

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086389.D
 Acq On : 23 Apr 2016 14:35
 Operator : UM/SJ
 Sample : H2640-13
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B12(5-9.5)-C

Quant Time: Apr 25 05:30:00 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

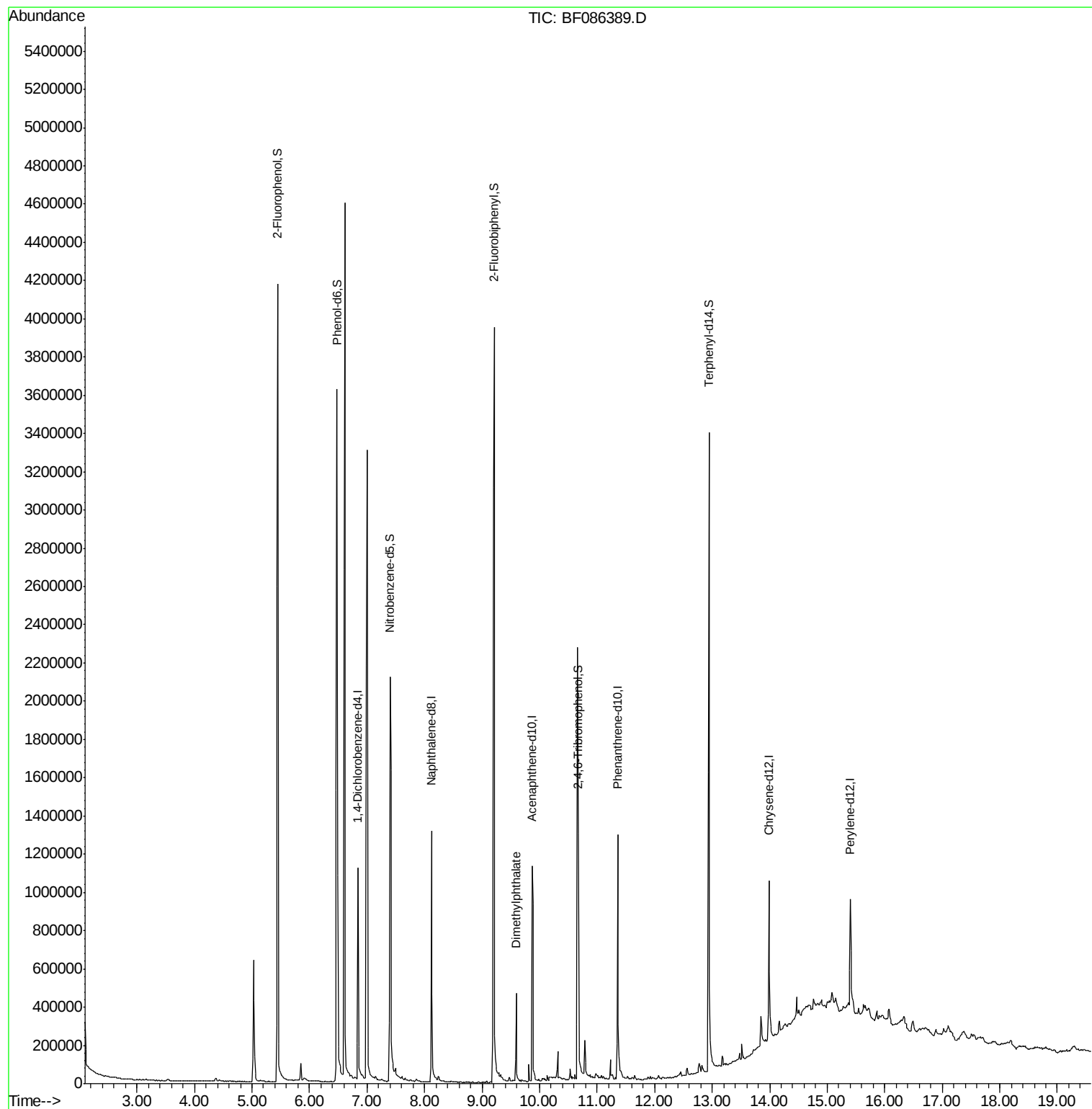
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	191922	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	750278	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	332554	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	571383	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	397711	20.00	ng	-0.01
86) Perylene-d12	15.40	264	336649	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1493829	134.42	ng	0.02
7) Phenol-d6	6.48	99	1769118	117.09	ng	0.00
23) Nitrobenzene-d5	7.40	82	1169848	92.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	373321	124.01	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1912322	98.13	ng	0.00
78) Terphenyl-d14	12.94	244	1302122	81.35	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.60	163	211825	8.82	ng	Qvalue 99

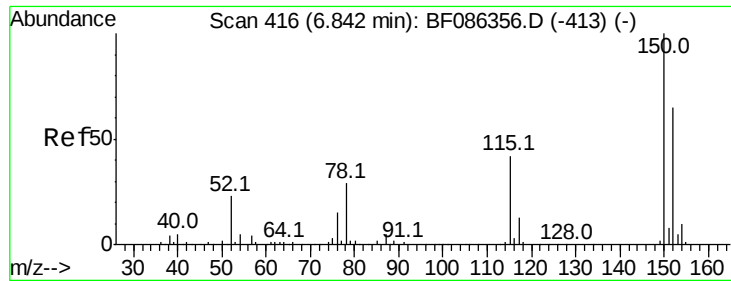
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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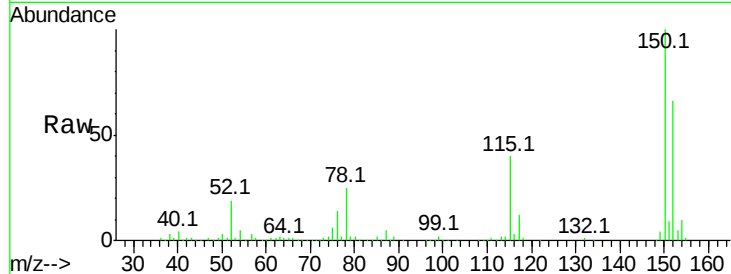


#1

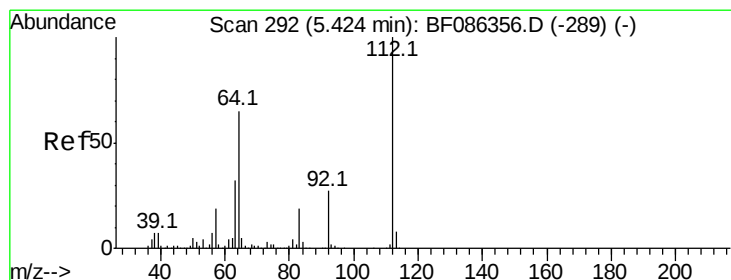
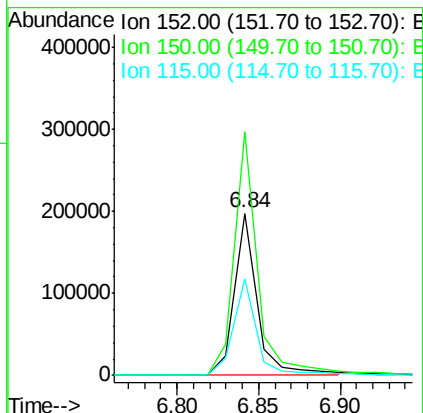
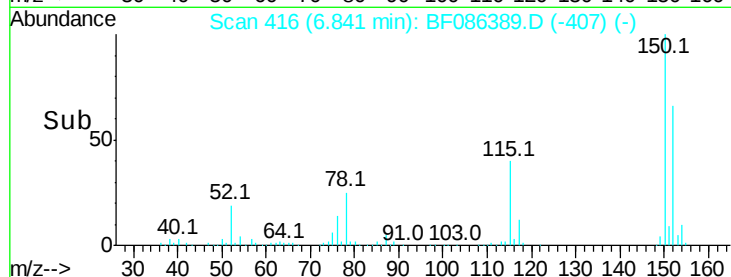
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF086389.D
Acq: 23 Apr 2016 14:35

Instrument :
BNA_F
ClientSampleId :
WPG-B12(5-9.5)-C

Tot Ion:152 Resp: 191922
Ion Ratio Lower Upper
152 100
150 150.5 125.8 188.6
115 60.0 51.5 77.3



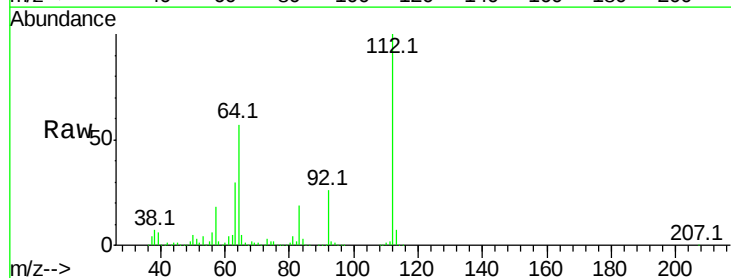
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



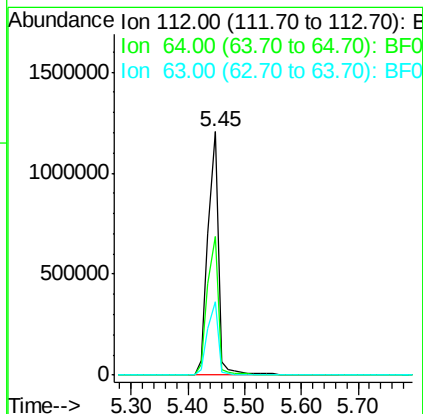
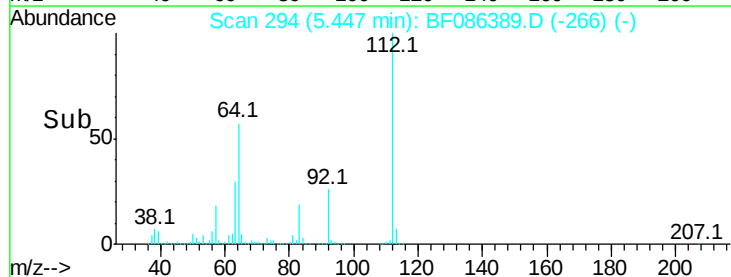
#5

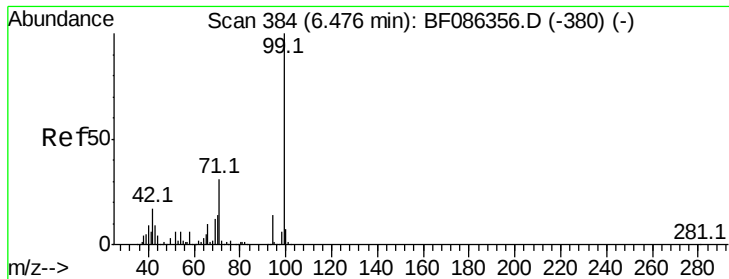
2-Fluorophenol
Concen: 134.42 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.02 min
Lab File: BF086389.D
Acq: 23 Apr 2016 14:35

Tgt Ion:112 Resp: 1493829
Ion Ratio Lower Upper
112 100
64 57.1 52.1 78.1
63 30.2 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: 117.09 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF086389.D

Acq: 23 Apr 2016 14:35

Instrument :

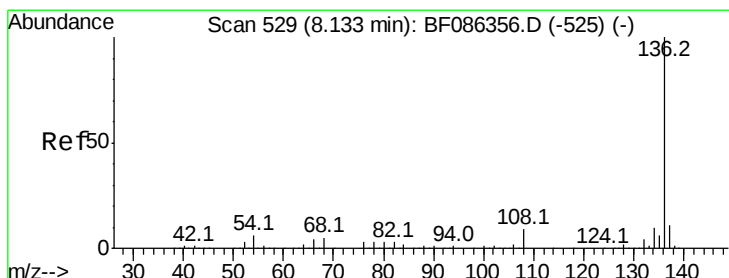
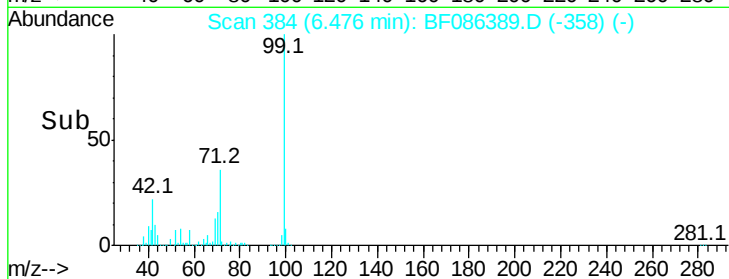
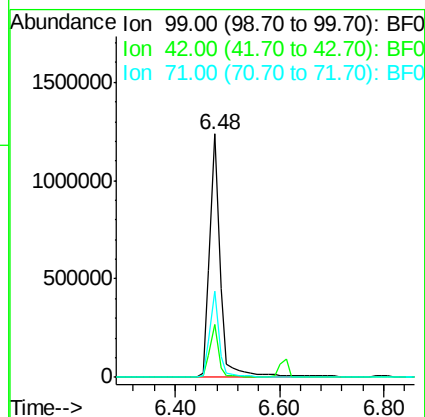
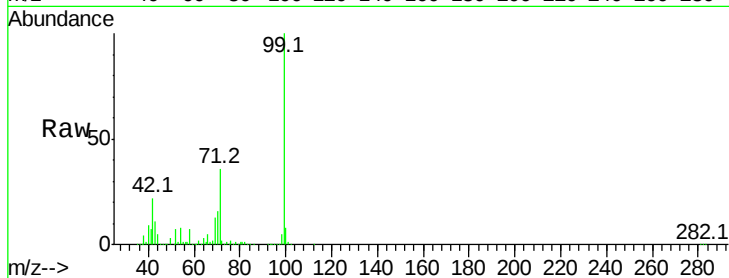
BNA_F

ClientSampleId :

WPG-B12(5-9.5)-C

Tot Ion: 99 Resp: 1769118

Ion	Ratio	Lower	Upper
99	100		
42	21.7	13.6	20.4#
71	35.6	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

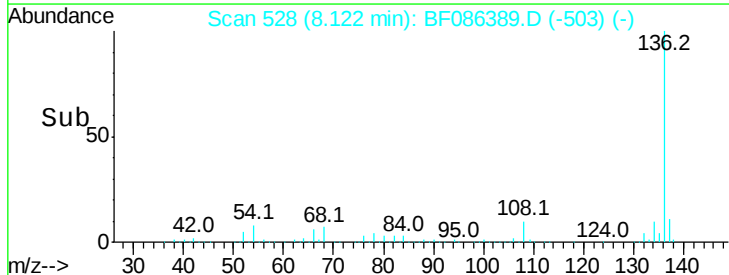
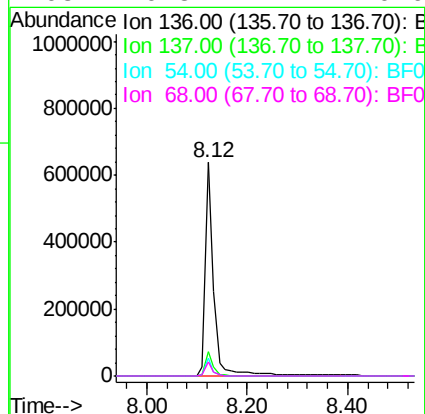
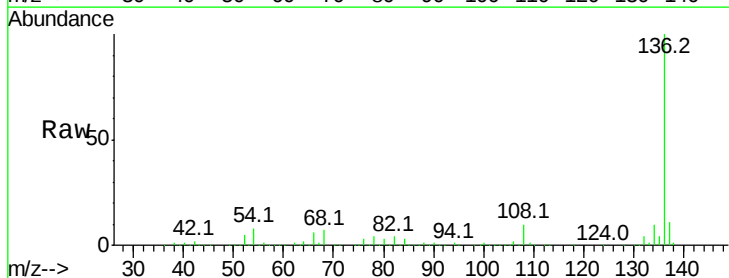
Delta R.T. -0.01 min

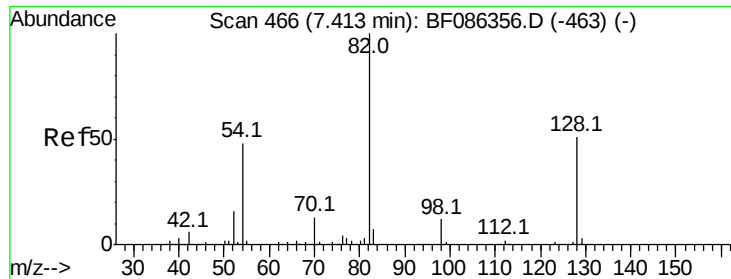
Lab File: BF086389.D

Acq: 23 Apr 2016 14:35

Tgt Ion: 136 Resp: 750278

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	8.4	5.0	7.4#
68	6.8	4.4	6.6#



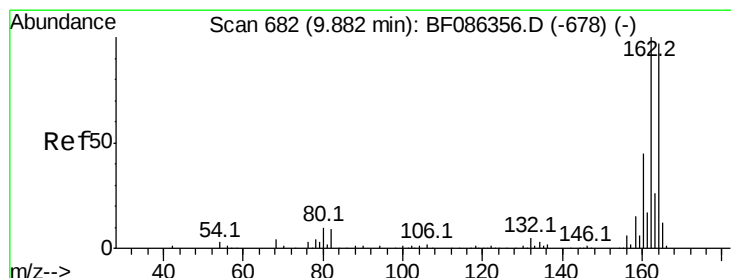
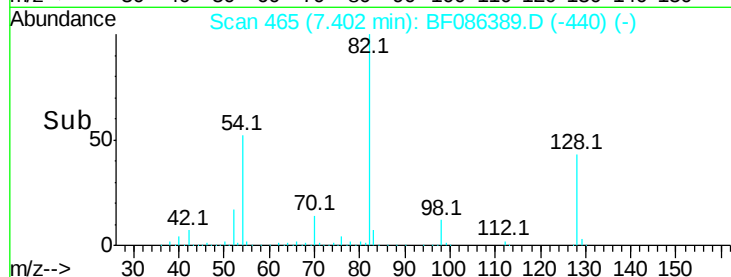
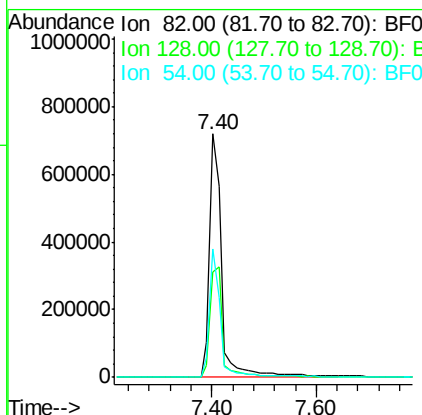
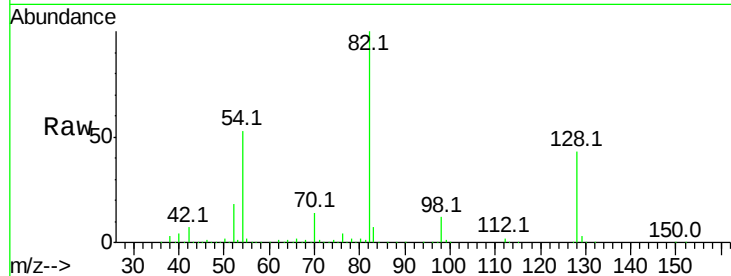


#23
 Nitrobenzene-d5
 Concen: 92.37 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF086389.D
 Acq: 23 Apr 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B12(5-9.5)-C

Tot Ion: 82 Resp: 1169848

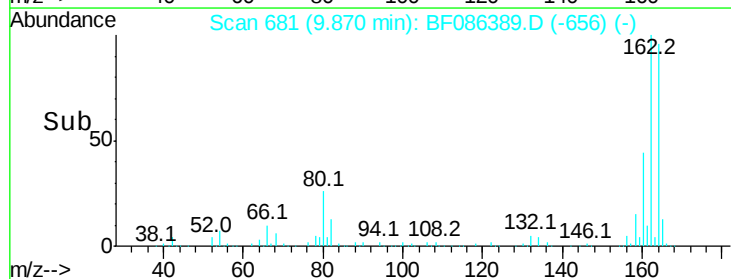
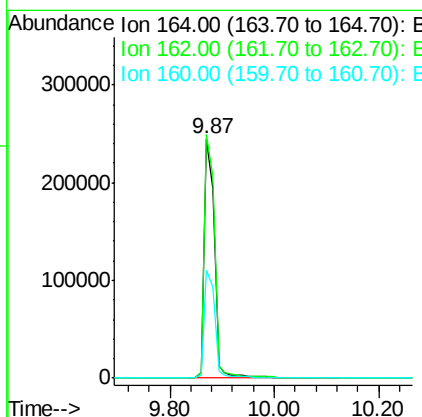
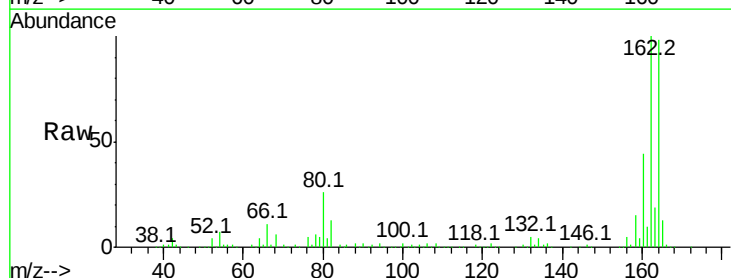
Ion	Ratio	Lower	Upper
82	100		
128	43.1	40.6	61.0
54	52.5	38.1	57.1

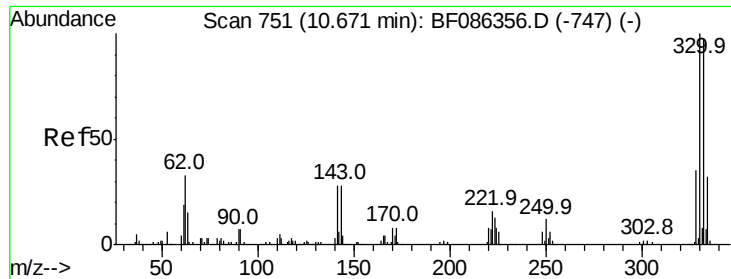


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF086389.D
 Acq: 23 Apr 2016 14:35

Tgt Ion:164 Resp: 332554

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.8	124.2
160	45.4	36.9	55.3

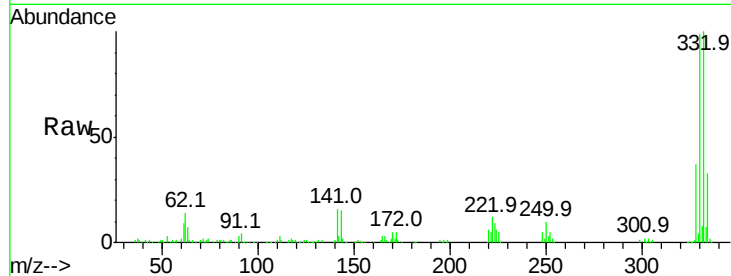




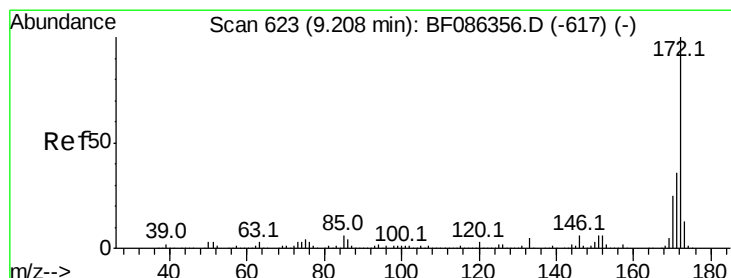
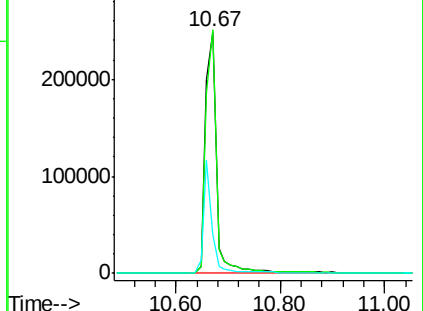
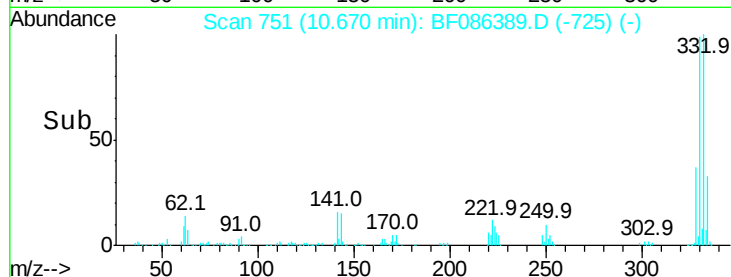
#41
 2,4,6-Tribromophenol
 Concen: 124.01 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF086389.D
 Acq: 23 Apr 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B12(5-9.5)-C

Tot Ion:330 Resp: 373321
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.0 118.4
 141 35.7 31.2 46.8

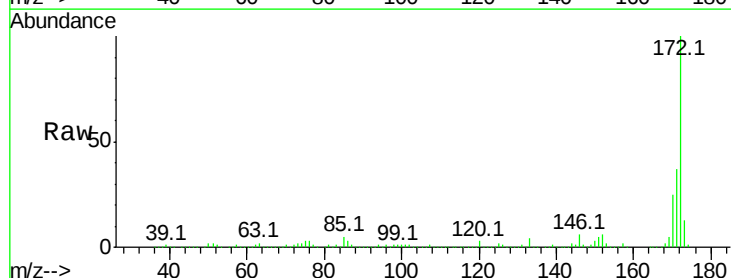


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

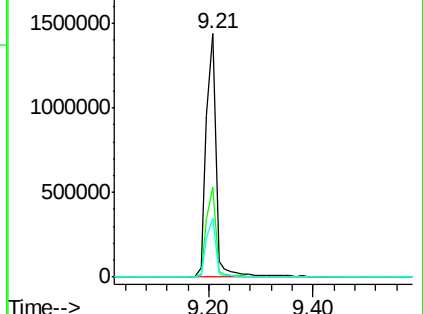
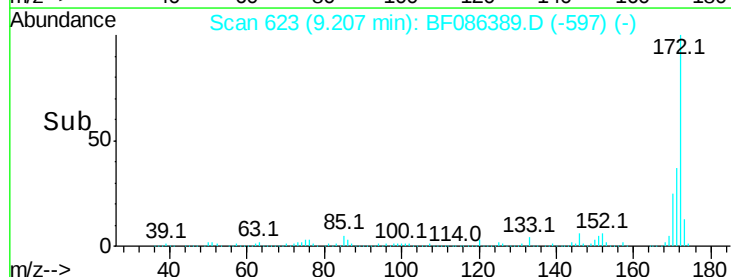


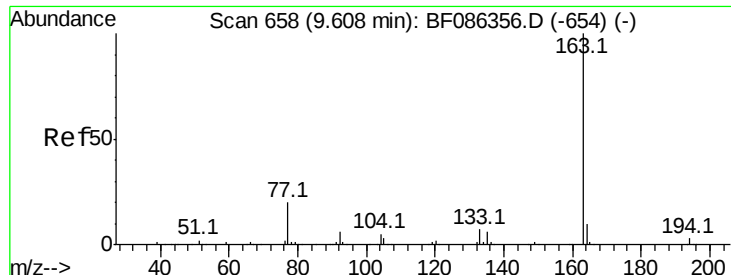
#44
 2-Fluorobiphenyl
 Concen: 98.13 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086389.D
 Acq: 23 Apr 2016 14:35

Tgt Ion:172 Resp: 1912322
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.6
 170 24.6 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





#49

Dimethylphthalate

Concen: 8.82 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF086389.D

Acq: 23 Apr 2016 14:35

Instrument :

BNA_F

ClientSampleId :

WPG-B12(5-9.5)-C

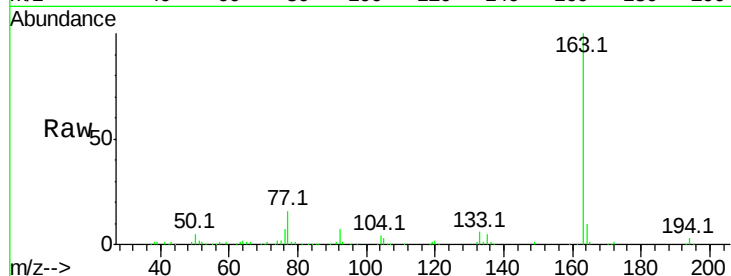
Tot Ion:163 Resp: 211825

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

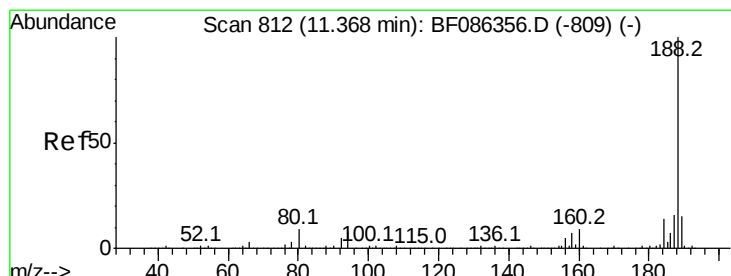
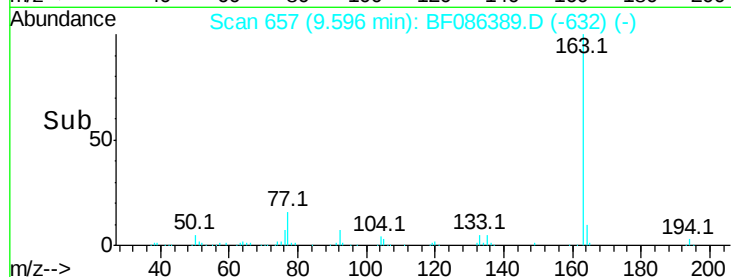
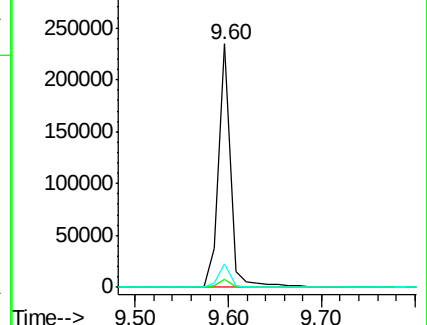
164 9.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086389.D

Acq: 23 Apr 2016 14:35

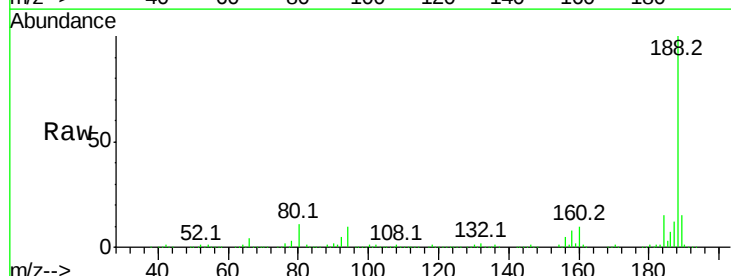
Tgt Ion:188 Resp: 571383

Ion Ratio Lower Upper

188 100

94 9.9 6.8 10.2

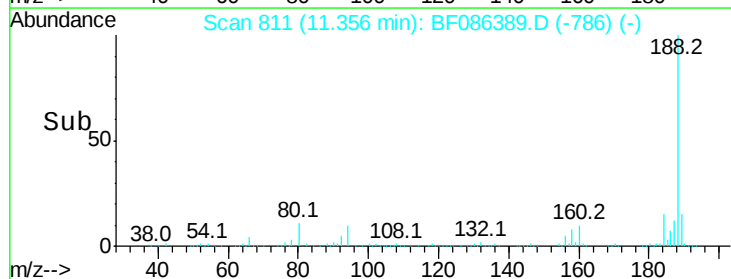
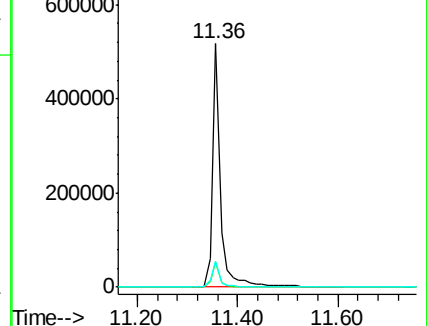
80 10.5 7.1 10.7

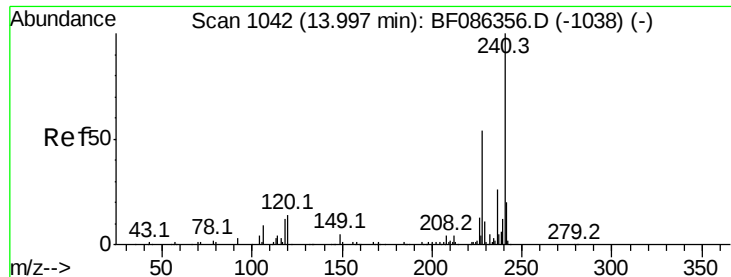


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF086389.D

Acq: 23 Apr 2016 14:35

Instrument :

BNA_F

ClientSampleId :

WPG-B12(5-9.5)-C

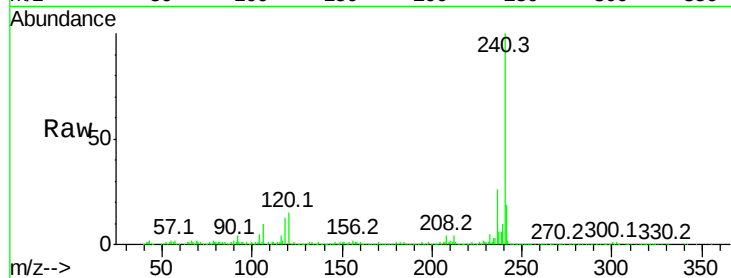
Tot Ion:240 Resp: 397711

Ion Ratio Lower Upper

240 100

120 15.1 11.2 16.8

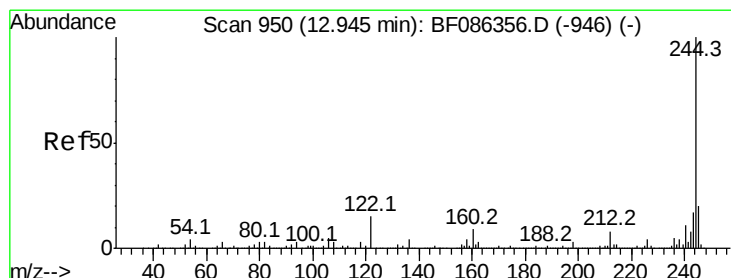
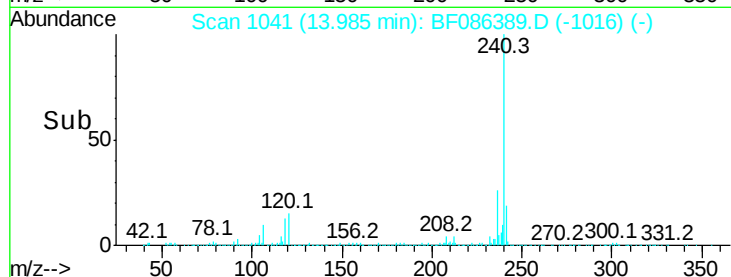
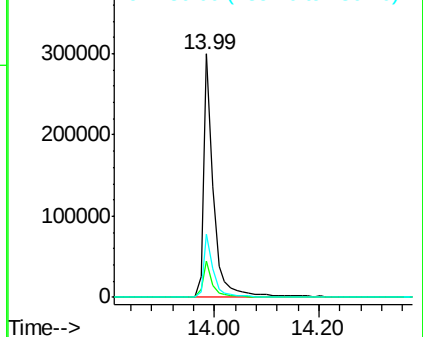
236 25.9 21.2 31.8



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: 81.35 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF086389.D

Acq: 23 Apr 2016 14:35

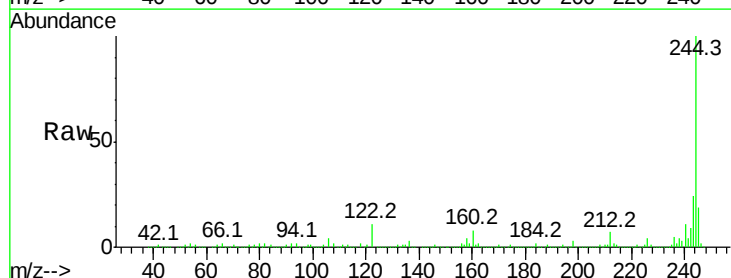
Tgt Ion:244 Resp: 1302122

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

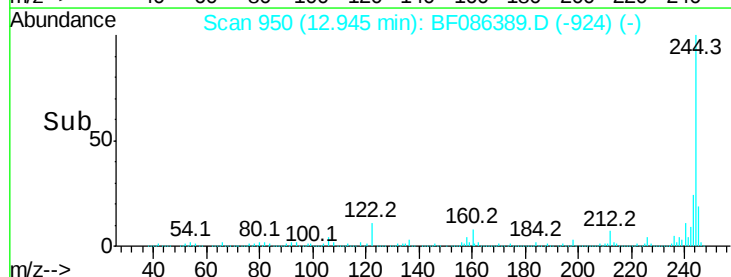
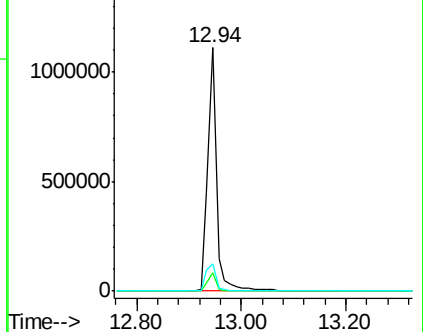
122 11.4 12.0 18.0#

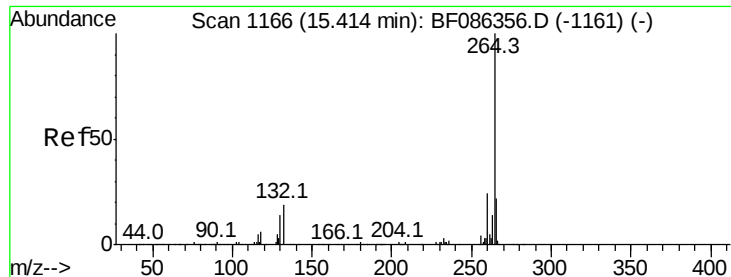


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

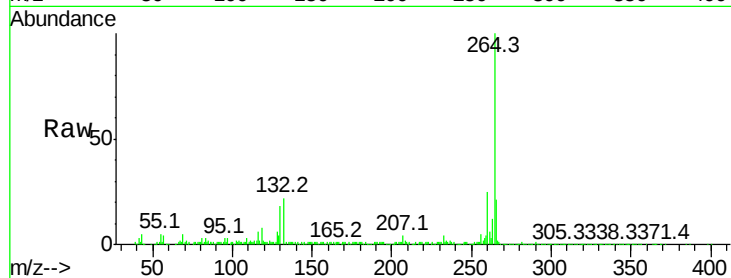




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF086389.D
 Acq: 23 Apr 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B12(5-9.5)-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.4	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

