

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086867.D
 Acq On : 10 May 2016 18:44
 Operator : UM/SJ
 Sample : PB90456BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BL

Quant Time: May 11 04:55:24 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	151801	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	620722	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	306319	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	615287	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	483457	20.00	ng	-0.01
86) Perylene-d12	15.20	264	382571	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1144218	127.65	ng	0.00
7) Phenol-d6	6.34	99	1357783	113.34	ng	-0.02
23) Nitrobenzene-d5	7.25	82	886875	71.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	396199	122.17	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1457390	79.96	ng	-0.01
78) Terphenyl-d14	12.79	244	1608728	70.60	ng	-0.01

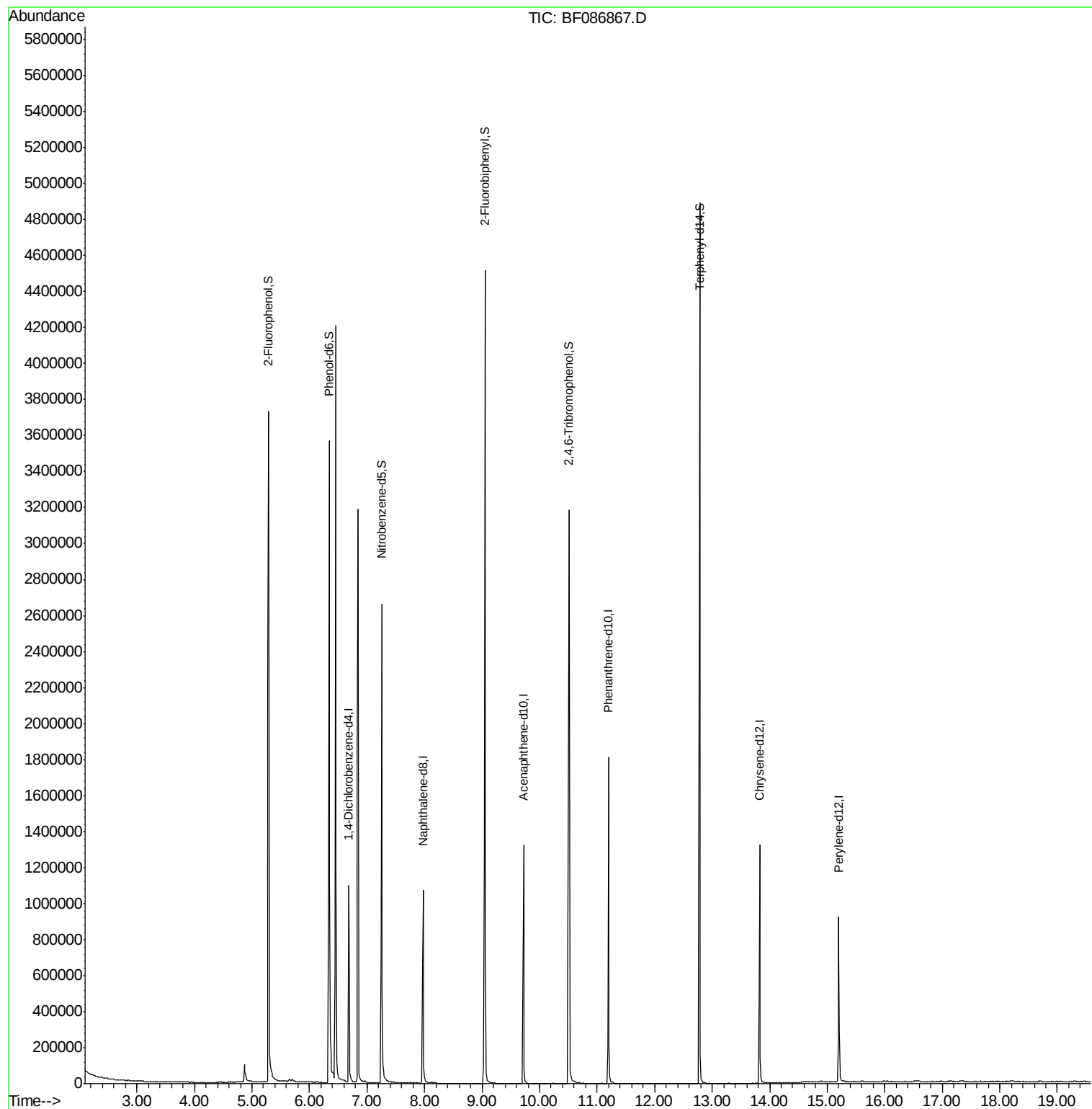
Target Compounds Qvalue

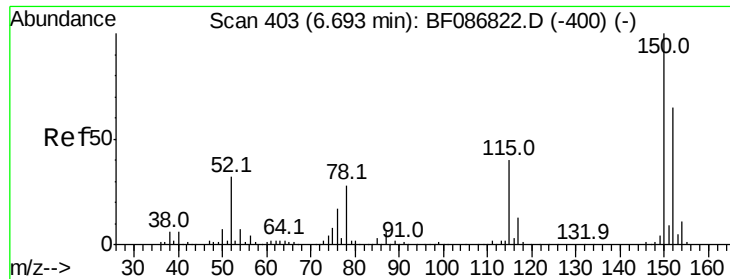
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086867.D

Acq: 10 May 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB90456BL

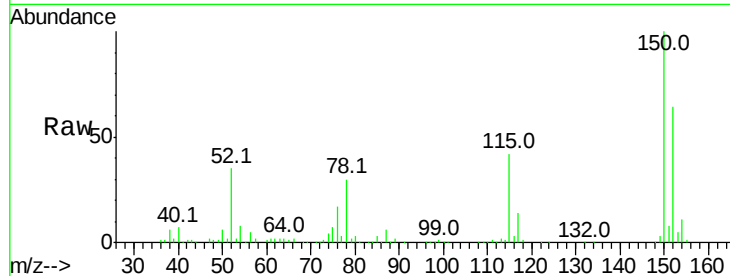
Tot Ion:152 Resp: 151801

Ion Ratio Lower Upper

152 100

150 156.9 125.8 188.6

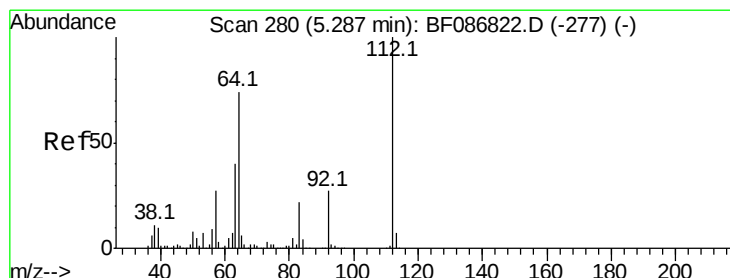
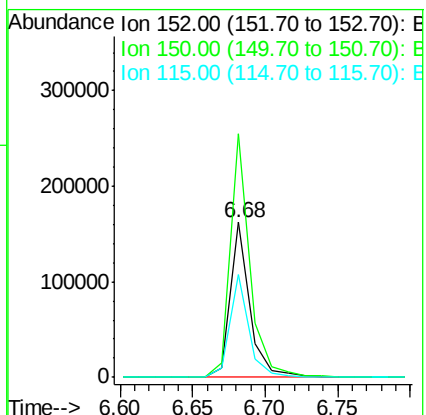
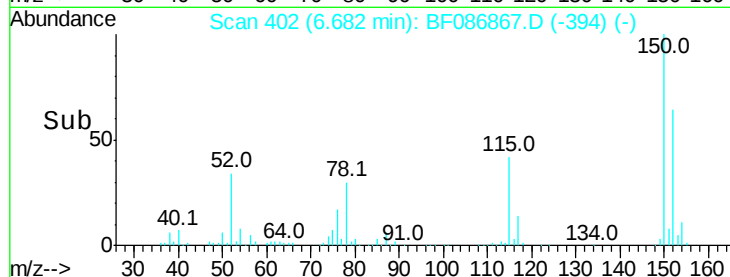
115 65.9 51.5 77.3



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: 127.65 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086867.D

Acq: 10 May 2016 18:44

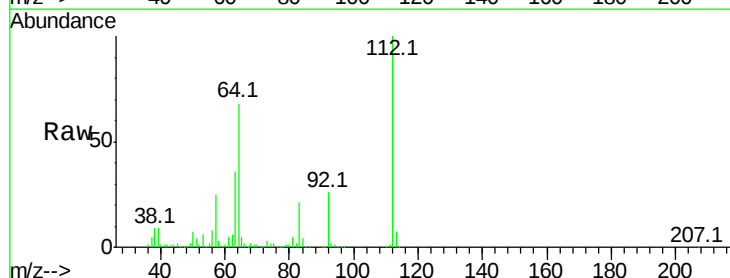
Tgt Ion:112 Resp: 1144218

Ion Ratio Lower Upper

112 100

64 67.8 52.1 78.1

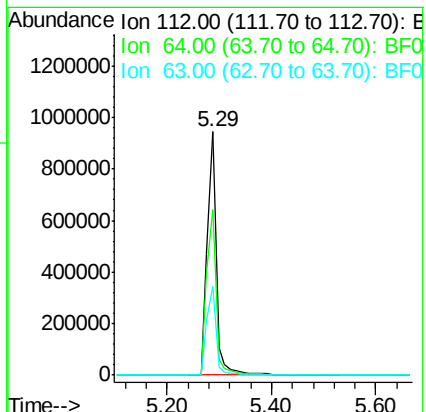
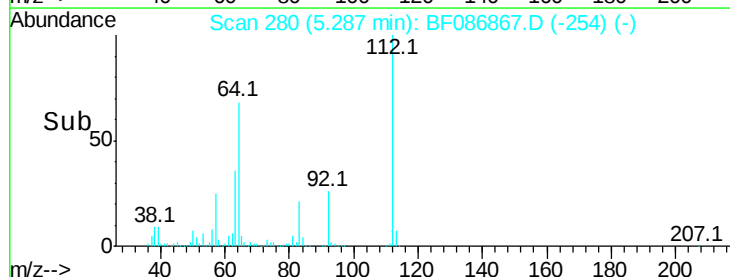
63 36.3 25.7 38.5

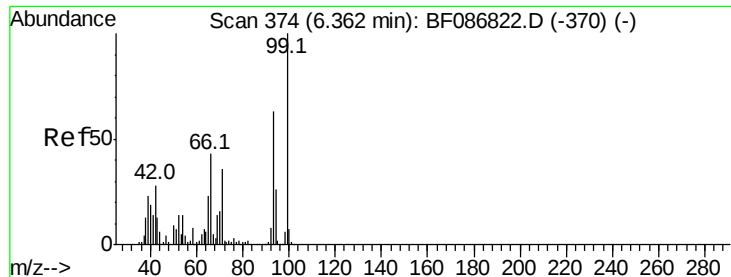


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.34 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.02 min

Lab File: BF086867.D

Acq: 10 May 2016 18:44

Instrument :

BNA_F

ClientSampled :

PB90456BL

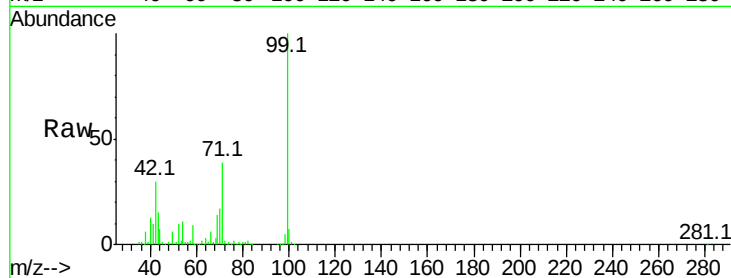
Tot Ion: 99 Resp: 1357783

Ion Ratio Lower Upper

99 100

42 30.5 13.6 20.4#

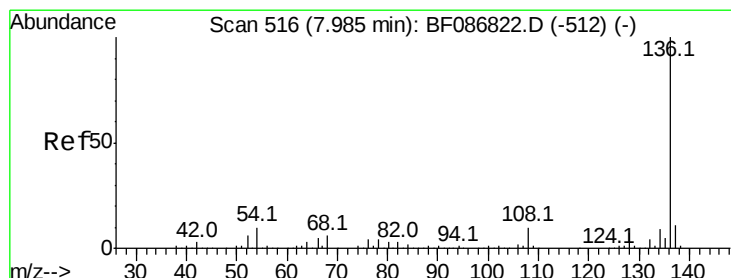
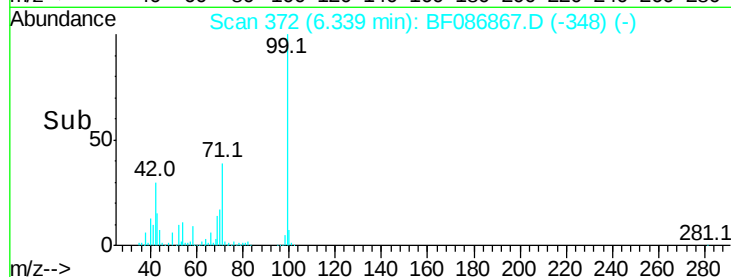
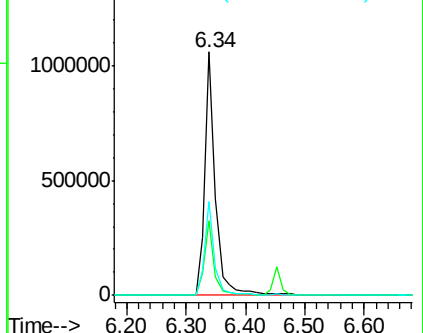
71 38.5 24.6 36.8#



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: 7.97 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF086867.D

Acq: 10 May 2016 18:44

Tgt Ion:136 Resp: 620722

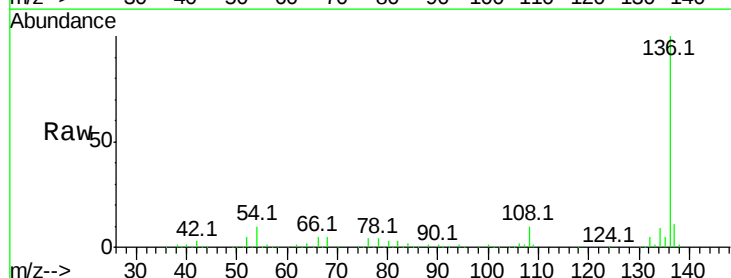
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 9.6 5.0 7.4#

68 5.5 4.4 6.6

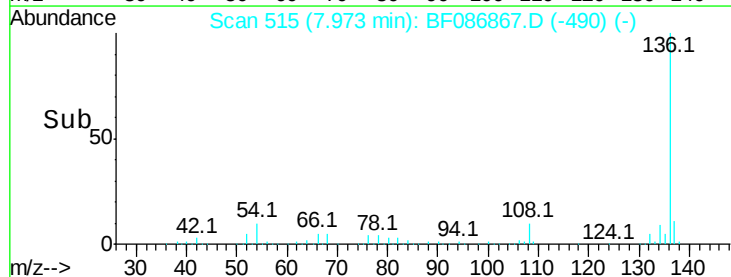
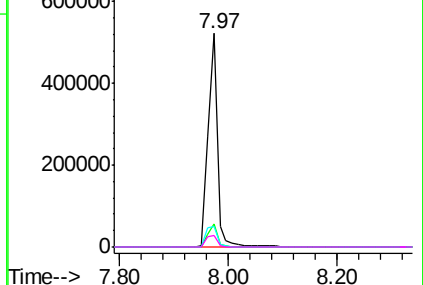


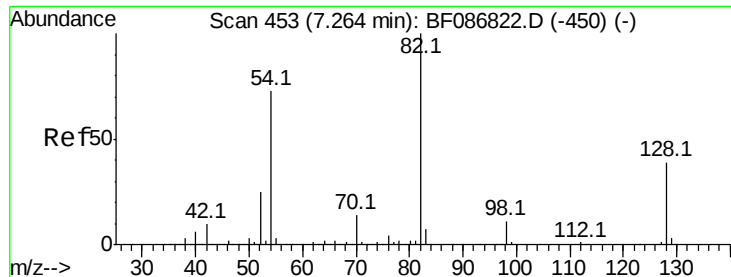
Abundance Ion 136.00 (135.70 to 136.70): E

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

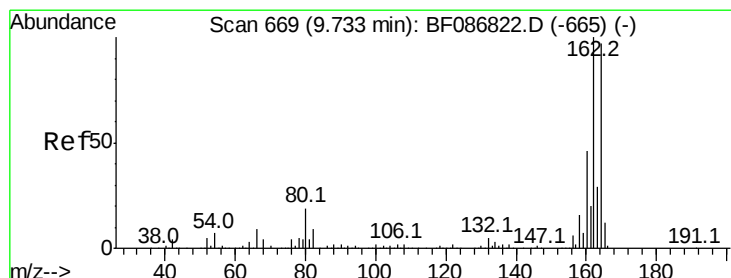
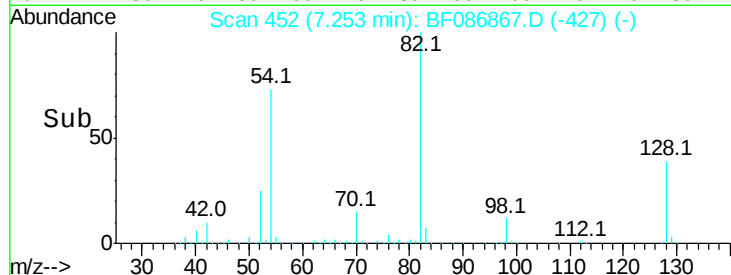
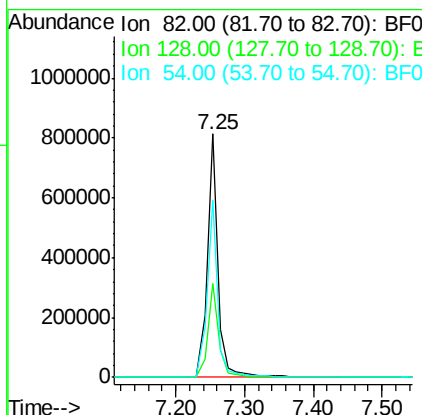
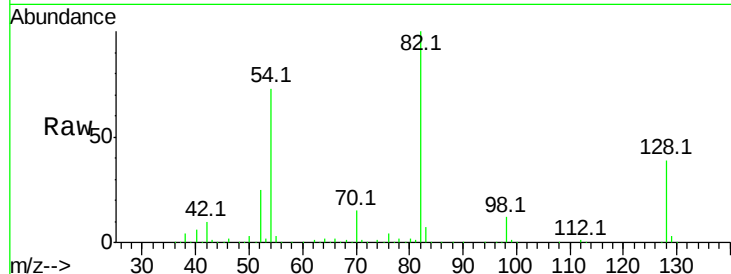




#23
 Nitrobenzene-d5
 Concen: 71.74 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF086867.D
 Acq: 10 May 2016 18:44

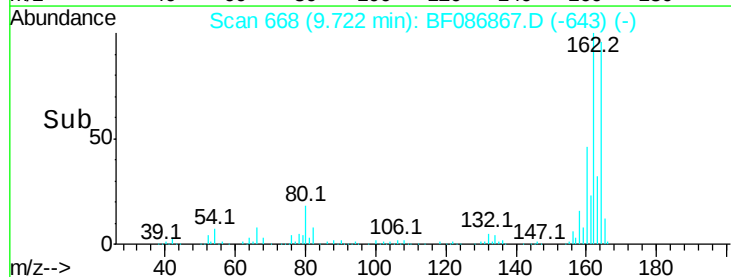
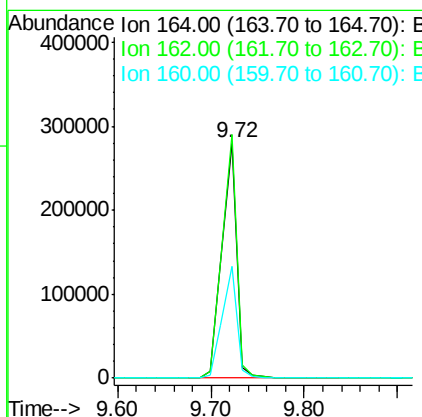
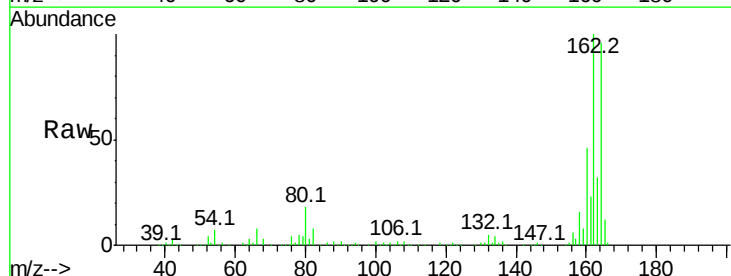
Instrument :
 BNA_F
 ClientSampleID :
 PB90456BL

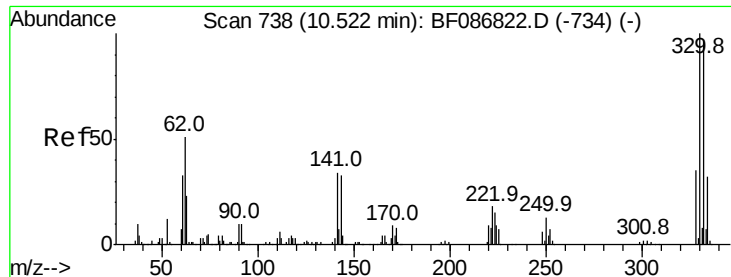
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.8	40.6	61.0#
54	72.6	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF086867.D
 Acq: 10 May 2016 18:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.8	124.2
160	47.9	36.9	55.3

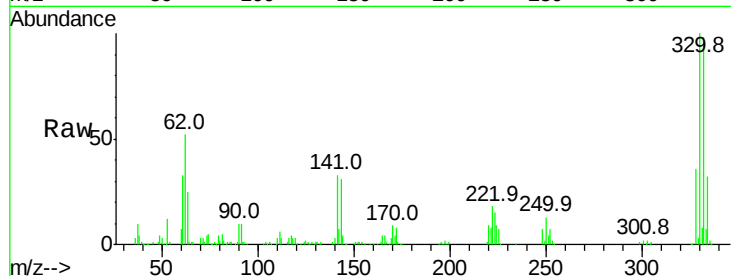




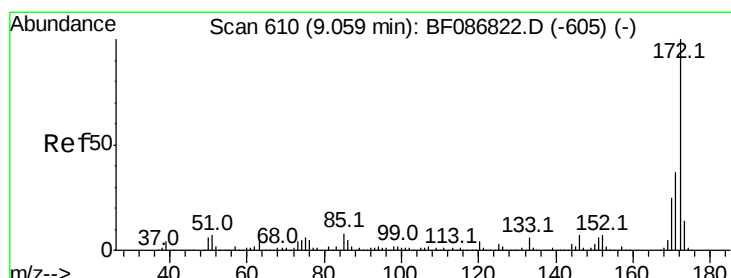
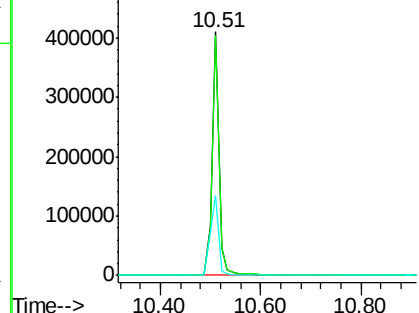
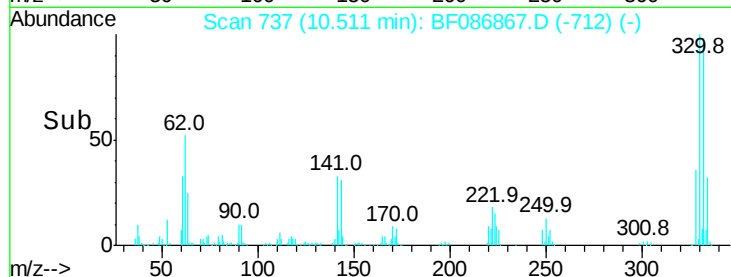
#41
 2,4,6-Tribromophenol
 Concen: 122.17 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086867.D
 Acq: 10 May 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	79.0	118.4
141	39.0	31.2	46.8

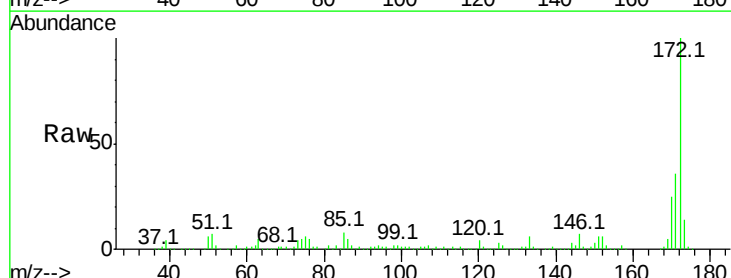


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

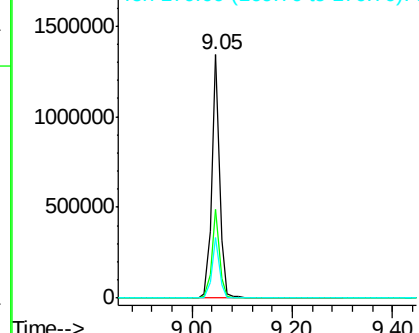
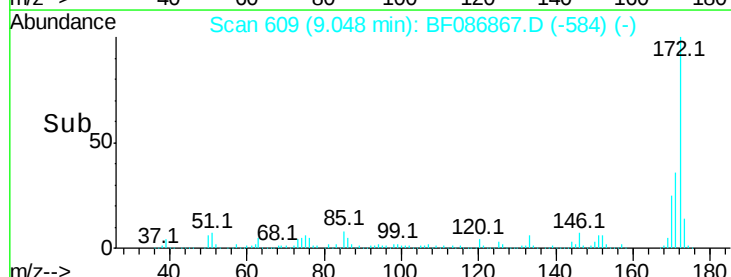


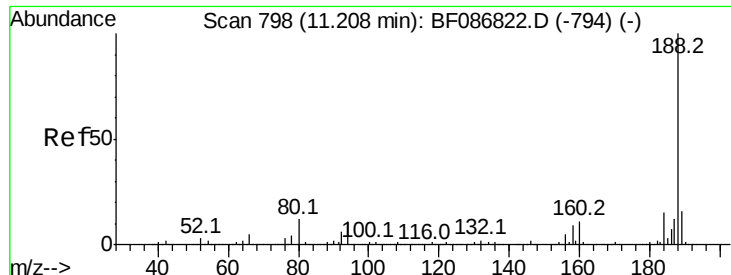
#44
 2-Fluorobiphenyl
 Concen: 79.96 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086867.D
 Acq: 10 May 2016 18:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.9	19.8	29.8



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

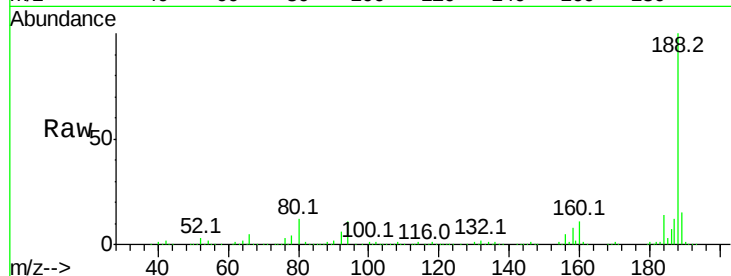




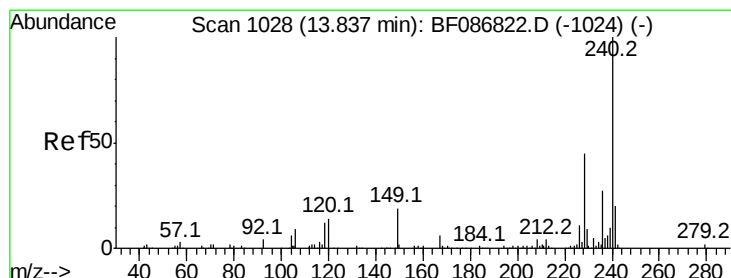
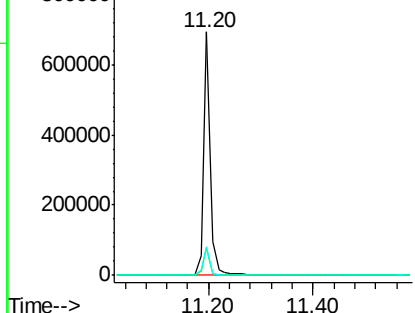
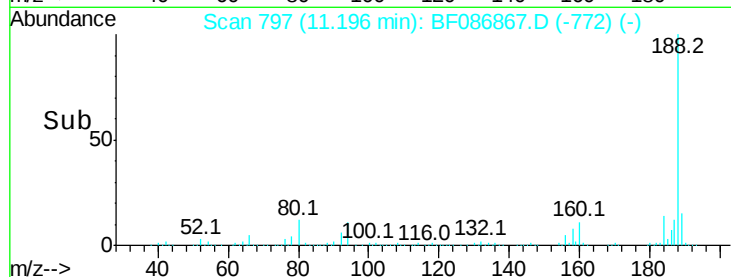
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF086867.D
Acq: 10 May 2016 18:44

Instrument :
BNA_F
ClientSampleId :
PB90456BL

Tot Ion:188 Resp: 615287
Ion Ratio Lower Upper
188 100
94 11.0 6.8 10.2#
80 11.5 7.1 10.7#

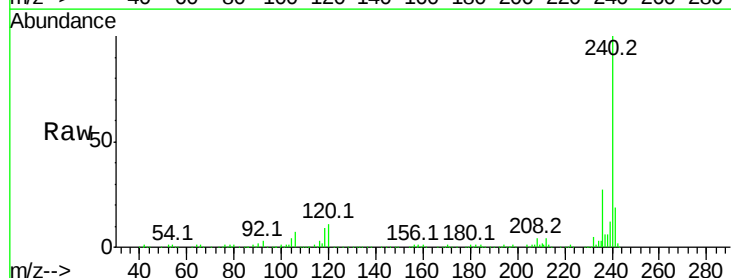


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

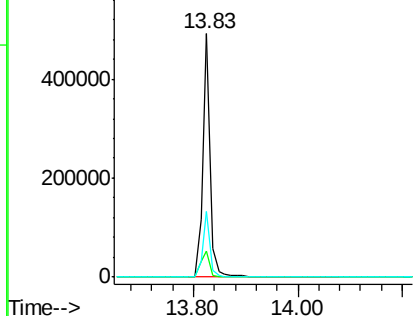
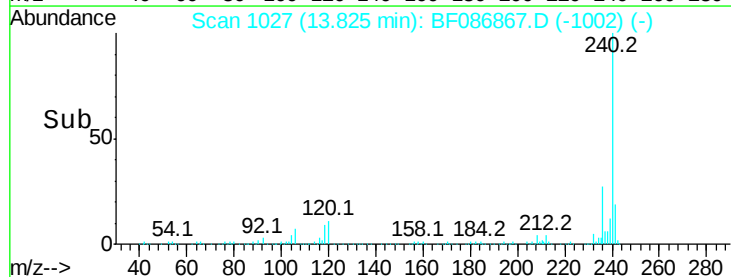


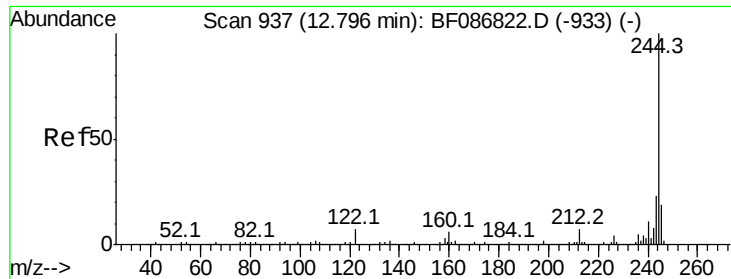
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF086867.D
Acq: 10 May 2016 18:44

Tgt Ion:240 Resp: 483457
Ion Ratio Lower Upper
240 100
120 10.7 11.2 16.8#
236 26.8 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



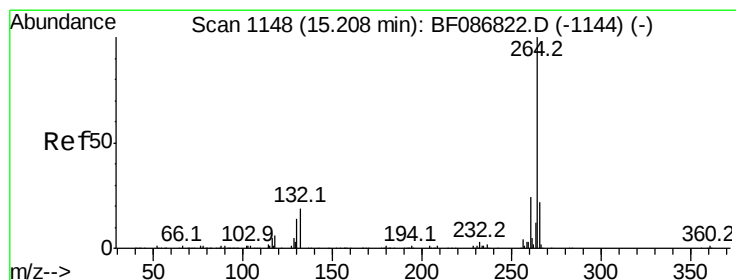
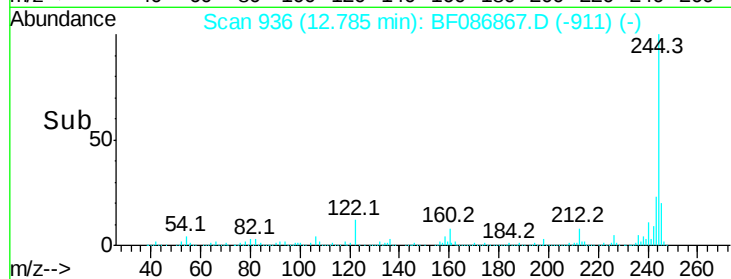
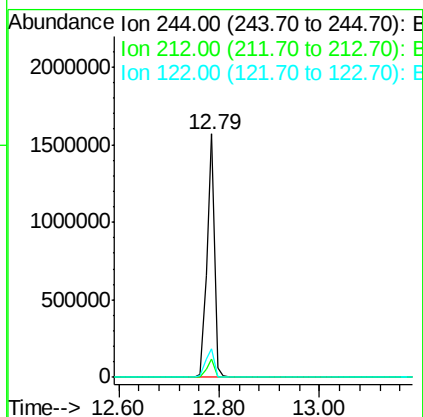
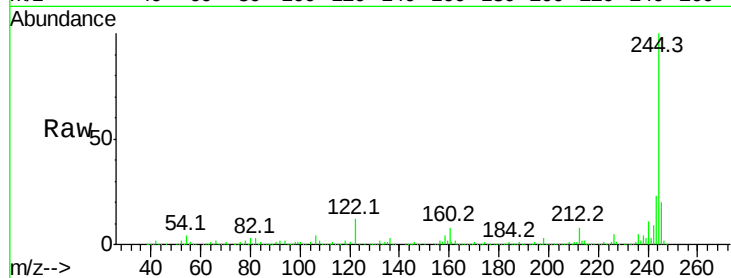


#78
 Terphenyl-d14
 Concen: 70.60 ng
 RT: 12.79 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF086867.D
 Acq: 10 May 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BL

Tot Ion:244 Resp: 1608728

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	11.5	12.0	18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF086867.D
 Acq: 10 May 2016 18:44

Tgt Ion:264 Resp: 382571

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.1	17.3	25.9

