

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
 Data File : BF110025.D
 Acq On : 20 Oct 2018 2:26
 Operator : JU/SJ
 Sample : J5593-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 04:02:31 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

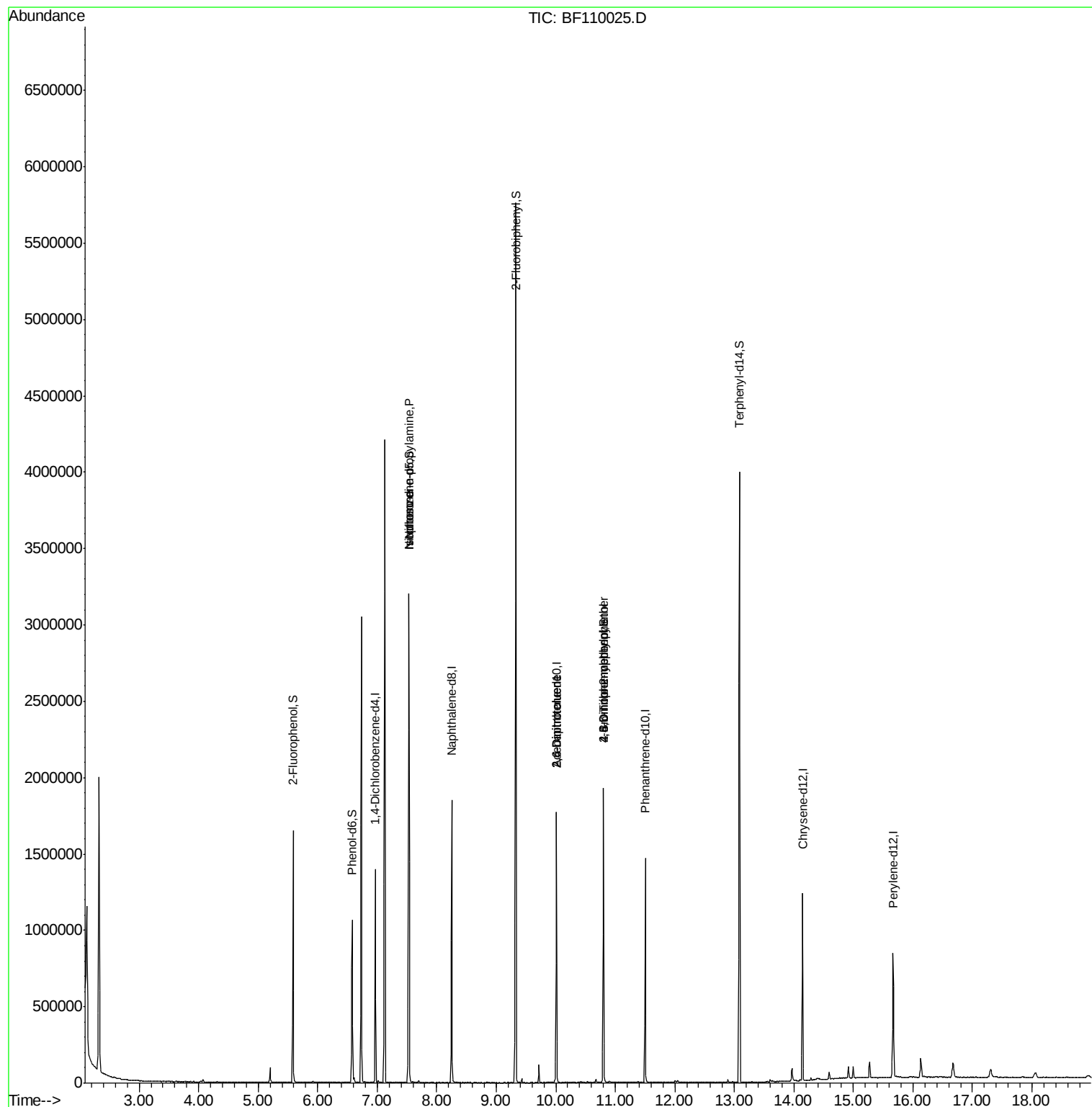
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	189466	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	751834	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	325703	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	515071	20.00	ng	0.00
76) Chrysene-d12	14.14	240	358591	20.00	ng	0.00
87) Perylene-d12	15.67	264	298463	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	411770	34.45	ng	0.00
7) Phenol-d6	6.58	99	304348	20.51	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1062189	95.17	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	212881	75.49	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1804068	88.38	ng	0.00
79) Terphenyl-d14	13.09	244	1256311	73.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	140839	14.779	ng	# 79
25) Isophorone	7.53	82	1062355	48.443	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	40734	9.299	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	40734	11.242	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	419	8.092	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	13700	2.454	ng	# 1

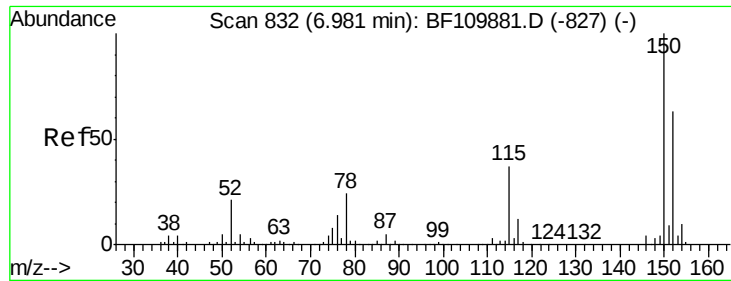
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



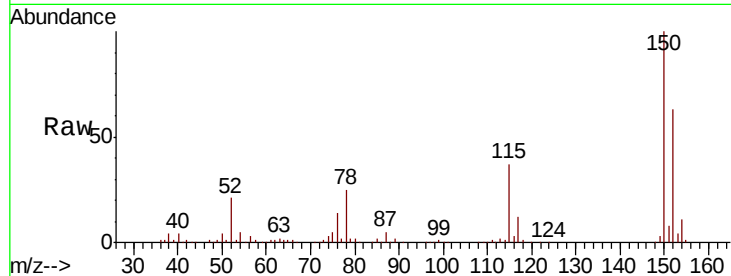


#1

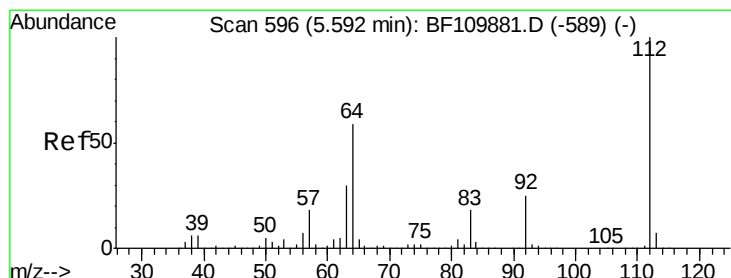
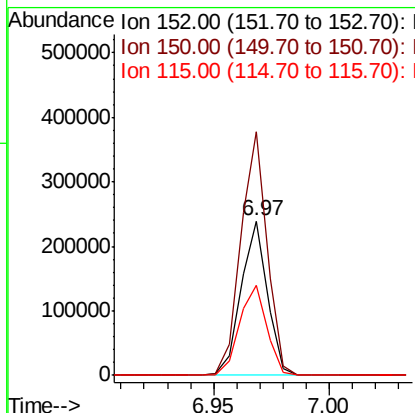
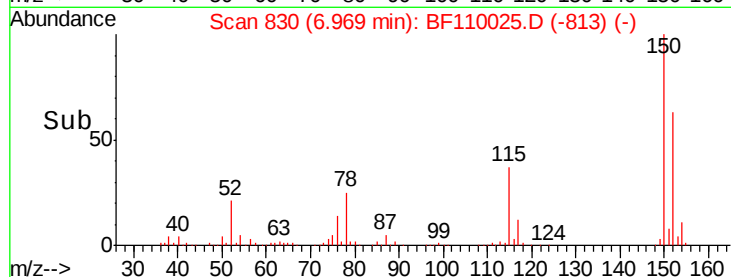
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110025.D
Acq: 20 Oct 2018 2:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 189466
Ion Ratio Lower Upper
152 100
150 157.5 122.7 184.1
115 58.4 49.1 73.7



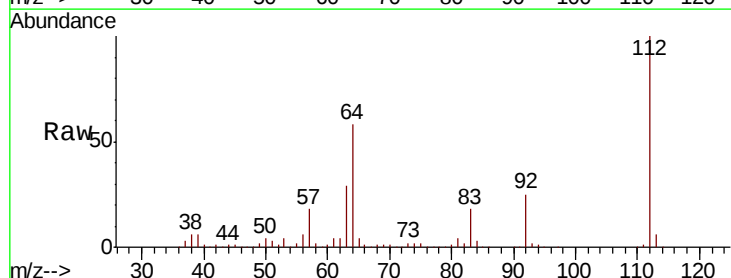
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



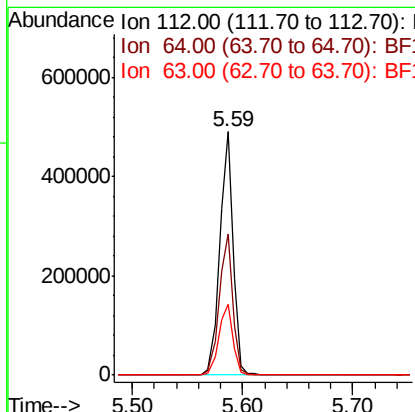
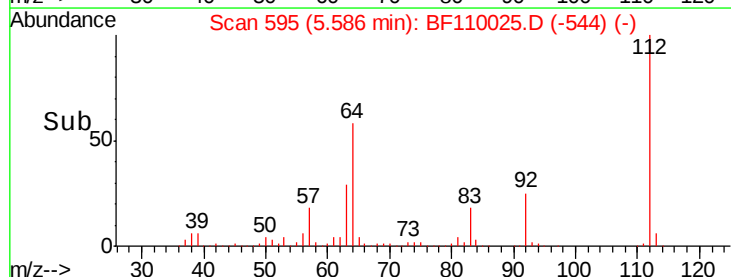
#5

2-Fluorophenol
Concen: 34.450 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF110025.D
Acq: 20 Oct 2018 2:26

Tgt Ion:112 Resp: 411770
Ion Ratio Lower Upper
112 100
64 58.1 44.1 66.1
63 29.2 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: 20.506 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110025.D

Acq: 20 Oct 2018 2:26

Instrument :

BNA_F

ClientSampled :

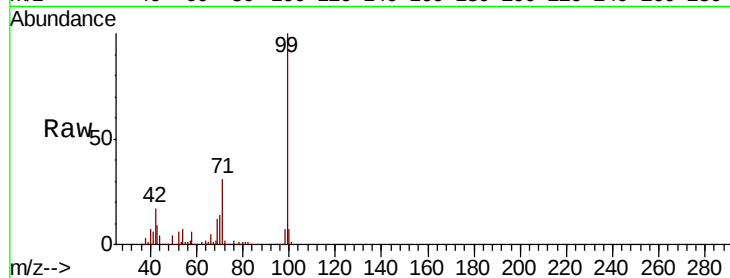
Tot Ion: 99 Resp: 304348

Ion Ratio Lower Upper

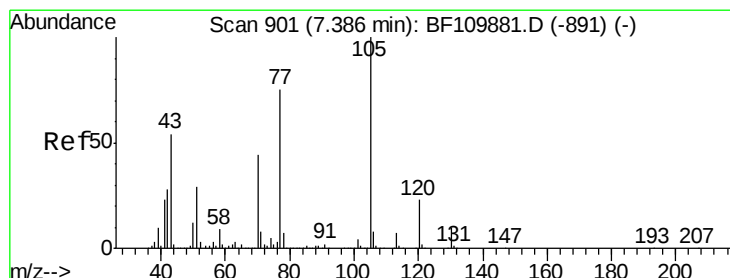
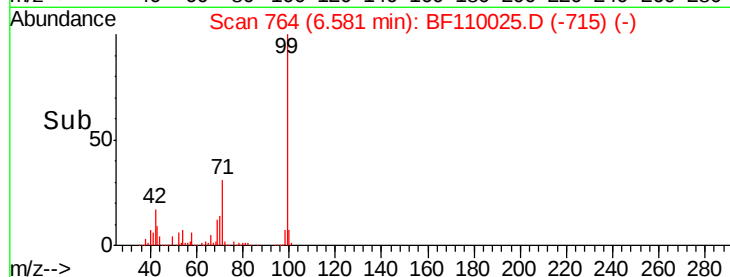
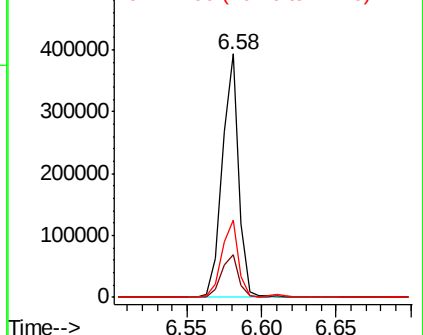
99 100

42 17.3 15.8 23.6

71 31.5 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: 14.779 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.15 min

Lab File: BF110025.D

Acq: 20 Oct 2018 2:26

Tgt Ion: 70 Resp: 140839

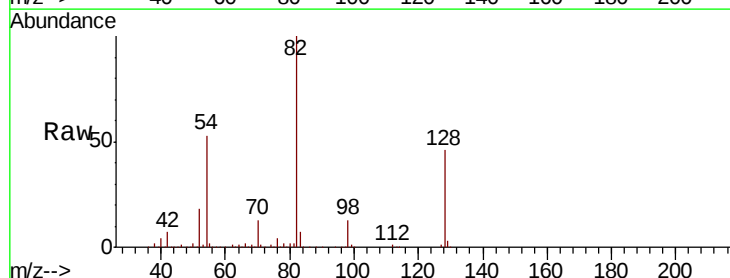
Ion Ratio Lower Upper

70 100

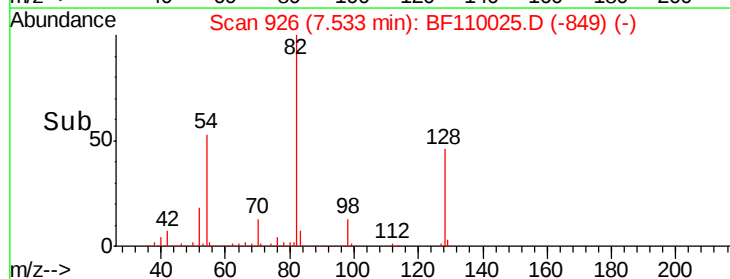
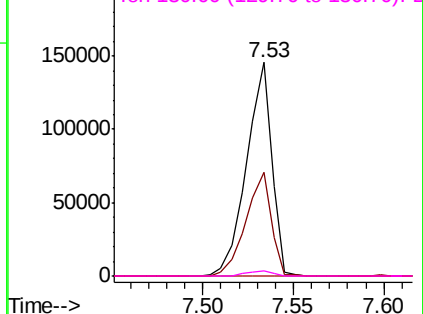
42 48.4 47.4 71.2

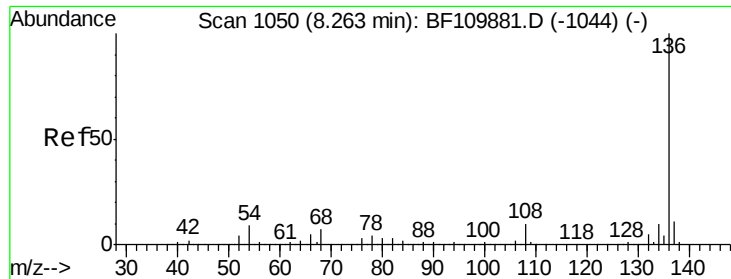
101 0.0 7.3 10.9#

130 2.1 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

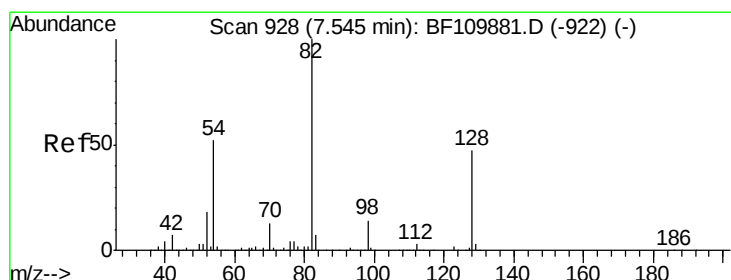
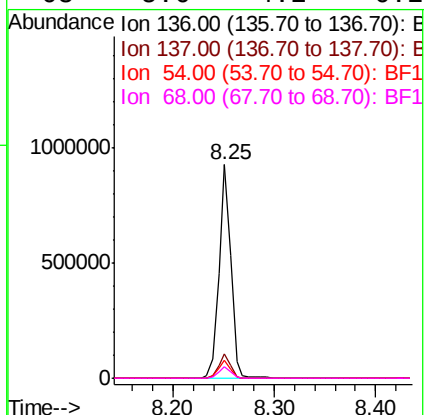
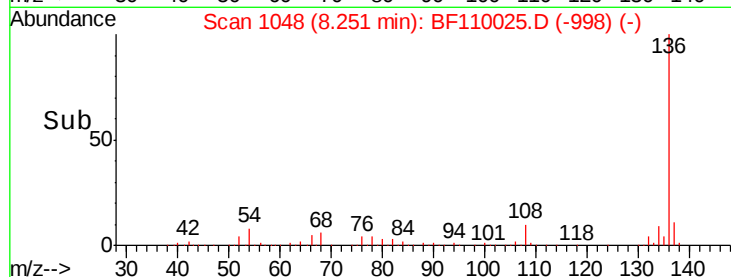
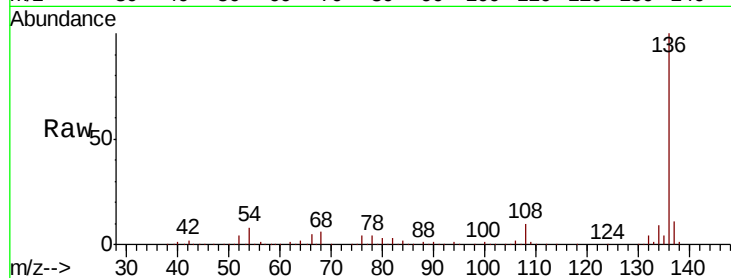




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF110025.D
Acq: 20 Oct 2018 2:26

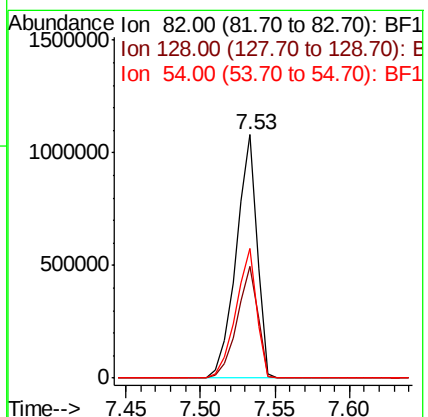
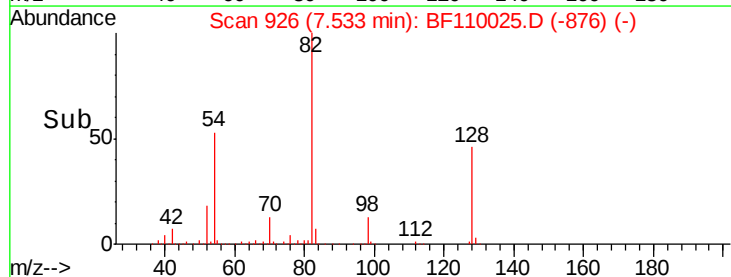
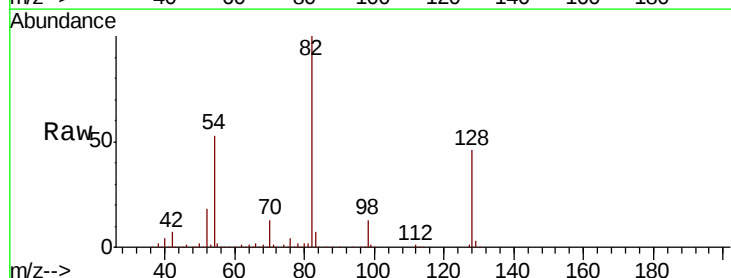
Instrument :
BNA_F
ClientSampleId :

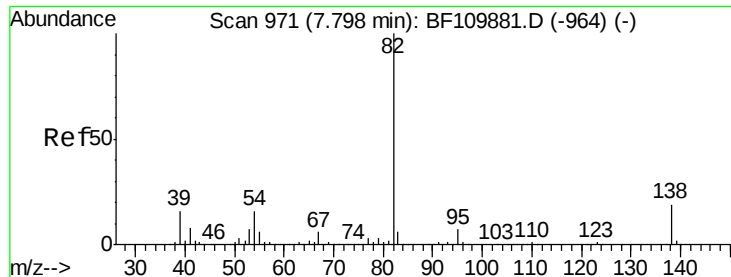
Tot Ion:136	Resp:	751834
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	8.4	5.4 8.2#
68	5.6	4.2 6.2



#23
Nitrobenzene-d5
Concen: 95.172 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF110025.D
Acq: 20 Oct 2018 2:26

Tgt Ion: 82	Resp:	1062189
Ion Ratio	Lower	Upper
82	100	
128	45.7	34.2 51.2
54	53.4	38.6 58.0

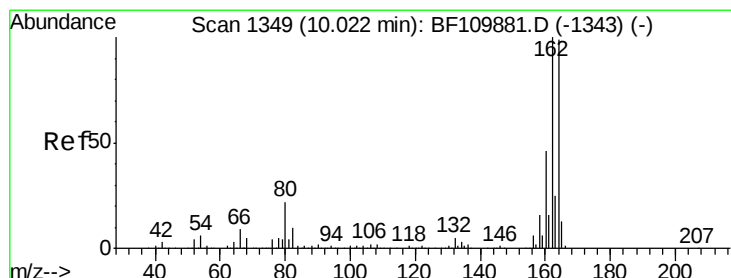
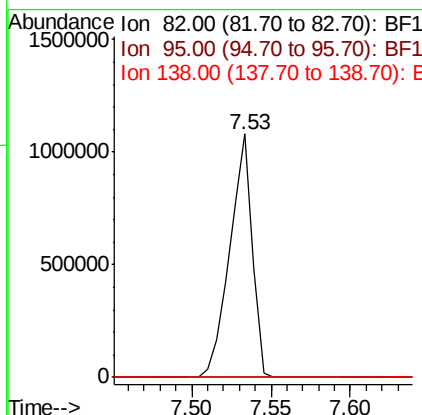
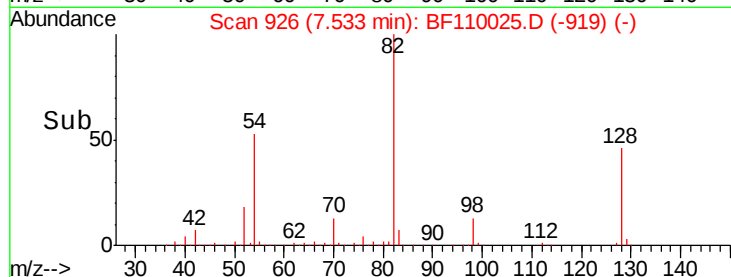
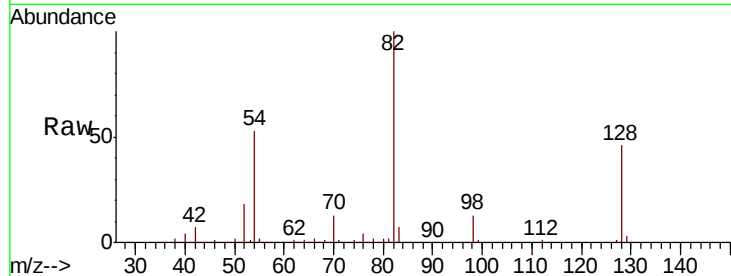




#25
Isophorone
Concen: 48.443 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.26 min
Lab File: BF110025.D
Acq: 20 Oct 2018 2:26

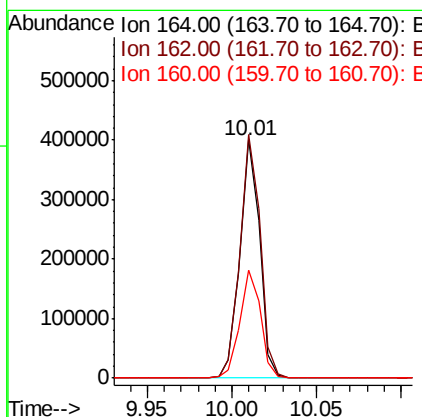
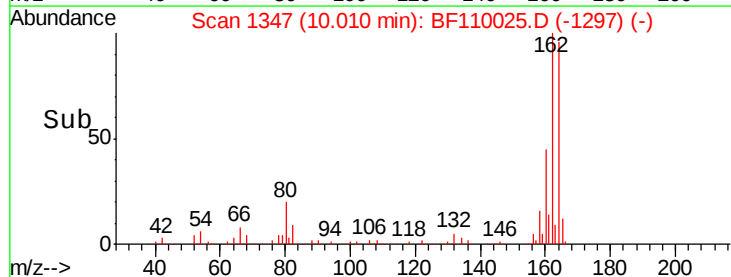
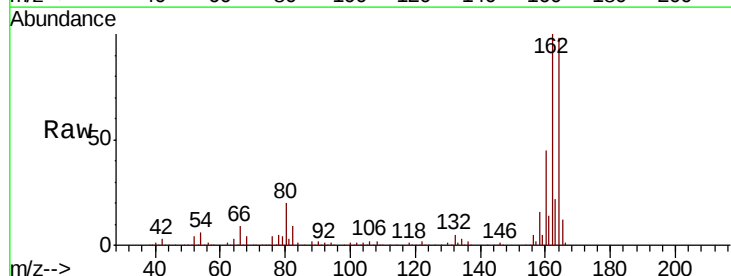
Instrument :
BNA_F
ClientSampleId :

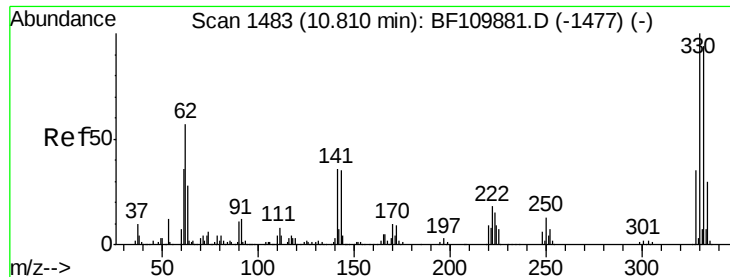
Tot Ion: 82 Resp: 1062355
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF110025.D
Acq: 20 Oct 2018 2:26

Tgt Ion: 164 Resp: 325703
Ion Ratio Lower Upper
164 100
162 102.3 83.0 124.6
160 45.6 37.0 55.6

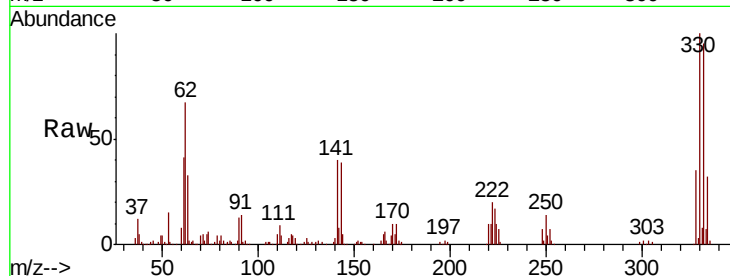




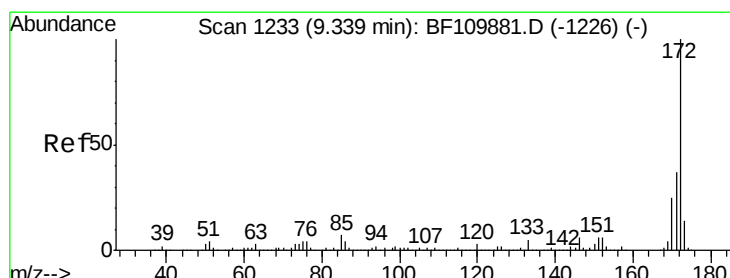
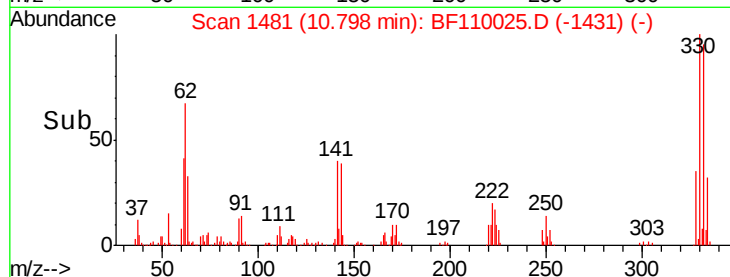
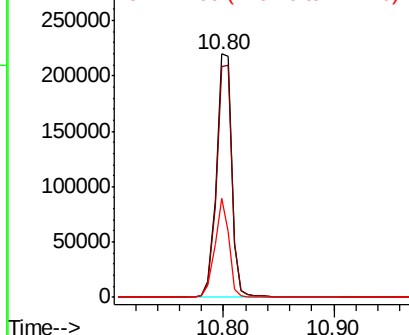
#42
 2,4,6-Tribromophenol
 Concen: 75.494 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF110025.D
 Acq: 20 Oct 2018 2:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 212881
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.1 115.7
 141 36.1 27.0 40.4

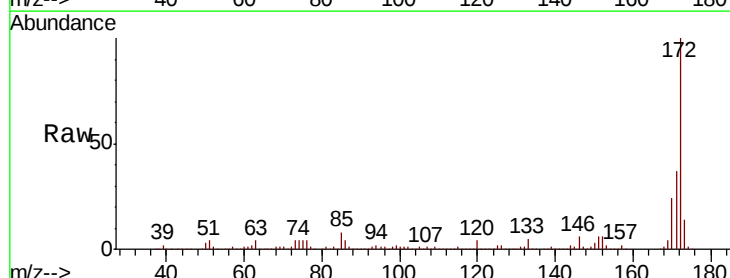


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

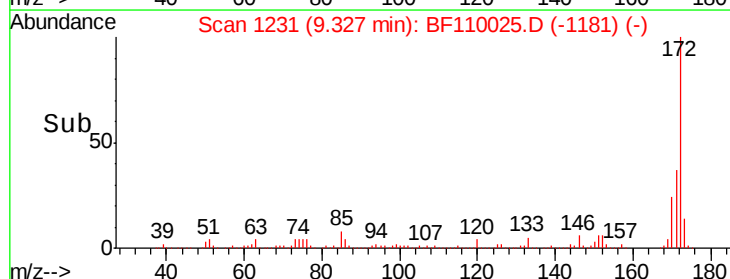
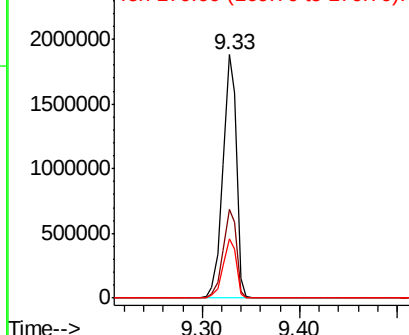


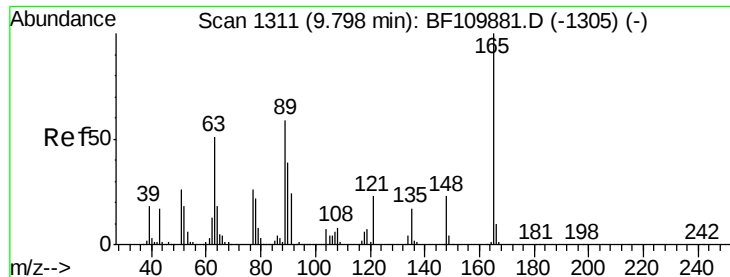
#45
 2-Fluorobiphenyl
 Concen: 88.383 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110025.D
 Acq: 20 Oct 2018 2:26

Tgt Ion:172 Resp: 1804068
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.6 43.0
 170 24.3 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





#51

2,6-Dinitrotoluene

Concen: 9.299 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.22 min

Lab File: BF110025.D

Acq: 20 Oct 2018 2:26

Instrument :

BNA_F

ClientSampleId :

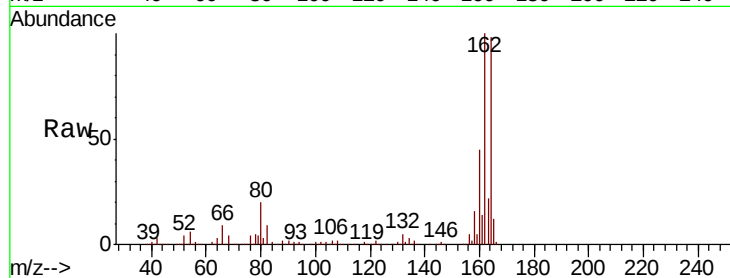
Tot Ion:165 Resp: 40734

Ion Ratio Lower Upper

165 100

63 1.4 48.9 73.3#

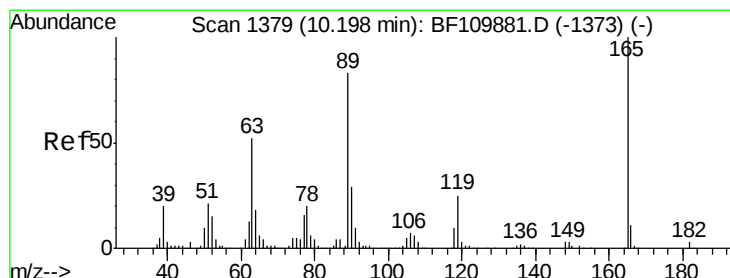
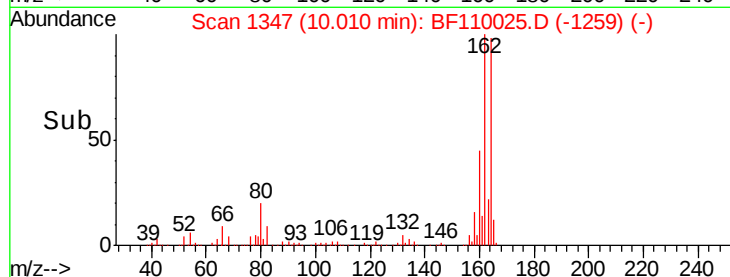
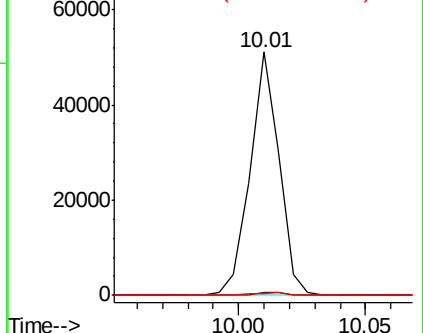
89 0.8 46.6 69.8#



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: 11.242 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.19 min

Lab File: BF110025.D

Acq: 20 Oct 2018 2:26

Tgt Ion:165 Resp: 40734

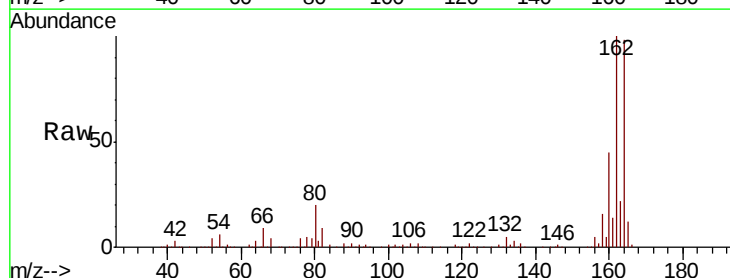
Ion Ratio Lower Upper

165 100

63 1.4 44.8 67.2#

89 0.8 62.2 93.4#

182 0.0 2.1 3.1#

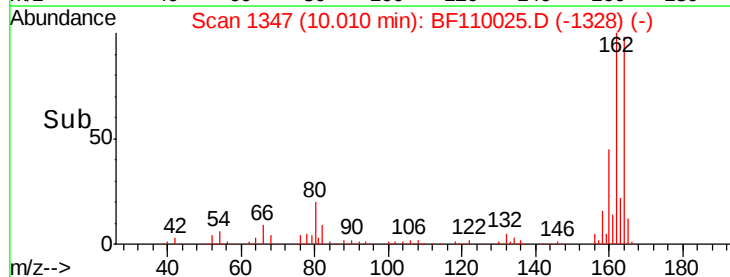
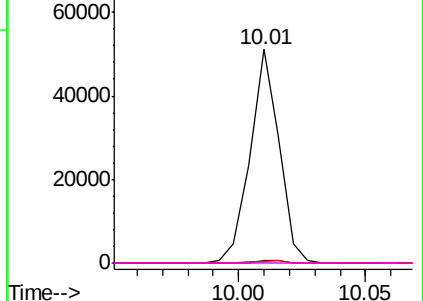


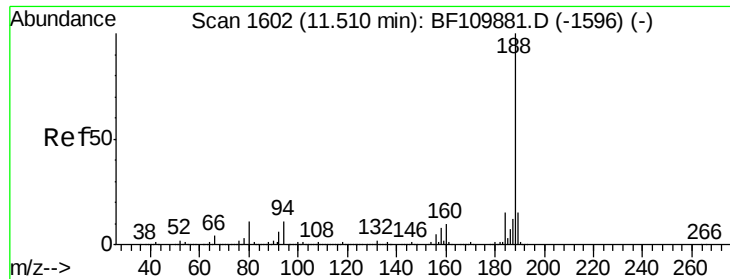
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF110025.D

Acq: 20 Oct 2018 2:26

Instrument :

BNA_F

ClientSampleId :

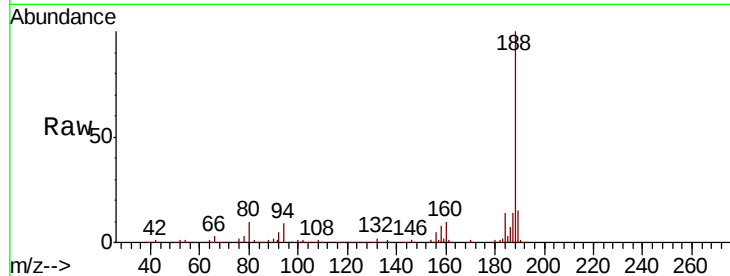
Tot Ion:188 Resp: 515071

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

80 9.6 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

800000

600000

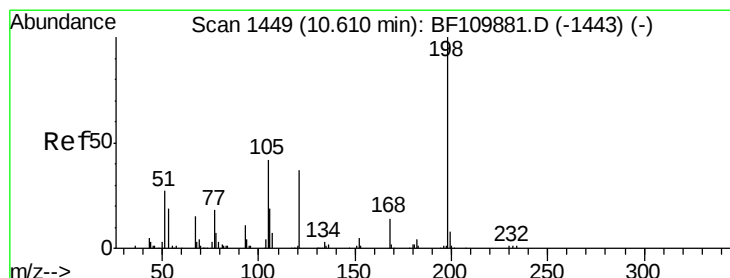
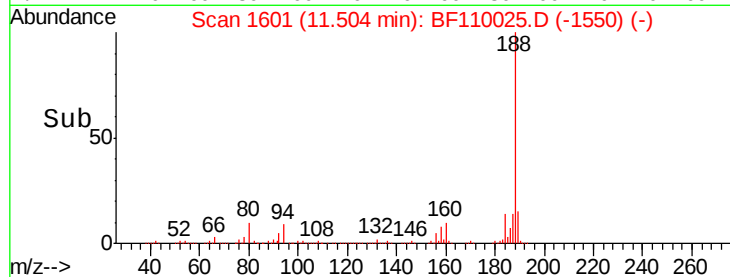
400000

200000

0

11.45 11.50 11.55

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 8.092 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.19 min

Lab File: BF110025.D

Acq: 20 Oct 2018 2:26

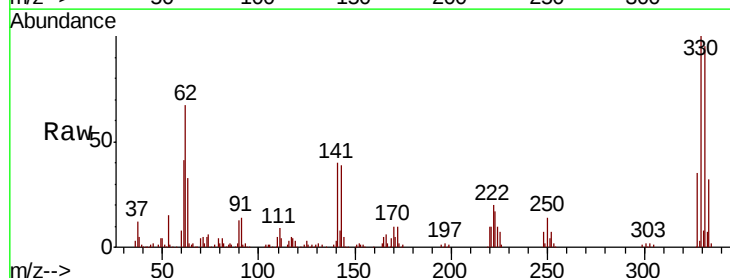
Tgt Ion:198 Resp: 419

Ion Ratio Lower Upper

198 100

51 252.1 22.8 62.8#

105 208.4 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

2000

1500

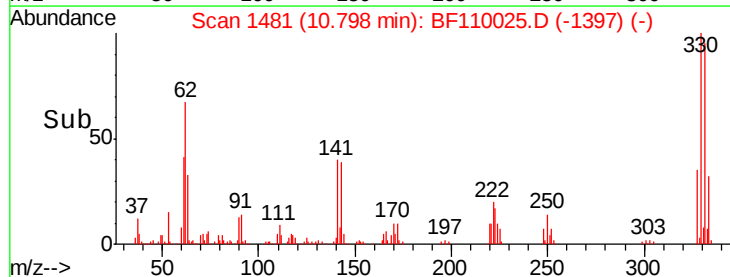
1000

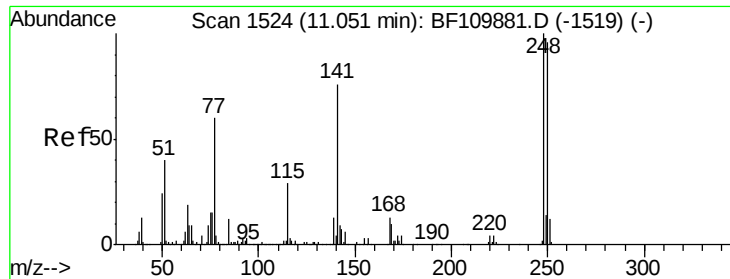
500

0

10.78 10.80 10.82

Time-->

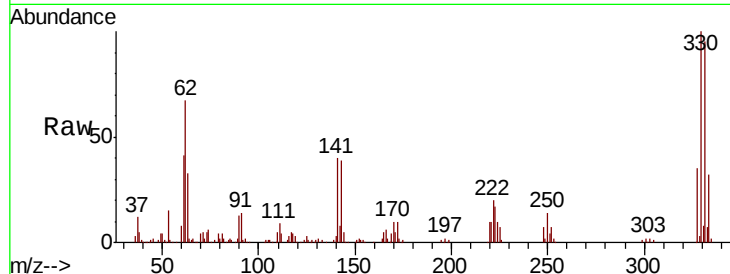




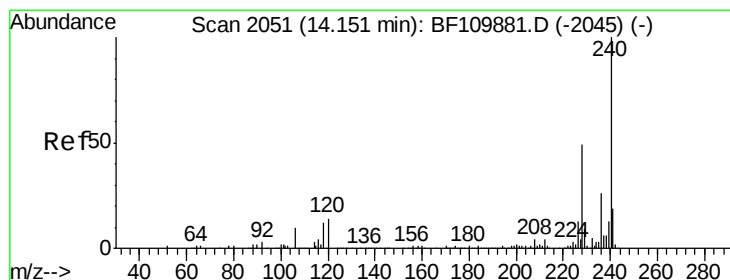
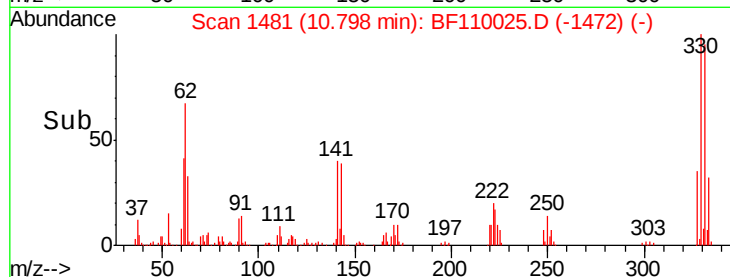
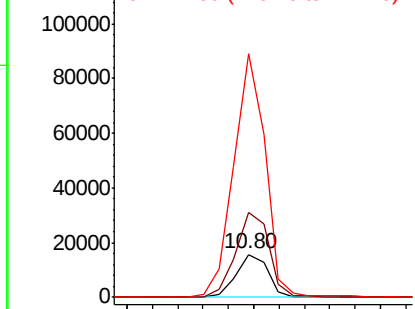
#67
4-Bromophenyl-phenylether
Concen: 2.454 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.25 min
Lab File: BF110025.D
Acq: 20 Oct 2018 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13700
Ion Ratio Lower Upper
248 100
250 197.4 79.4 119.2#
141 565.0 55.9 83.9#

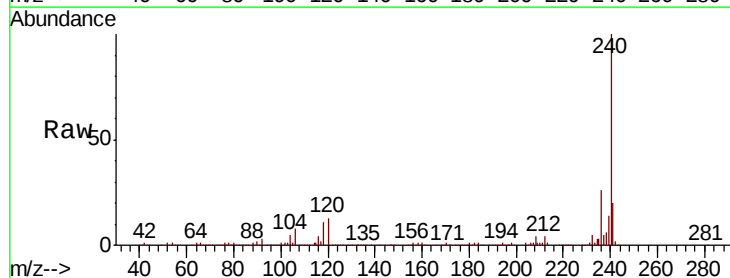


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

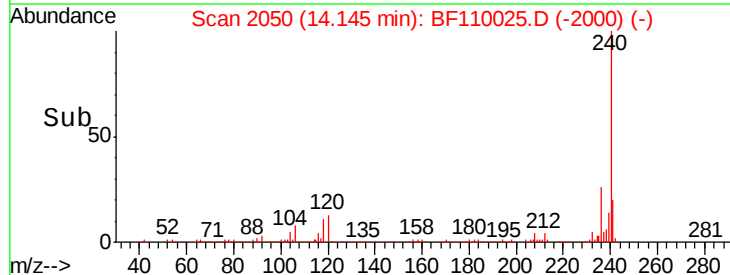
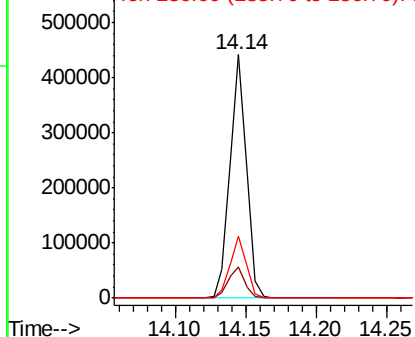


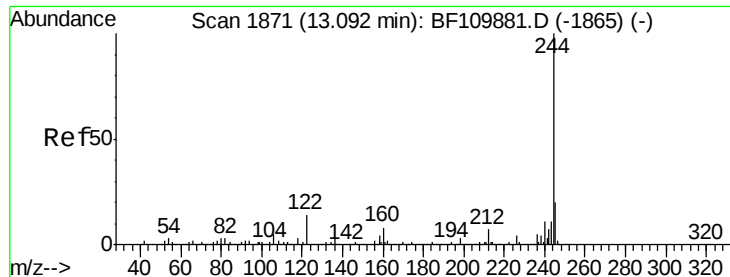
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF110025.D
Acq: 20 Oct 2018 2:26

Tgt Ion:240 Resp: 358591
Ion Ratio Lower Upper
240 100
120 12.6 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

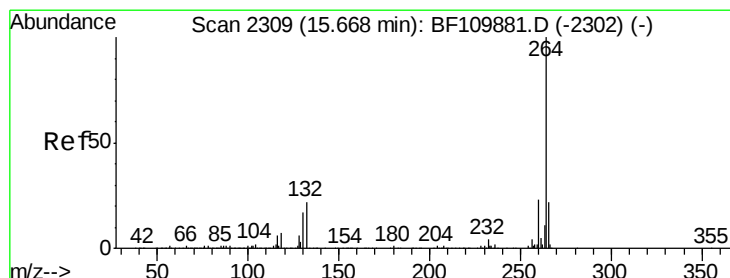
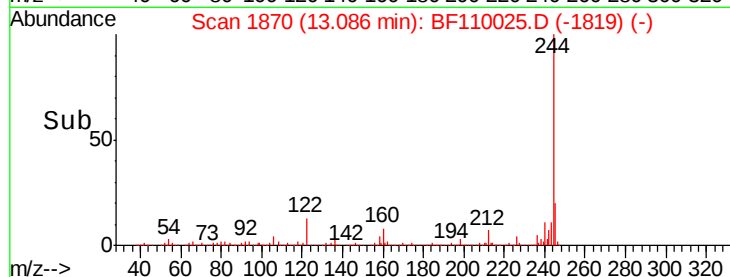
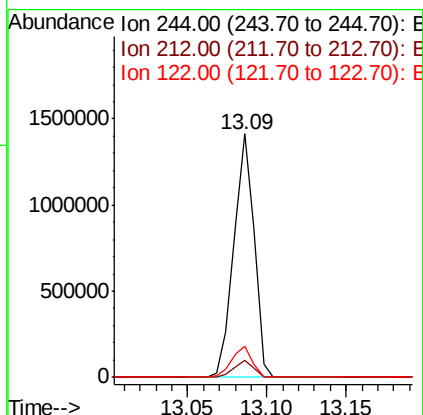
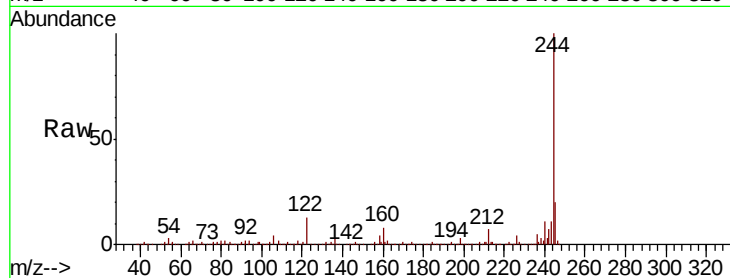




#79
 Terphenyl-d14
 Concen: 73.570 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BF110025.D
 Acq: 20 Oct 2018 2:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1256311
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 13.0 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BF110025.D
 Acq: 20 Oct 2018 2:26

Tgt Ion:264 Resp: 298463
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.7 28.1
 265 21.4 16.7 25.1

