

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086363.D
 Acq On : 23 Apr 2016 1:25
 Operator : UM/SJ
 Sample : PB90017BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90017BL

Quant Time: Apr 23 03:30:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	174429	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	739746	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	346913	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	703115	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	619714	20.00	ng	-0.01
86) Perylene-d12	15.40	264	552307	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	898659	88.97	ng	0.01
7) Phenol-d6	6.46	99	1170921	85.27	ng	-0.01
23) Nitrobenzene-d5	7.40	82	751649	60.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	293668	93.51	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1378044	67.79	ng	-0.01
78) Terphenyl-d14	12.95	244	1374677	55.11	ng	0.00

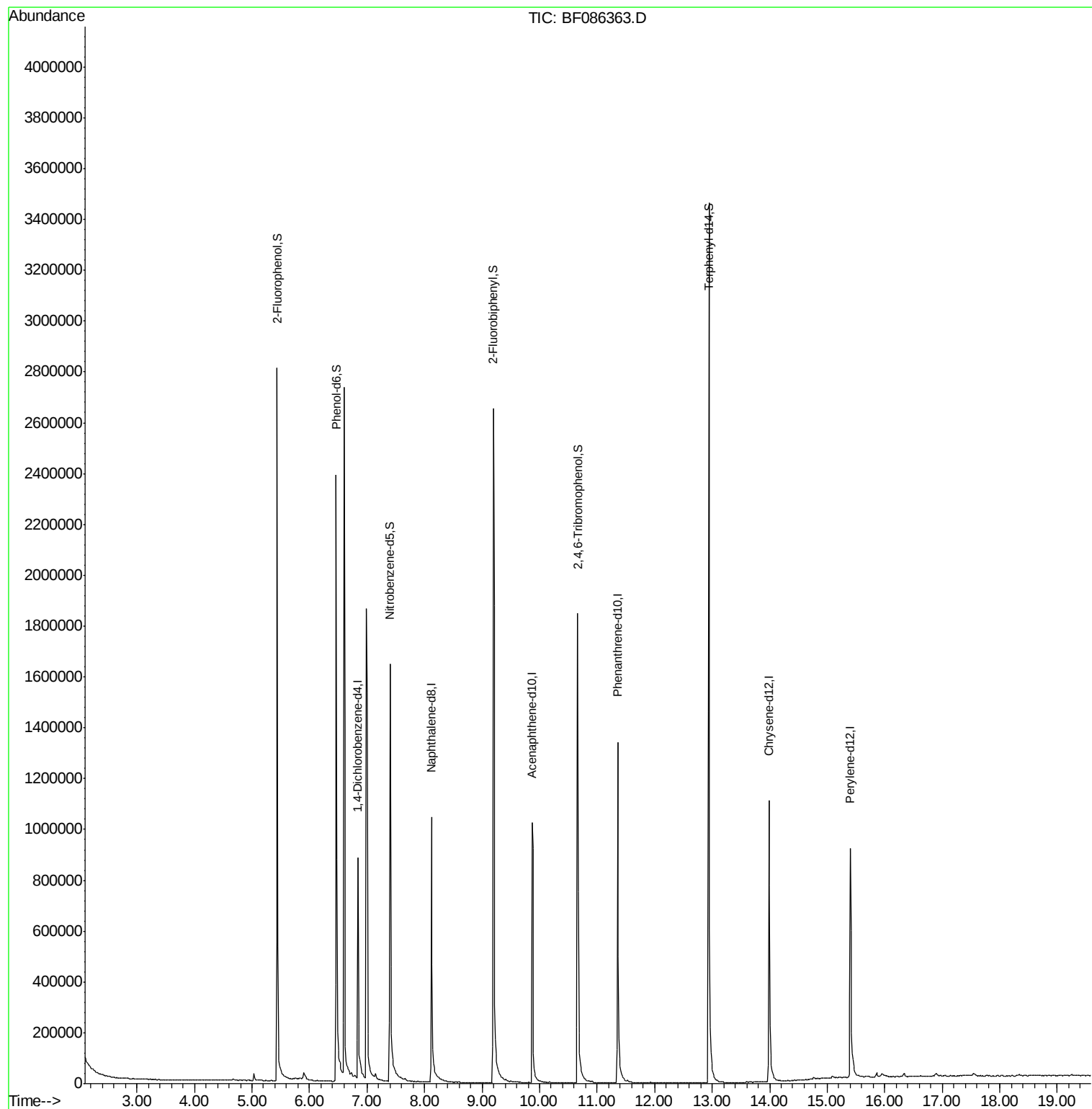
Target Compounds Qvalue

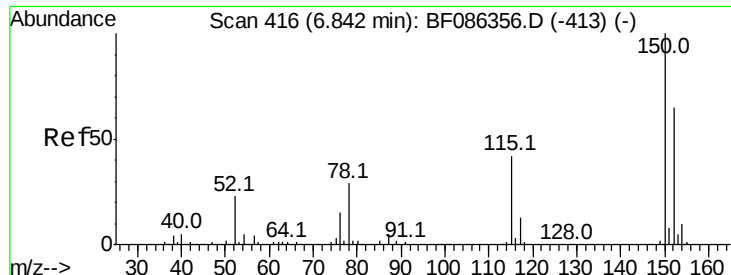
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF086363.D

Acq: 23 Apr 2016 1:25

Instrument :

BNA_F

ClientSampleId :

PB90017BL

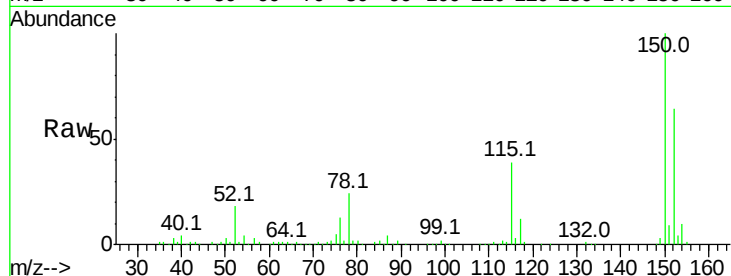
Tot Ion:152 Resp: 174429

Ion Ratio Lower Upper

152 100

150 155.5 125.8 188.6

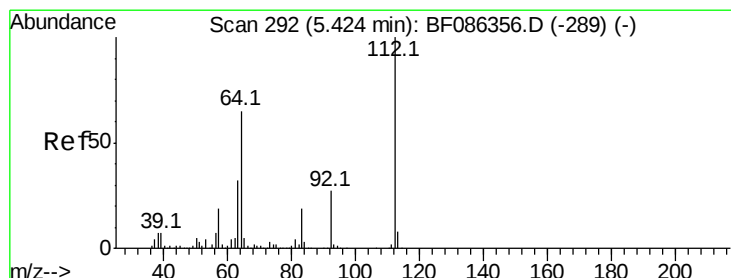
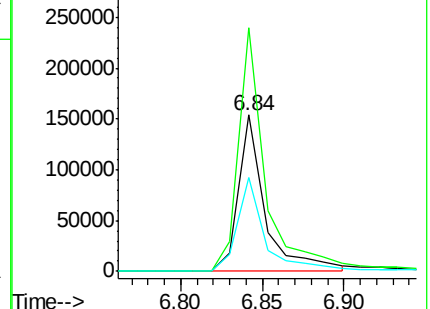
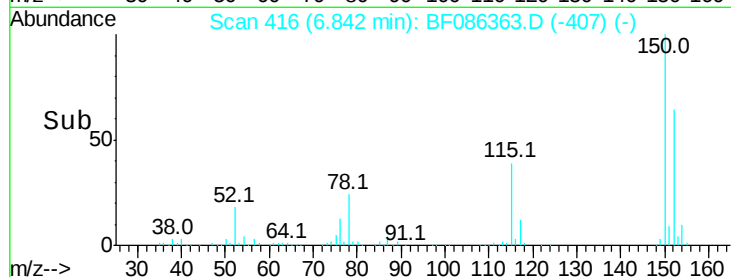
115 60.0 51.5 77.3



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: 88.97 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF086363.D

Acq: 23 Apr 2016 1:25

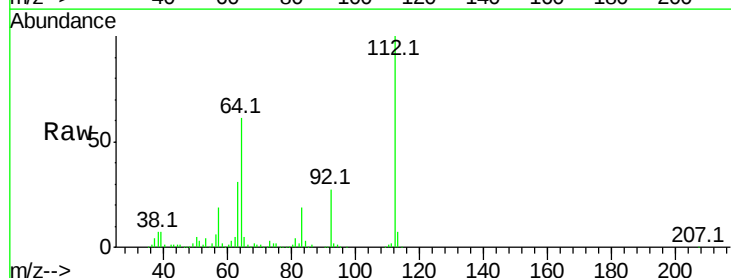
Tgt Ion:112 Resp: 898659

Ion Ratio Lower Upper

112 100

64 61.1 52.1 78.1

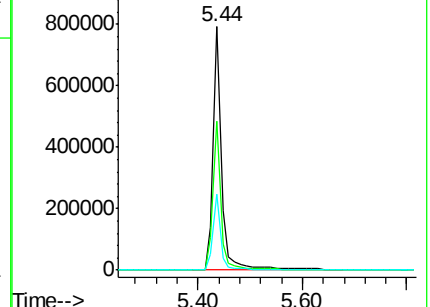
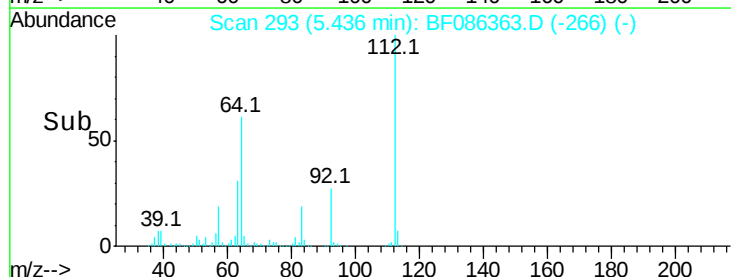
63 31.2 25.7 38.5

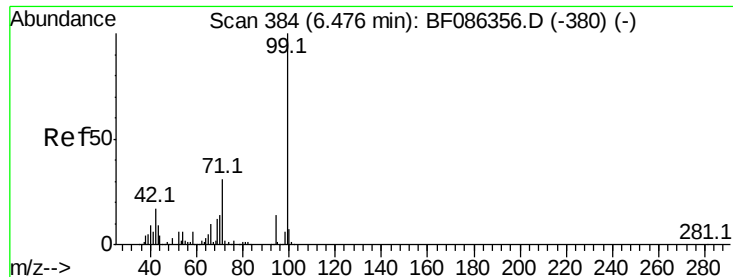


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 85.27 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF086363.D

Acq: 23 Apr 2016 1:25

Instrument :

BNA_F

ClientSampled :

PB90017BL

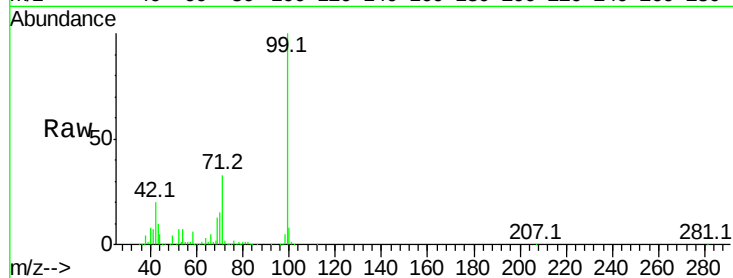
Tot Ion: 99 Resp: 1170921

Ion Ratio Lower Upper

99 100

42 20.1 13.6 20.4

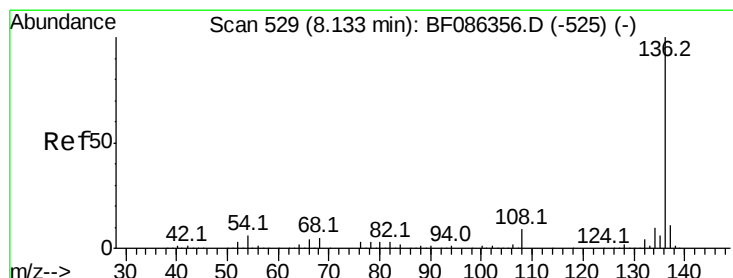
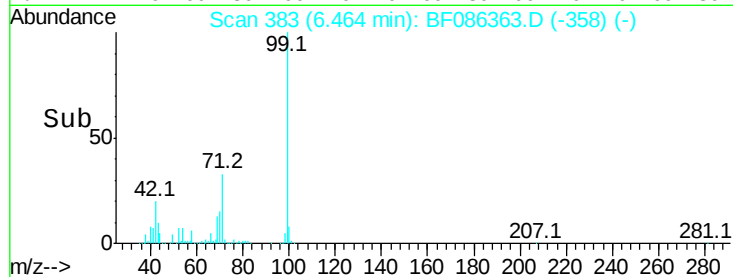
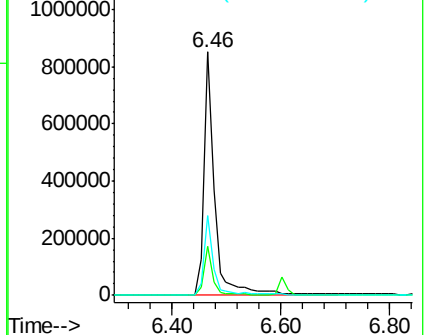
71 32.9 24.6 36.8



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: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF086363.D

Acq: 23 Apr 2016 1:25

Tgt Ion: 136 Resp: 739746

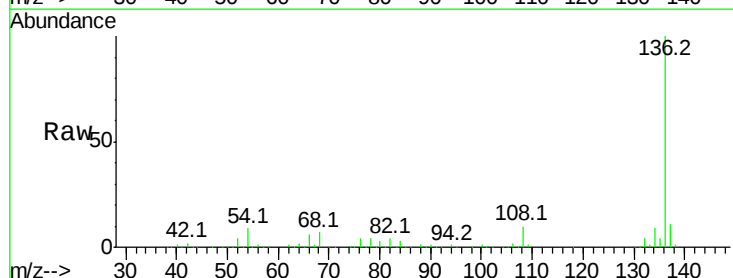
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 8.9 5.0 7.4#

68 7.2 4.4 6.6#

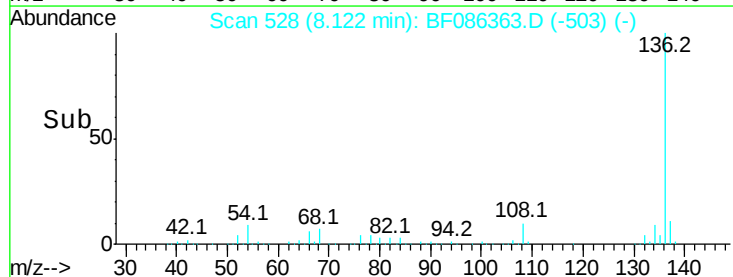
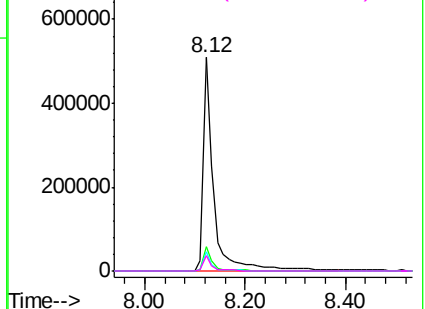


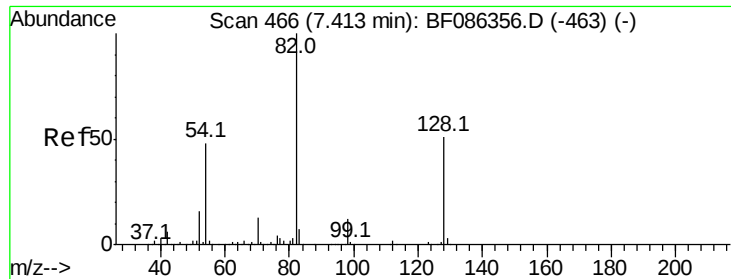
Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.19 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF086363.D

Acq: 23 Apr 2016 1:25

Instrument :

BNA_F

ClientSampleId :

PB90017BL

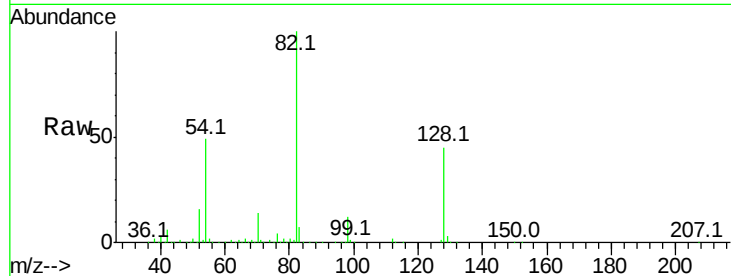
Tot Ion: 82 Resp: 751649

Ion Ratio Lower Upper

82 100

128 45.5 40.6 61.0

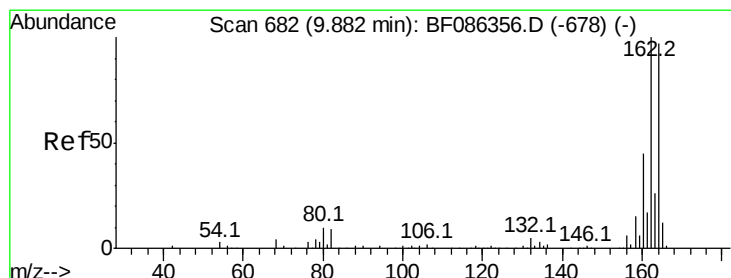
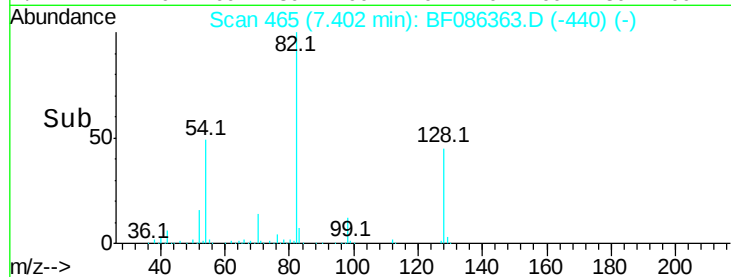
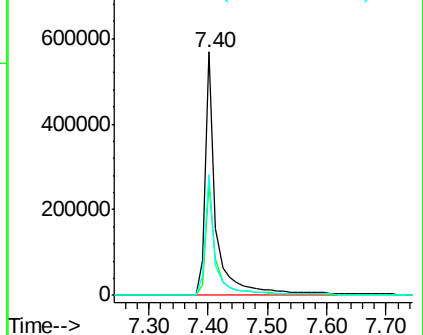
54 49.5 38.1 57.1



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF086363.D

Acq: 23 Apr 2016 1:25

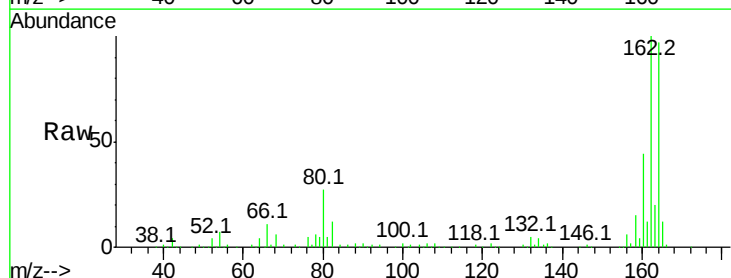
Tgt Ion:164 Resp: 346913

Ion Ratio Lower Upper

164 100

162 102.6 82.8 124.2

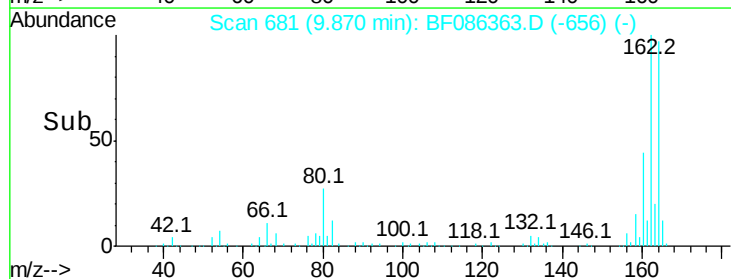
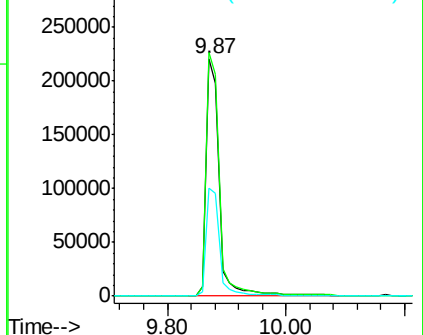
160 45.3 36.9 55.3

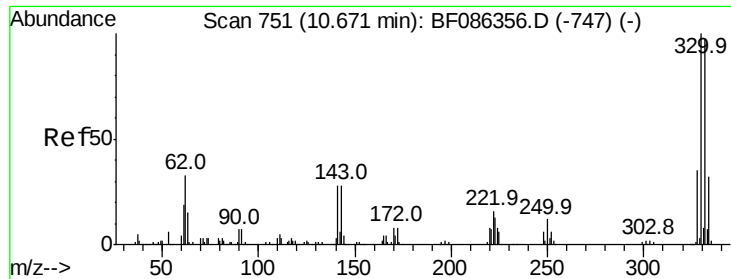


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

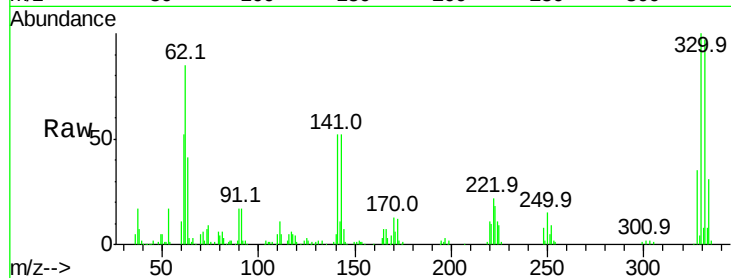




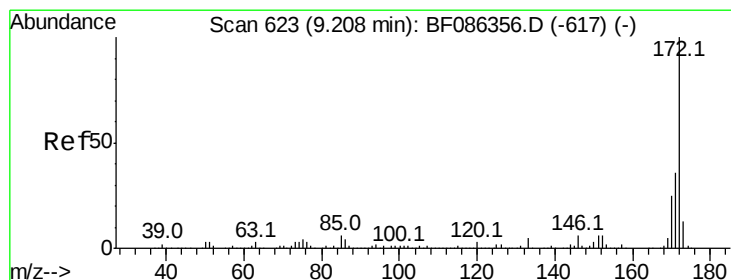
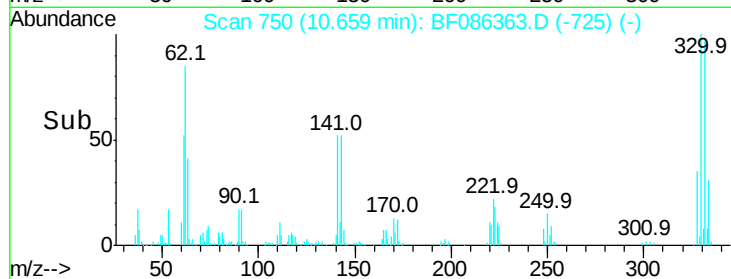
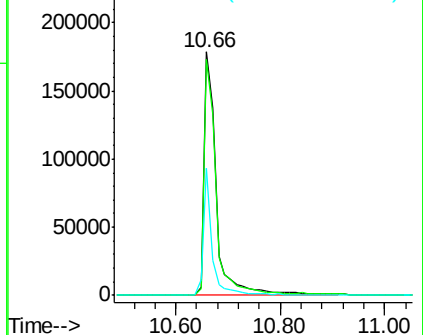
#41
 2,4,6-Tribromophenol
 Concen: 93.51 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF086363.D
 Acq: 23 Apr 2016 1:25

Instrument :
 BNA_F
 ClientSampleId :
 PB90017BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	79.0	118.4
141	37.9	31.2	46.8

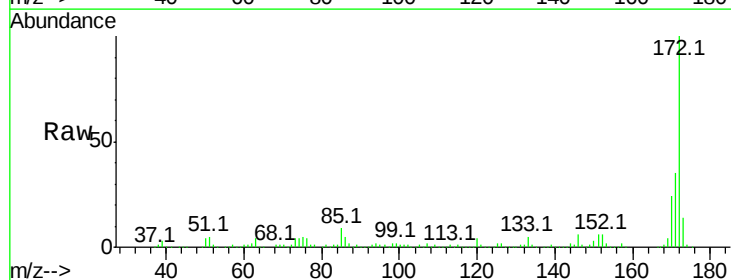


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

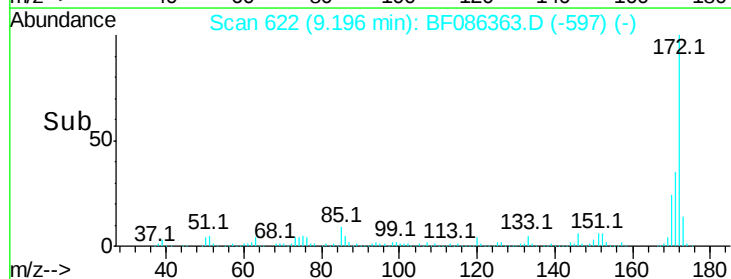
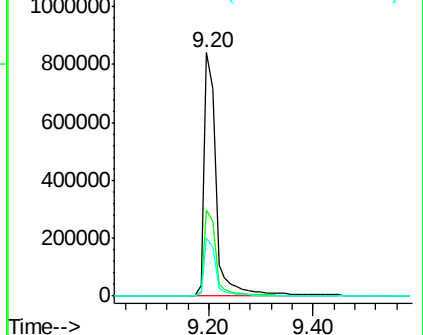


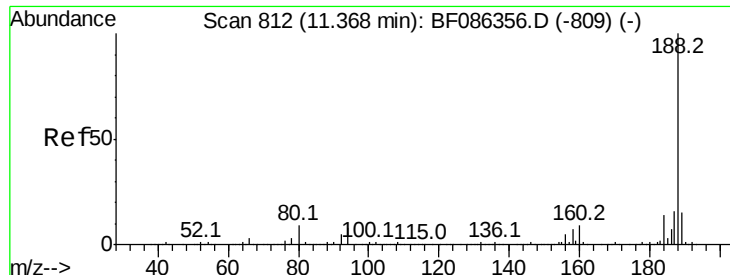
#44
 2-Fluorobiphenyl
 Concen: 67.79 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF086363.D
 Acq: 23 Apr 2016 1:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.6
170	23.9	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

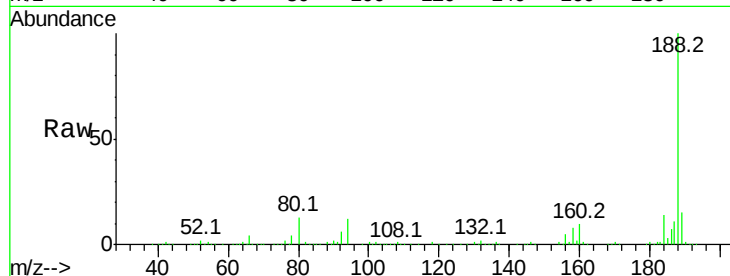




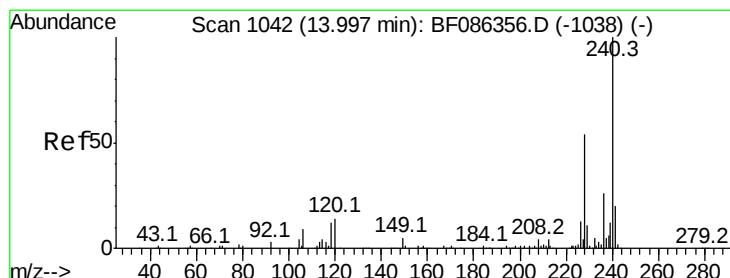
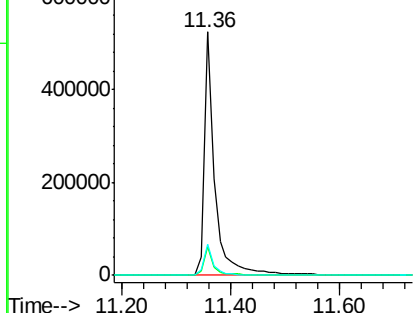
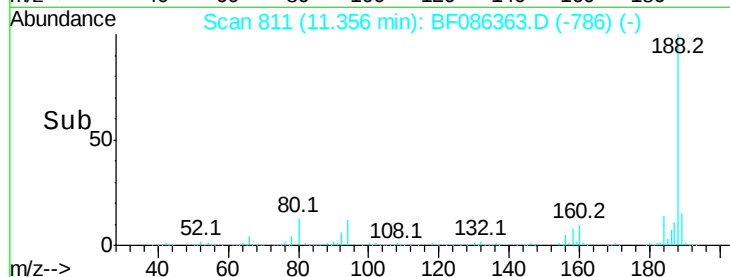
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF086363.D
Acq: 23 Apr 2016 1:25

Instrument :
BNA_F
ClientSampleId :
PB90017BL

Tot Ion:188 Resp: 703115
Ion Ratio Lower Upper
188 100
94 11.8 6.8 10.2#
80 12.7 7.1 10.7#

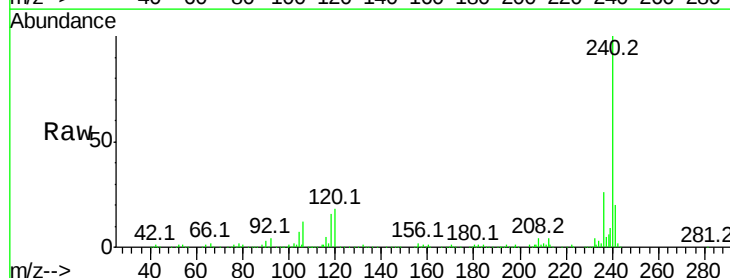


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

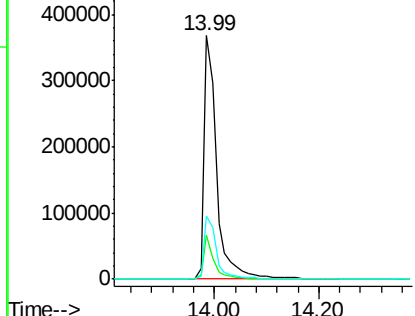
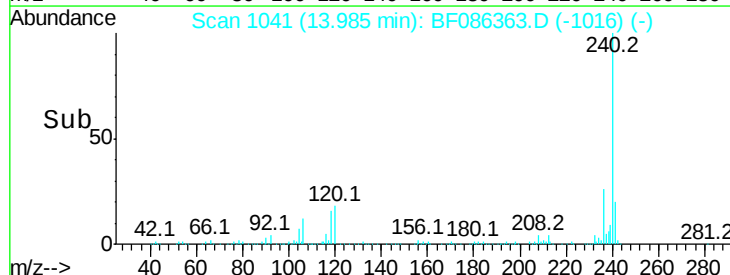


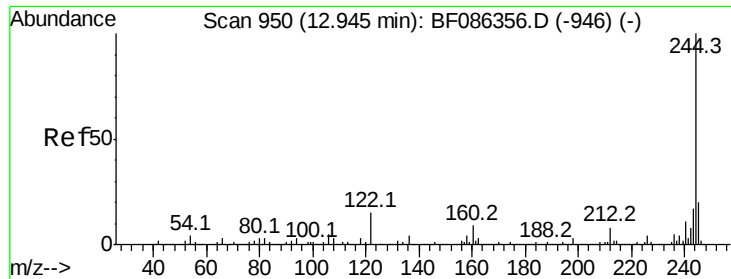
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF086363.D
Acq: 23 Apr 2016 1:25

Tgt Ion:240 Resp: 619714
Ion Ratio Lower Upper
240 100
120 18.3 11.2 16.8#
236 26.1 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



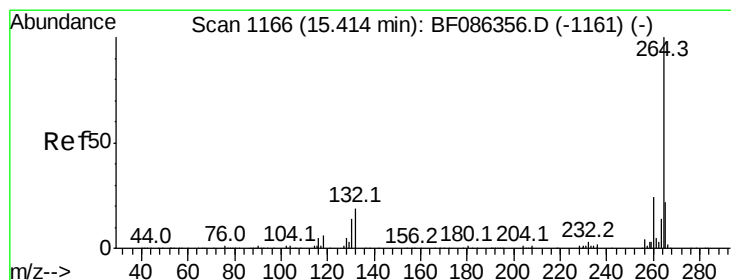
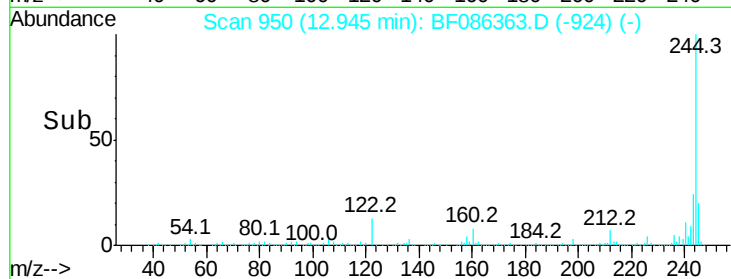
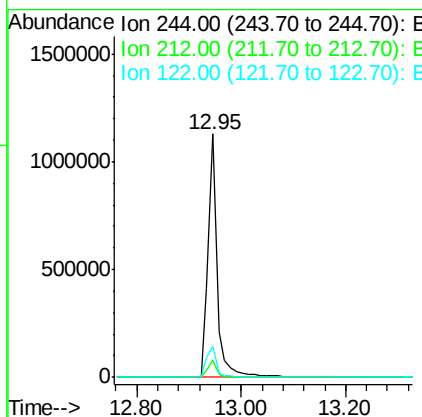
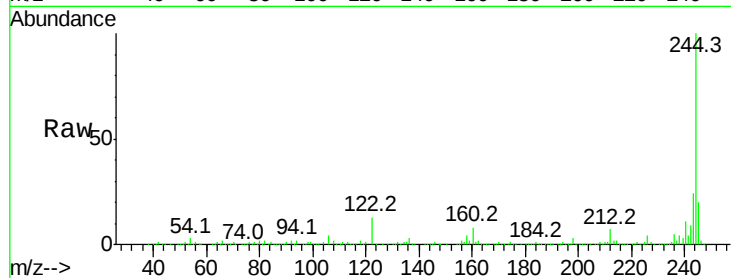


#78
 Terphenyl-d14
 Concen: 55.11 ng
 RT: 12.95 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF086363.D
 Acq: 23 Apr 2016 1:25

Instrument :
 BNA_F
 ClientSampleID :
 PB90017BL

Tot Ion:244 Resp: 1374677

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	12.7	12.0	18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF086363.D
 Acq: 23 Apr 2016 1:25

Tgt Ion:264 Resp: 552307

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.4	17.3	25.9

