

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092915\
 Data File : BF081895.D
 Acq On : 30 Sep 2015 3:55
 Operator : UM/IZ
 Sample : PB85832BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85832BL

Quant Time: Sep 30 06:43:05 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	6.93	152	109520	20.00	ng	-0.01
21) Naphthalene-d8	8.21	136	369022	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	182711	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	389659	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	421517	20.00	ng	-0.02
86) Perylene-d12	15.57	264	279483	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	445386	73.82	ng	0.00
7) Phenol-d6	6.55	99	812354	107.01	ng	-0.01
23) Nitrobenzene-d5	7.49	82	458639	82.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	203112	109.77	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	873970	78.94	ng	-0.02
78) Terphenyl-d14	13.04	244	786493	54.55	ng	-0.01

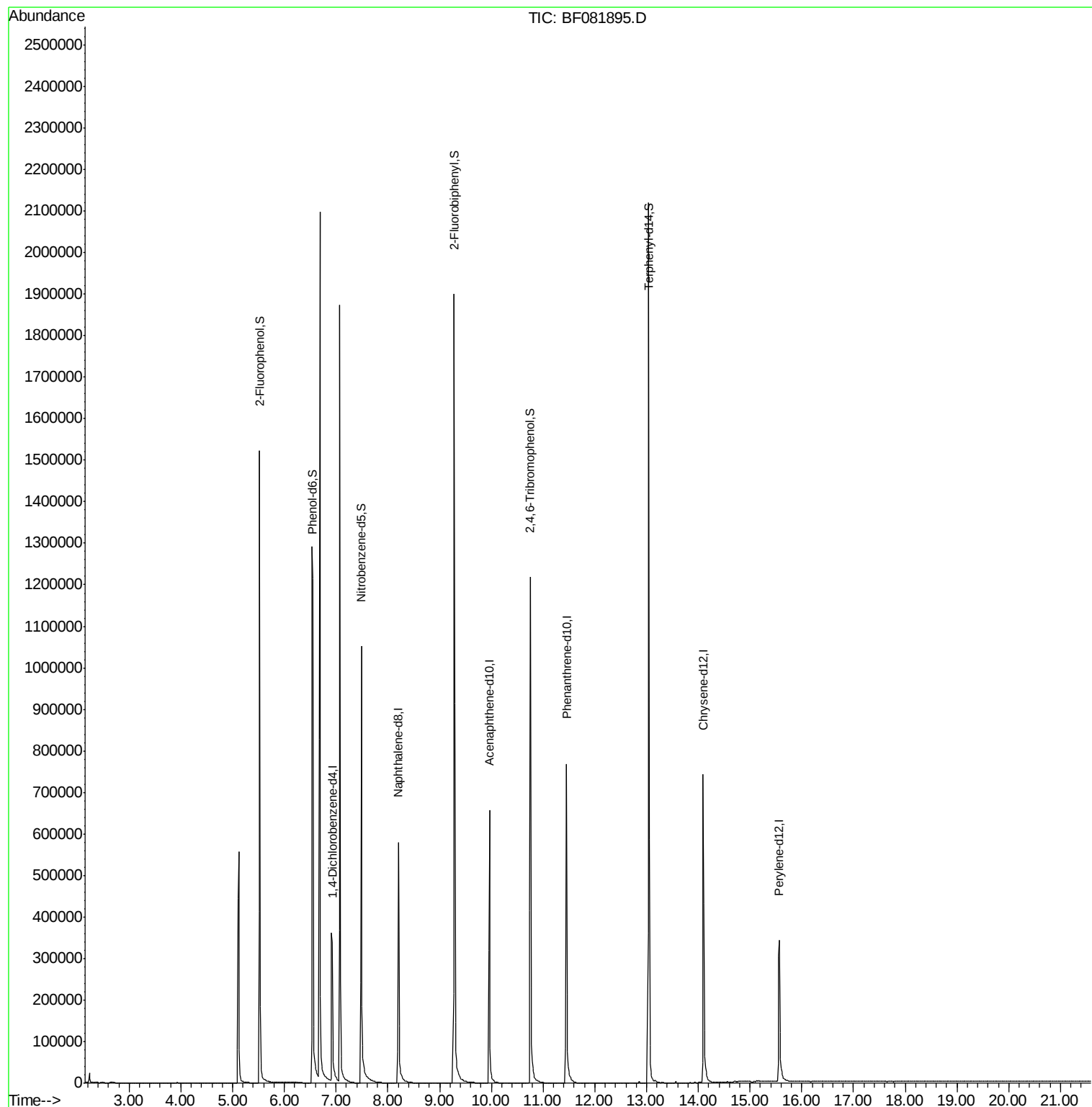
Target Compounds Qvalue

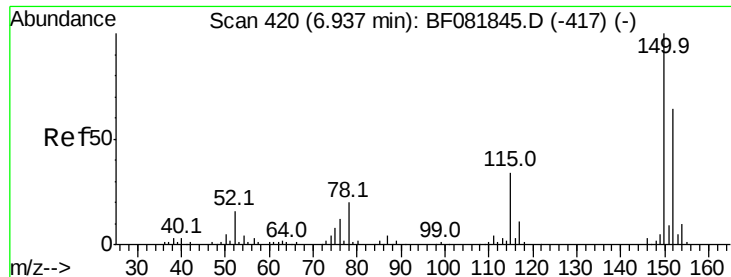
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF081895.D

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Instrument :

BNA_F

ClientSampleId :

PB85832BL

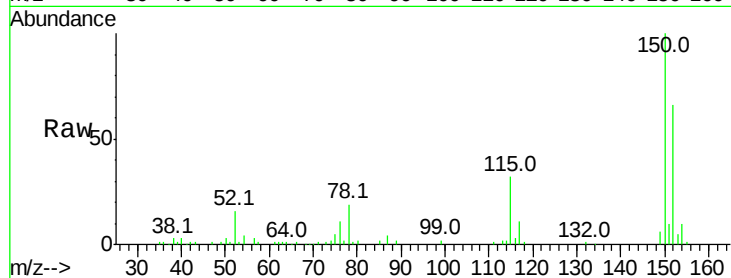
Tot Ion:152 Resp: 109520

Ion Ratio Lower Upper

152 100

150 151.6 124.7 187.1

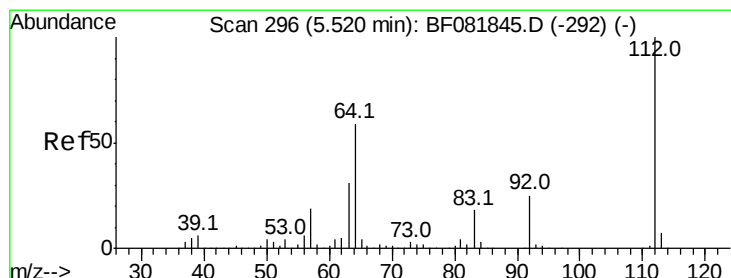
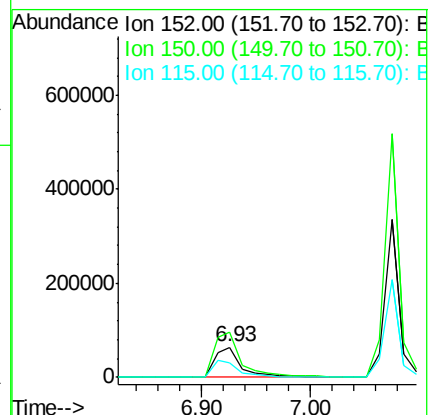
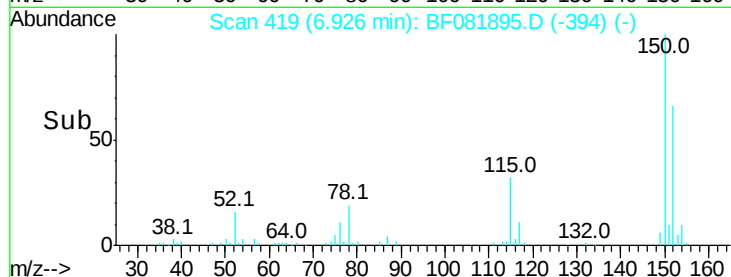
115 48.9 39.0 58.4



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: 73.82 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081895.D

Acq: 30 Sep 2015 3:55

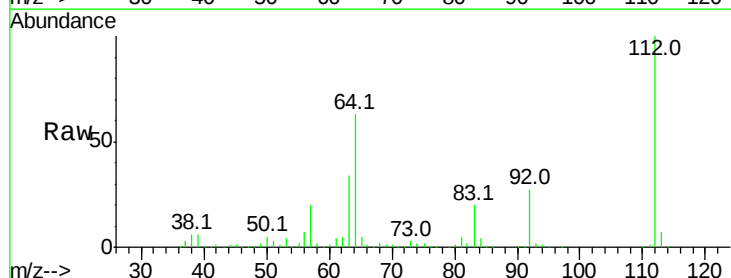
Tgt Ion:112 Resp: 445386

Ion Ratio Lower Upper

112 100

64 63.3 39.7 59.5#

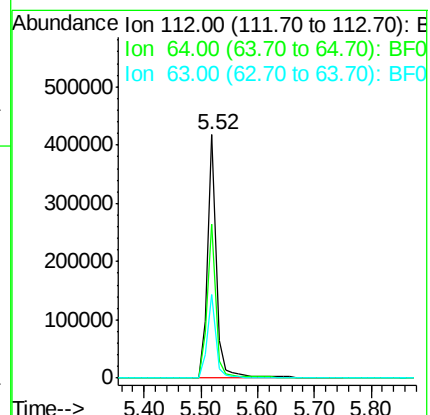
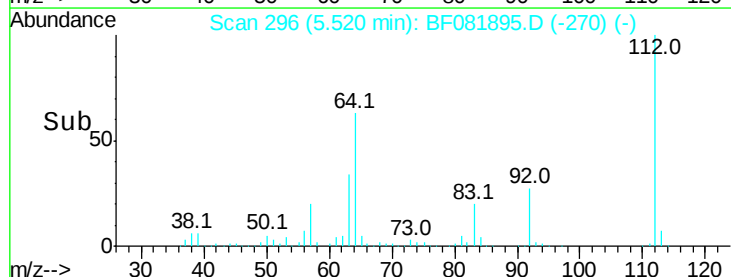
63 34.4 17.4 26.0#



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: 107.01 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081895.D

Acq: 30 Sep 2015 3:55

Instrument :

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ClientSampleId :

PB85832BL

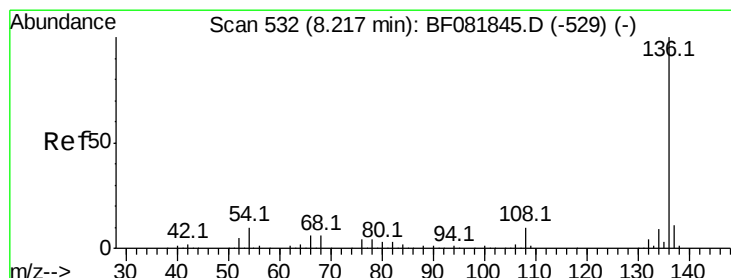
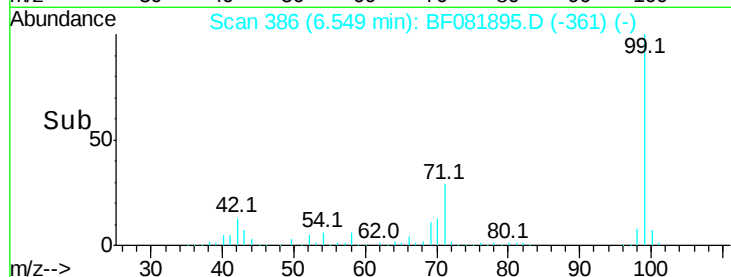
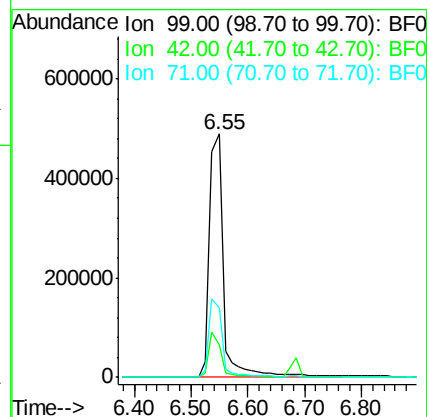
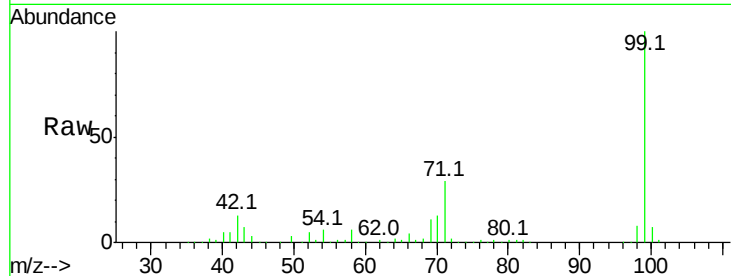
Tot Ion: 99 Resp: 812354

Ion Ratio Lower Upper

99 100

42 13.4 13.7 20.5#

71 28.7 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081895.D

Acq: 30 Sep 2015 3:55

Tgt Ion: 136 Resp: 369022

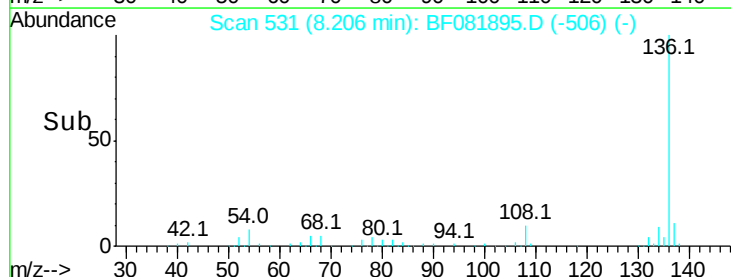
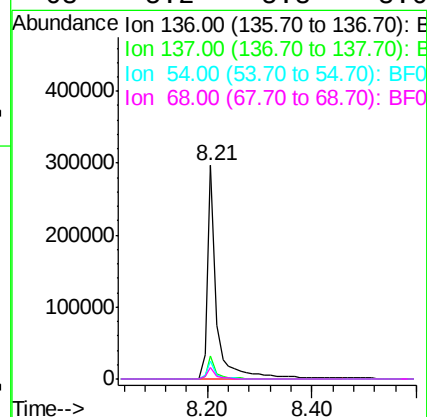
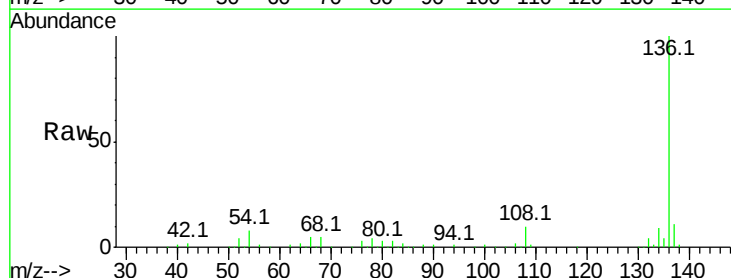
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 8.3 8.2 12.2

68 5.2 5.8 8.6#

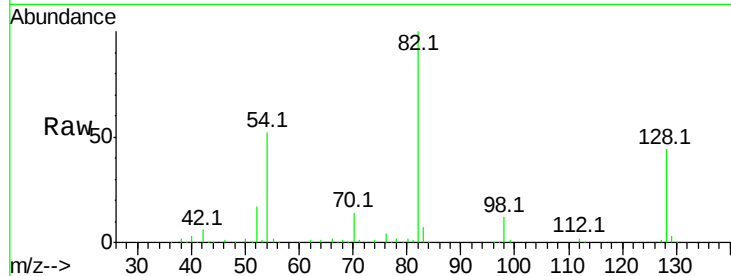




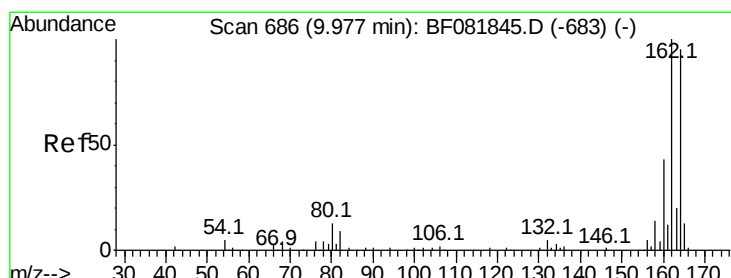
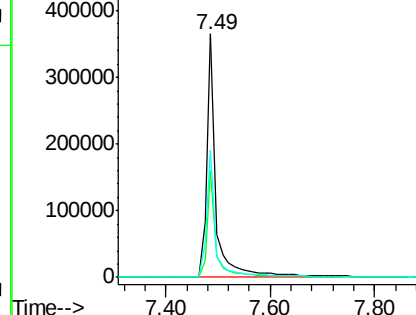
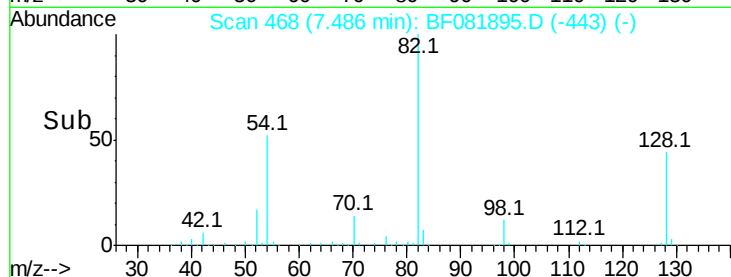
#23
 Nitrobenzene-d5
 Concen: 82.85 ng
 RT: 7.49 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081895.D
 Acq: 30 Sep 2015 3:55

Instrument :
 BNA_F
 ClientSampleID :
 PB85832BL

Tot Ion: 82 Resp: 458639
 Ion Ratio Lower Upper
 82 100
 128 43.6 51.0 76.6#
 54 52.3 47.5 71.3

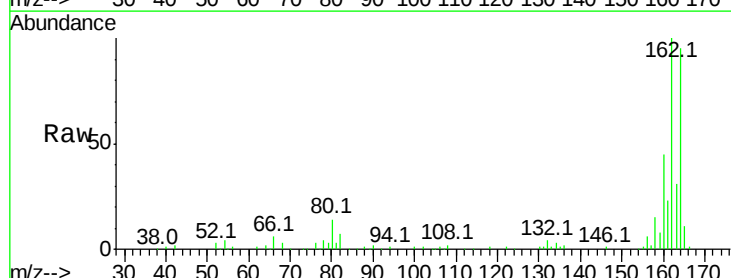


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

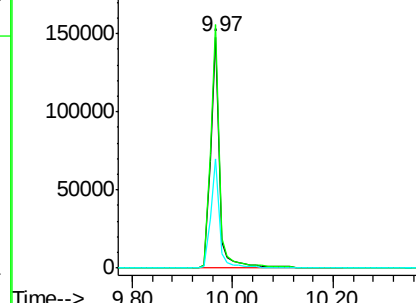
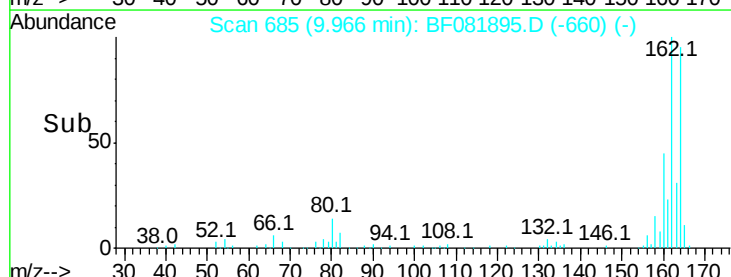


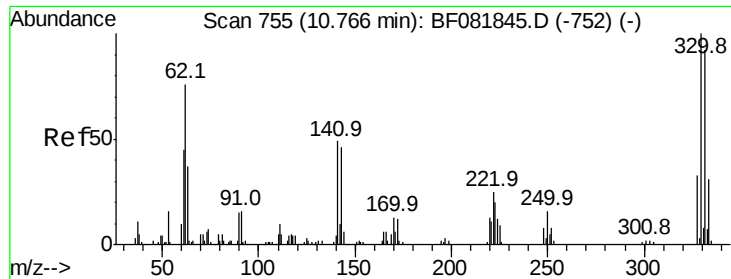
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF081895.D
 Acq: 30 Sep 2015 3:55

Tgt Ion:164 Resp: 182711
 Ion Ratio Lower Upper
 164 100
 162 105.2 75.2 112.8
 160 47.3 31.5 47.3#



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

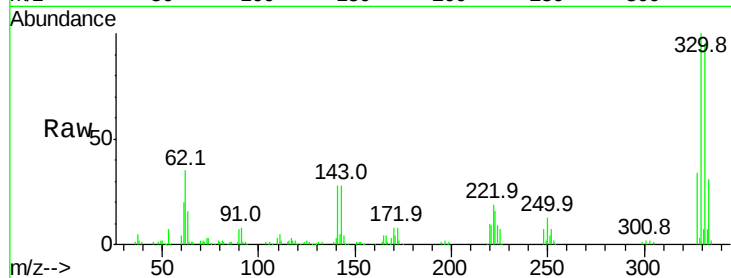




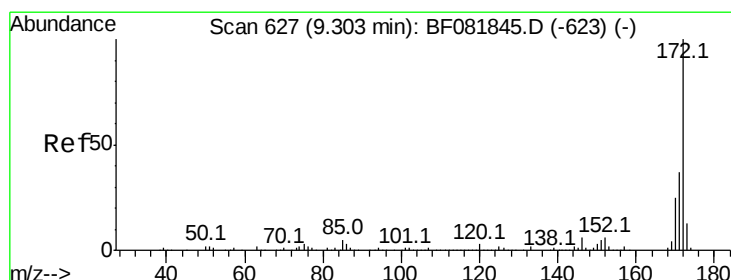
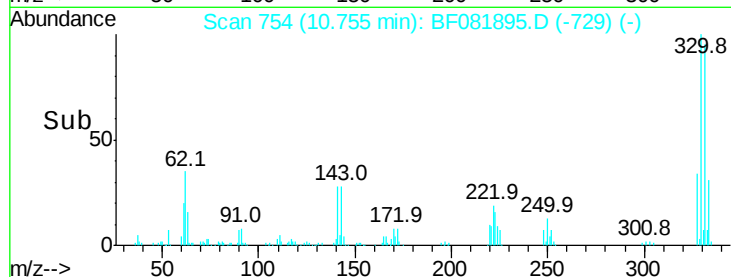
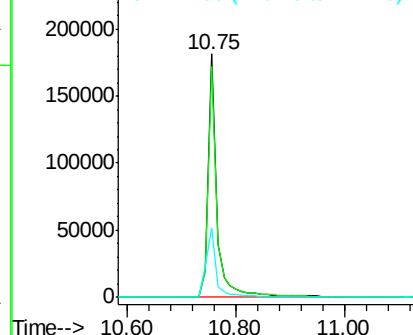
#41
 2,4,6-Tribromophenol
 Concen: 109.77 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF081895.D
 Acq: 30 Sep 2015 3:55

Instrument :
 BNA_F
 ClientSampleID :
 PB85832BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	33.8	29.7	44.5

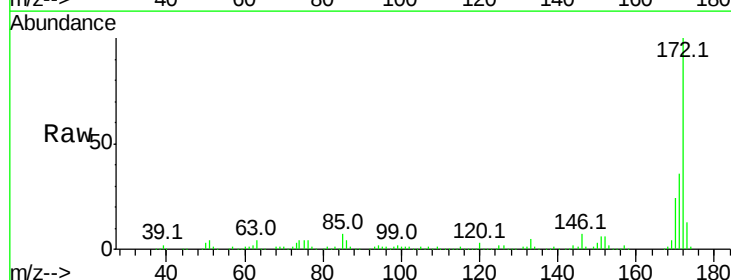


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

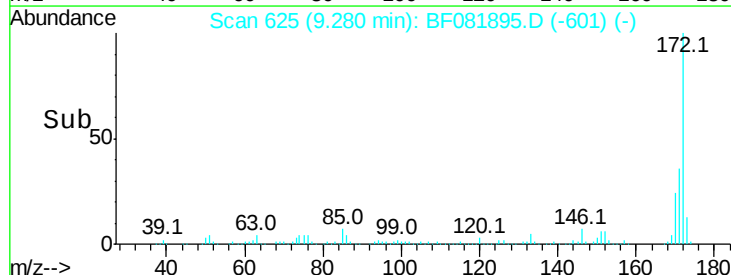
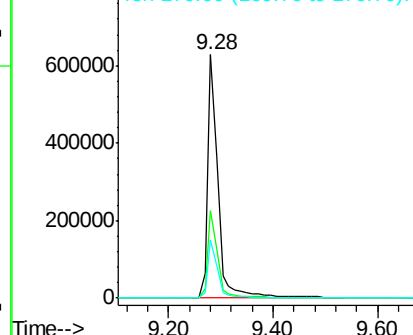


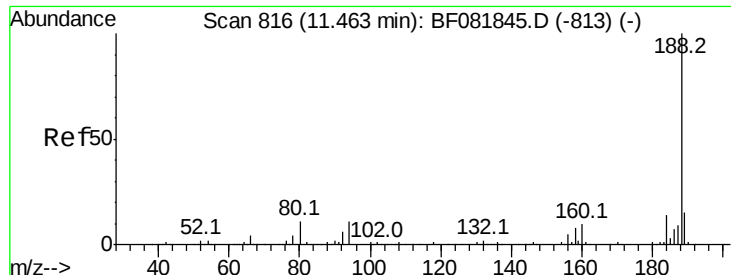
#44
 2-Fluorobiphenyl
 Concen: 78.94 ng
 RT: 9.28 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081895.D
 Acq: 30 Sep 2015 3:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	26.1	39.1
170	24.1	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

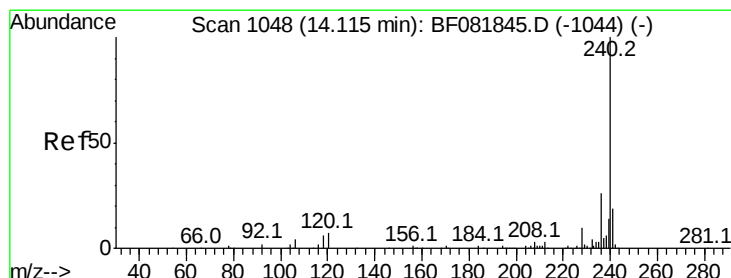
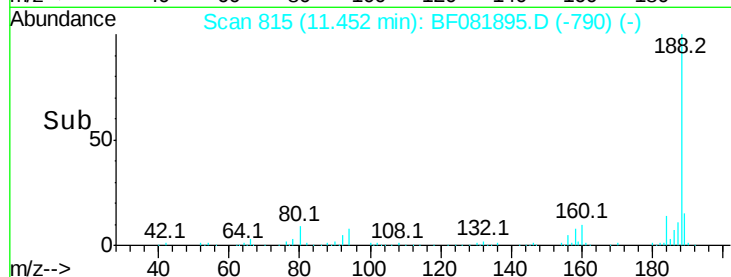
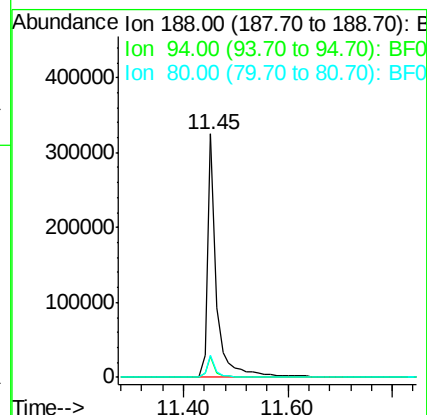
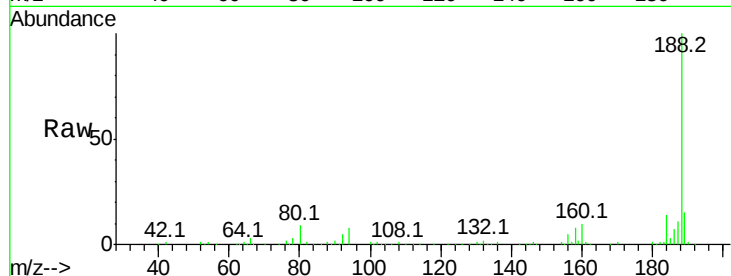




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF081895.D
Acq: 30 Sep 2015 3:55

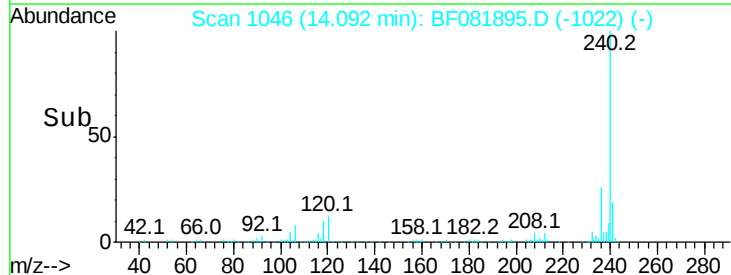
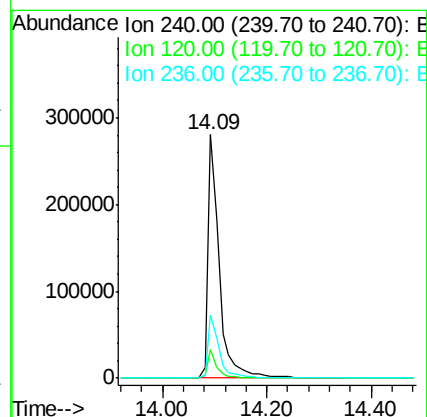
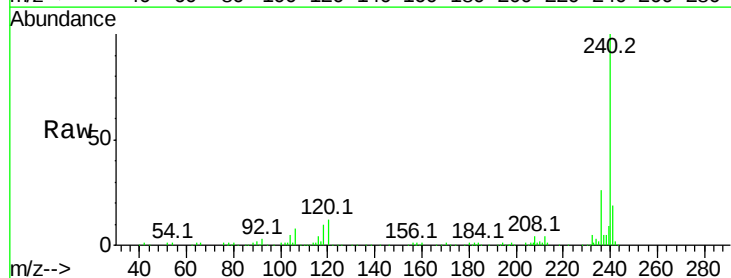
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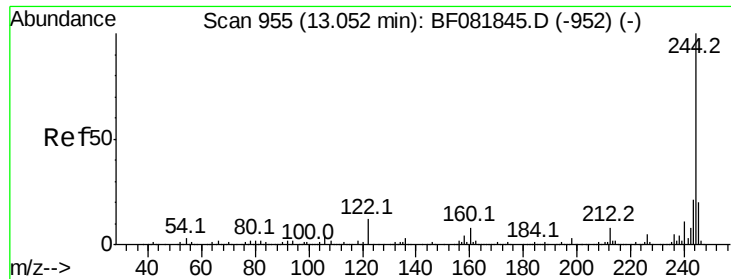
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	11.1	16.7#
80	9.0	11.0	16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF081895.D
Acq: 30 Sep 2015 3:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	16.2	24.2#
236	26.0	18.4	27.6

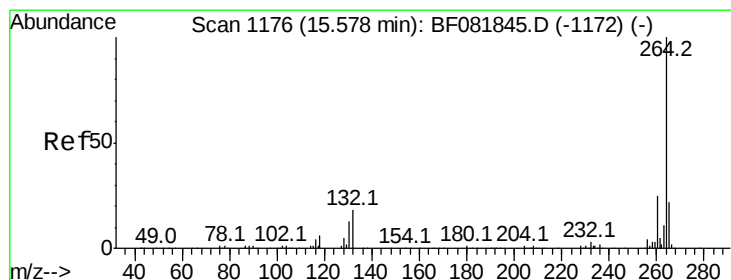
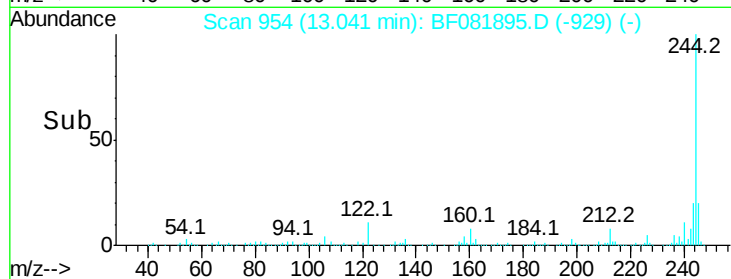
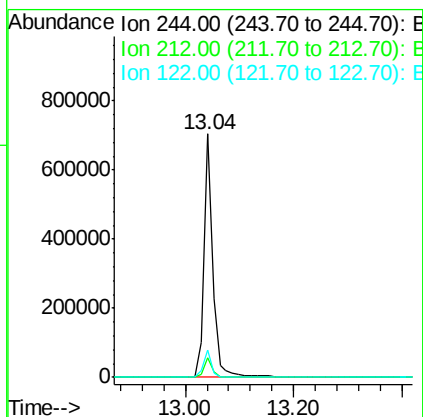
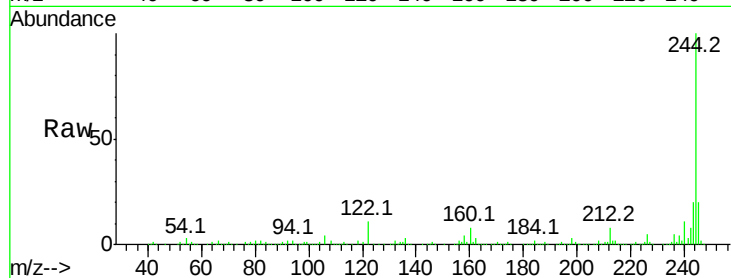




#78
 Terphenyl-d14
 Concen: 54.55 ng
 RT: 13.04 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF081895.D
 Acq: 30 Sep 2015 3:55

Instrument :
 BNA_F
 ClientSampleId :
 PB85832BL

Tot Ion:244 Resp: 786493
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.3 6.5#
 122 11.1 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF081895.D
 Acq: 30 Sep 2015 3:55

Tgt Ion:264 Resp: 279483
 Ion Ratio Lower Upper
 264 100
 260 23.6 16.7 25.1
 265 20.9 17.2 25.8

