

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
 Data File : BF081855.D
 Acq On : 28 Sep 2015 21:16
 Operator : UM/IZ
 Sample : PB85768BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85768BL

Quant Time: Sep 29 03:29:14 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	102902	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	415660	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	204467	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	402888	20.00	ng	0.00
75) Chrysene-d12	14.10	240	358381	20.00	ng	-0.01
86) Perylene-d12	15.58	264	291478	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	637314	112.43	ng	0.01
7) Phenol-d6	6.55	99	798211	111.91	ng	-0.01
23) Nitrobenzene-d5	7.50	82	503535	80.75	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	227605	109.91	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	953077	76.50	ng	-0.01
78) Terphenyl-d14	13.05	244	955120	86.50	ng	0.00

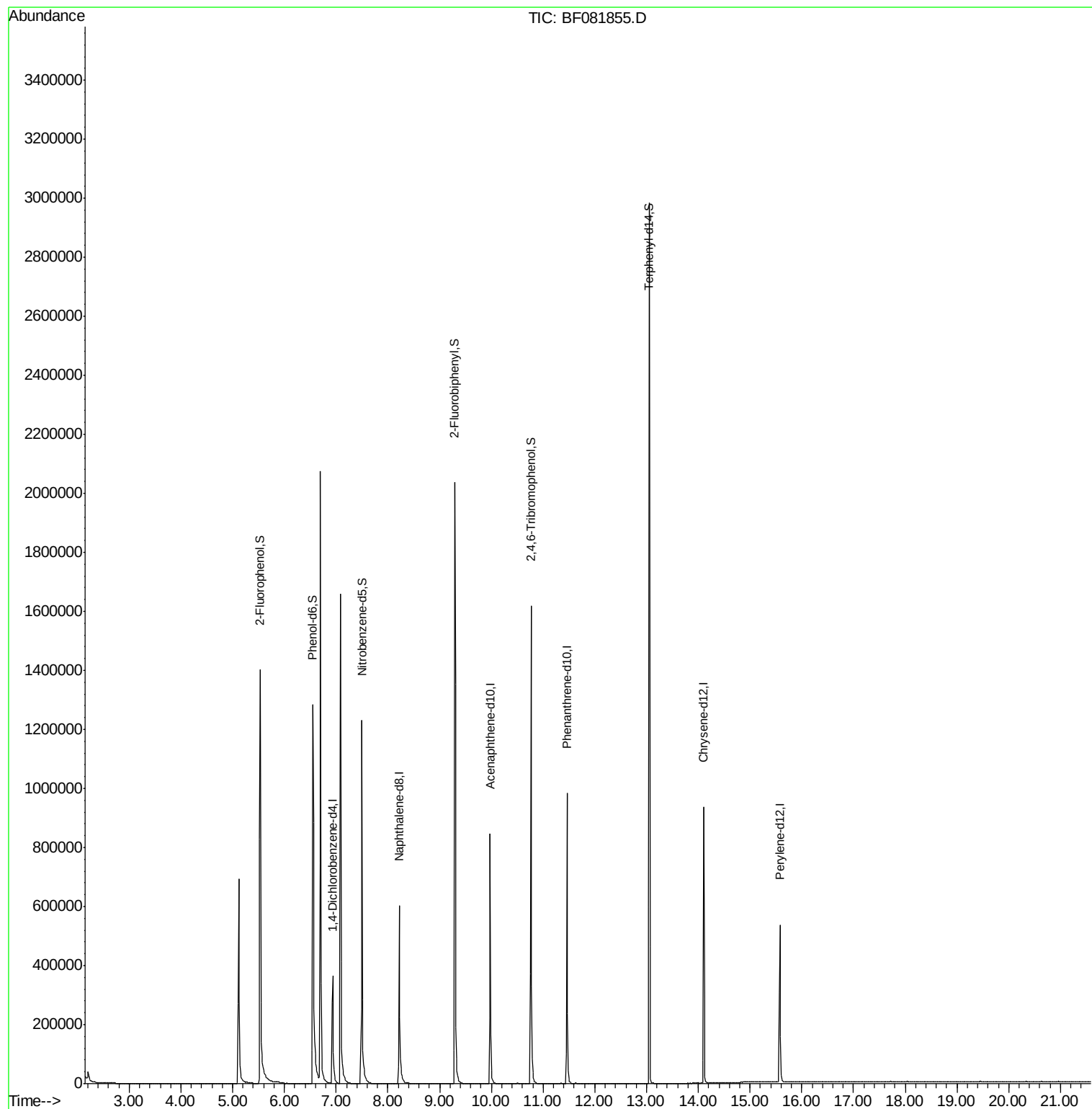
Target Compounds Qvalue

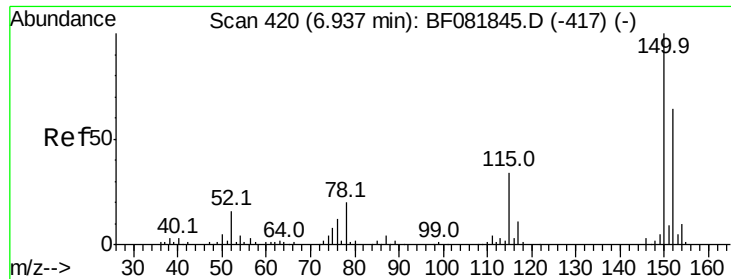
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081855.D

Acq: 28 Sep 2015 21:16

Instrument :

BNA_F

ClientSampleId :

PB85768BL

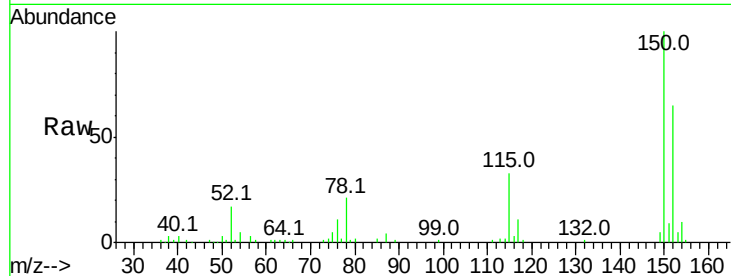
Tot Ion:152 Resp: 102902

Ion Ratio Lower Upper

152 100

150 155.0 124.7 187.1

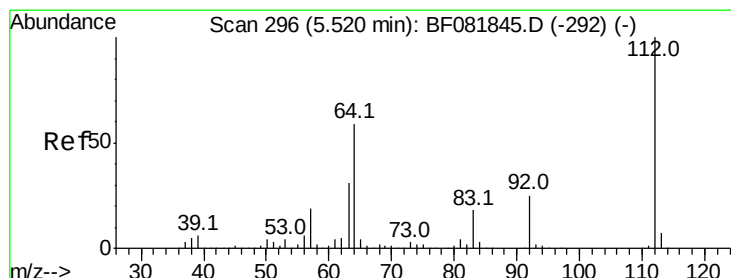
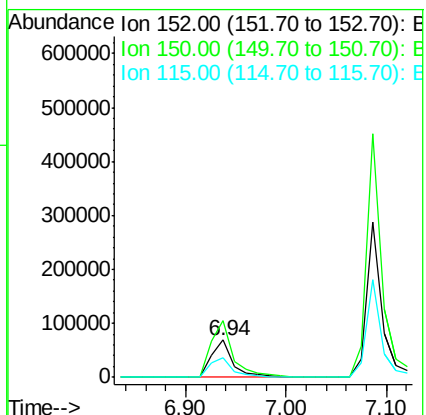
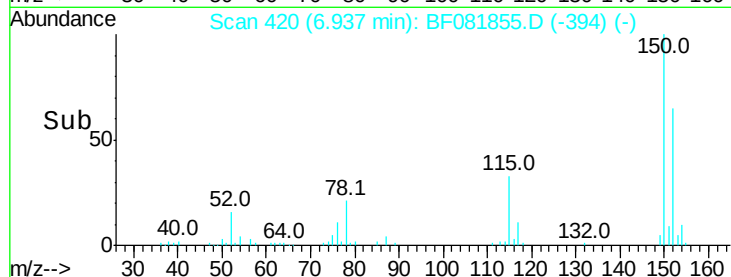
115 51.9 39.0 58.4



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: 112.43 ng

RT: 5.53 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF081855.D

Acq: 28 Sep 2015 21:16

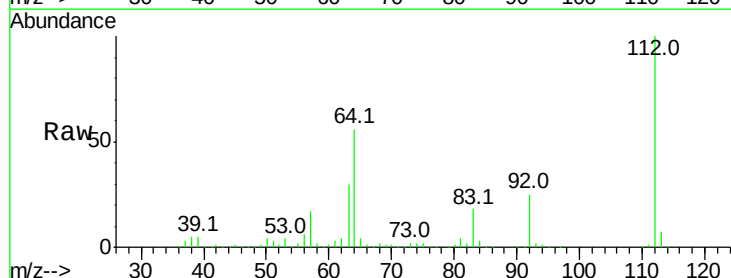
Tgt Ion:112 Resp: 637314

Ion Ratio Lower Upper

112 100

64 56.1 39.7 59.5

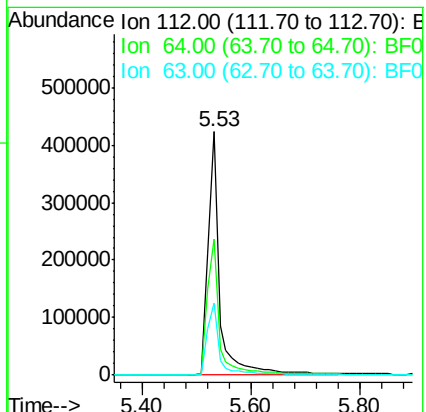
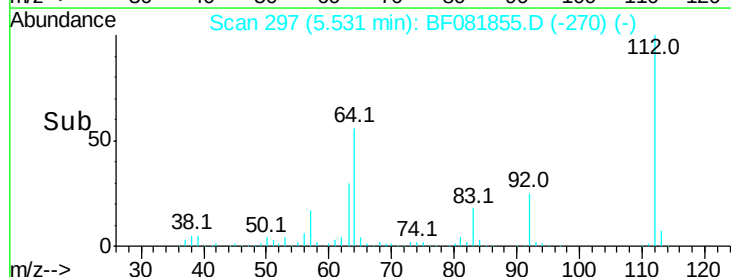
63 29.6 17.4 26.0#

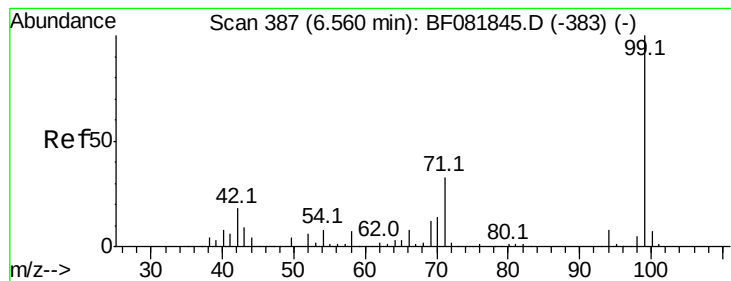


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.91 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081855.D

Acq: 28 Sep 2015 21:16

Instrument :

BNA_F

ClientSampleId :

PB85768BL

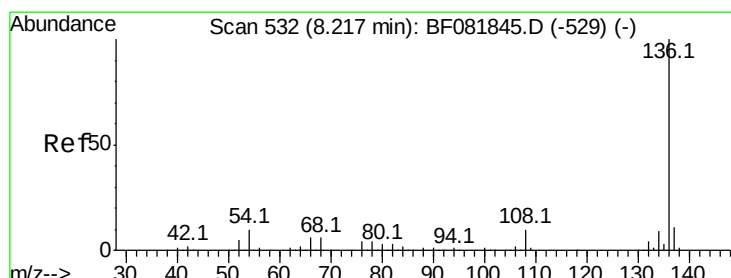
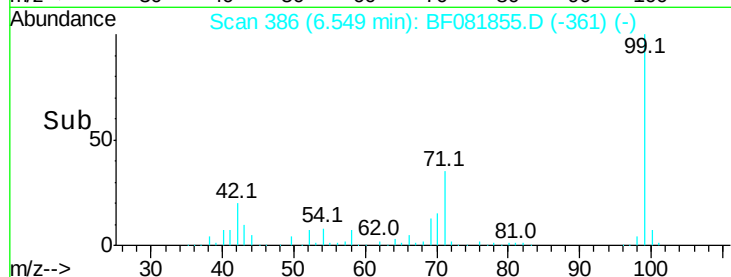
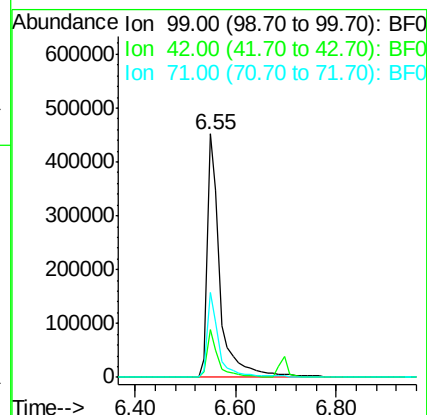
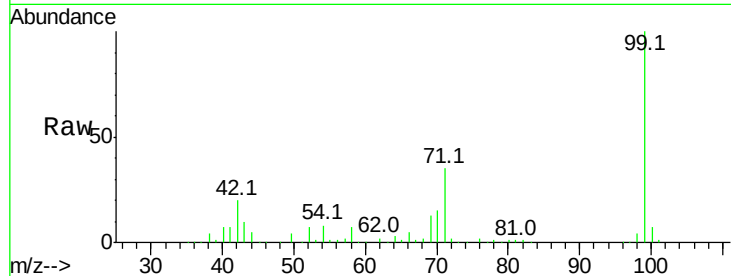
Tot Ion: 99 Resp: 798211

Ion Ratio Lower Upper

99 100

42 19.7 13.7 20.5

71 35.1 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: BF081855.D

Acq: 28 Sep 2015 21:16

Tgt Ion: 136 Resp: 415660

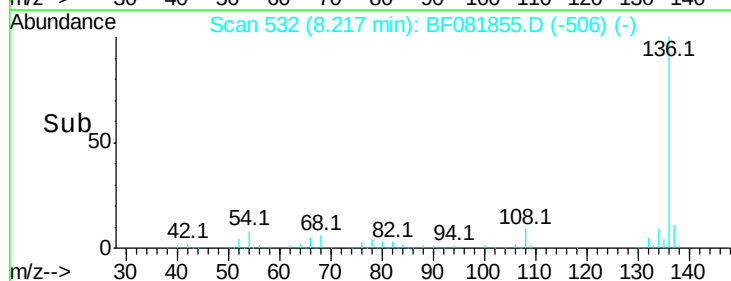
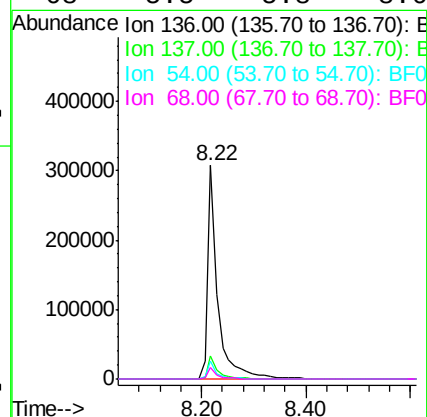
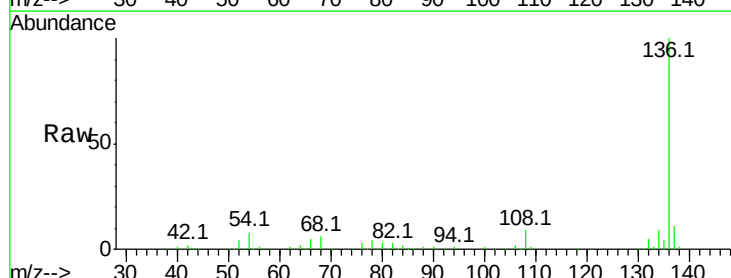
Ion Ratio Lower Upper

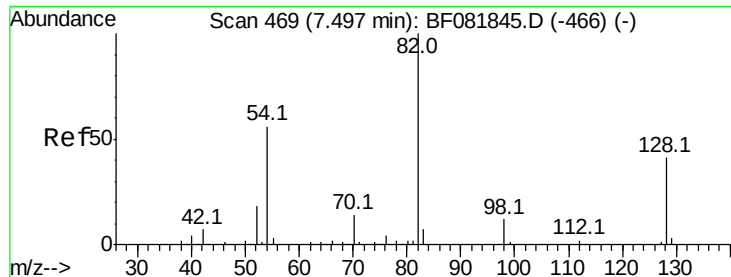
136 100

137 10.8 9.0 13.6

54 8.2 8.2 12.2

68 5.5 5.8 8.6#

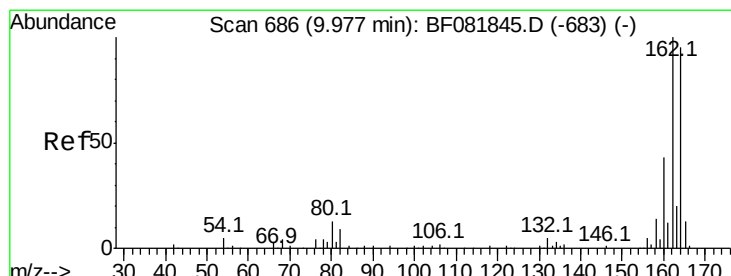
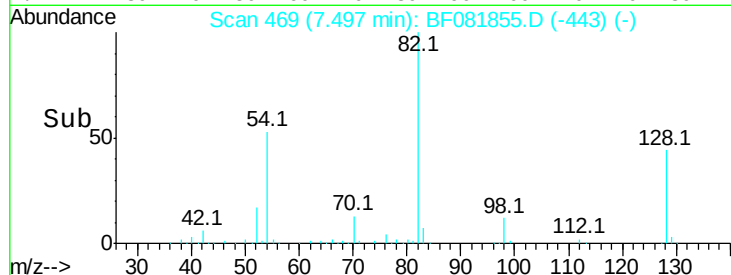
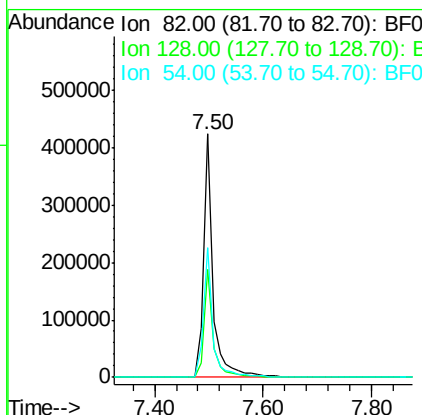
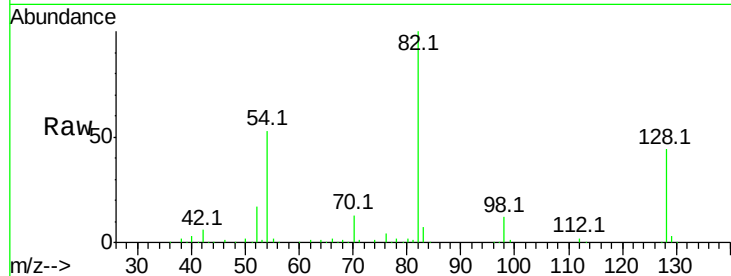




#23
 Nitrobenzene-d5
 Concen: 80.75 ng
 RT: 7.50 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081855.D
 Acq: 28 Sep 2015 21:16

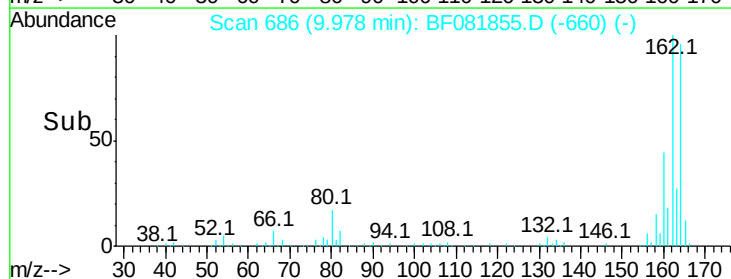
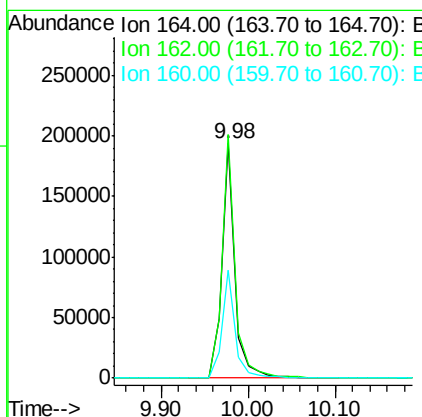
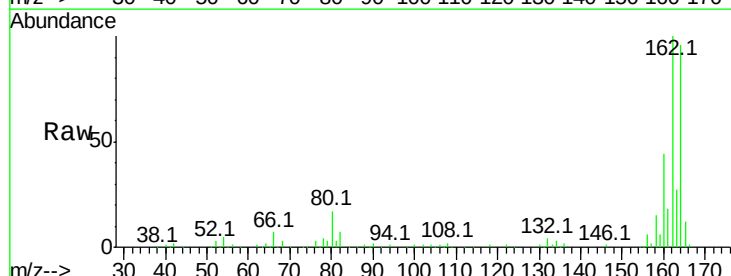
Instrument :
 BNA_F
 ClientSampleId :
 PB85768BL

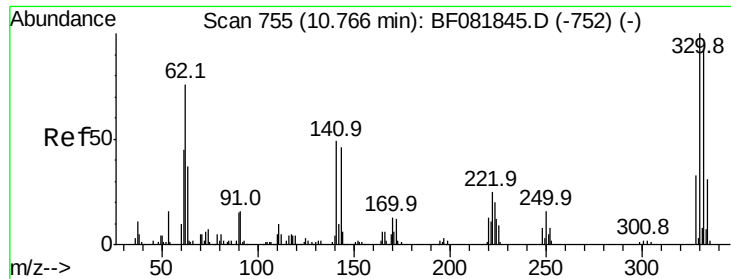
Tot Ion: 82 Resp: 503535
 Ion Ratio Lower Upper
 82 100
 128 44.2 51.0 76.6#
 54 53.1 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF081855.D
 Acq: 28 Sep 2015 21:16

Tgt Ion: 164 Resp: 204467
 Ion Ratio Lower Upper
 164 100
 162 103.9 75.2 112.8
 160 45.8 31.5 47.3

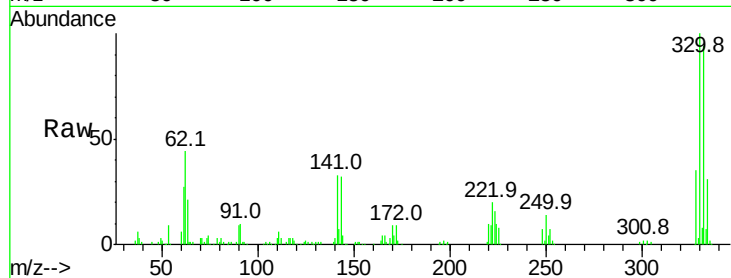




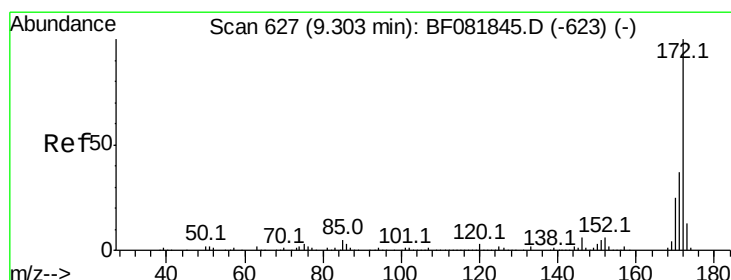
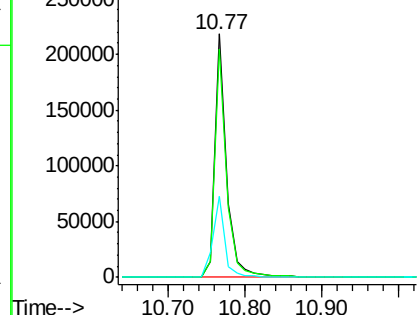
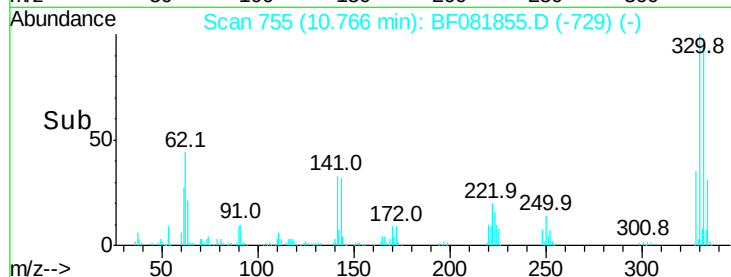
#41
 2,4,6-Tribromophenol
 Concen: 109.91 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081855.D
 Acq: 28 Sep 2015 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85768BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.6	114.8
141	34.0	29.7	44.5

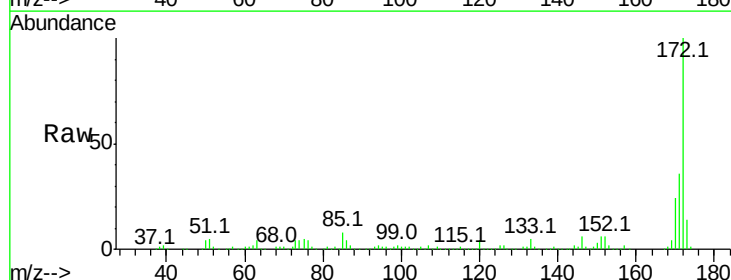


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

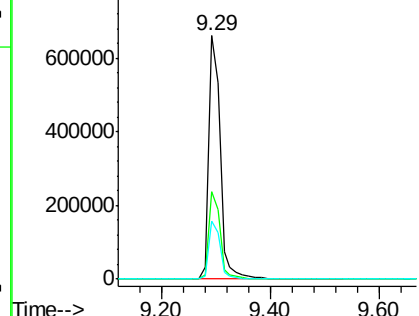
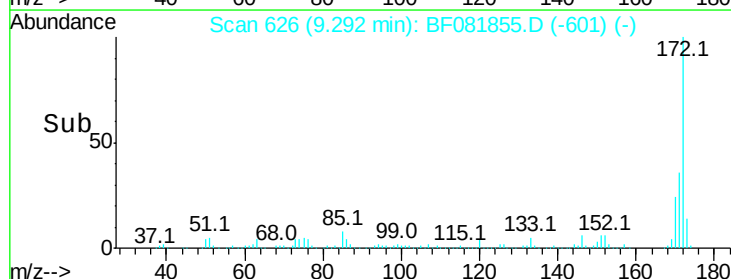


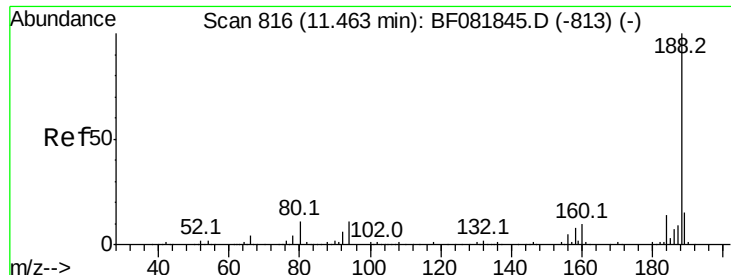
#44
 2-Fluorobiphenyl
 Concen: 76.50 ng
 RT: 9.29 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081855.D
 Acq: 28 Sep 2015 21:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	26.1	39.1
170	24.0	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

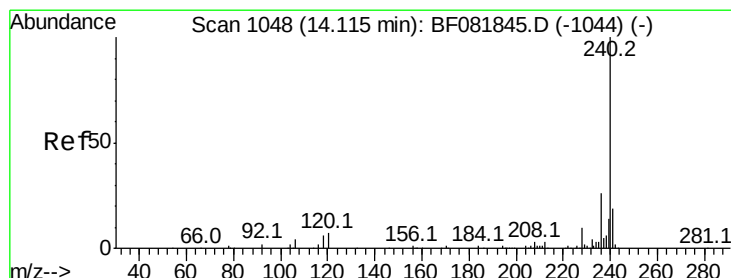
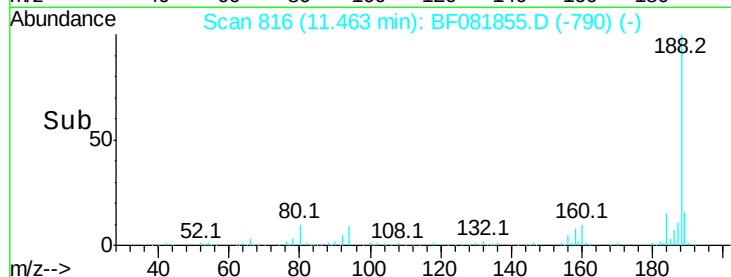
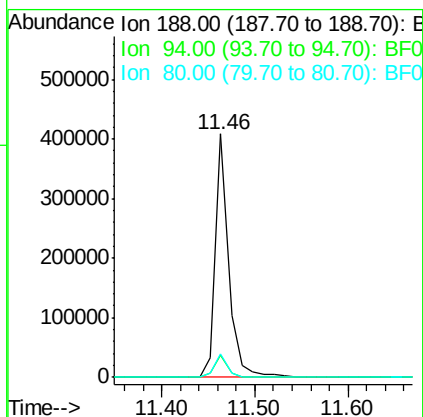
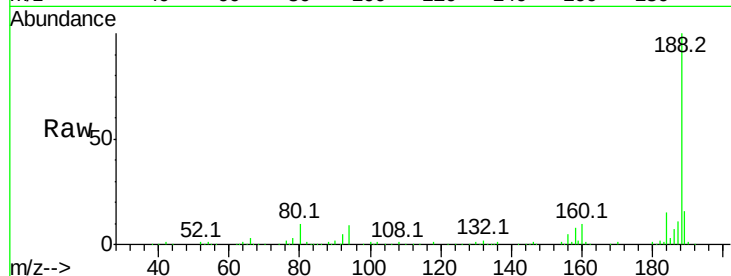




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF081855.D
Acq: 28 Sep 2015 21:16

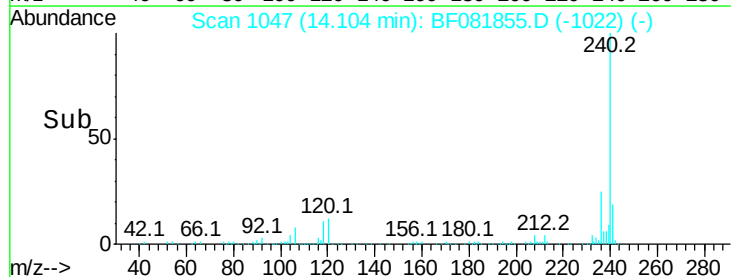
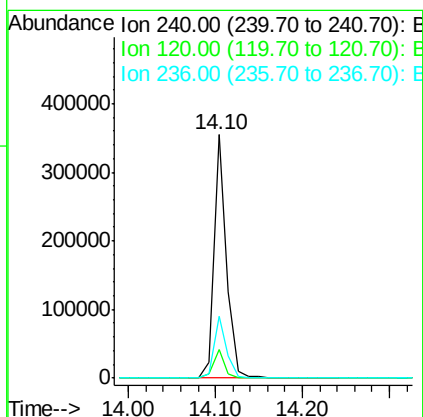
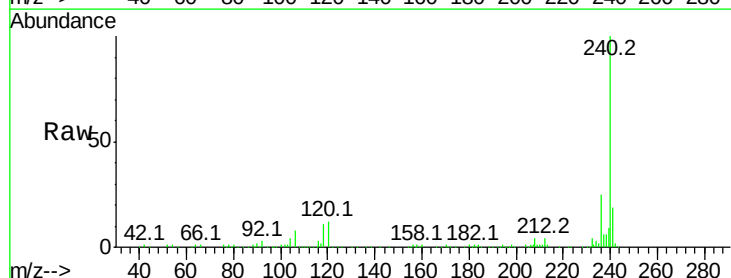
Instrument :
BNA_F
ClientSampled :
PB85768BL

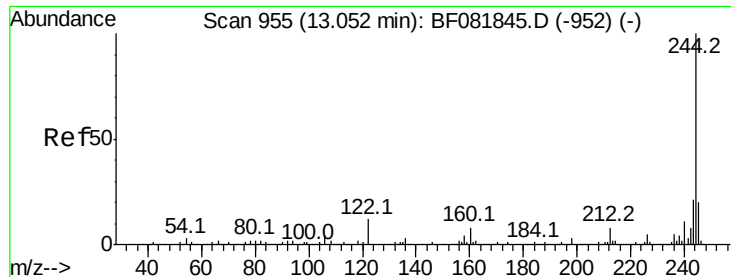
Tot Ion:188 Resp: 402888
Ion Ratio Lower Upper
188 100
94 9.0 11.1 16.7#
80 9.6 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF081855.D
Acq: 28 Sep 2015 21:16

Tgt Ion:240 Resp: 358381
Ion Ratio Lower Upper
240 100
120 11.9 16.2 24.2#
236 25.5 18.4 27.6

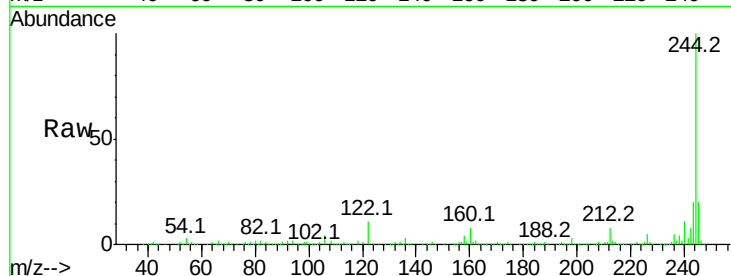




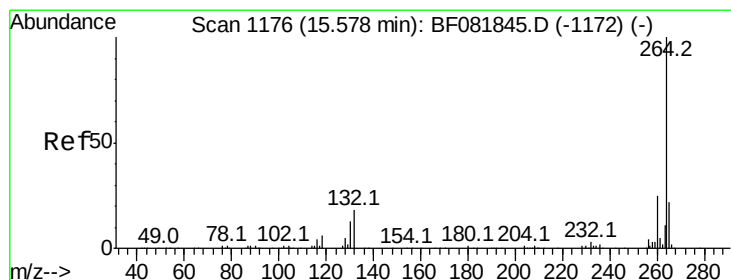
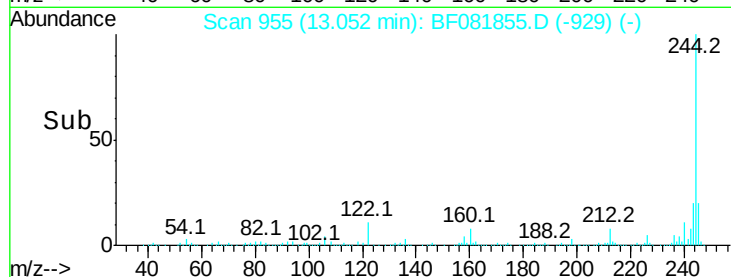
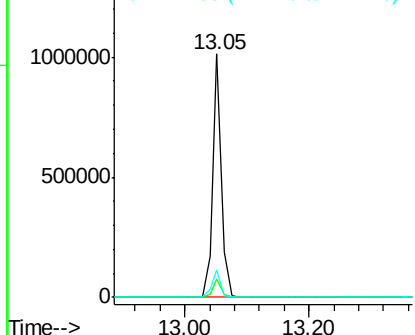
#78
 Terphenyl-d14
 Concen: 86.50 ng
 RT: 13.05 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF081855.D
 Acq: 28 Sep 2015 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85768BL

Tot Ion:244 Resp: 955120
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 11.1 17.4 26.2#

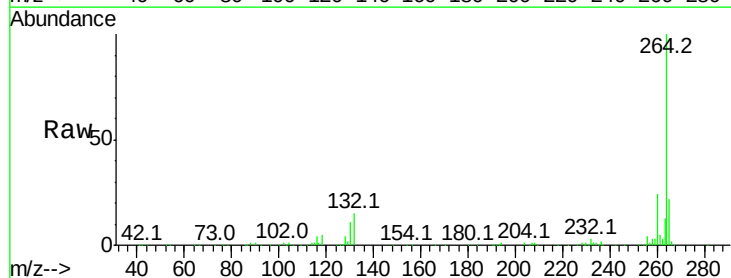


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF081855.D
 Acq: 28 Sep 2015 21:16

Tgt Ion:264 Resp: 291478
 Ion Ratio Lower Upper
 264 100
 260 24.3 16.7 25.1
 265 22.3 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

