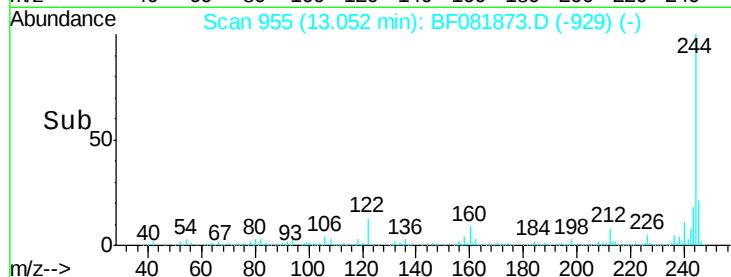
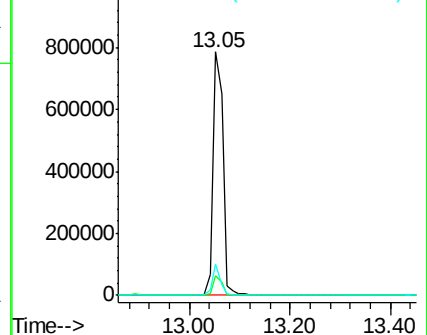
122 12.9 17.4 26.2#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.58 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF081873.D

Acq: 29 Sep 2015 8:35

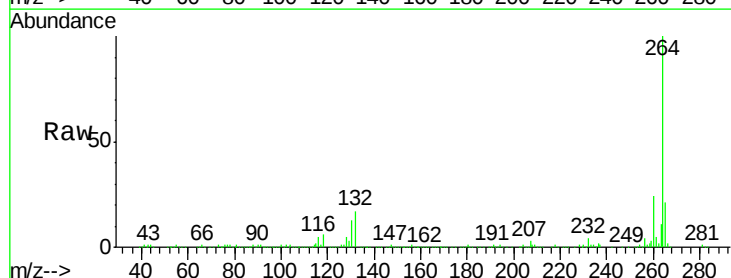
Tgt Ion:264 Resp: 269111

Ion Ratio Lower Upper

264 100

260 23.9 16.7 25.1

265 21.2 17.2 25.8



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

