

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
 Data File : BF110028.D
 Acq On : 20 Oct 2018 3:47
 Operator : JU/SJ
 Sample : J5593-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 06:46:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 20 01:53:35 2018
 Response via : Initial Calibration

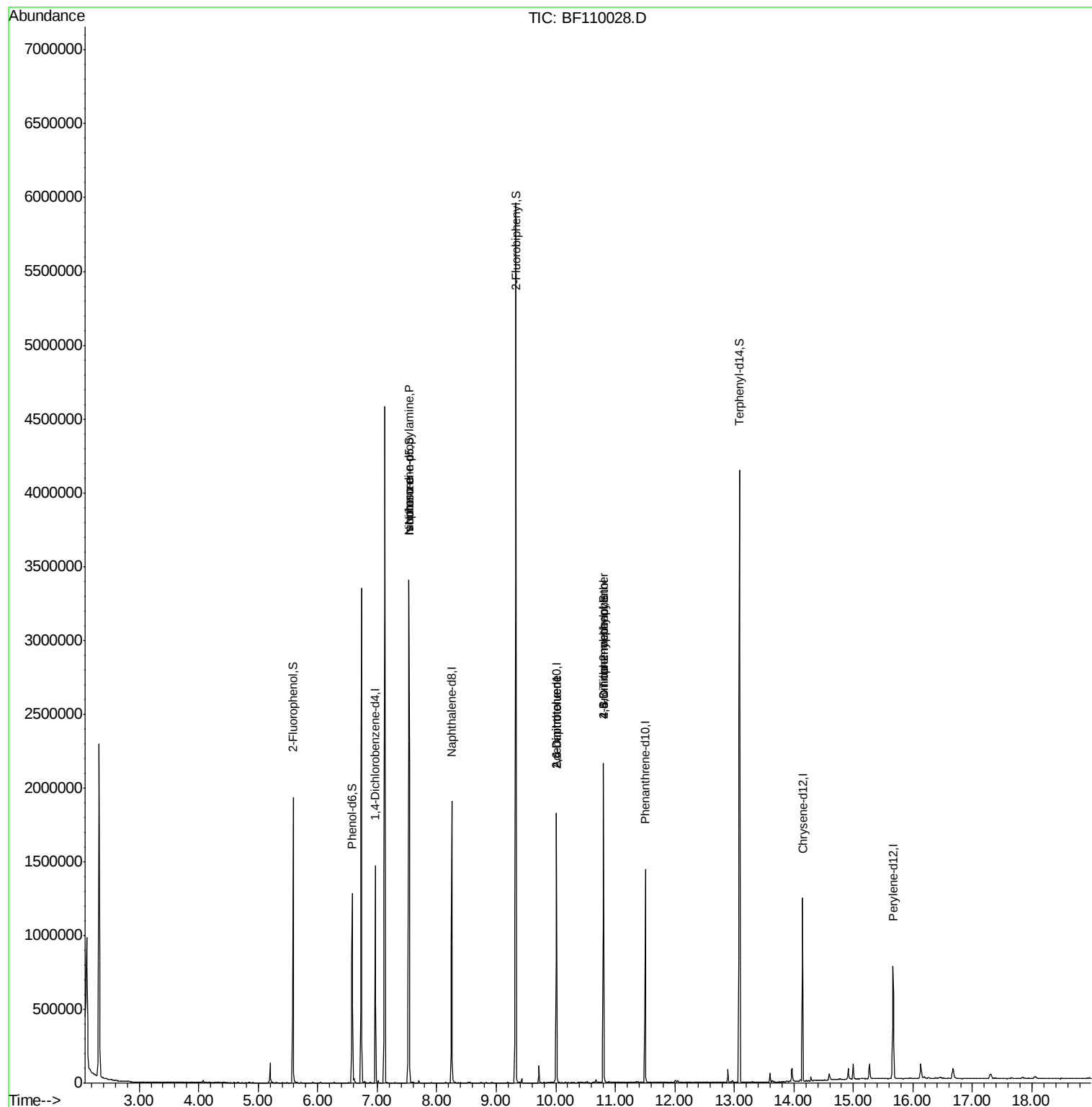
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	198236	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	791962	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	341239	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	534954	20.00	ng	0.00
76) Chrysene-d12	14.14	240	372059	20.00	ng	0.00
87) Perylene-d12	15.67	264	306398	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	479679	38.36	ng	0.00
7) Phenol-d6	6.58	99	370779	23.88	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1186010	100.88	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	238949	80.88	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1975180	92.36	ng	0.00
79) Terphenyl-d14	13.09	244	1379716	77.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	157690	15.815	ng	# 80
25) Isophorone	7.53	82	1185997	51.341	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	43144	9.401	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	43144	11.315	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	559	8.145	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	15375	2.652	ng	# 1

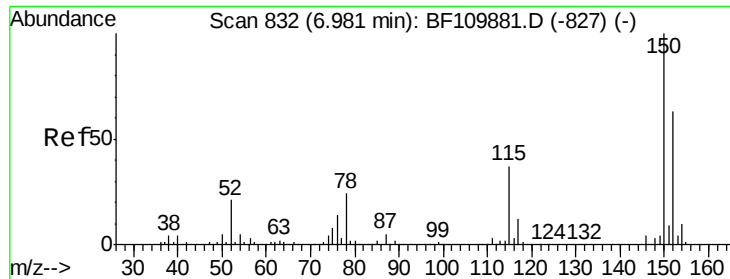
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 31 Sample Multiplier: 1

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BNA_F
ClientSampleId :

Quant Time: Oct 20 06:46:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 20 01:53:35 2018
Response via : Initial Calibration



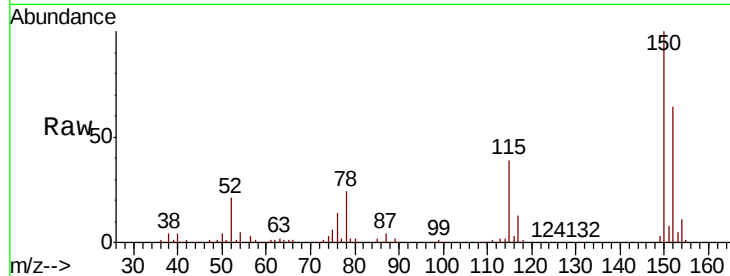


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110028.D
Acq: 20 Oct 2018 3:47

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.7	184.1
115	60.3	49.1	73.7

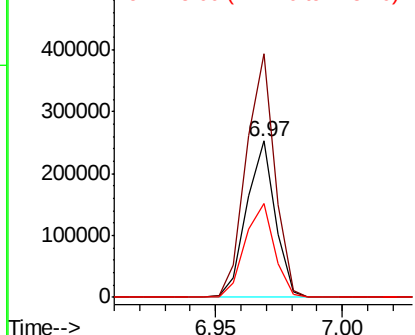
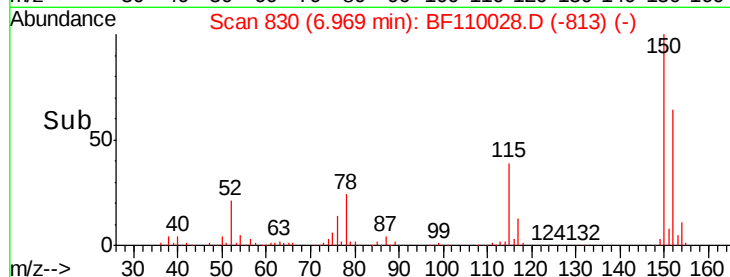


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

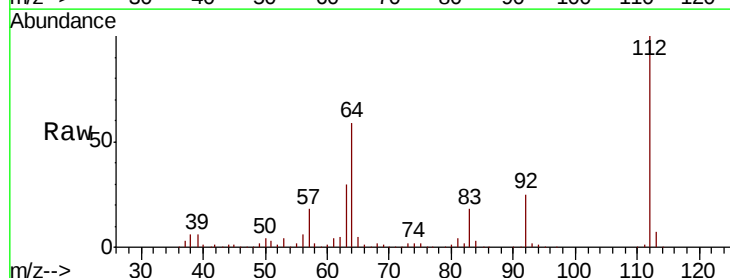
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 38.356 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF110028.D
Acq: 20 Oct 2018 3:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	44.1	66.1
63	30.3	23.7	35.5

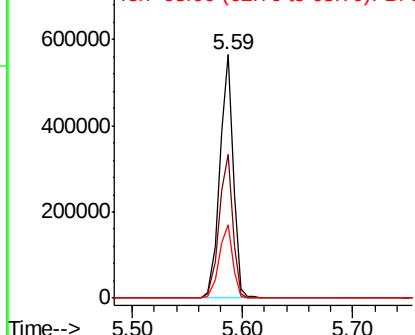
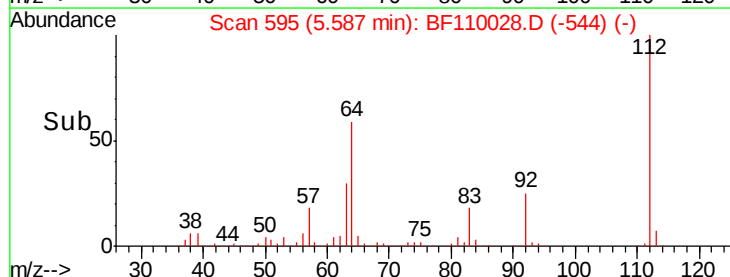


Abundance

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: 23.876 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110028.D

Acq: 20 Oct 2018 3:47

Instrument :

BNA_F

ClientSampleId :

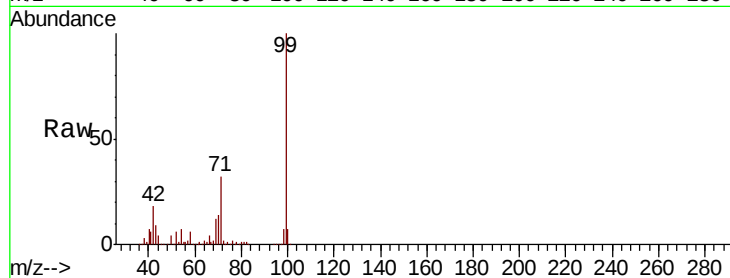
Tot Ion: 99 Resp: 370779

Ion Ratio Lower Upper

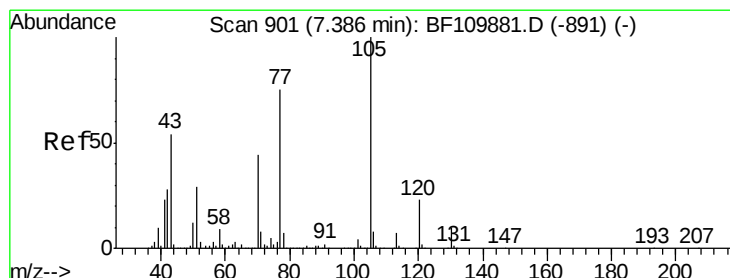
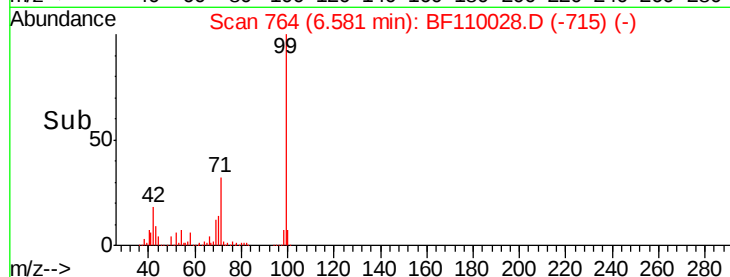
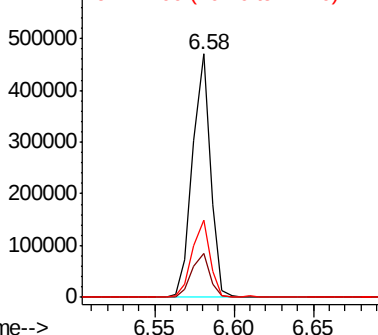
99 100

42 18.3 15.8 23.6

71 31.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.815 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.15 min

Lab File: BF110028.D

Acq: 20 Oct 2018 3:47

Tgt Ion: 70 Resp: 157690

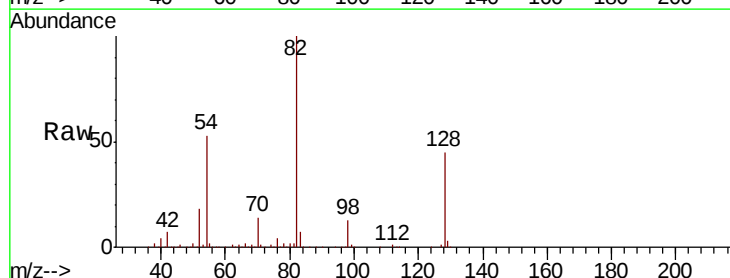
Ion Ratio Lower Upper

70 100

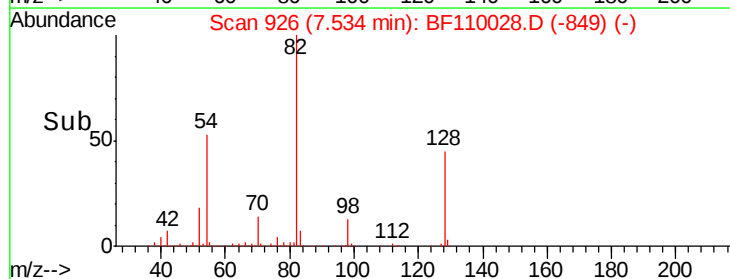
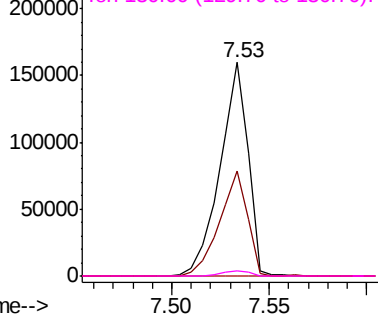
42 49.3 47.4 71.2

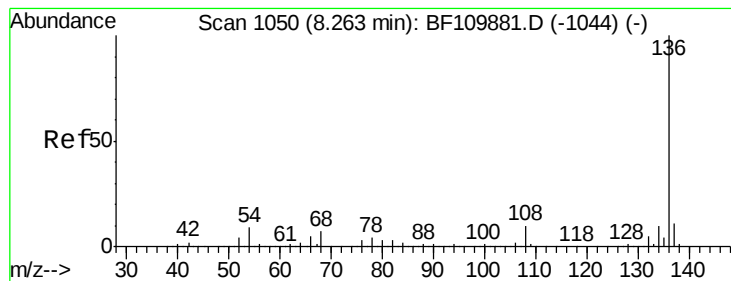
101 0.0 7.3 10.9#

130 2.3 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF110028.D

Acq: 20 Oct 2018 3:47

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 791962

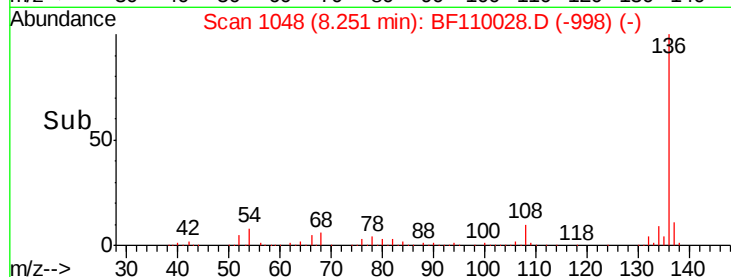
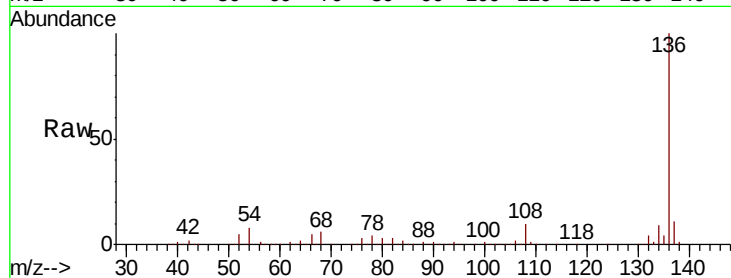
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.4 5.4 8.2#

68 5.7 4.2 6.2

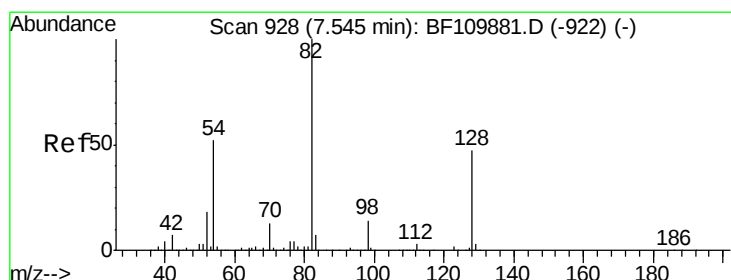
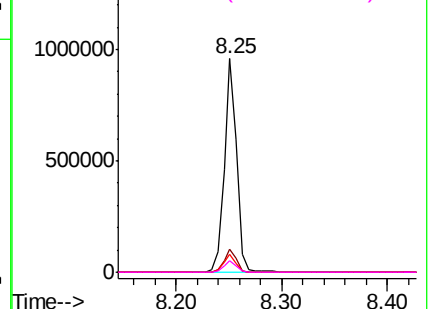


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.881 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF110028.D

Acq: 20 Oct 2018 3:47

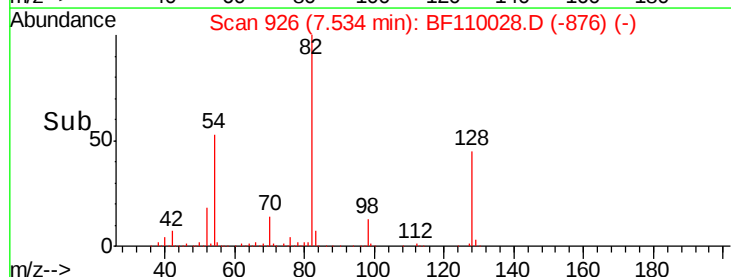
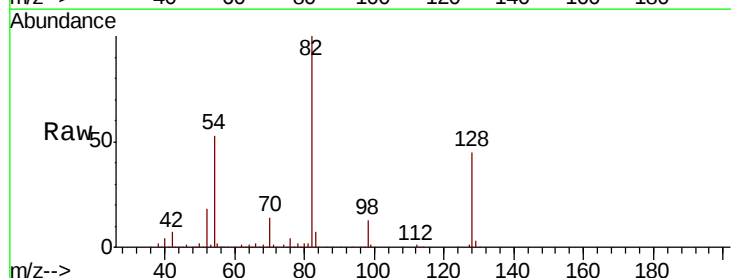
Tgt Ion: 82 Resp: 1186010

Ion Ratio Lower Upper

82 100

128 44.6 34.2 51.2

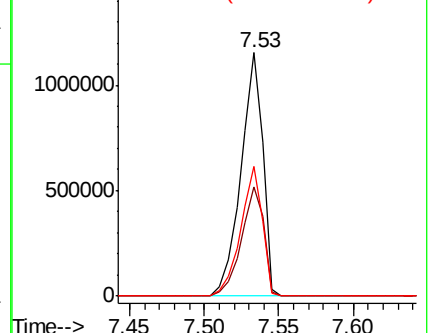
54 53.4 38.6 58.0

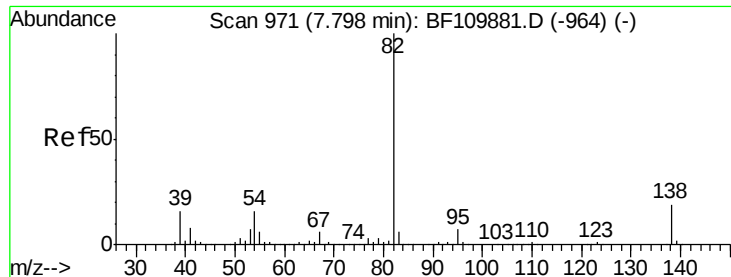


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.341 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.26 min

Lab File: BF110028.D

Acq: 20 Oct 2018 3:47

Instrument :

BNA_F

ClientSampleId :

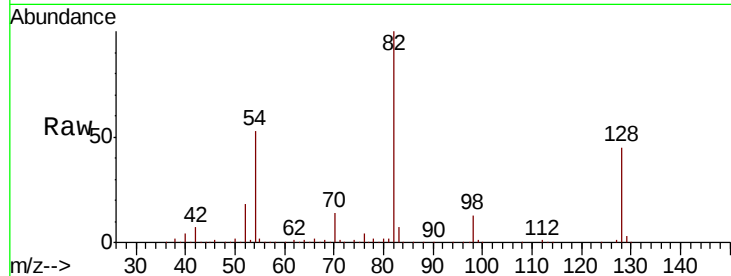
Tot Ion: 82 Resp: 1185997

Ion Ratio Lower Upper

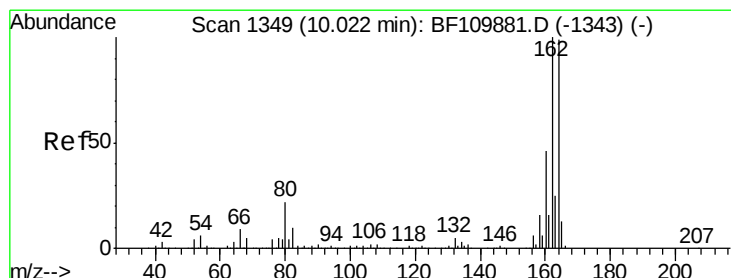
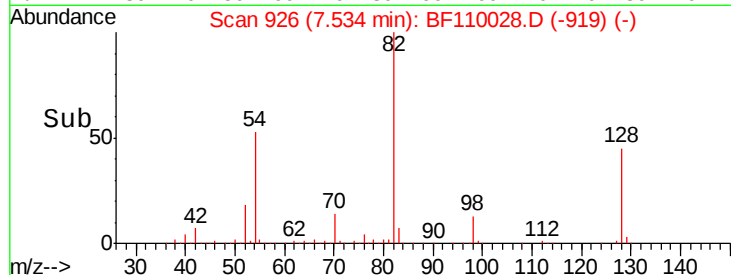
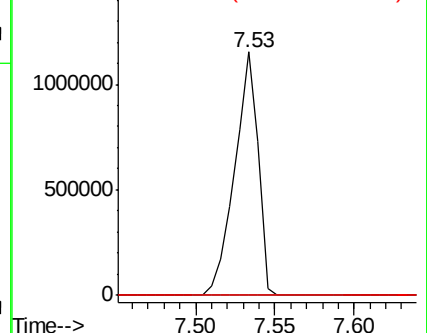
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF110028.D

Acq: 20 Oct 2018 3:47

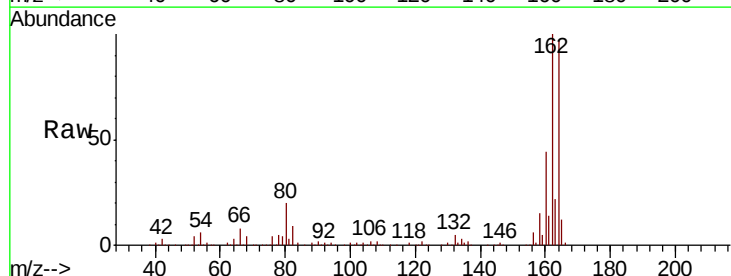
Tgt Ion:164 Resp: 341239

Ion Ratio Lower Upper

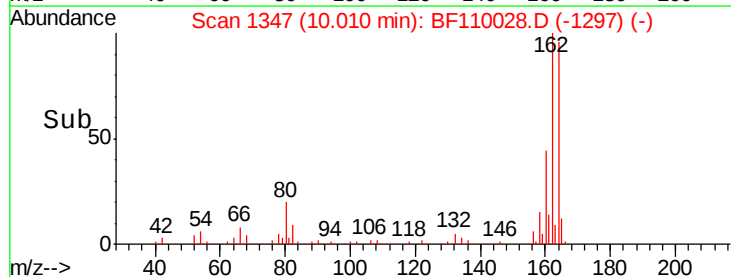
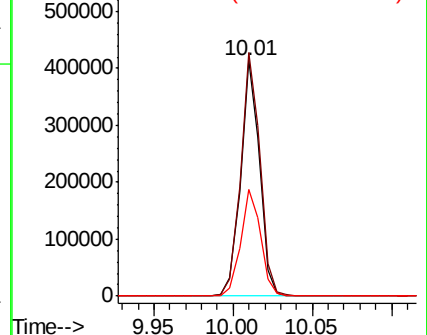
164 100

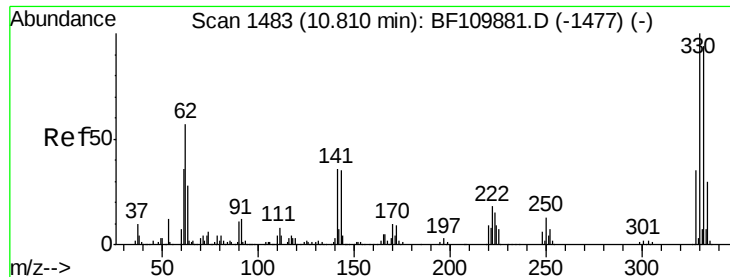
162 103.3 83.0 124.6

160 45.1 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

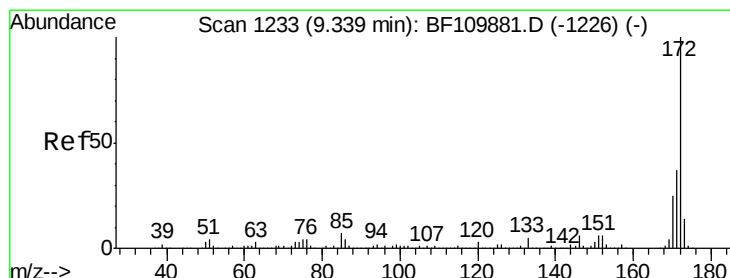
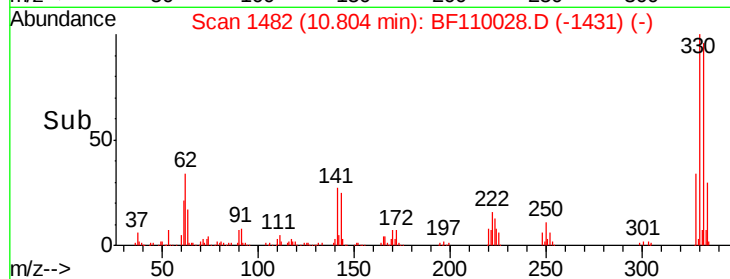
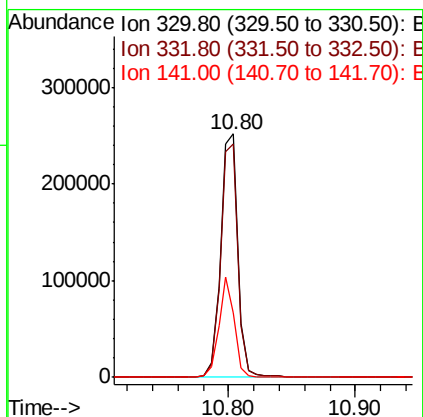
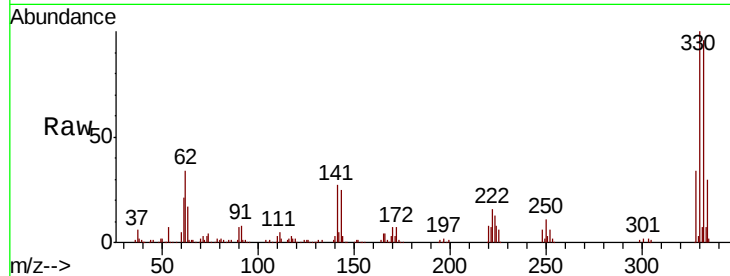




#42
 2,4,6-Tribromophenol
 Concen: 80.880 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF110028.D
 Acq: 20 Oct 2018 3:47

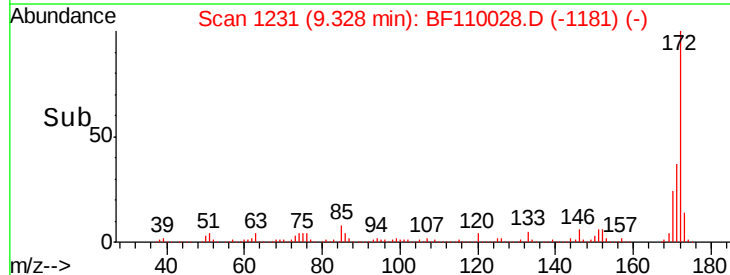
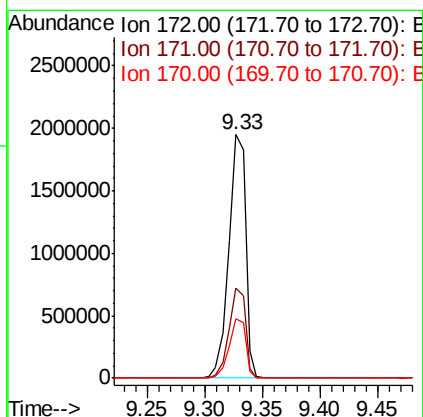
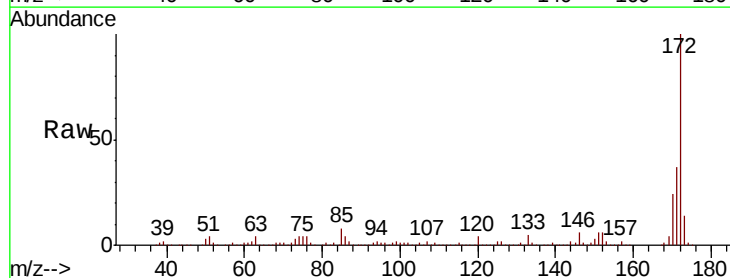
Instrument :
 BNA_F
 ClientSampleId :

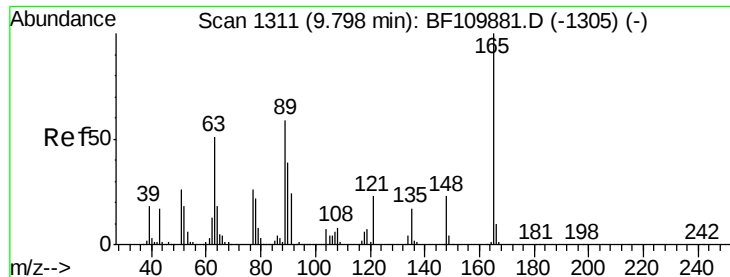
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	36.9	27.0	40.4



#45
 2-Fluorobiphenyl
 Concen: 92.361 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110028.D
 Acq: 20 Oct 2018 3:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.6	43.0
170	24.1	19.7	29.5





#51

2,6-Dinitrotoluene

Concen: 9.401 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.22 min

Lab File: BF110028.D

Acq: 20 Oct 2018 3:47

Instrument :

BNA_F

ClientSampleId :

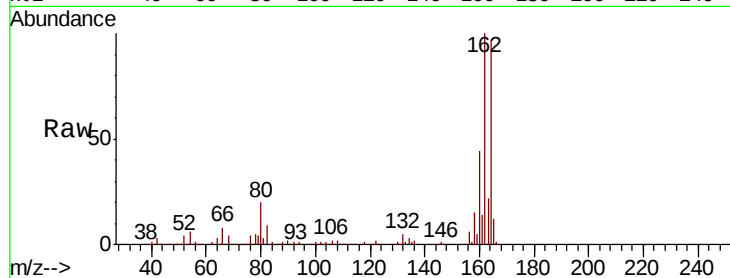
Tot Ion:165 Resp: 43144

Ion Ratio Lower Upper

165 100

63 1.3 48.9 73.3#

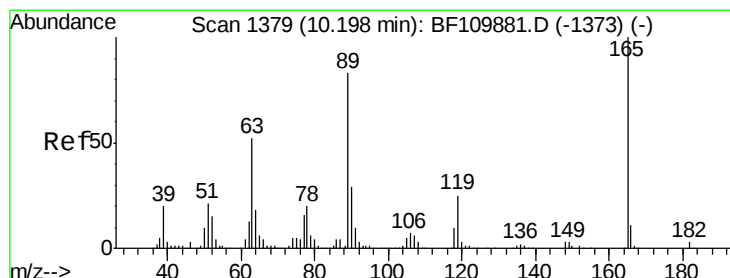
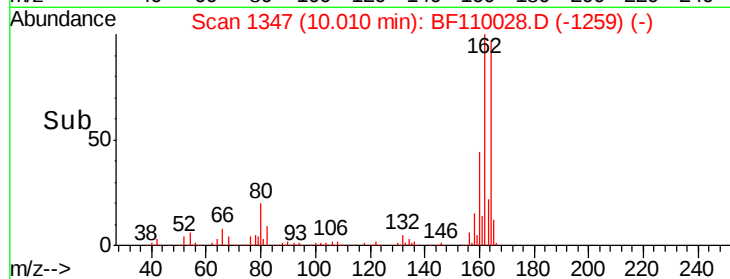
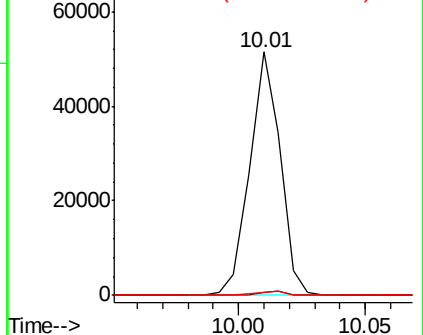
89 1.3 46.6 69.8#



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: 11.315 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.19 min

Lab File: BF110028.D

Acq: 20 Oct 2018 3:47

Tgt Ion:165 Resp: 43144

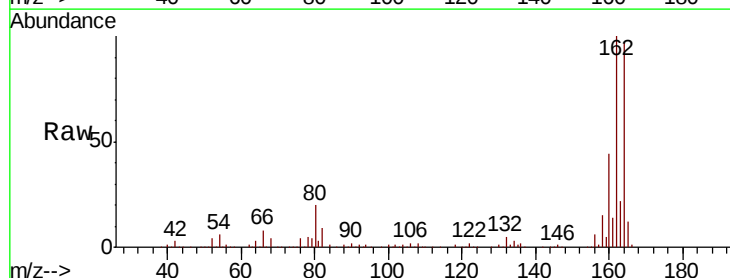
Ion Ratio Lower Upper

165 100

63 1.3 44.8 67.2#

89 1.3 62.2 93.4#

182 0.0 2.1 3.1#

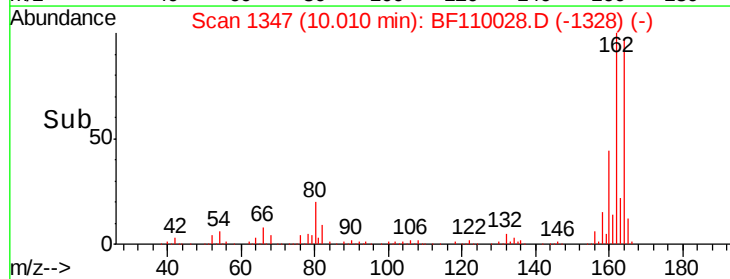
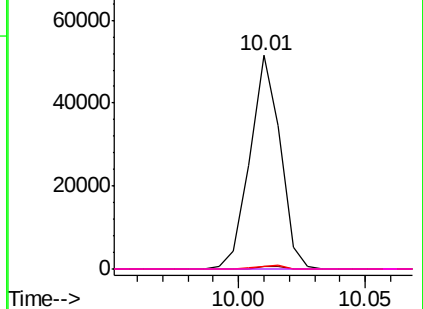


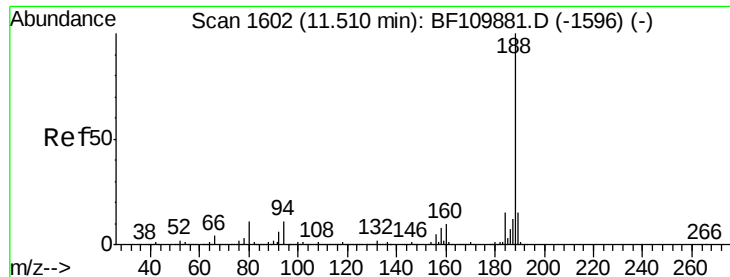
Abundance Ion 165.00 (164.70 to 165.70): E

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

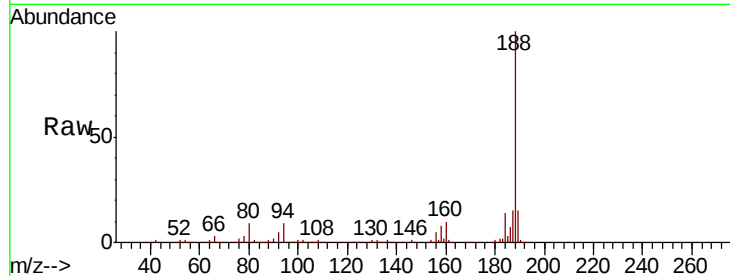




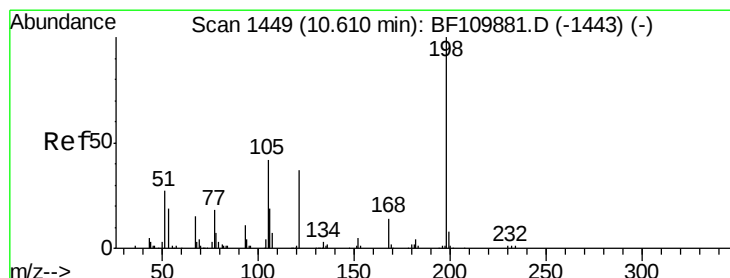
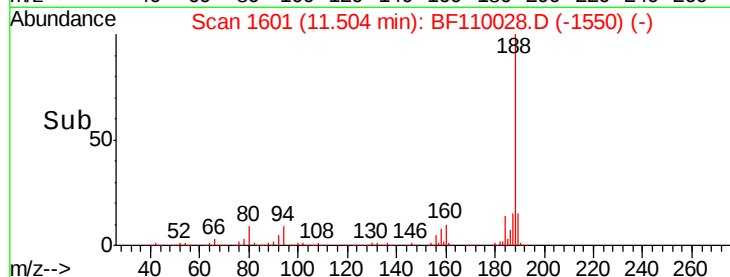
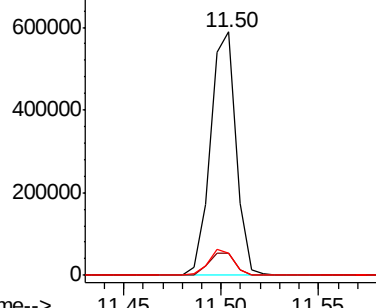
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF110028.D
Acq: 20 Oct 2018 3:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 534954
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.0 7.9 11.9

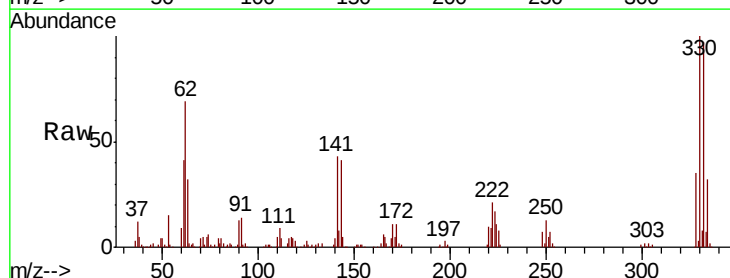


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

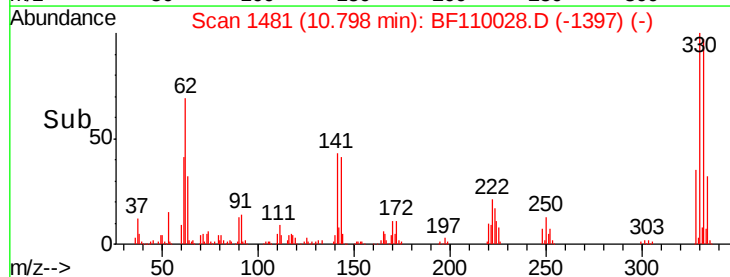
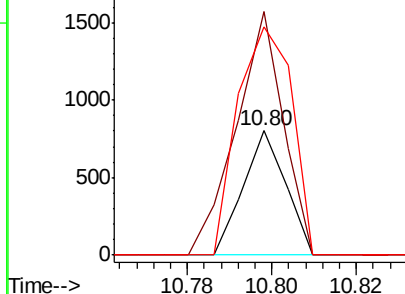


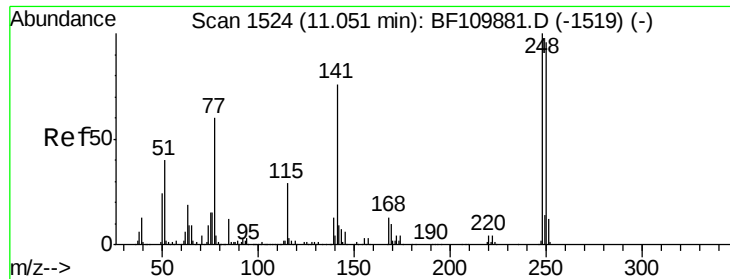
#65
4,6-Dinitro-2-methylphenol
Concen: 8.145 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.19 min
Lab File: BF110028.D
Acq: 20 Oct 2018 3:47

Tgt Ion:198 Resp: 559
Ion Ratio Lower Upper
198 100
51 196.4 22.8 62.8#
105 184.5 23.6 63.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

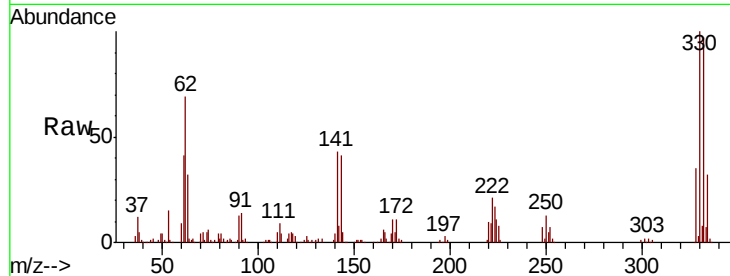




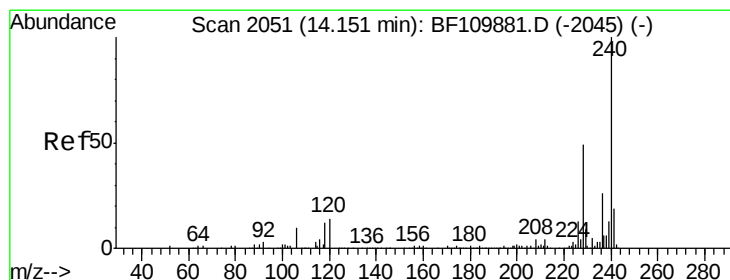
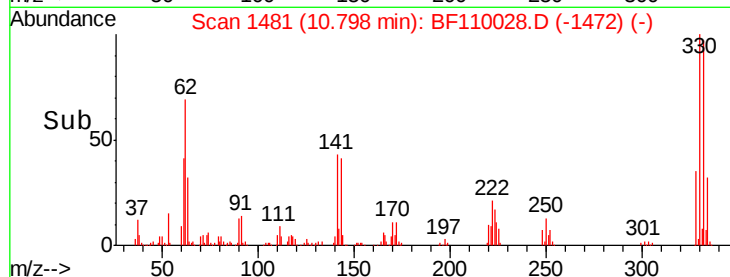
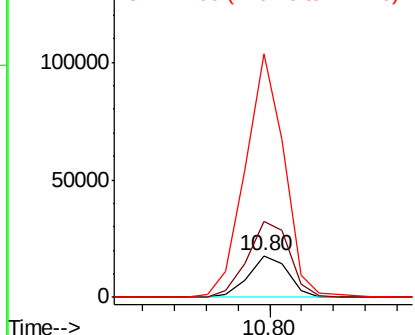
#67
 4-Bromophenyl-phenylether
 Concen: 2.652 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.25 min
 Lab File: BF110028.D
 Acq: 20 Oct 2018 3:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 15375
 Ion Ratio Lower Upper
 248 100
 250 181.1 79.4 119.2#
 141 583.9 55.9 83.9#

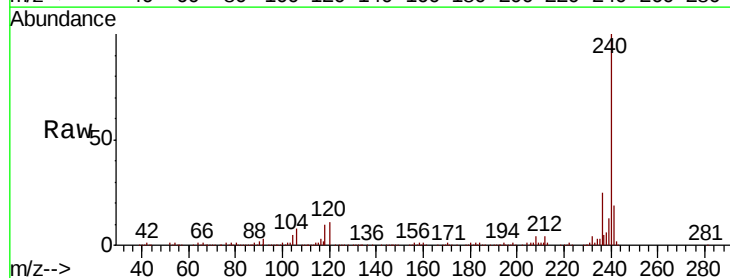


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

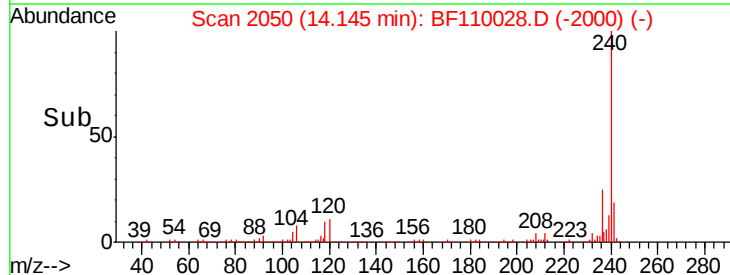
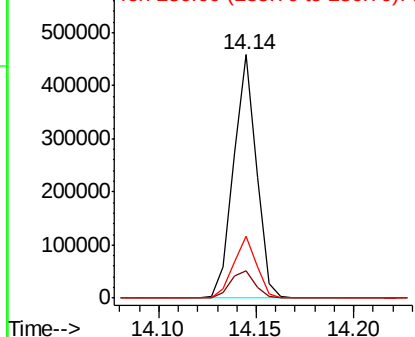


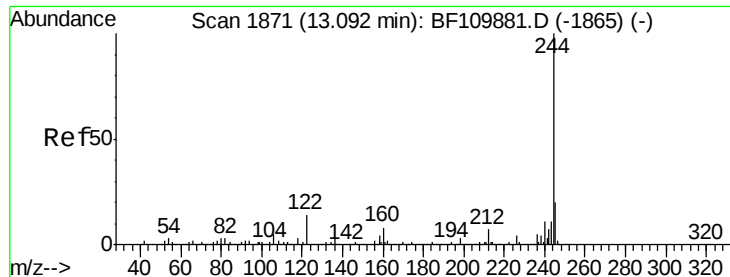
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BF110028.D
 Acq: 20 Oct 2018 3:47

Tgt Ion:240 Resp: 372059
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.3 12.5
 236 25.5 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: 77.872 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BF110028.D

Acq: 20 Oct 2018 3:47

Instrument :

BNA_F

ClientSampleId :

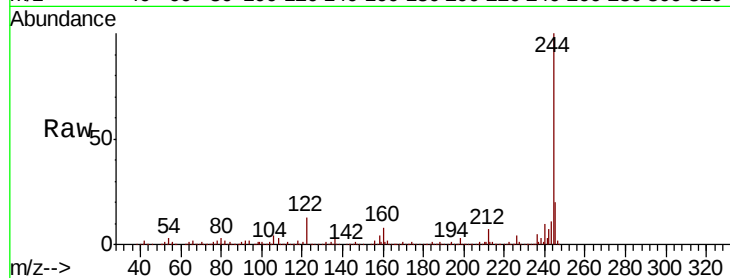
Tot Ion:244 Resp: 1379716

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

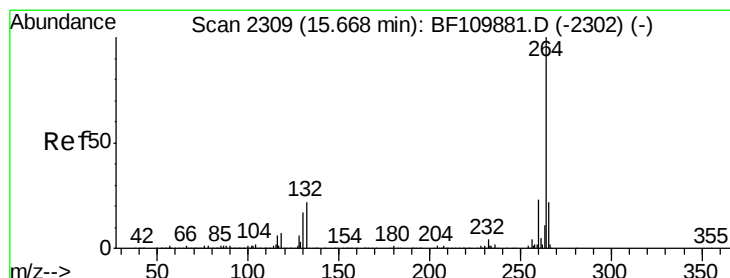
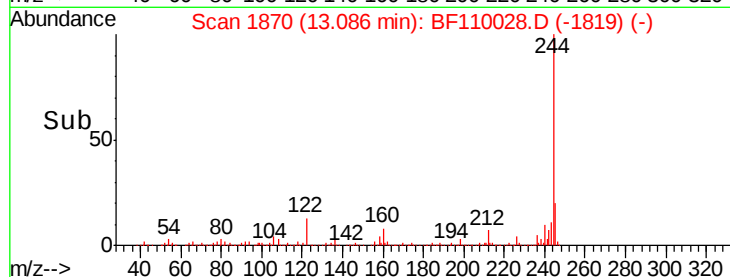
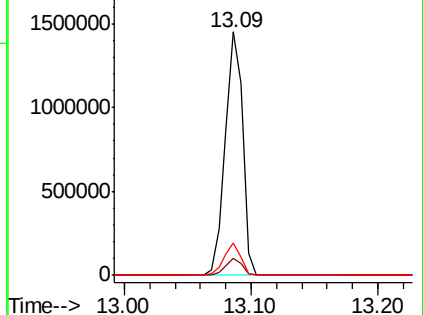
122 13.1 8.7 13.1#



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: 15.67 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BF110028.D

Acq: 20 Oct 2018 3:47

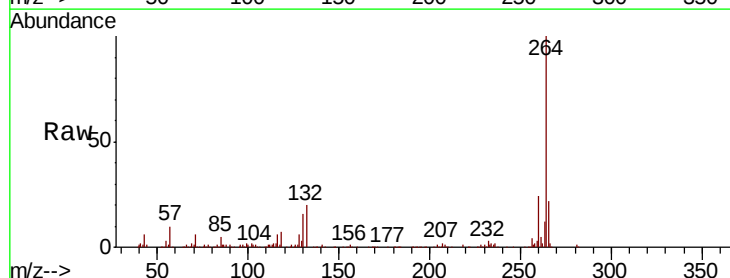
Tgt Ion:264 Resp: 306398

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.6 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

