

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086397.D
 Acq On : 23 Apr 2016 18:27
 Operator : UM/SJ
 Sample : H2640-27 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(0-5)-C

Quant Time: Apr 25 00:54:50 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

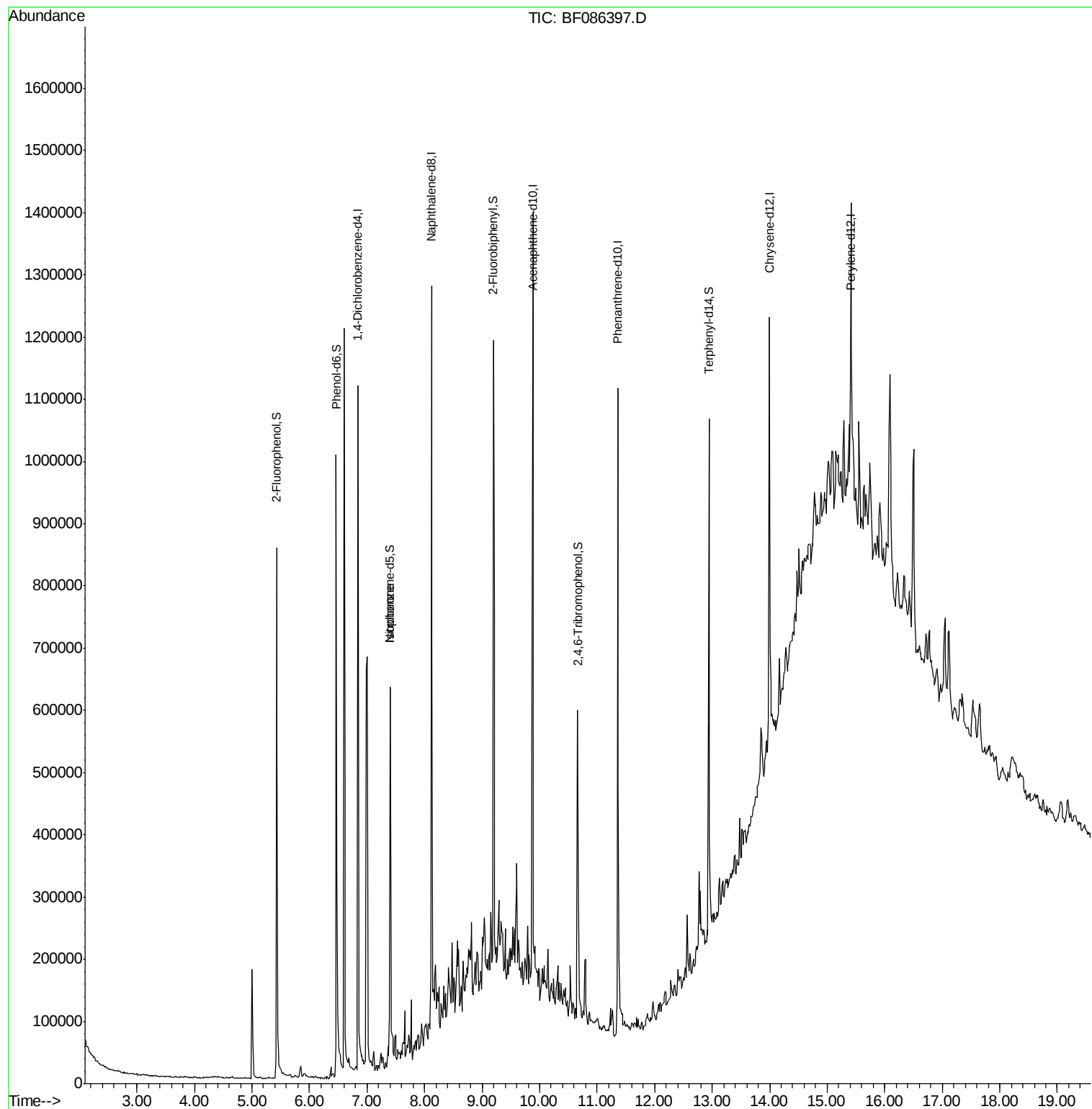
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	180721	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	704079	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	300531	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	501524	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	392640	20.00	ng	0.00
86) Perylene-d12	15.41	264	275588	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	352093	33.65	ng	0.00
7) Phenol-d6	6.46	99	465122	32.69	ng	-0.01
23) Nitrobenzene-d5	7.40	82	264077	22.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	72603	26.69	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	446185	25.34	ng	-0.01
78) Terphenyl-d14	12.95	244	351834	22.26	ng	0.00
Target Compounds						
25) Isophorone	7.40	82	259529	11.14	ng	Qvalue # 69

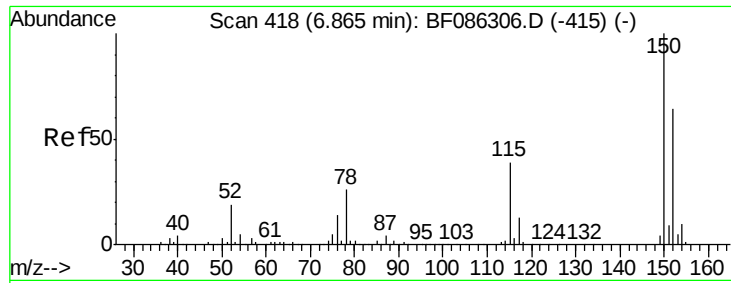
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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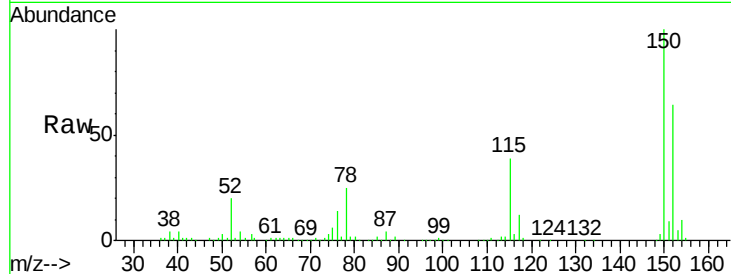


#1

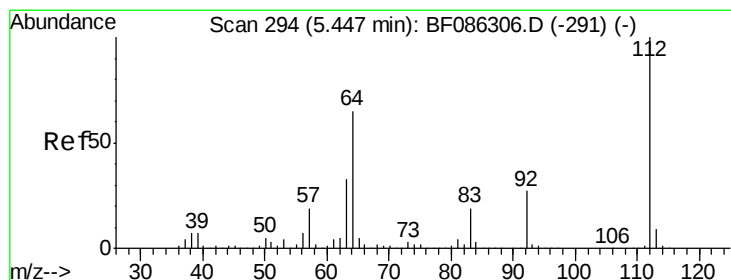
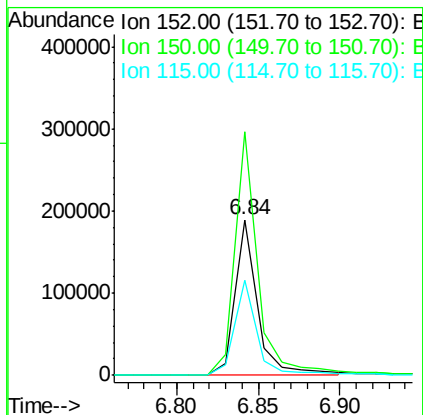
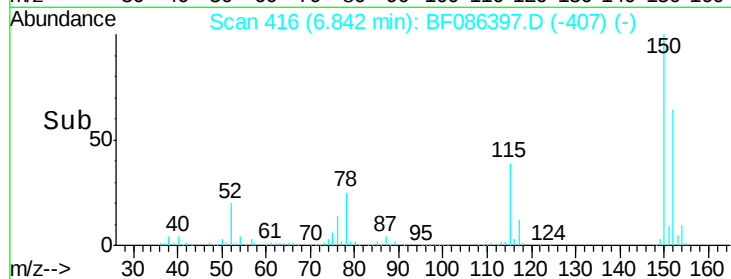
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF086397.D
Acq: 23 Apr 2016 18:27

Instrument :
BNA_F
ClientSampleId :
WPG-B3(0-5)-C

Tgt Ion:152 Resp: 180721
Ion Ratio Lower Upper
152 100
150 156.2 125.8 188.6
115 60.9 51.5 77.3



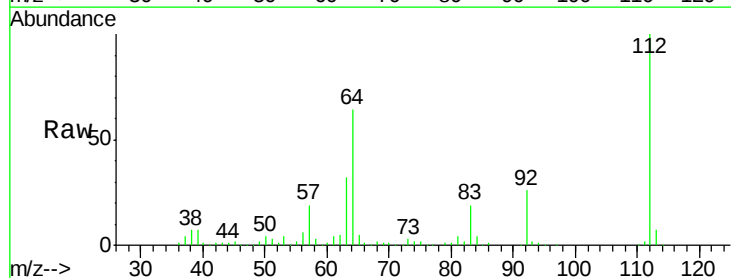
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



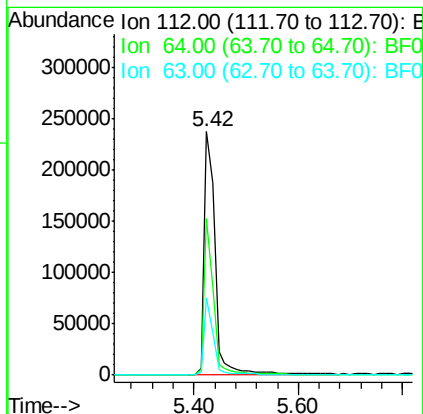
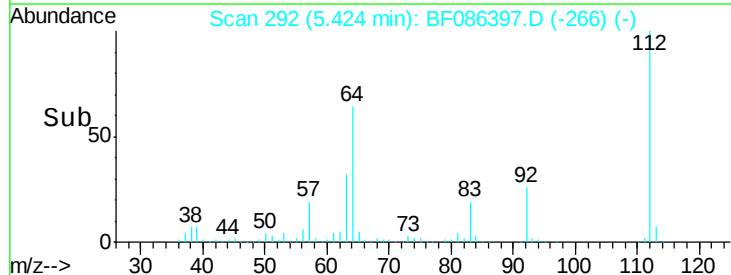
#5

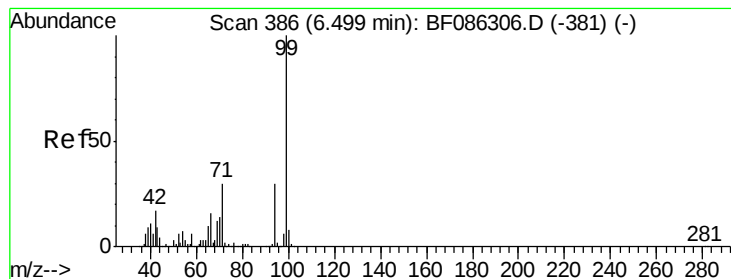
2-Fluorophenol
Concen: 33.65 ng
RT: 5.42 min Scan# 292
Delta R.T. 0.00 min
Lab File: BF086397.D
Acq: 23 Apr 2016 18:27

Tgt Ion:112 Resp: 352093
Ion Ratio Lower Upper
112 100
64 64.3 52.1 78.1
63 31.9 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: 32.69 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF086397.D

Acq: 23 Apr 2016 18:27

Instrument :

BNA_F

ClientSampleId :

WPG-B3(0-5)-C

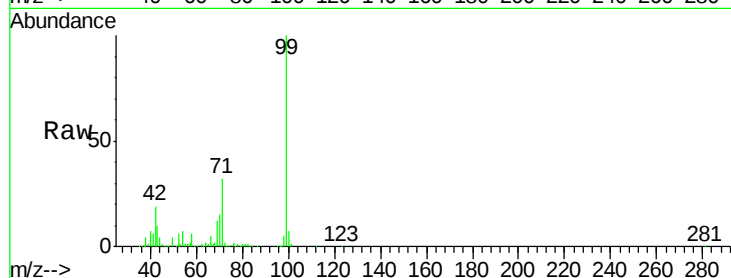
Tgt Ion: 99 Resp: 465122

Ion Ratio Lower Upper

99 100

42 18.8 13.6 20.4

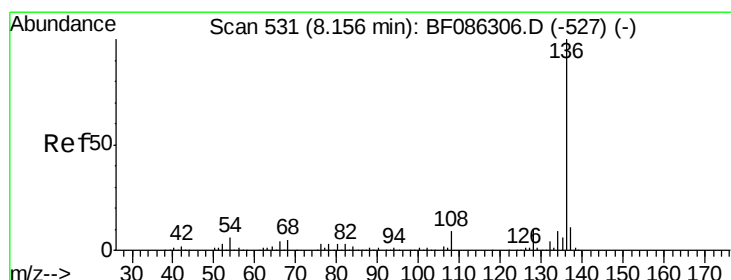
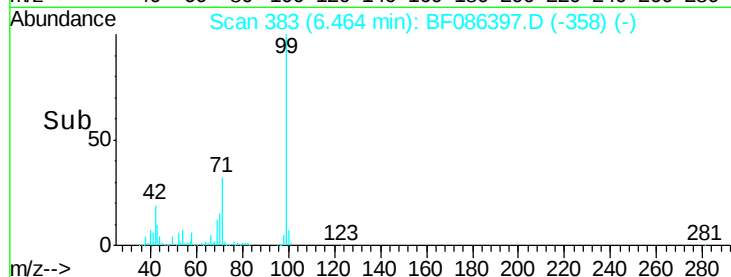
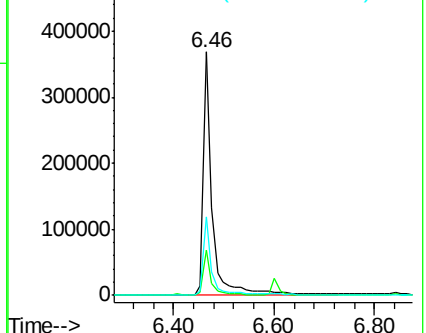
71 32.0 24.6 36.8



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: BF086397.D

Acq: 23 Apr 2016 18:27

Tgt Ion: 136 Resp: 704079

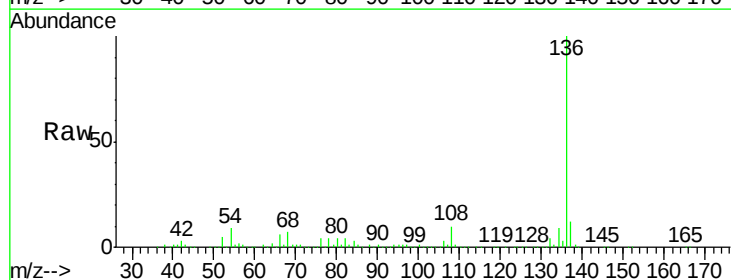
Ion Ratio Lower Upper

136 100

137 11.7 8.8 13.2

54 9.5 5.0 7.4#

68 7.4 4.4 6.6#

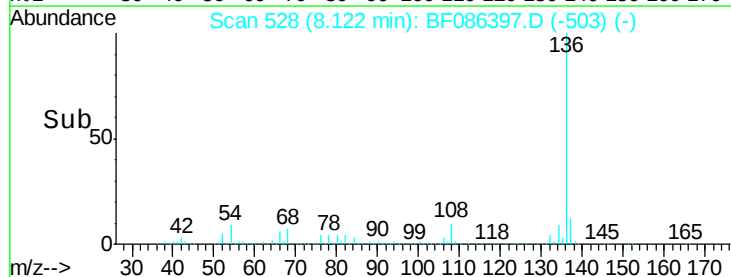
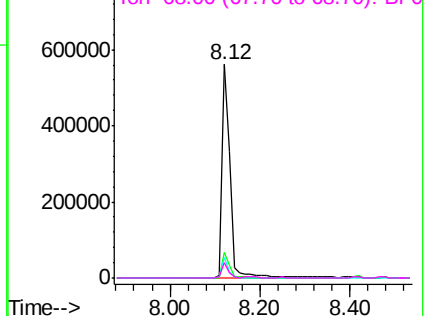


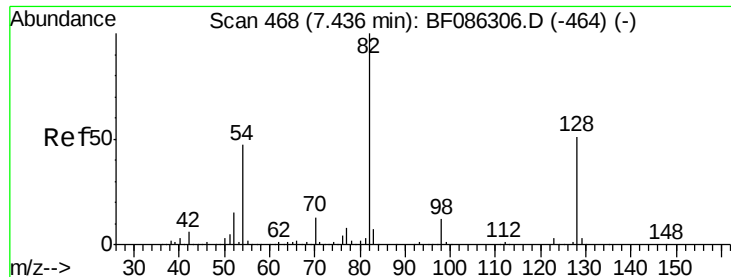
Abundance Ion 136.00 (135.70 to 136.70): E

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: 22.22 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF086397.D

Acq: 23 Apr 2016 18:27

Instrument :

BNA_F

ClientSampleId :

WPG-B3(0-5)-C

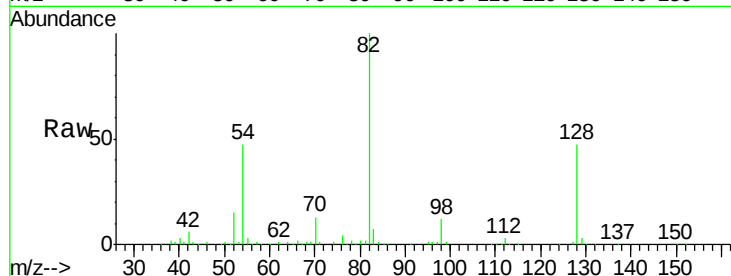
Tgt Ion: 82 Resp: 264077

Ion Ratio Lower Upper

82 100

128 46.7 40.6 61.0

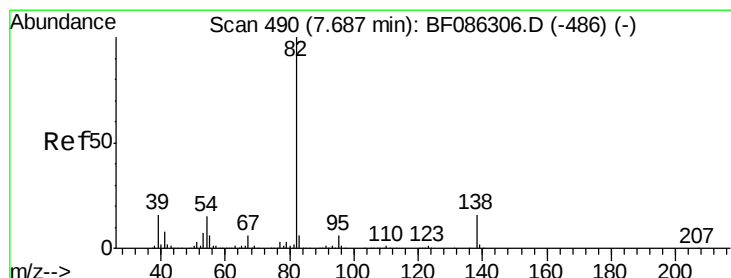
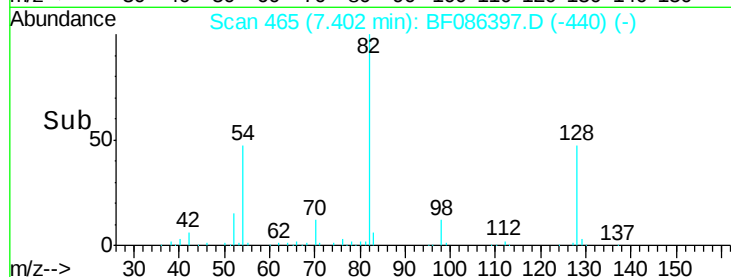
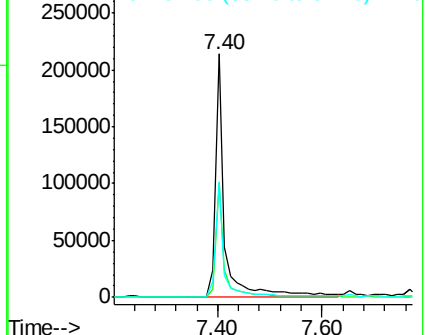
54 47.4 38.1 57.1



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



#25

Isophorone

Concen: 11.14 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.26 min

Lab File: BF086397.D

Acq: 23 Apr 2016 18:27

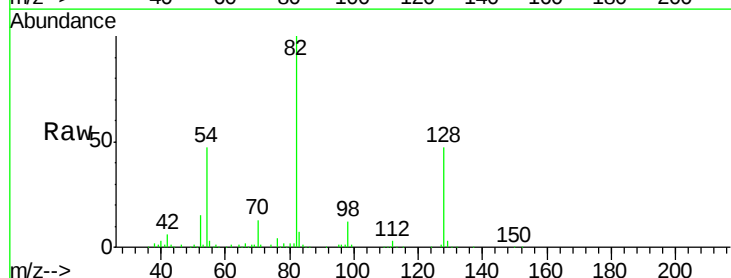
Tgt Ion: 82 Resp: 259529

Ion Ratio Lower Upper

82 100

95 0.6 5.1 7.7#

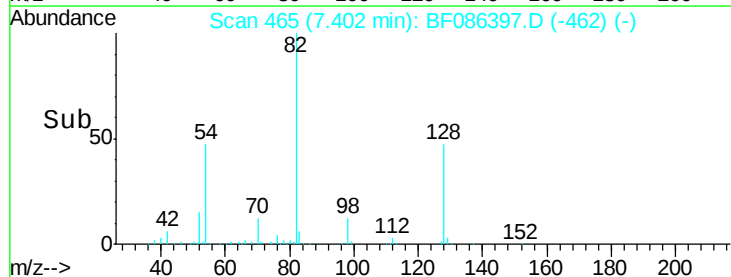
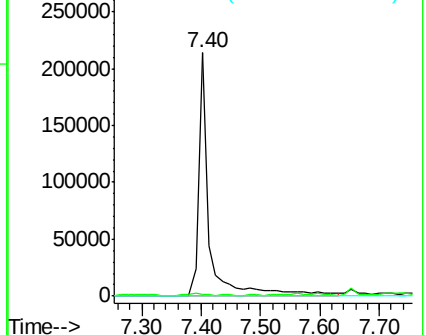
138 0.0 12.4 18.6#

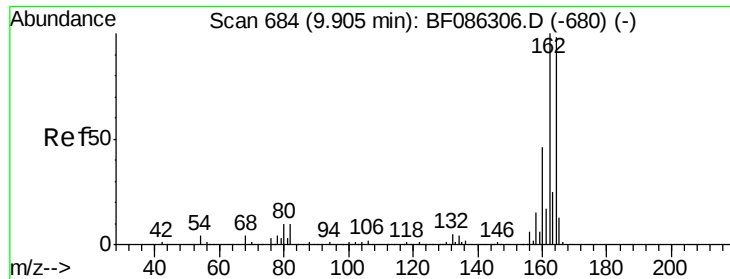


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF086397.D

Acq: 23 Apr 2016 18:27

Instrument :

BNA_F

ClientSampleId :

WPG-B3(0-5)-C

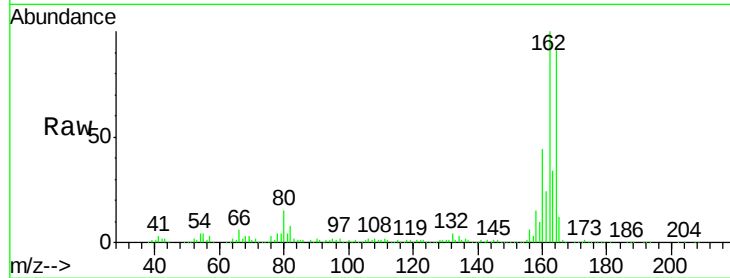
Tgt Ion:164 Resp: 300531

Ion Ratio Lower Upper

164 100

162 107.3 82.8 124.2

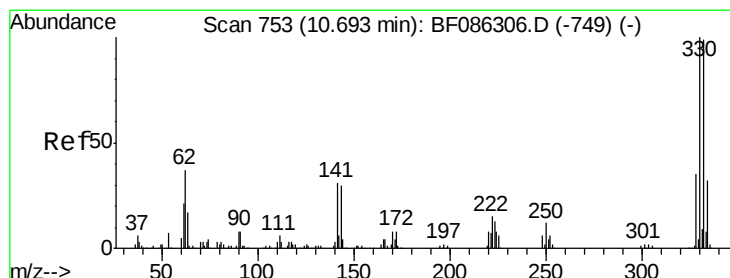
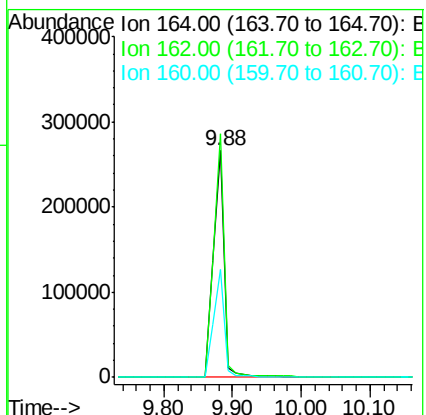
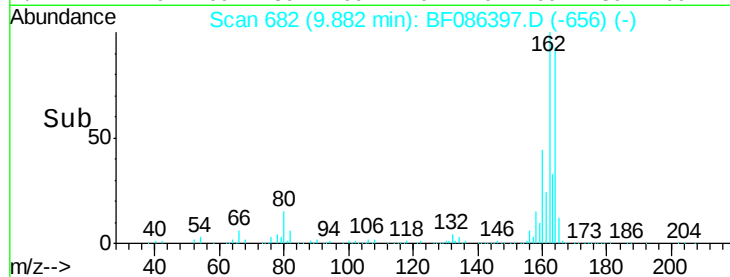
160 47.6 36.9 55.3



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: 26.69 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF086397.D

Acq: 23 Apr 2016 18:27

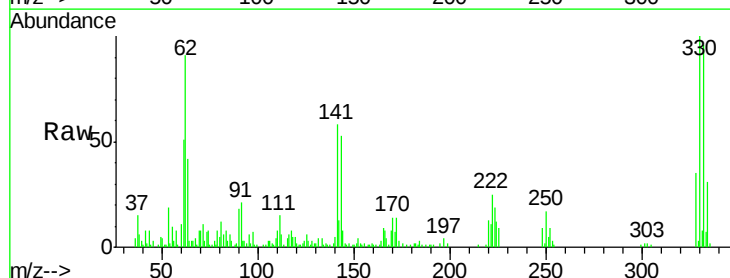
Tgt Ion:330 Resp: 72603

Ion Ratio Lower Upper

330 100

332 96.6 79.0 118.4

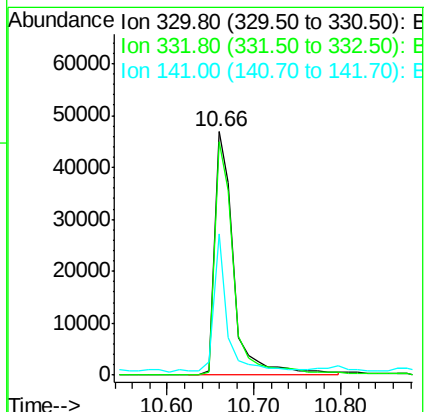
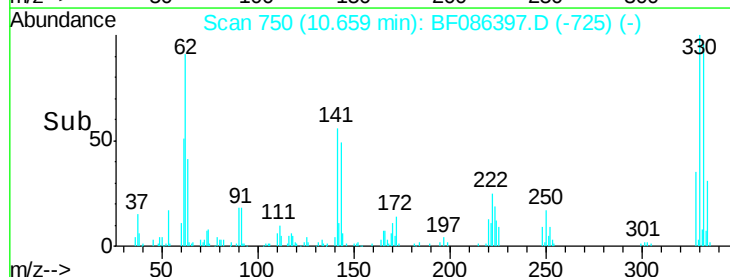
141 42.3 31.2 46.8

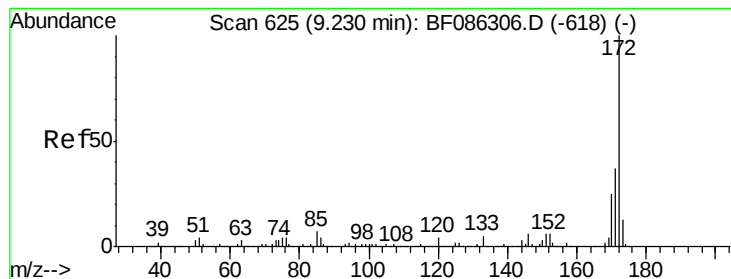


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

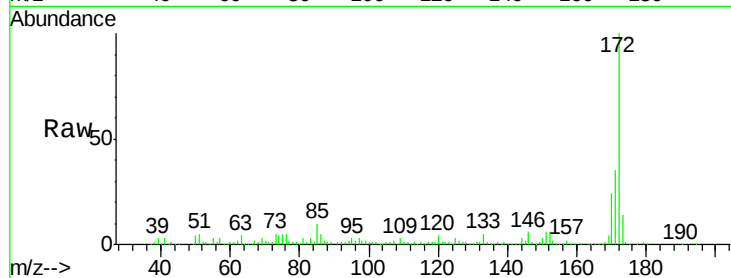




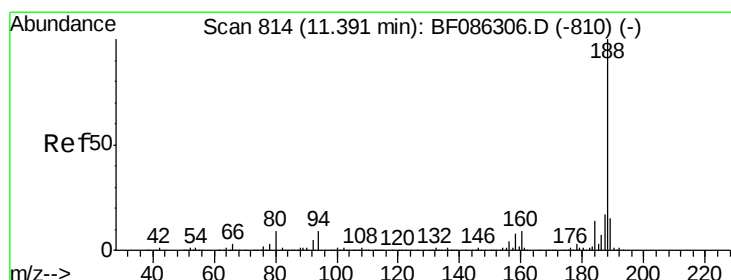
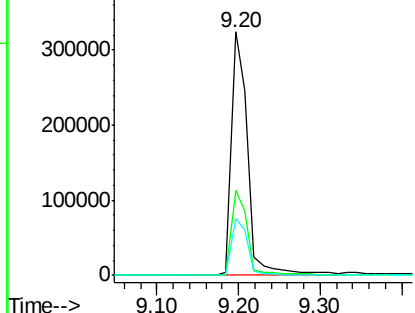
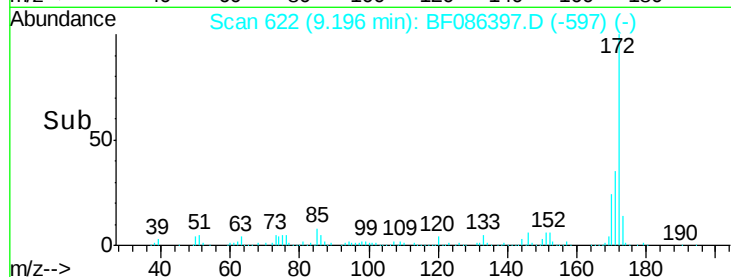
#44
 2-Fluorobiphenyl
 Concen: 25.34 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF086397.D
 Acq: 23 Apr 2016 18:27

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(0-5)-C

Tgt Ion:172 Resp: 446185
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.0 43.6
 170 23.6 19.8 29.8

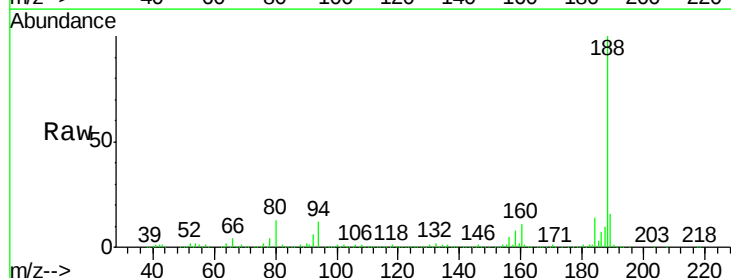


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

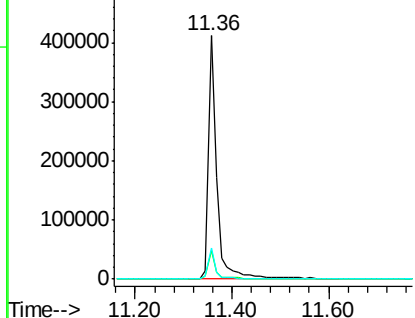
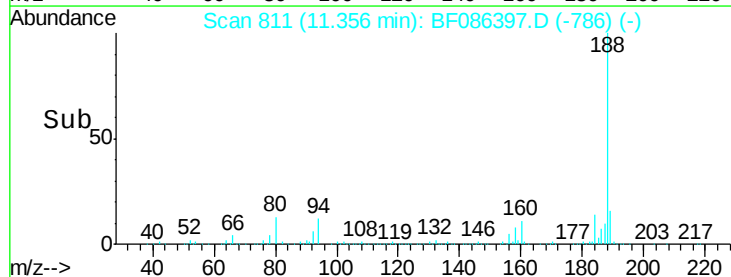


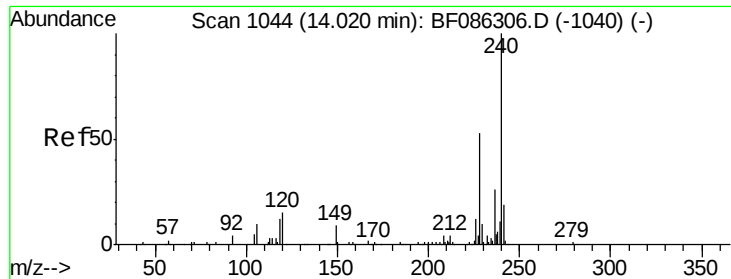
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF086397.D
 Acq: 23 Apr 2016 18:27

Tgt Ion:188 Resp: 501524
 Ion Ratio Lower Upper
 188 100
 94 11.6 6.8 10.2#
 80 12.8 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: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF086397.D

Acq: 23 Apr 2016 18:27

Instrument :

BNA_F

ClientSampleId :

WPG-B3(0-5)-C

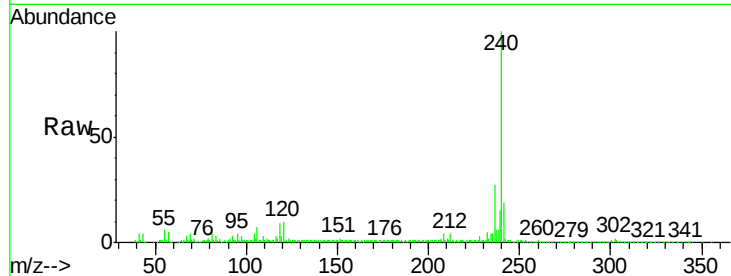
Tgt Ion:240 Resp: 392640

Ion Ratio Lower Upper

240 100

120 10.3 11.2 16.8#

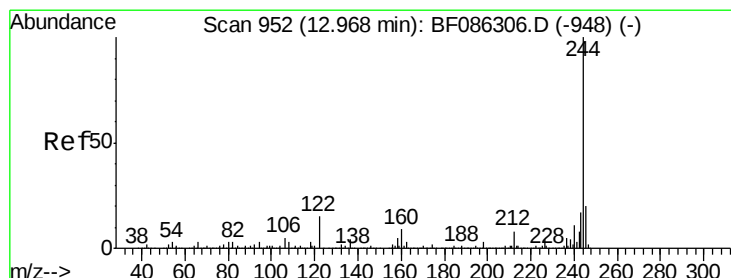
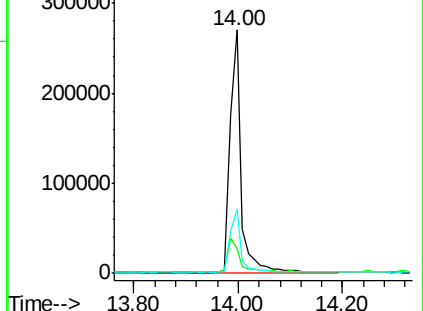
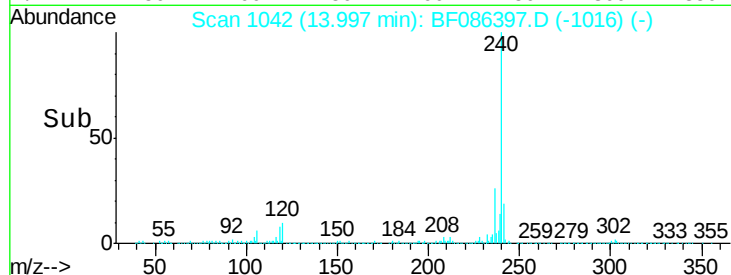
236 26.6 21.2 31.8



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: 22.26 ng

RT: 12.95 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF086397.D

Acq: 23 Apr 2016 18:27

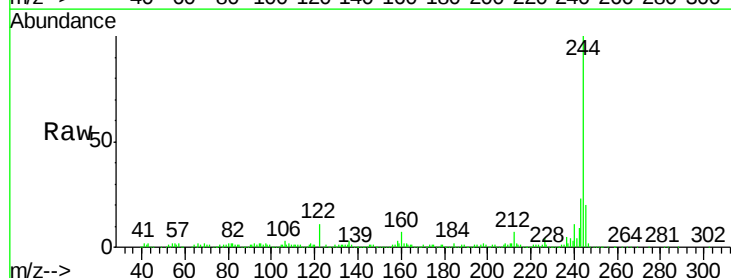
Tgt Ion:244 Resp: 351834

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.2

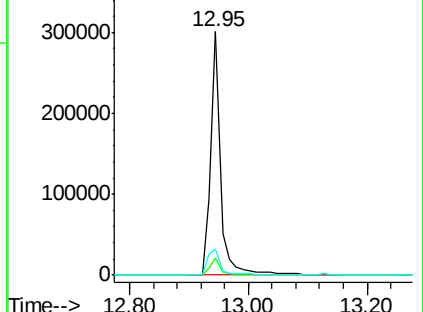
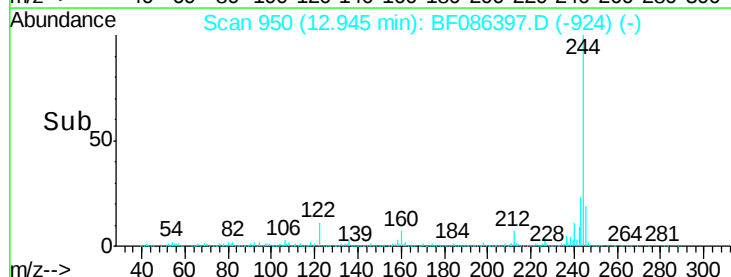
122 10.8 12.0 18.0#

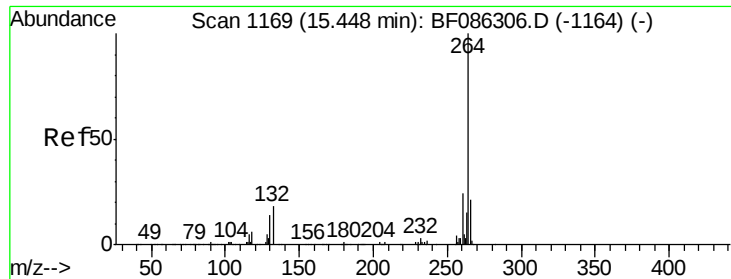


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF086397.D
Acq: 23 Apr 2016 18:27

Instrument :
BNA_F
ClientSampleId :
WPG-B3(0-5)-C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.5	17.3	25.9

