

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101107.D
 Acq On : 4 Dec 2017 19:22
 Operator : SJ/JU
 Sample : I6645-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04

Quant Time: Dec 05 02:16:13 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

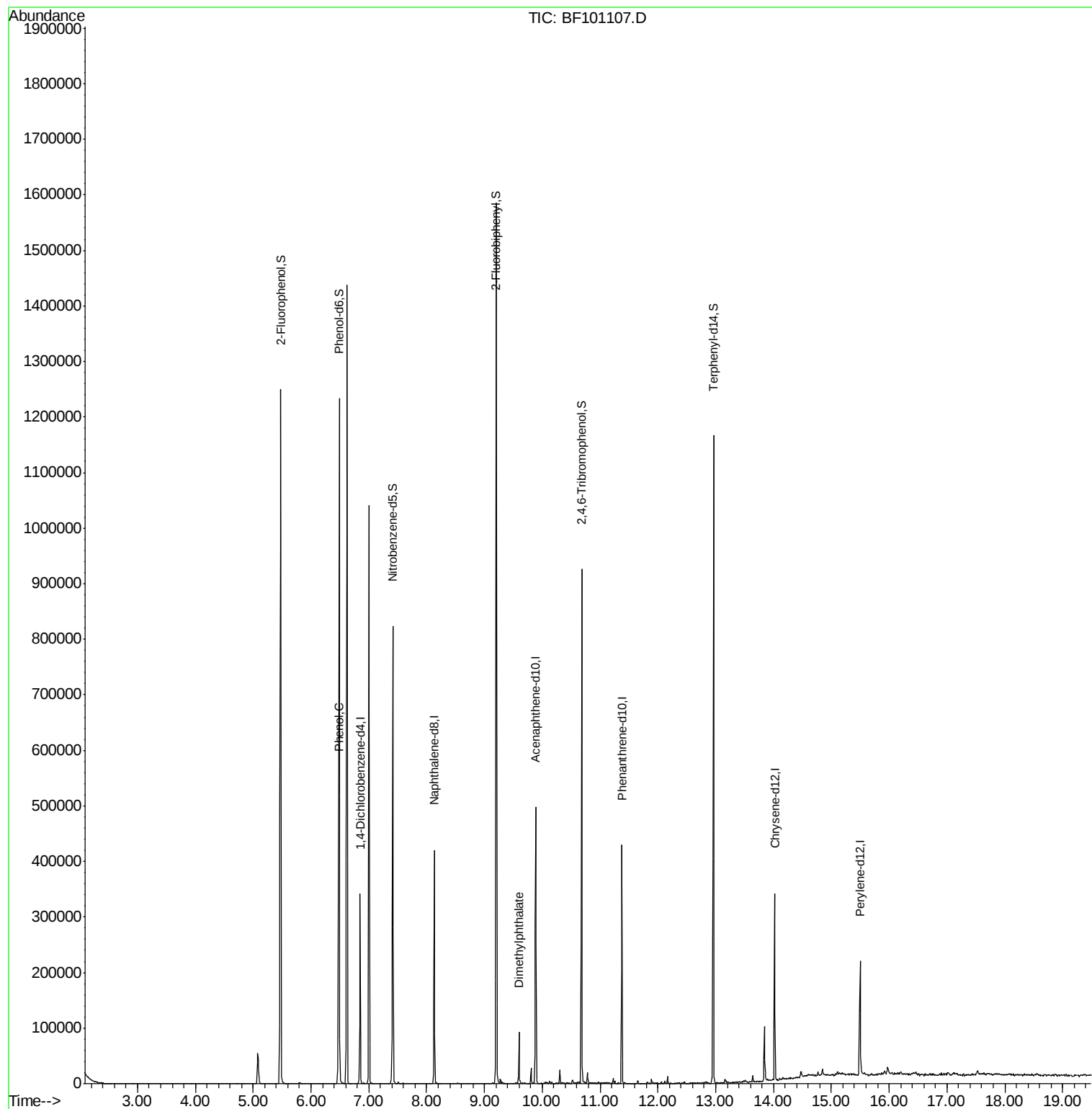
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52491	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	203108	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	89676	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	146757	20.00	ng	0.00
75) Chrysene-d12	14.02	240	115968	20.00	ng	0.00
86) Perylene-d12	15.50	264	104722	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	337428	106.22	ng	0.01
7) Phenol-d6	6.49	99	428480	111.10	ng	0.00
23) Nitrobenzene-d5	7.42	82	251211	73.78	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	110489	102.56	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	521399	79.55	ng	0.00
78) Terphenyl-d14	12.96	244	395967	74.68	ng	0.00
Target Compounds						
10) Phenol	6.50	94	8827	2.06	ng	94
49) Dimethylphthalate	9.60	163	36714	5.08	ng	# 99

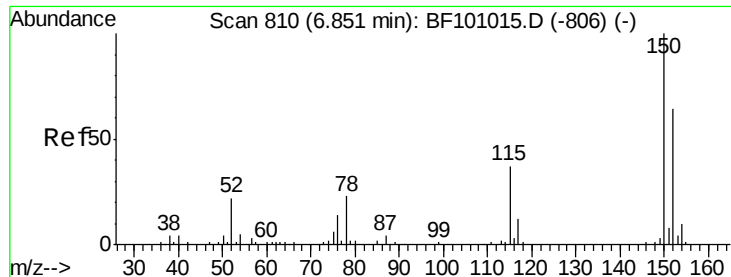
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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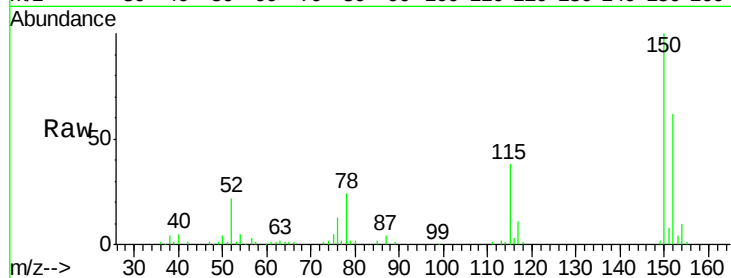


#1

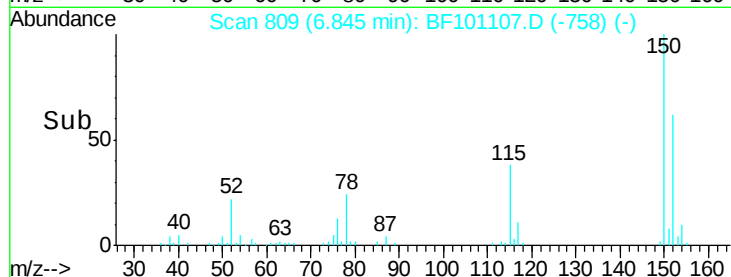
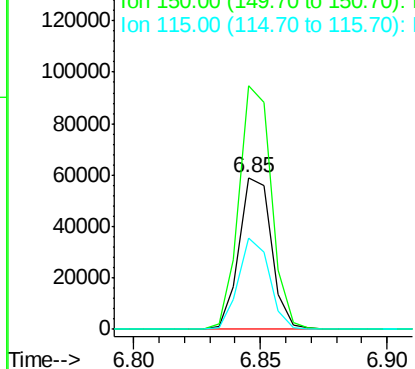
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101107.D
Acq: 4 Dec 2017 19:22

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04

Tot Ion:152 Resp: 52491
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 60.3 50.1 75.1



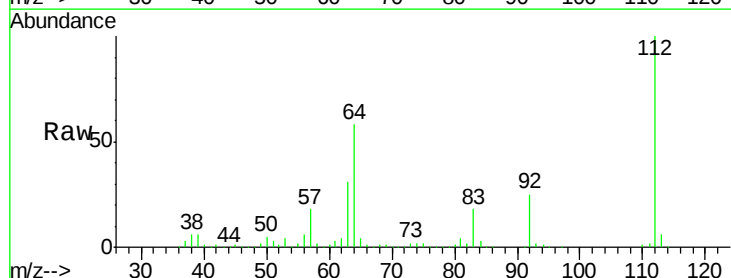
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



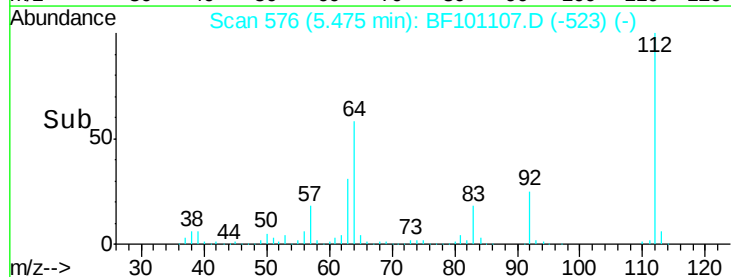
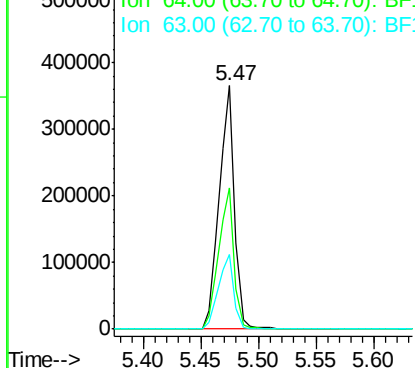
#5

2-Fluorophenol
Concen: 106.22 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101107.D
Acq: 4 Dec 2017 19:22

Tgt Ion:112 Resp: 337428
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 30.6 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: 111.10 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101107.D

Acq: 4 Dec 2017 19:22

Instrument :

BNA_F

ClientSampled :

BSC-SB-04

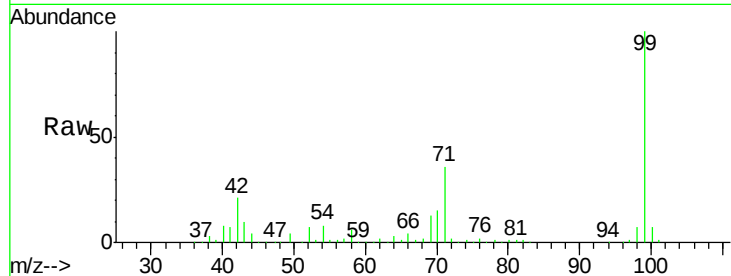
Tot Ion: 99 Resp: 428480

Ion Ratio Lower Upper

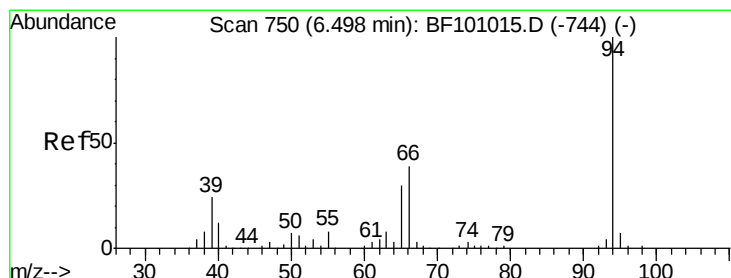
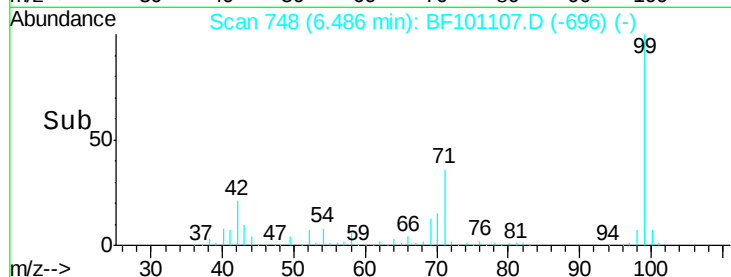
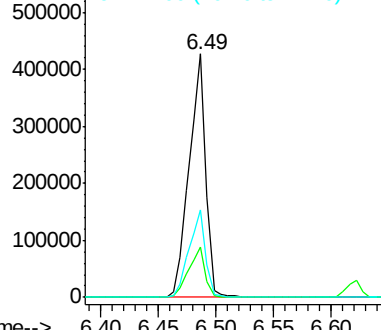
99 100

42 20.6 14.5 21.7

71 35.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.06 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF101107.D

Acq: 4 Dec 2017 19:22

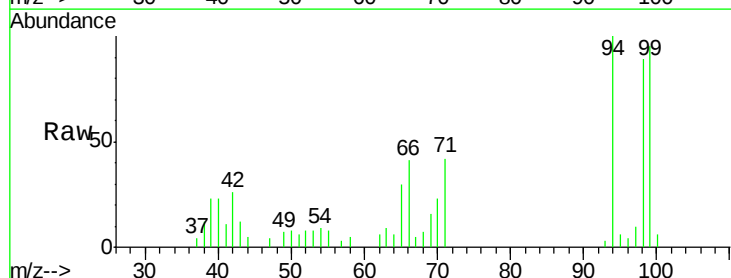
Tgt Ion: 94 Resp: 8827

Ion Ratio Lower Upper

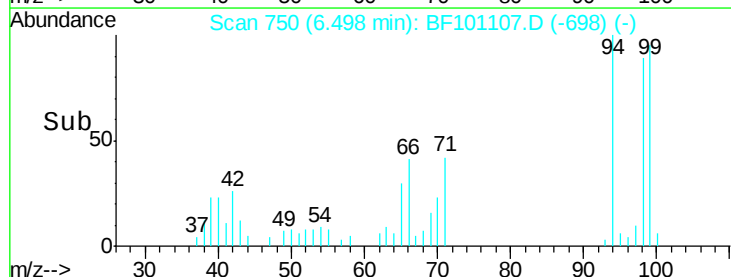
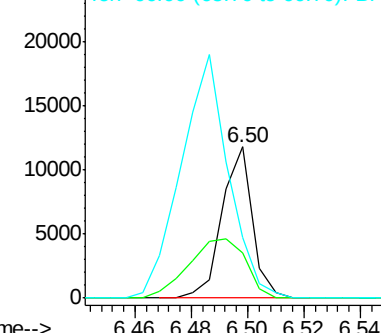
94 100

65 29.9 7.9 47.9

66 40.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

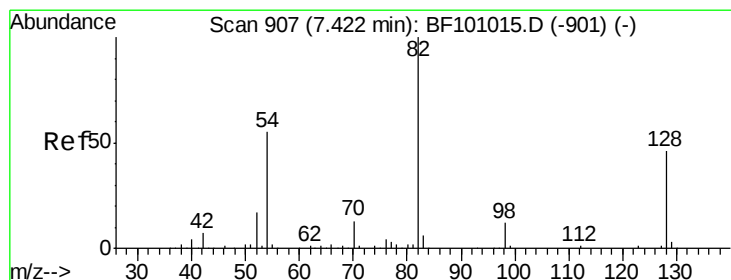
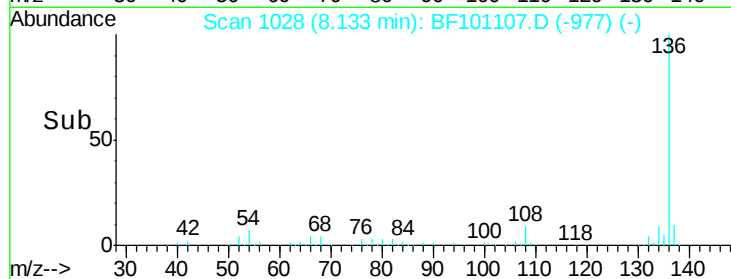
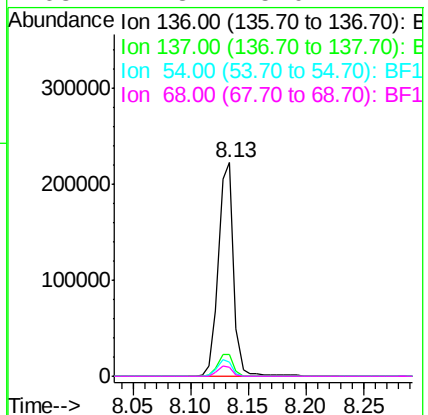
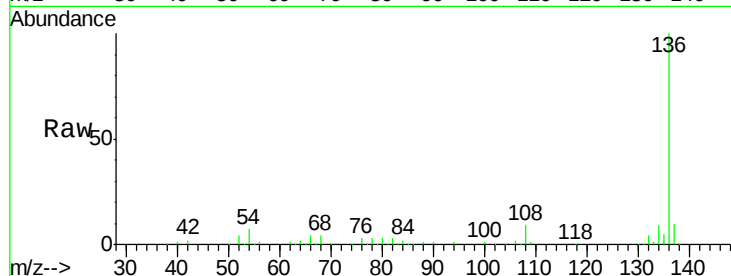




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF101107.D
Acq: 4 Dec 2017 19:22

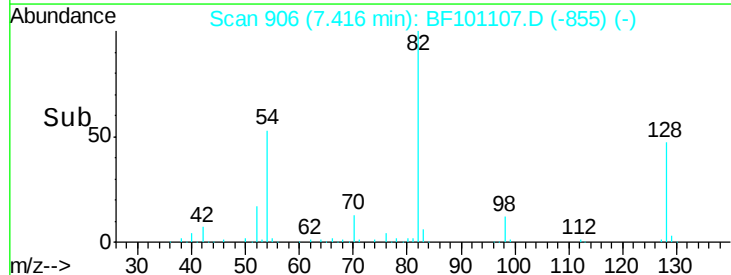
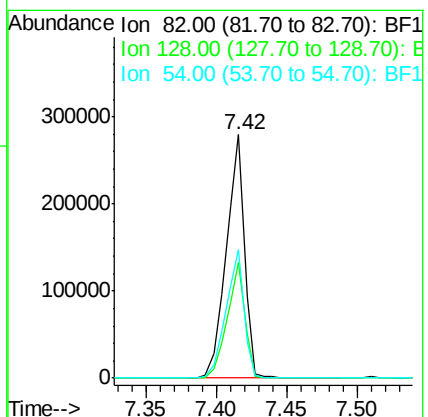
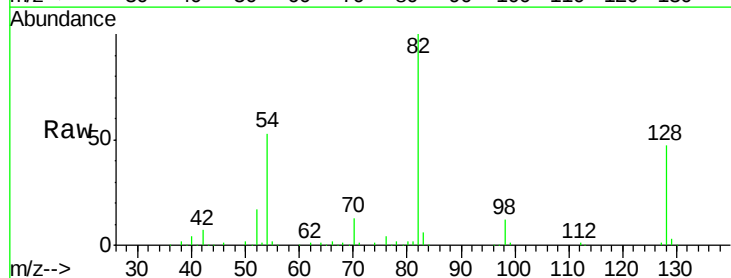
Instrument :
BNA_F
ClientSampleId :
BSC-SB-04

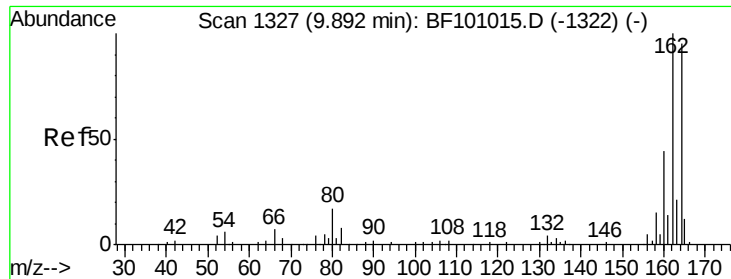
Tot Ion:136	Resp:	203108
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.9 13.3
54	6.6	6.6 9.8
68	4.3	5.0 7.4#



#23
Nitrobenzene-d5
Concen: 73.78 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101107.D
Acq: 4 Dec 2017 19:22

Tgt Ion: 82	Resp:	251211
Ion Ratio	Lower	Upper
82	100	
128	47.4	36.1 54.1
54	52.9	41.4 62.2

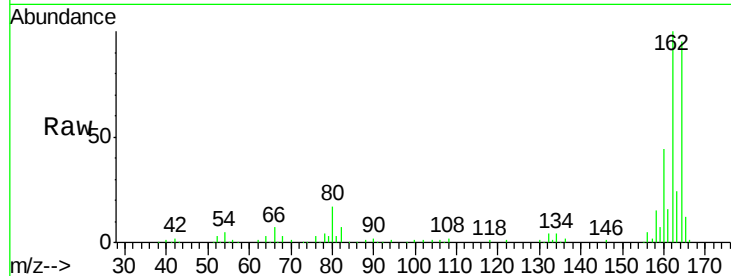




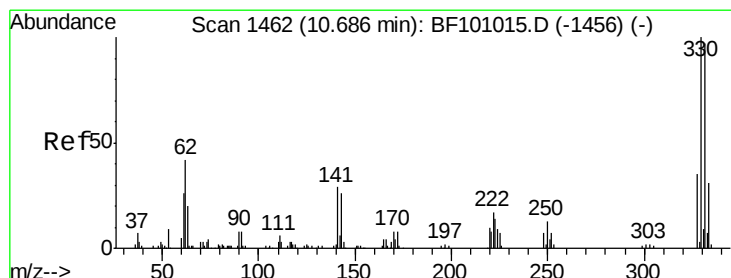
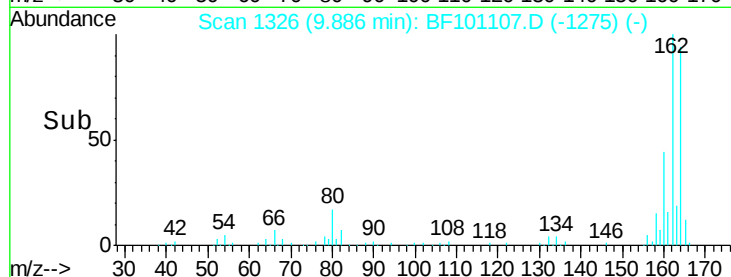
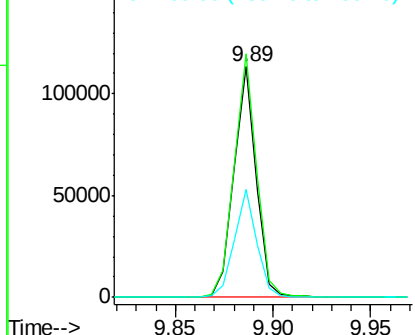
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101107.D
Acq: 4 Dec 2017 19:22

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04

Tot Ion:164 Resp: 89676
Ion Ratio Lower Upper
164 100
162 105.6 86.1 129.1
160 46.9 38.3 57.5

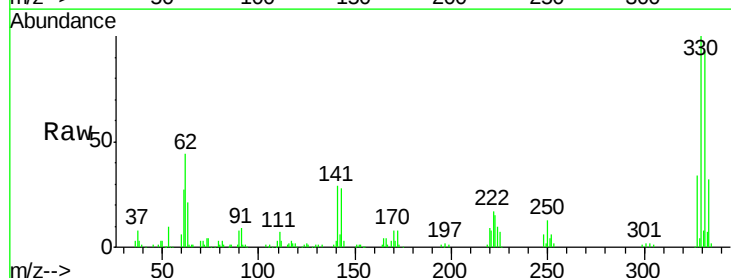


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

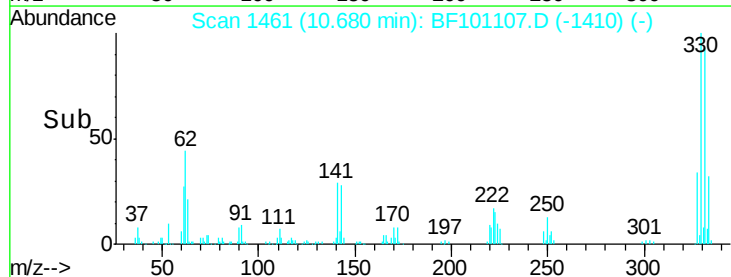
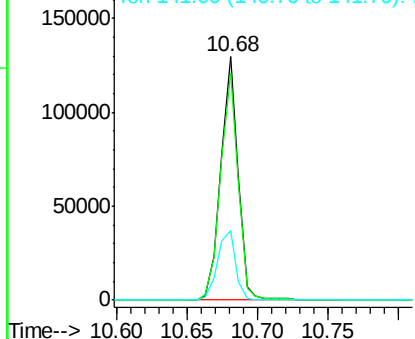


#41
2,4,6-Tribromophenol
Concen: 102.56 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF101107.D
Acq: 4 Dec 2017 19:22

Tgt Ion:330 Resp: 110489
Ion Ratio Lower Upper
330 100
332 94.7 77.0 115.6
141 29.9 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

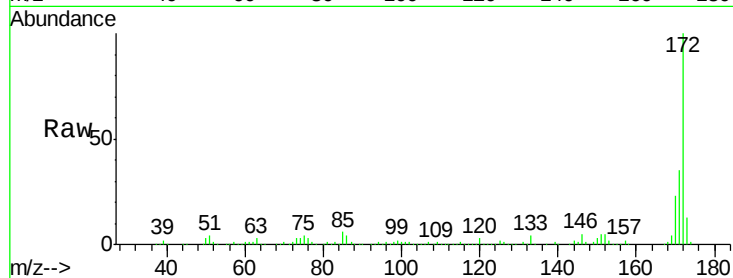




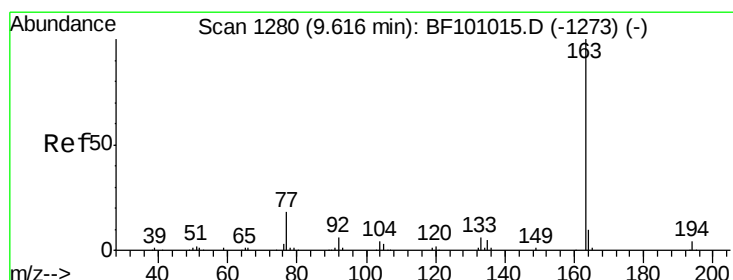
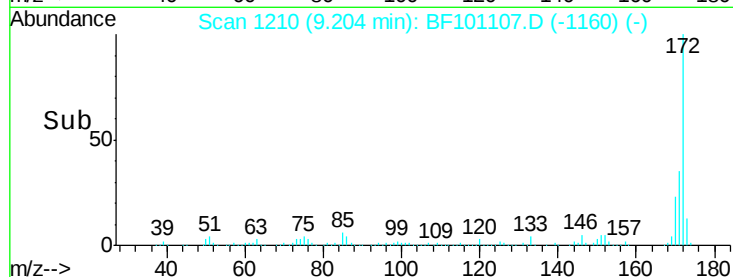
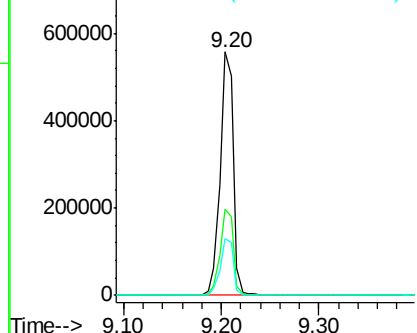
#44
2-Fluorobiphenyl
Concen: 79.55 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101107.D
Acq: 4 Dec 2017 19:22

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04

Tot Ion:172 Resp: 521399
Ion Ratio Lower Upper
172 100
171 35.2 29.7 44.5
170 23.5 19.6 29.4

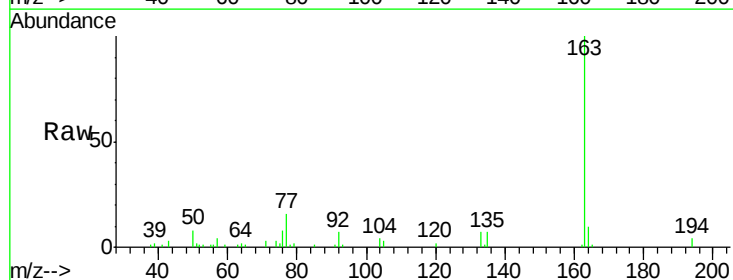


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

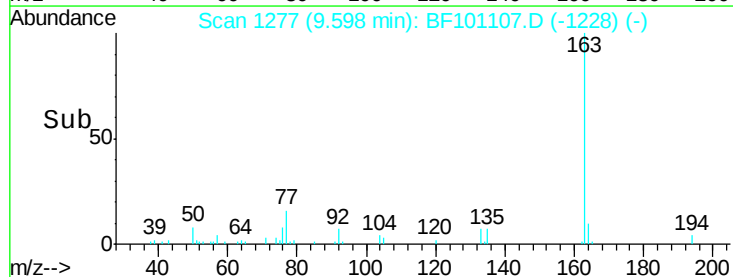
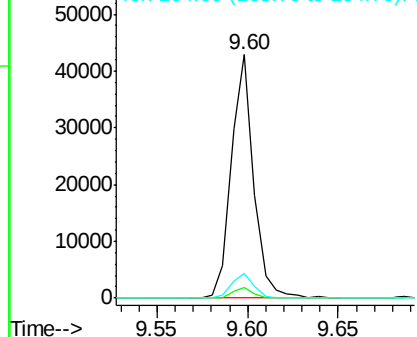


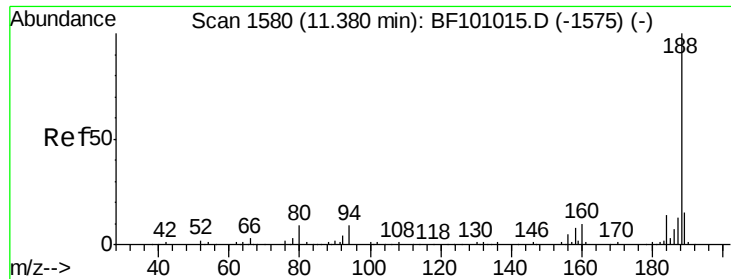
#49
Dimethylphthalate
Concen: 5.08 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101107.D
Acq: 4 Dec 2017 19:22

Tgt Ion:163 Resp: 36714
Ion Ratio Lower Upper
163 100
194 4.4 2.7 4.1#
164 9.9 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

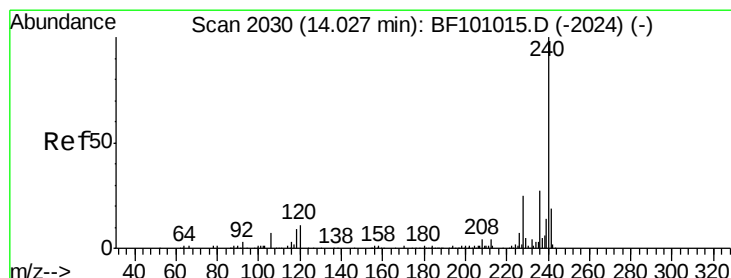
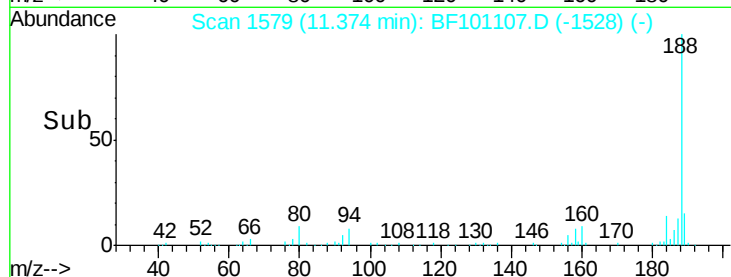
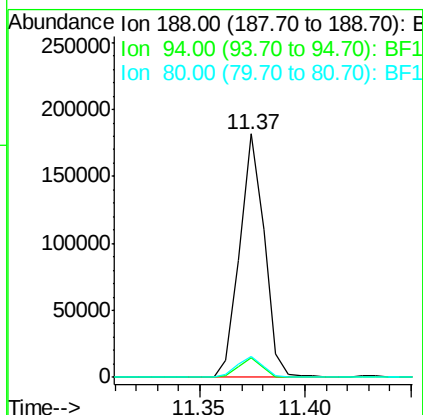
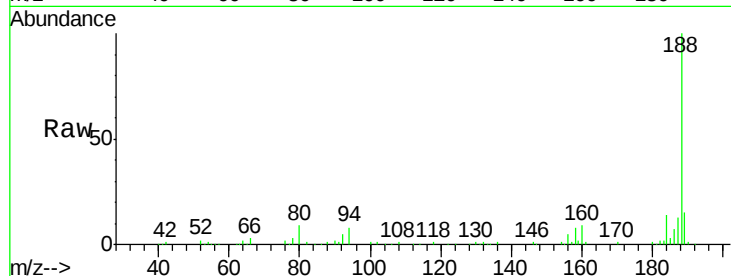




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101107.D
Acq: 4 Dec 2017 19:22

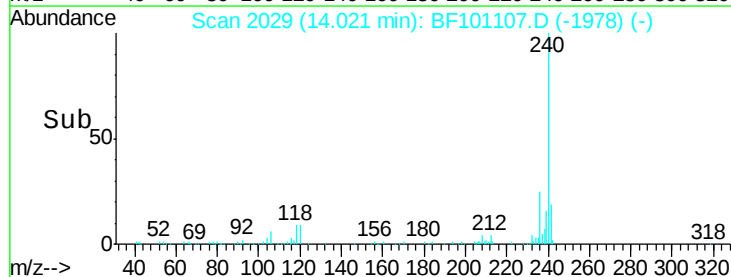
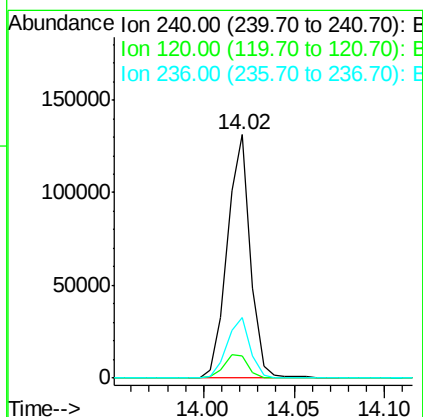
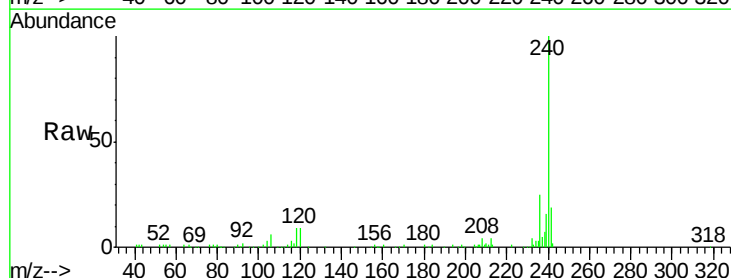
Instrument :
BNA_F
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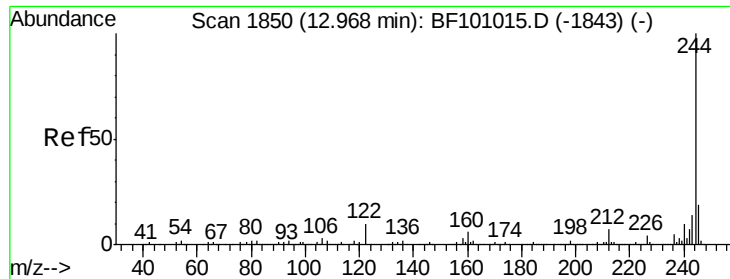
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.7	9.2	13.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101107.D
Acq: 4 Dec 2017 19:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.5	14.3#
236	25.1	20.7	31.1

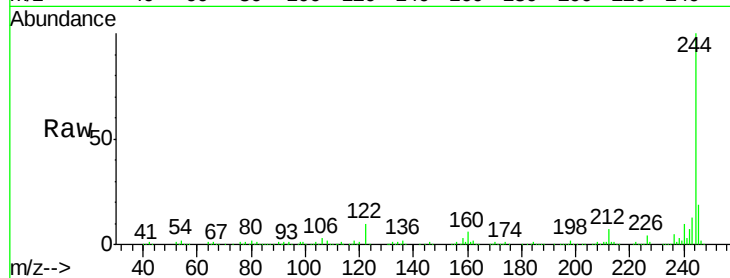




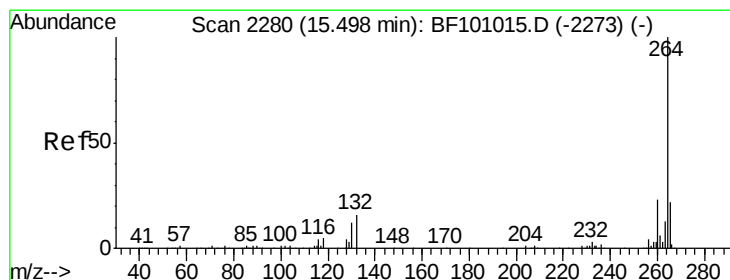
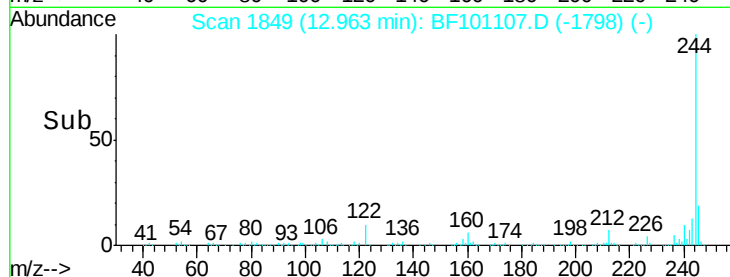
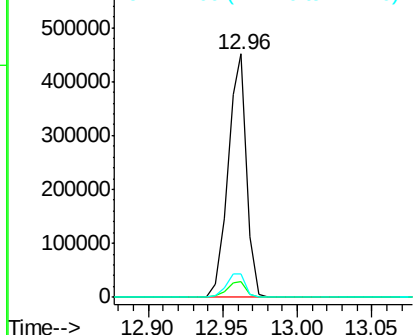
#78
 Terphenyl-d14
 Concen: 74.68 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF101107.D
 Acq: 4 Dec 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04

Tot Ion:244 Resp: 395967
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.6 11.0 16.4#

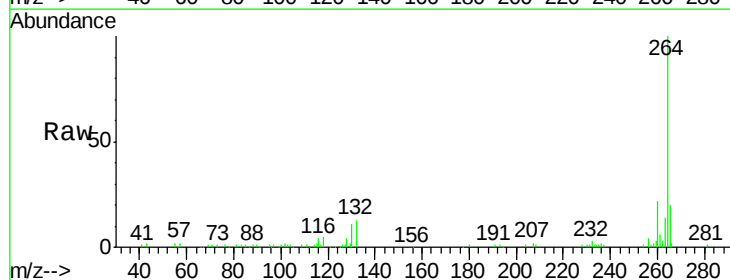


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF101107.D
 Acq: 4 Dec 2017 19:22

Tgt Ion:264 Resp: 104722
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.2 28.8
 265 20.5 17.5 26.3



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

