

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110239.D
 Acq On : 27 Oct 2018 4:38
 Operator : JU/SJ
 Sample : J5686-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 27 06:31:42 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

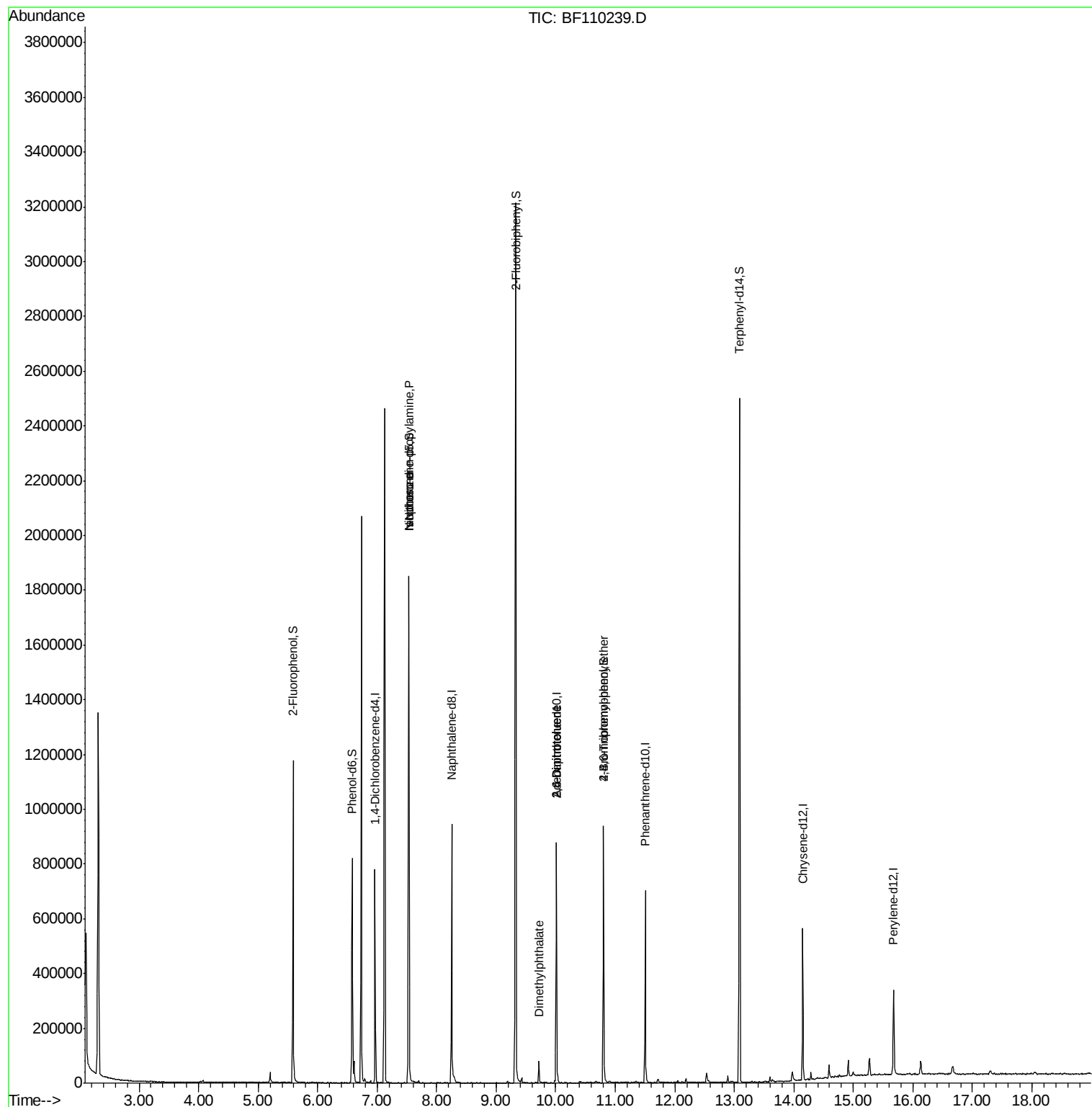
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	118362	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	436089	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	168319	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	263457	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	192821	20.00	ng	-0.01
87) Perylene-d12	15.68	264	128893	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	309010	42.51	ng	-0.01
7) Phenol-d6	6.58	99	249292	26.81	ng	-0.02
23) Nitrobenzene-d5	7.53	82	632562	86.04	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	108991	65.37	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1046690	97.65	ng	-0.01
79) Terphenyl-d14	13.09	244	842389	90.86	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	84098	14.100	ng	# 79
25) Isophorone	7.53	82	632552	50.472	ng	# 67
50) Dimethylphthalate	9.72	163	37738	3.037	ng	# 99
51) 2,6-Dinitrotoluene	10.01	165	21206	7.923	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	21206	6.238	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	7055	2.469	ng	# 1

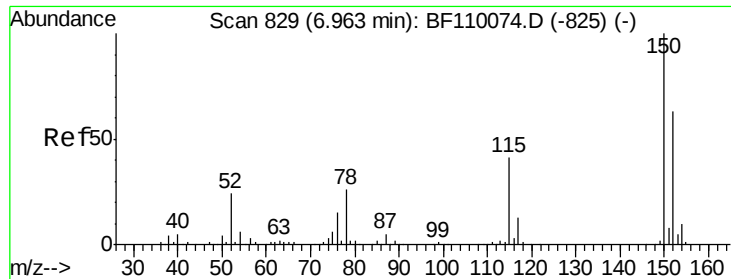
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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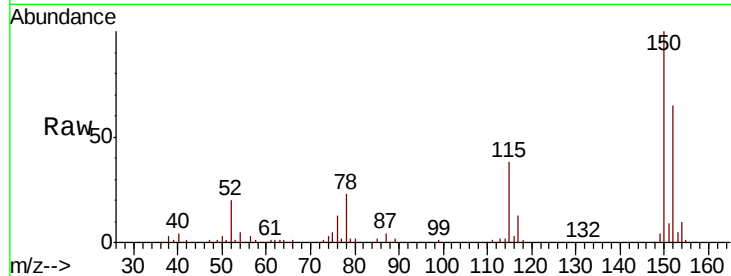




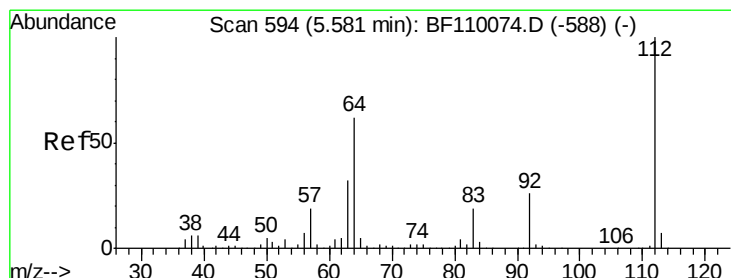
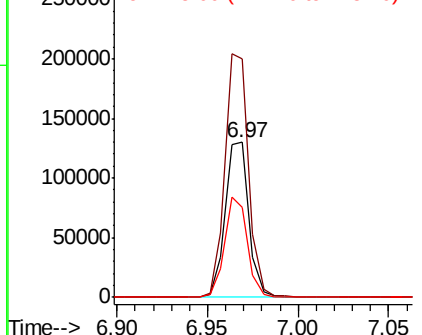
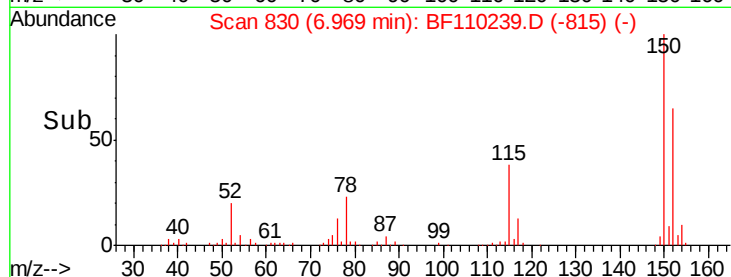
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110239.D
 Acq: 27 Oct 2018 4:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 118362
 Ion Ratio Lower Upper
 152 100
 150 153.9 122.7 184.1
 115 58.4 49.1 73.7

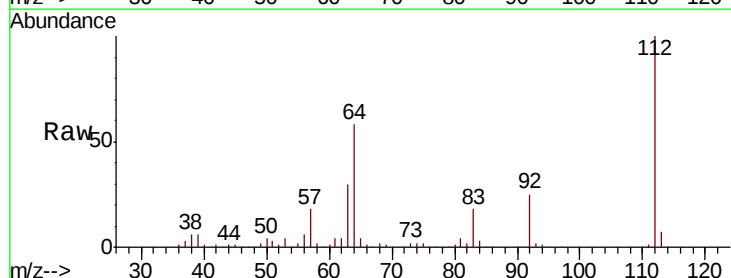


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

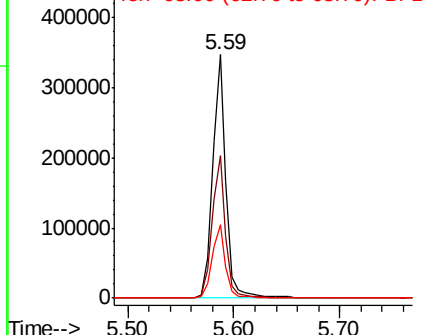
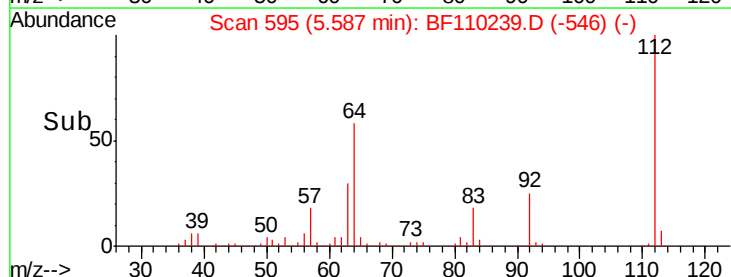


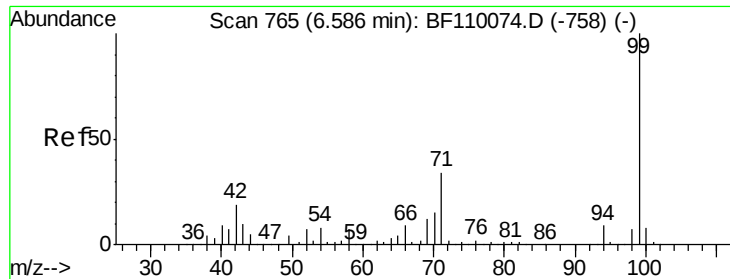
#5
 2-Fluorophenol
 Concen: 42.514 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF110239.D
 Acq: 27 Oct 2018 4:38

Tgt Ion:112 Resp: 309010
 Ion Ratio Lower Upper
 112 100
 64 58.3 44.1 66.1
 63 30.4 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: 26.815 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110239.D

Acq: 27 Oct 2018 4:38

Instrument :

BNA_F

ClientSampleId :

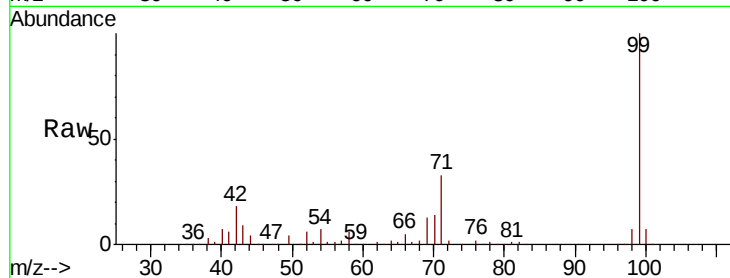
Tot Ion: 99 Resp: 249292

Ion Ratio Lower Upper

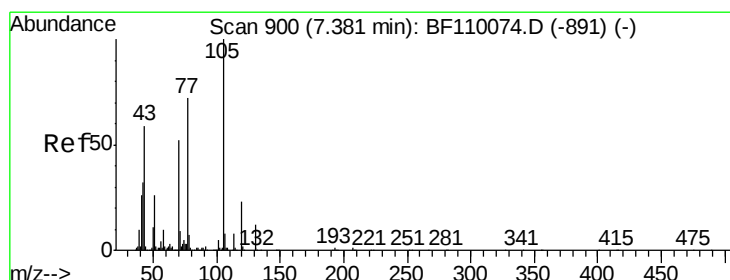
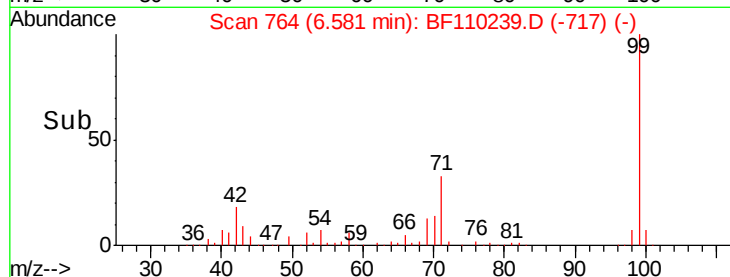
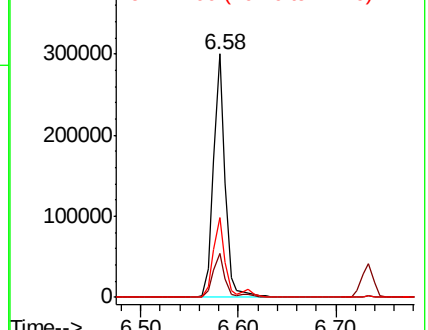
99 100

42 17.8 15.8 23.6

71 32.5 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: 14.100 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.14 min

Lab File: BF110239.D

Acq: 27 Oct 2018 4:38

Tgt Ion: 70 Resp: 84098

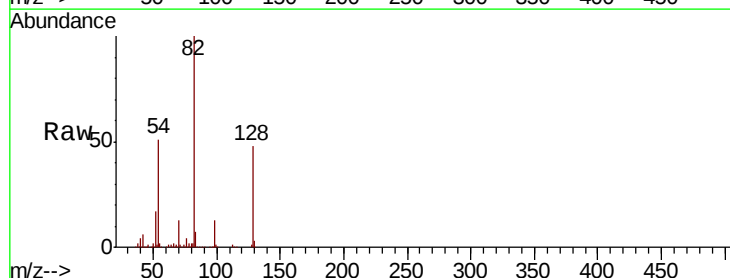
Ion Ratio Lower Upper

70 100

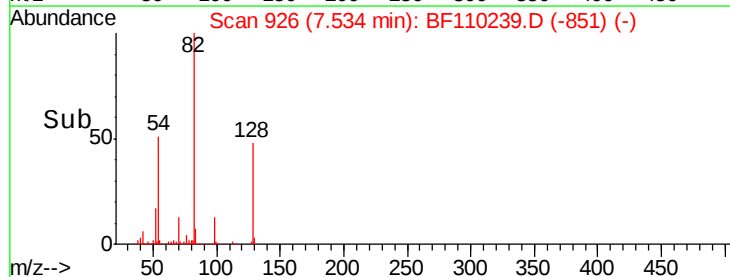
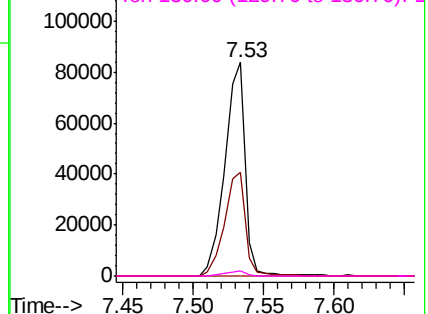
42 48.4 47.4 71.2

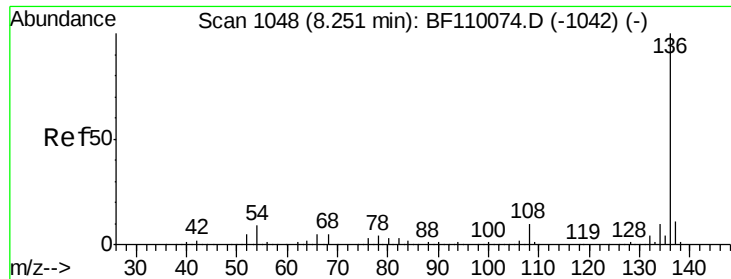
101 0.0 7.3 10.9#

130 2.5 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

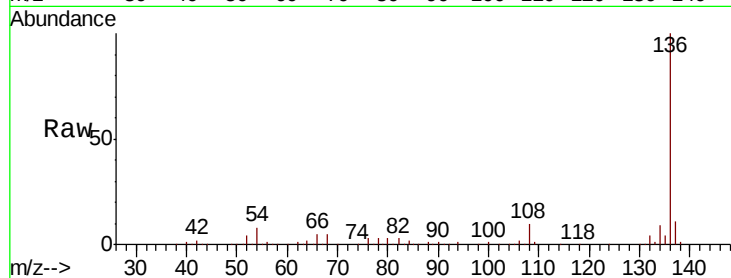




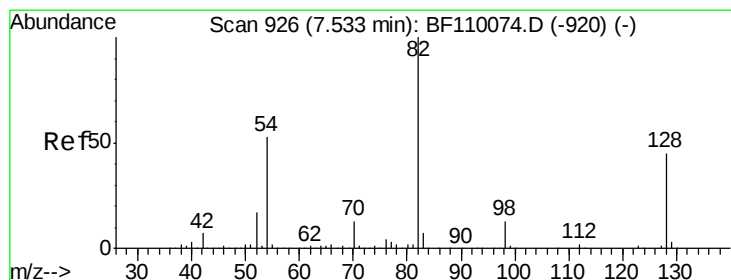
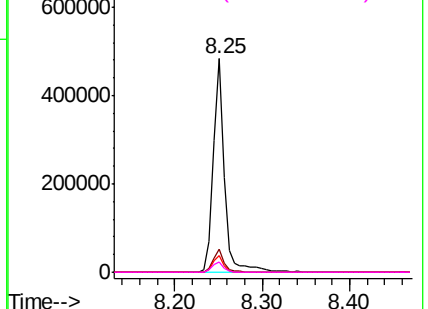
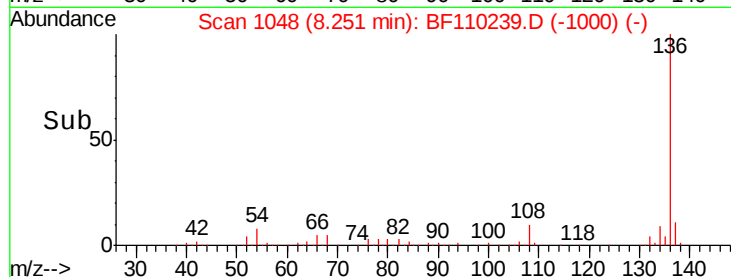
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110239.D
Acq: 27 Oct 2018 4:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	436089
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.8 13.2
54	7.9	5.4 8.2
68	5.1	4.2 6.2

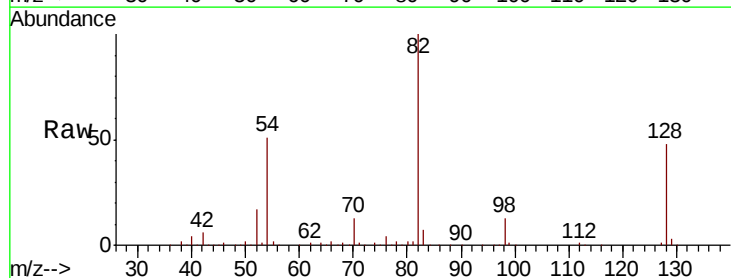


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

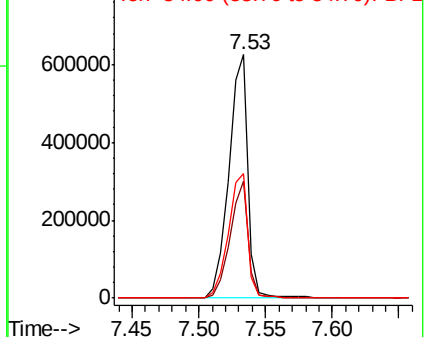
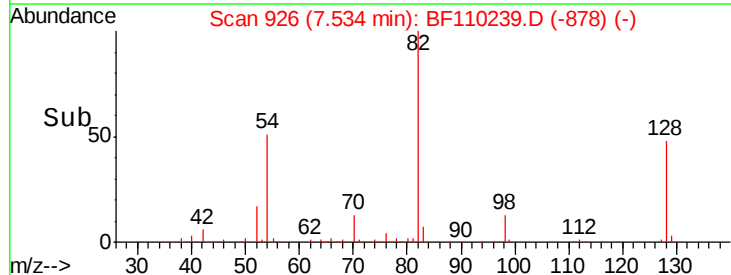


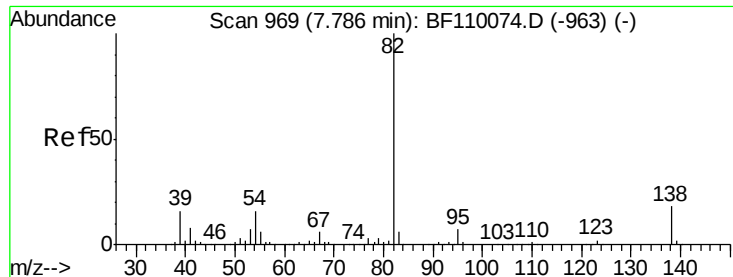
#23
Nitrobenzene-d5
Concen: 86.036 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110239.D
Acq: 27 Oct 2018 4:38

Tgt Ion: 82	Resp:	632562
Ion	Ratio	Lower Upper
82	100	
128	48.1	34.2 51.2
54	51.4	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: 50.472 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.27 min

Lab File: BF110239.D

Acq: 27 Oct 2018 4:38

Instrument :

BNA_F

ClientSampleId :

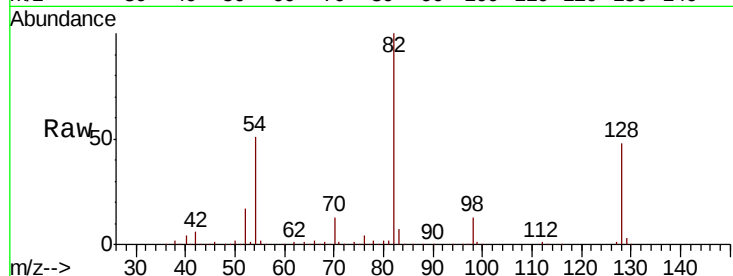
Tot Ion: 82 Resp: 632552

Ion Ratio Lower Upper

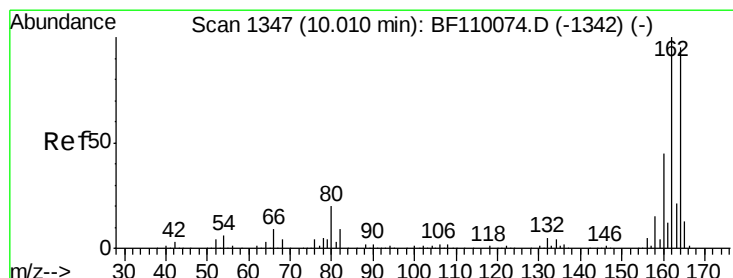
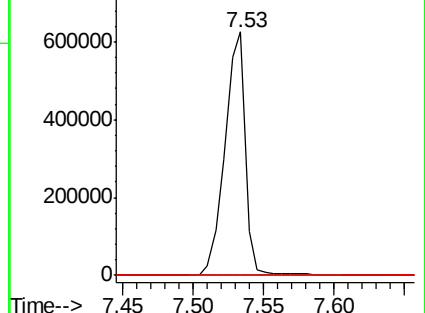
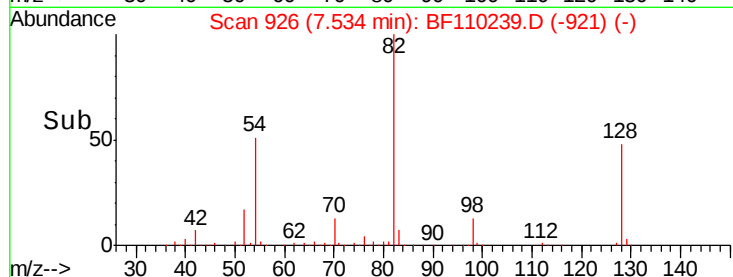
82 100

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: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110239.D

Acq: 27 Oct 2018 4:38

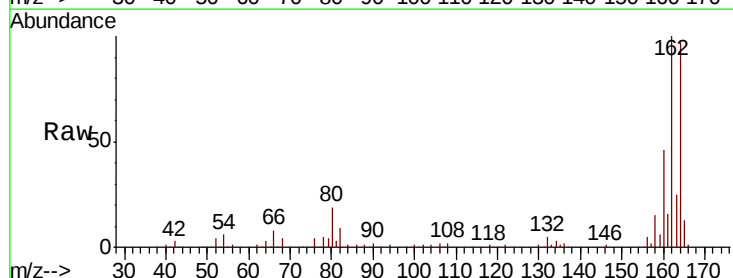
Tgt Ion:164 Resp: 168319

Ion Ratio Lower Upper

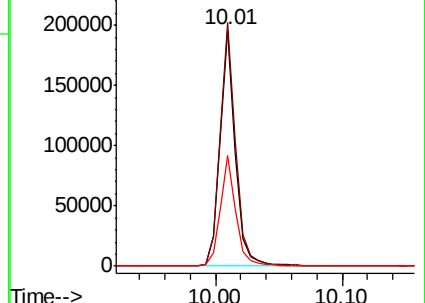
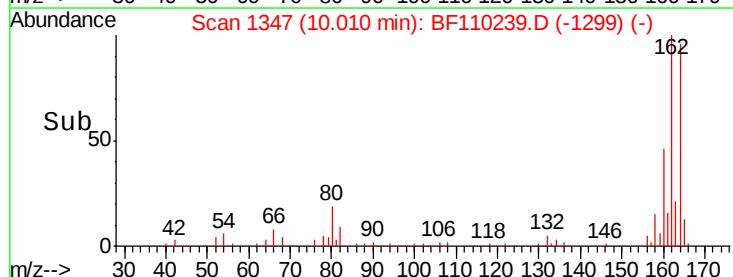
164 100

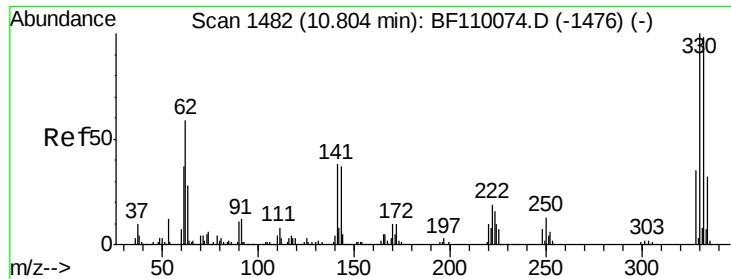
162 103.2 83.0 124.6

160 47.0 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

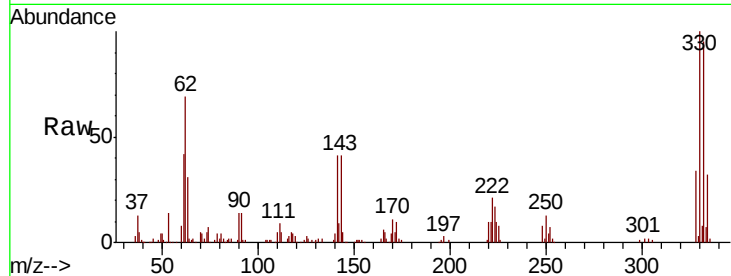




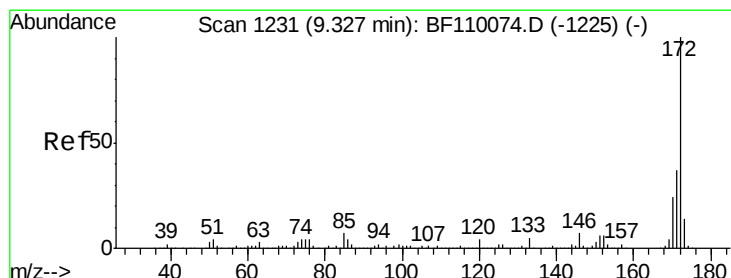
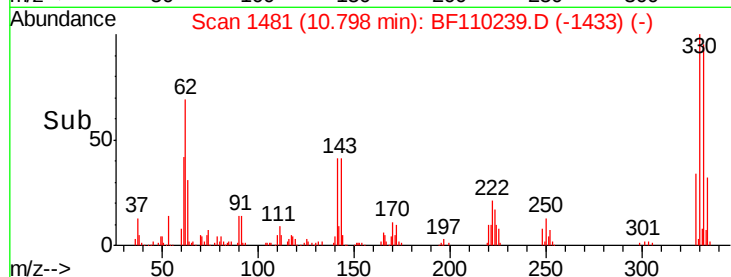
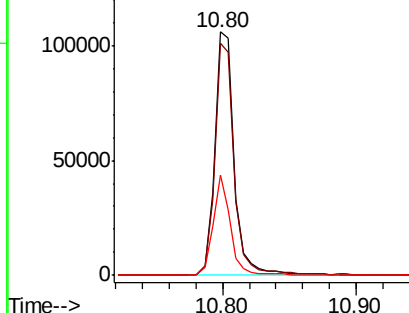
#42
 2,4,6-Tribromophenol
 Concen: 65.369 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BF110239.D
 Acq: 27 Oct 2018 4:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.1	115.7
141	36.5	27.0	40.4

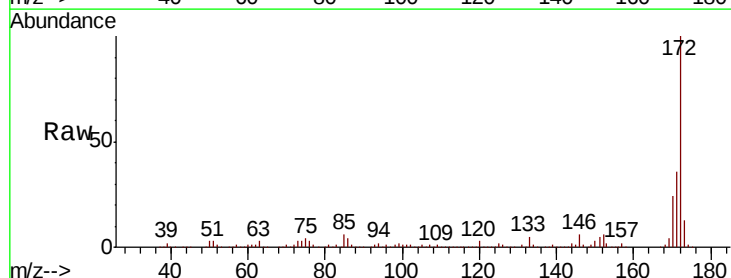


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

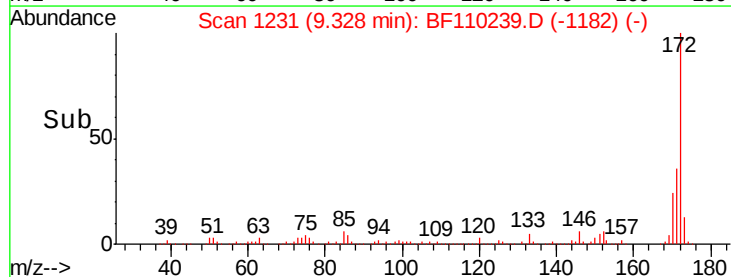
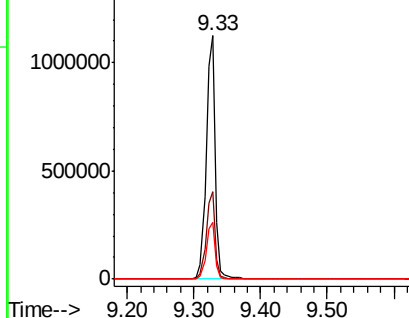


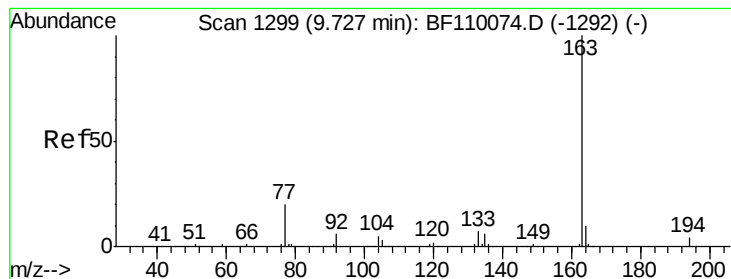
#45
 2-Fluorobiphenyl
 Concen: 97.646 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110239.D
 Acq: 27 Oct 2018 4:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.5	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: 3.037 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF110239.D

Acq: 27 Oct 2018 4:38

Instrument :

BNA_F

ClientSampleId :

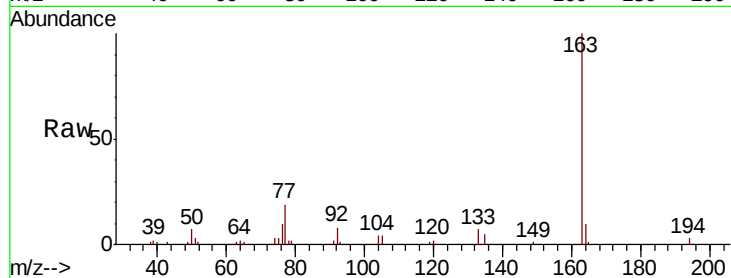
Tot Ion:163 Resp: 37738

Ion Ratio Lower Upper

163 100

194 3.3 3.2 4.8

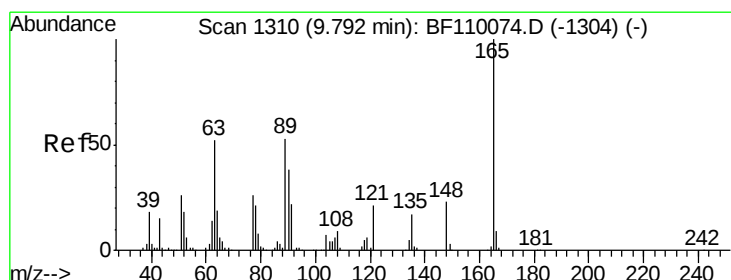
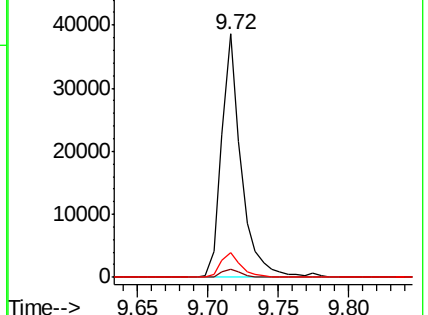
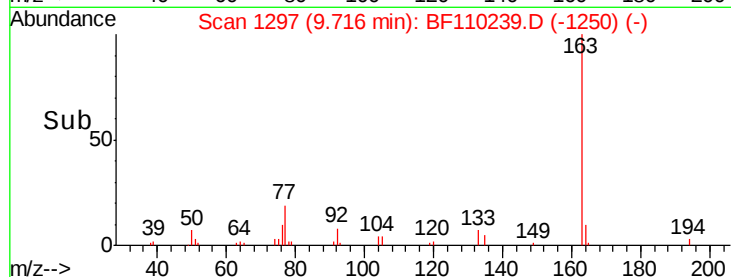
164 10.4 8.1 12.1



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: 7.923 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.21 min

Lab File: BF110239.D

Acq: 27 Oct 2018 4:38

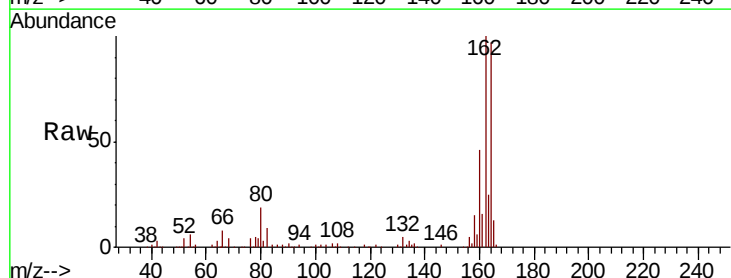
Tgt Ion:165 Resp: 21206

Ion Ratio Lower Upper

165 100

63 1.6 48.9 73.3#

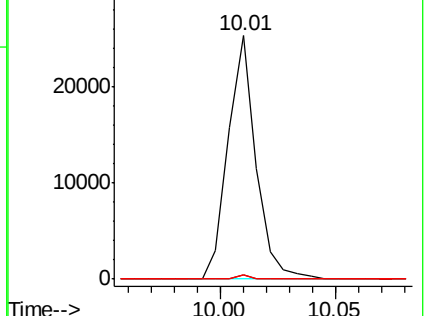
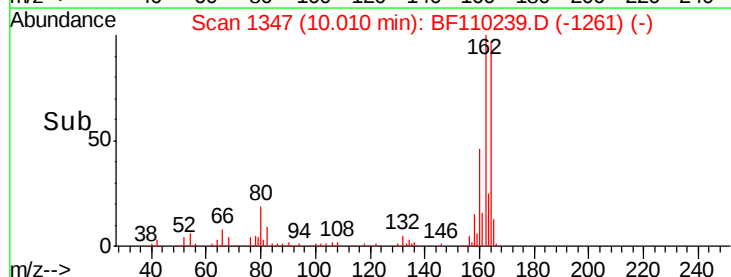
89 1.7 46.6 69.8#

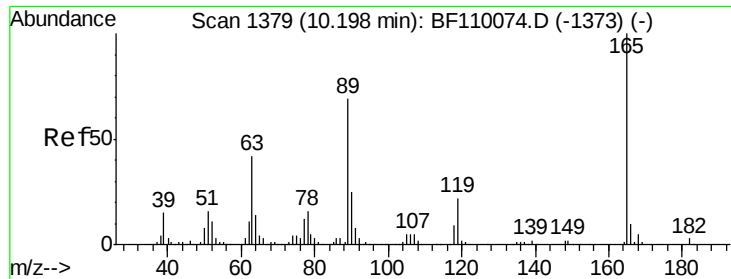


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

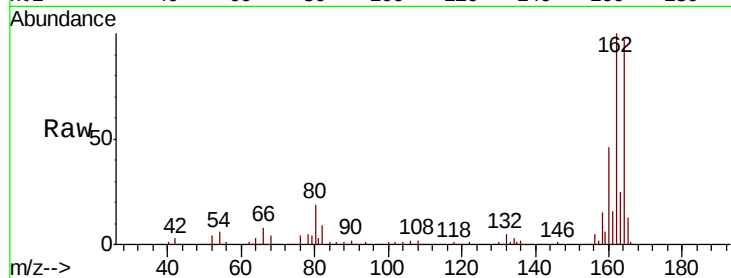




#57
2,4-Dinitrotoluene
Concen: 6.238 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110239.D
Acq: 27 Oct 2018 4:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#



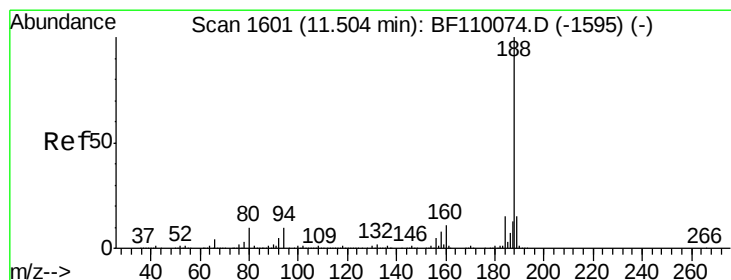
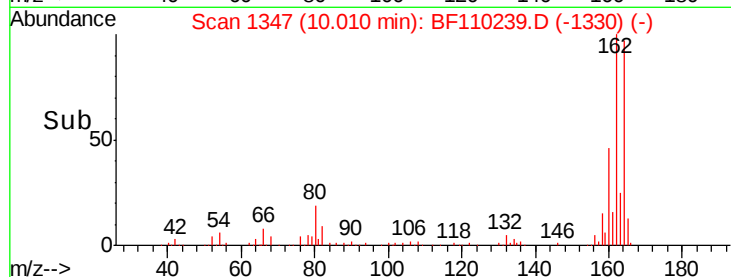
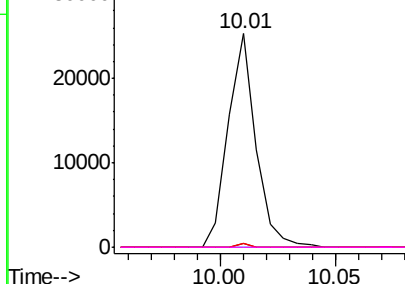
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

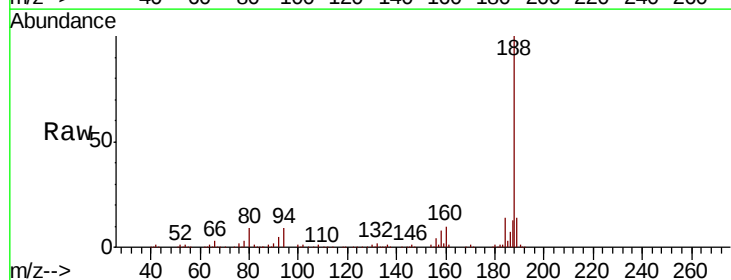
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110239.D
Acq: 27 Oct 2018 4:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.0	7.9	11.9

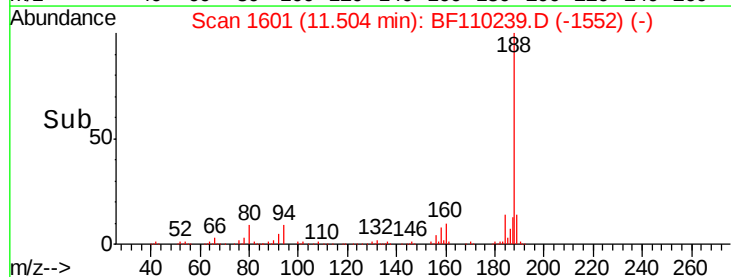
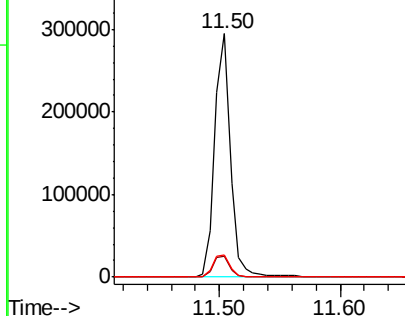


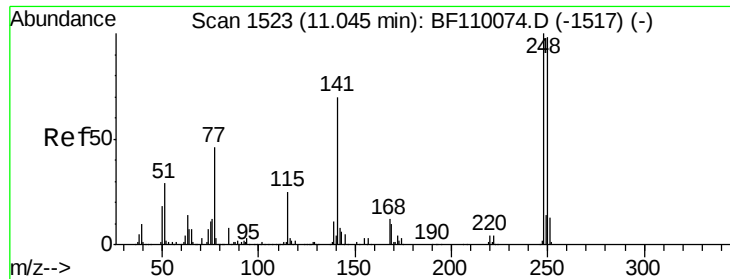
Abundance

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

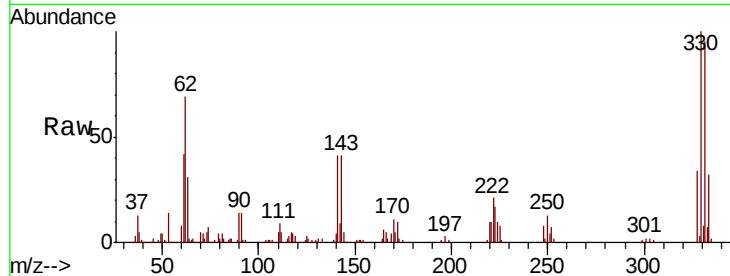




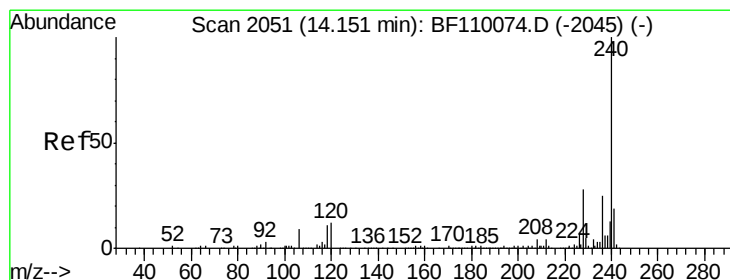
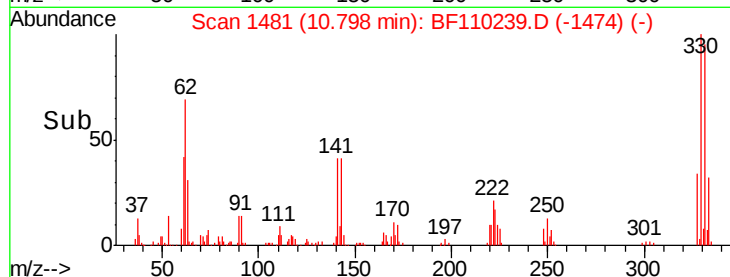
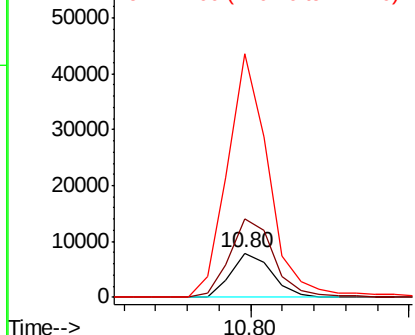
#67
4-Bromophenyl-phenylether
Concen: 2.469 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110239.D
Acq: 27 Oct 2018 4:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7055
Ion Ratio Lower Upper
248 100
250 176.5 79.4 119.2#
141 547.1 55.9 83.9#

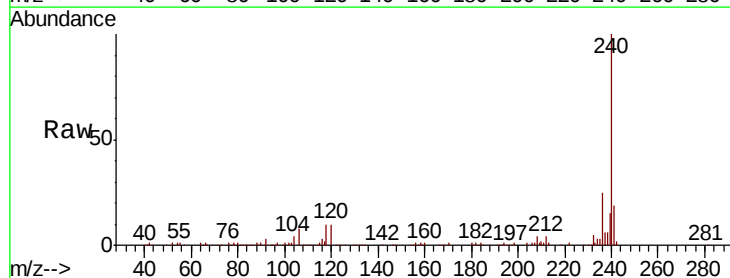


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

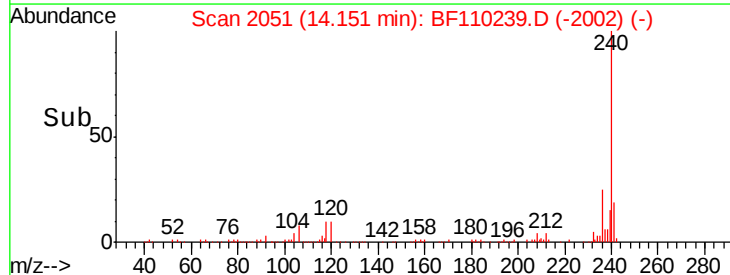
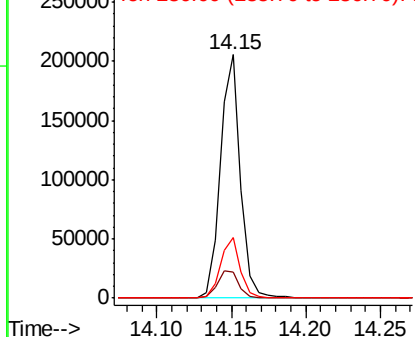


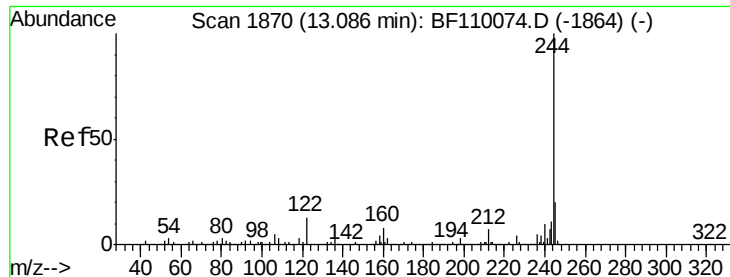
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110239.D
Acq: 27 Oct 2018 4:38

Tgt Ion:240 Resp: 192821
Ion Ratio Lower Upper
240 100
120 10.5 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: 90.858 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110239.D

Acq: 27 Oct 2018 4:38

Instrument :

BNA_F

ClientSampleId :

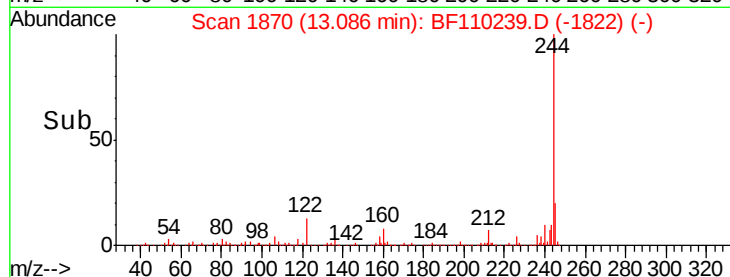
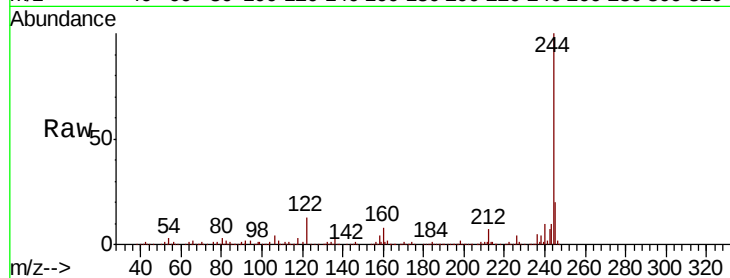
Tot Ion:244 Resp: 842389

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

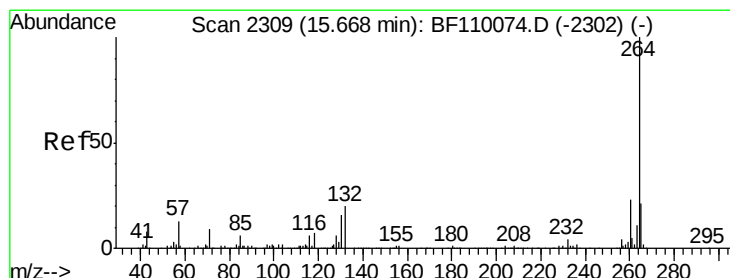
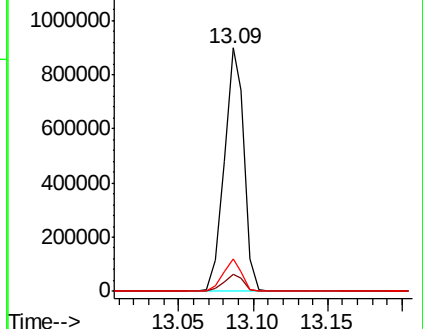
122 13.1 8.7 13.1



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: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF110239.D

Acq: 27 Oct 2018 4:38

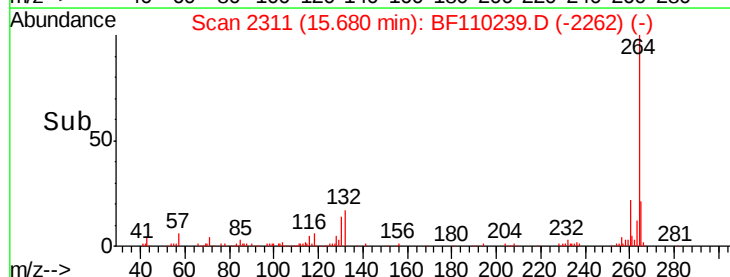
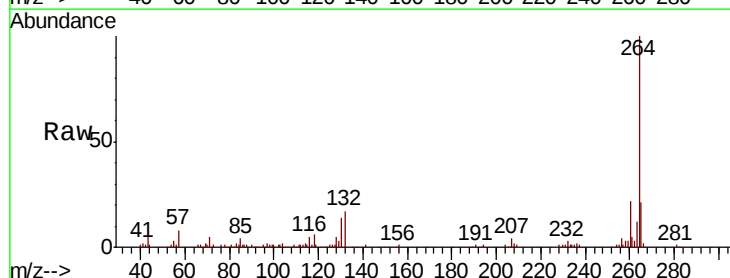
Tgt Ion:264 Resp: 128893

Ion Ratio Lower Upper

264 100

260 21.9 18.7 28.1

265 20.5 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

