

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110240.D
 Acq On : 27 Oct 2018 5:05
 Operator : JU/SJ
 Sample : J5686-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 27 06:31:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

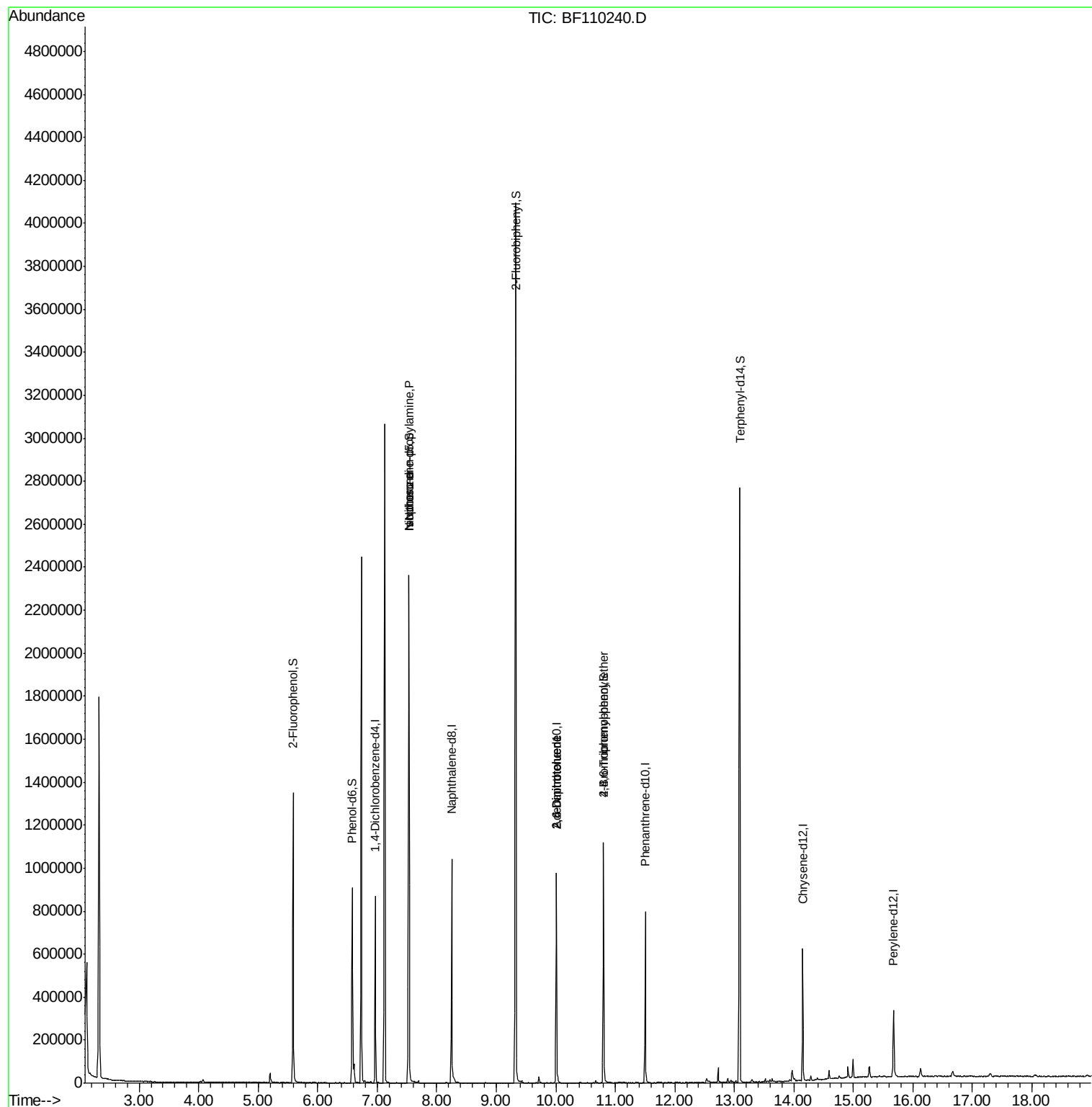
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	132693	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	492872	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	192358	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	297433	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	215798	20.00	ng	-0.01
87) Perylene-d12	15.67	264	142134	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	349395	42.88	ng	-0.01
7) Phenol-d6	6.58	99	267554	25.67	ng	-0.02
23) Nitrobenzene-d5	7.53	82	822735	99.01	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	138974	72.94	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1302223	106.30	ng	-0.01
79) Terphenyl-d14	13.09	244	1019927	98.29	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	108577	16.238	ng	# 81
25) Isophorone	7.53	82	822729	58.083	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	24324	7.953	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	24324	6.261	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	8857	2.745	ng	# 1

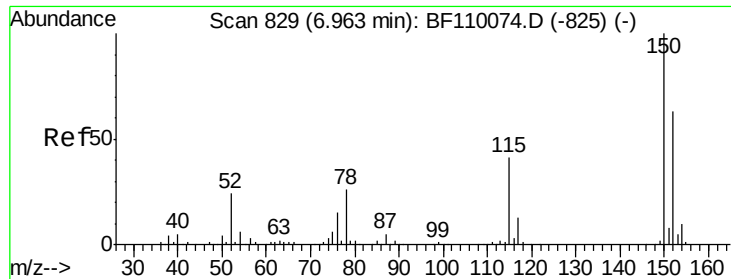
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
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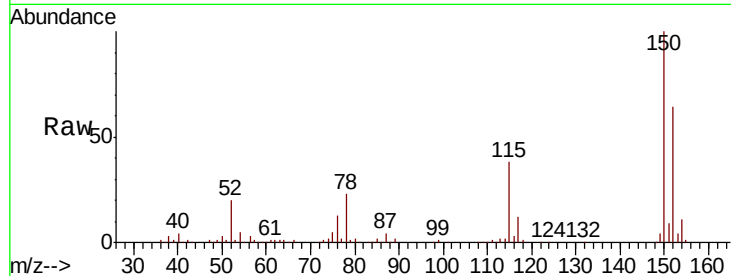


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110240.D
 Acq: 27 Oct 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	122.7	184.1
115	59.7	49.1	73.7

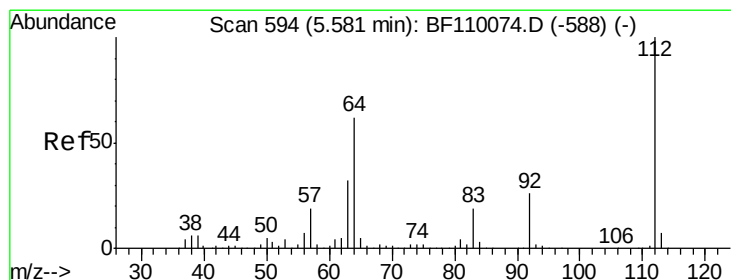
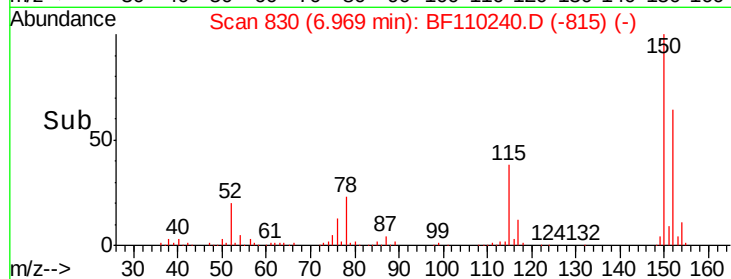
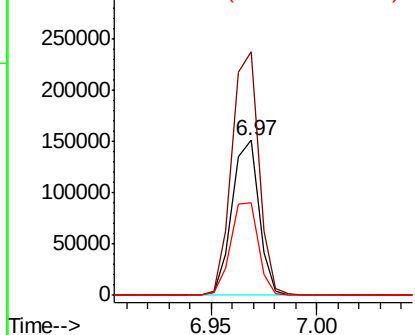


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

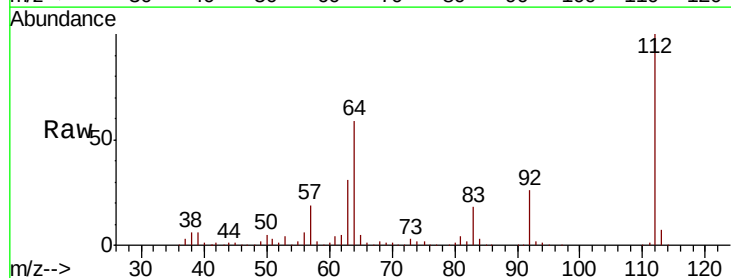
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 42.879 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF110240.D
 Acq: 27 Oct 2018 5:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	44.1	66.1
63	31.2	23.7	35.5

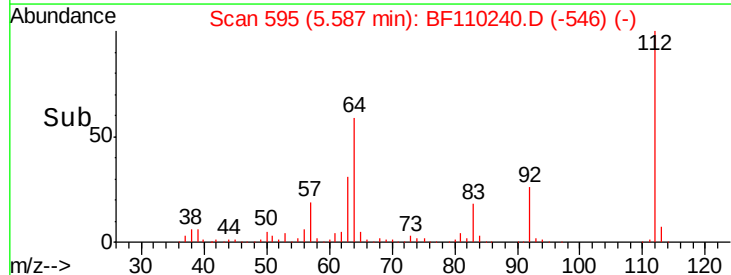
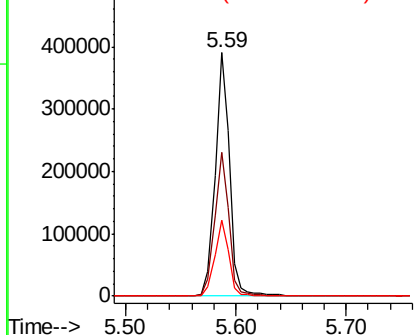


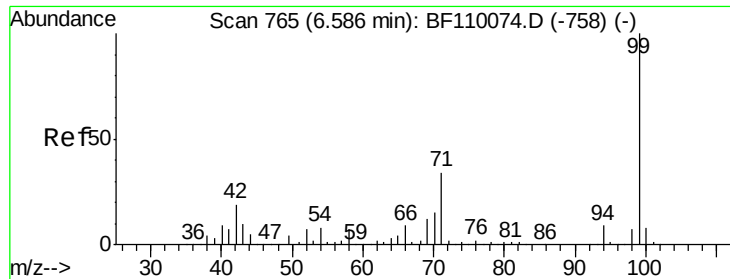
Abundance

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: 25.671 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110240.D

Acq: 27 Oct 2018 5:05

Instrument :

BNA_F

ClientSampleId :

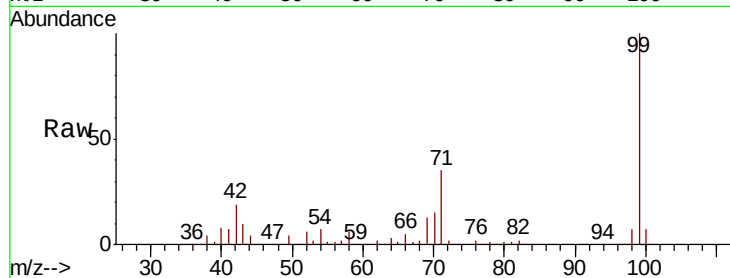
Tot Ion: 99 Resp: 267554

Ion Ratio Lower Upper

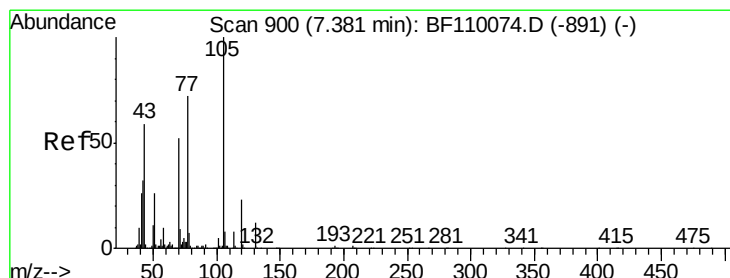
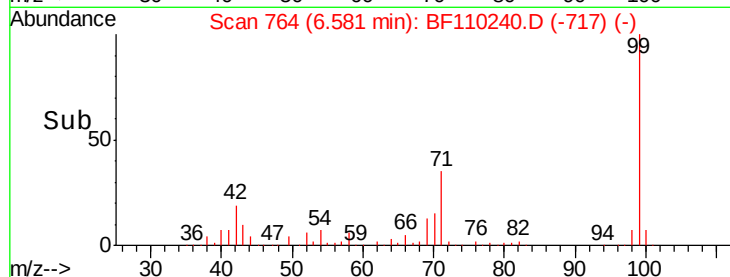
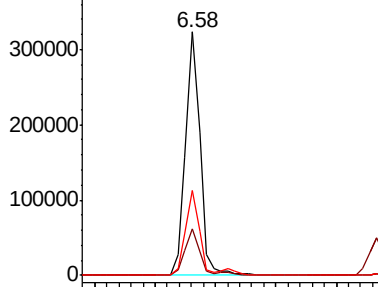
99 100

42 18.9 15.8 23.6

71 34.9 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: 16.238 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.14 min

Lab File: BF110240.D

Acq: 27 Oct 2018 5:05

Tgt Ion: 70 Resp: 108577

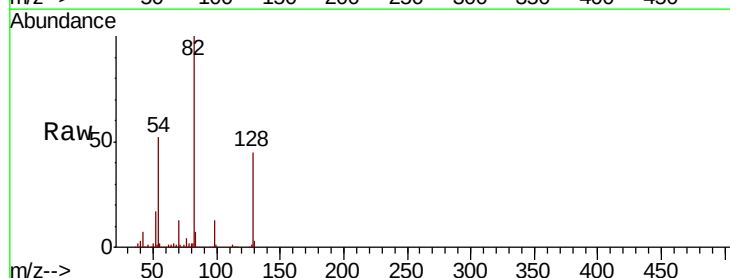
Ion Ratio Lower Upper

70 100

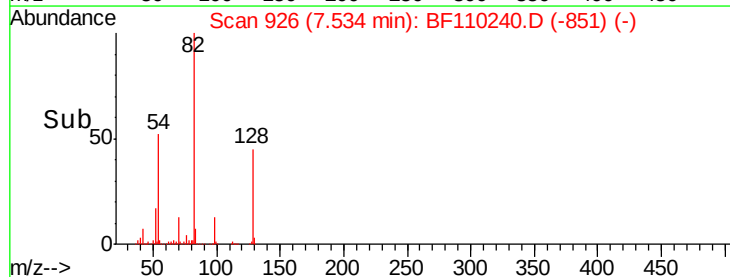
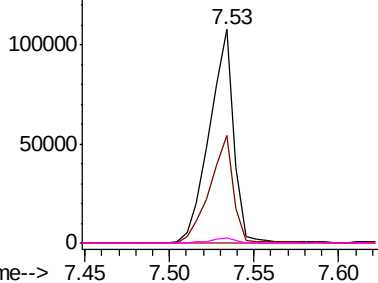
42 50.3 47.4 71.2

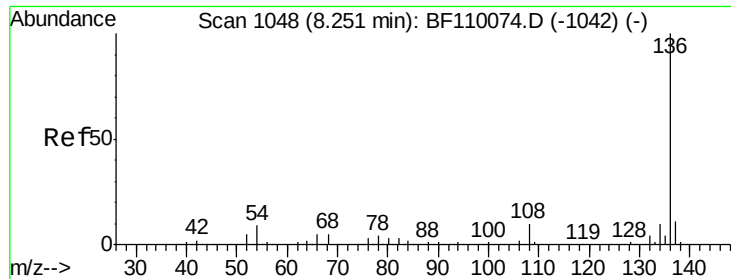
101 0.0 7.3 10.9#

130 2.2 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

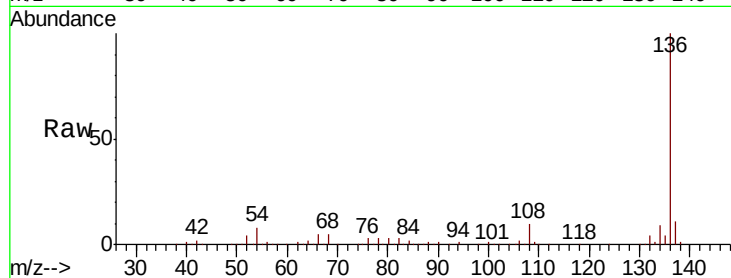




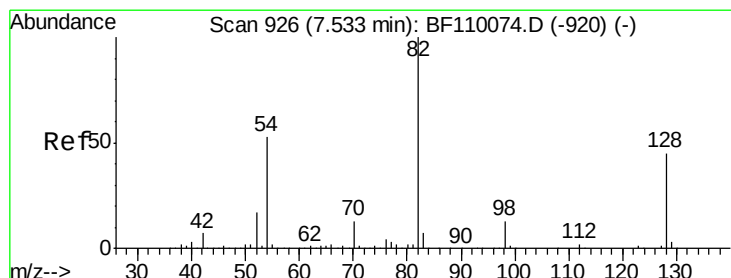
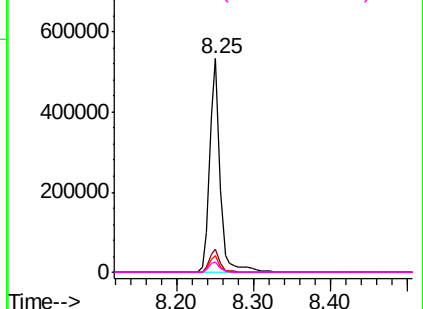
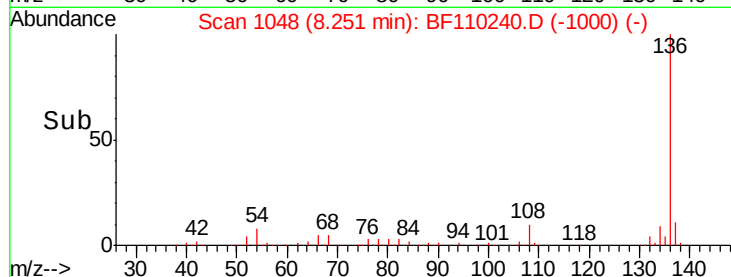
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110240.D
Acq: 27 Oct 2018 5:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 492872
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.7 5.4 8.2
68 5.0 4.2 6.2

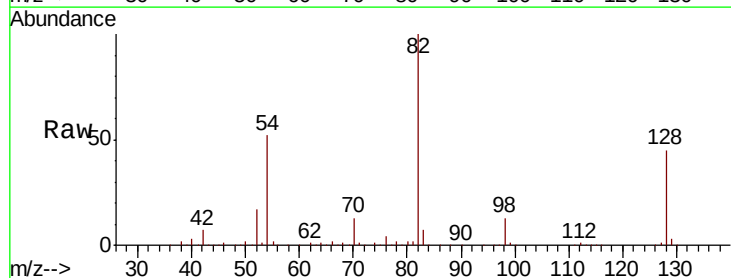


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

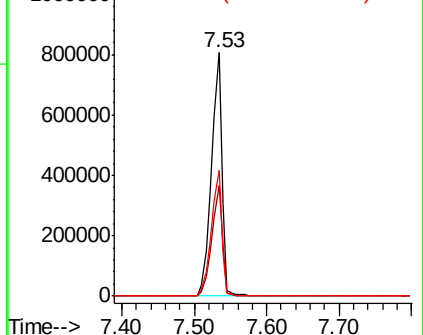
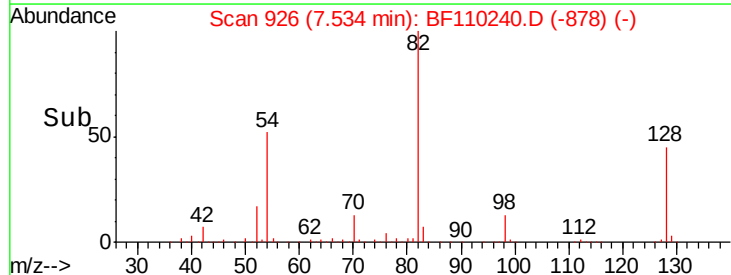


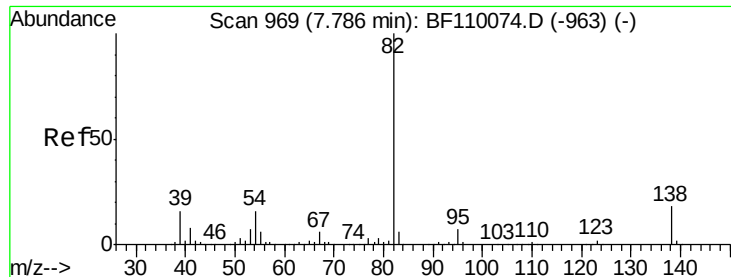
#23
Nitrobenzene-d5
Concen: 99.010 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110240.D
Acq: 27 Oct 2018 5:05

Tgt Ion: 82 Resp: 822735
Ion Ratio Lower Upper
82 100
128 45.3 34.2 51.2
54 51.5 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: 58.083 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.27 min

Lab File: BF110240.D

Acq: 27 Oct 2018 5:05

Instrument :

BNA_F

ClientSampleId :

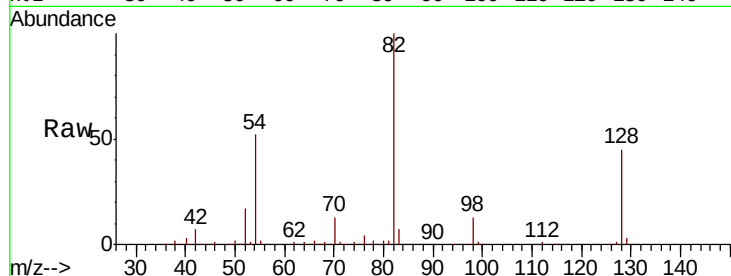
Tot Ion: 82 Resp: 822729

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

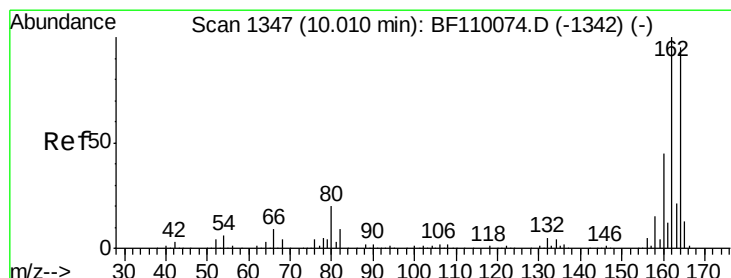
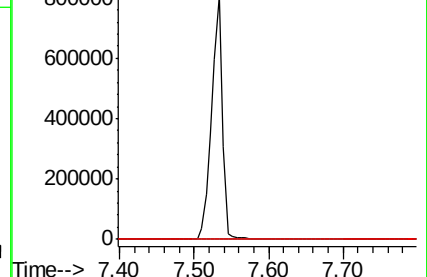
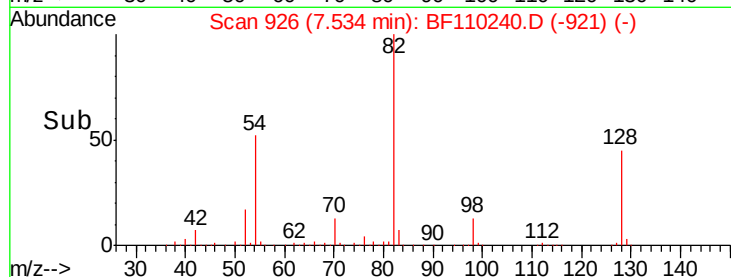
138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF110074.D (-963) (-)

Ion 95.00 (94.70 to 95.70): BF110074.D (-963) (-)

Ion 138.00 (137.70 to 138.70): BF110074.D (-963) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110240.D

Acq: 27 Oct 2018 5:05

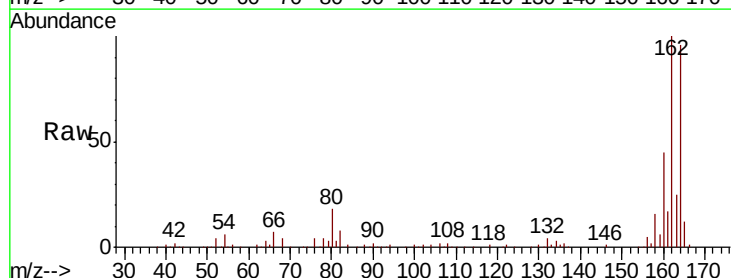
Tgt Ion:164 Resp: 192358

Ion Ratio Lower Upper

164 100

162 104.5 83.0 124.6

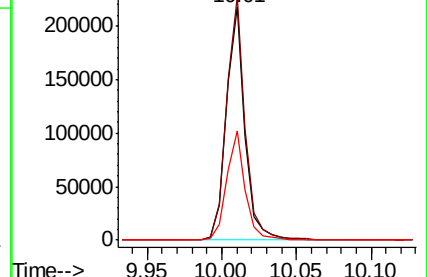
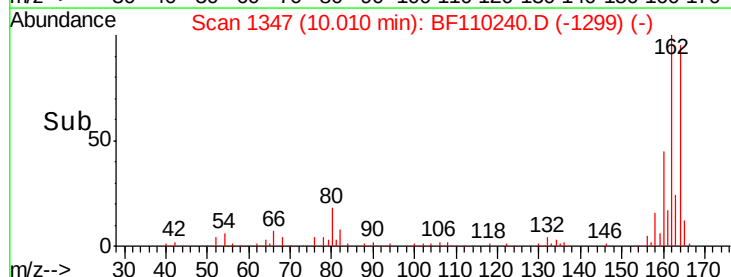
160 46.8 37.0 55.6

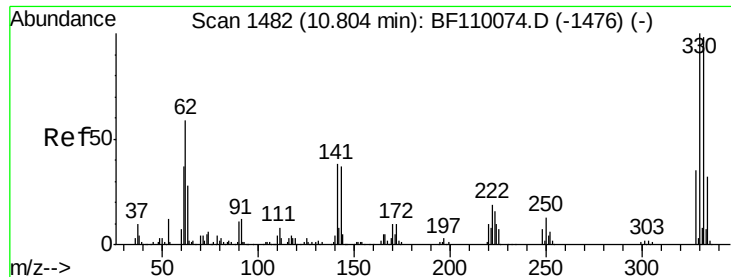


Abundance Ion 164.00 (163.70 to 164.70): BF110074.D (-1342) (-)

Ion 162.00 (161.70 to 162.70): BF110074.D (-1342) (-)

Ion 160.00 (159.70 to 160.70): BF110074.D (-1342) (-)

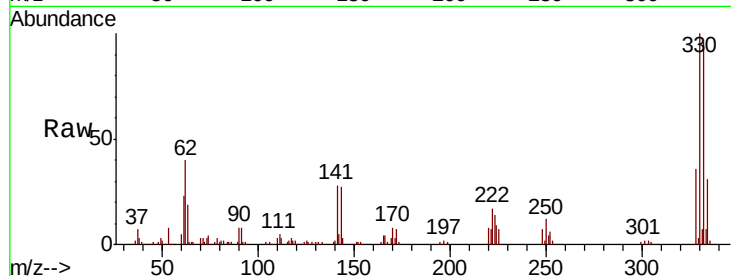




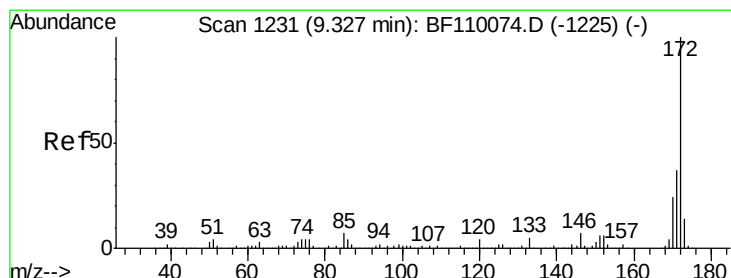
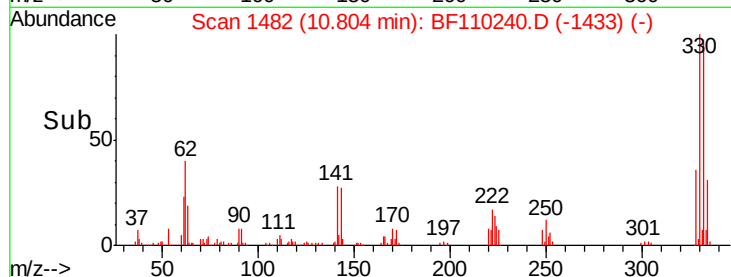
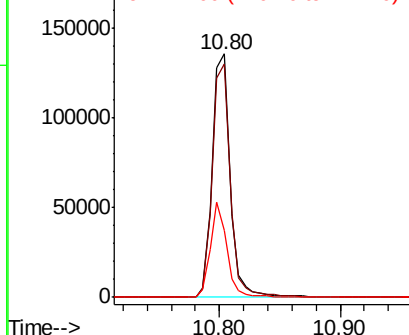
#42
 2,4,6-Tribromophenol
 Concen: 72.936 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110240.D
 Acq: 27 Oct 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	36.1	27.0	40.4

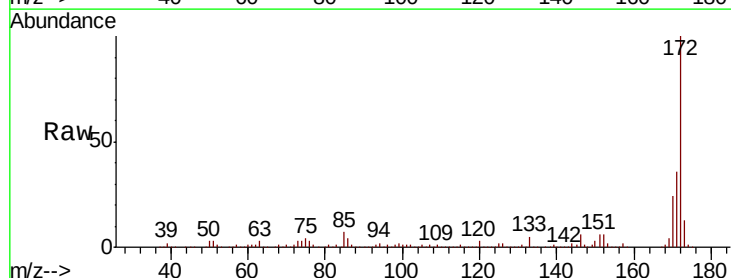


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

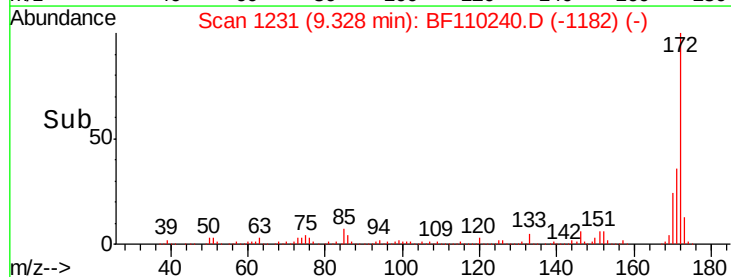
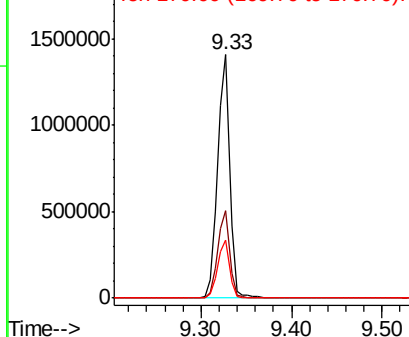


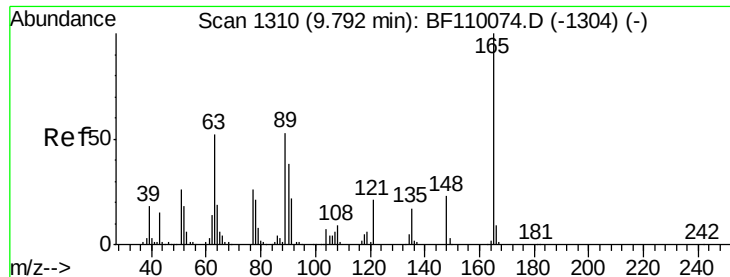
#45
 2-Fluorobiphenyl
 Concen: 106.303 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110240.D
 Acq: 27 Oct 2018 5:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.7	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: 7.953 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.21 min

Lab File: BF110240.D

Acq: 27 Oct 2018 5:05

Instrument :

BNA_F

ClientSampleId :

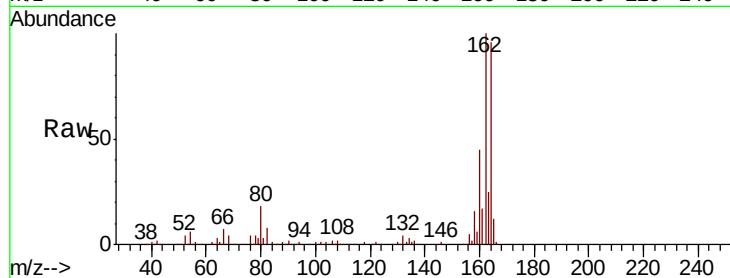
Tot Ion:165 Resp: 24324

Ion Ratio Lower Upper

165 100

63 1.4 48.9 73.3#

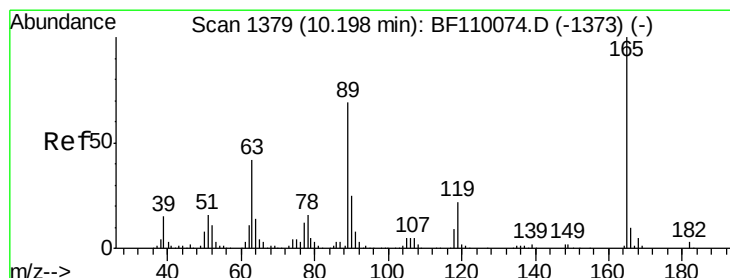
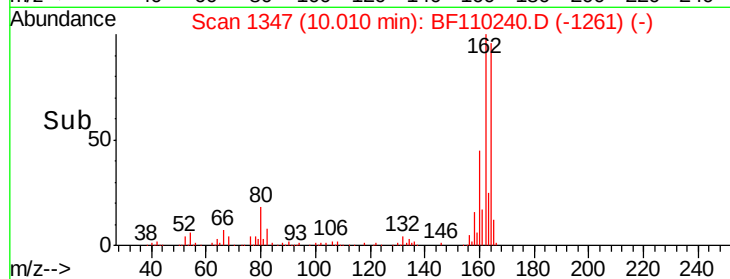
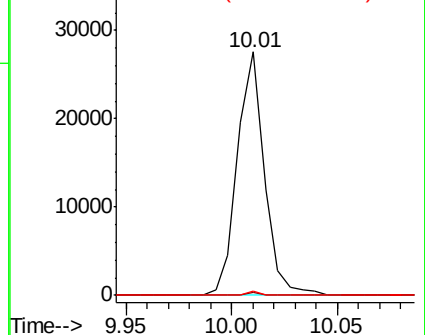
89 1.6 46.6 69.8#



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: 6.261 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.20 min

Lab File: BF110240.D

Acq: 27 Oct 2018 5:05

Tgt Ion:165 Resp: 24324

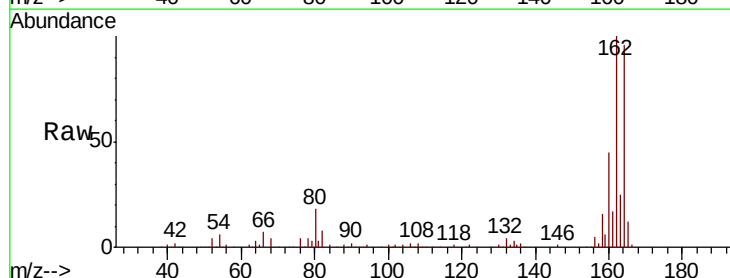
Ion Ratio Lower Upper

165 100

63 1.4 44.8 67.2#

89 1.6 62.2 93.4#

182 0.0 2.1 3.1#

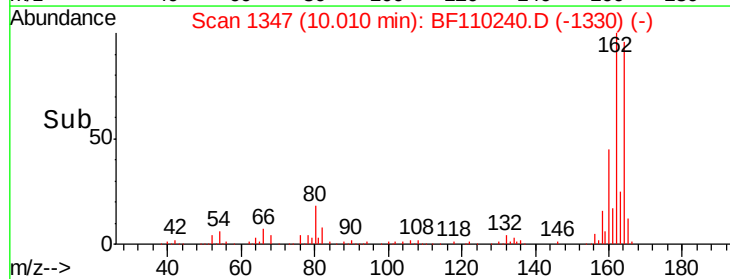
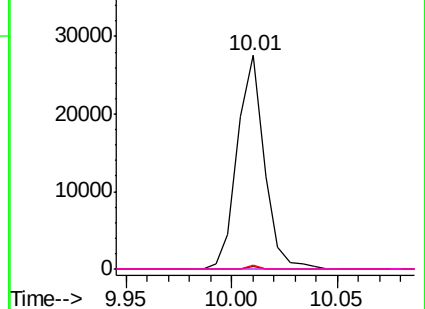


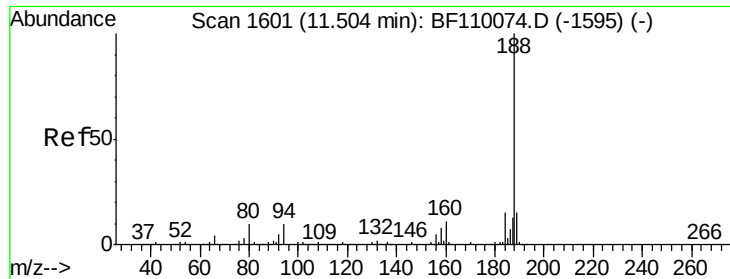
Abundance Ion 165.00 (164.70 to 165.70): E

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

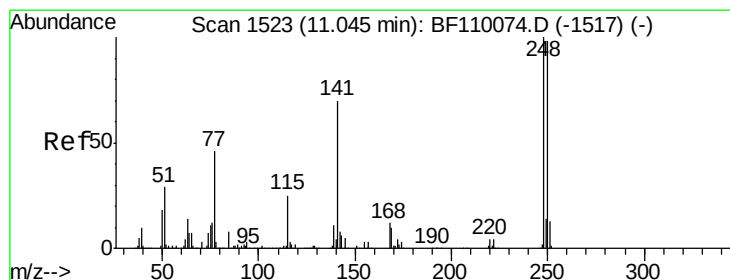
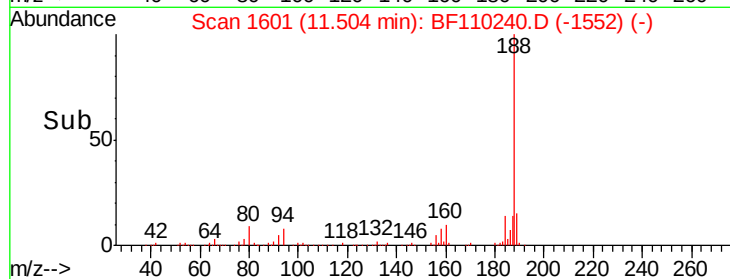
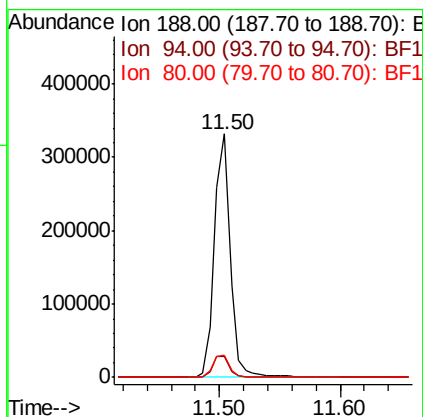
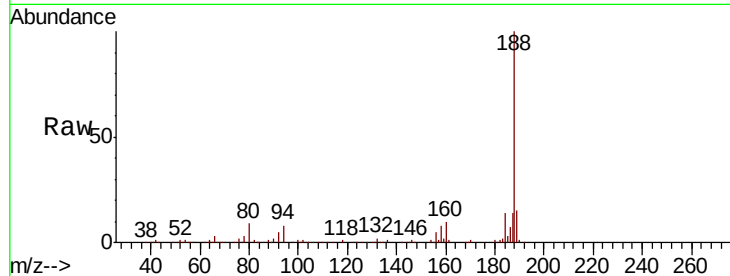




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110240.D
Acq: 27 Oct 2018 5:05

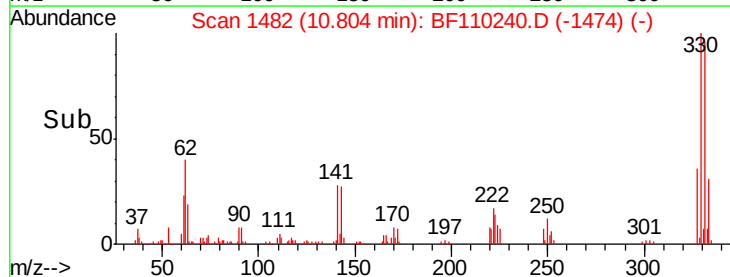
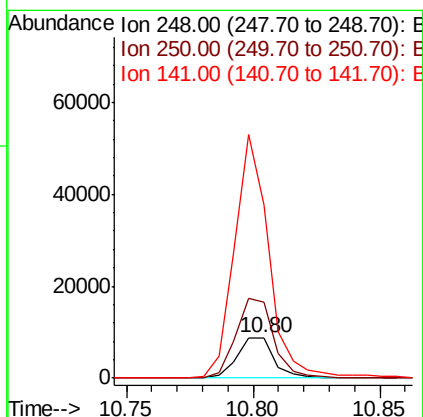
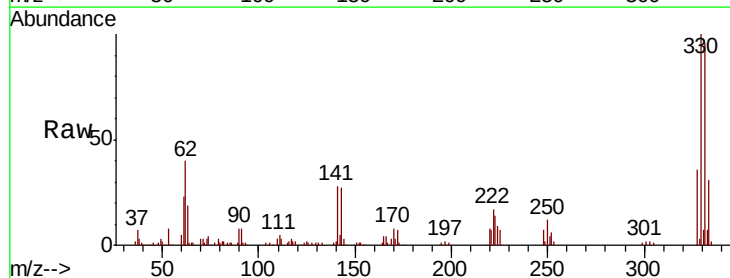
Instrument :
BNA_F
ClientSampled :

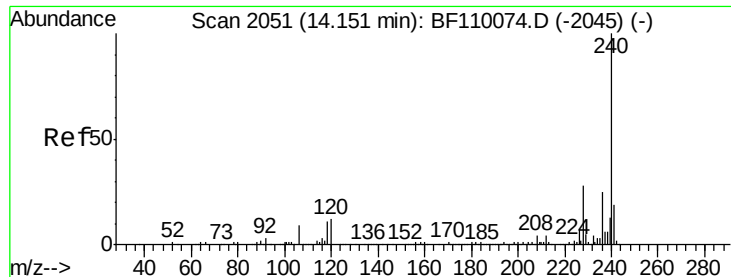
Tot Ion:188 Resp: 297433
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 9.1 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.745 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF110240.D
Acq: 27 Oct 2018 5:05

Tgt Ion:248 Resp: 8857
Ion Ratio Lower Upper
248 100
250 187.8 79.4 119.2#
141 424.1 55.9 83.9#

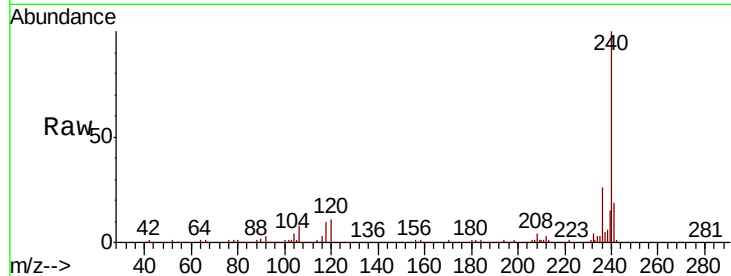




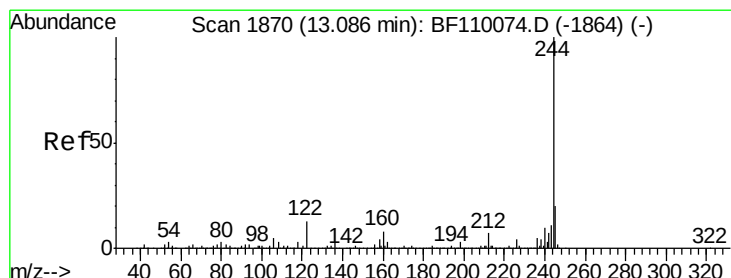
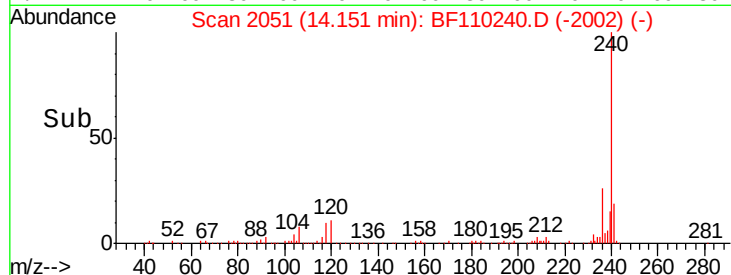
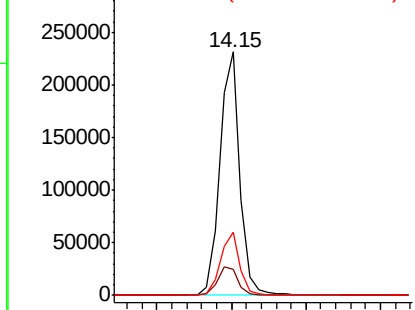
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110240.D
Acq: 27 Oct 2018 5:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 215798
Ion Ratio Lower Upper
240 100
120 10.5 8.3 12.5
236 25.7 21.2 31.8

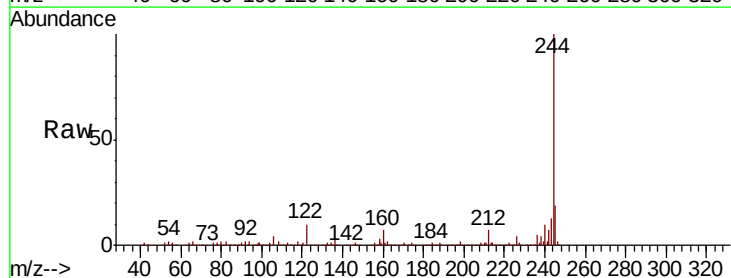


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

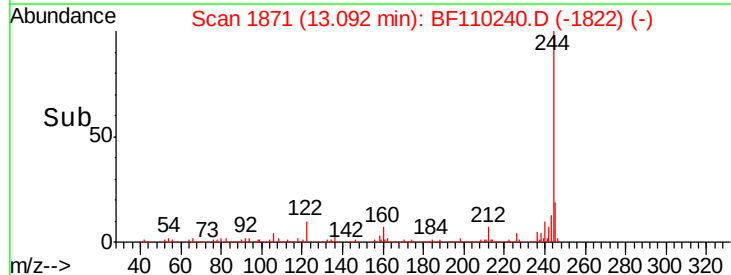
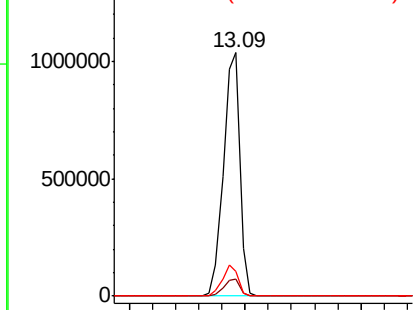


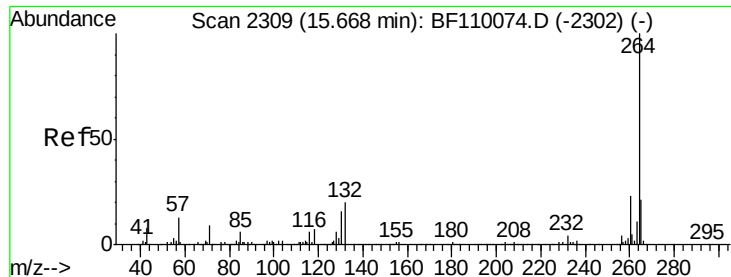
#79
Terphenyl-d14
Concen: 98.293 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF110240.D
Acq: 27 Oct 2018 5:05

Tgt Ion:244 Resp: 1019927
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 10.4 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
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF110240.D
Acq: 27 Oct 2018 5:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.9	16.7	25.1

