

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101621.D
 Acq On : 21 Dec 2017 21:41
 Operator : SJ/JU
 Sample : I6920-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 00:53:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

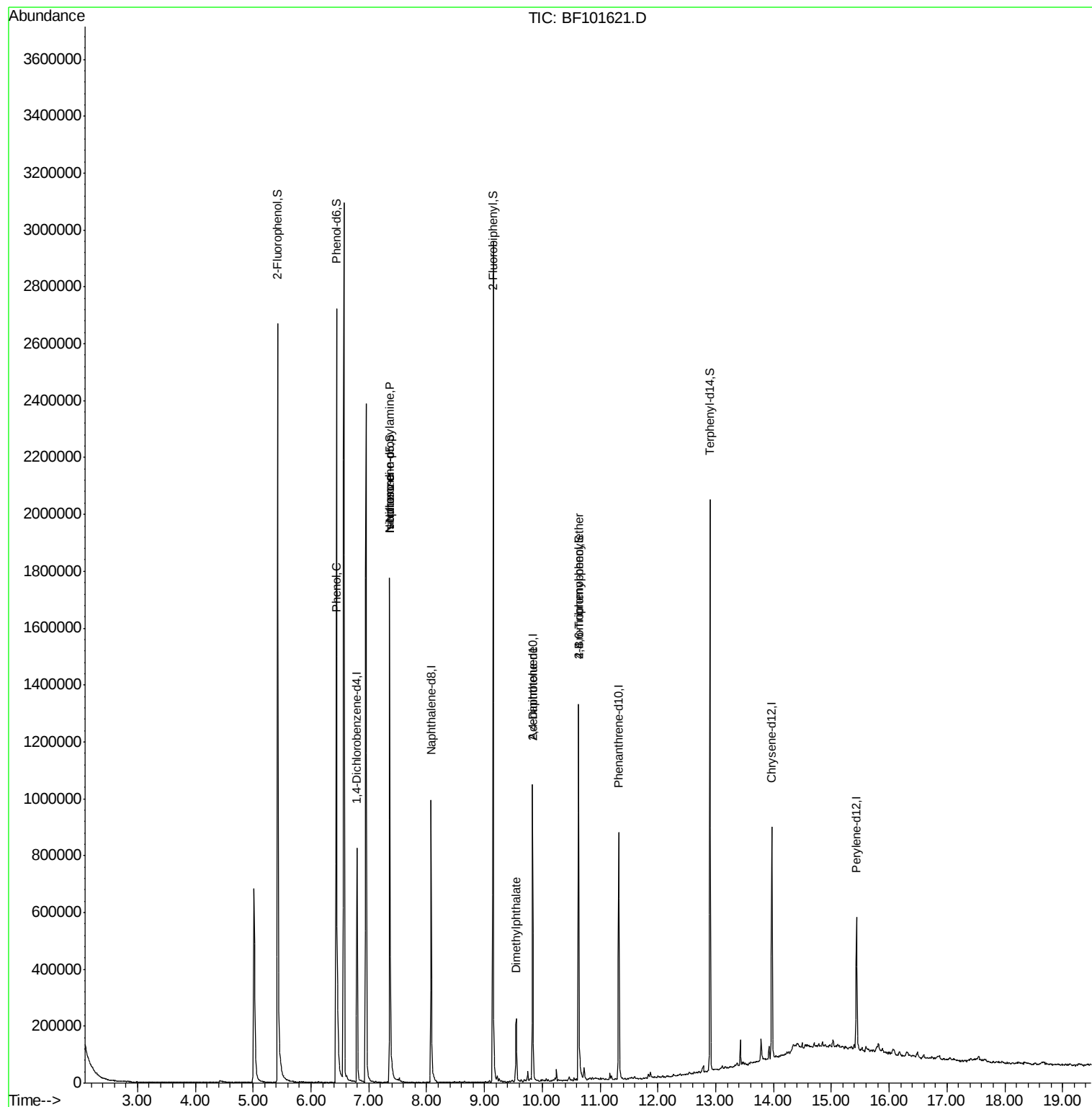
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	137835	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	527838	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	207724	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	320983	20.00	ng	0.00
75) Chrysene-d12	13.97	240	294352	20.00	ng	0.00
86) Perylene-d12	15.44	264	241451	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	913021	98.67	ng	0.01
7) Phenol-d6	6.44	99	1072579	93.14	ng	0.00
23) Nitrobenzene-d5	7.36	82	680417	71.76	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	166689	83.28	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	937300	70.00	ng	0.00
78) Terphenyl-d14	12.90	244	660531	54.10	ng	0.00
Target Compounds						
10) Phenol	6.45	94	41719	3.178	ng	82
19) n-Nitroso-di-n-propylamine	7.36	70	90678	11.990	ng	# 84
25) Isophorone	7.36	82	680417	35.770	ng	# 64
49) Dimethylphthalate	9.55	163	102217	6.118	ng	98
56) 2,4-Dinitrotoluene	9.83	165	26731	6.987	ng	# 24
66) 4-Bromophenyl-phenylether	10.63	248	10690	2.964	ng	# 1

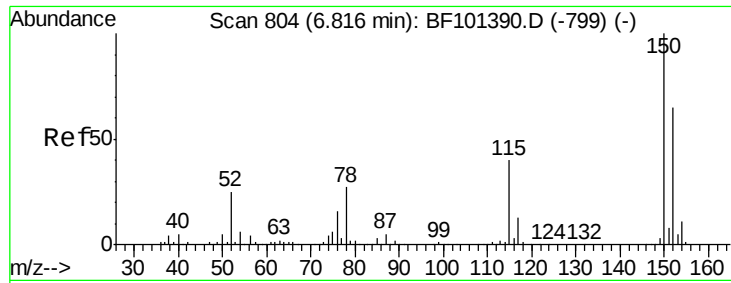
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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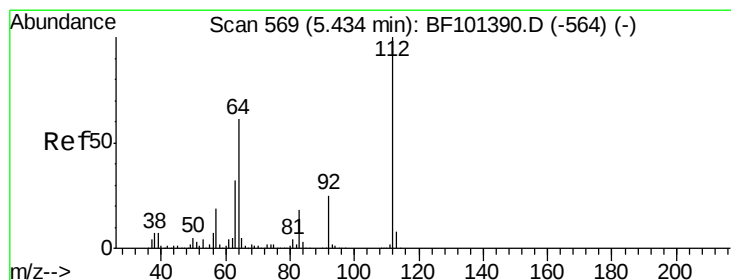
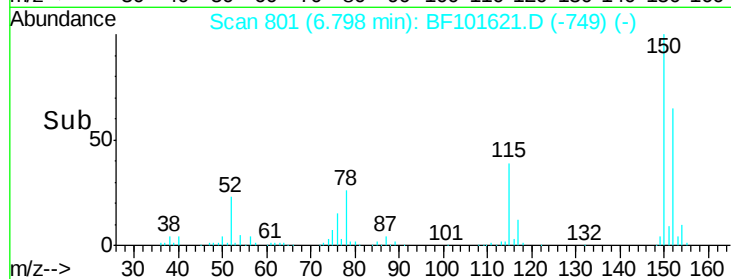
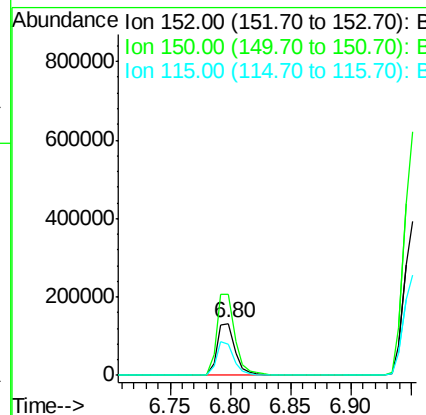
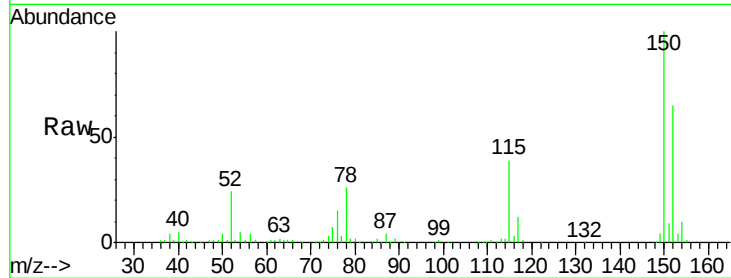




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF101621.D
 Acq: 21 Dec 2017 21:41

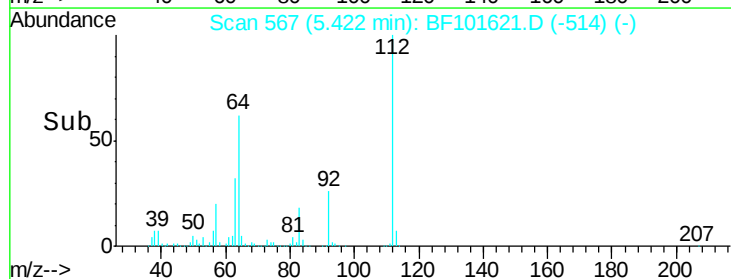
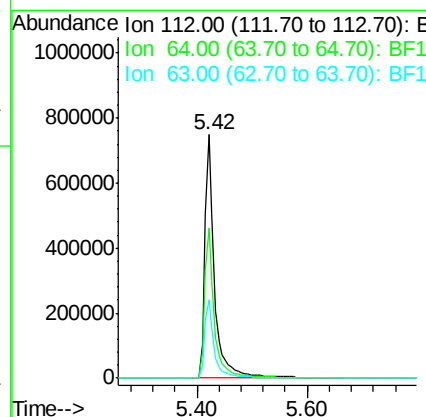
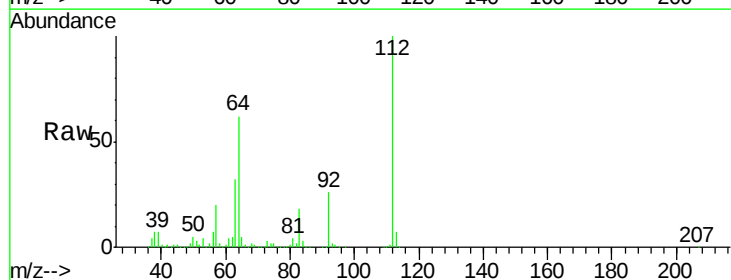
Instrument :
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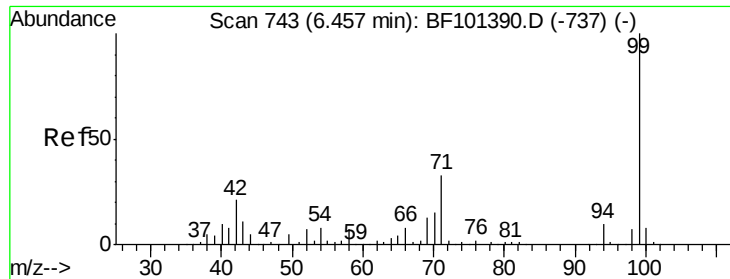
Tot Ion:152 Resp: 137835
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.6 186.8
 115 59.9 50.1 75.1



#5
 2-Fluorophenol
 Concen: 98.670 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF101621.D
 Acq: 21 Dec 2017 21:41

Tgt Ion:112 Resp: 913021
 Ion Ratio Lower Upper
 112 100
 64 61.9 47.9 71.9
 63 32.2 23.7 35.5





#7

Phenol-d6

Concen: 93.138 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101621.D

Acq: 21 Dec 2017 21:41

Instrument :

BNA_F

ClientSampleId :

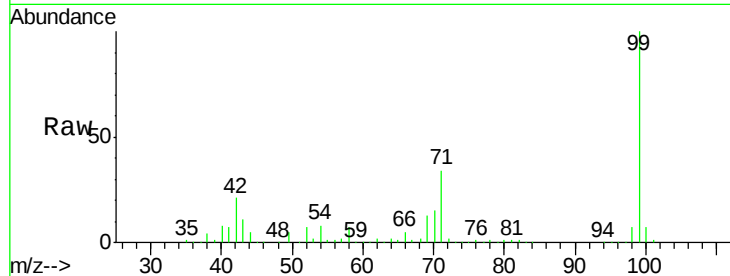
Tot Ion: 99 Resp: 1072579

Ion Ratio Lower Upper

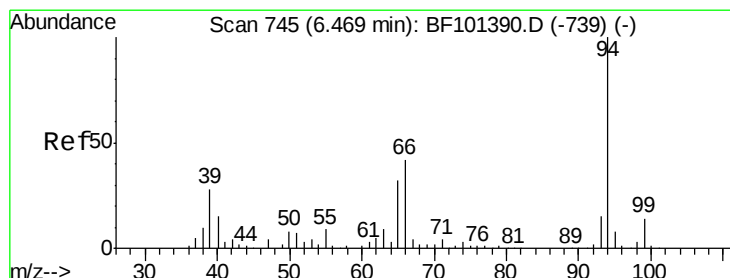
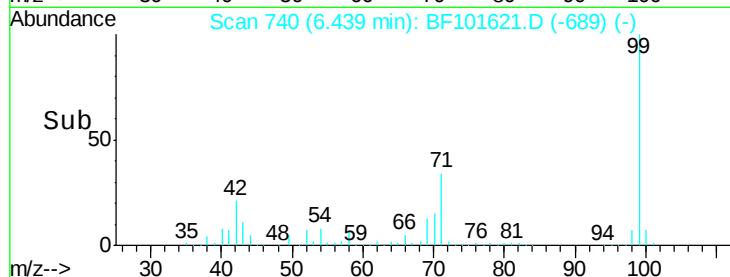
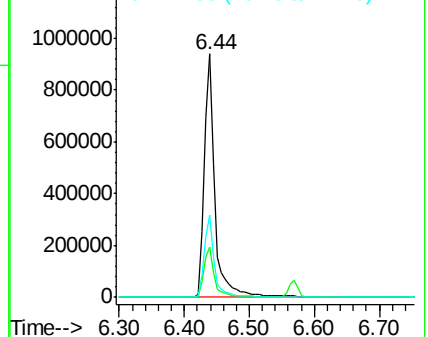
99 100

42 20.7 14.5 21.7

71 33.7 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: 3.178 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF101621.D

Acq: 21 Dec 2017 21:41

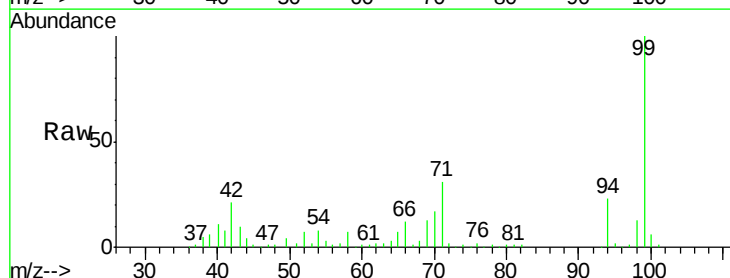
Tgt Ion: 94 Resp: 41719

Ion Ratio Lower Upper

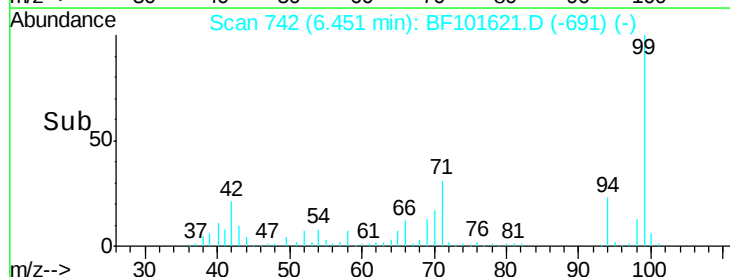
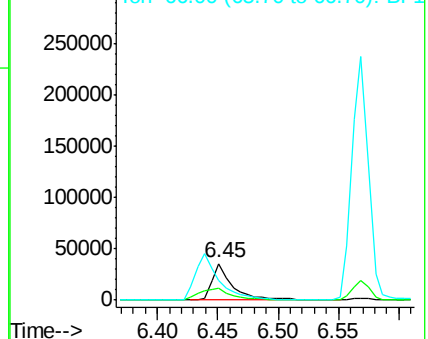
94 100

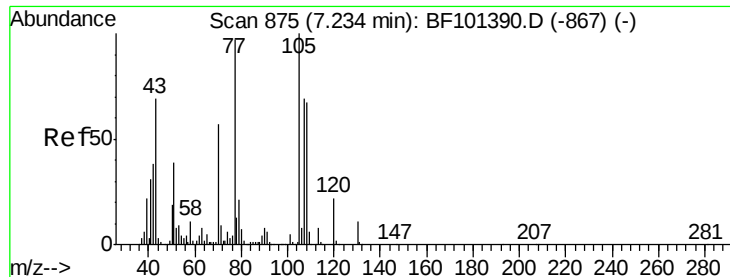
65 30.9 7.9 47.9

66 52.8 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

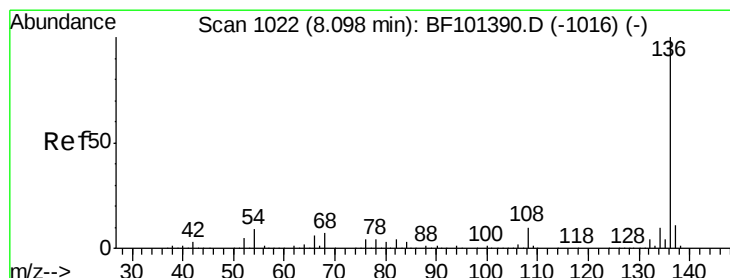
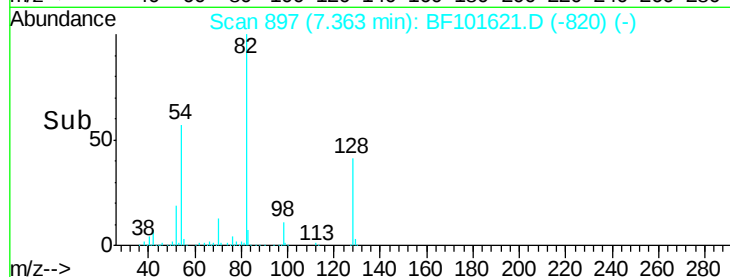
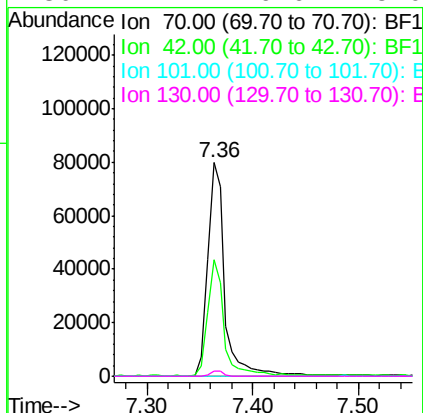
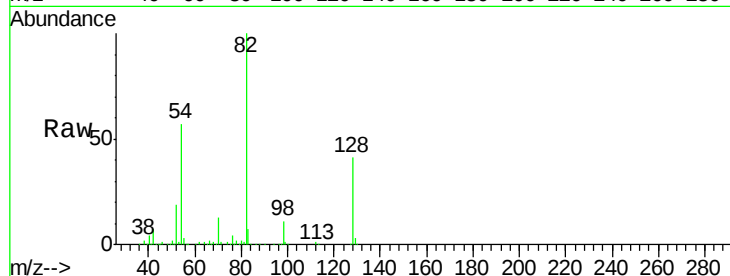




#19
n-Nitroso-di-n-propylamine
Concen: 11.990 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF101621.D
Acq: 21 Dec 2017 21:41

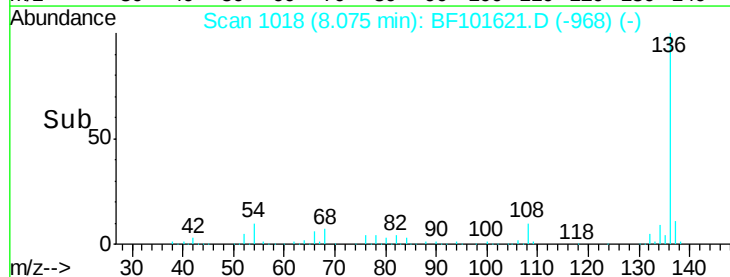
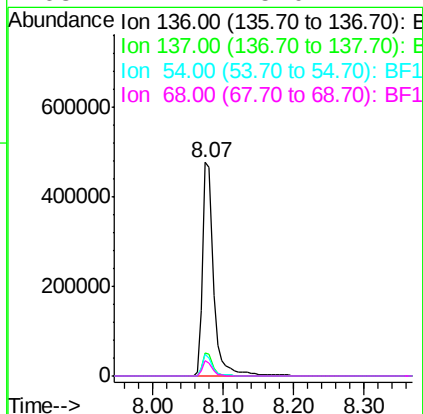
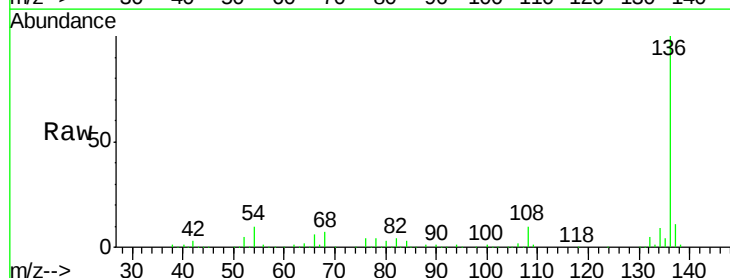
Instrument :
BNA_F
ClientSampleId :

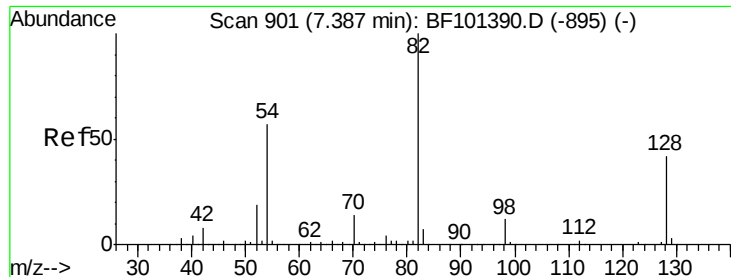
Tot Ion: 70 Resp: 90678
Ion Ratio Lower Upper
70 100
42 54.7 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101621.D
Acq: 21 Dec 2017 21:41

Tgt Ion: 136 Resp: 527838
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 10.2 6.6 9.8#
68 7.2 5.0 7.4

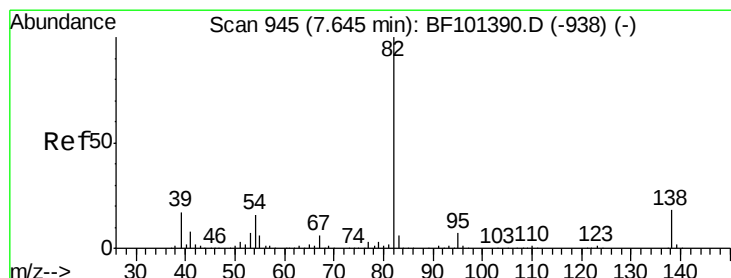
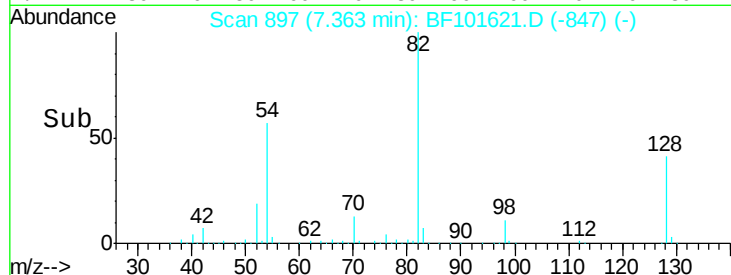
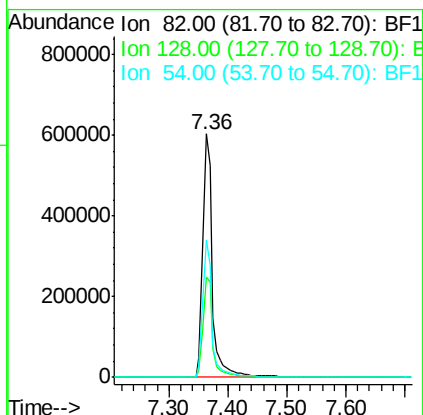
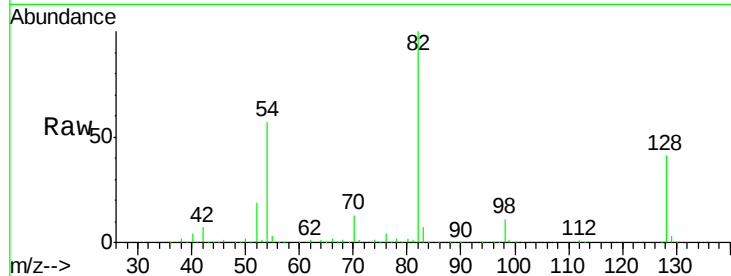




#23
 Nitrobenzene-d5
 Concen: 71.757 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF101621.D
 Acq: 21 Dec 2017 21:41

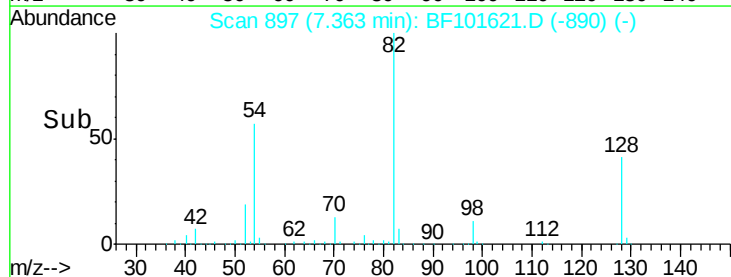
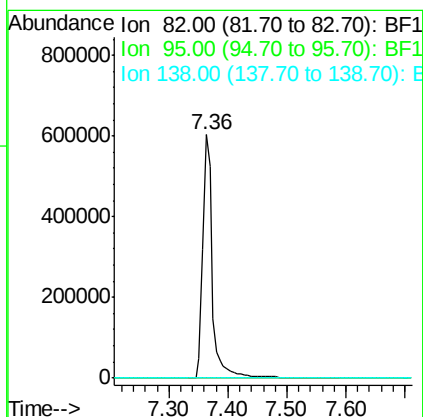
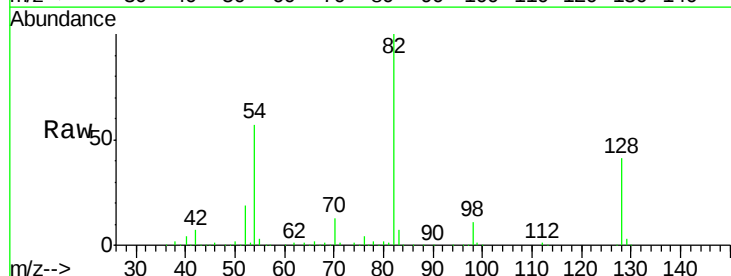
Instrument :
 BNA_F
 ClientSampleId :

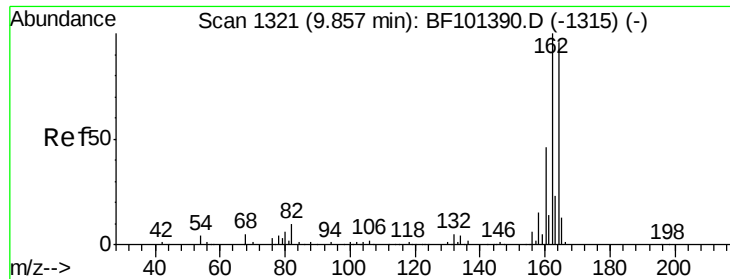
Tot Ion	82	Resp	680417
Ion Ratio	Lower	Upper	
82	100		
128	41.2	36.1	54.1
54	56.6	41.4	62.2



#25
 Isophorone
 Concen: 35.770 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.26 min
 Lab File: BF101621.D
 Acq: 21 Dec 2017 21:41

Tgt Ion	82	Resp	680417
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

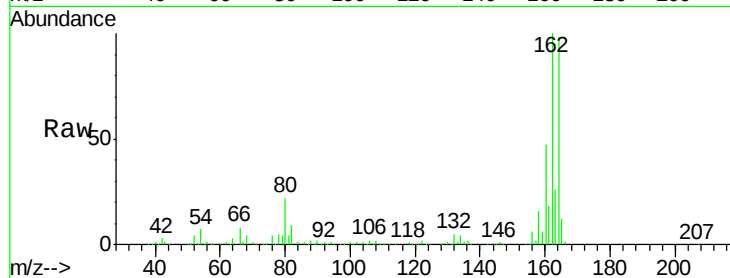




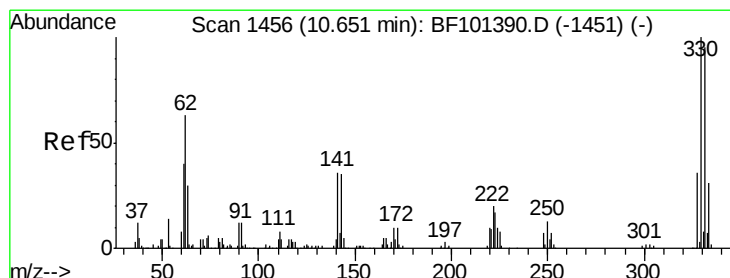
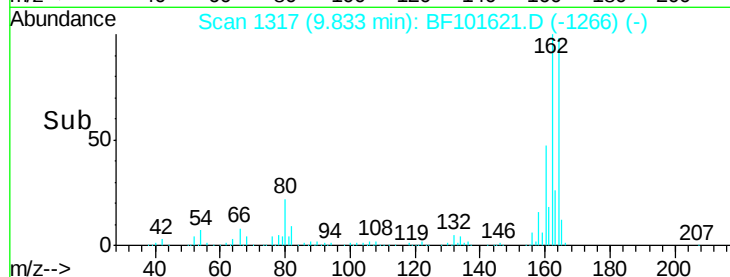
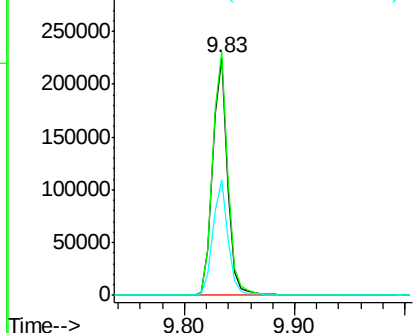
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF101621.D
 Acq: 21 Dec 2017 21:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 207724
 Ion Ratio Lower Upper
 164 100
 162 102.5 86.1 129.1
 160 48.6 38.3 57.5

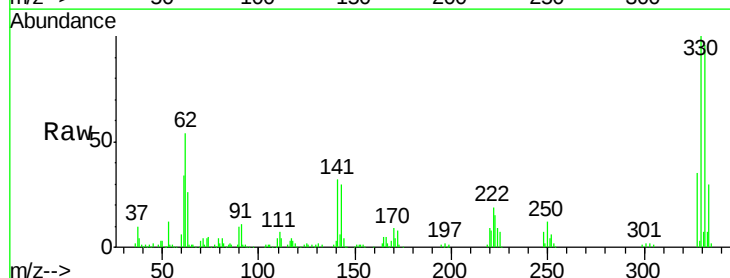


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

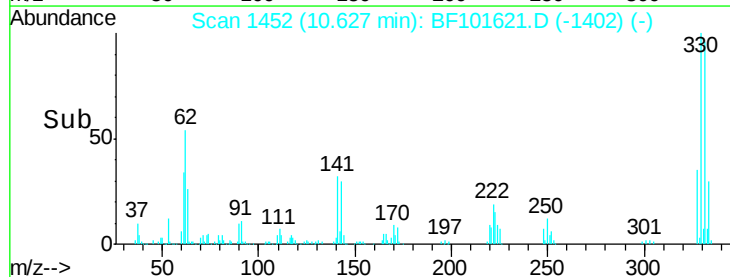
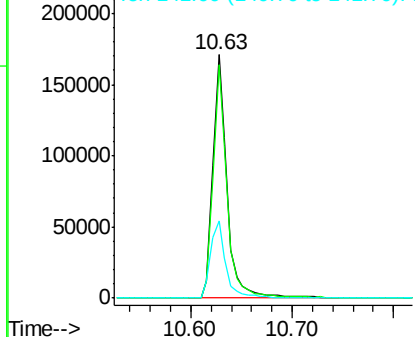


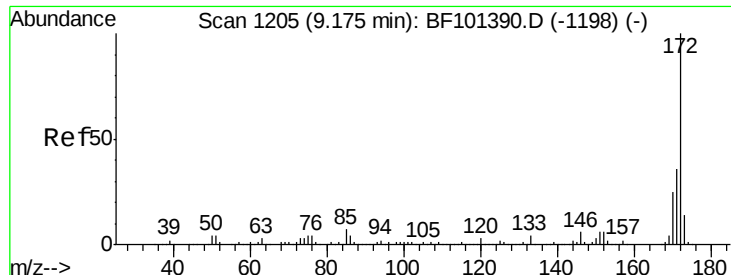
#41
 2,4,6-Tribromophenol
 Concen: 83.279 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101621.D
 Acq: 21 Dec 2017 21:41

Tgt Ion:330 Resp: 166689
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 34.4 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

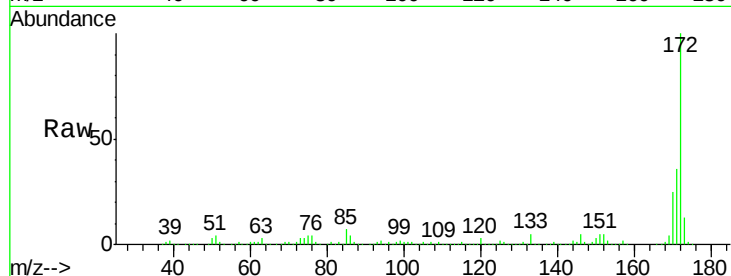




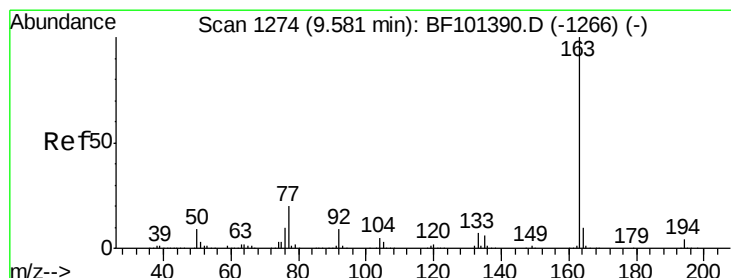
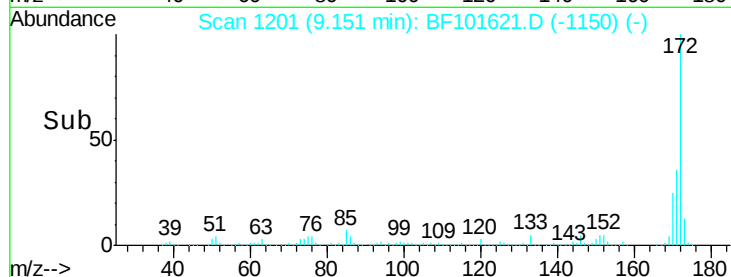
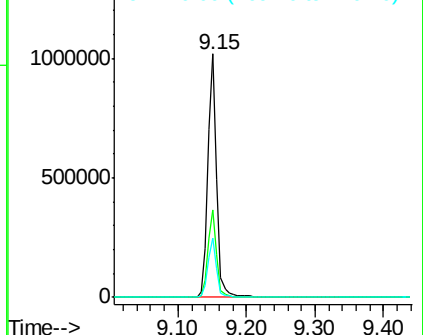
#44
2-Fluorobiphenyl
Concen: 69.996 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF101621.D
Acq: 21 Dec 2017 21:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 937300
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.5 19.6 29.4

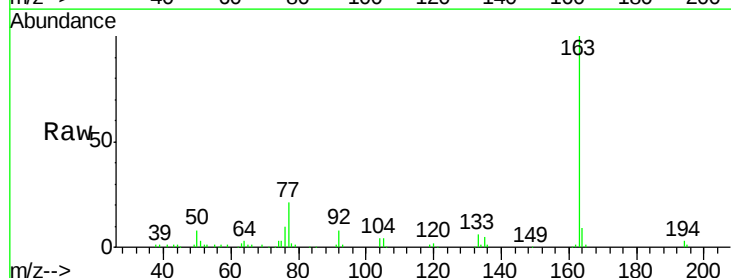


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

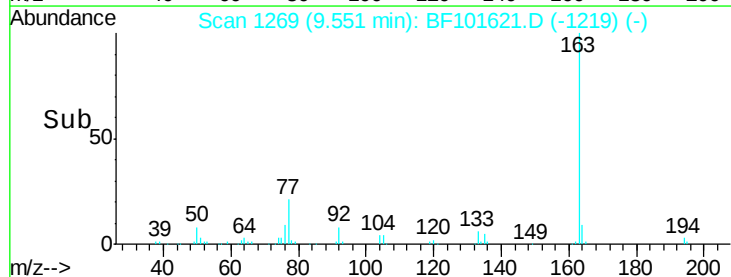
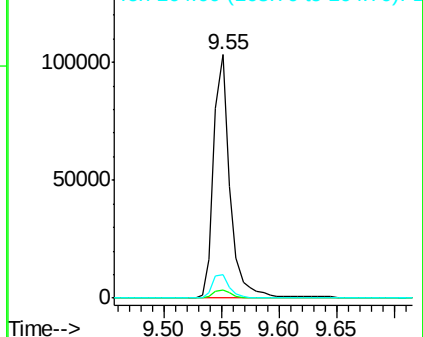


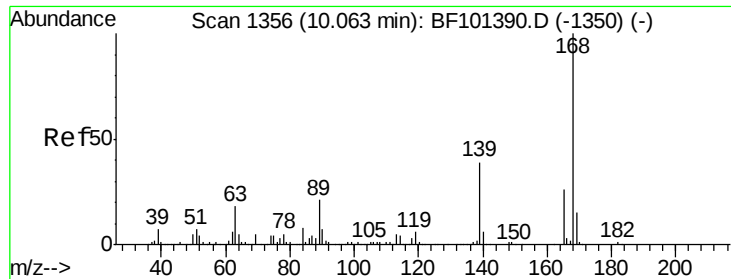
#49
Dimethylphthalate
Concen: 6.118 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF101621.D
Acq: 21 Dec 2017 21:41

Tgt Ion:163 Resp: 102217
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 9.5 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

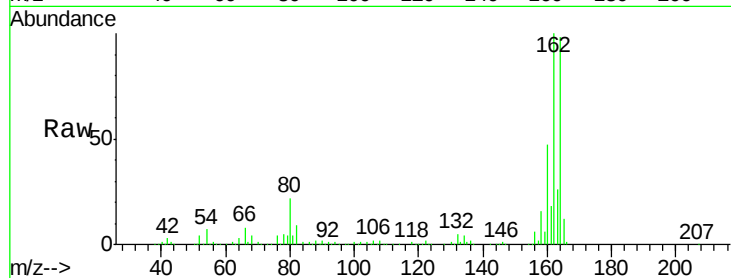




#56
2,4-Dinitrotoluene
Concen: 6.987 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.21 min
Lab File: BF101621.D
Acq: 21 Dec 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

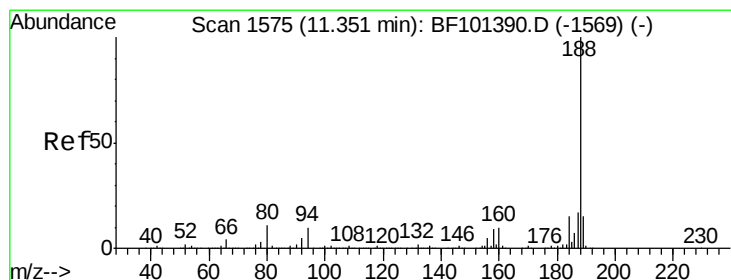
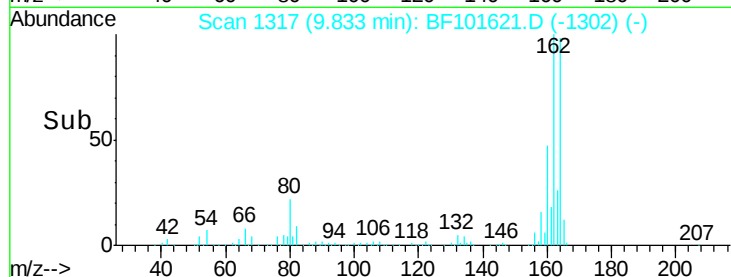
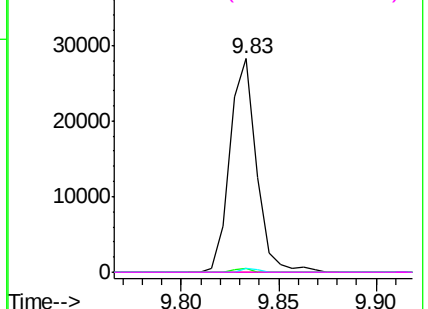


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

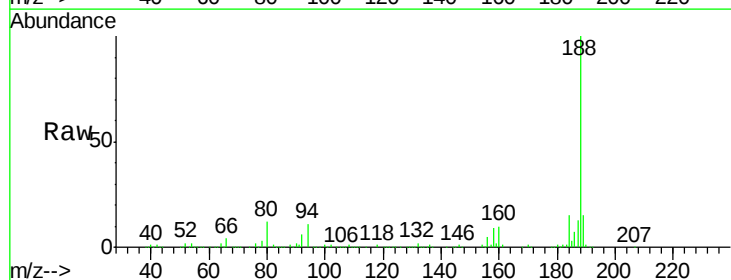
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101621.D
Acq: 21 Dec 2017 21:41

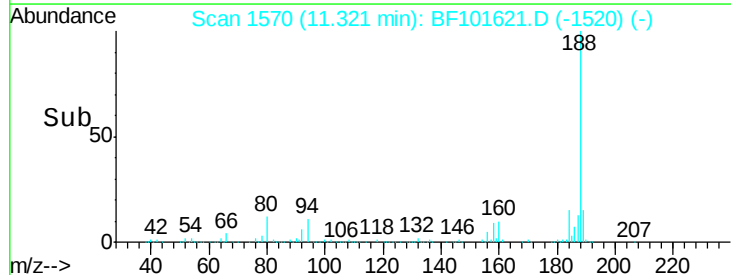
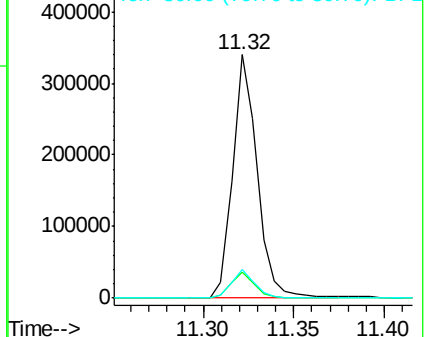
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.5	9.2	13.8

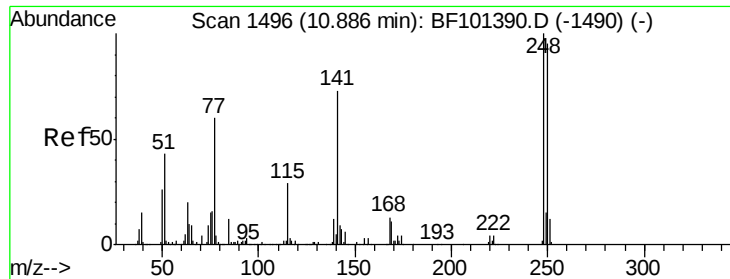


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

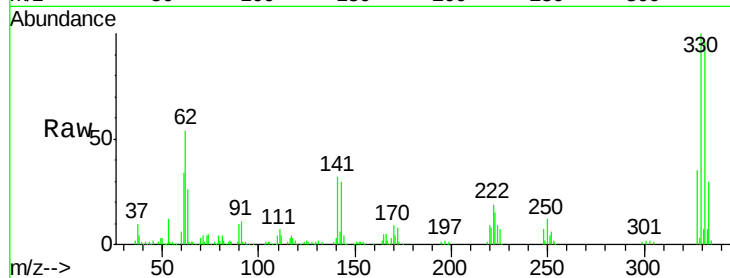




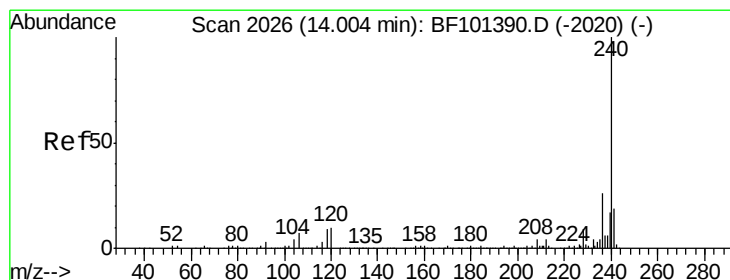
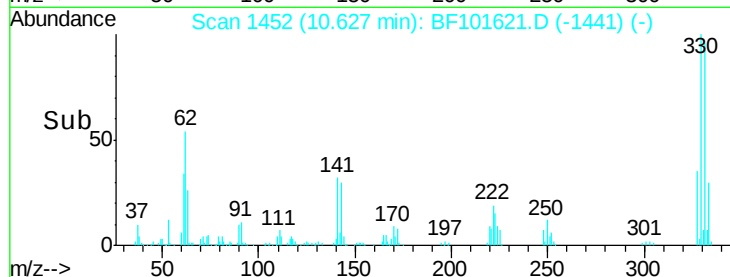
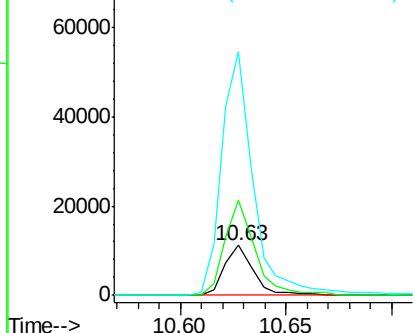
#66
4-Bromophenyl-phenylether
Concen: 2.964 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF101621.D
Acq: 21 Dec 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10690
Ion Ratio Lower Upper
248 100
250 190.6 76.9 115.3#
141 486.4 74.4 111.6#

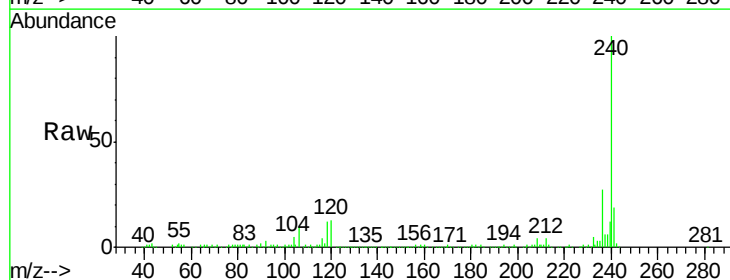


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

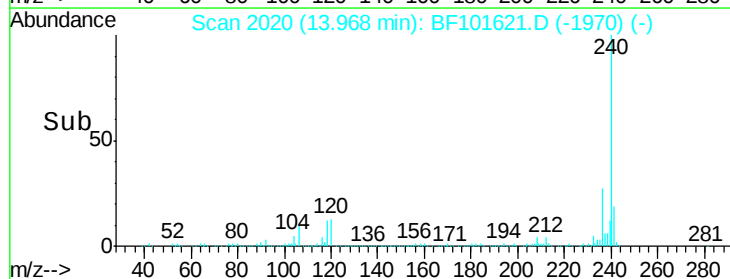
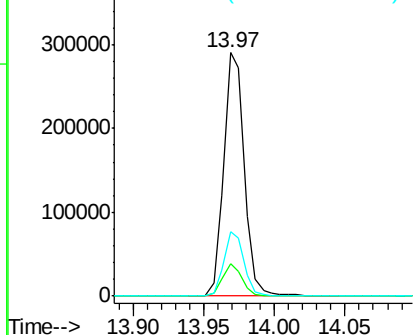


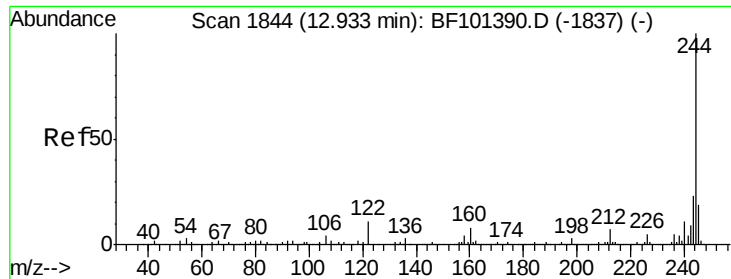
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101621.D
Acq: 21 Dec 2017 21:41

Tgt Ion:240 Resp: 294352
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 26.6 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

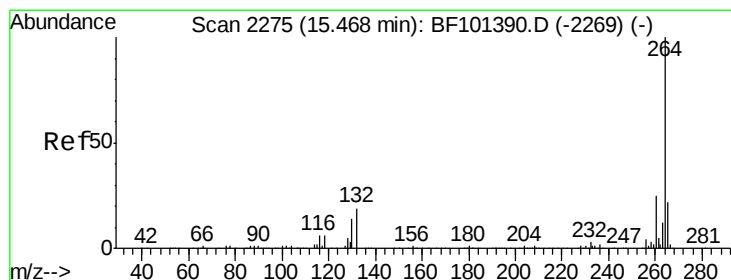
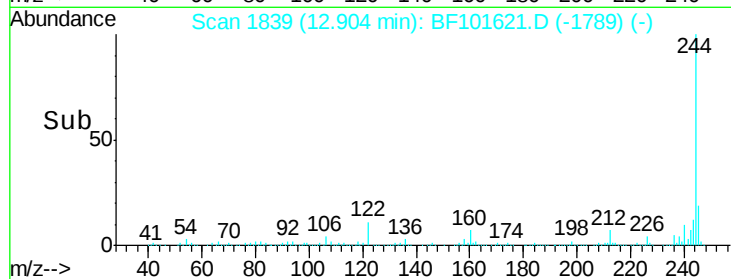
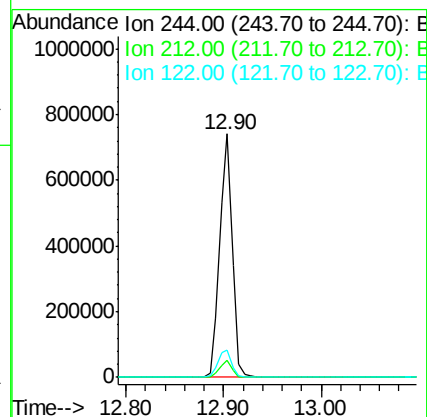
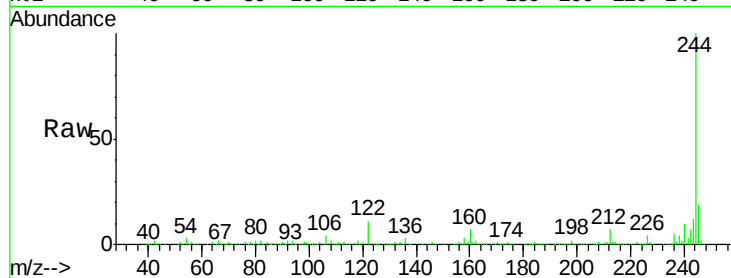




#78
 Terphenyl-d14
 Concen: 54.098 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF101621.D
 Acq: 21 Dec 2017 21:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 660531
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: BF101621.D
 Acq: 21 Dec 2017 21:41

Tgt Ion:264 Resp: 241451
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 21.8 17.5 26.3

