

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109748.D
 Acq On : 10 Oct 2018 17:55
 Operator : JU/SJ
 Sample : J5302-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 18:54:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

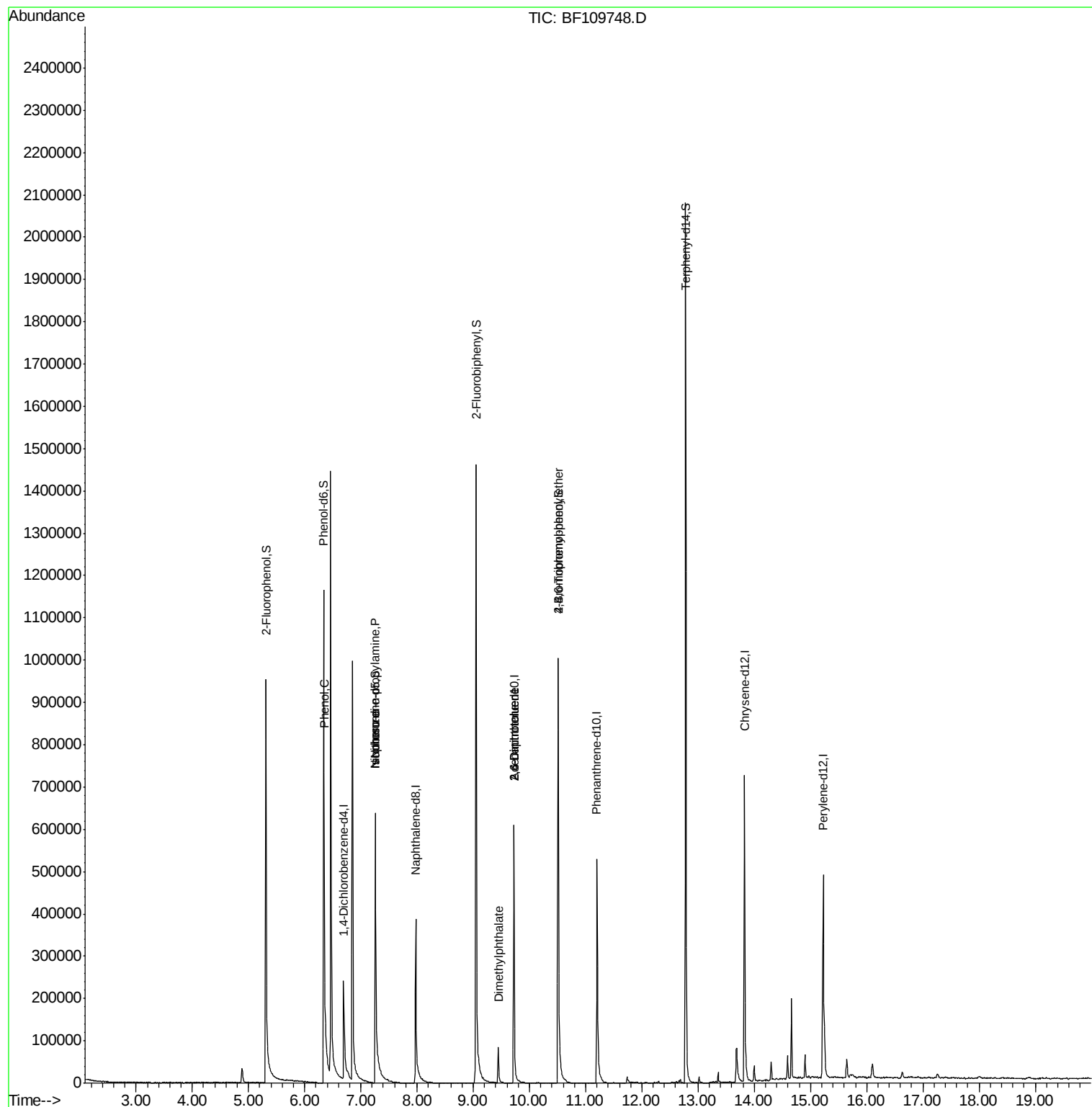
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	65180	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	273855	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	143053	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	315921	20.00	ng	0.00
75) Chrysene-d12	13.83	240	310935	20.00	ng	0.00
86) Perylene-d12	15.23	264	289467	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	388761	105.87	ng	-0.01
7) Phenol-d6	6.34	99	578663	117.96	ng	-0.02
23) Nitrobenzene-d5	7.26	82	373931	75.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	167126	107.22	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	663936	63.92	ng	0.00
78) Terphenyl-d14	12.78	244	782618	48.72	ng	0.00
Target Compounds						
10) Phenol	6.35	94	14945	2.657	ng	# 69
19) n-Nitroso-di-n-propylamine	7.26	70	47225	13.728	ng	# 78
25) Isophorone	7.26	82	376470	45.634	ng	# 67
49) Dimethylphthalate	9.45	163	55412	5.282	ng	# 99
50) 2,6-Dinitrotoluene	9.72	165	18009	7.919	ng	# 22
56) 2,4-Dinitrotoluene	9.72	165	18236	6.425	ng	# 18
66) 4-Bromophenyl-phenylether	10.51	248	10288	2.834	ng	# 1

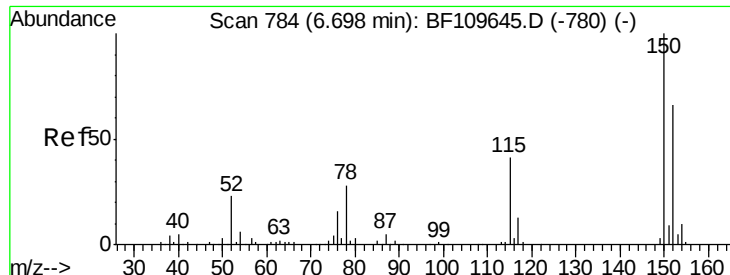
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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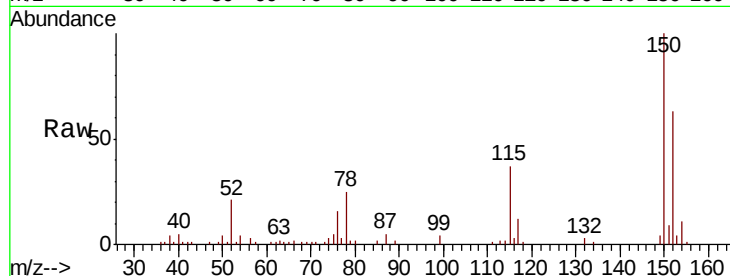


#1

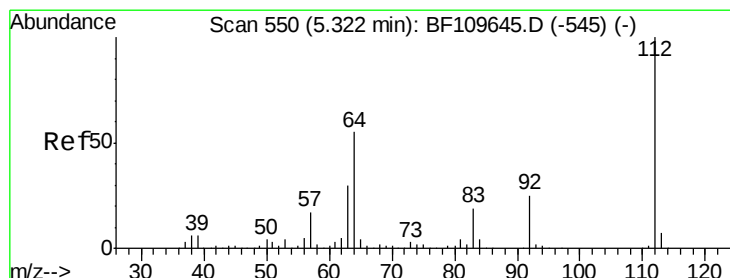
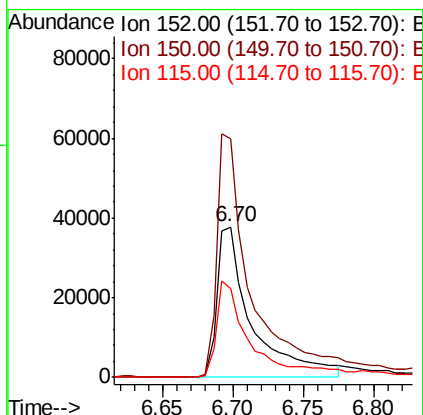
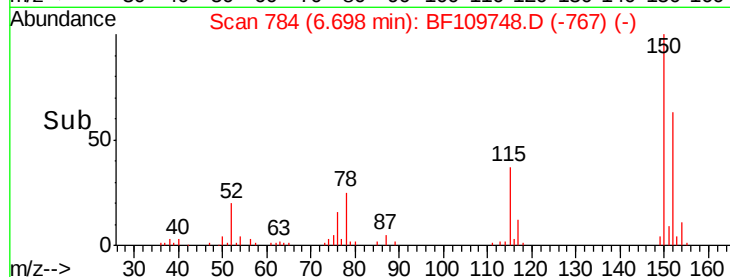
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109748.D
Acq: 10 Oct 2018 17:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 65180
Ion Ratio Lower Upper
152 100
150 157.8 122.7 184.1
115 59.1 49.1 73.7



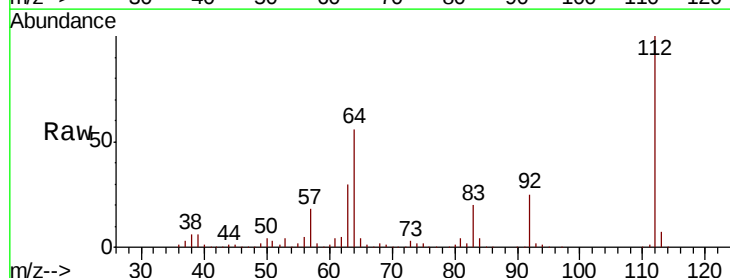
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



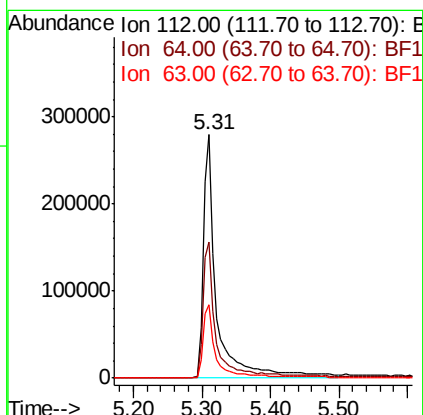
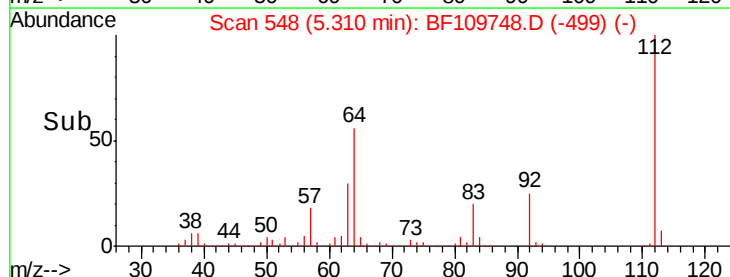
#5

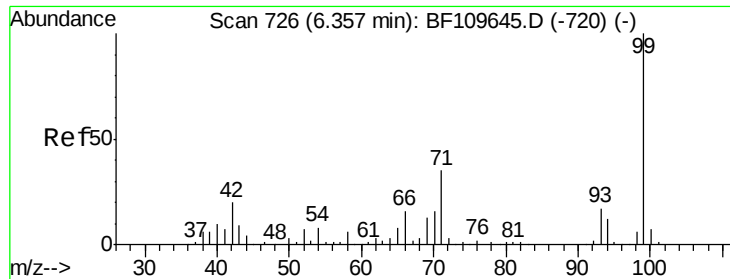
2-Fluorophenol
Concen: 105.870 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109748.D
Acq: 10 Oct 2018 17:55

Tgt Ion:112 Resp: 388761
Ion Ratio Lower Upper
112 100
64 56.0 44.1 66.1
63 30.2 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: 117.963 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109748.D

Acq: 10 Oct 2018 17:55

Instrument :

BNA_F

ClientSampled :

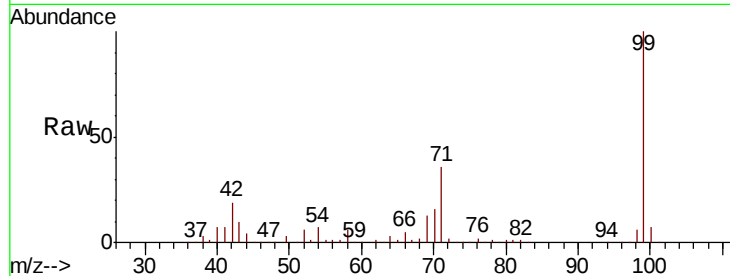
Tot Ion: 99 Resp: 578663

Ion Ratio Lower Upper

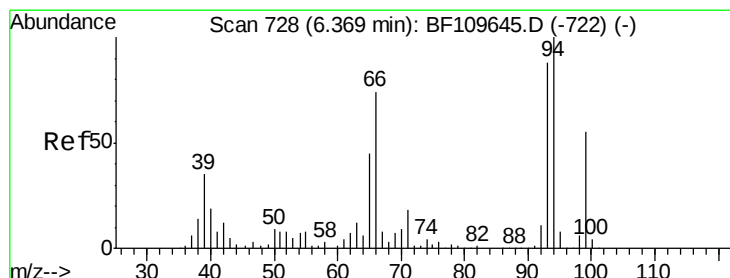
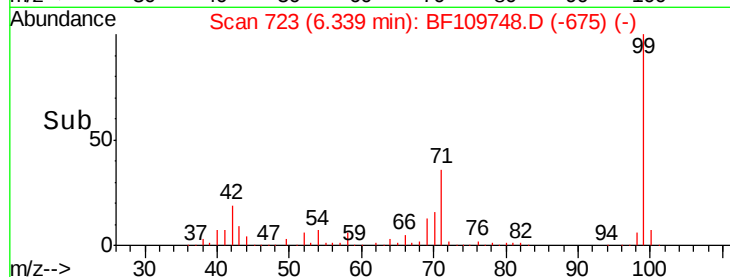
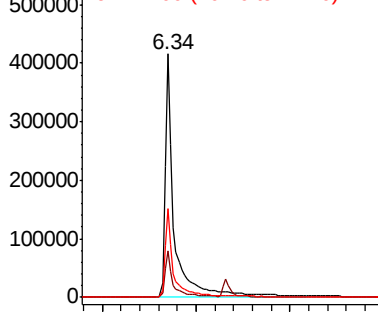
99 100

42 19.3 15.8 23.6

71 36.4 28.0 42.0



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: 2.657 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109748.D

Acq: 10 Oct 2018 17:55

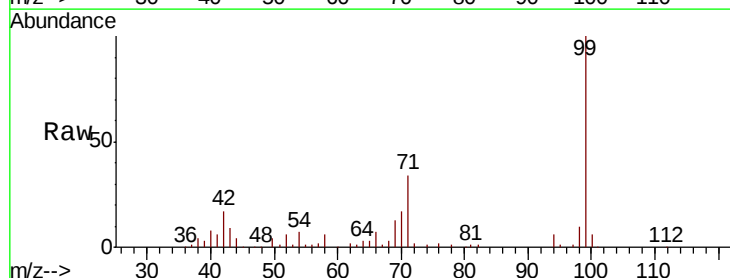
Tgt Ion: 94 Resp: 14945

Ion Ratio Lower Upper

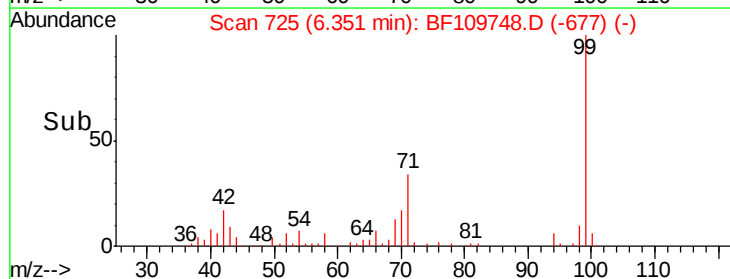
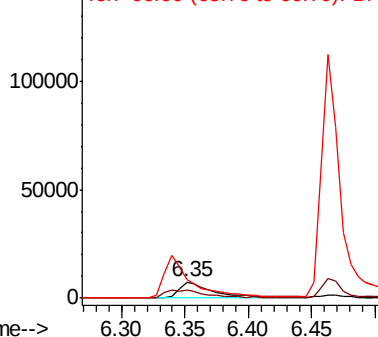
94 100

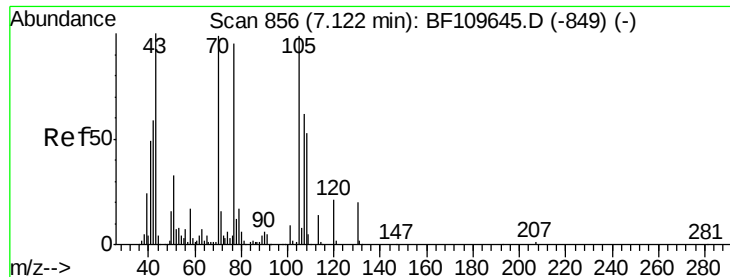
65 46.6 25.3 65.3

66 115.3 54.5 94.5#



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

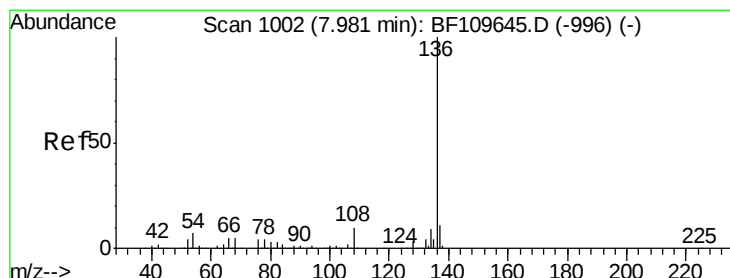
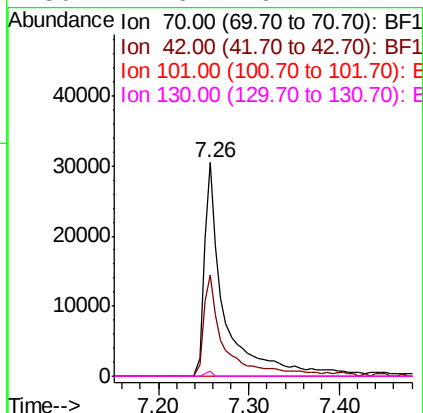
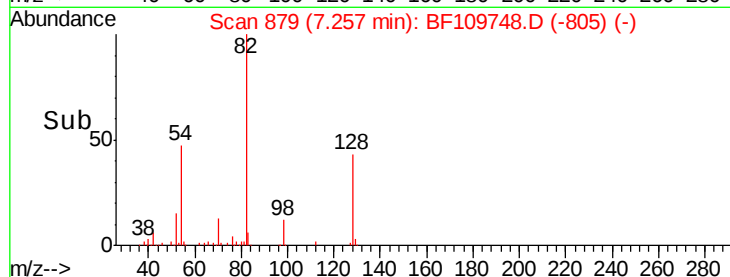
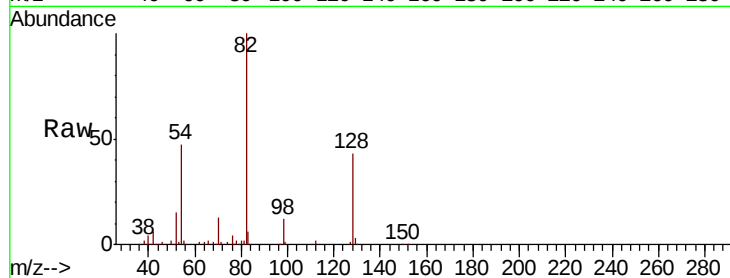




#19
n-Nitroso-di-n-propylamine
Concen: 13.728 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109748.D
Acq: 10 Oct 2018 17:55

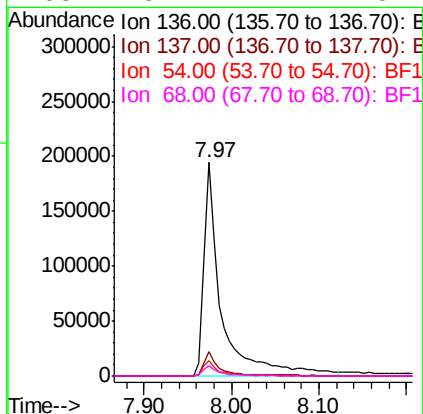
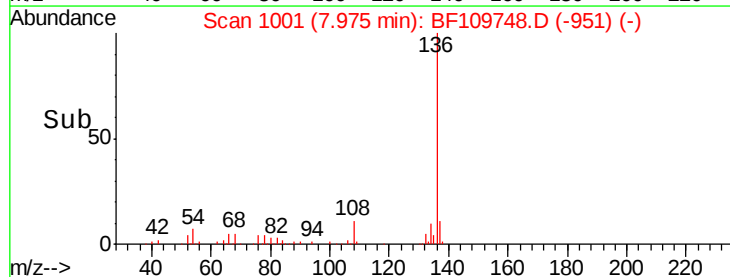
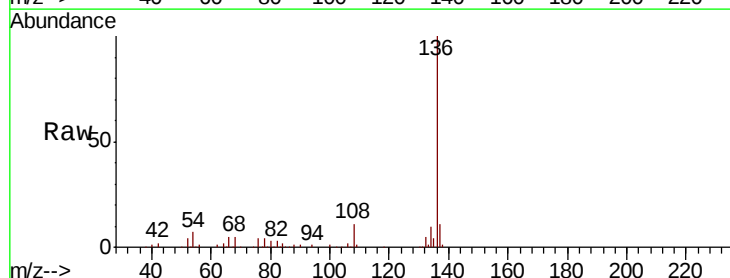
Instrument :
BNA_F
ClientSampled :

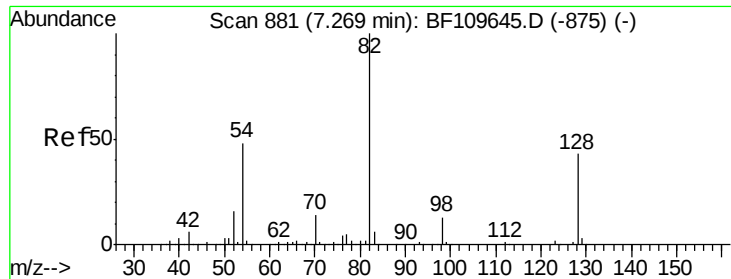
Tot Ion: 70 Resp: 47225
Ion Ratio Lower Upper
70 100
42 47.6 47.4 71.2
101 0.0 7.3 10.9#
130 2.6 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109748.D
Acq: 10 Oct 2018 17:55

Tgt Ion:136 Resp: 273855
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.0 5.4 8.2
68 5.1 4.2 6.2

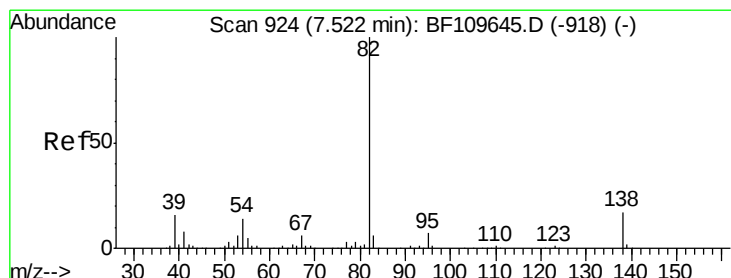
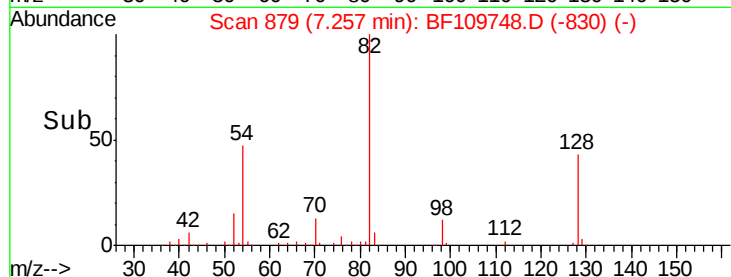
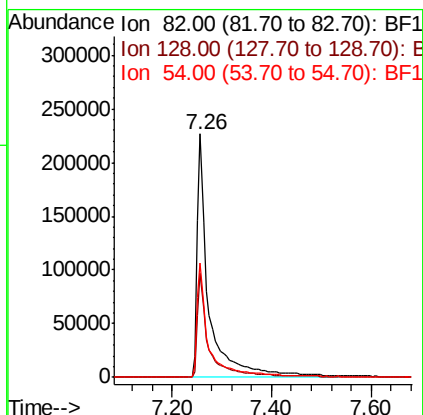
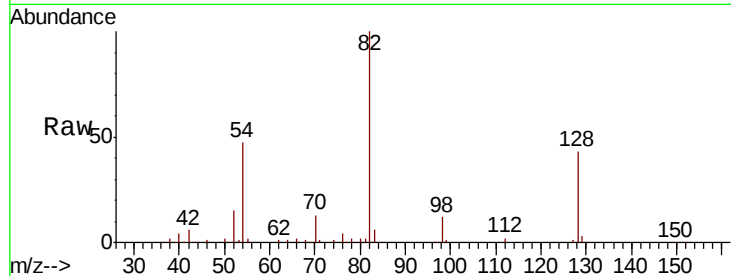




#23
 Nitrobenzene-d5
 Concen: 75.267 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109748.D
 Acq: 10 Oct 2018 17:55

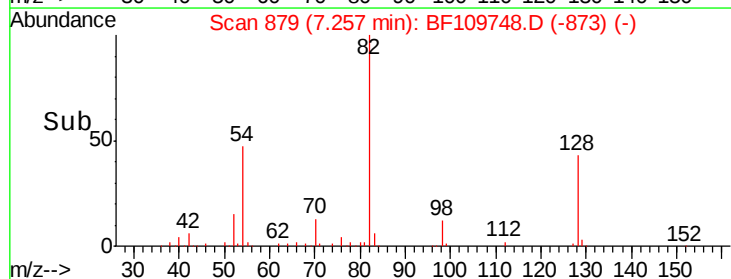
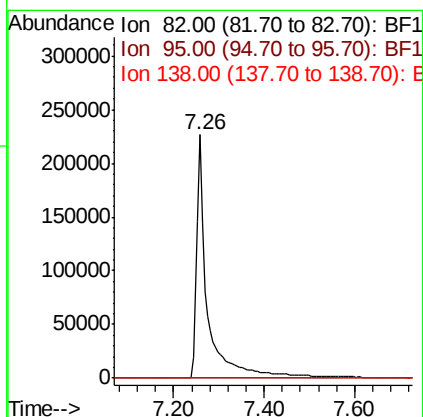
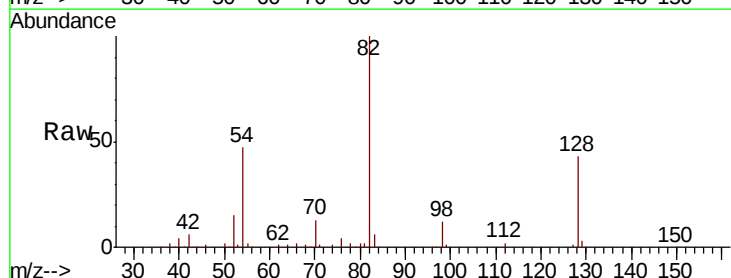
Instrument :
 BNA_F
 ClientSampled :

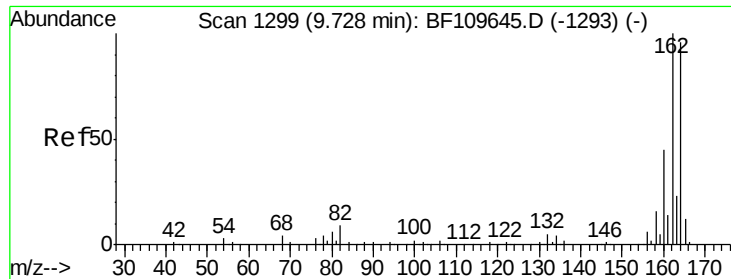
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.2	51.2
54	47.0	38.6	58.0



#25
 Isophorone
 Concen: 45.634 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.26 min
 Lab File: BF109748.D
 Acq: 10 Oct 2018 17:55

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF109748.D

Acq: 10 Oct 2018 17:55

Instrument :

BNA_F

ClientSampleId :

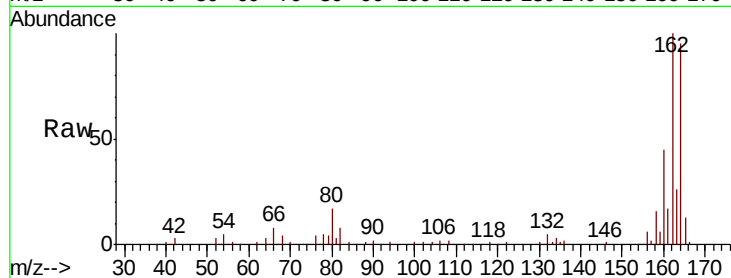
Tot Ion:164 Resp: 143053

Ion Ratio Lower Upper

164 100

162 104.9 83.0 124.6

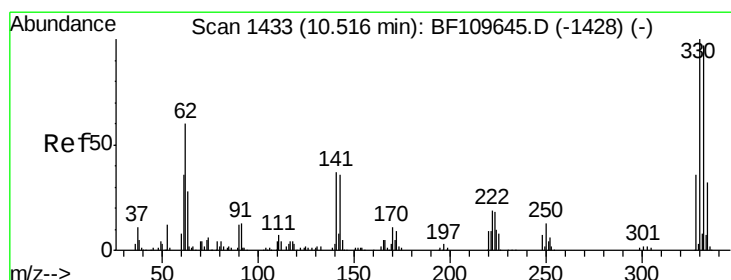
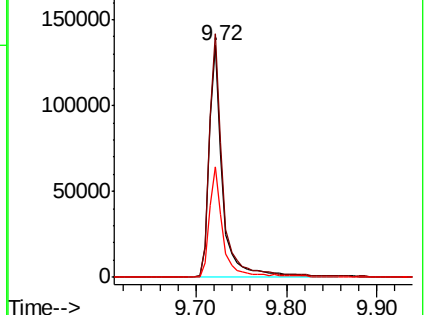
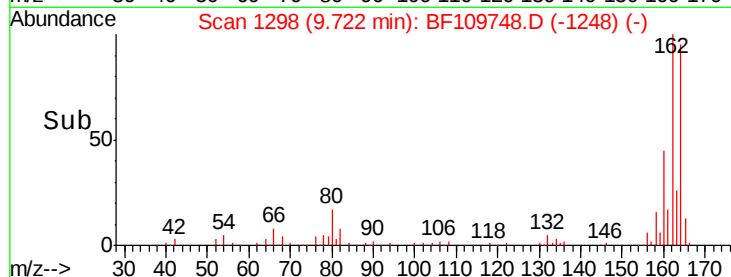
160 47.6 37.0 55.6



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: 107.220 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF109748.D

Acq: 10 Oct 2018 17:55

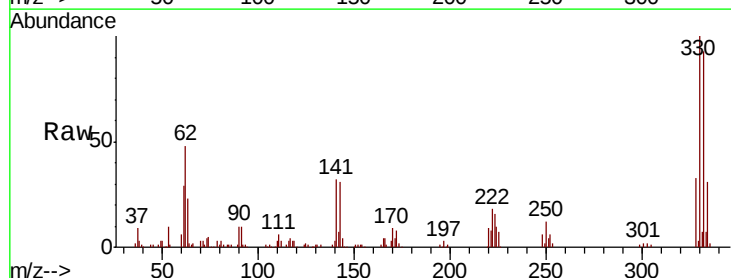
Tgt Ion:330 Resp: 167126

Ion Ratio Lower Upper

330 100

332 94.6 77.1 115.7

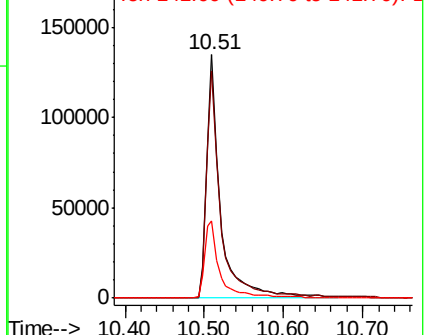
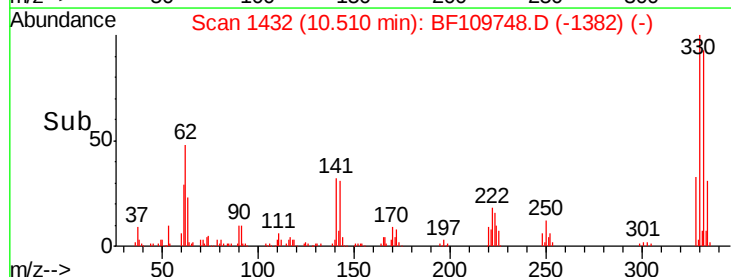
141 35.6 27.0 40.4

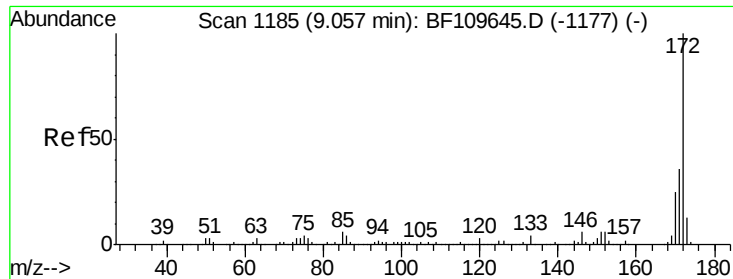


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

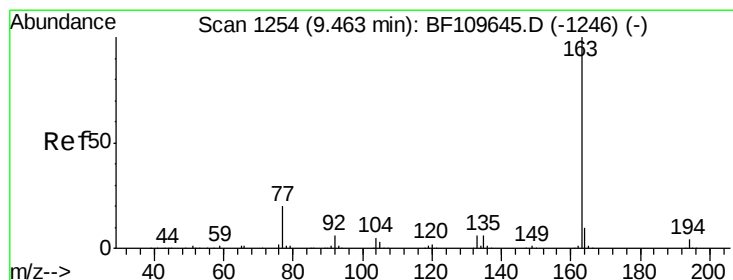
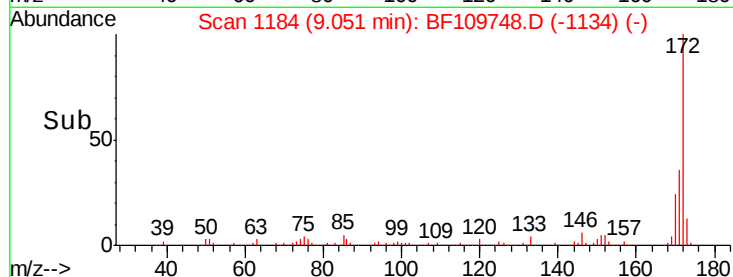
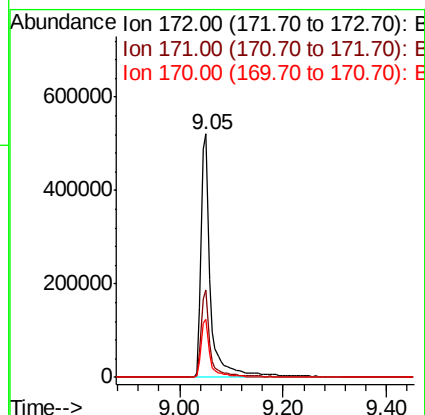
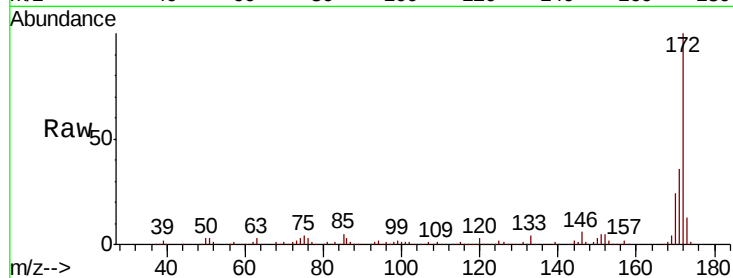




#44
2-Fluorobiphenyl
Concen: 63.921 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109748.D
Acq: 10 Oct 2018 17:55

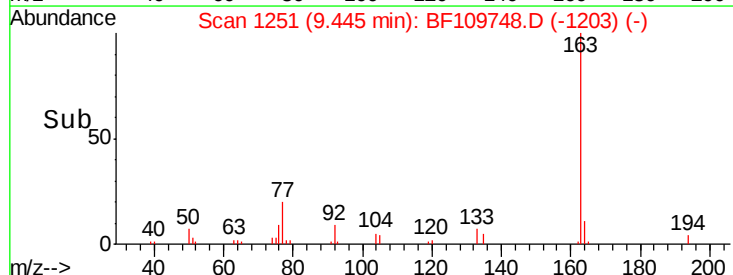
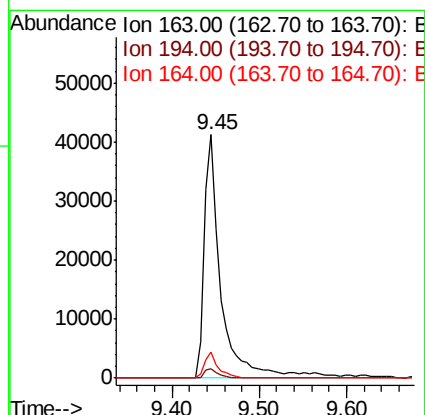
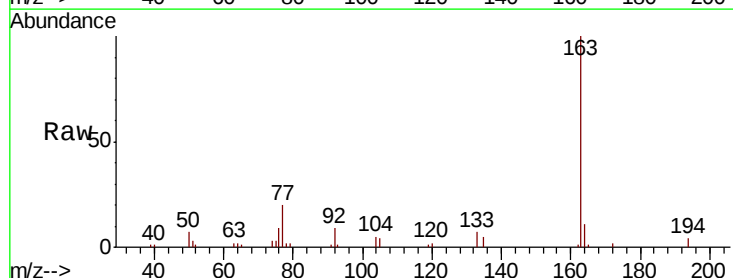
Instrument :
BNA_F
ClientSampleId :

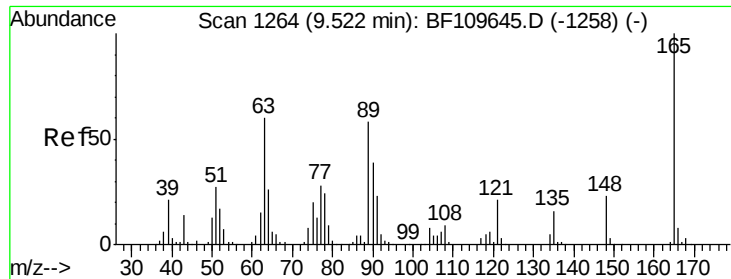
Tot Ion:172 Resp: 663936
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.7 19.7 29.5



#49
Dimethylphthalate
Concen: 5.282 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109748.D
Acq: 10 Oct 2018 17:55

Tgt Ion:163 Resp: 55412
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.6 8.1 12.1

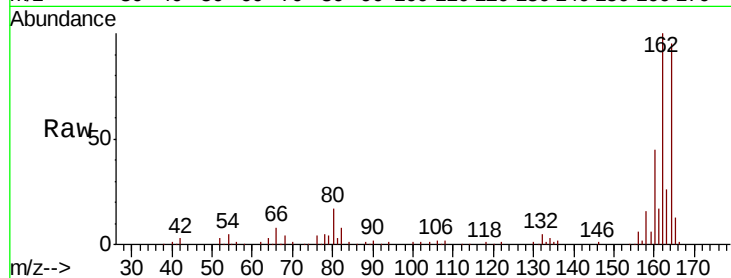




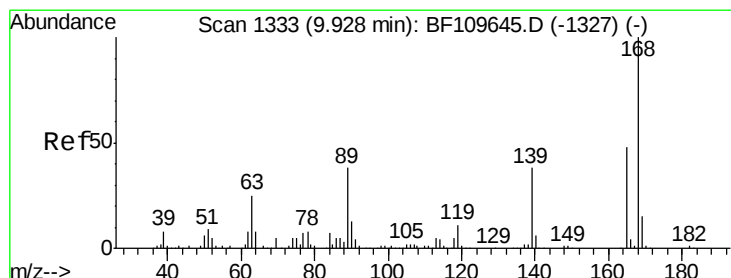
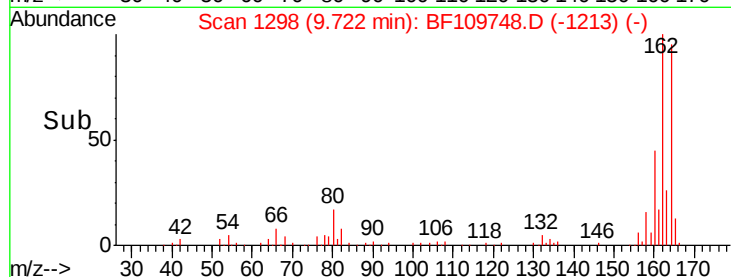
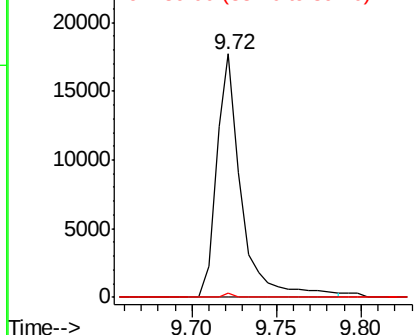
#50
 2,6-Dinitrotoluene
 Concen: 7.919 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.20 min
 Lab File: BF109748.D
 Acq: 10 Oct 2018 17:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.7	46.6	69.8#

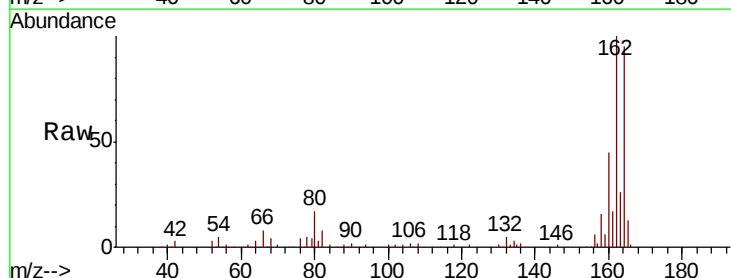


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

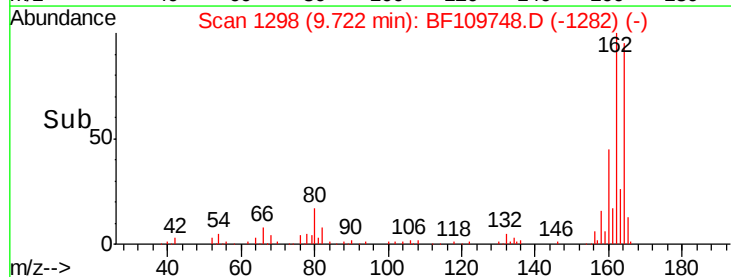
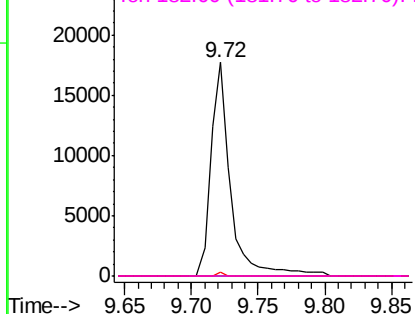


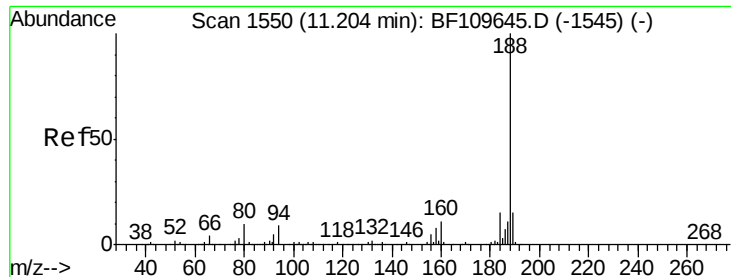
#56
 2,4-Dinitrotoluene
 Concen: 6.425 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109748.D
 Acq: 10 Oct 2018 17:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#



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

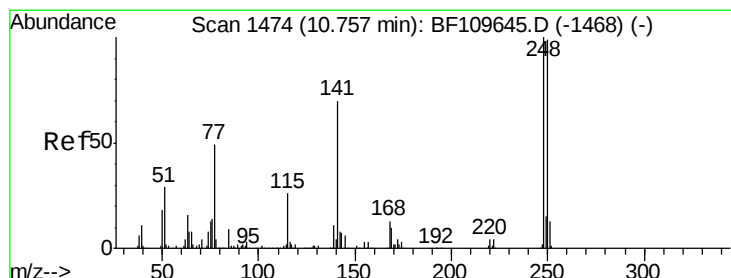
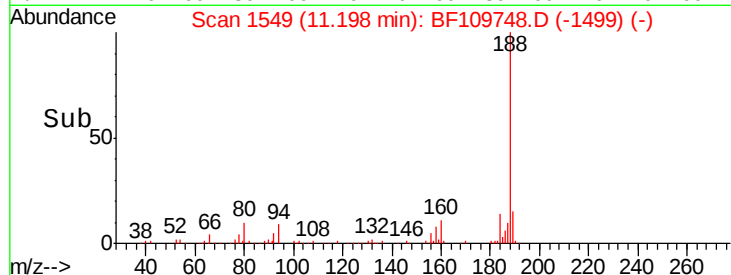
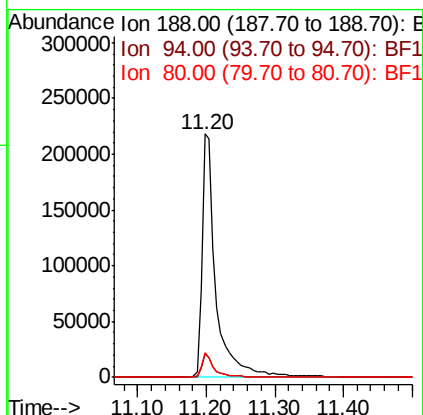
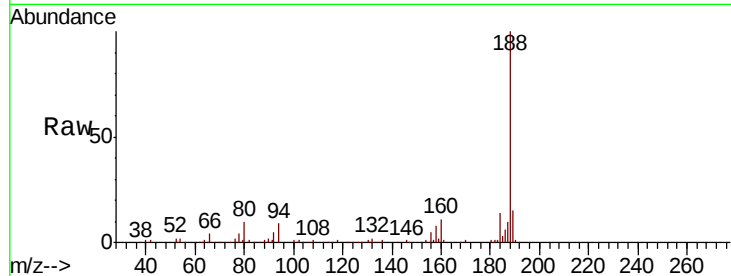




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109748.D
Acq: 10 Oct 2018 17:55

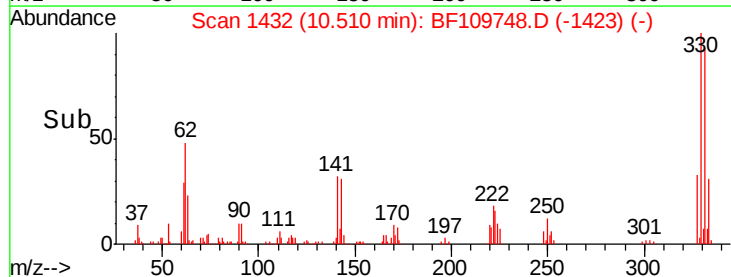
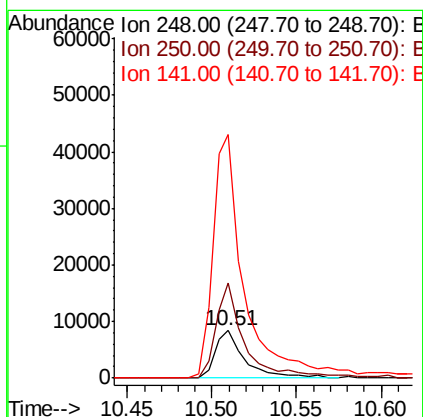
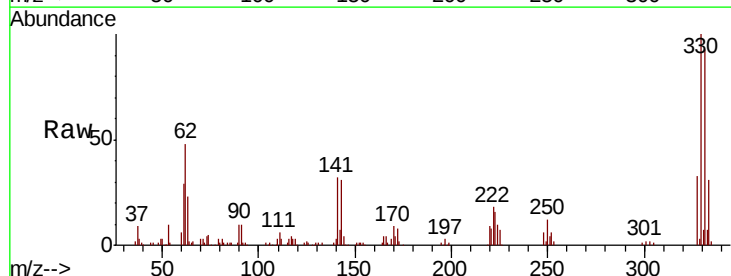
Instrument :
BNA_F
ClientSampled :

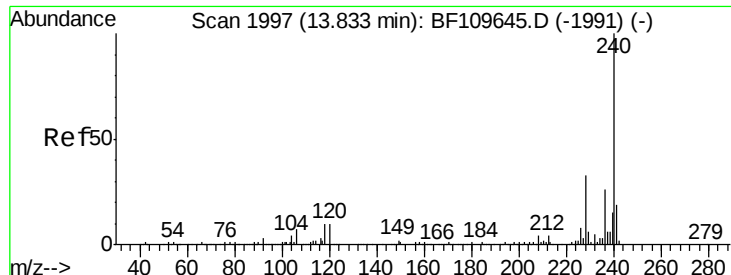
Tot Ion:188 Resp: 315921
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.1 7.9 11.9



#66
4-Bromophenyl-phenylether
Concen: 2.834 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109748.D
Acq: 10 Oct 2018 17:55

Tgt Ion:248 Resp: 10288
Ion Ratio Lower Upper
248 100
250 199.5 79.4 119.2#
141 510.3 55.9 83.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109748.D

Acq: 10 Oct 2018 17:55

Instrument :

BNA_F

ClientSampleId :

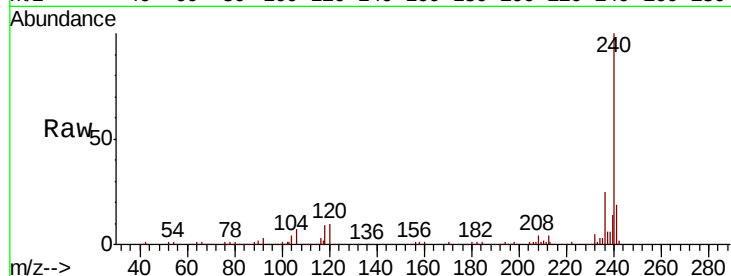
Tot Ion:240 Resp: 310935

Ion Ratio Lower Upper

240 100

120 9.7 8.3 12.5

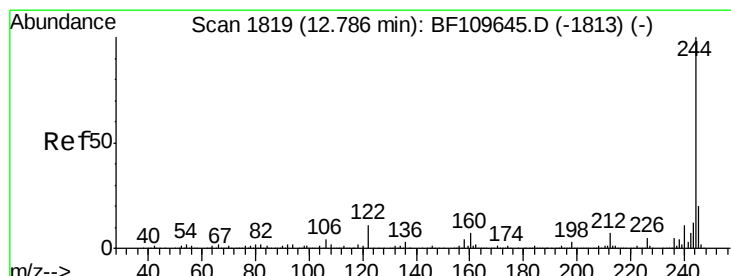
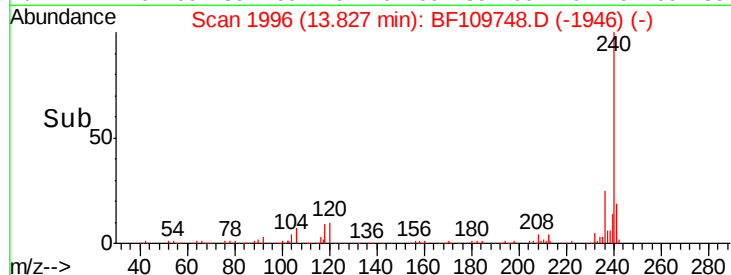
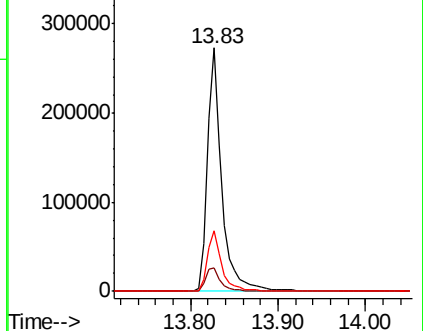
236 24.9 21.2 31.8



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: 48.725 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109748.D

Acq: 10 Oct 2018 17:55

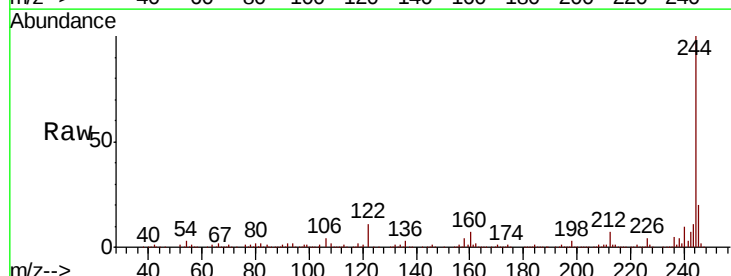
Tgt Ion:244 Resp: 782618

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

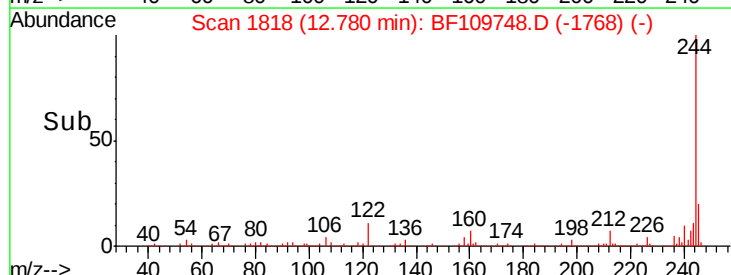
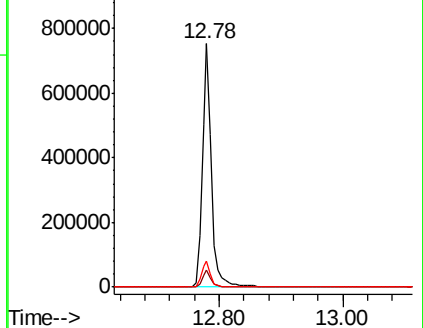
122 10.8 8.7 13.1

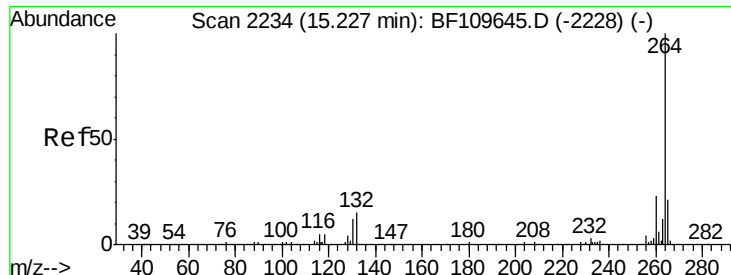


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109748.D
Acq: 10 Oct 2018 17:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	20.8	16.7	25.1

