

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101525.D
 Acq On : 19 Dec 2017 16:32
 Operator : SJ/JU
 Sample : I6908-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6

Quant Time: Dec 20 06:55:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

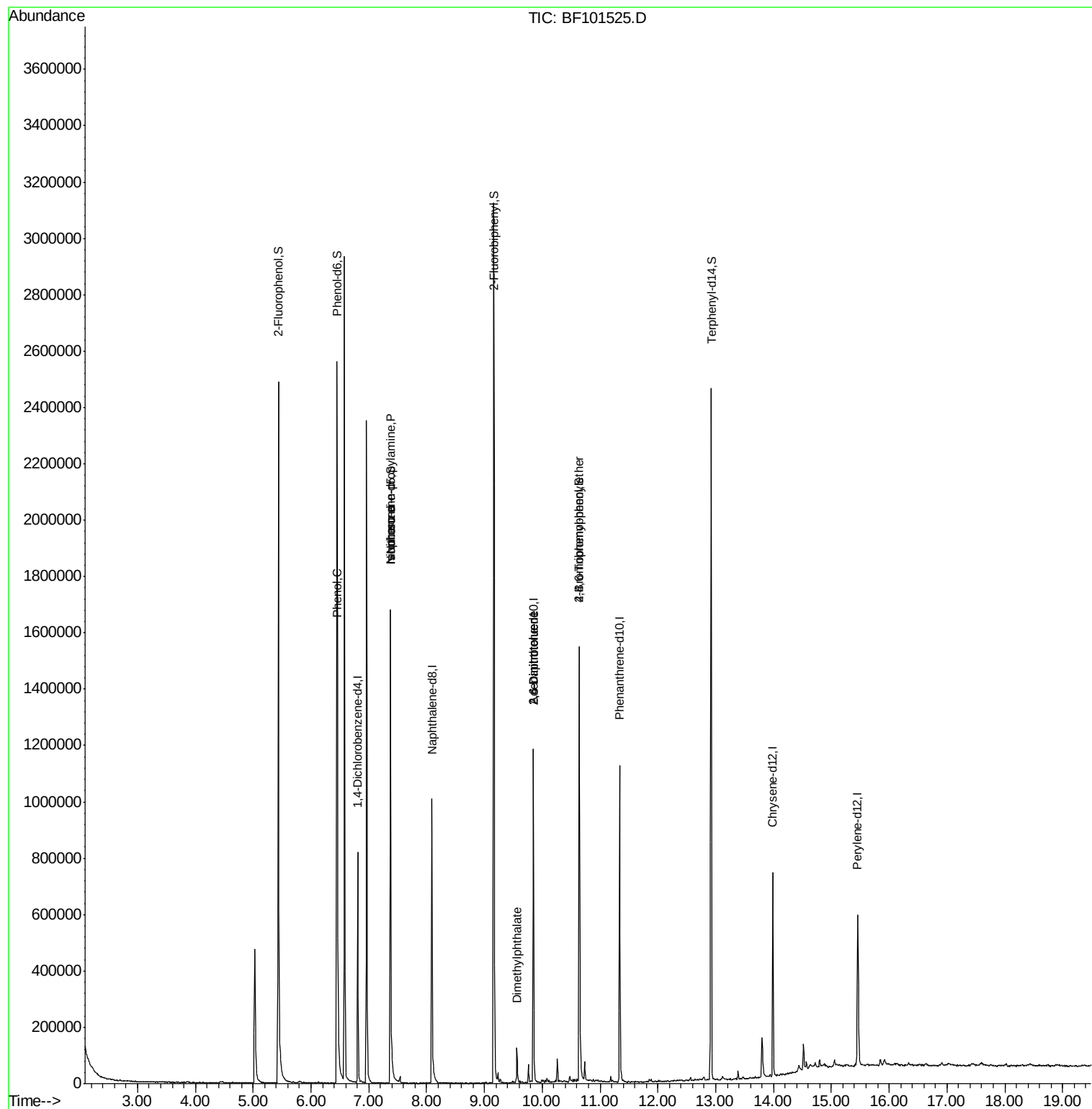
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	137616	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	549593	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	243387	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	442389	20.00	ng	0.00
75) Chrysene-d12	13.99	240	261911	20.00	ng	0.00
86) Perylene-d12	15.46	264	286615	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	841475	91.08	ng	0.01
7) Phenol-d6	6.45	99	999213	86.90	ng	0.00
23) Nitrobenzene-d5	7.37	82	638297	64.65	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	222156	94.73	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1038396	66.18	ng	0.00
78) Terphenyl-d14	12.92	244	849885	78.23	ng	0.00
Target Compounds						
10) Phenol	6.46	94	42216	3.221	ng	86
19) n-Nitroso-di-n-propylamine	7.37	70	81575	10.803	ng	# 82
25) Isophorone	7.37	82	638293	32.227	ng	# 64
49) Dimethylphthalate	9.56	163	56365	2.879	ng	97
50) 2,6-Dinitrotoluene	9.85	165	30518	7.670	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	30518	6.808	ng	# 23
66) 4-Bromophenyl-phenylether	10.64	248	13416	2.699	ng	# 1

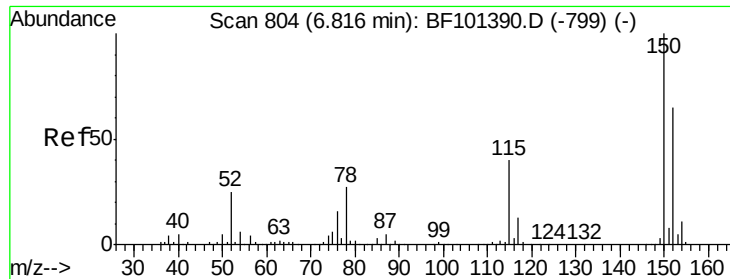
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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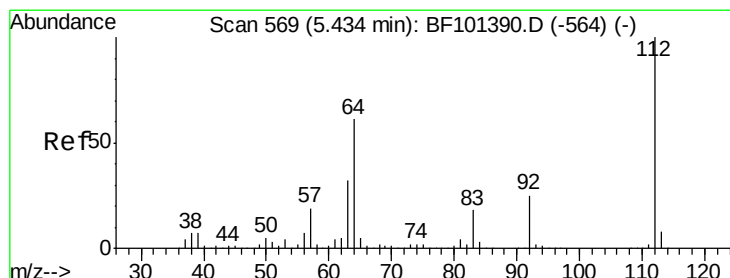
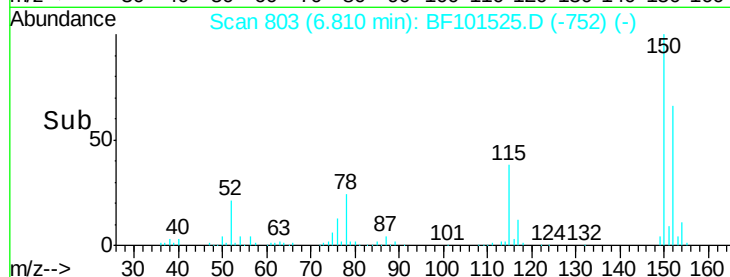
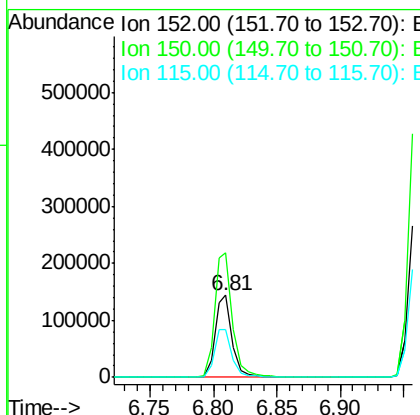
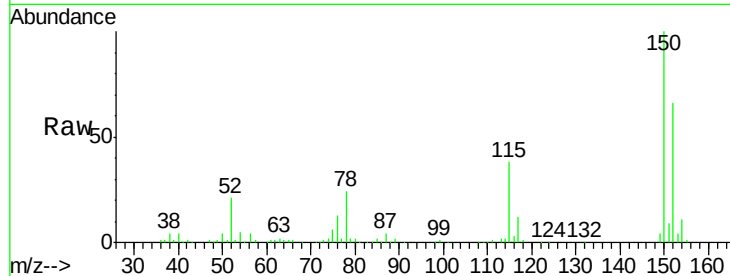


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF101525.D
Acq: 19 Dec 2017 16:32

Instrument :
BNA_F
ClientSampled :
6

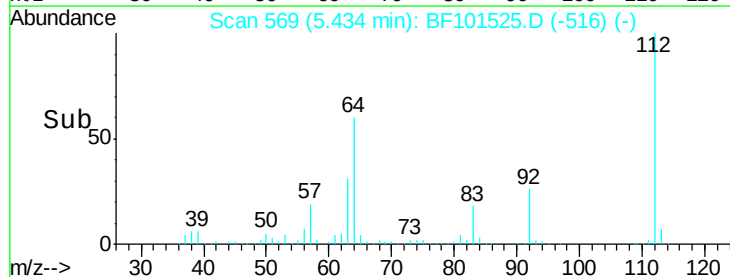
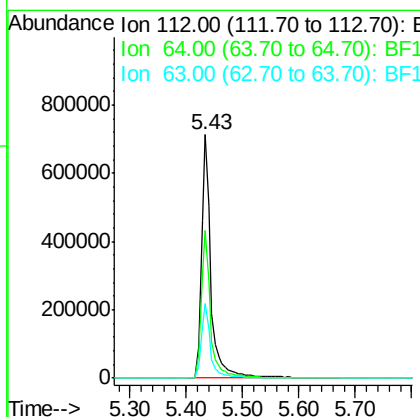
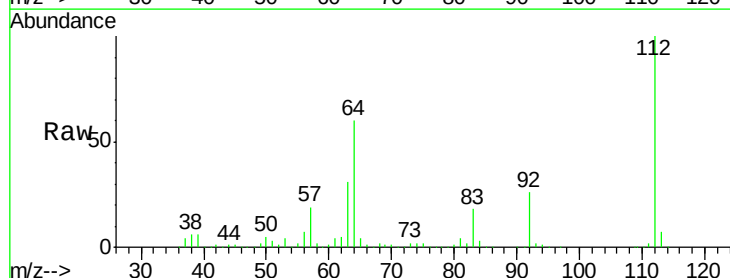
Tot Ion:152 Resp: 137616
Ion Ratio Lower Upper
152 100
150 152.6 124.6 186.8
115 58.3 50.1 75.1

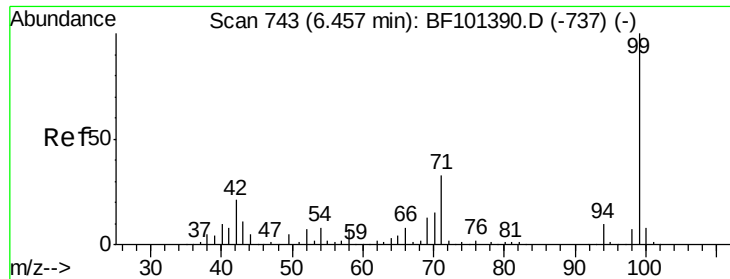


#5

2-Fluorophenol
Concen: 91.083 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101525.D
Acq: 19 Dec 2017 16:32

Tgt Ion:112 Resp: 841475
Ion Ratio Lower Upper
112 100
64 60.4 47.9 71.9
63 30.9 23.7 35.5





#7

Phenol-d6

Concen: 86.905 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF101525.D

Acq: 19 Dec 2017 16:32

Instrument :

BNA_F

ClientSampled :

6

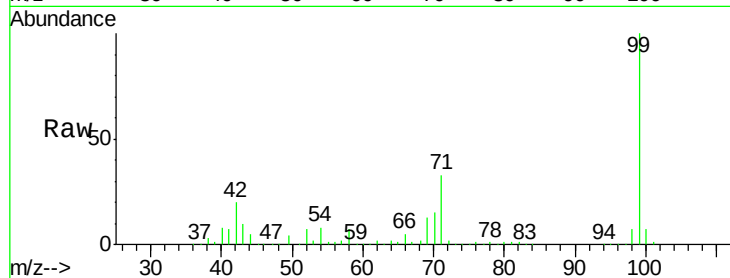
Tot Ion: 99 Resp: 999213

Ion Ratio Lower Upper

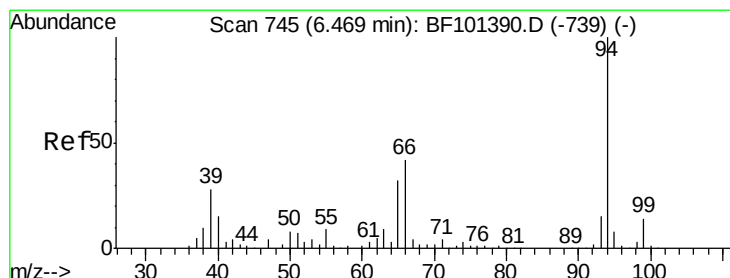
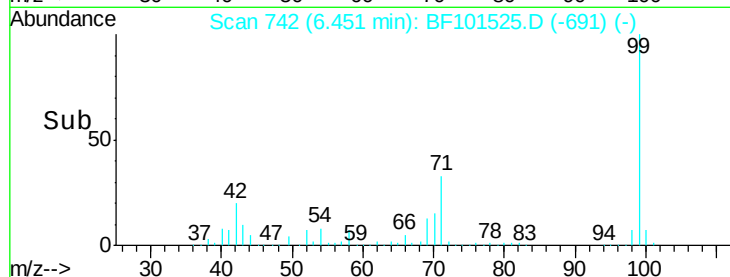
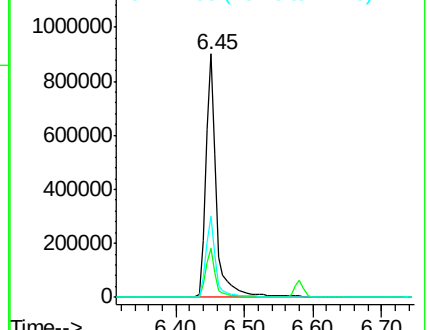
99 100

42 20.2 14.5 21.7

71 33.2 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: 3.221 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF101525.D

Acq: 19 Dec 2017 16:32

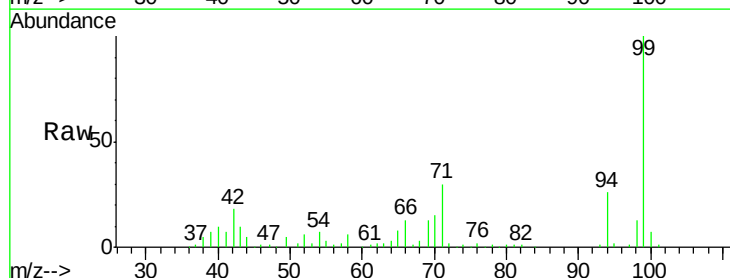
Tgt Ion: 94 Resp: 42216

Ion Ratio Lower Upper

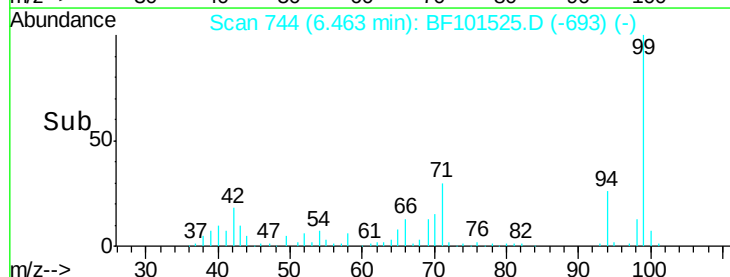
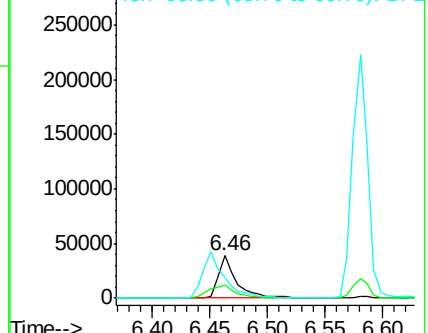
94 100

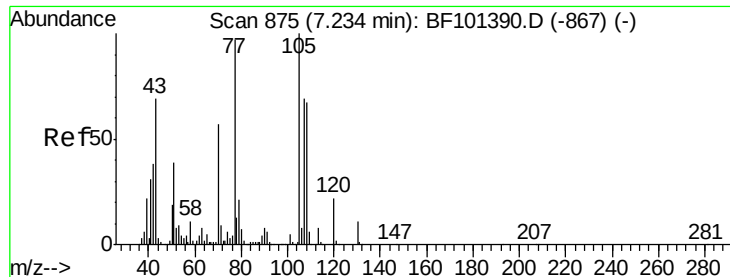
65 29.9 7.9 47.9

66 48.6 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

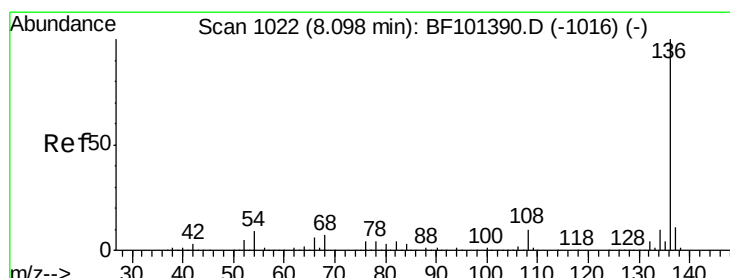
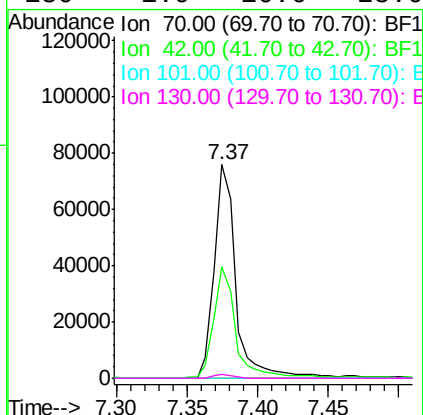
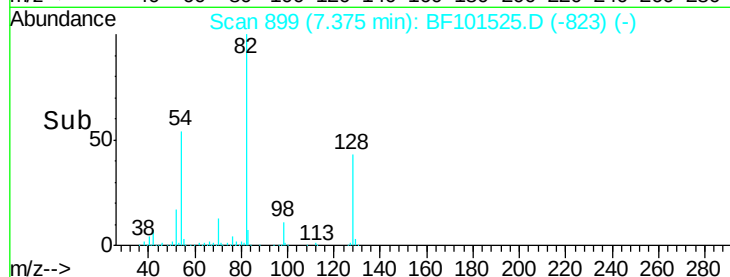
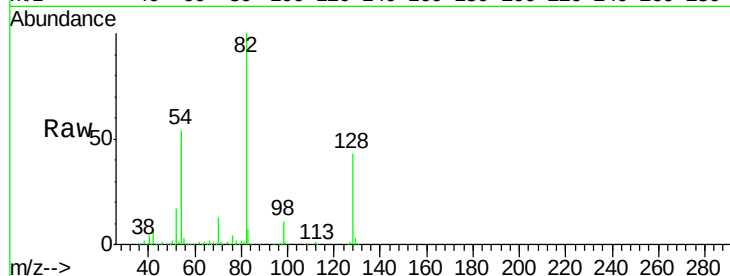




#19
n-Nitroso-di-n-propylamine
Concen: 10.803 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF101525.D
Acq: 19 Dec 2017 16:32

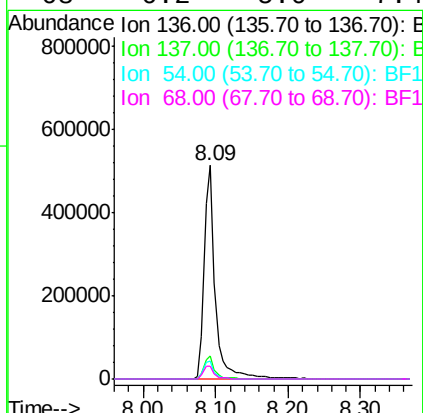
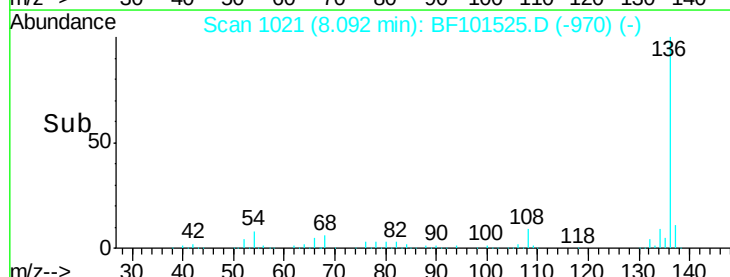
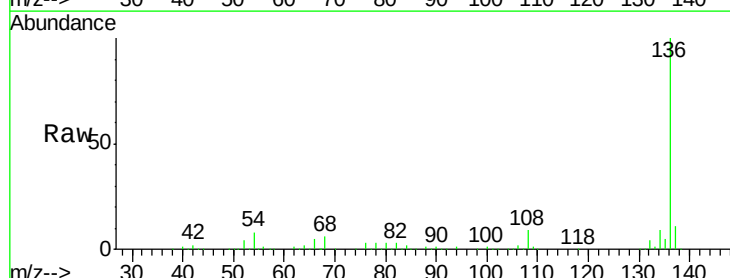
Instrument :
BNA_F
ClientSampled :
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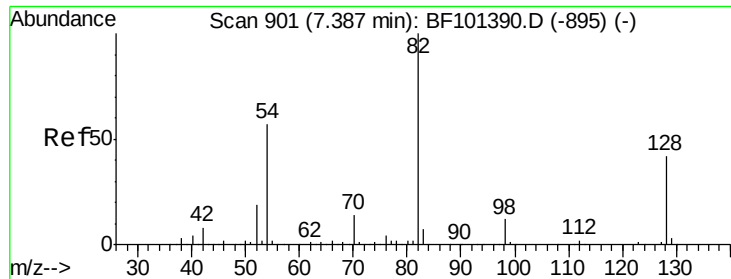
Tot Ion: 70 Resp: 81575
Ion Ratio Lower Upper
70 100
42 52.2 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101525.D
Acq: 19 Dec 2017 16:32

Tgt Ion: 136 Resp: 549593
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.1 6.6 9.8
68 6.2 5.0 7.4

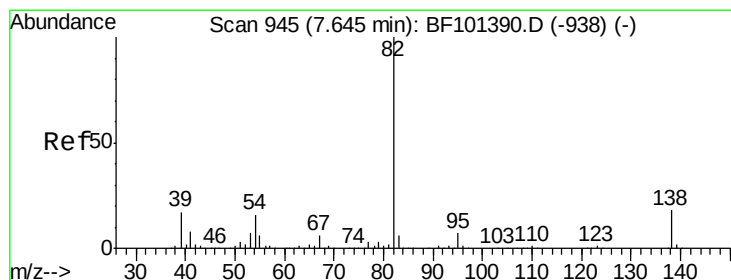
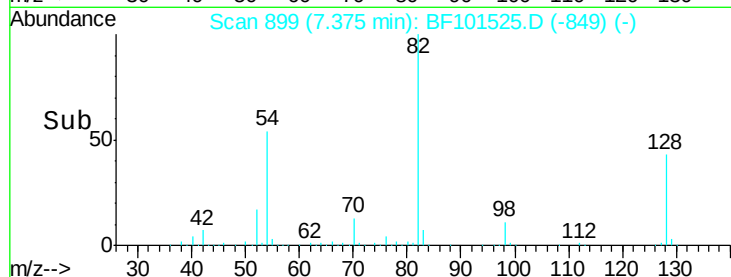
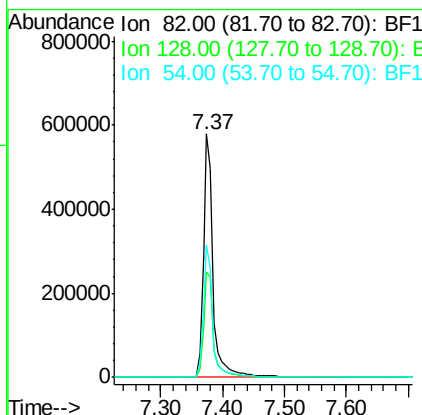
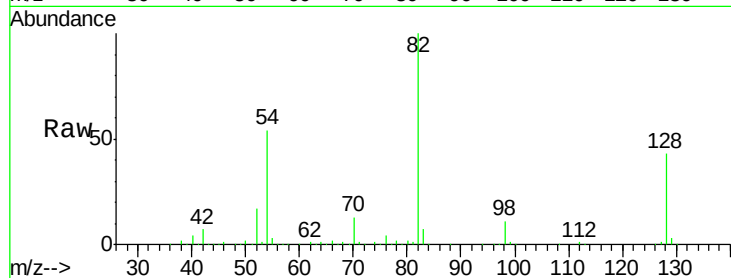




#23
Nitrobenzene-d5
Concen: 64.650 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF101525.D
Acq: 19 Dec 2017 16:32

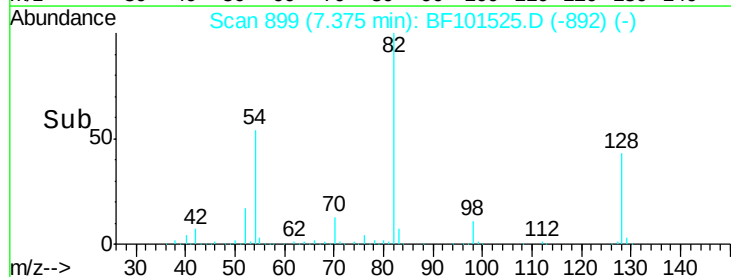
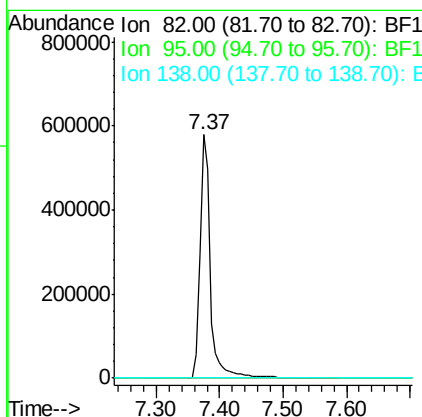
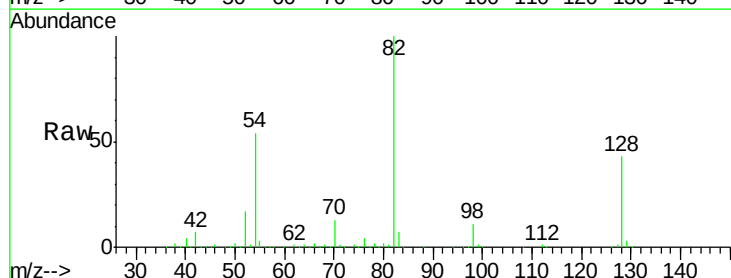
Instrument :
BNA_F
ClientSampled :
6

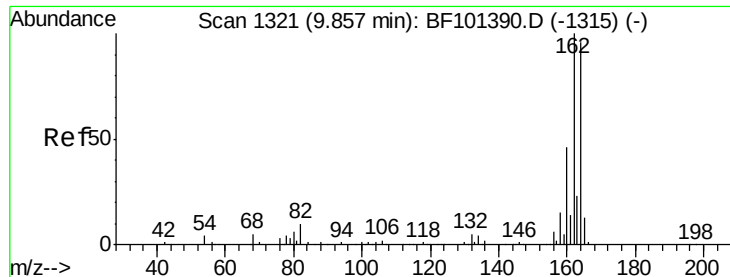
Tot Ion	82	Resp	638297
Ion Ratio	Lower	Upper	
82	100		
128	43.2	36.1	54.1
54	54.4	41.4	62.2



#25
Isophorone
Concen: 32.227 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF101525.D
Acq: 19 Dec 2017 16:32

Tgt Ion	82	Resp	638293
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

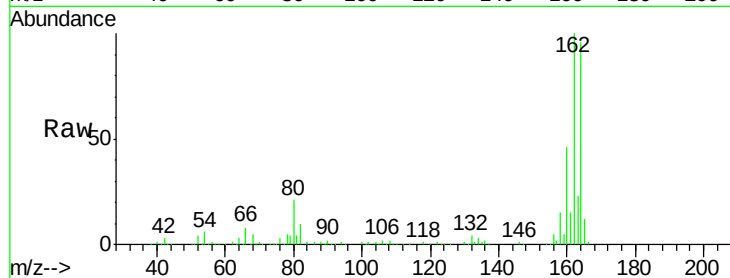




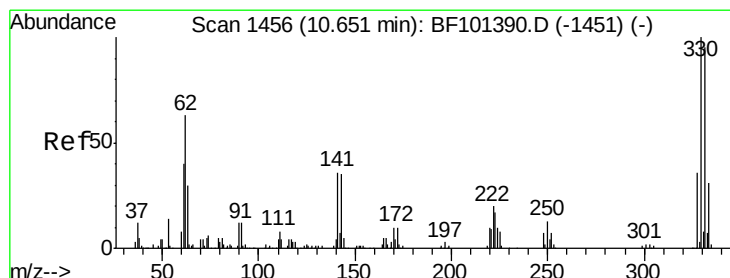
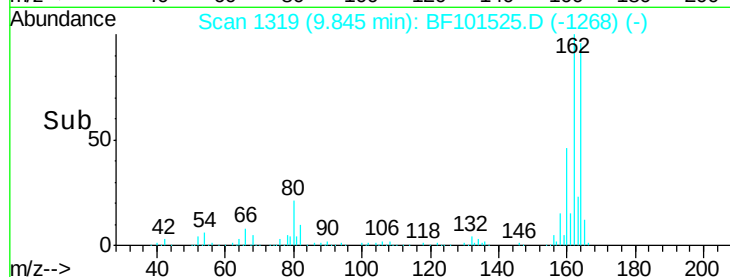
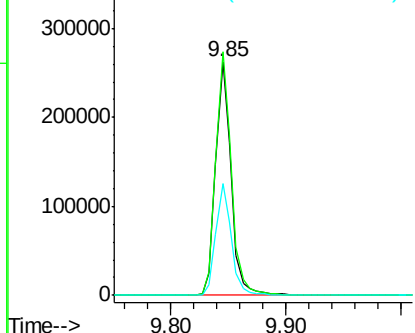
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF101525.D
 Acq: 19 Dec 2017 16:32

Instrument :
 BNA_F
 ClientSampleId :
 6

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	47.9	38.3	57.5

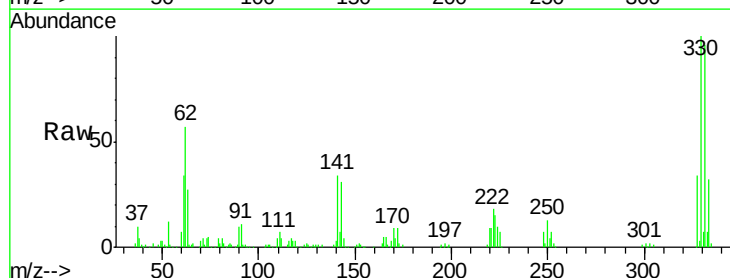


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

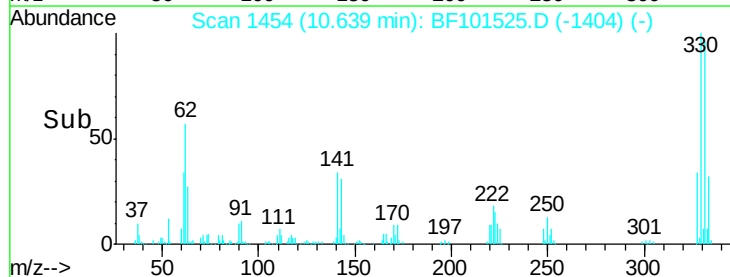
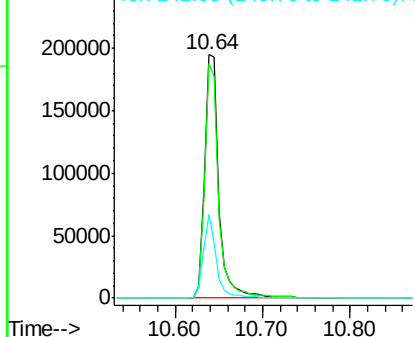


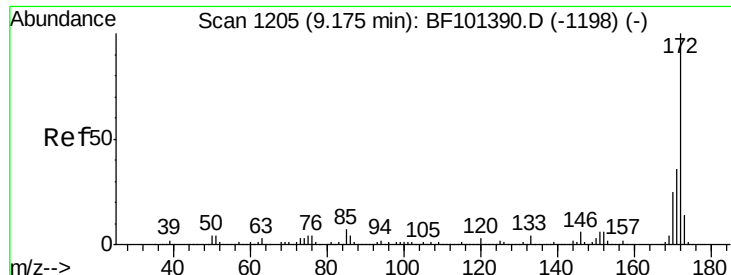
#41
 2,4,6-Tribromophenol
 Concen: 94.727 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF101525.D
 Acq: 19 Dec 2017 16:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	31.0	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

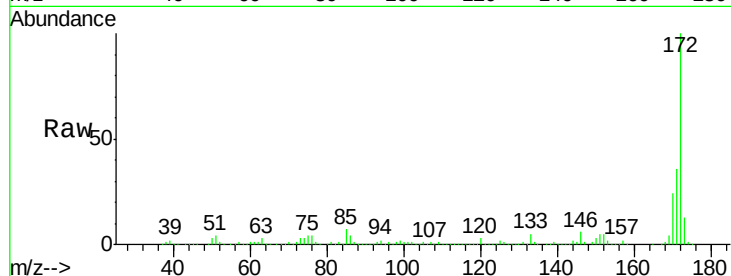




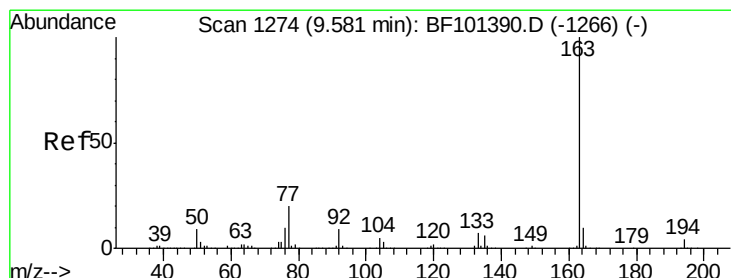
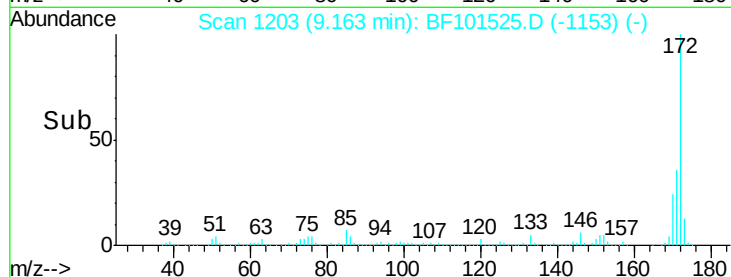
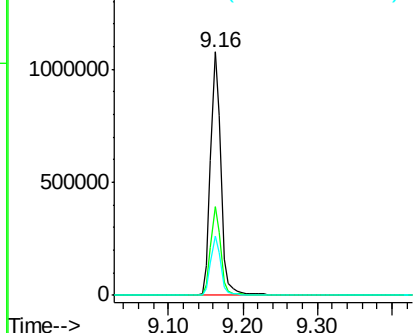
#44
2-Fluorobiphenyl
Concen: 66.183 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF101525.D
Acq: 19 Dec 2017 16:32

Instrument :
BNA_F
ClientSampleId :
6

Tot Ion:172 Resp: 1038396
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.5 19.6 29.4

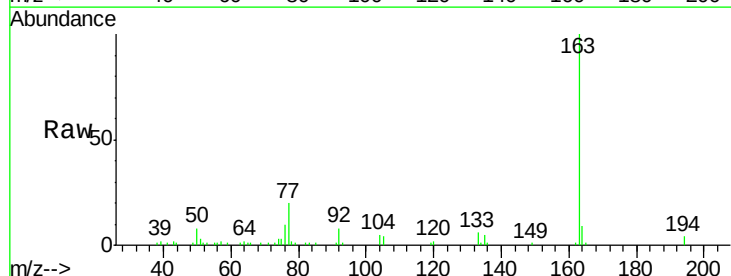


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

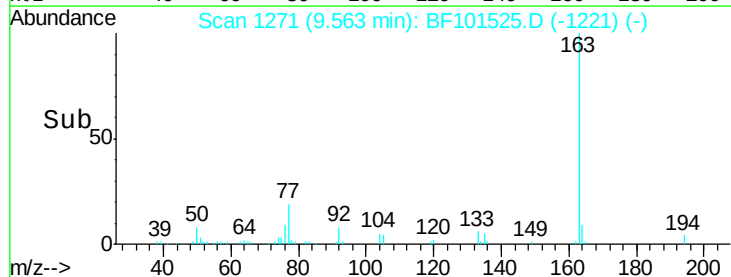
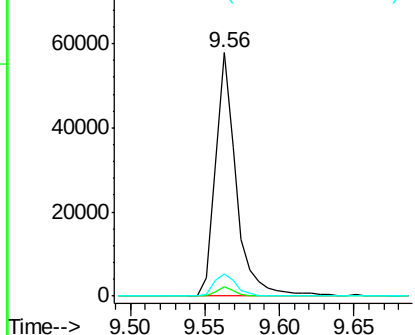


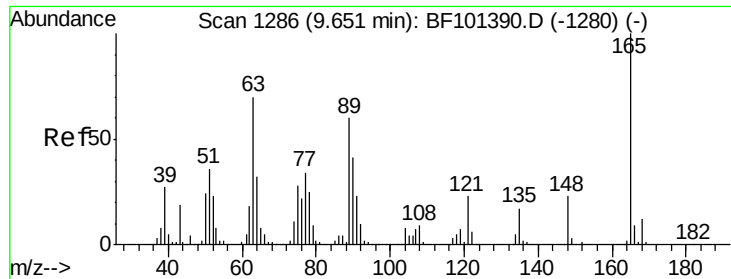
#49
Dimethylphthalate
Concen: 2.879 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101525.D
Acq: 19 Dec 2017 16:32

Tgt Ion:163 Resp: 56365
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 8.9 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

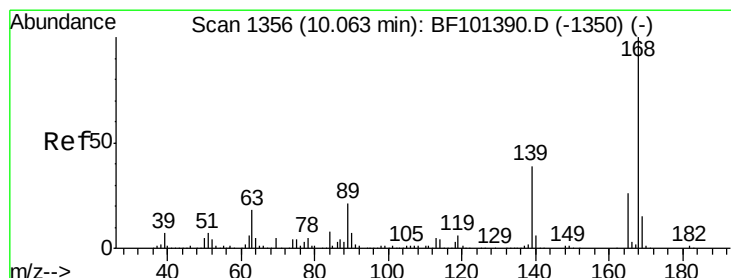
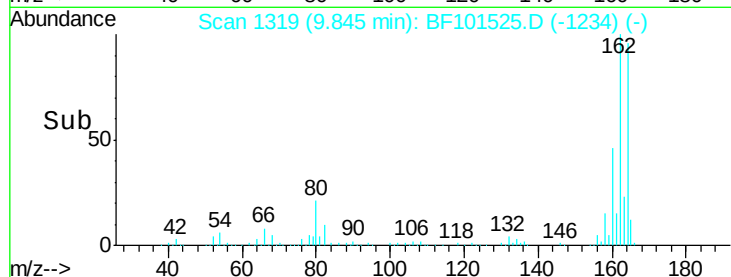
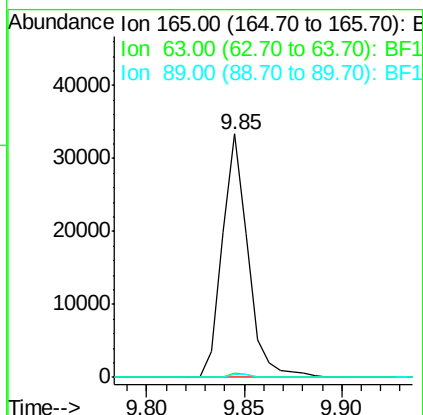
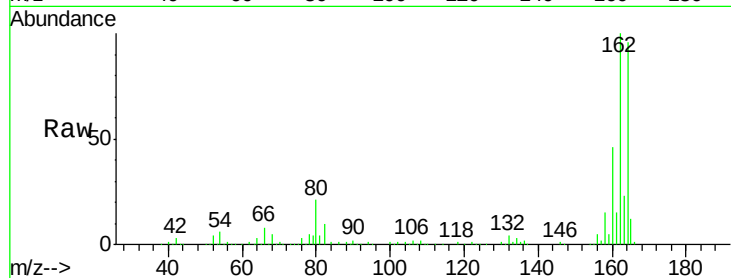




#50
 2,6-Dinitrotoluene
 Concen: 7.670 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.20 min
 Lab File: BF101525.D
 Acq: 19 Dec 2017 16:32

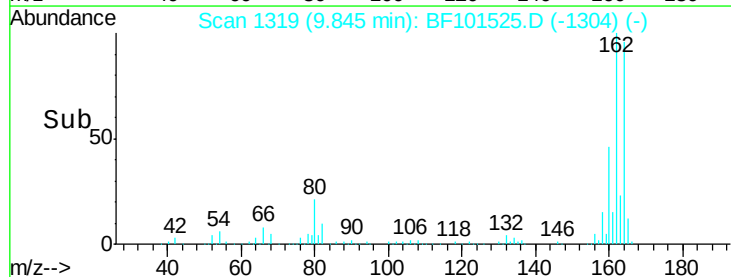
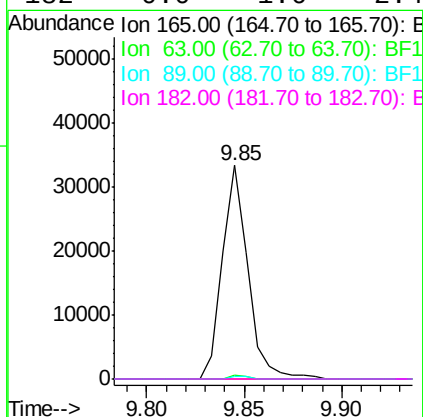
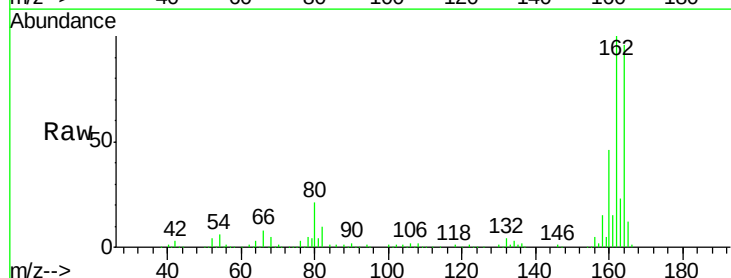
Instrument :
 BNA_F
 ClientSampleId :
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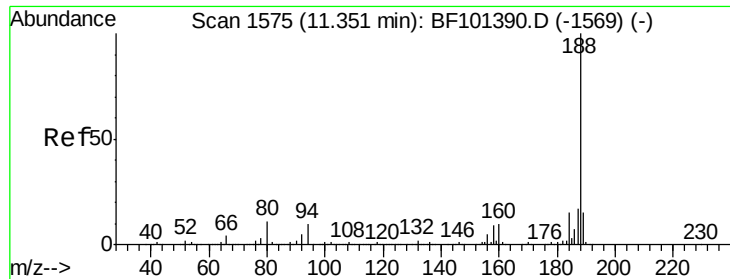
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.808 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF101525.D
 Acq: 19 Dec 2017 16:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

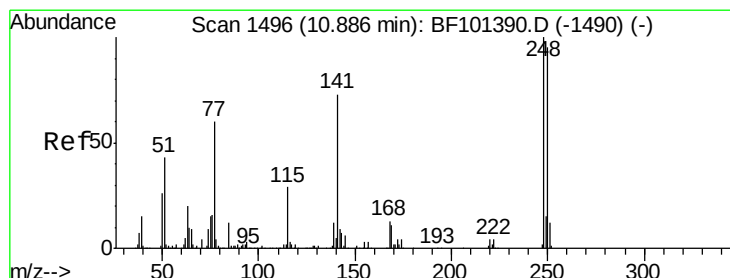
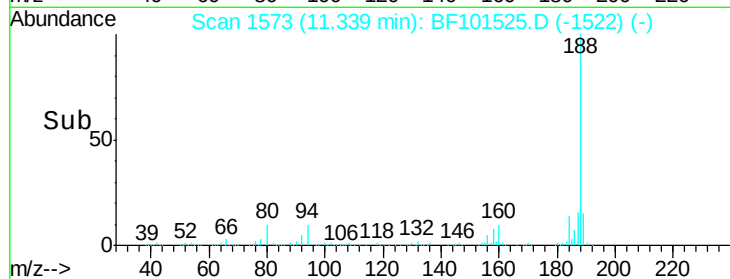
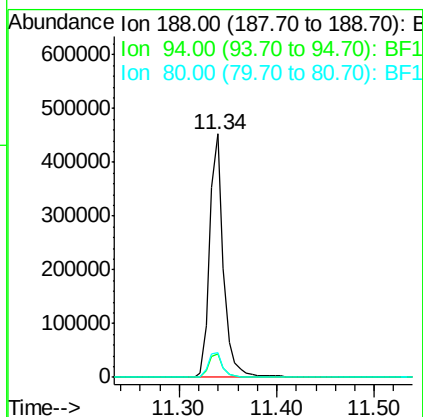
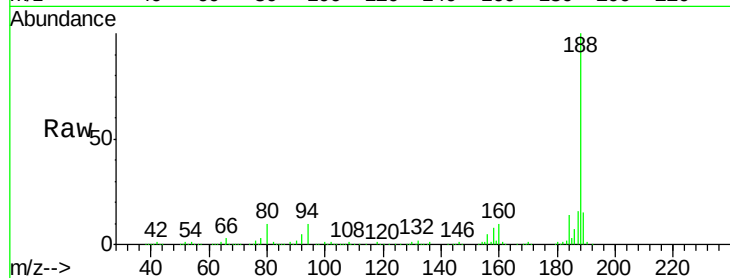




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF101525.D
Acq: 19 Dec 2017 16:32

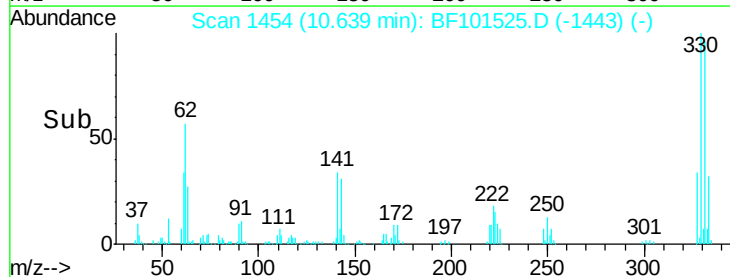
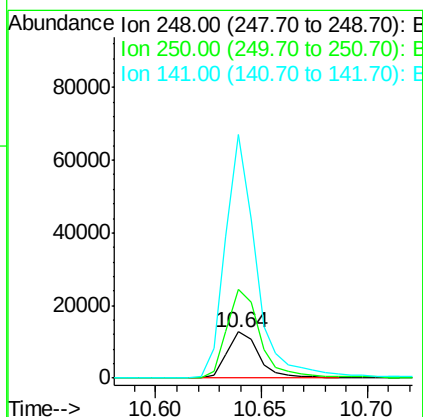
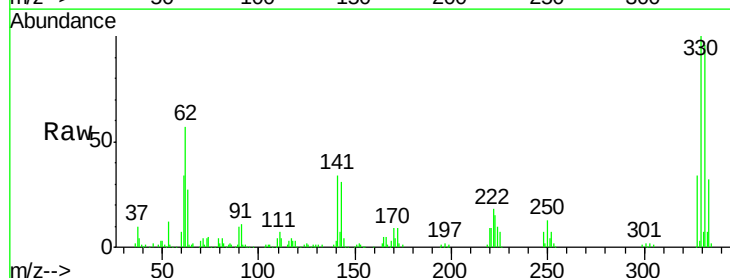
Instrument :
BNA_F
ClientSampleId :
6

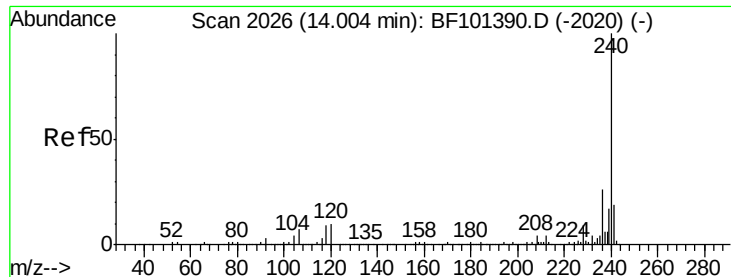
Tot Ion:188 Resp: 442389
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.4 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.699 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF101525.D
Acq: 19 Dec 2017 16:32

Tgt Ion:248 Resp: 13416
Ion Ratio Lower Upper
248 100
250 192.9 76.9 115.3#
141 527.8 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF101525.D

Acq: 19 Dec 2017 16:32

Instrument :

BNA_F

ClientSampleId :

6

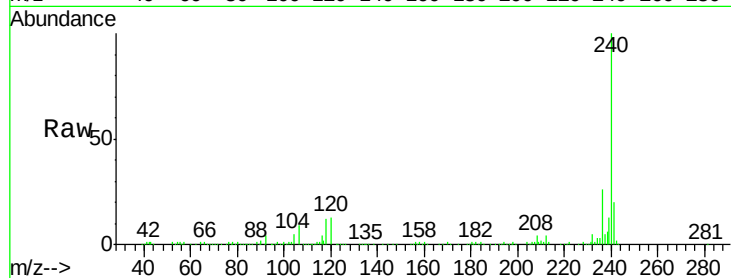
Tot Ion:240 Resp: 261911

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

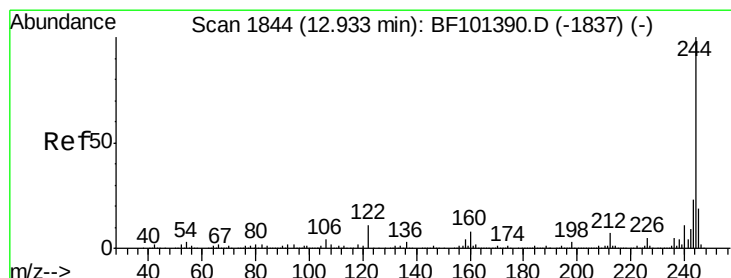
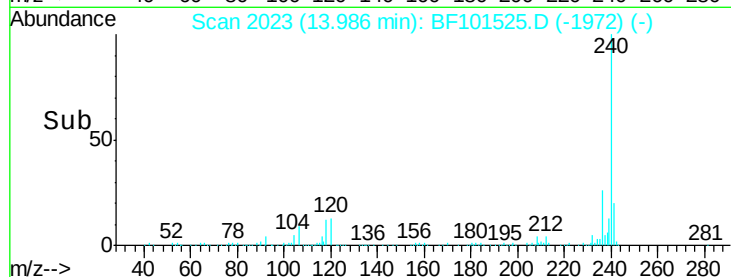
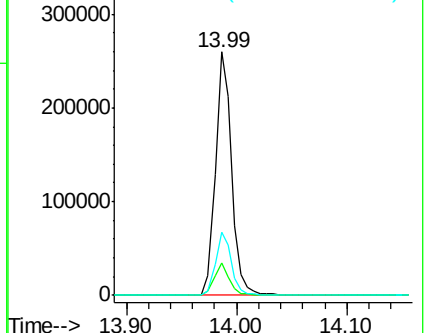
236 26.1 20.7 31.1



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: 78.228 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF101525.D

Acq: 19 Dec 2017 16:32

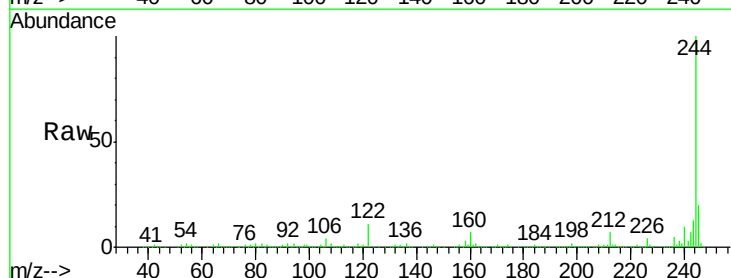
Tgt Ion:244 Resp: 849885

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

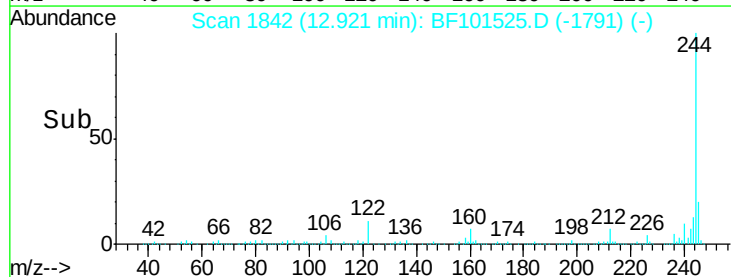
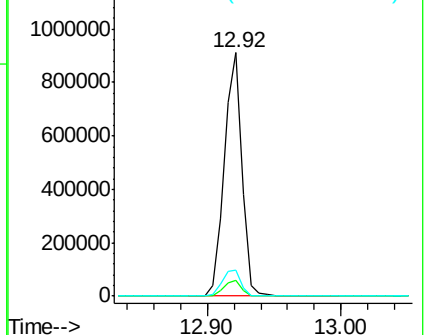
122 10.8 11.0 16.4#

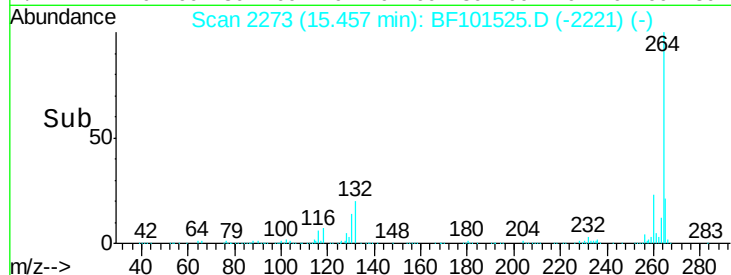
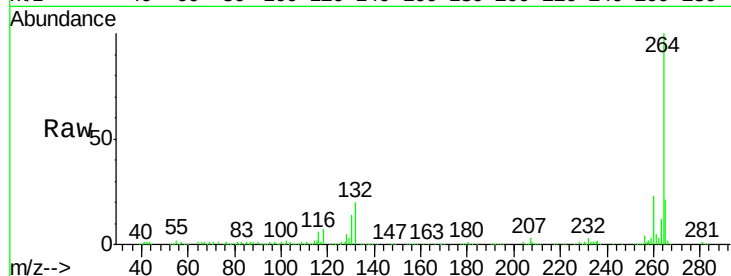
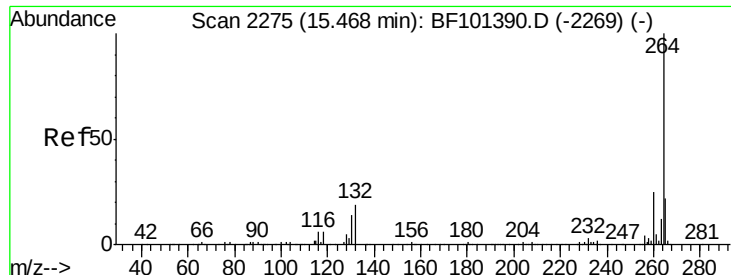


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF101525.D
Acq: 19 Dec 2017 16:32

Instrument :
BNA_F
ClientSampleId :
6

Tot Ion:	264	Resp:	286615
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.0	17.5	26.3

