

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101146.D
 Acq On : 6 Dec 2017 1:59
 Operator : SJ/JU
 Sample : I6702-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-3-E(4-5)

Quant Time: Dec 06 03:54:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

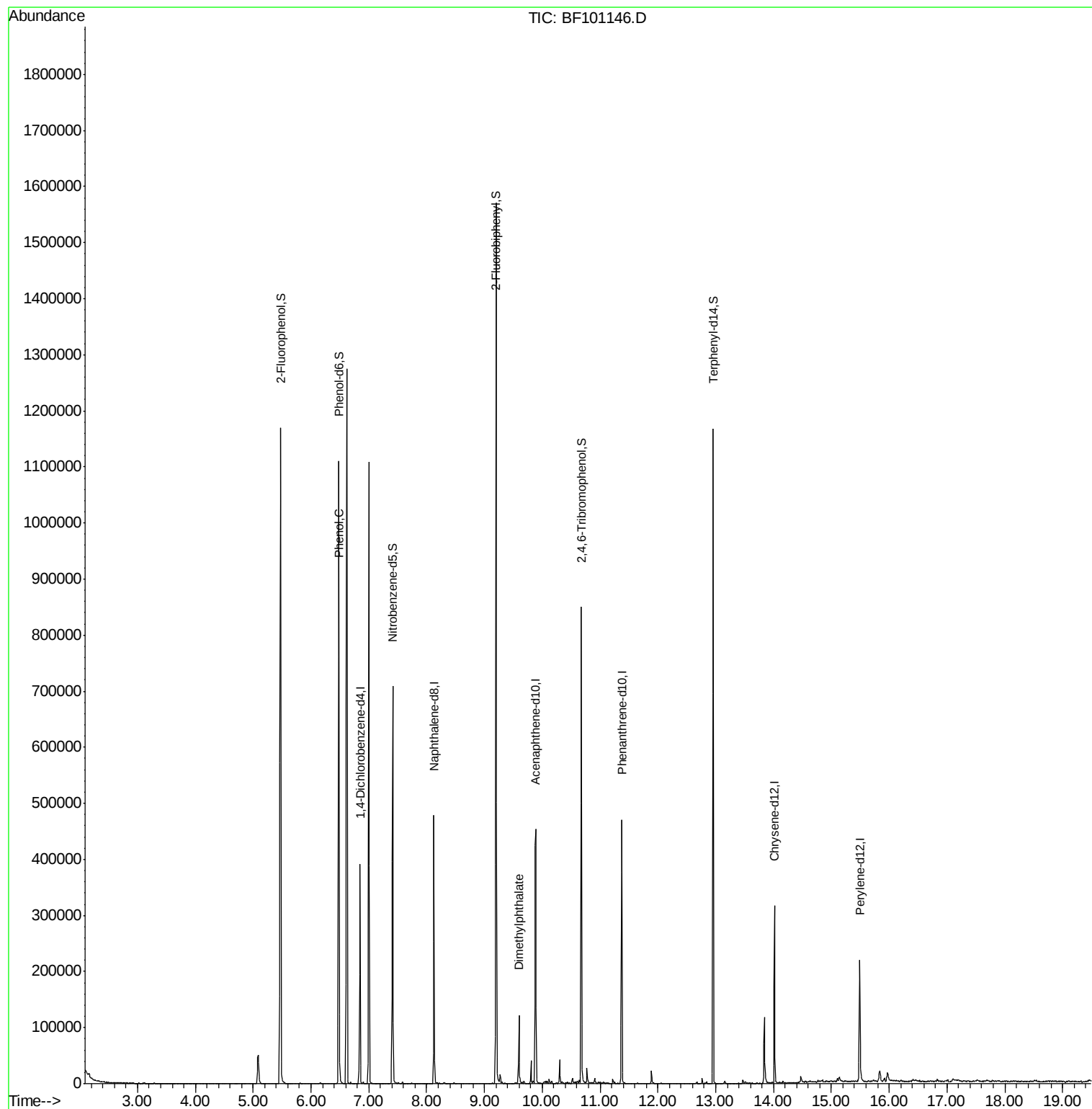
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53352	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	209014	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	95002	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	172608	20.00	ng	0.00
75) Chrysene-d12	14.02	240	109043	20.00	ng	0.00
86) Perylene-d12	15.49	264	113371	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	343155	106.28	ng	0.01
7) Phenol-d6	6.48	99	415323	105.95	ng	0.00
23) Nitrobenzene-d5	7.42	82	254307	72.58	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	109092	95.59	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	488416	70.34	ng	0.00
78) Terphenyl-d14	12.96	244	378644	75.95	ng	0.00
Target Compounds						
10) Phenol	6.49	94	12875	2.954	ng	94
49) Dimethylphthalate	9.60	163	56557	7.382	ng	99

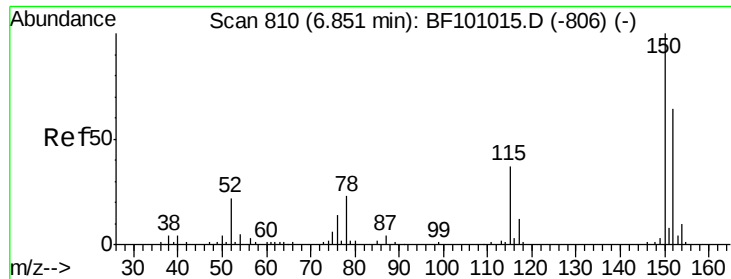
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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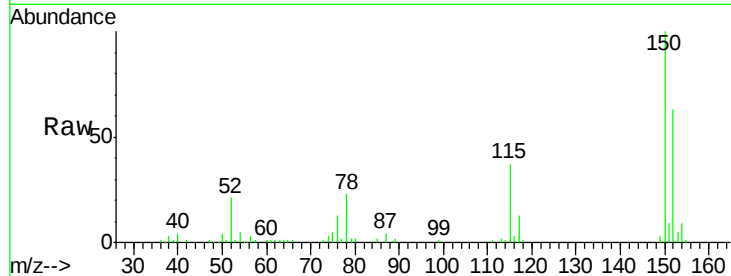


#1

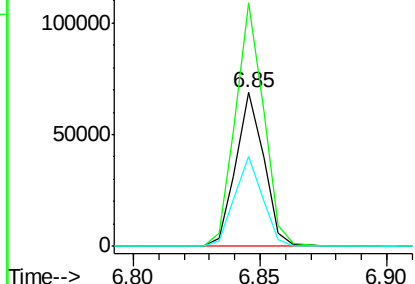
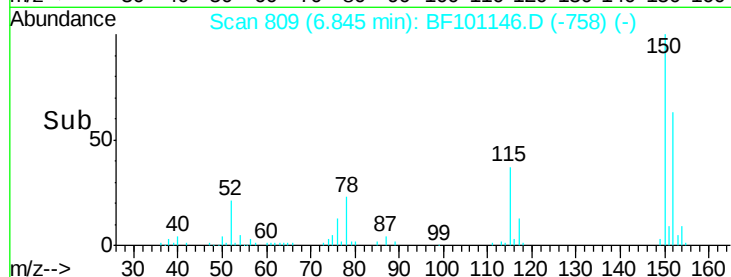
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101146.D
Acq: 6 Dec 2017 1:59

Instrument :
BNA_F
ClientSampleId :
MH-3-E(4-5)

Tot Ion	152	Resp	53352
Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	58.9	50.1	75.1



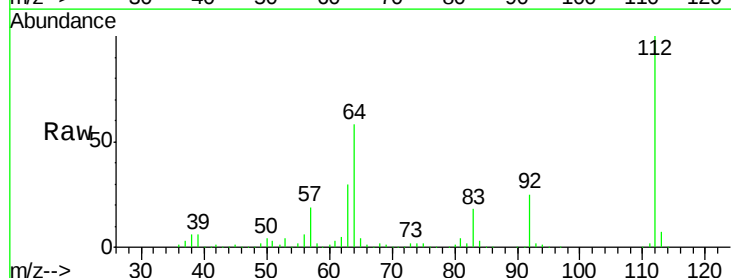
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



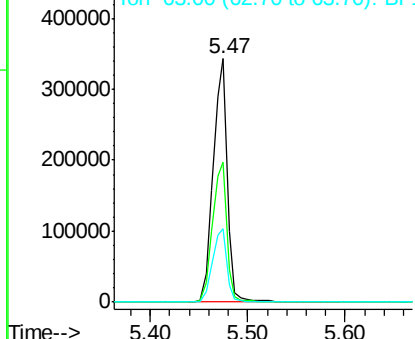
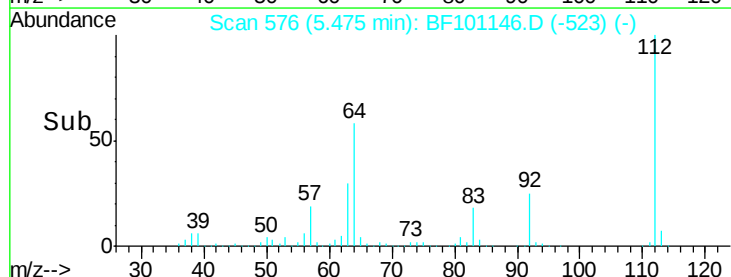
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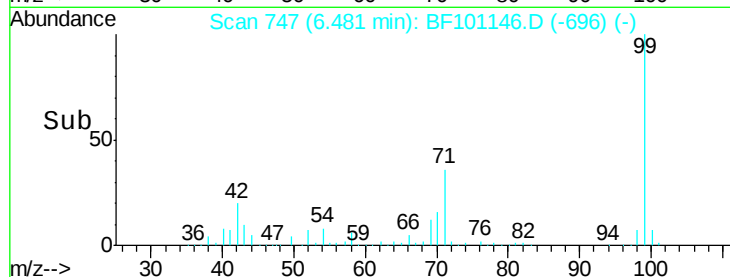
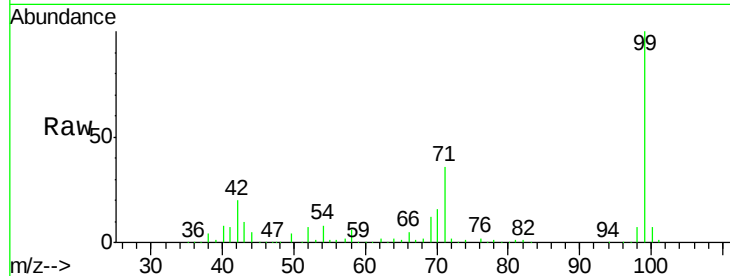
2-Fluorophenol
Concen: 106.284 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101146.D
Acq: 6 Dec 2017 1:59

Tgt Ion	112	Resp	343155
Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	30.4	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 105.952 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101146.D

Acq: 6 Dec 2017 1:59

Instrument :

BNA_F

ClientSampleId :

MH-3-E(4-5)

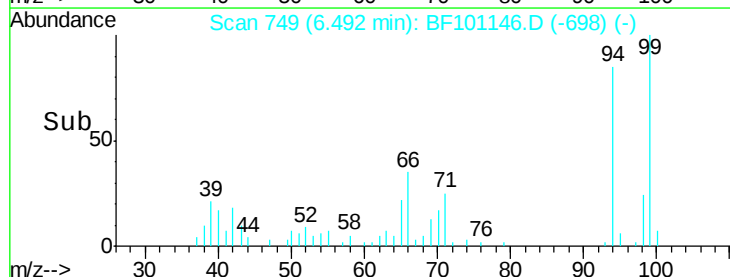
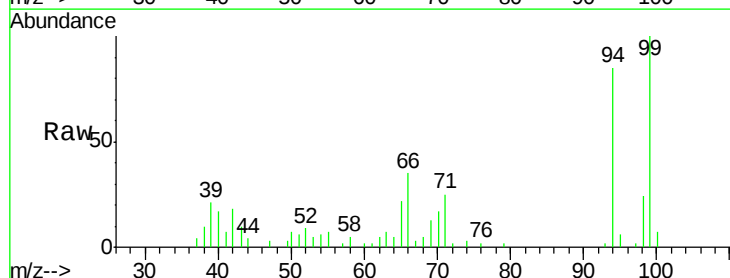
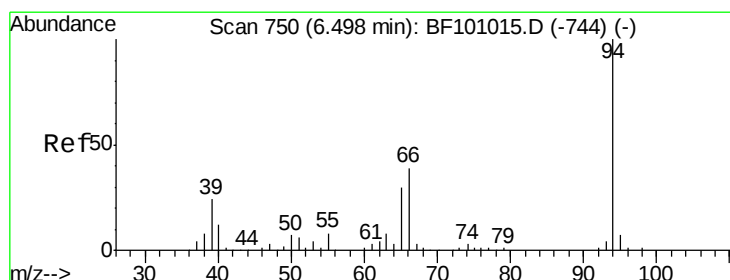
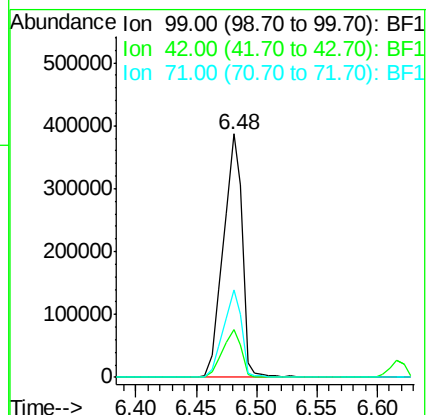
Tot Ion: 99 Resp: 415323

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 35.9 25.4 38.0



#10

Phenol

Concen: 2.954 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101146.D

Acq: 6 Dec 2017 1:59

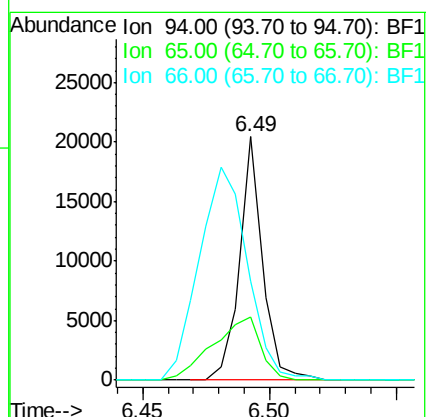
Tgt Ion: 94 Resp: 12875

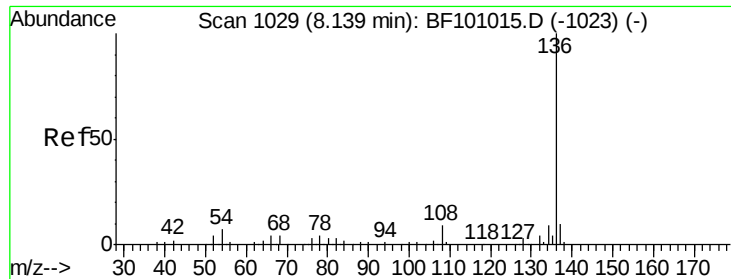
Ion Ratio Lower Upper

94 100

65 26.0 7.9 47.9

66 40.9 16.2 56.2

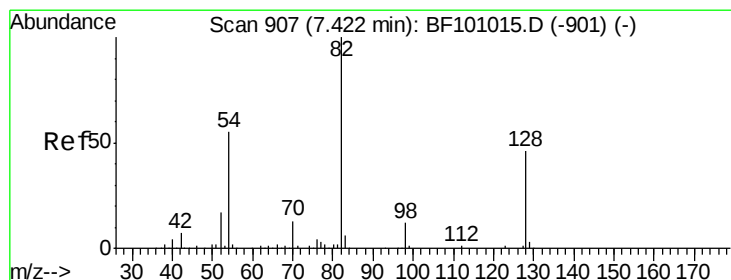
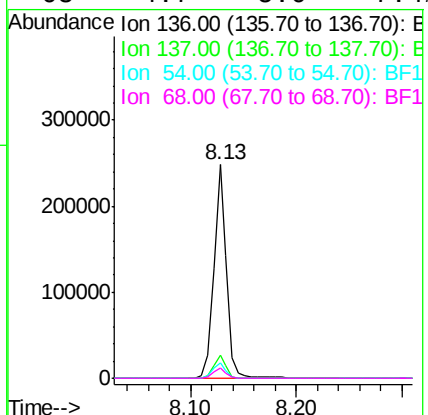
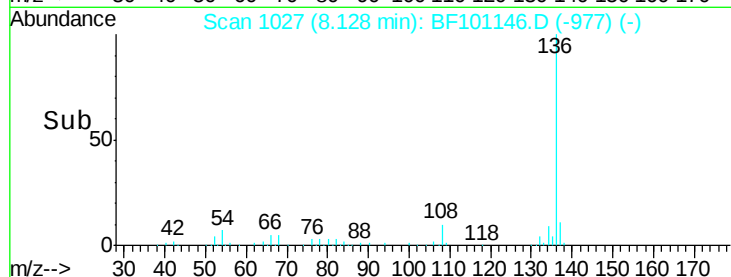
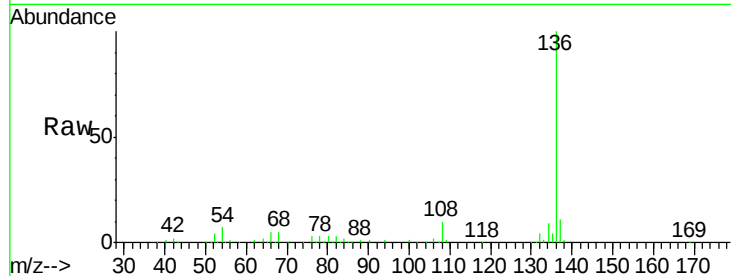




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101146.D
Acq: 6 Dec 2017 1:59

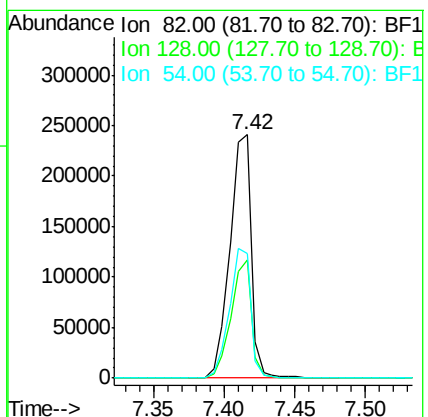
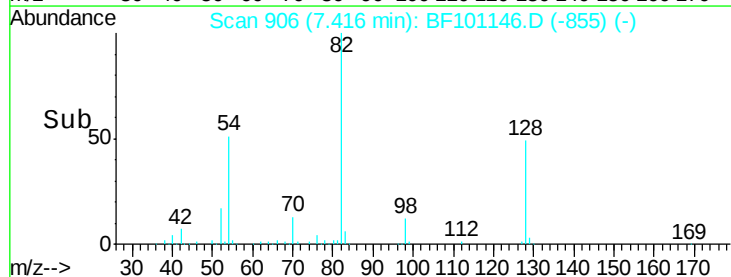
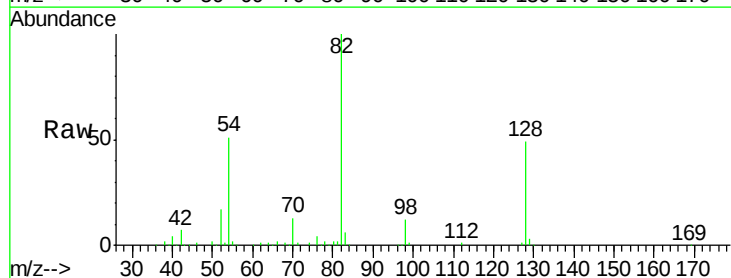
Instrument :
BNA_F
ClientSampleId :
MH-3-E(4-5)

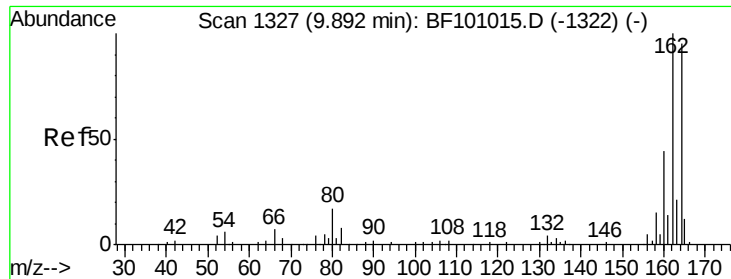
Tot Ion:136	Resp:	209014
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	7.4	6.6 9.8
68	4.7	5.0 7.4#



#23
Nitrobenzene-d5
Concen: 72.580 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101146.D
Acq: 6 Dec 2017 1:59

Tgt Ion: 82	Resp:	254307
Ion Ratio	Lower	Upper
82	100	
128	48.7	36.1 54.1
54	51.2	41.4 62.2

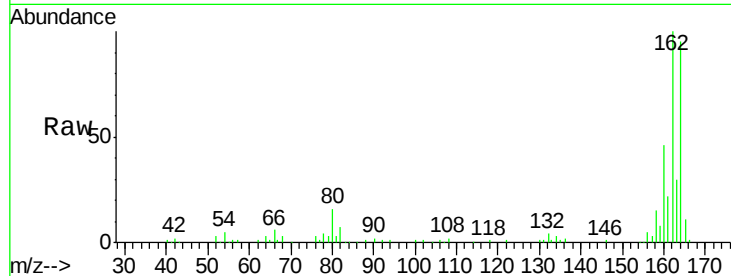




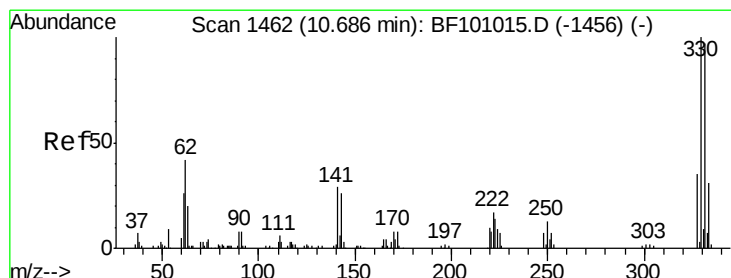
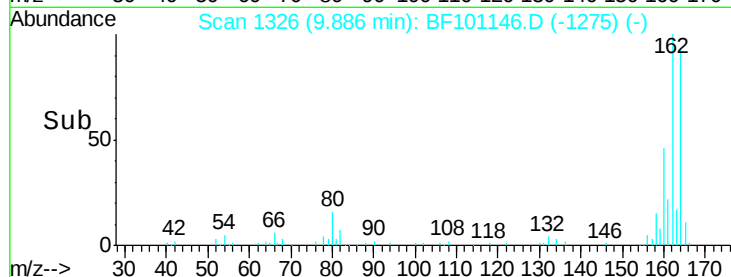
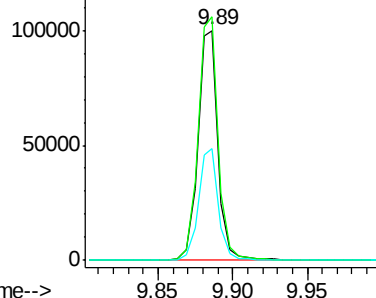
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101146.D
Acq: 6 Dec 2017 1:59

Instrument :
BNA_F
ClientSampleId :
MH-3-E(4-5)

Tot Ion:164 Resp: 95002
Ion Ratio Lower Upper
164 100
162 105.8 86.1 129.1
160 48.7 38.3 57.5

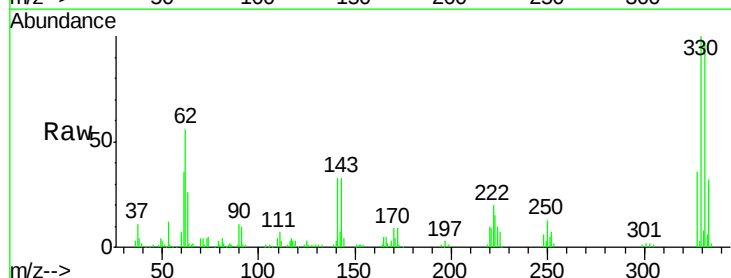


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

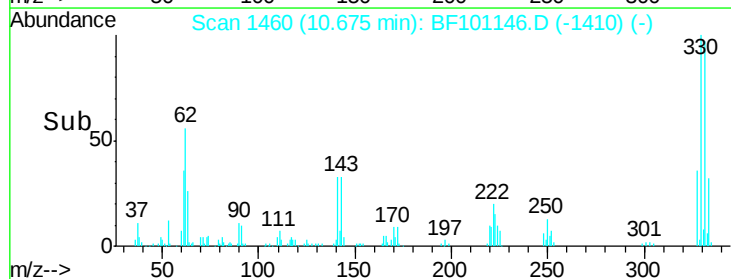
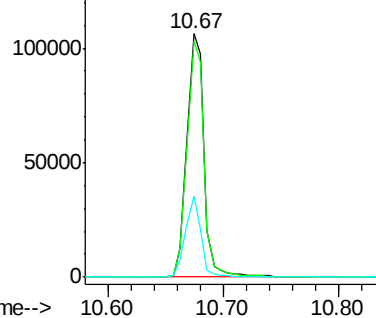


#41
2,4,6-Tribromophenol
Concen: 95.590 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101146.D
Acq: 6 Dec 2017 1:59

Tgt Ion:330 Resp: 109092
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 29.8 29.9 44.9#



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

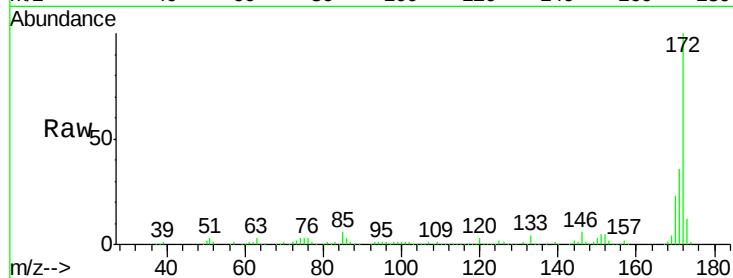




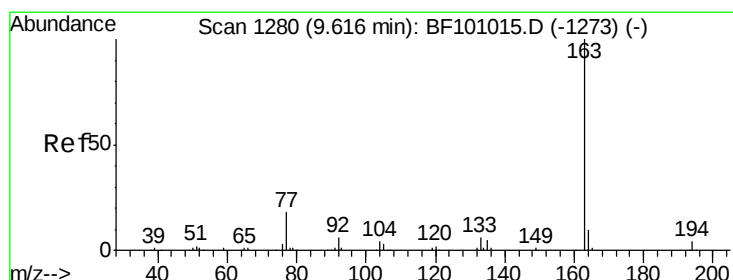
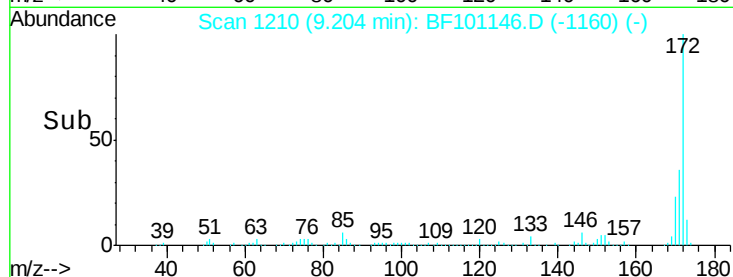
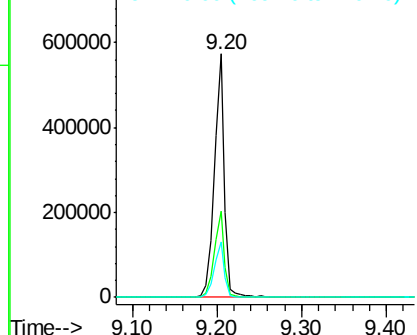
#44
2-Fluorobiphenyl
Concen: 70.341 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101146.D
Acq: 6 Dec 2017 1:59

Instrument :
BNA_F
ClientSampleId :
MH-3-E(4-5)

Tot Ion:172 Resp: 488416
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.0 19.6 29.4

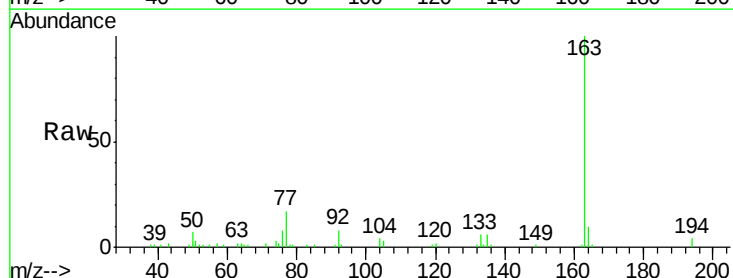


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

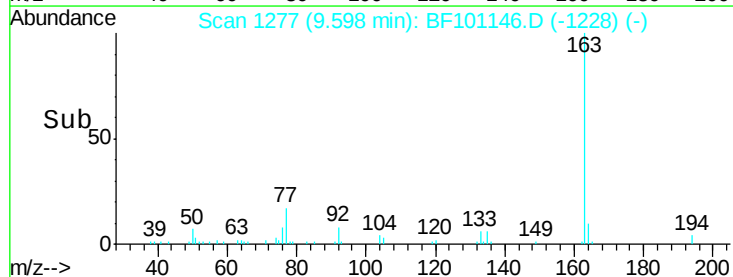
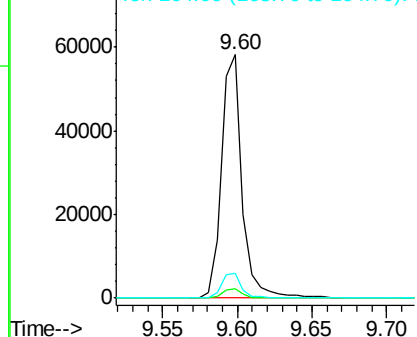


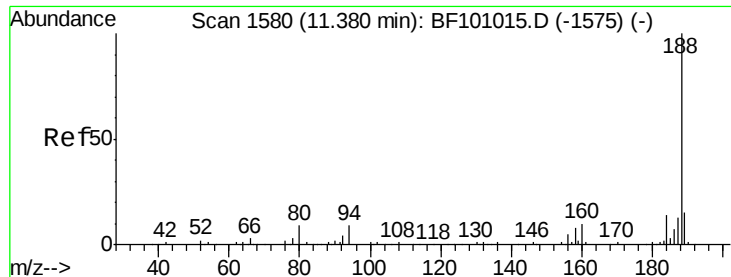
#49
Dimethylphthalate
Concen: 7.382 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101146.D
Acq: 6 Dec 2017 1:59

Tgt Ion:163 Resp: 56557
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.0 8.2 12.2



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

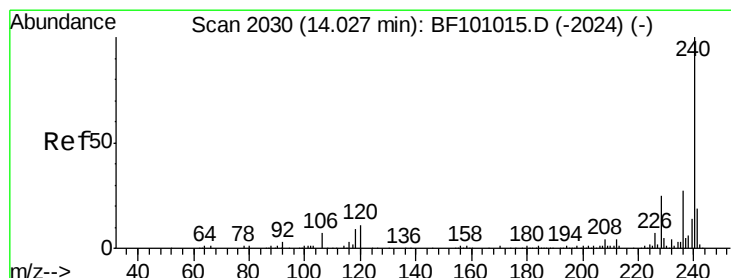
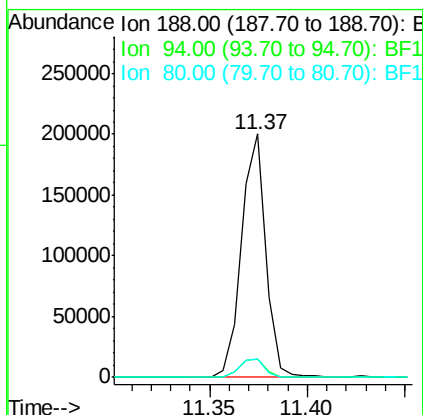
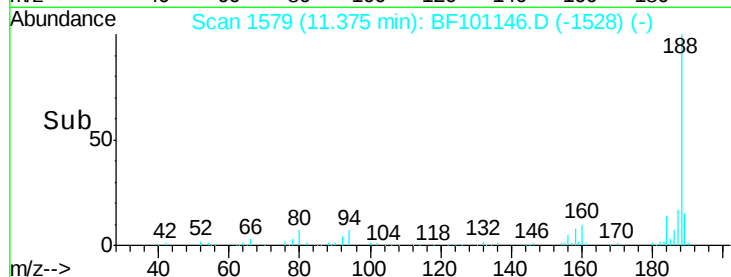
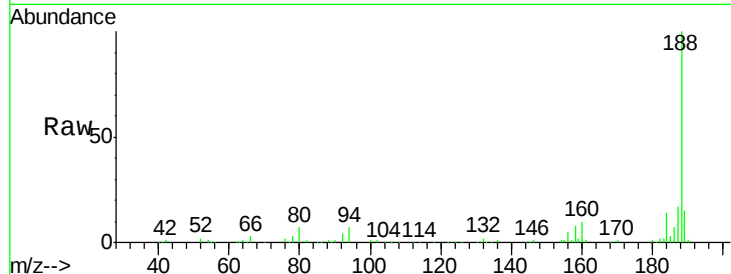




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101146.D
Acq: 6 Dec 2017 1:59

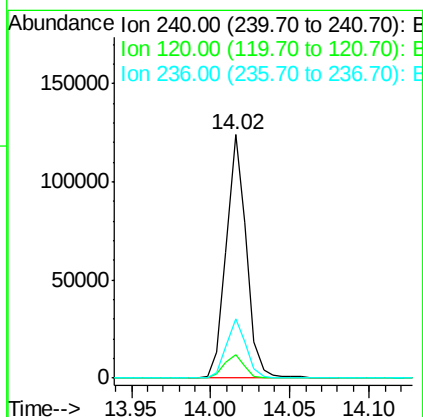
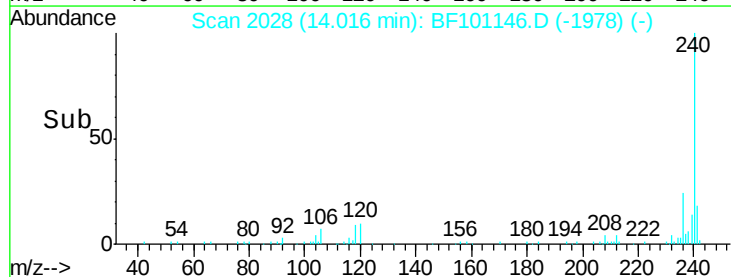
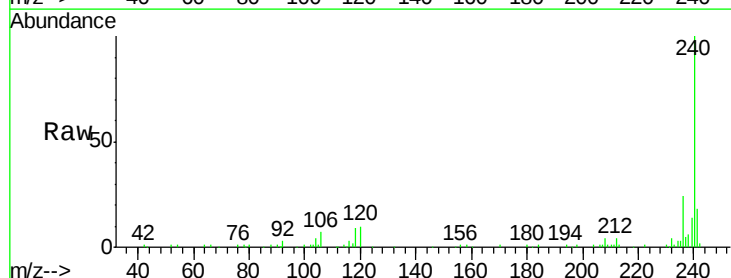
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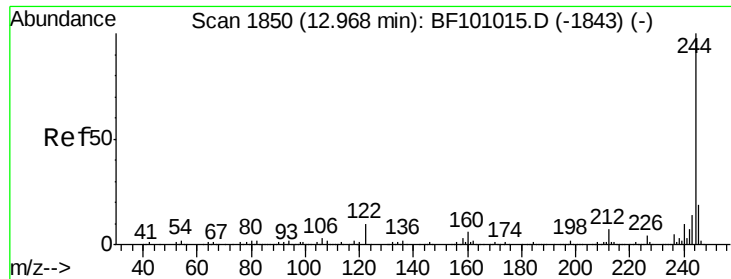
Tot Ion:188 Resp: 172608
Ion Ratio Lower Upper
188 100
94 7.3 8.5 12.7#
80 7.3 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101146.D
Acq: 6 Dec 2017 1:59

Tgt Ion:240 Resp: 109043
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 24.3 20.7 31.1

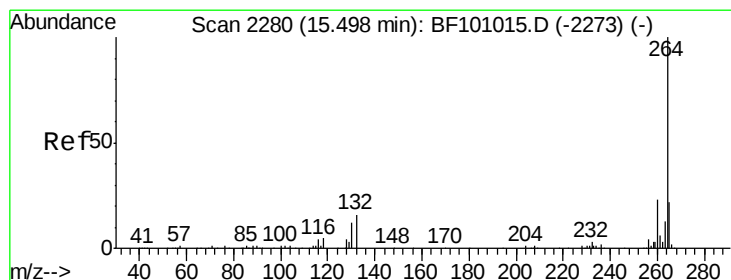
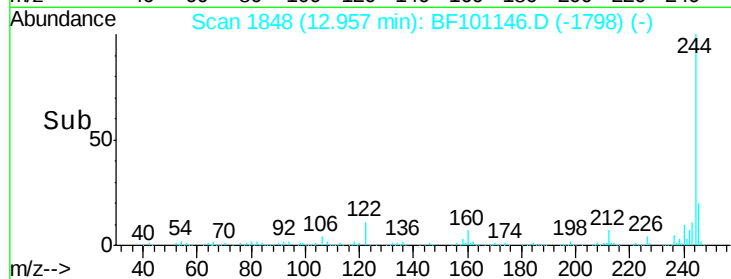
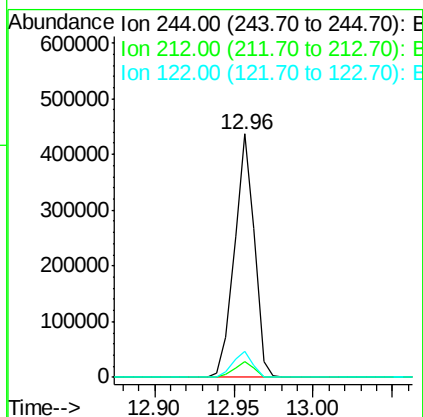
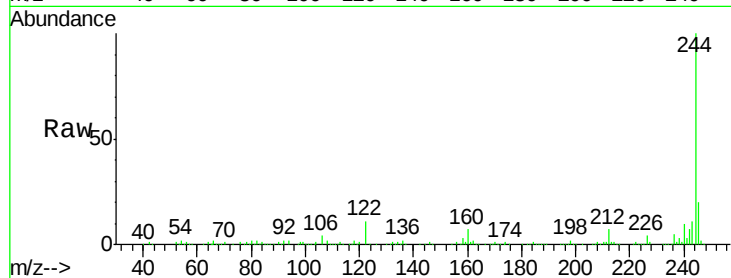




#78
 Terphenyl-d14
 Concen: 75.951 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101146.D
 Acq: 6 Dec 2017 1:59

Instrument :
 BNA_F
 ClientSampleId :
 MH-3-E(4-5)

Tot Ion:244 Resp: 378644
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF101146.D
 Acq: 6 Dec 2017 1:59

Tgt Ion:264 Resp: 113371
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.2 28.8
 265 20.0 17.5 26.3

