

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
 Data File : BF079263.D
 Acq On : 15 May 2015 9:01
 Operator : TP/IZ
 Sample : G2232-01 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9798

Quant Time: May 15 13:55:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 01:57:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	47808	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	184671	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	100132	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	201901	20.00	ng	-0.01
75) Chrysene-d12	16.11	240	213079	20.00	ng	-0.39
86) Perylene-d12	17.95	264	230900m	20.00	ng	-0.93
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	8722m	3.14	ng	0.00
7) Phenol-d6	6.78	99	11737	3.20	ng	-0.01
23) Nitrobenzene-d5	7.92	82	39831	12.40	ng	0.00
41) 2,4,6-Tribromophenol	11.94	330	2686	2.48	ng	-0.01
44) 2-Fluorobiphenyl	10.14	172	14651	2.04	ng	-0.01
78) Terphenyl-d14	14.80	244	18118m	2.04	ng	-0.13

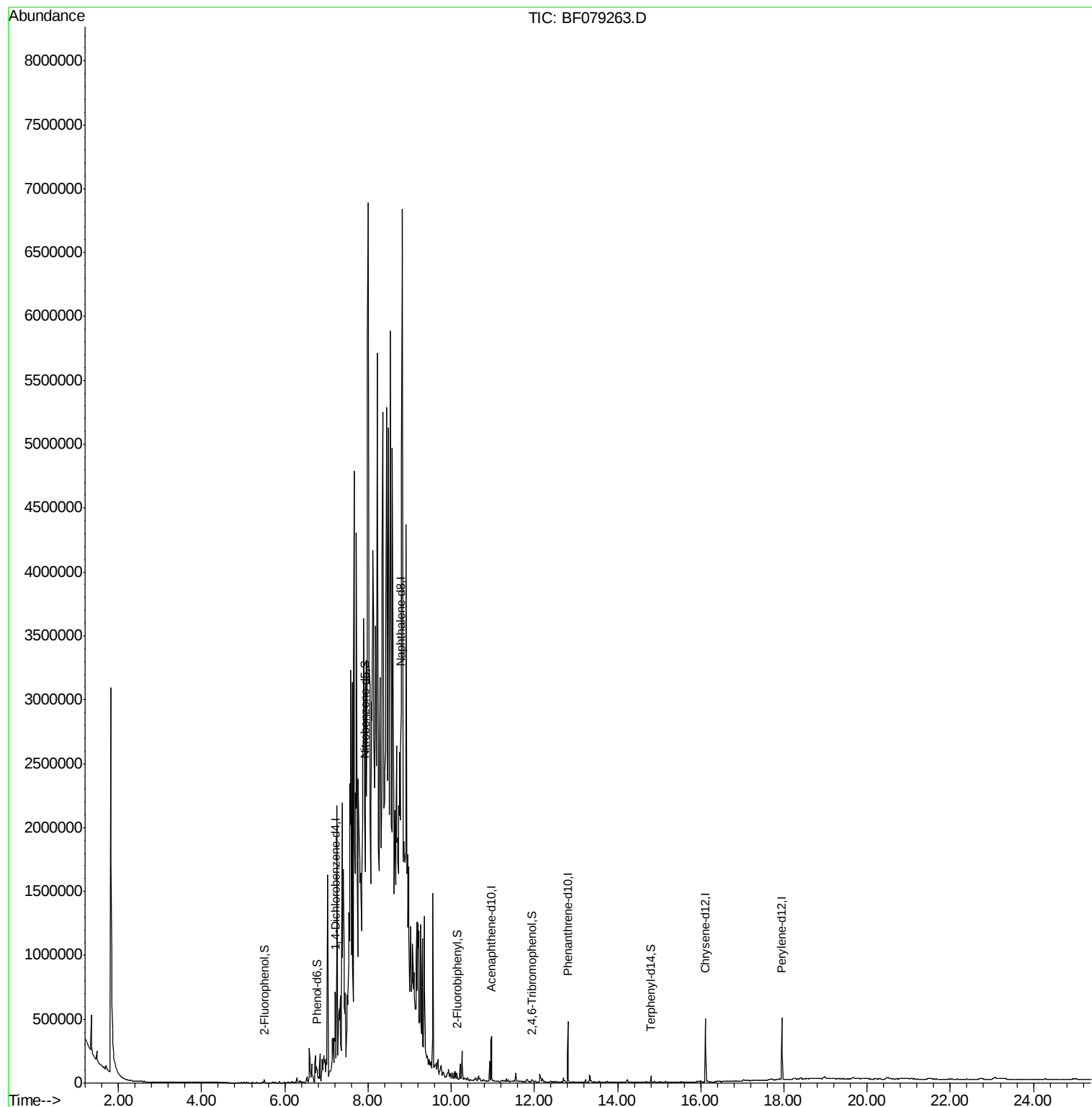
Target Compounds Qvalue

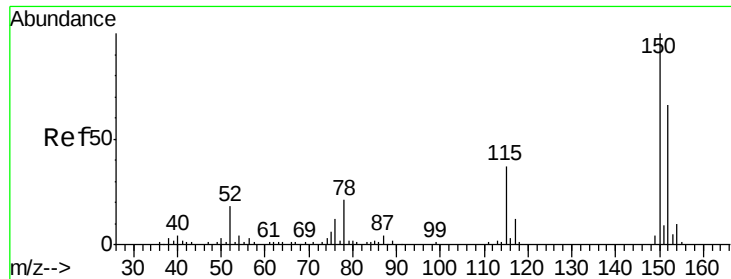
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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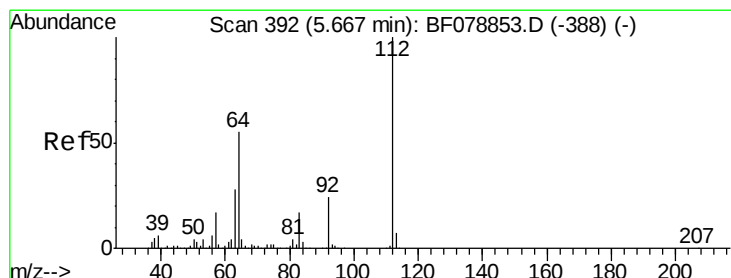
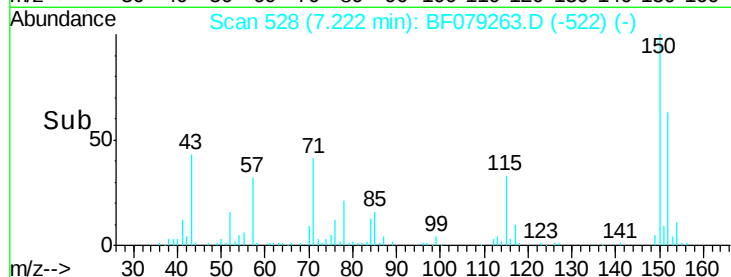
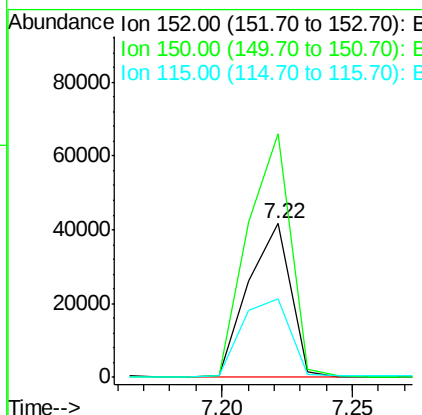
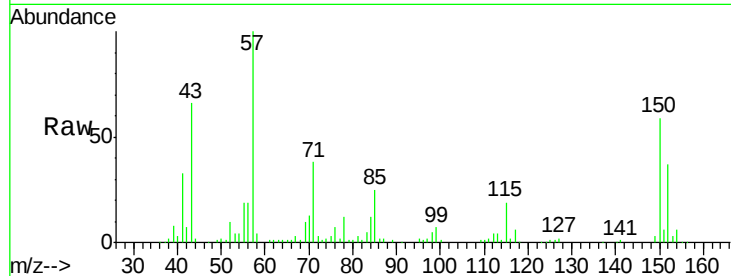




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.22 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BF079263.D
 Acq: 15 May 2015 9:01

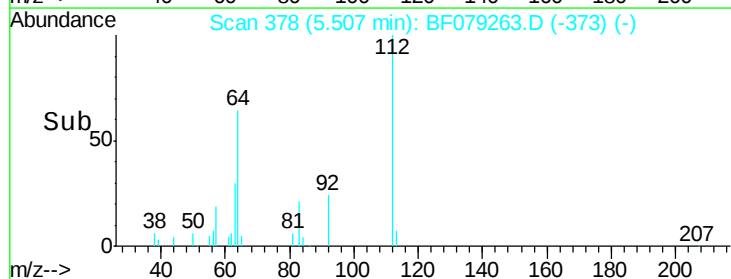
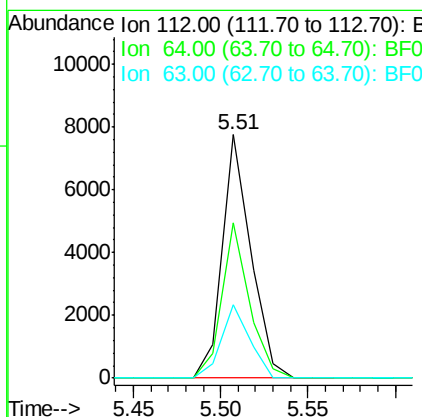
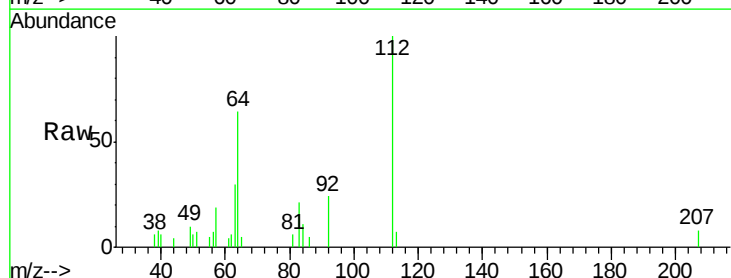
Instrument :
 BNA_F
 ClientSampled :
 LAR9798

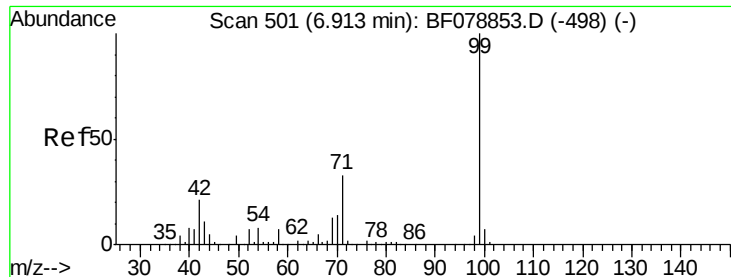
Tot Ion:152 Resp: 47808
 Ion Ratio Lower Upper
 152 100
 150 158.6 123.8 185.8
 115 51.5 49.4 74.0



#5
 2-Fluorophenol
 Concen: 3.14 ng m
 RT: 5.51 min Scan# 378
 Delta R.T. -0.00 min
 Lab File: BF079263.D
 Acq: 15 May 2015 9:01

Tgt Ion:112 Resp: 8722
 Ion Ratio Lower Upper
 112 100
 64 63.6 44.2 66.2
 63 30.4 22.7 34.1





#7

Phenol-d6

Concen: 3.20 ng

RT: 6.78 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF079263.D

Acq: 15 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

LAR9798

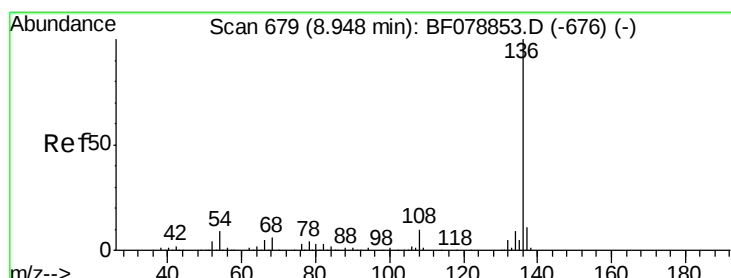
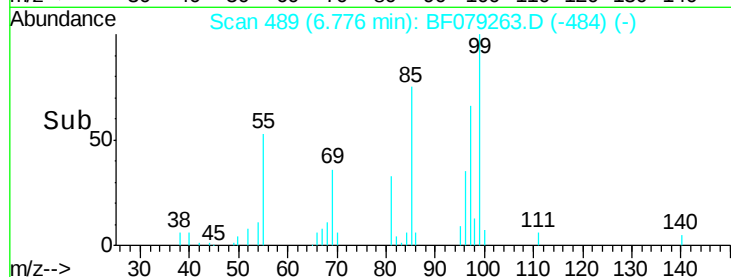
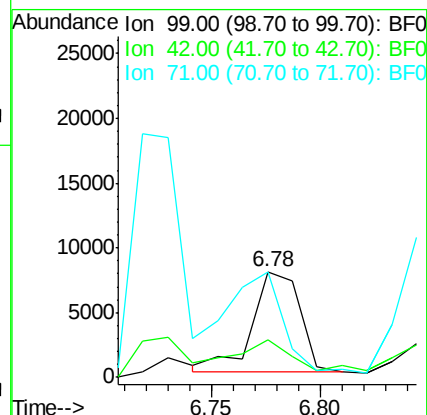
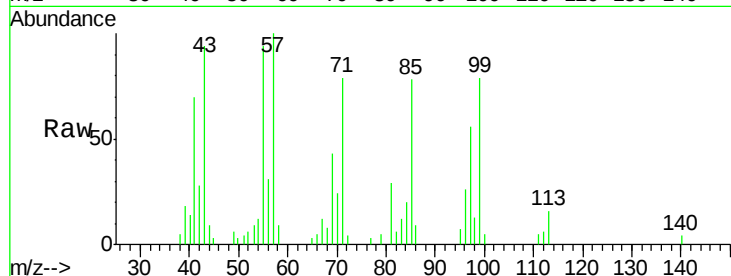
Tot Ion: 99 Resp: 11737

Ion Ratio Lower Upper

99 100

42 35.6 17.1 25.7#

71 99.7 26.3 39.5#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.80 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF079263.D

Acq: 15 May 2015 9:01

Tgt Ion: 136 Resp: 184671

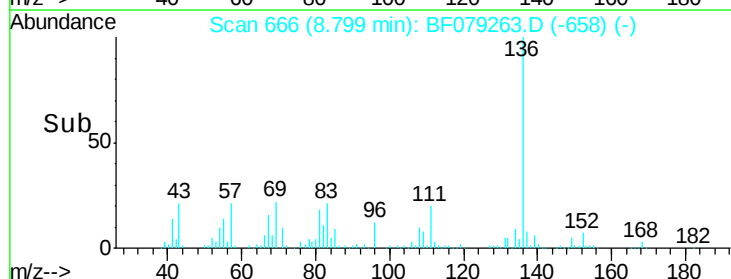
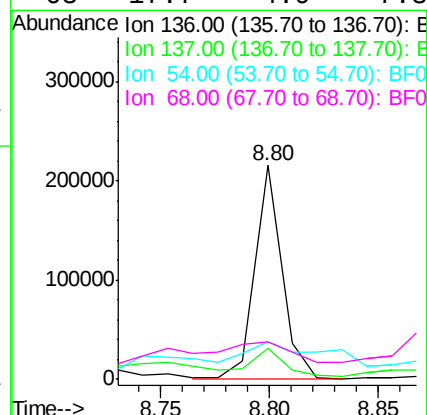
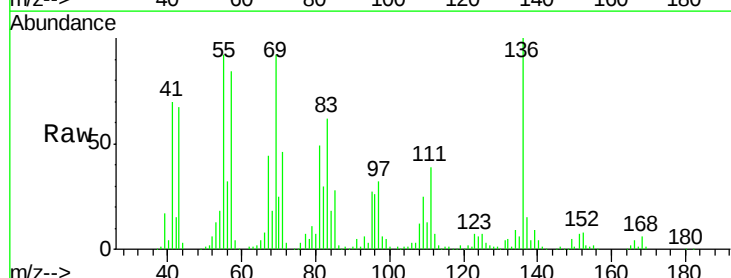
Ion Ratio Lower Upper

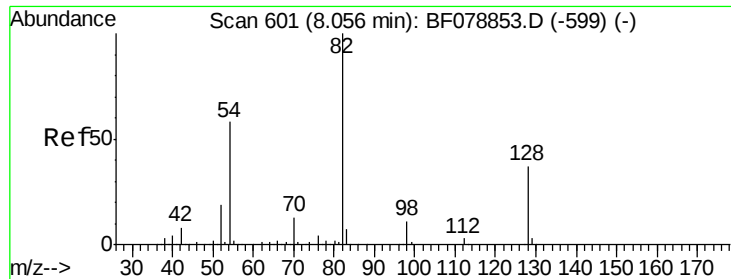
136 100

137 14.5 8.8 13.2#

54 17.5 6.9 10.3#

68 17.7 4.9 7.3#

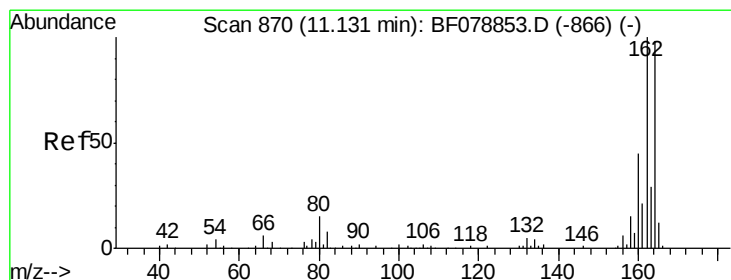
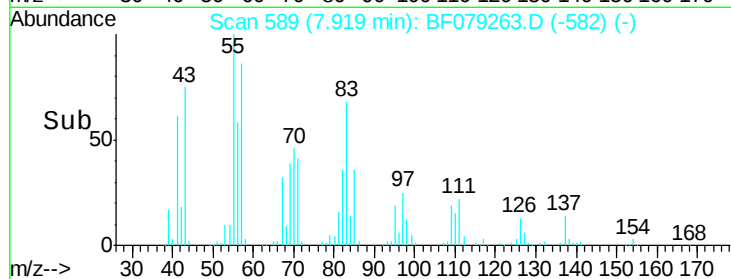
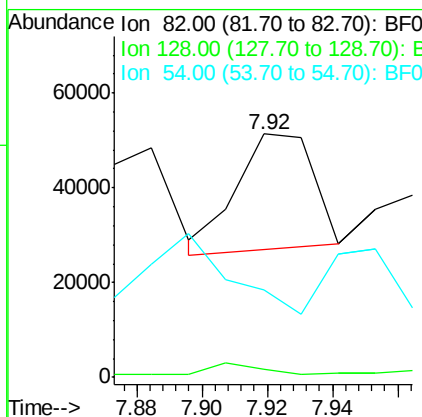
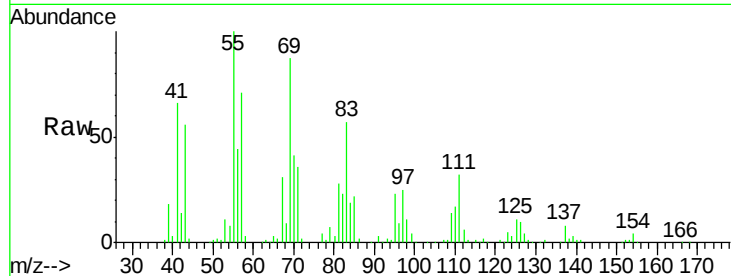




#23
 Nitrobenzene-d5
 Concen: 12.40 ng
 RT: 7.92 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF079263.D
 Acq: 15 May 2015 9:01

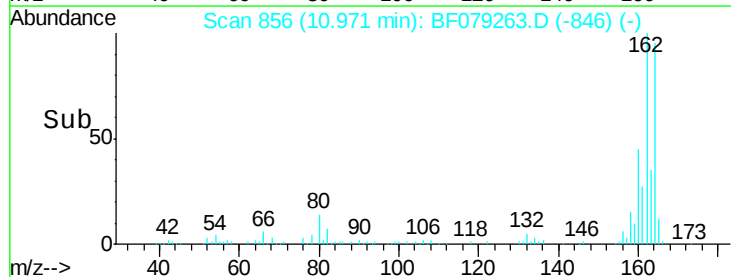
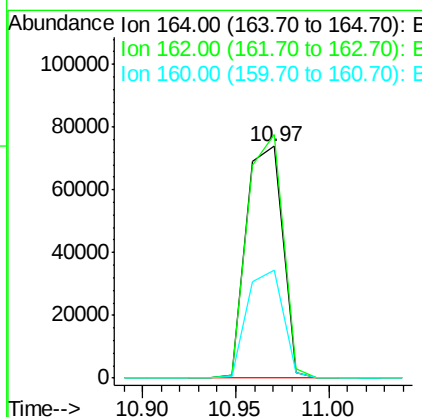
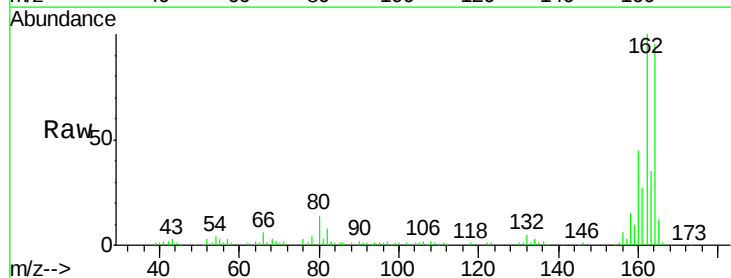
Instrument :
 BNA_F
 ClientSampled :
 LAR9798

Tot Ion	82	Resp	39831
Ion Ratio	Lower	Upper	
82	100		
128	3.5	29.7	44.5#
54	36.0	46.2	69.4#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BF079263.D
 Acq: 15 May 2015 9:01

Tgt Ion	164	Resp	100132
Ion Ratio	Lower	Upper	
164	100		
162	104.9	81.4	122.0
160	46.8	36.6	54.8

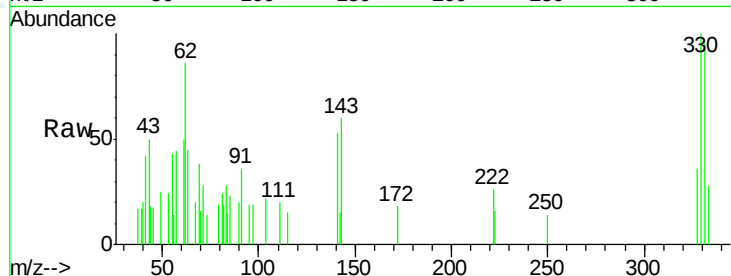




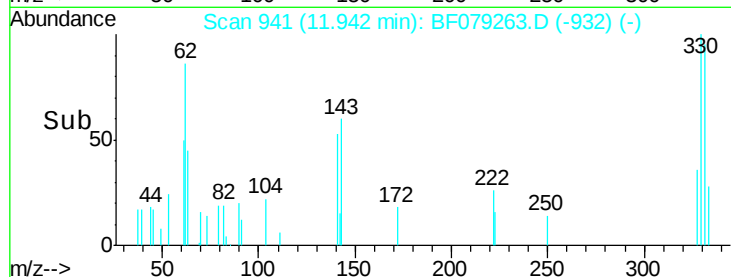
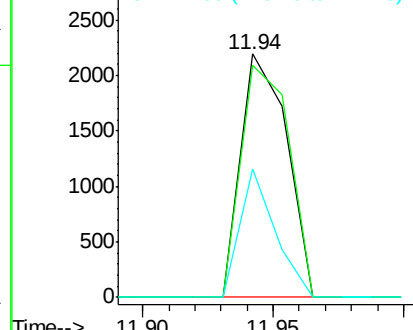
#41
 2,4,6-Tribromophenol
 Concen: 2.48 ng
 RT: 11.94 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF079263.D
 Acq: 15 May 2015 9:01

Instrument :
 BNA_F
 ClientSampled :
 LAR9798

Tot Ion:330 Resp: 2686
 Ion Ratio Lower Upper
 330 100
 332 100.0 76.9 115.3
 141 40.5 27.8 41.8

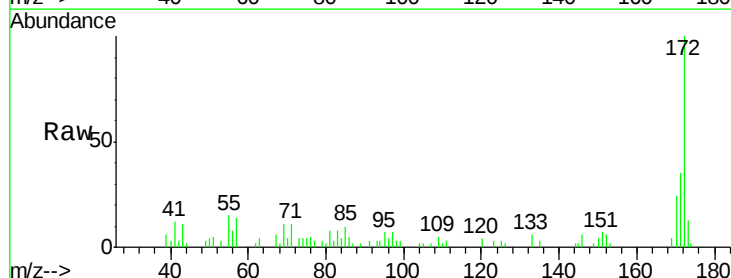


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

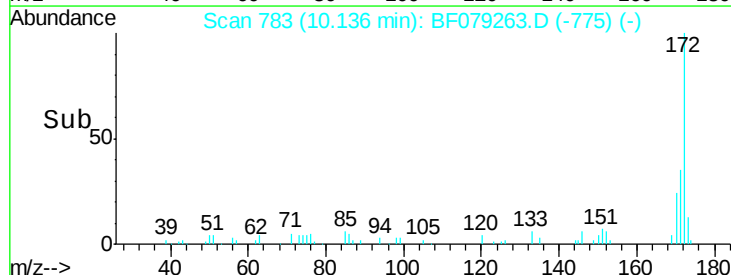
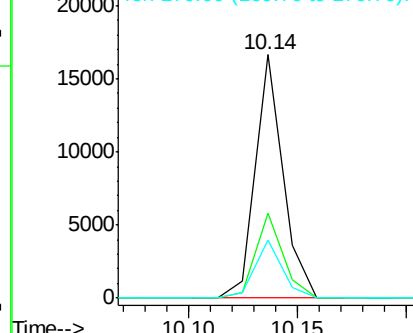


#44
 2-Fluorobiphenyl
 Concen: 2.04 ng
 RT: 10.14 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF079263.D
 Acq: 15 May 2015 9:01

Tgt Ion:172 Resp: 14651
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.3 42.5
 170 23.7 19.4 29.2



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

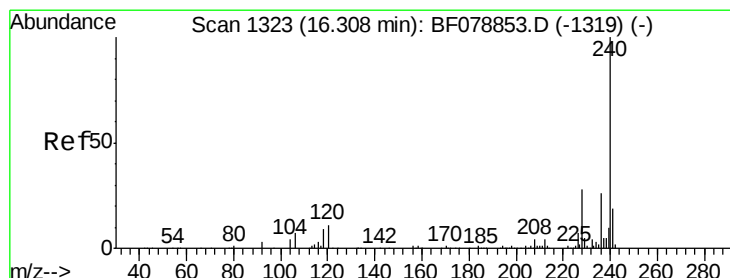
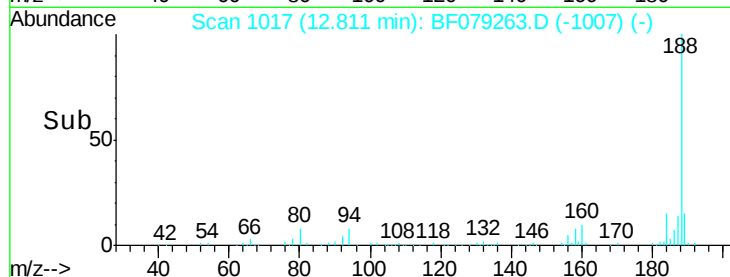
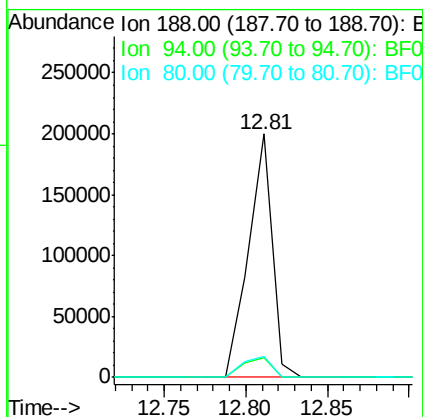
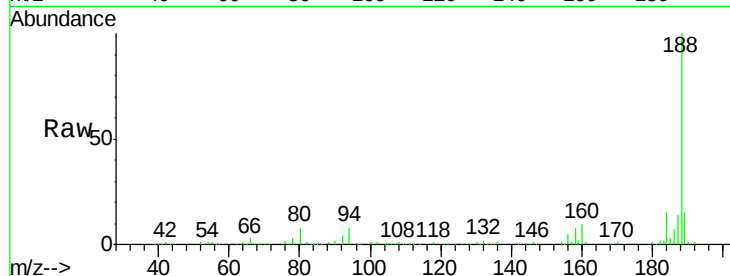




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF079263.D
Acq: 15 May 2015 9:01

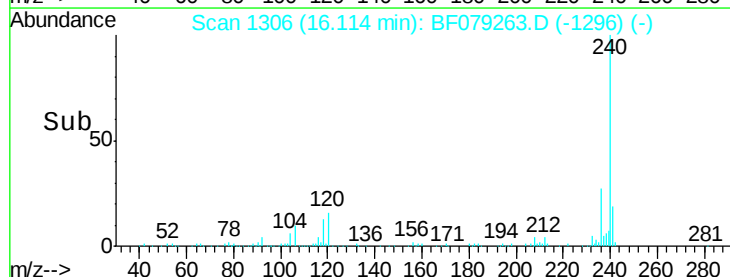
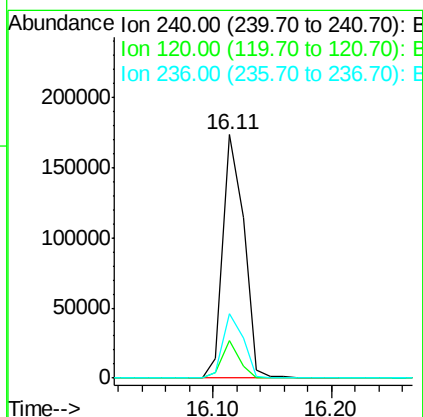
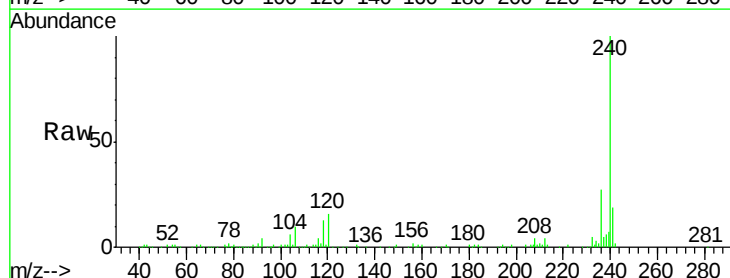
Instrument :
BNA_F
ClientSampled :
LAR9798

Tot Ion:188 Resp: 201901
Ion Ratio Lower Upper
188 100
94 8.3 9.4 14.0#
80 8.4 9.8 14.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.11 min Scan# 1306
Delta R.T. -0.39 min
Lab File: BF079263.D
Acq: 15 May 2015 9:01

Tgt Ion:240 Resp: 213079
Ion Ratio Lower Upper
240 100
120 15.7 8.6 12.8#
236 26.5 21.0 31.6





#78

Terphenyl-d14

Concen: 2.04 ng m

RT: 14.80 min Scan# 1191

Delta R.T. -0.13 min

Lab File: BF079263.D

Acq: 15 May 2015 9:01

Instrument :

BNA_F

ClientSampleId :

LAR9798

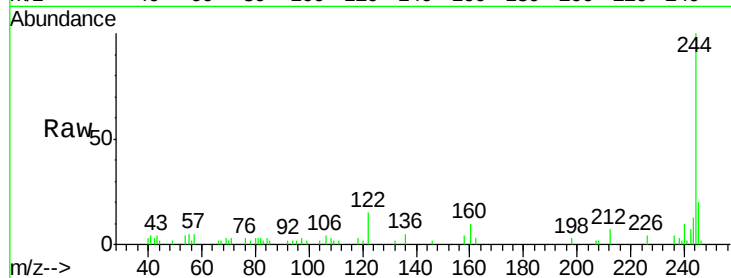
Tot Ion:244 Resp: 18118

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

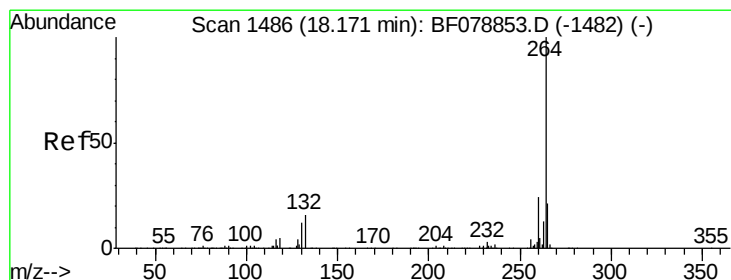
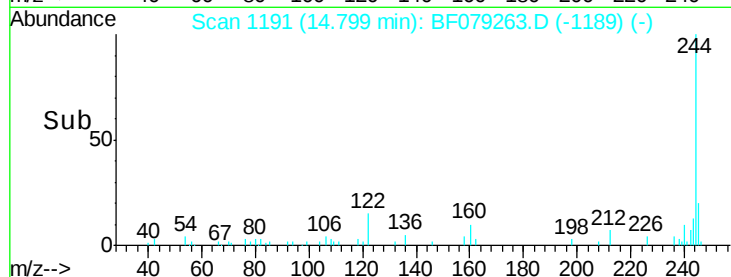
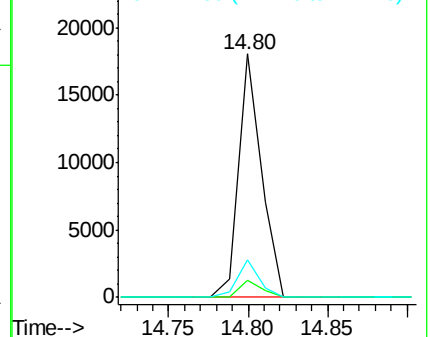
122 15.3 10.5 15.7



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 m

RT: 17.95 min Scan# 1467

Delta R.T. -0.93 min

Lab File: BF079263.D

Acq: 15 May 2015 9:01

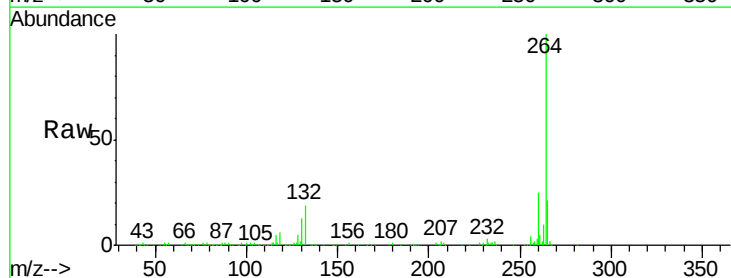
Tgt Ion:264 Resp: 230900

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

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

