

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101127.D
 Acq On : 5 Dec 2017 16:33
 Operator : SJ/JU
 Sample : I6718-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3992

Quant Time: Dec 05 17:09:53 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

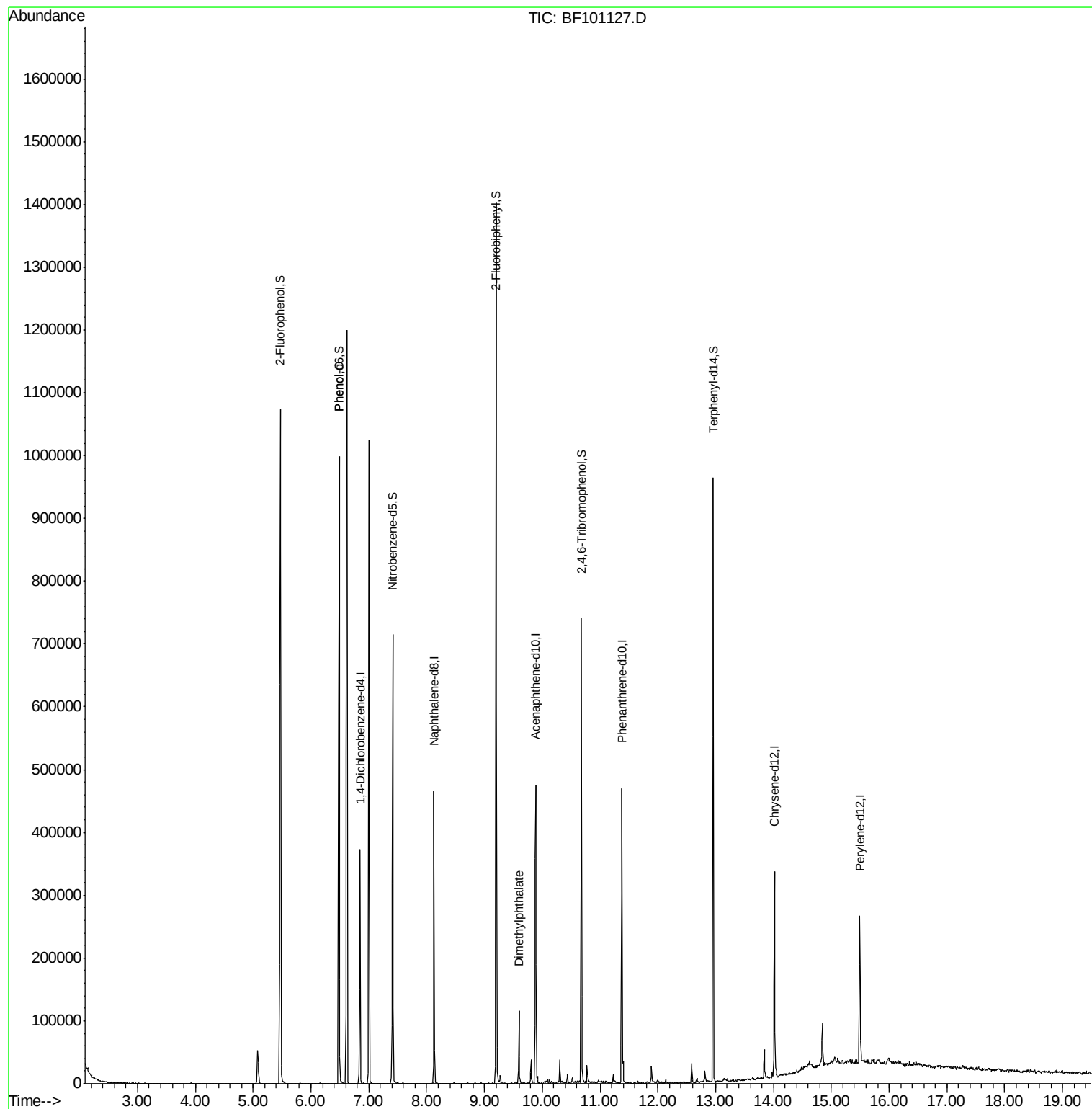
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53151	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	201750	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	90465	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	161661	20.00	ng	0.00
75) Chrysene-d12	14.02	240	109651	20.00	ng	0.00
86) Perylene-d12	15.49	264	112001	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	310636	96.58	ng	0.00
7) Phenol-d6	6.49	99	378725	96.98	ng	0.00
23) Nitrobenzene-d5	7.42	82	231026	68.31	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	96252	88.57	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	413729	62.57	ng	0.00
78) Terphenyl-d14	12.96	244	309744	61.79	ng	0.00
Target Compounds						
10) Phenol	6.49	94	9294	2.140	ng	75
49) Dimethylphthalate	9.60	163	48473	6.644	ng	99

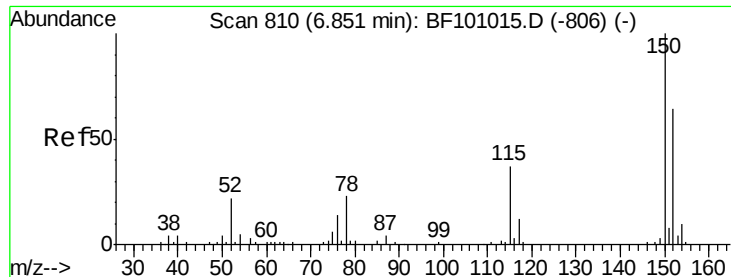
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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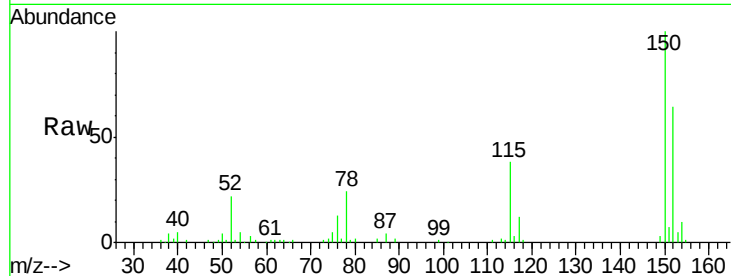


#1

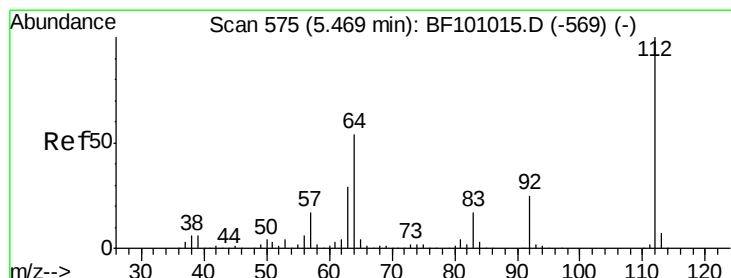
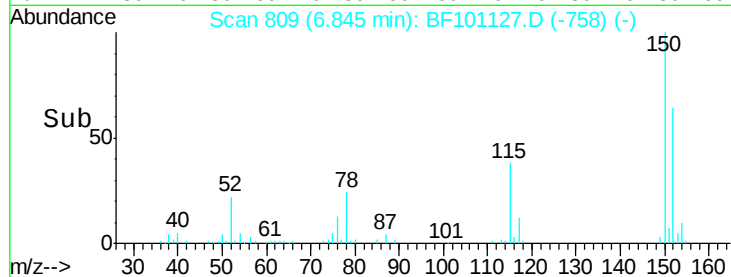
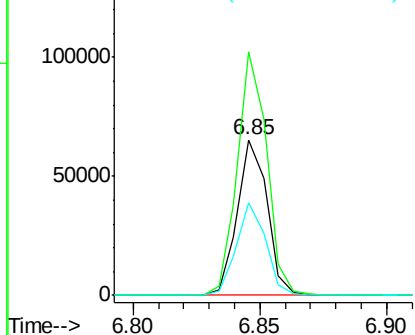
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101127.D
Acq: 5 Dec 2017 16:33

Instrument :
BNA_F
ClientSampled :
RT-3992

Tot Ion:152 Resp: 53151
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 59.2 50.1 75.1



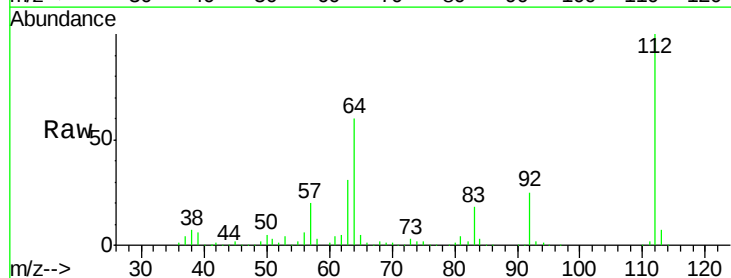
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



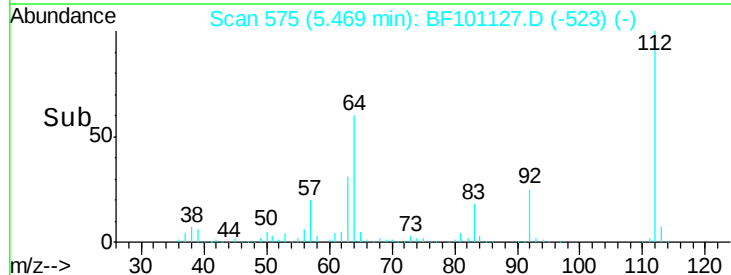
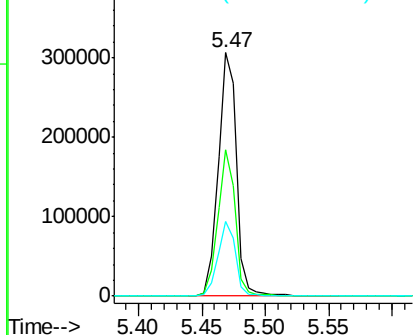
#5

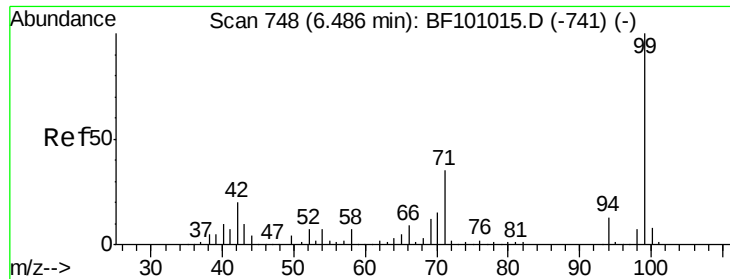
2-Fluorophenol
Concen: 96.576 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101127.D
Acq: 5 Dec 2017 16:33

Tgt Ion:112 Resp: 310636
Ion Ratio Lower Upper
112 100
64 59.9 47.9 71.9
63 30.8 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: 96.981 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101127.D

Acq: 5 Dec 2017 16:33

Instrument :

BNA_F

ClientSampleId :

RT-3992

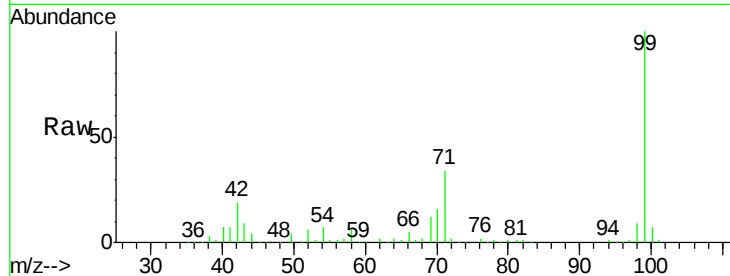
Tot Ion: 99 Resp: 378725

Ion Ratio Lower Upper

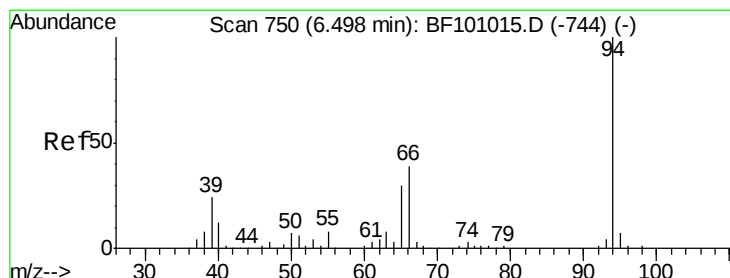
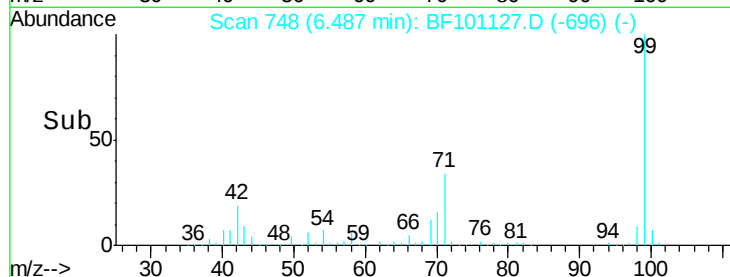
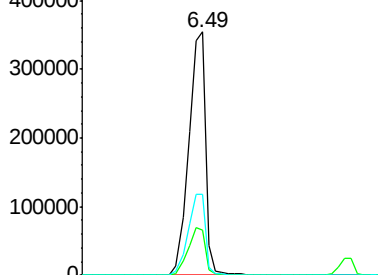
99 100

42 18.8 14.5 21.7

71 33.5 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: 2.140 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101127.D

Acq: 5 Dec 2017 16:33

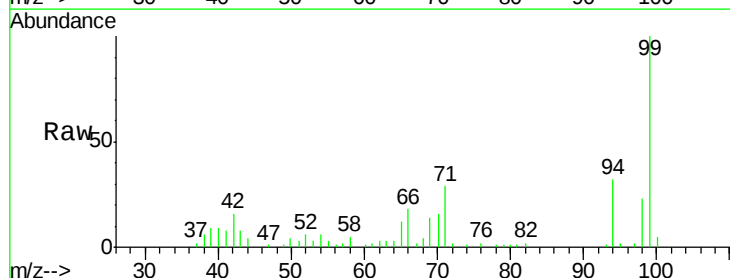
Tgt Ion: 94 Resp: 9294

Ion Ratio Lower Upper

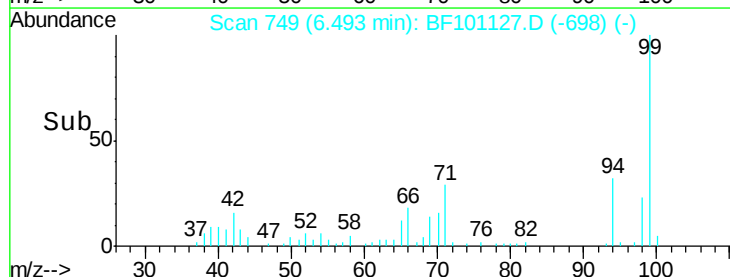
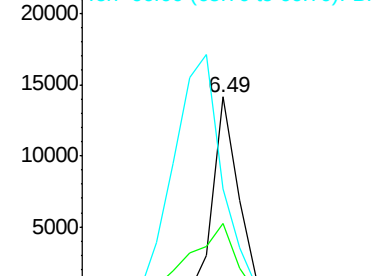
94 100

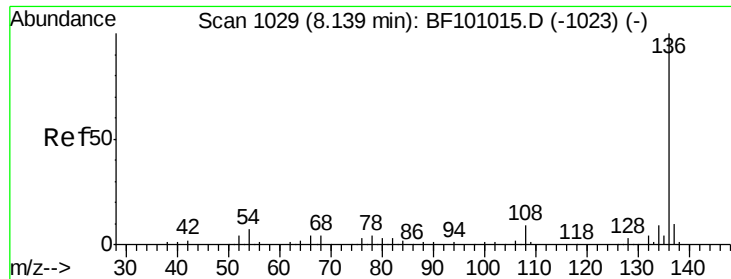
65 37.0 7.9 47.9

66 54.6 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

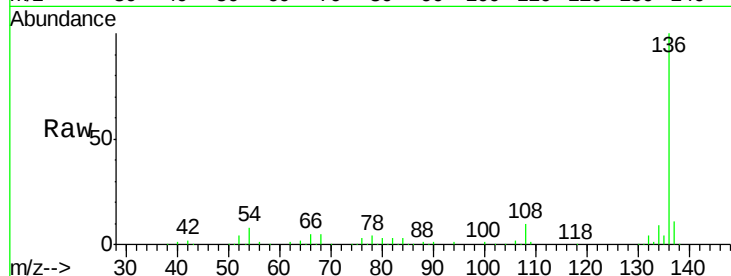




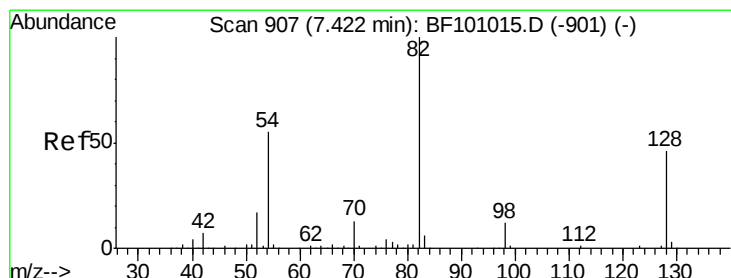
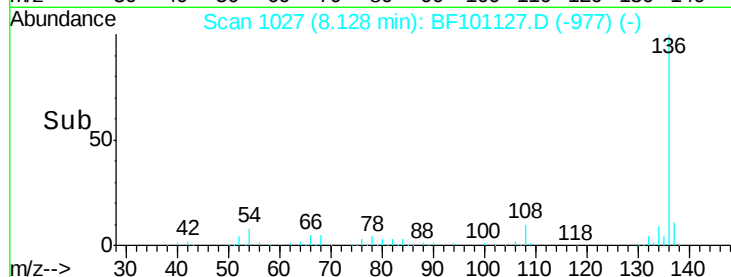
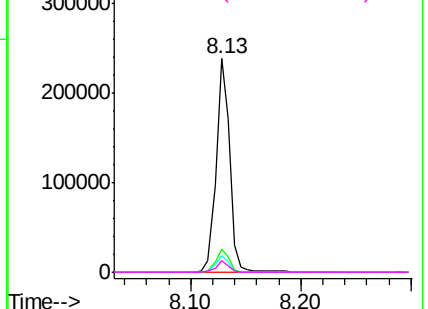
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101127.D
Acq: 5 Dec 2017 16:33

Instrument :
BNA_F
ClientSampleId :
RT-3992

Tot Ion:136	Resp:	201750
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	7.6	6.6 9.8
68	5.3	5.0 7.4

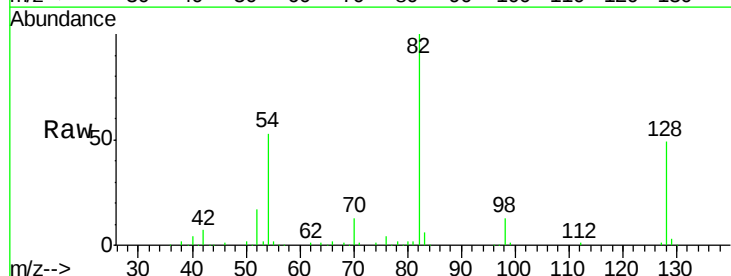


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

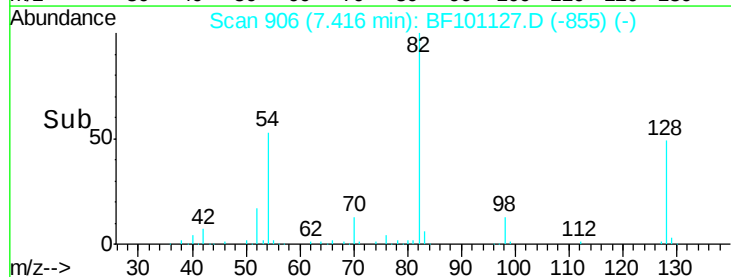
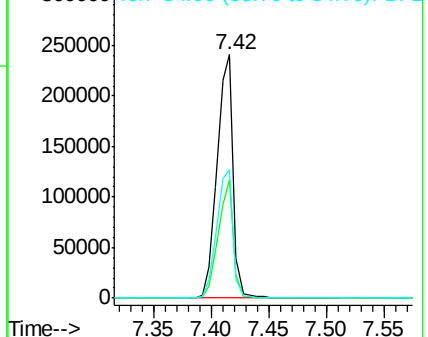


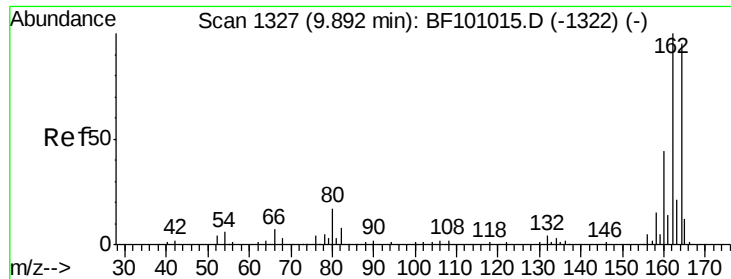
#23
Nitrobenzene-d5
Concen: 68.309 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101127.D
Acq: 5 Dec 2017 16:33

Tgt Ion: 82	Resp:	231026
Ion	Ratio	Lower Upper
82	100	
128	48.5	36.1 54.1
54	52.8	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF101127.D

Acq: 5 Dec 2017 16:33

Instrument :

BNA_F

ClientSampleId :

RT-3992

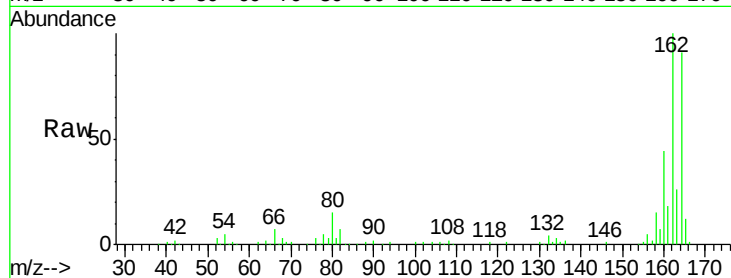
Tot Ion:164 Resp: 90465

Ion Ratio Lower Upper

164 100

162 109.4 86.1 129.1

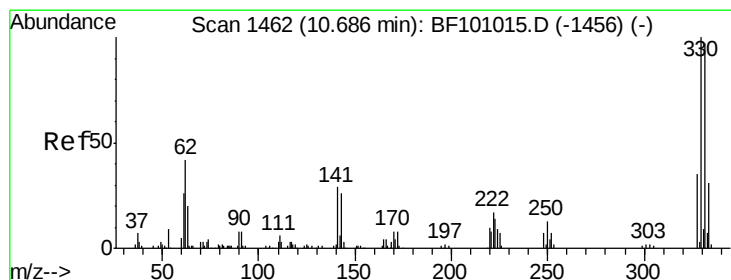
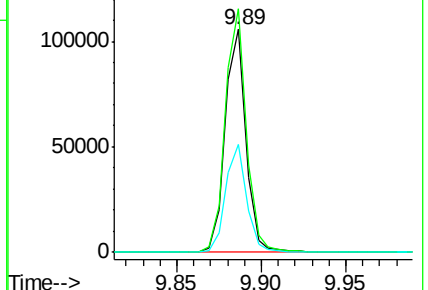
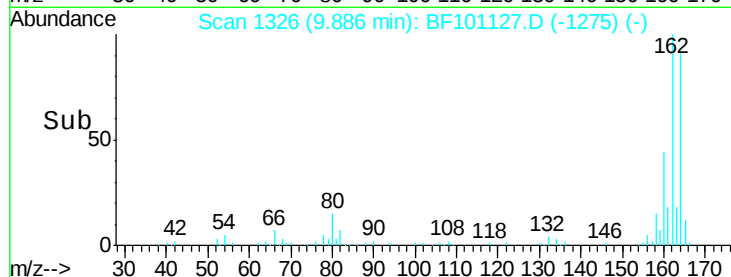
160 48.3 38.3 57.5



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: 88.569 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF101127.D

Acq: 5 Dec 2017 16:33

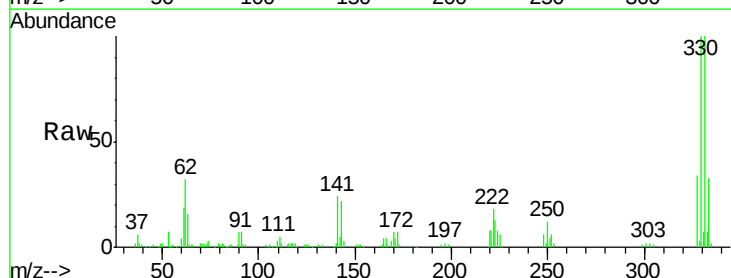
Tgt Ion:330 Resp: 96252

Ion Ratio Lower Upper

330 100

332 98.8 77.0 115.6

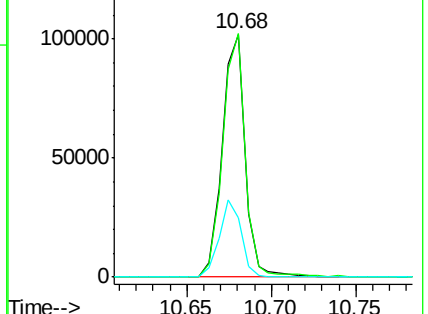
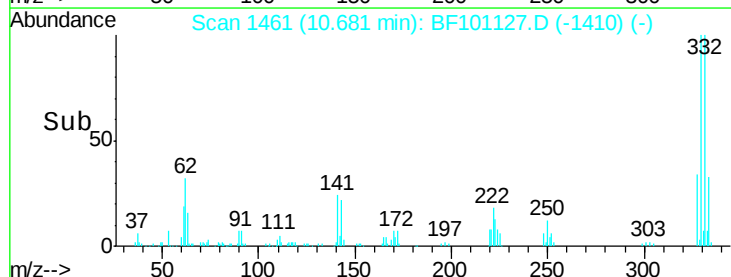
141 30.6 29.9 44.9

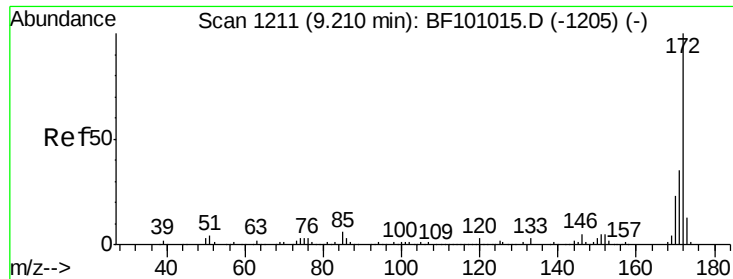


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

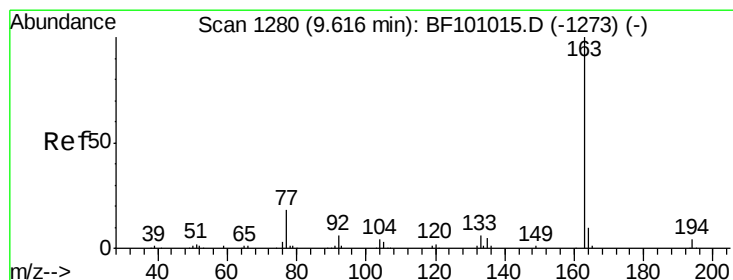
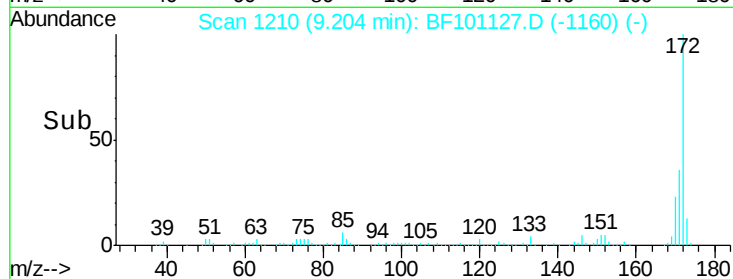
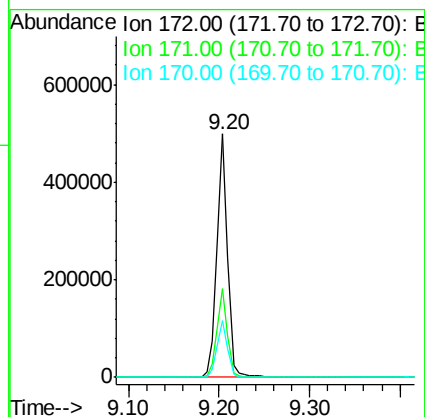
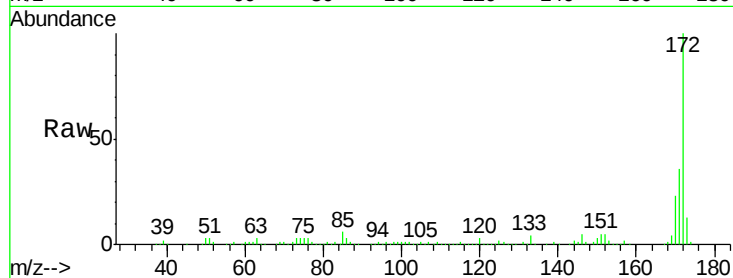




#44
2-Fluorobiphenyl
Concen: 62.573 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101127.D
Acq: 5 Dec 2017 16:33

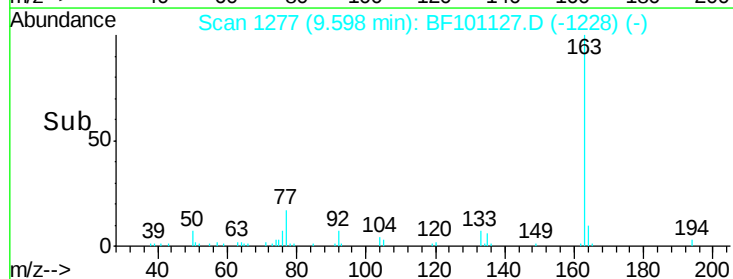
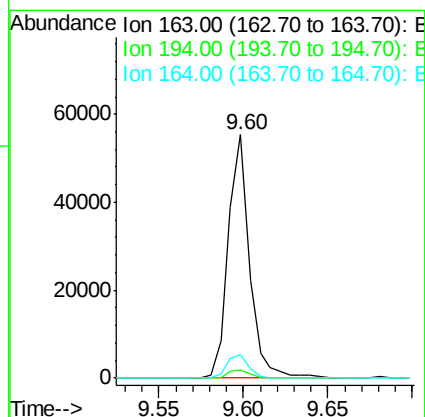
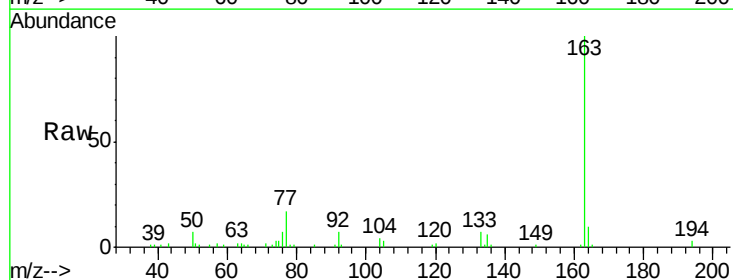
Instrument :
BNA_F
ClientSampleId :
RT-3992

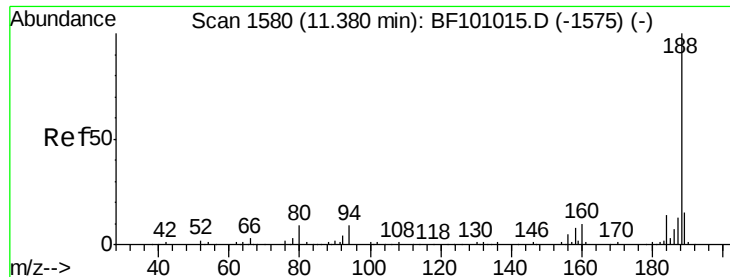
Tot Ion:172 Resp: 413729
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 23.4 19.6 29.4



#49
Dimethylphthalate
Concen: 6.644 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101127.D
Acq: 5 Dec 2017 16:33

Tgt Ion:163 Resp: 48473
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.9 8.2 12.2

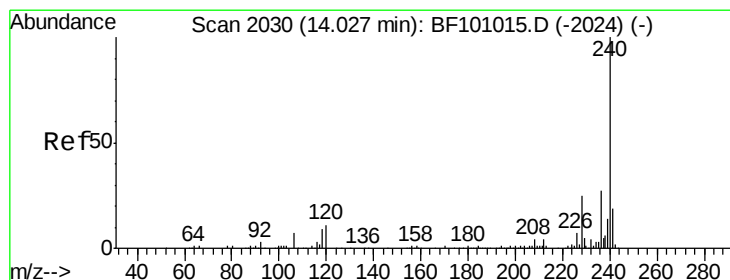
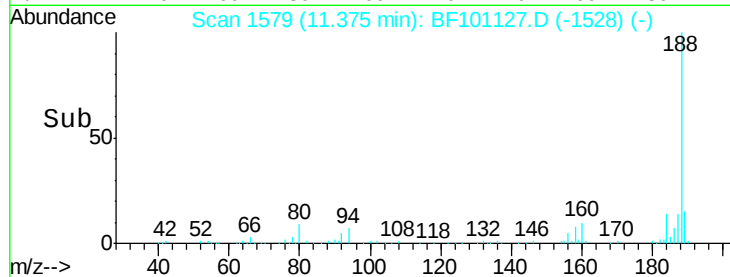
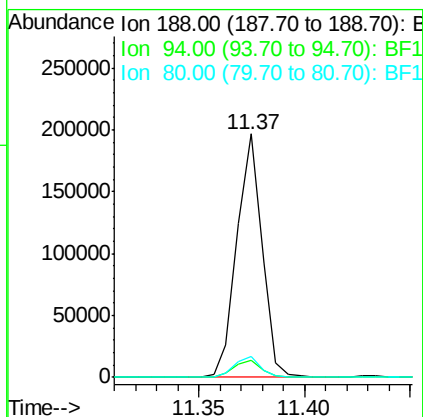
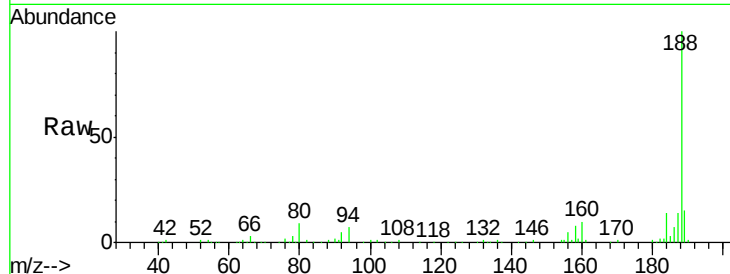




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101127.D
Acq: 5 Dec 2017 16:33

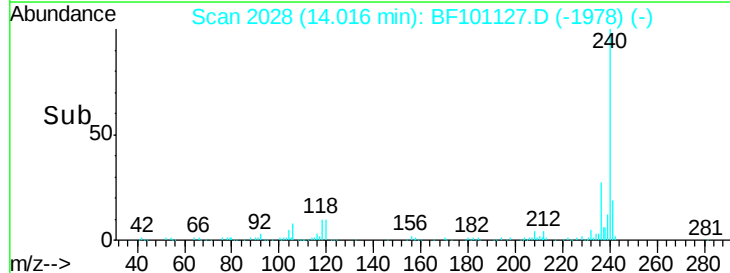
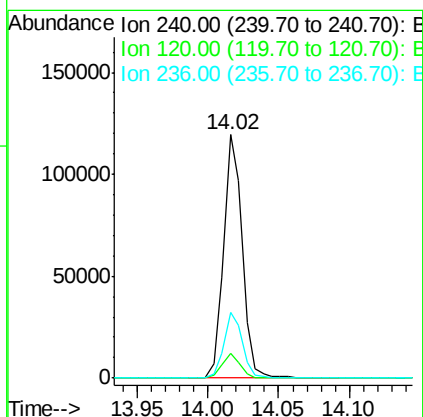
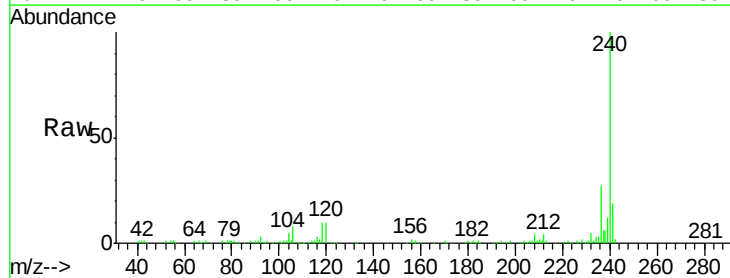
Instrument :
BNA_F
ClientSampled :
RT-3992

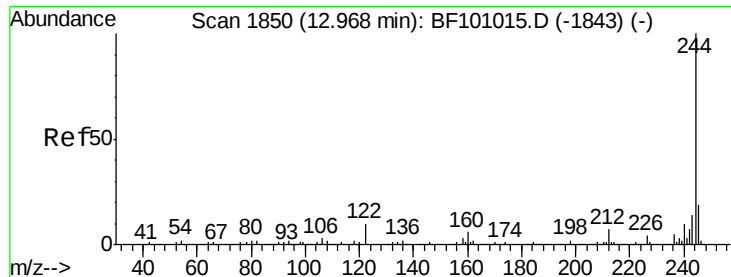
Tot Ion:188 Resp: 161661
Ion Ratio Lower Upper
188 100
94 7.2 8.5 12.7#
80 8.6 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101127.D
Acq: 5 Dec 2017 16:33

Tgt Ion:240 Resp: 109651
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 26.8 20.7 31.1

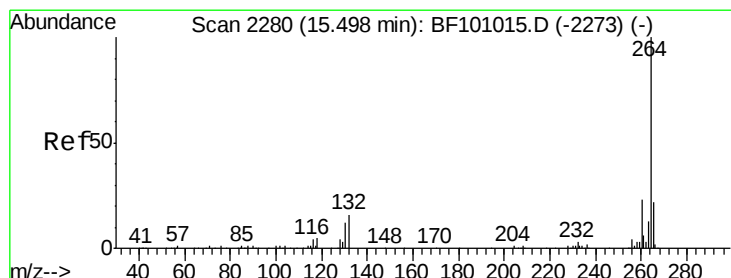
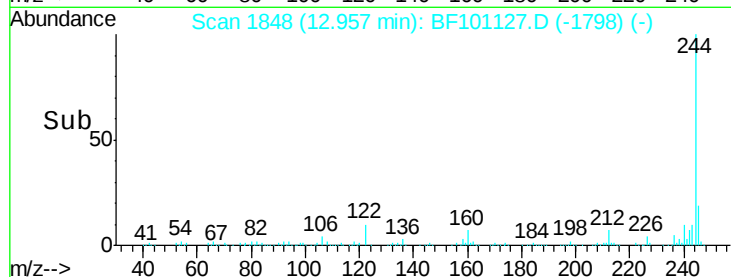
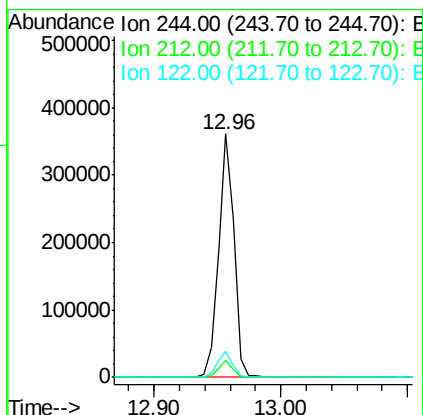
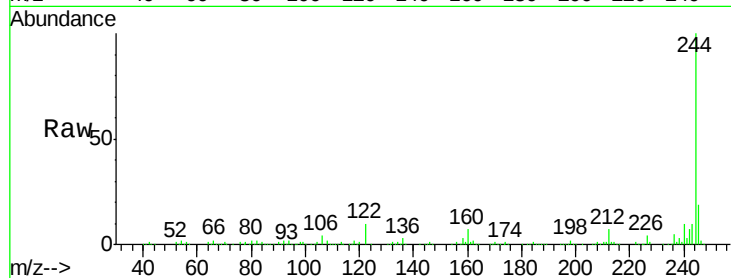




#78
 Terphenyl-d14
 Concen: 61.786 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101127.D
 Acq: 5 Dec 2017 16:33

Instrument :
 BNA_F
 ClientSampleID :
 RT-3992

Tot Ion:244 Resp: 309744
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 10.4 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: BF101127.D
 Acq: 5 Dec 2017 16:33

Tgt Ion:264 Resp: 112001
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 22.1 17.5 26.3

