

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110707.D
 Acq On : 13 Nov 2018 7:12
 Operator : JU/SJ
 Sample : J5904-18
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 13 10:37:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

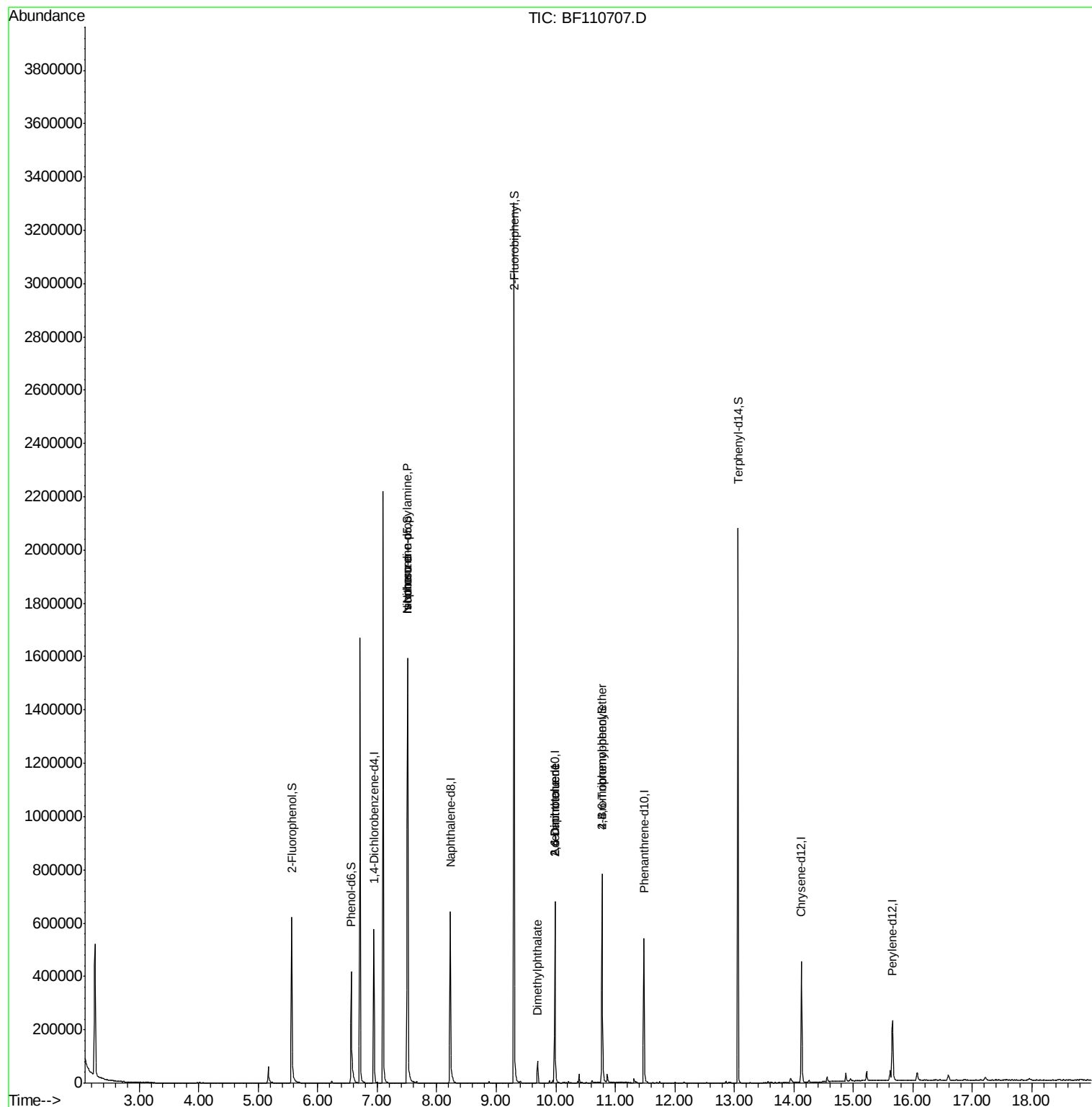
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	88533	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	358632	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	149530	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	234633	20.00	ng	0.00
76) Chrysene-d12	14.13	240	166622	20.00	ng	-0.01
87) Perylene-d12	15.66	264	123628	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	211382	38.78	ng	0.00
7) Phenol-d6	6.56	99	157898	22.65	ng	-0.01
23) Nitrobenzene-d5	7.51	82	600050	96.36	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	103388	68.62	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	1046842	99.99	ng	0.00
79) Terphenyl-d14	13.06	244	671000	75.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	79148	17.790	ng	# 81
25) Isophorone	7.51	82	600046	58.789	ng	# 67
50) Dimethylphthalate	9.69	163	42555	3.814	ng	# 99
51) 2,6-Dinitrotoluene	9.99	165	18898	7.700	ng	# 22
57) 2,4-Dinitrotoluene	9.99	165	18898	5.922	ng	# 18
67) 4-Bromophenyl-phenylether	10.77	248	6534	2.520	ng	# 1

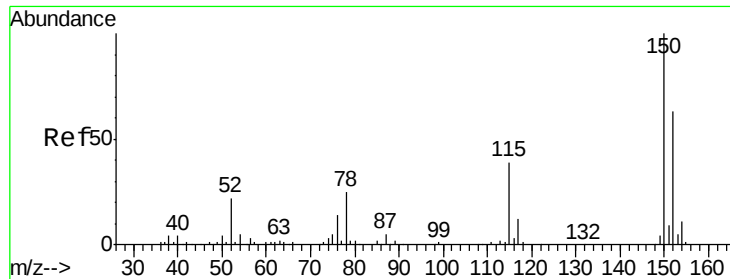
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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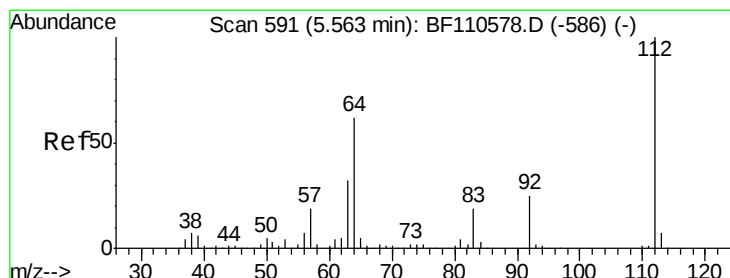
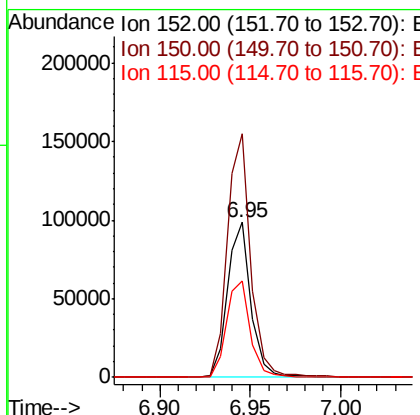
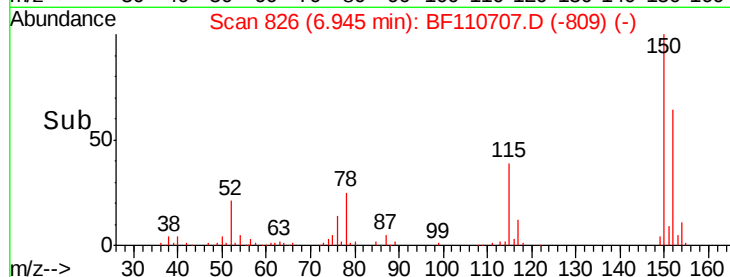
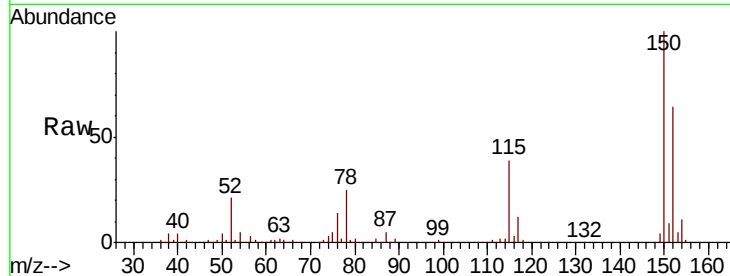




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110707.D
 Acq: 13 Nov 2018 7:12

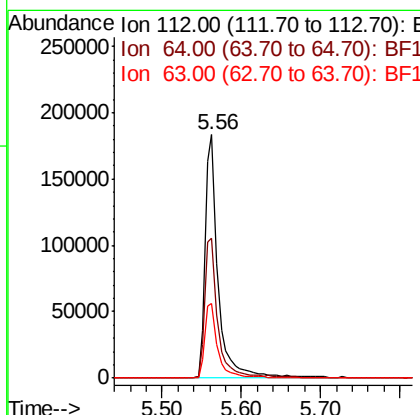
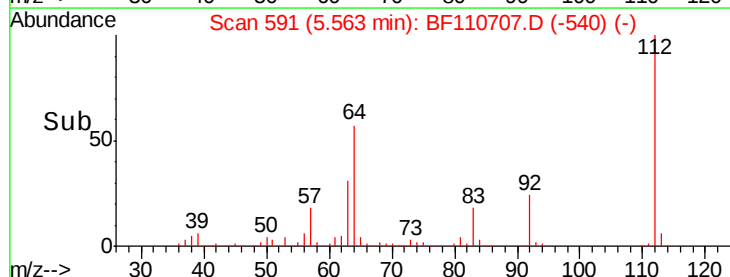
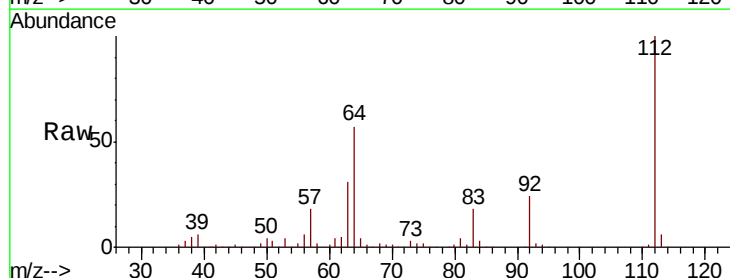
Instrument :
 BNA_F
 ClientSampleId :

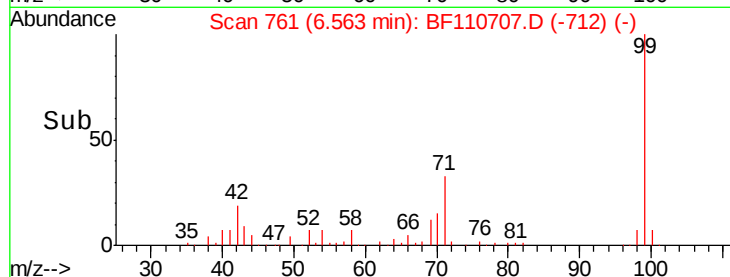
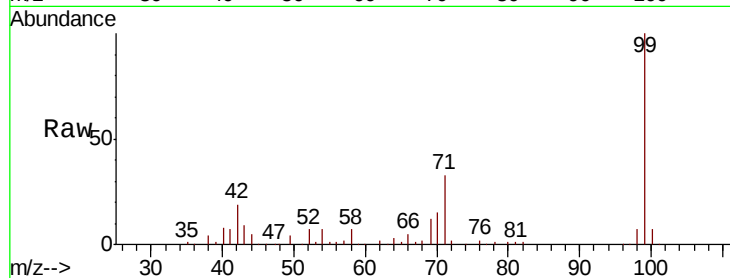
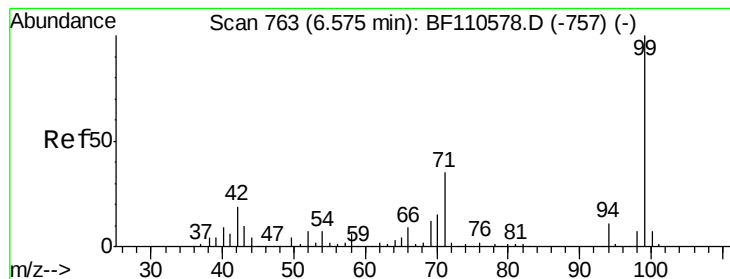
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	122.7	184.1
115	61.8	49.1	73.7



#5
 2-Fluorophenol
 Concen: 38.782 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110707.D
 Acq: 13 Nov 2018 7:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	44.1	66.1
63	30.6	23.7	35.5





#7

Phenol-d6

Concen: 22.654 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110707.D

Acq: 13 Nov 2018 7:12

Instrument :

BNA_F

ClientSampleId :

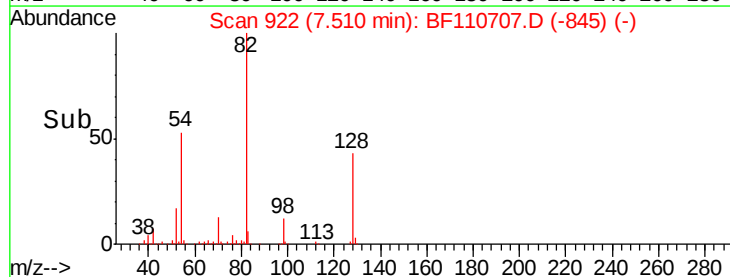
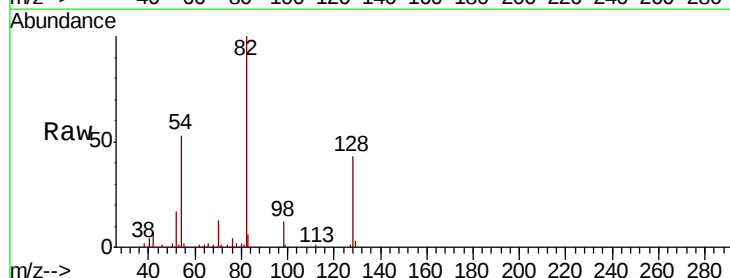
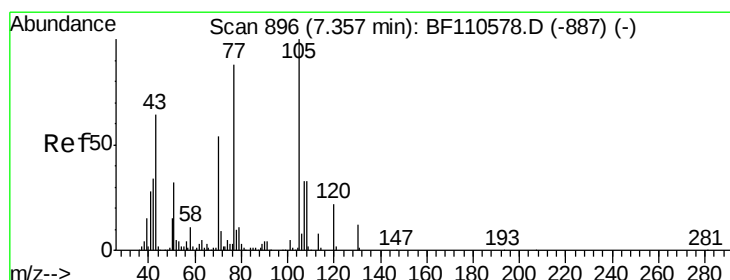
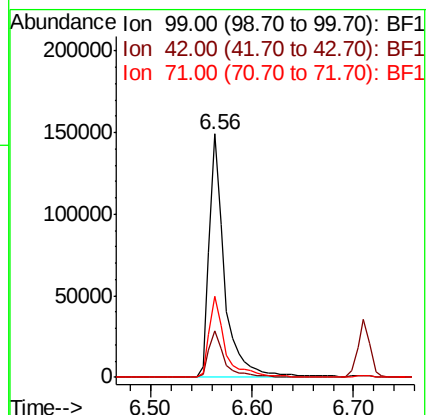
Tot Ion: 99 Resp: 157898

Ion Ratio Lower Upper

99 100

42 19.2 15.8 23.6

71 33.2 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 17.790 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110707.D

Acq: 13 Nov 2018 7:12

Tgt Ion: 70 Resp: 79148

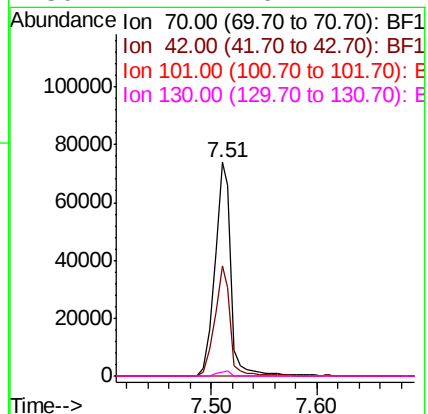
Ion Ratio Lower Upper

70 100

42 51.3 47.4 71.2

101 0.0 7.3 10.9#

130 2.1 16.2 24.2#

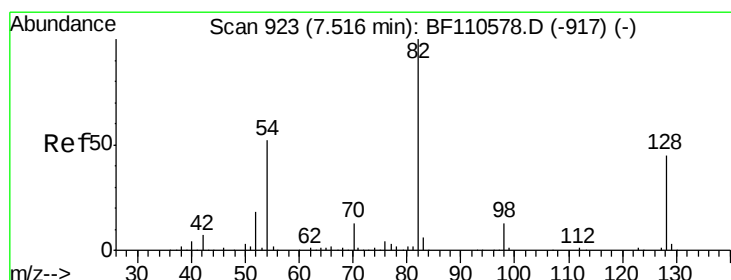
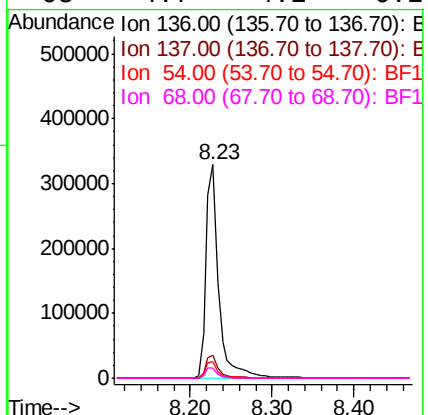
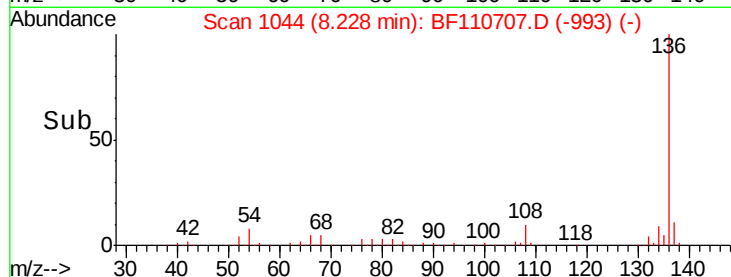
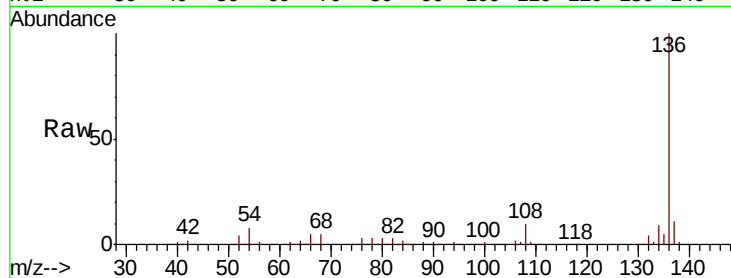




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110707.D
Acq: 13 Nov 2018 7:12

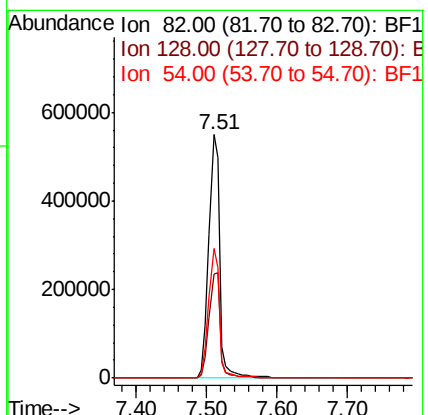
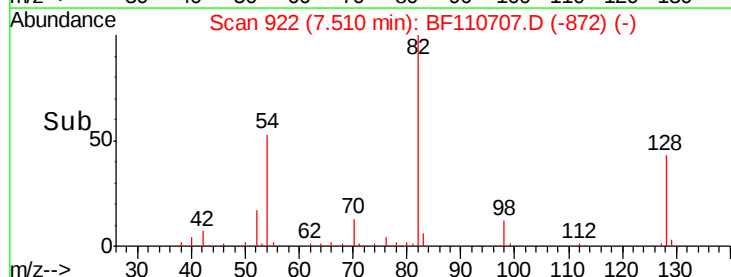
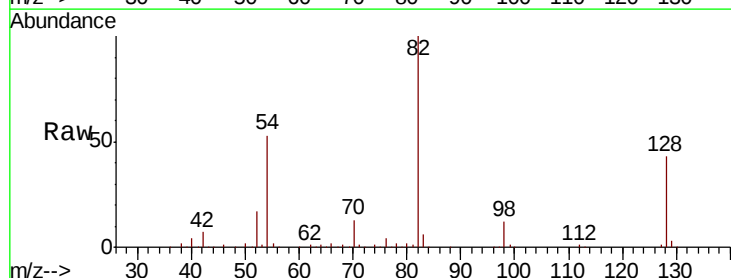
Instrument :
BNA_F
ClientSampleId :

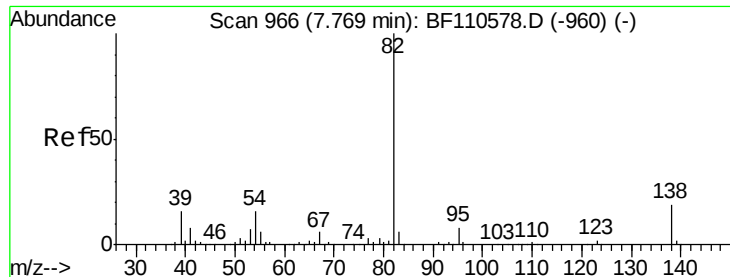
Tot Ion:136	Resp:	358632
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	7.5	5.4 8.2
68	4.7	4.2 6.2



#23
Nitrobenzene-d5
Concen: 96.357 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110707.D
Acq: 13 Nov 2018 7:12

Tgt Ion: 82	Resp:	600050
Ion Ratio	Lower	Upper
82	100	
128	43.0	34.2 51.2
54	53.1	38.6 58.0





#25

Isophorone

Concen: 58.789 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110707.D

Acq: 13 Nov 2018 7:12

Instrument :

BNA_F

ClientSampleId :

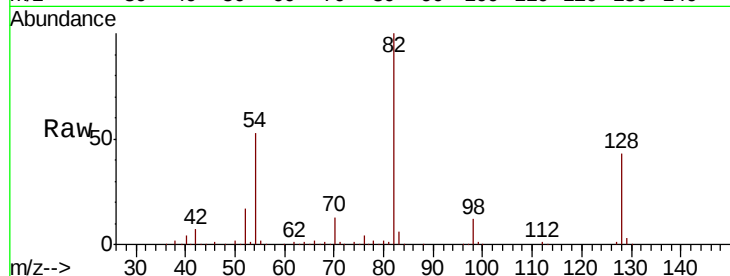
Tot Ion: 82 Resp: 600046

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

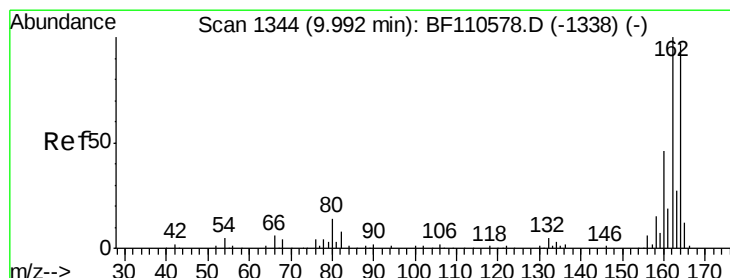
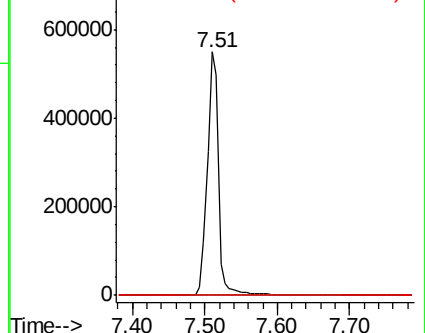
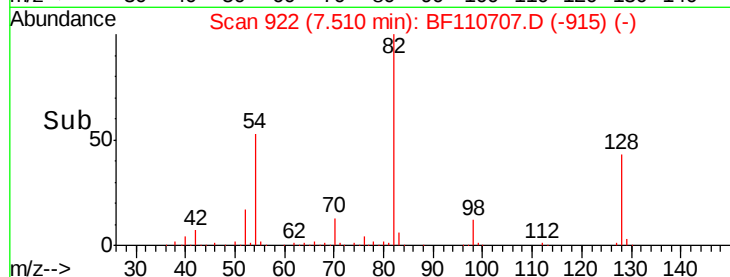
138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110707.D

Acq: 13 Nov 2018 7:12

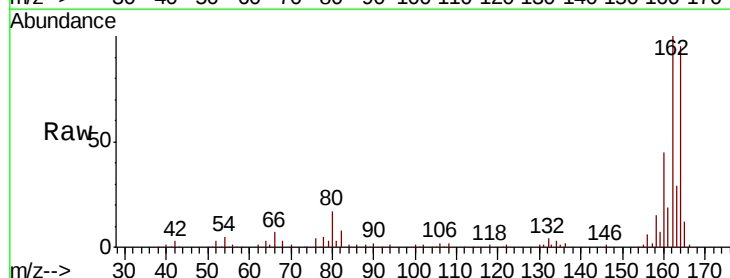
Tgt Ion: 164 Resp: 149530

Ion Ratio Lower Upper

164 100

162 105.5 83.0 124.6

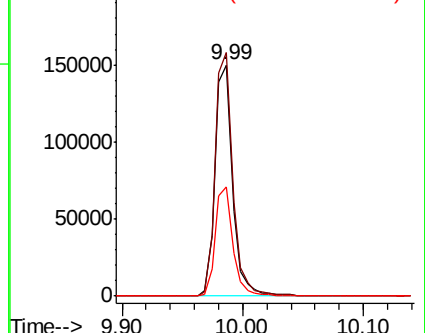
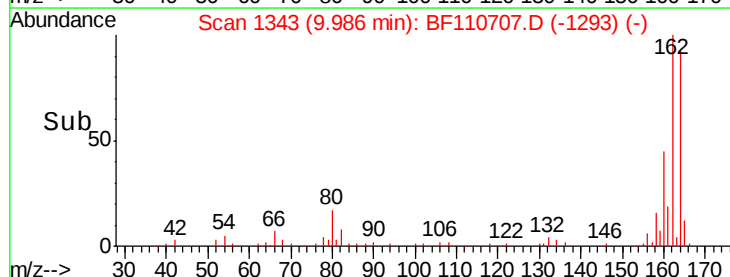
160 47.4 37.0 55.6

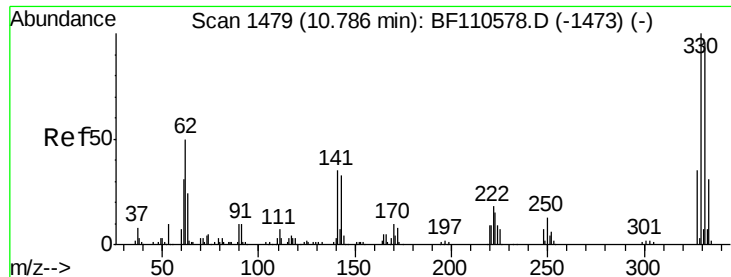


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 68.619 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110707.D

Acq: 13 Nov 2018 7:12

Instrument :

BNA_F

ClientSampleId :

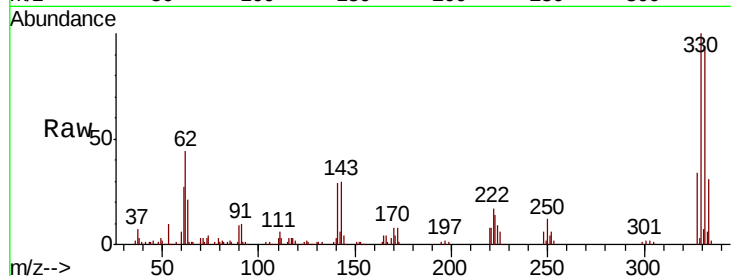
Tot Ion:330 Resp: 103388

Ion Ratio Lower Upper

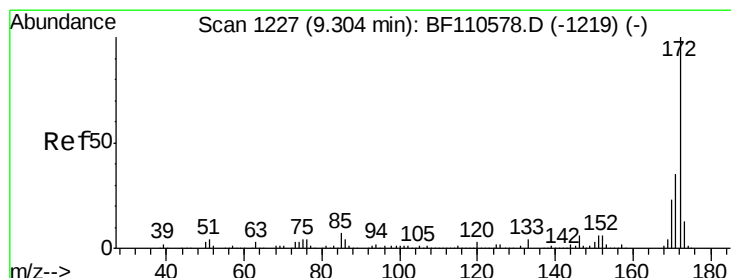
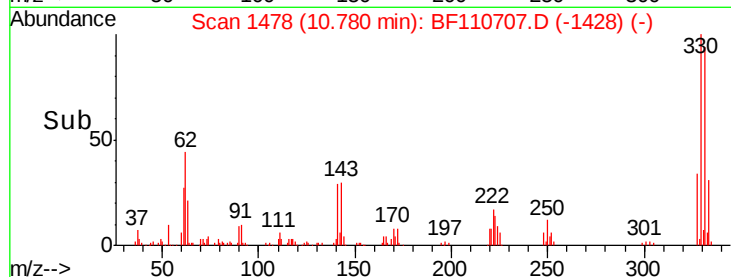
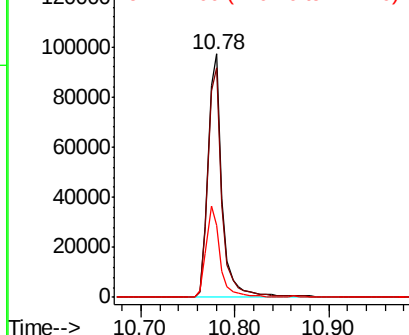
330 100

332 95.4 77.1 115.7

141 36.6 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



#45

2-Fluorobiphenyl

Concen: 99.985 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110707.D

Acq: 13 Nov 2018 7:12

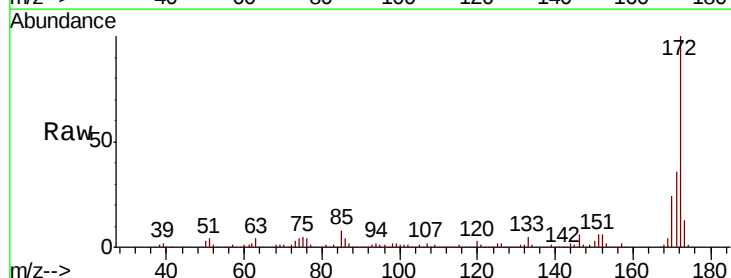
Tgt Ion:172 Resp: 1046842

Ion Ratio Lower Upper

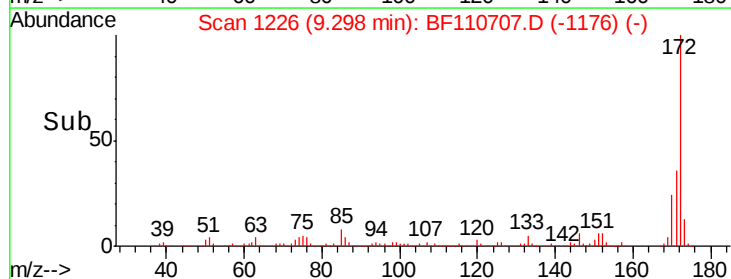
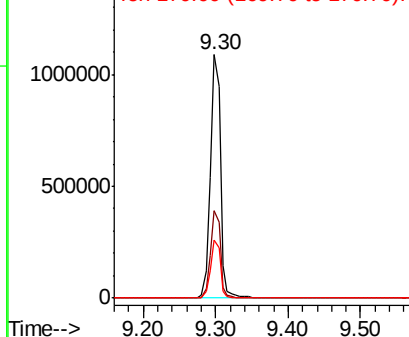
172 100

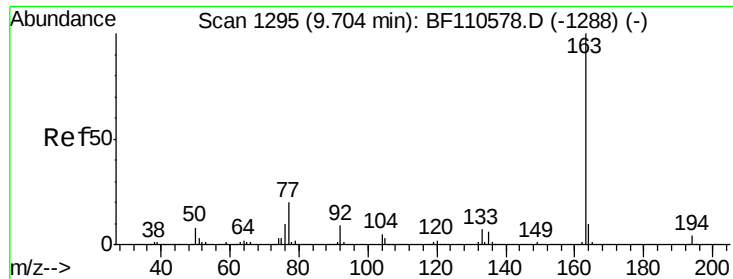
171 36.1 28.6 43.0

170 24.0 19.7 29.5



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

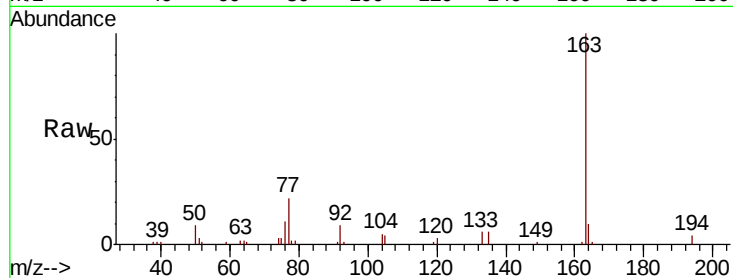




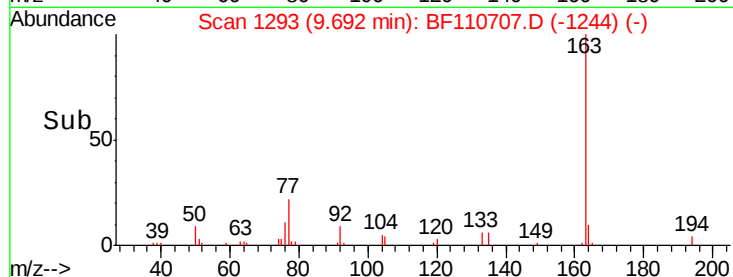
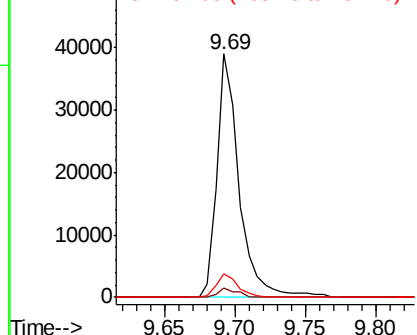
#50
Dimethylphthalate
Concen: 3.814 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110707.D
Acq: 13 Nov 2018 7:12

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.9	8.1	12.1

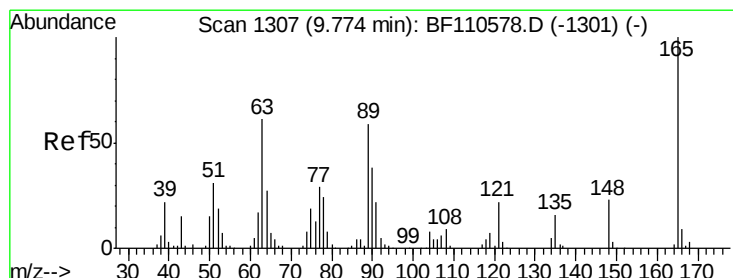


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

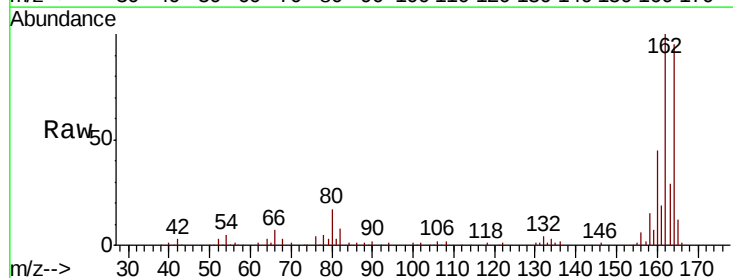
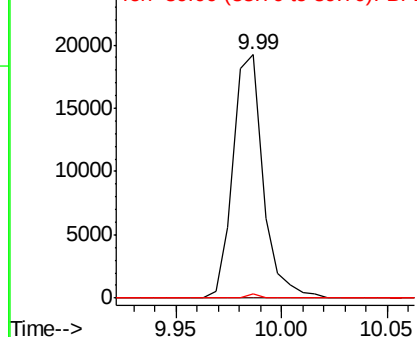


#51
2,6-Dinitrotoluene
Concen: 7.700 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF110707.D
Acq: 13 Nov 2018 7:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.6	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

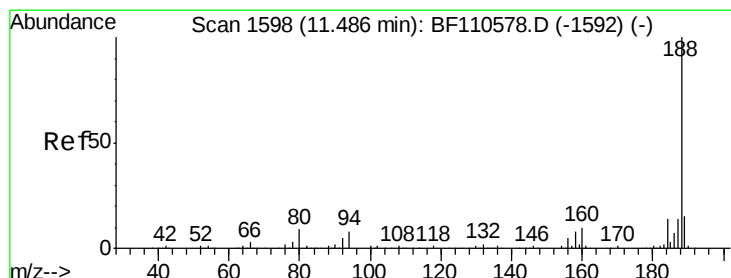
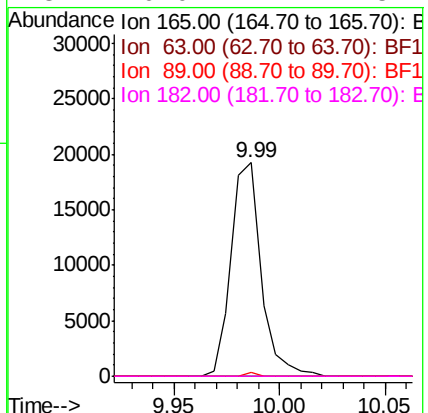
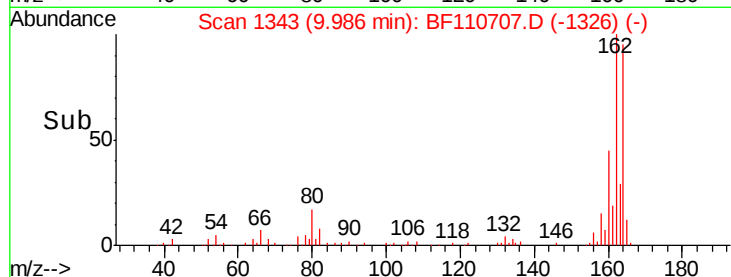
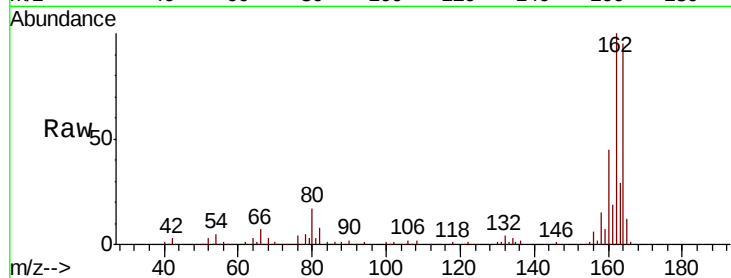




#57
 2,4-Dinitrotoluene
 Concen: 5.922 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110707.D
 Acq: 13 Nov 2018 7:12

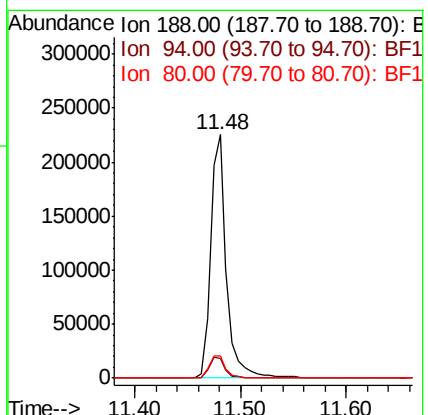
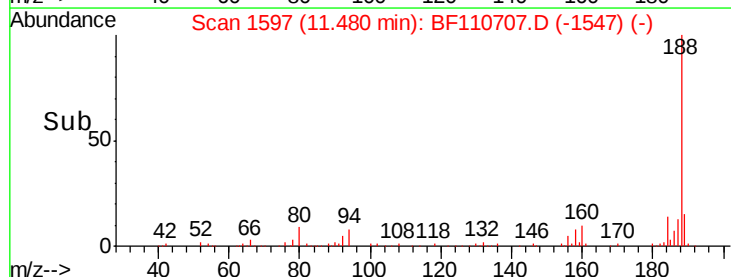
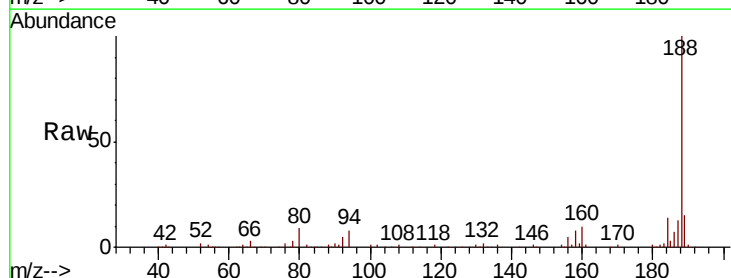
Instrument :
 BNA_F
 ClientSampleId :

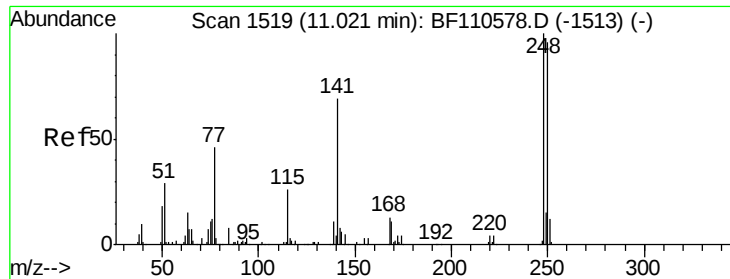
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.6	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110707.D
 Acq: 13 Nov 2018 7:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	8.9	7.9	11.9

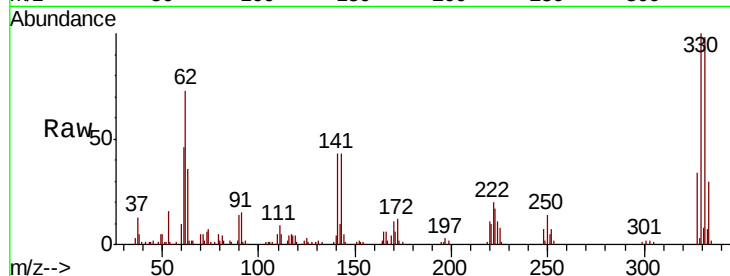




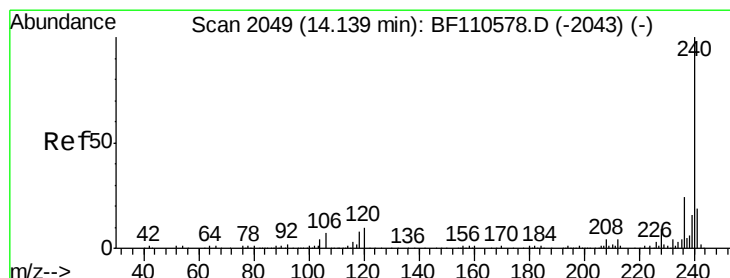
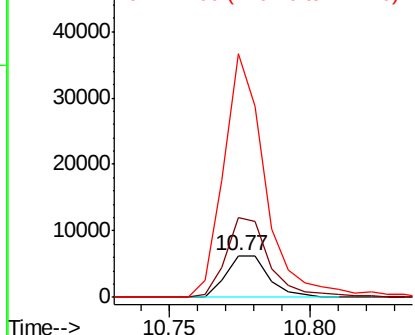
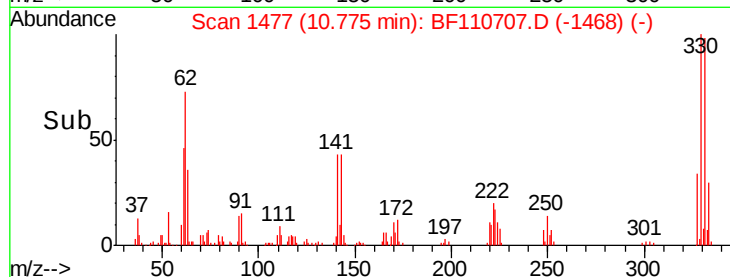
#67
 4-Bromophenyl-phenylether
 Concen: 2.520 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.25 min
 Lab File: BF110707.D
 Acq: 13 Nov 2018 7:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 6534
 Ion Ratio Lower Upper
 248 100
 250 192.1 79.4 119.2#
 141 583.2 55.9 83.9#

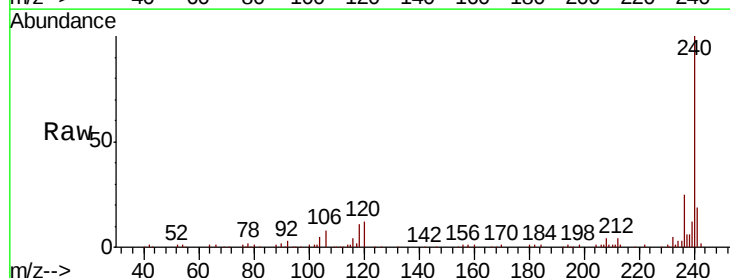


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

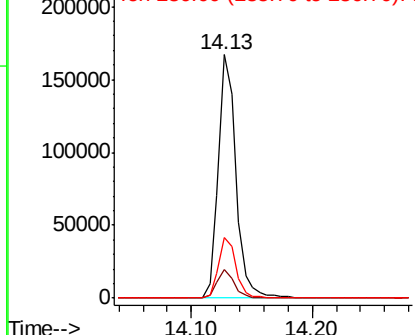
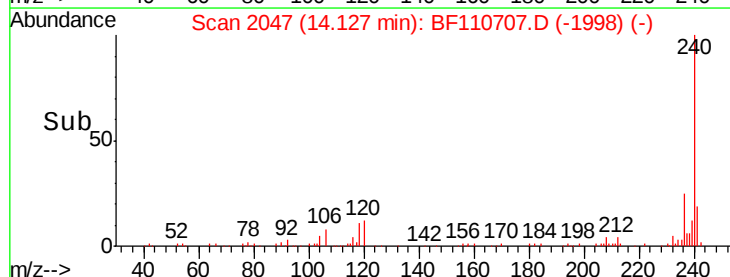


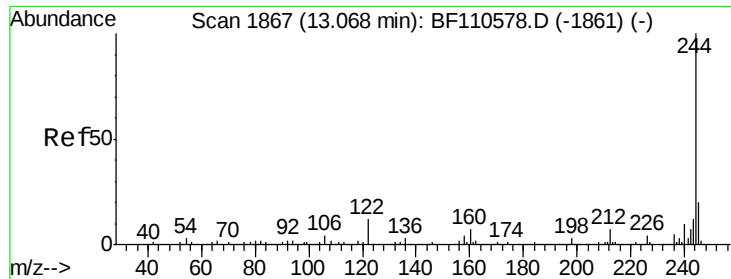
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110707.D
 Acq: 13 Nov 2018 7:12

Tgt Ion:240 Resp: 166622
 Ion Ratio Lower Upper
 240 100
 120 11.8 8.3 12.5
 236 24.8 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





#79

Terphenyl-d14

Concen: 75.418 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110707.D

Acq: 13 Nov 2018 7:12

Instrument :

BNA_F

ClientSampleId :

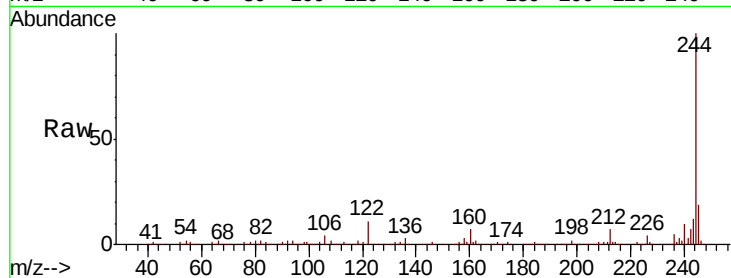
Tot Ion:244 Resp: 671000

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

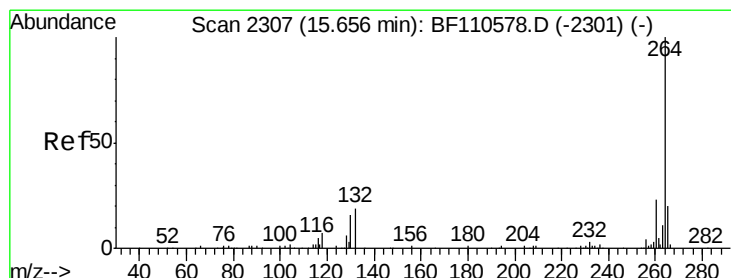
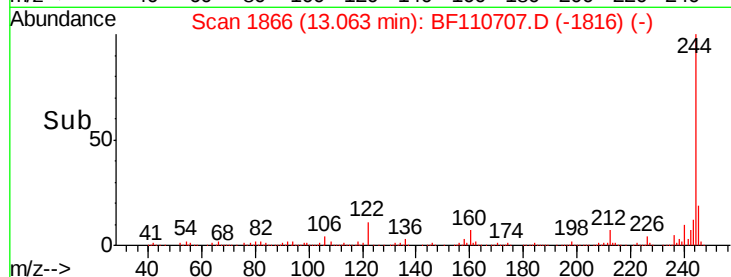
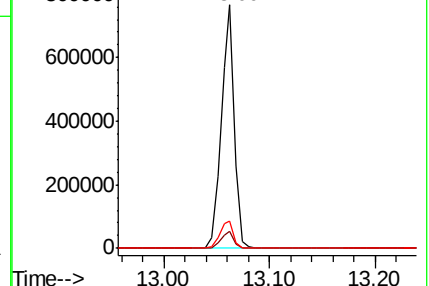
122 11.3 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110707.D

Acq: 13 Nov 2018 7:12

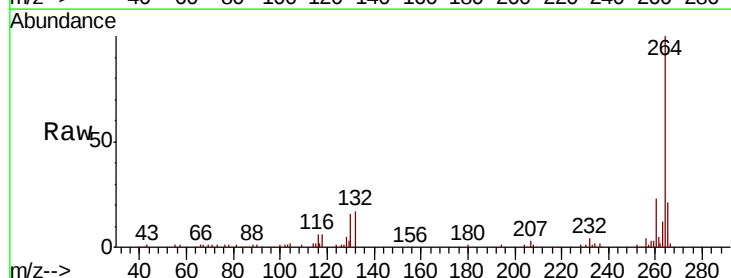
Tgt Ion:264 Resp: 123628

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 21.1 16.7 25.1



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

