

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
 Data File : BF081887.D
 Acq On : 29 Sep 2015 19:01
 Operator : UM/IZ
 Sample : PB85676BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85676BL

Quant Time: Sep 30 02:15:56 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	75521	20.00	ng	-0.01
21) Naphthalene-d8	8.21	136	318143	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	137734	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	331326	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	394932	20.00	ng	-0.02
86) Perylene-d12	15.57	264	334187	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	481571	115.76	ng	0.00
7) Phenol-d6	6.55	99	699483	133.62	ng	-0.01
23) Nitrobenzene-d5	7.49	82	436249	91.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	217336	155.81	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	871476	112.99	ng	-0.01
78) Terphenyl-d14	13.04	244	1129287	95.63	ng	-0.01

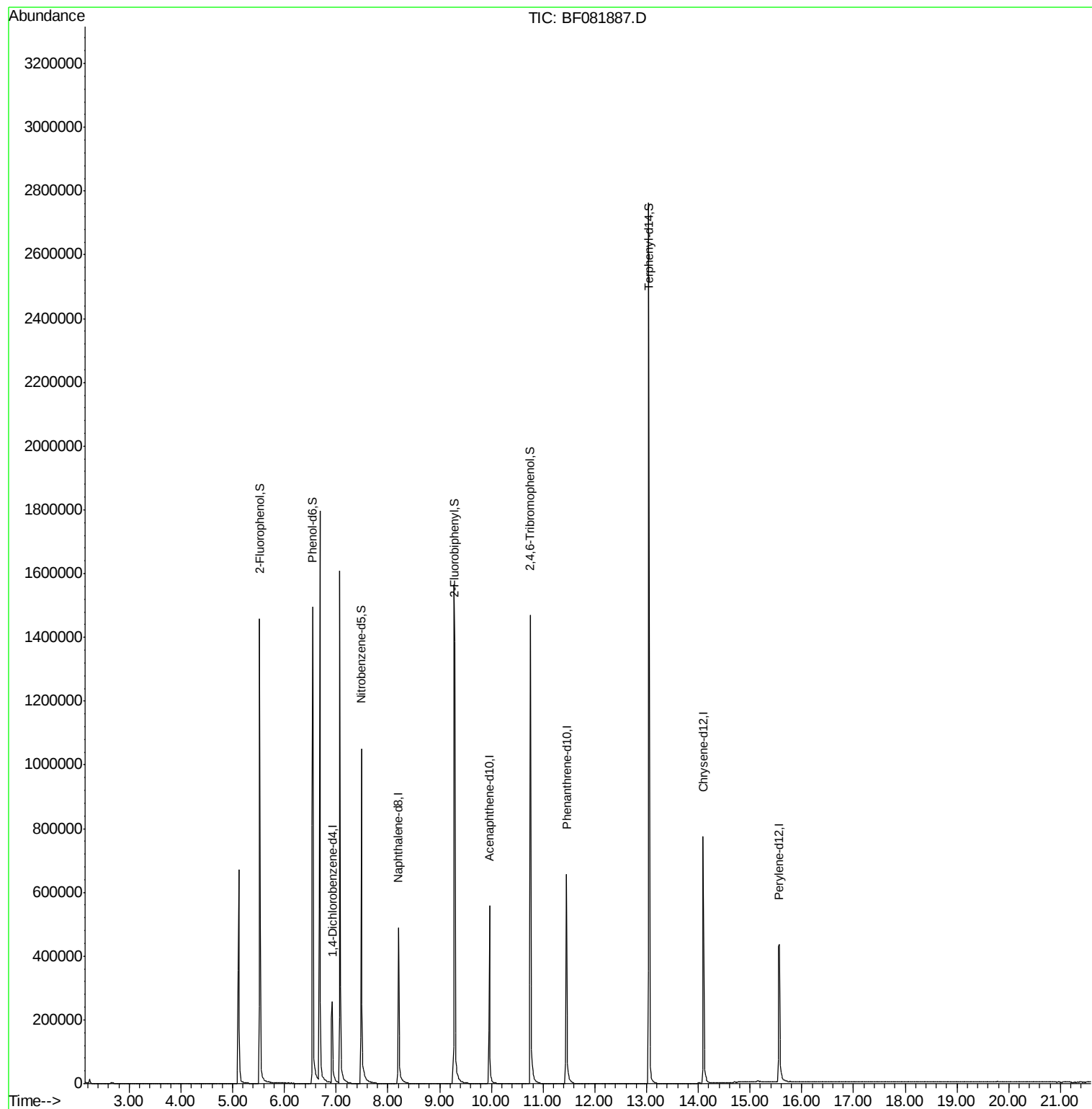
Target Compounds	Qvalue
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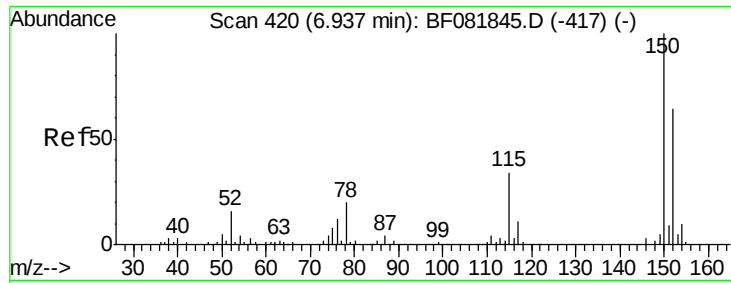
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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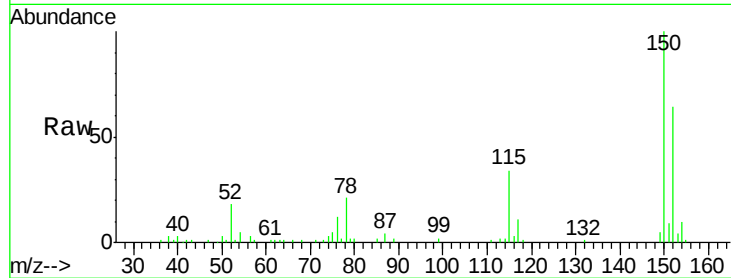


#1

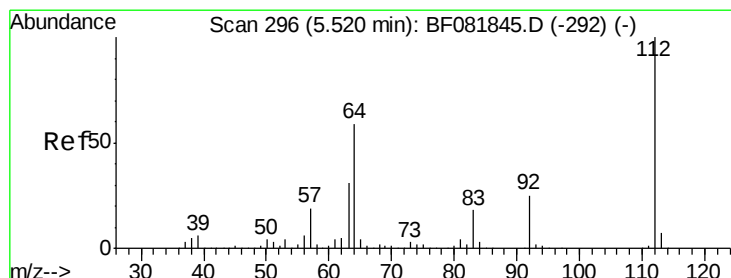
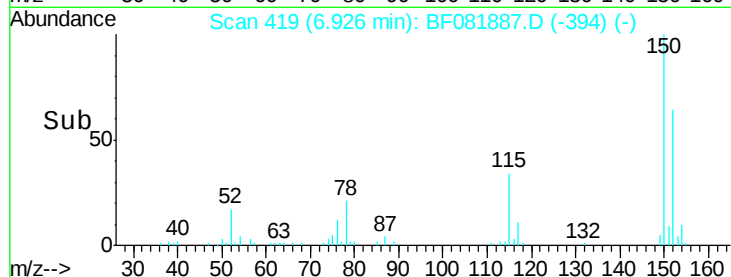
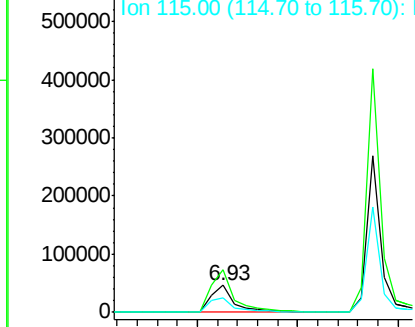
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF081887.D
Acq: 29 Sep 2015 19:01

Instrument :
BNA_F
ClientSampleId :
PB85676BL

Tgt Ion:152 Resp: 75521
Ion Ratio Lower Upper
152 100
150 155.3 124.7 187.1
115 53.4 39.0 58.4



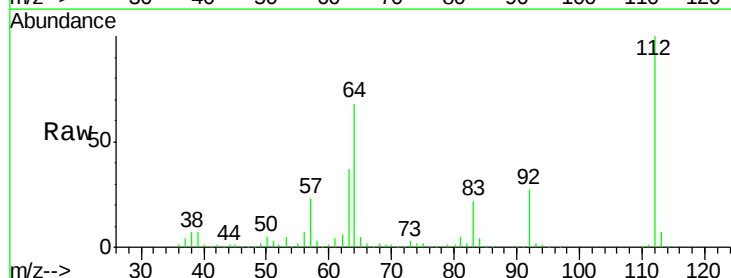
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



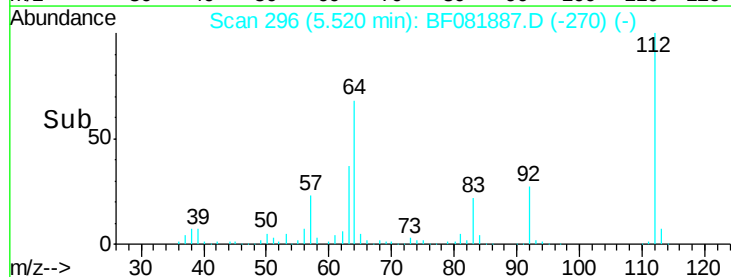
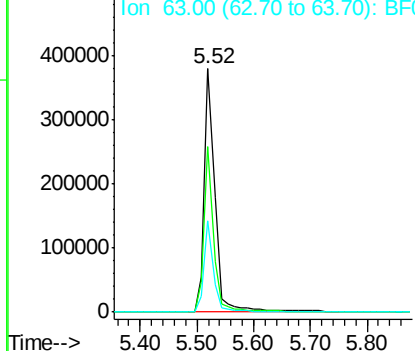
#5

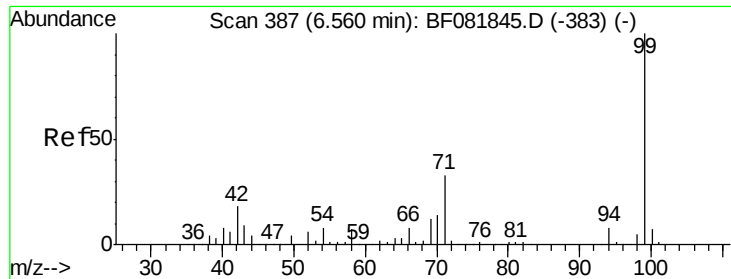
2-Fluorophenol
Concen: 115.76 ng
RT: 5.52 min Scan# 296
Delta R.T. 0.00 min
Lab File: BF081887.D
Acq: 29 Sep 2015 19:01

Tgt Ion:112 Resp: 481571
Ion Ratio Lower Upper
112 100
64 68.2 39.7 59.5#
63 37.3 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: 133.62 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081887.D

Acq: 29 Sep 2015 19:01

Instrument :

BNA_F

ClientSampleId :

PB85676BL

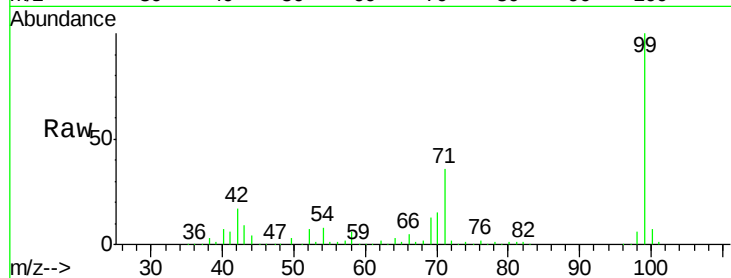
Tgt Ion: 99 Resp: 699483

Ion Ratio Lower Upper

99 100

42 17.5 13.7 20.5

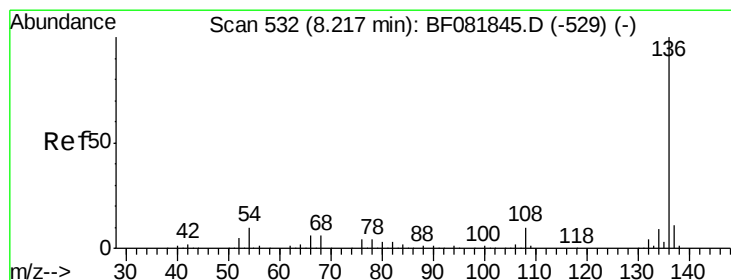
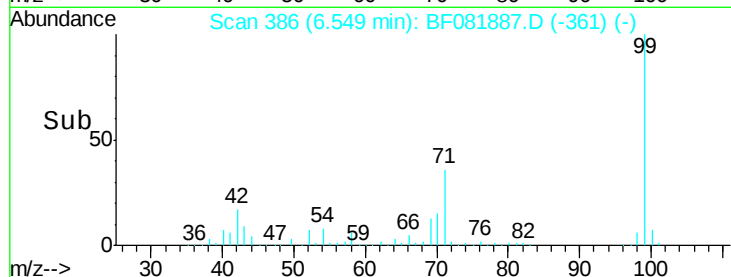
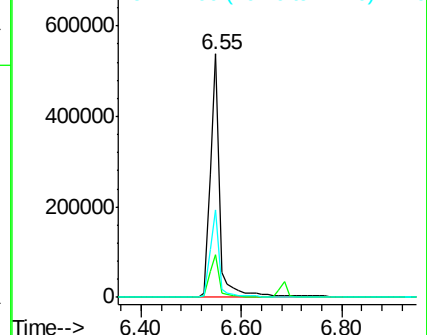
71 36.0 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081887.D

Acq: 29 Sep 2015 19:01

Tgt Ion: 136 Resp: 318143

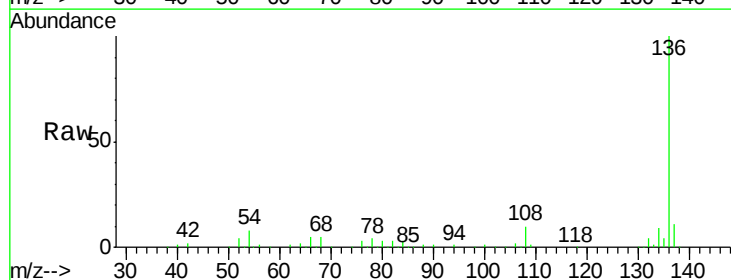
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 8.1 8.2 12.2#

68 4.8 5.8 8.6#

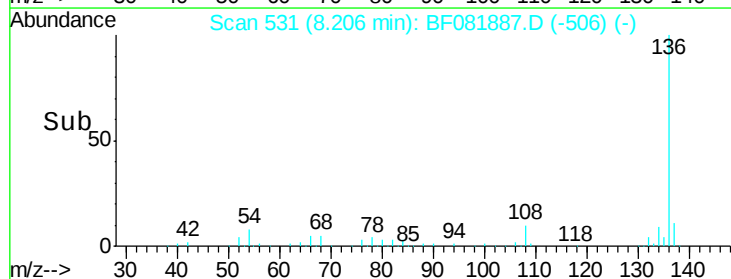
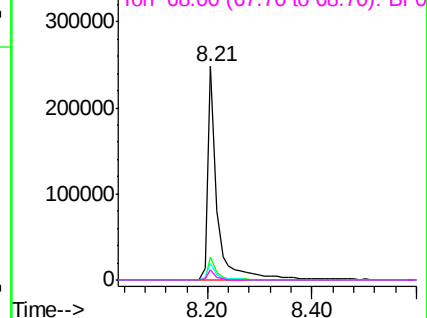


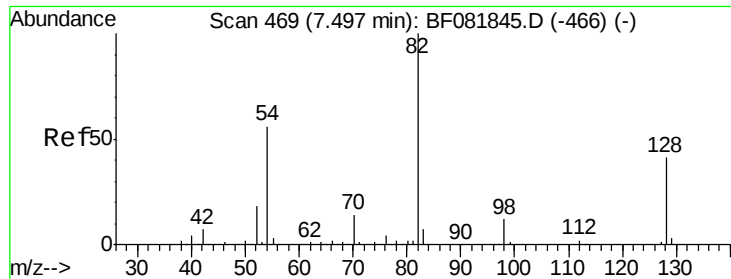
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

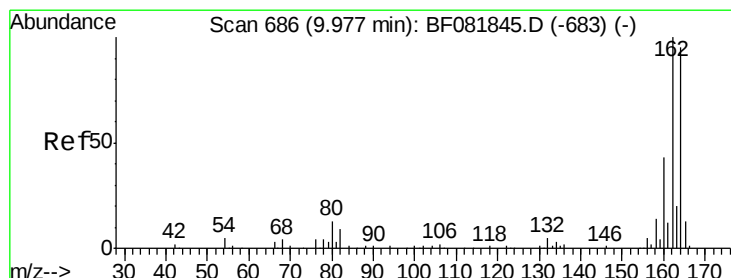
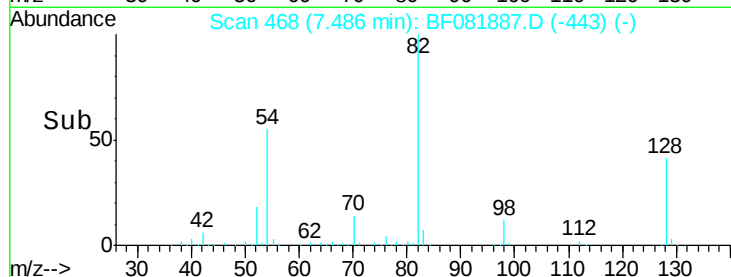
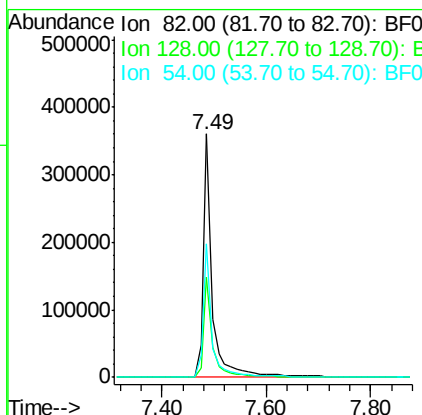
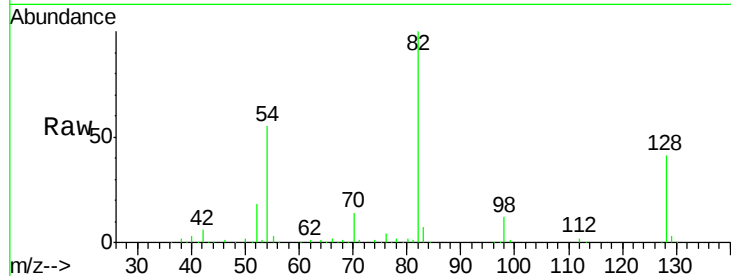




#23
 Nitrobenzene-d5
 Concen: 91.41 ng
 RT: 7.49 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081887.D
 Acq: 29 Sep 2015 19:01

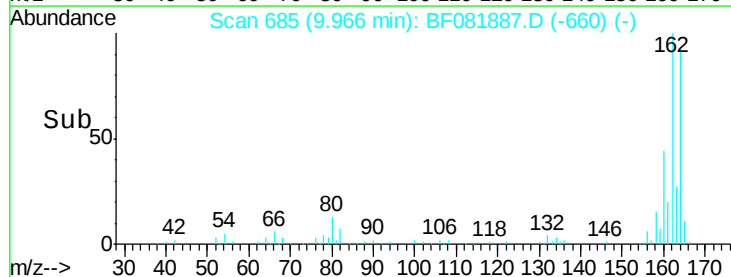
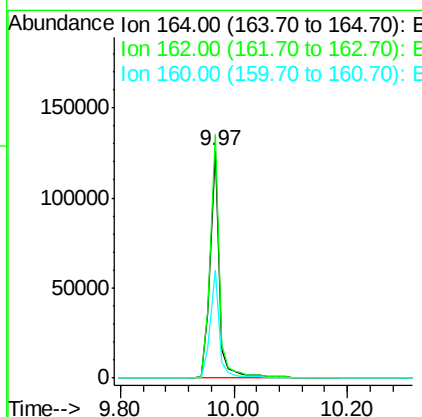
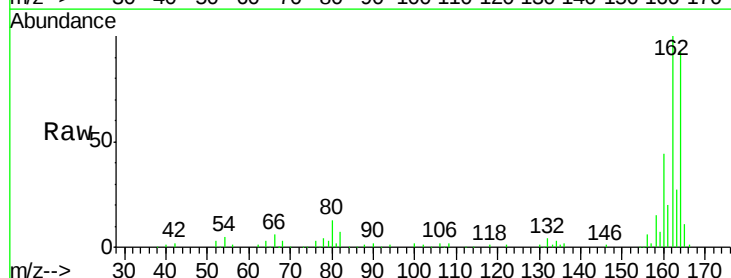
Instrument :
 BNA_F
 ClientSampleId :
 PB85676BL

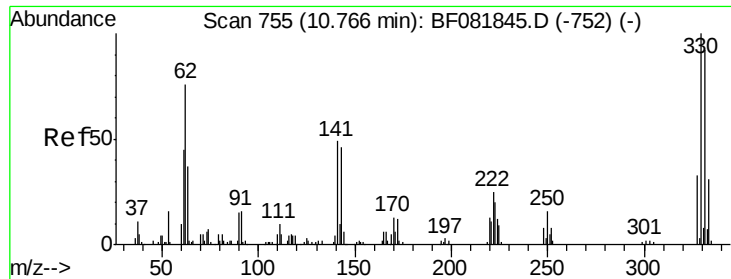
Tgt Ion: 82 Resp: 436249
 Ion Ratio Lower Upper
 82 100
 128 41.1 51.0 76.6#
 54 55.0 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF081887.D
 Acq: 29 Sep 2015 19:01

Tgt Ion: 164 Resp: 137734
 Ion Ratio Lower Upper
 164 100
 162 107.0 75.2 112.8
 160 47.3 31.5 47.3#

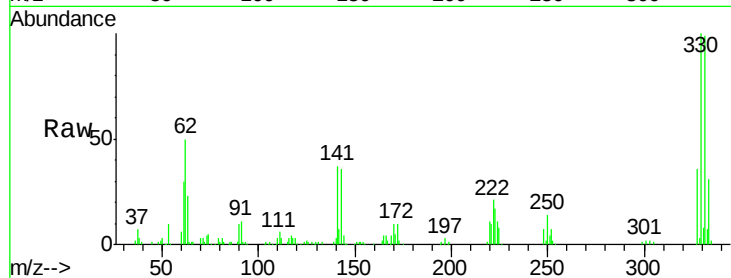




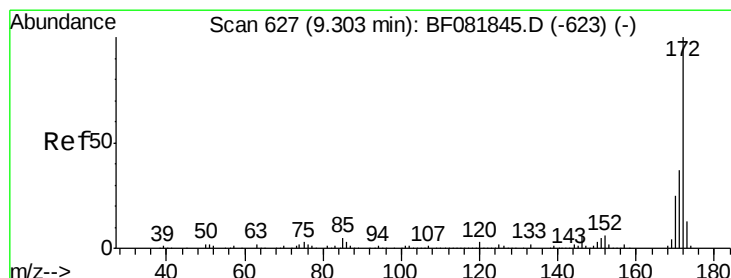
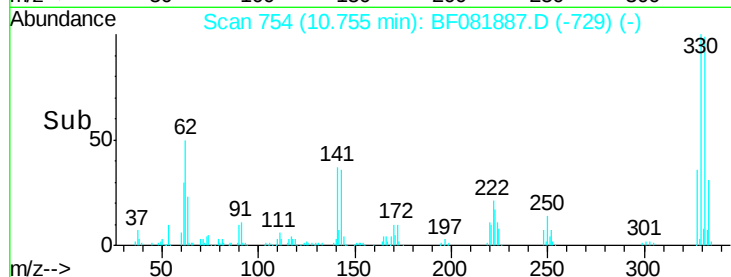
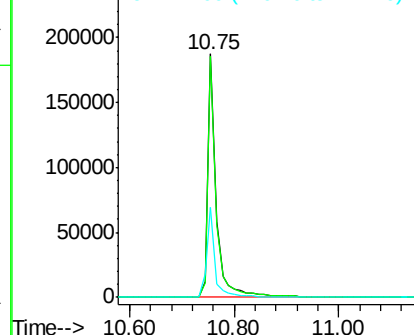
#41
 2,4,6-Tribromophenol
 Concen: 155.81 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF081887.D
 Acq: 29 Sep 2015 19:01

Instrument :
 BNA_F
 ClientSampleId :
 PB85676BL

Tgt Ion: 330 Resp: 217336
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 36.6 29.7 44.5

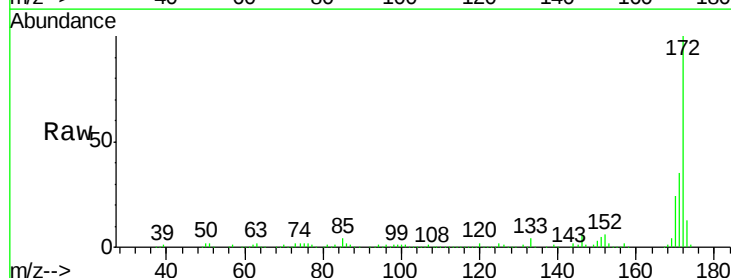


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

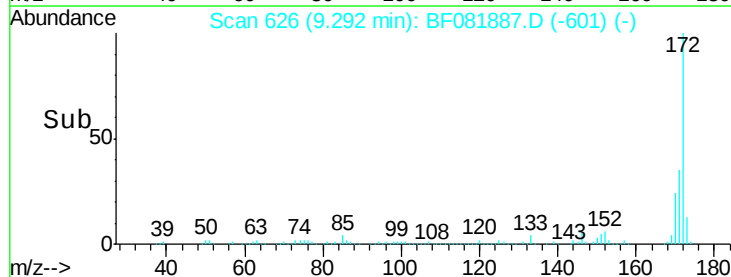
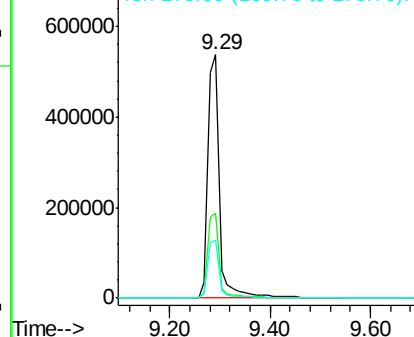


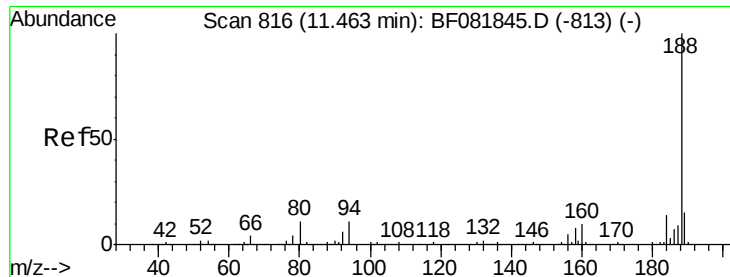
#44
 2-Fluorobiphenyl
 Concen: 112.99 ng
 RT: 9.29 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081887.D
 Acq: 29 Sep 2015 19:01

Tgt Ion: 172 Resp: 871476
 Ion Ratio Lower Upper
 172 100
 171 34.9 26.1 39.1
 170 23.9 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

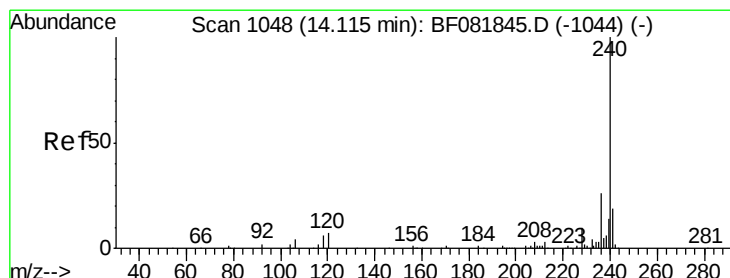
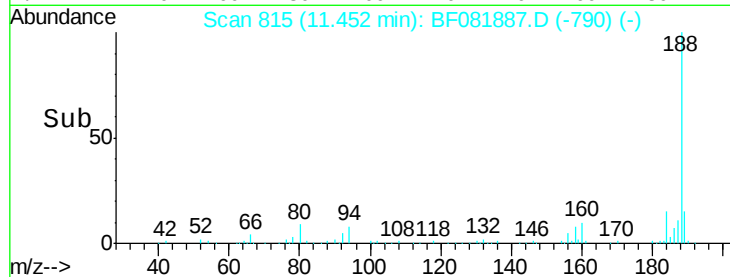
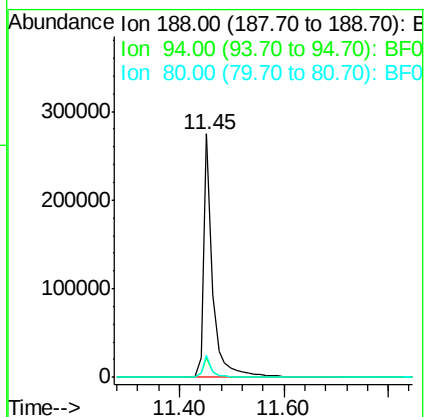
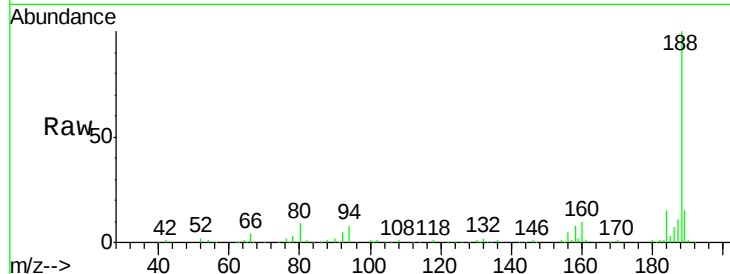




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF081887.D
Acq: 29 Sep 2015 19:01

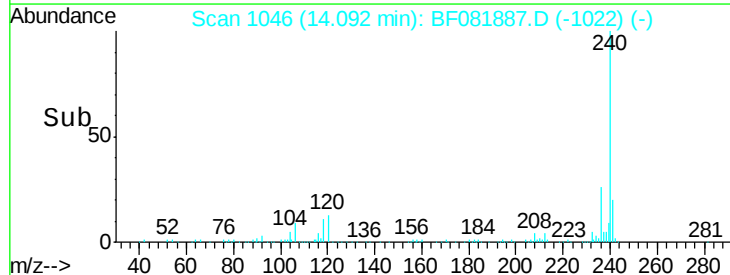
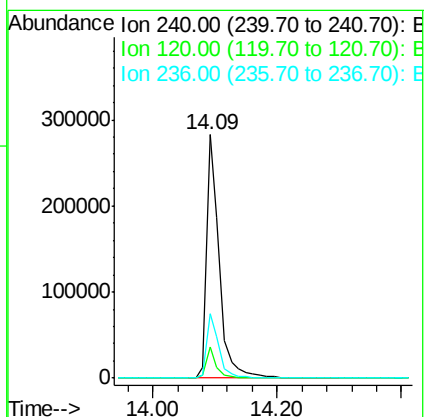
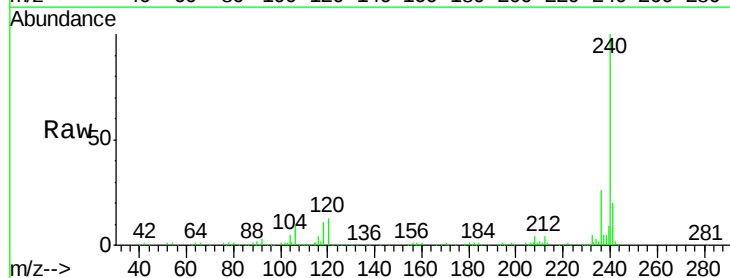
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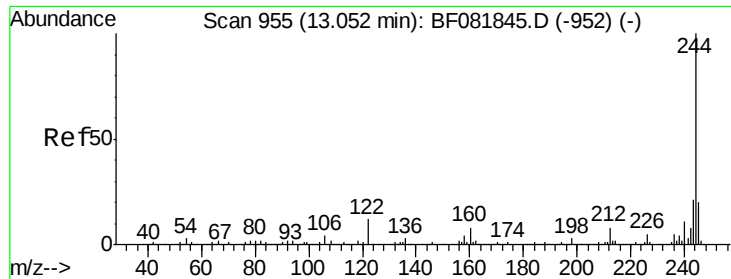
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	11.1	16.7#
80	9.0	11.0	16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF081887.D
Acq: 29 Sep 2015 19:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	16.2	24.2#
236	26.4	18.4	27.6

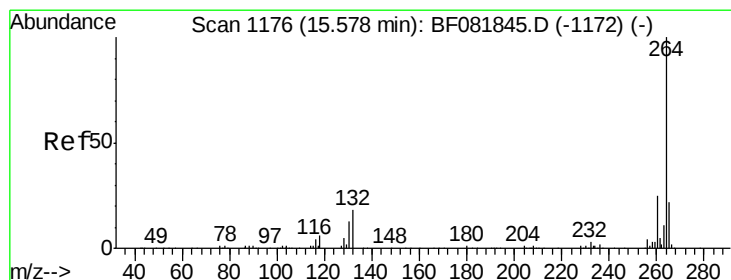
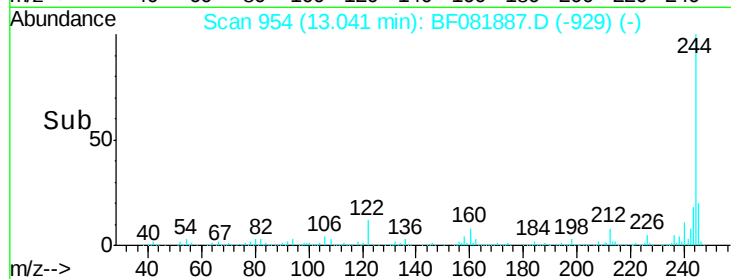
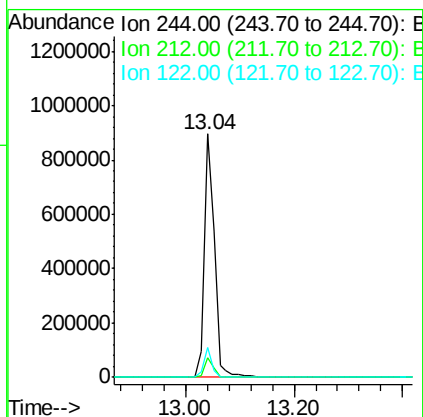
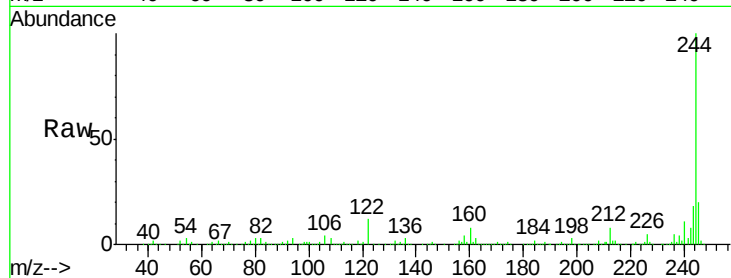




#78
 Terphenyl-d14
 Concen: 95.63 ng
 RT: 13.04 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF081887.D
 Acq: 29 Sep 2015 19:01

Instrument :
 BNA_F
 ClientSampleId :
 PB85676BL

Tgt Ion:244 Resp: 1129287
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.3 6.5#
 122 12.3 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: BF081887.D
 Acq: 29 Sep 2015 19:01

Tgt Ion:264 Resp: 334187
 Ion Ratio Lower Upper
 264 100
 260 23.7 16.7 25.1
 265 21.7 17.2 25.8

