

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086863.D
 Acq On : 10 May 2016 16:50
 Operator : UM/SJ
 Sample : PB90444BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90444BL

Quant Time: May 11 04:45:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	152011	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	629280	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	314311	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	620096	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	505924	20.00	ng	-0.01
86) Perylene-d12	15.20	264	393857	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	657233	73.22	ng	0.00
7) Phenol-d6	6.34	99	871680	72.66	ng	-0.02
23) Nitrobenzene-d5	7.25	82	792112	63.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	242126	72.76	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1300662	69.55	ng	-0.01
78) Terphenyl-d14	12.78	244	1404599	58.91	ng	-0.01

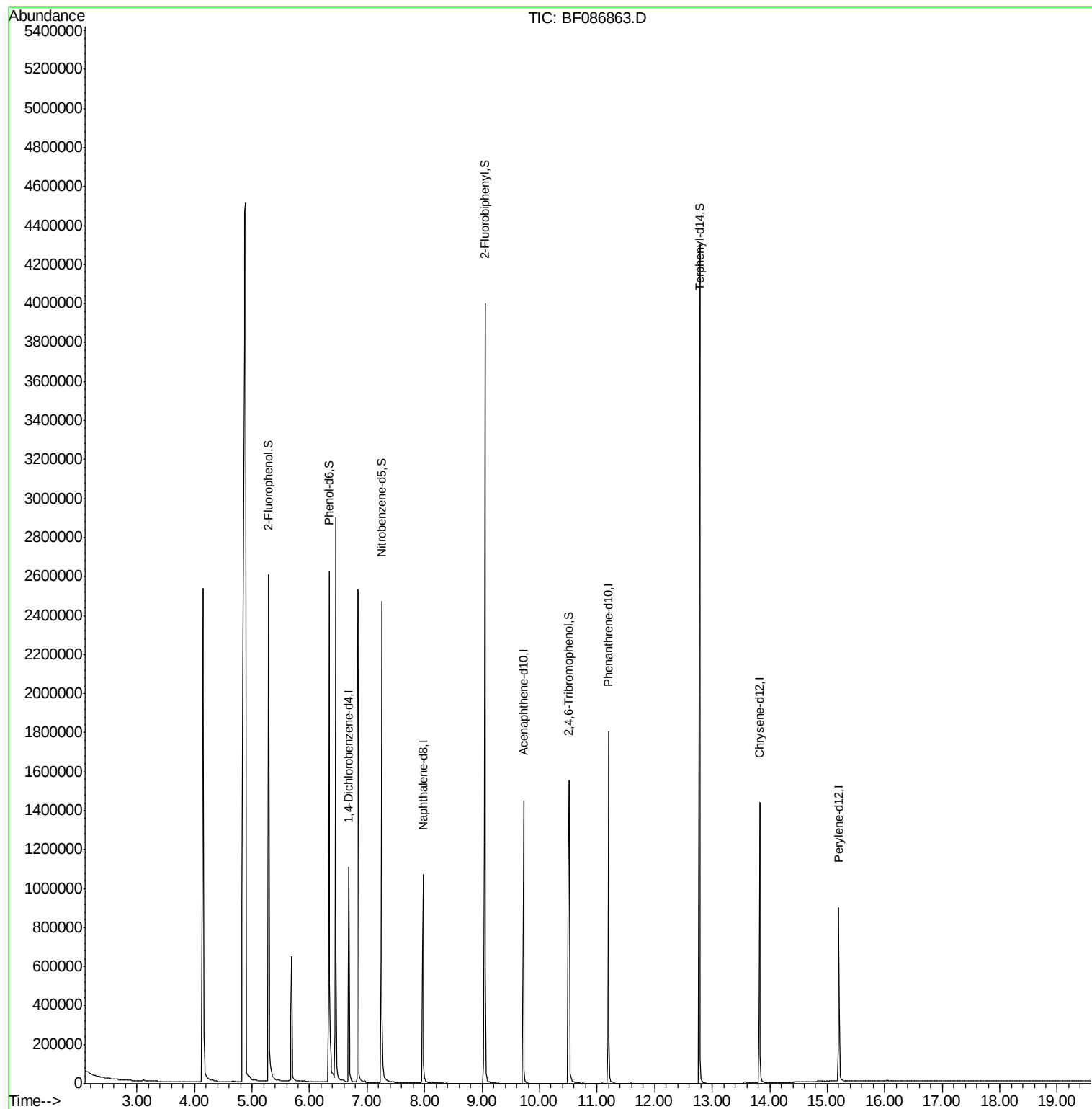
Target Compounds Qvalue

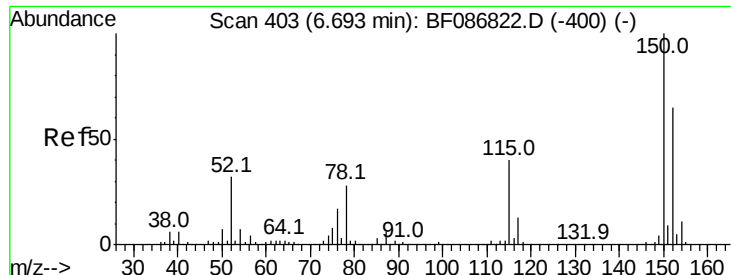
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF086863.D

Acq: 10 May 2016 16:50

Instrument :

BNA_F

ClientSampleId :

PB90444BL

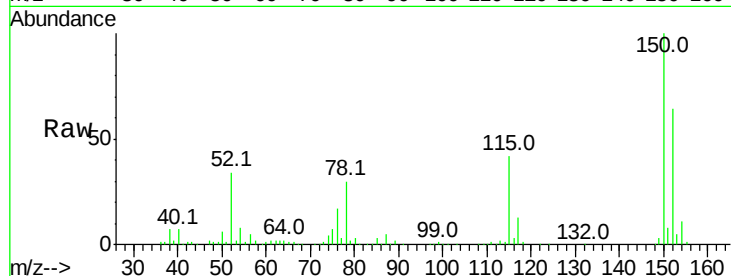
Tot Ion:152 Resp: 152011

Ion Ratio Lower Upper

152 100

150 155.8 125.8 188.6

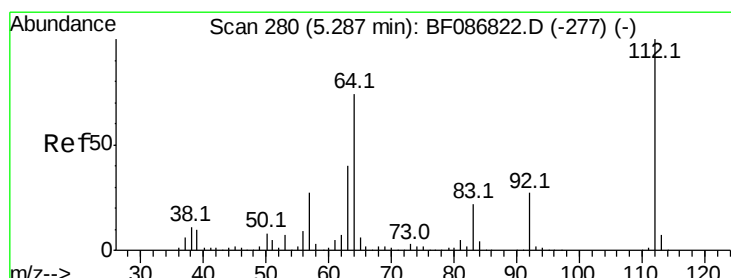
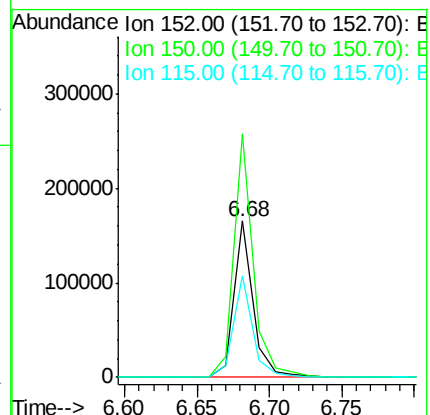
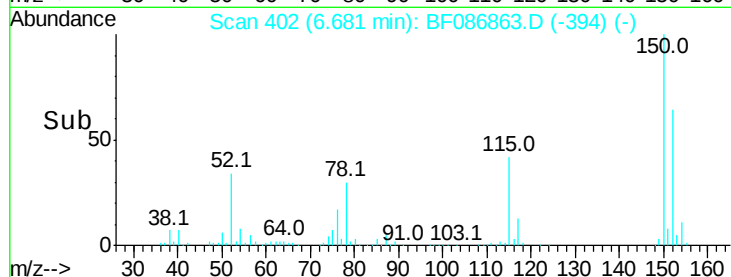
115 64.7 51.5 77.3



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: 73.22 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086863.D

Acq: 10 May 2016 16:50

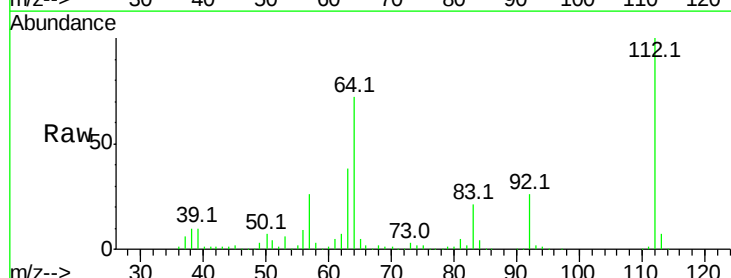
Tgt Ion:112 Resp: 657233

Ion Ratio Lower Upper

112 100

64 71.7 52.1 78.1

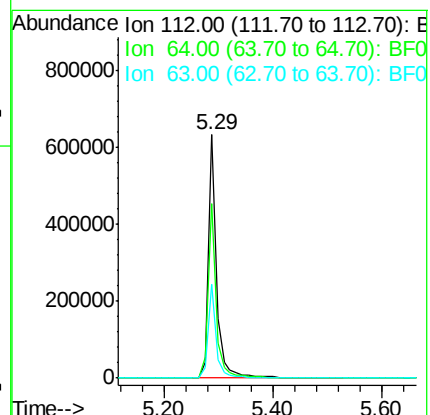
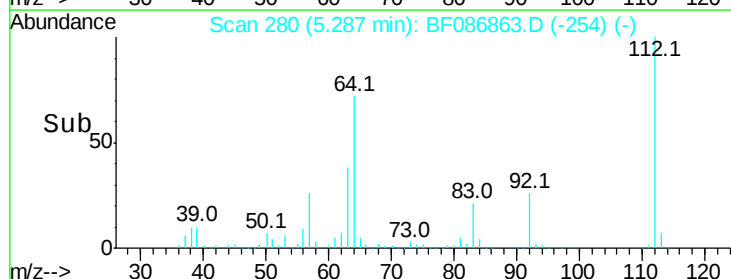
63 38.5 25.7 38.5

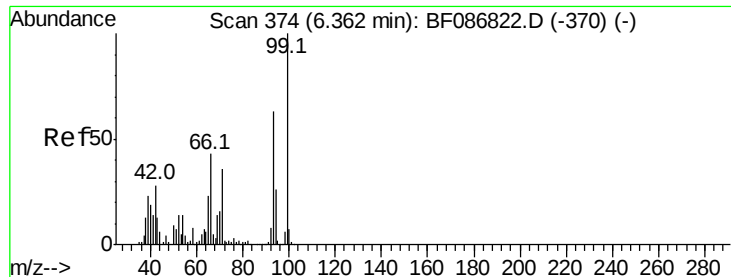


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 72.66 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.02 min

Lab File: BF086863.D

Acq: 10 May 2016 16:50

Instrument :

BNA_F

ClientSampleId :

PB90444BL

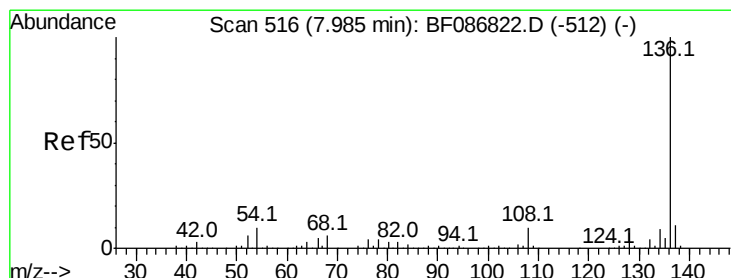
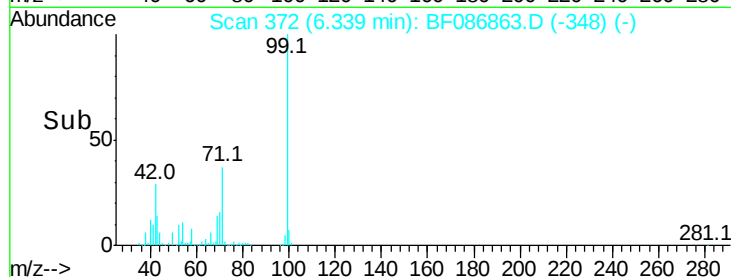
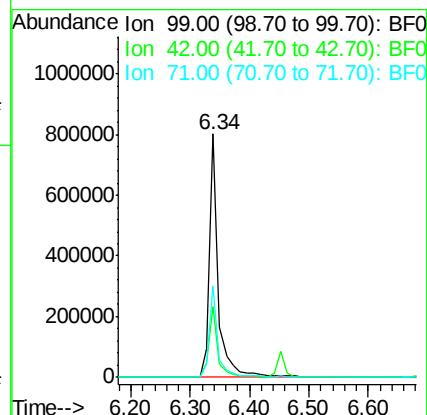
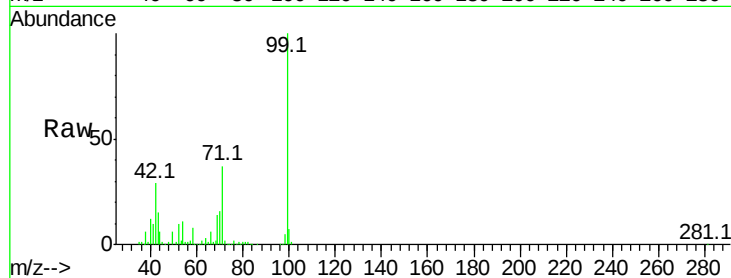
Tot Ion: 99 Resp: 871680

Ion Ratio Lower Upper

99 100

42 29.2 13.6 20.4#

71 37.4 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF086863.D

Acq: 10 May 2016 16:50

Tgt Ion: 136 Resp: 629280

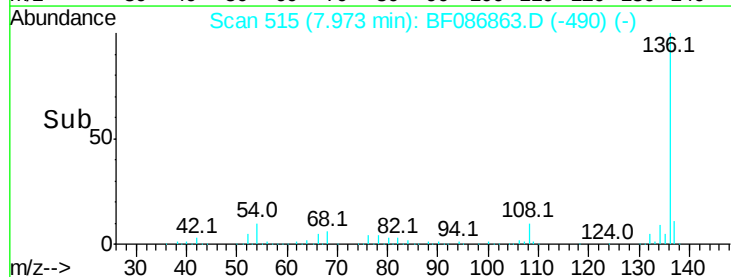
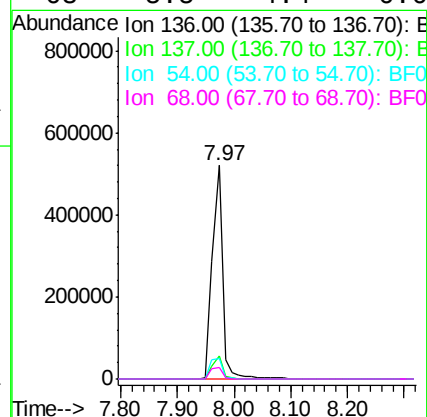
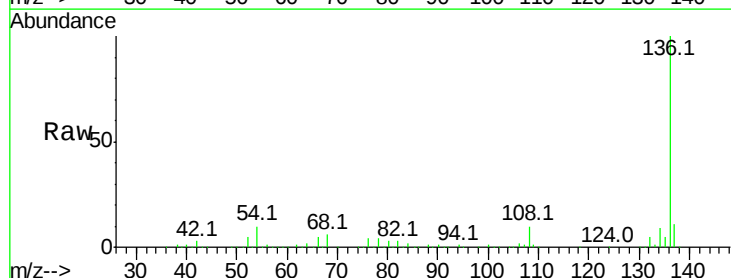
Ion Ratio Lower Upper

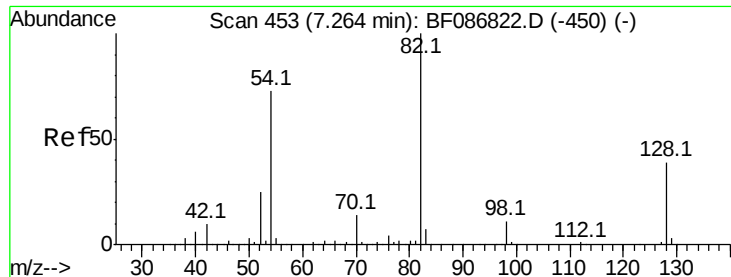
136 100

137 10.6 8.8 13.2

54 9.7 5.0 7.4#

68 5.5 4.4 6.6

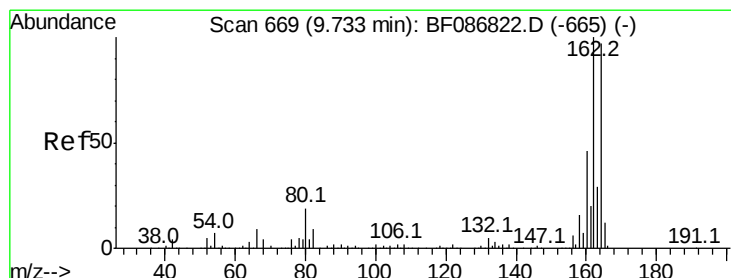
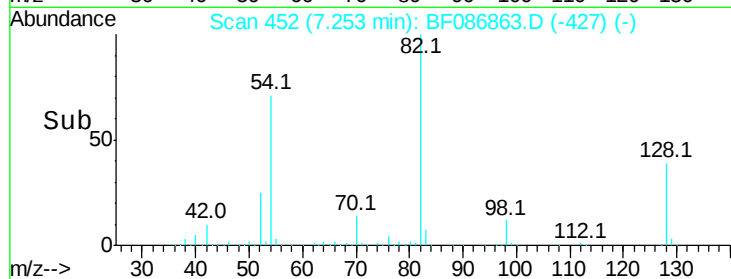
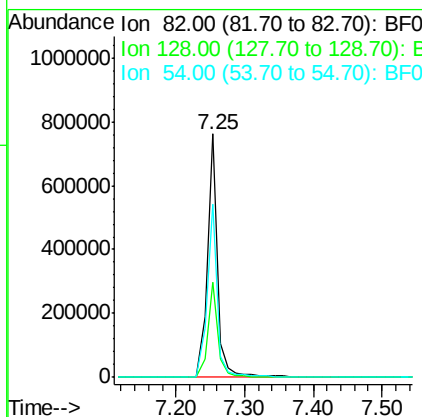
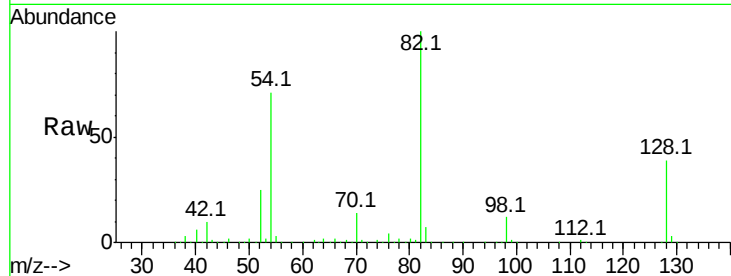




#23
 Nitrobenzene-d5
 Concen: 63.21 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF086863.D
 Acq: 10 May 2016 16:50

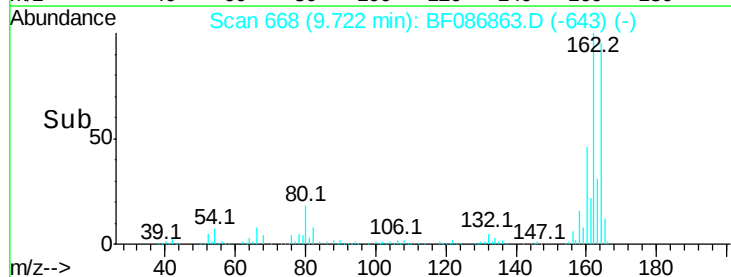
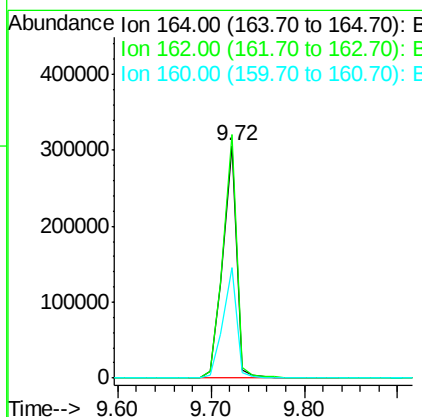
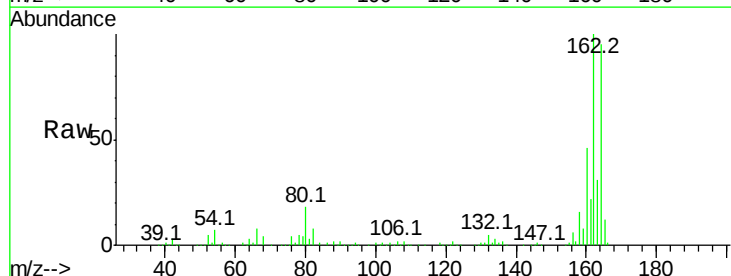
Instrument :
 BNA_F
 ClientSampleID :
 PB90444BL

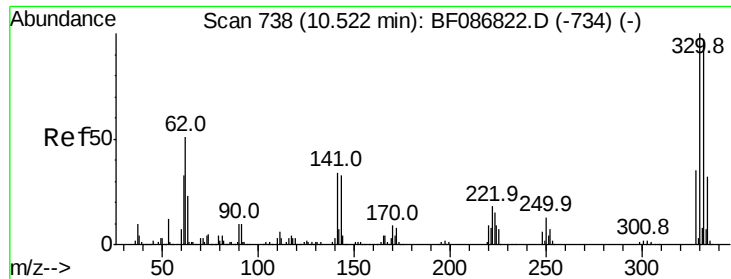
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.9	40.6	61.0#
54	71.3	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF086863.D
 Acq: 10 May 2016 16:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.8	124.2
160	47.8	36.9	55.3

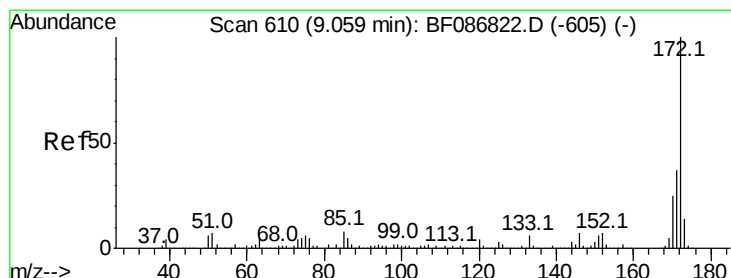
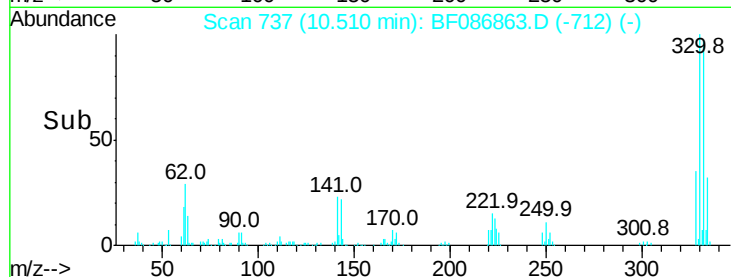
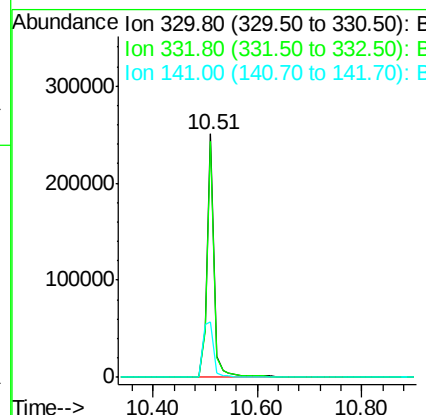
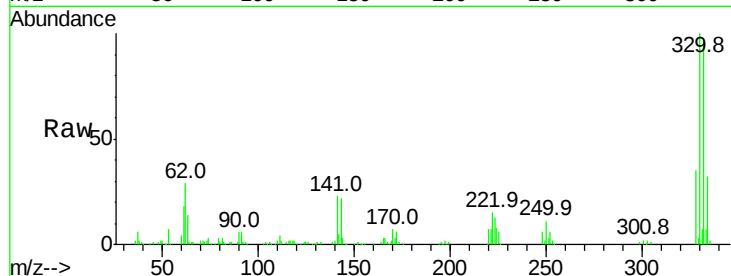




#41
 2,4,6-Tribromophenol
 Concen: 72.76 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086863.D
 Acq: 10 May 2016 16:50

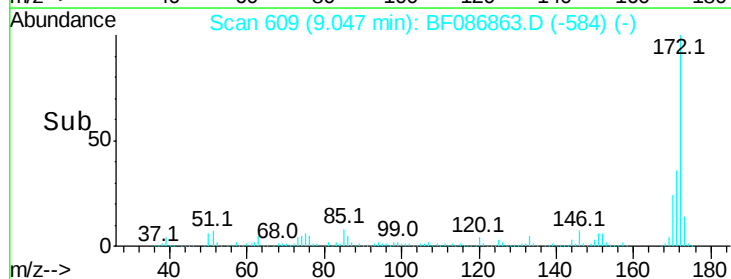
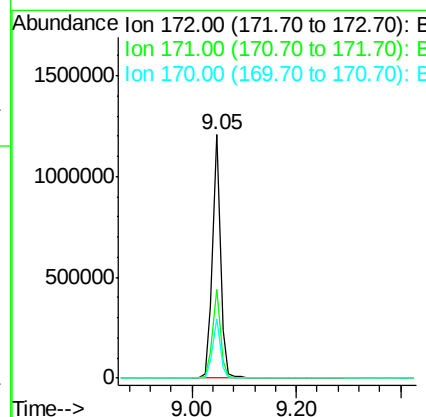
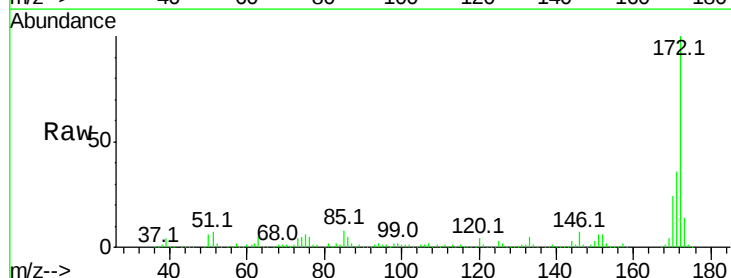
Instrument :
 BNA_F
 ClientSampleId :
 PB90444BL

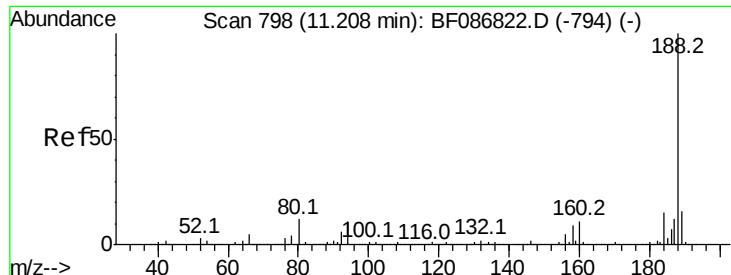
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.0	118.4
141	35.5	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 69.55 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086863.D
 Acq: 10 May 2016 16:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.2	19.8	29.8

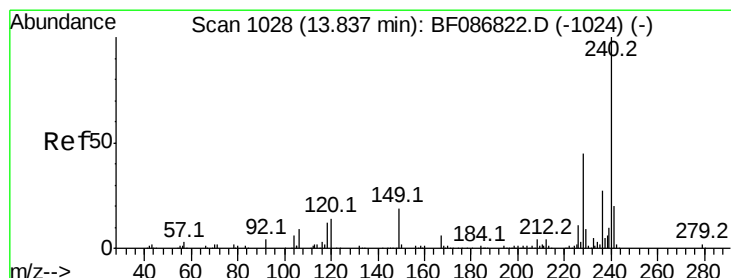
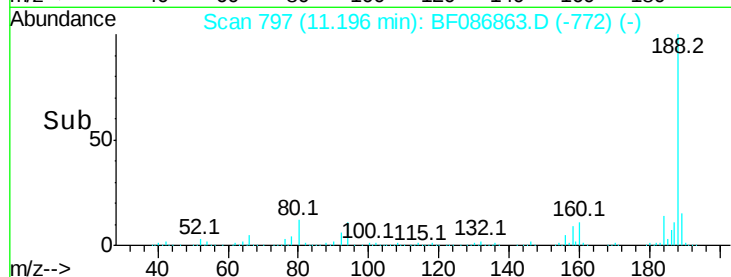
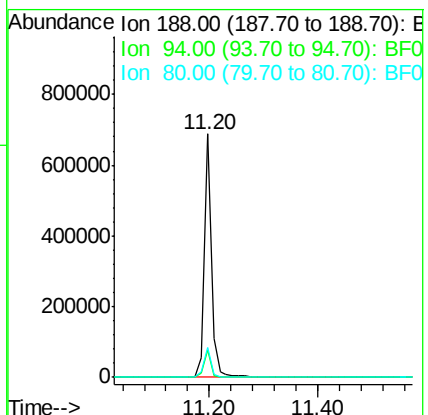
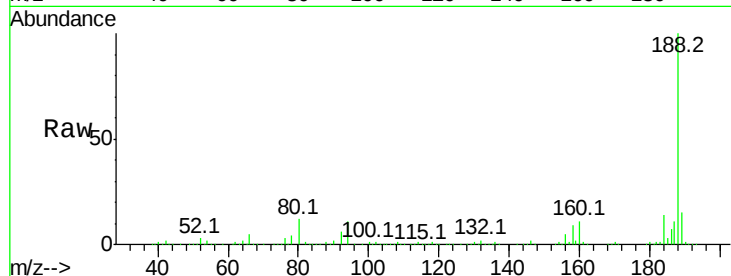




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF086863.D
Acq: 10 May 2016 16:50

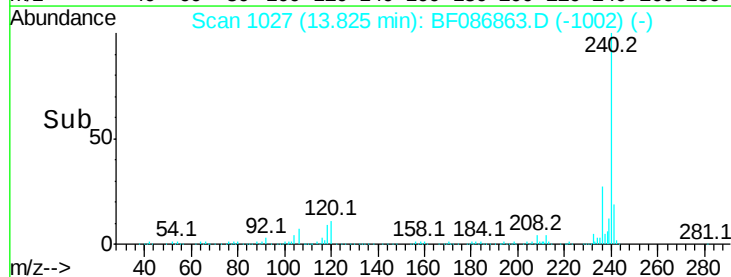
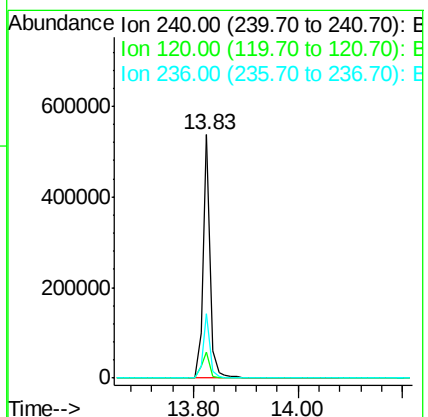
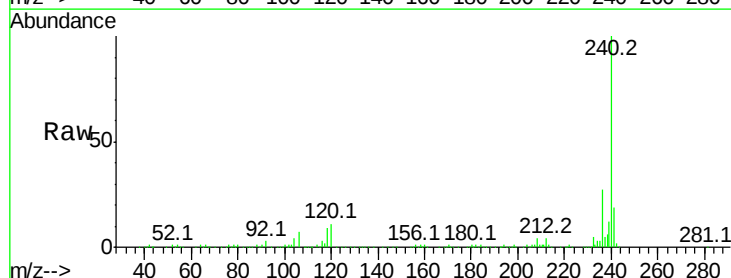
Instrument :
BNA_F
ClientSampleId :
PB90444BL

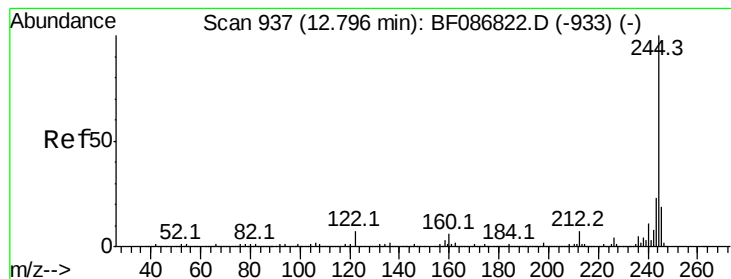
Tot Ion:188 Resp: 620096
Ion Ratio Lower Upper
188 100
94 11.1 6.8 10.2#
80 12.4 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF086863.D
Acq: 10 May 2016 16:50

Tgt Ion:240 Resp: 505924
Ion Ratio Lower Upper
240 100
120 10.8 11.2 16.8#
236 26.6 21.2 31.8





#78

Terphenyl-d14

Concen: 58.91 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF086863.D

Acq: 10 May 2016 16:50

Instrument :

BNA_F

ClientSampleId :

PB90444BL

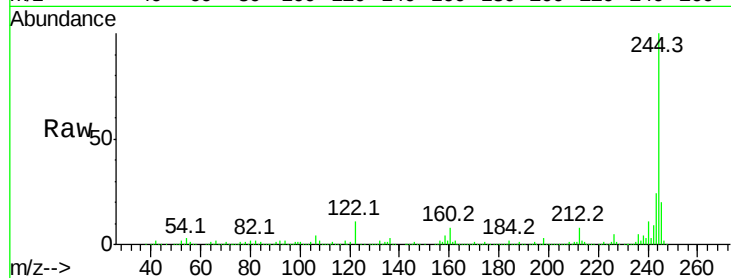
Tot Ion:244 Resp: 1404599

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

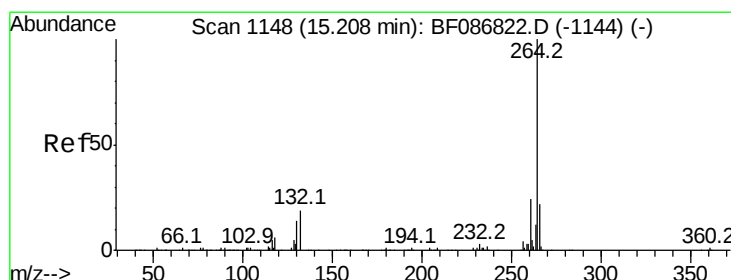
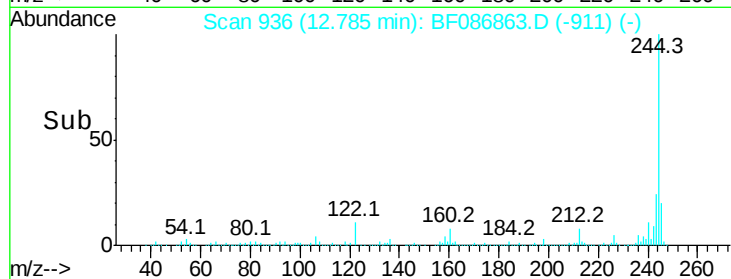
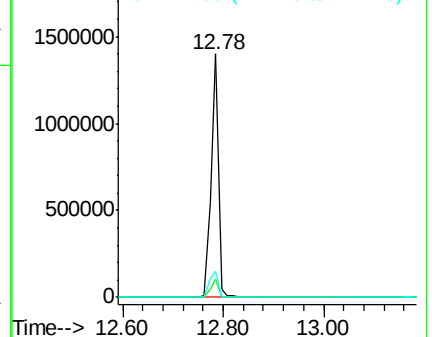
122 10.9 12.0 18.0#



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: 15.20 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF086863.D

Acq: 10 May 2016 16:50

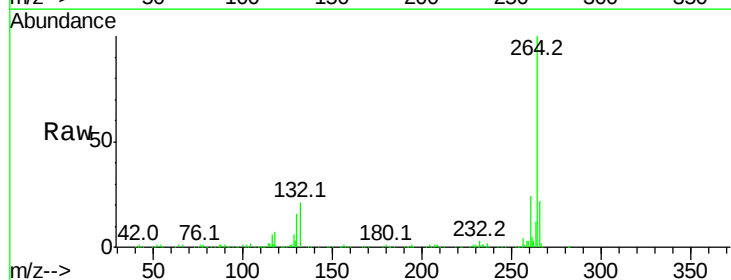
Tgt Ion:264 Resp: 393857

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.7 17.3 25.9



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

