

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110341.D
 Acq On : 31 Oct 2018 19:04
 Operator : JU/SJ
 Sample : J5730-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 03:43:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

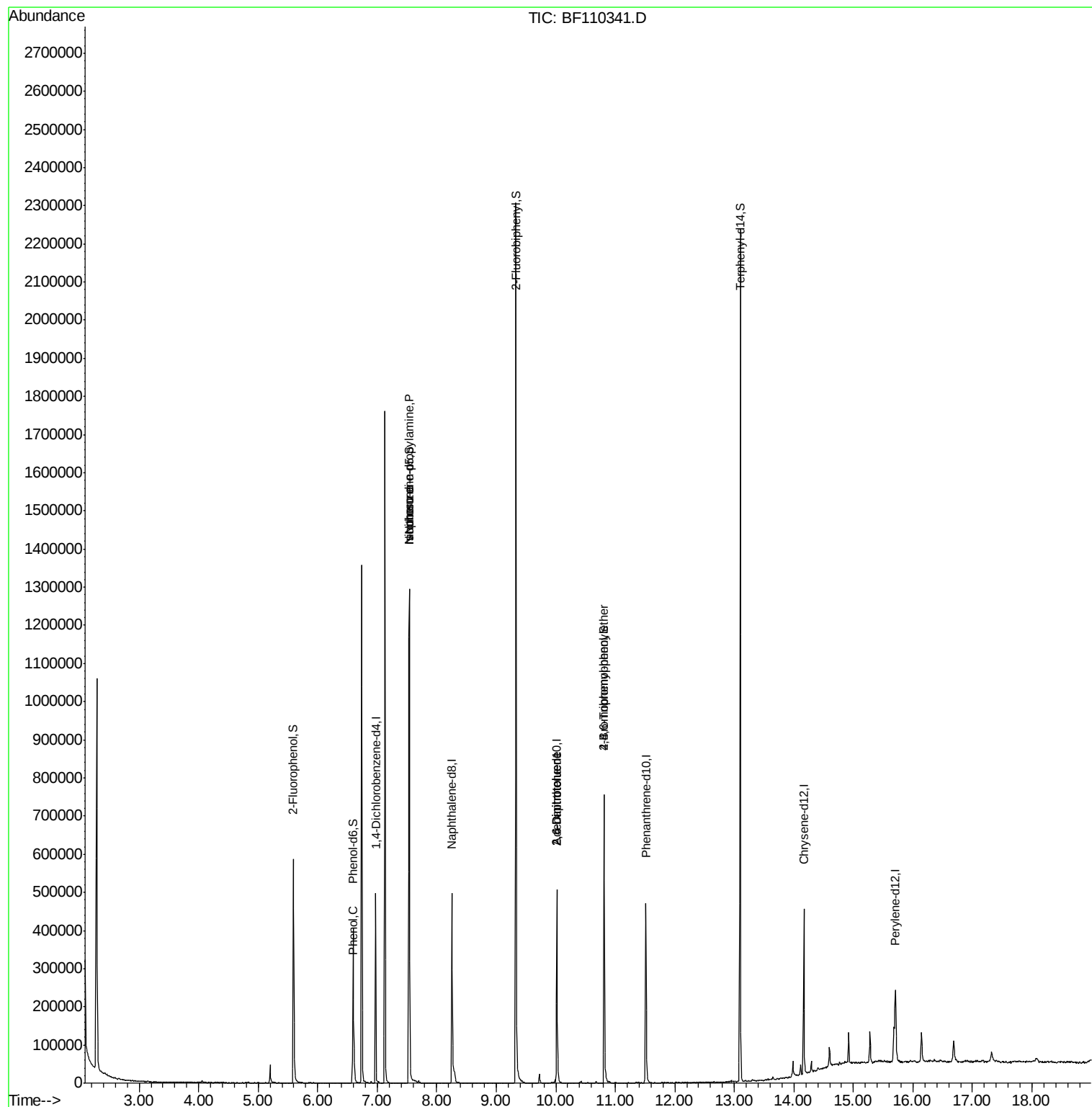
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	70578	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	266766	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	116798	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	199126	20.00	ng	0.00
76) Chrysene-d12	14.17	240	161594	20.00	ng	0.00
87) Perylene-d12	15.71	264	101903	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	174919	40.36	ng	0.00
7) Phenol-d6	6.59	99	131672	23.75	ng	-0.01
23) Nitrobenzene-d5	7.54	82	442650	98.42	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	94488	81.67	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	804423	108.15	ng	0.00
79) Terphenyl-d14	13.10	244	715889	92.13	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	362	Below Cal	Qvalue	# 1
10) Phenol	6.60	94	34464	5.816	ng	# 66
19) n-Nitroso-di-n-propylamine	7.54	70	60247	16.940	ng	# 77
25) Isophorone	7.54	82	442646	57.737	ng	# 67
51) 2,6-Dinitrotoluene	10.02	165	14489	7.802	ng	# 21
57) 2,4-Dinitrotoluene	10.02	165	14489	6.142	ng	# 17
67) 4-Bromophenyl-phenylether	10.81	248	6449	2.986	ng	# 1

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

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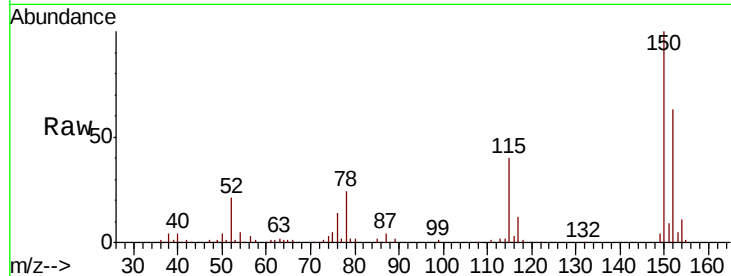


#1

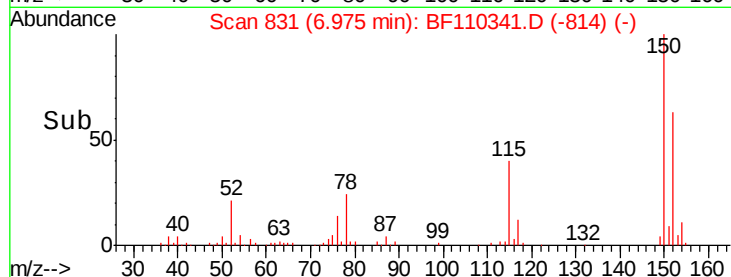
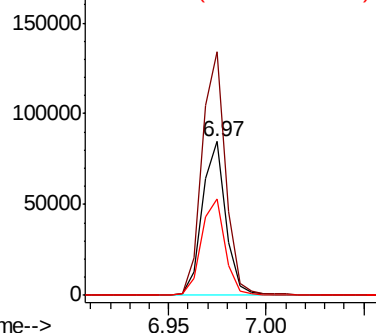
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF110341.D
Acq: 31 Oct 2018 19:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 70578
Ion Ratio Lower Upper
152 100
150 158.3 122.7 184.1
115 62.9 49.1 73.7



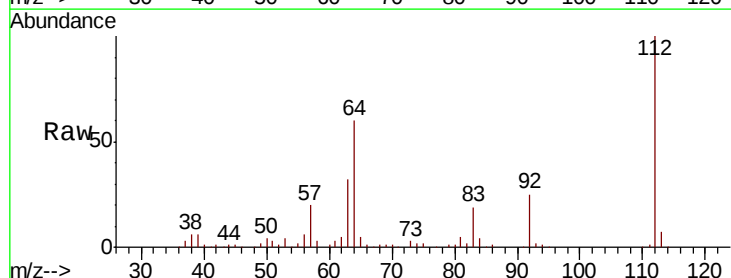
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



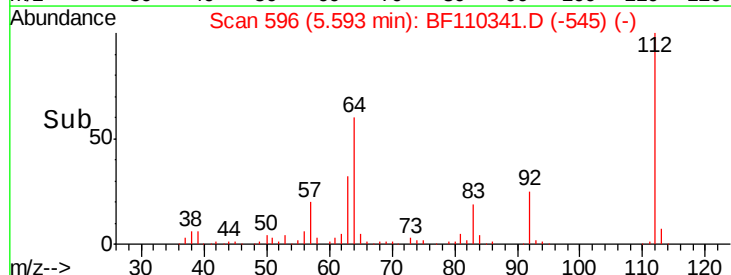
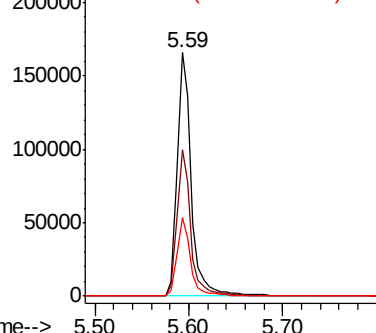
#5

2-Fluorophenol
Concen: 40.359 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF110341.D
Acq: 31 Oct 2018 19:04

Tgt Ion:112 Resp: 174919
Ion Ratio Lower Upper
112 100
64 60.3 44.1 66.1
63 32.3 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: 23.752 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110341.D

Acq: 31 Oct 2018 19:04

Instrument :

BNA_F

ClientSampleId :

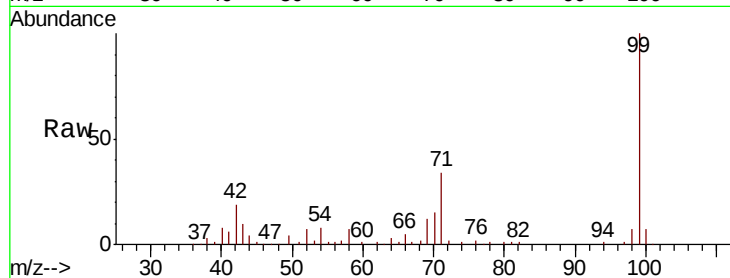
Tot Ion: 99 Resp: 131672

Ion Ratio Lower Upper

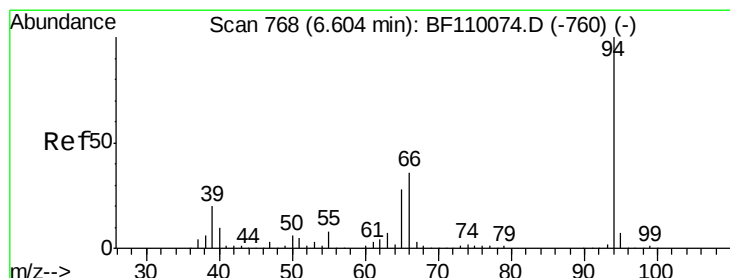
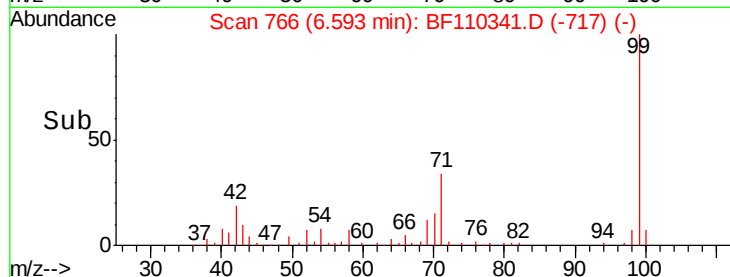
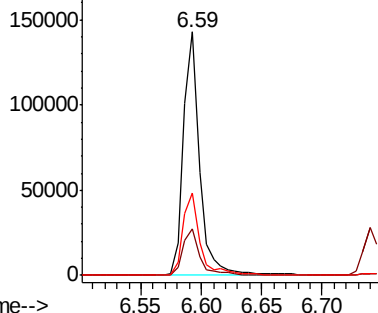
99 100

42 18.9 15.8 23.6

71 34.0 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



#10

Phenol

Concen: 5.816 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110341.D

Acq: 31 Oct 2018 19:04

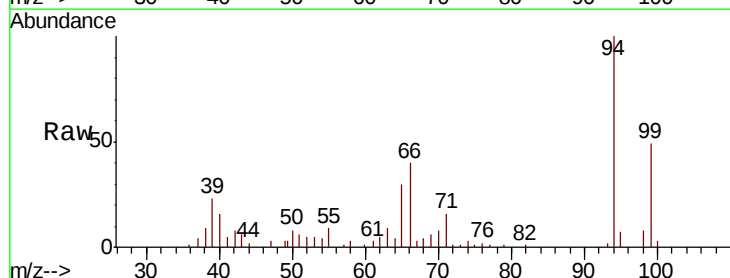
Tgt Ion: 94 Resp: 34464

Ion Ratio Lower Upper

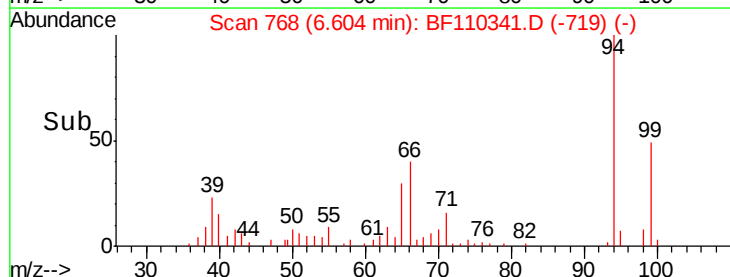
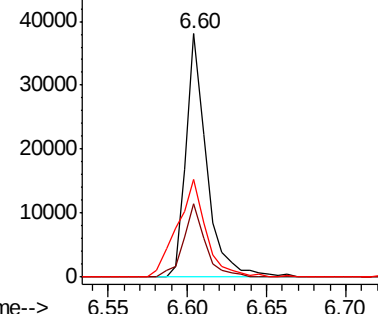
94 100

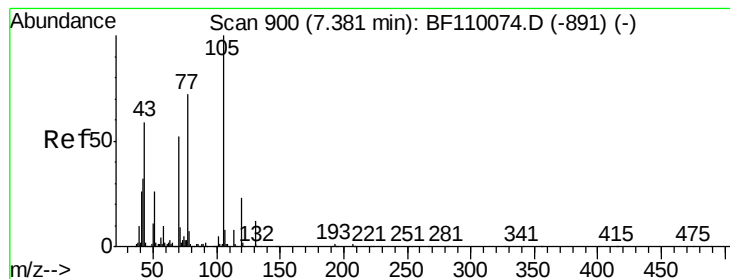
65 29.9 25.3 65.3

66 40.0 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 16.940 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.15 min

Lab File: BF110341.D

Acq: 31 Oct 2018 19:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 60247

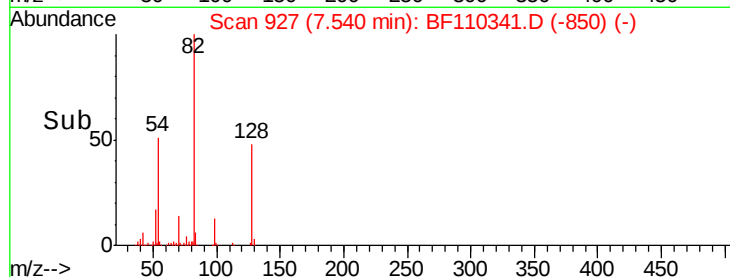
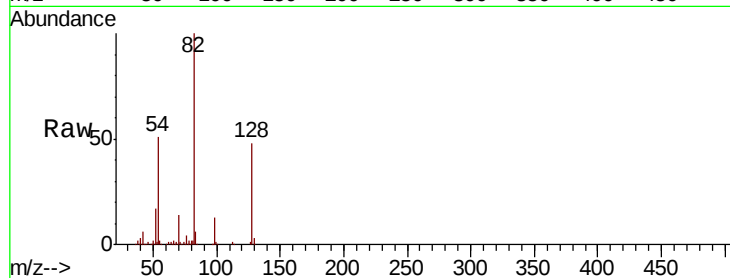
Ion Ratio Lower Upper

70 100

42 47.0 47.4 71.2#

101 0.0 7.3 10.9#

130 1.8 16.2 24.2#

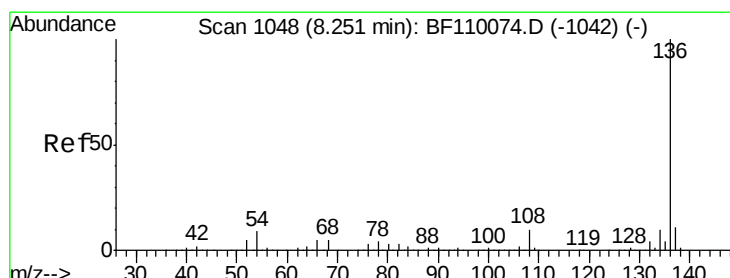
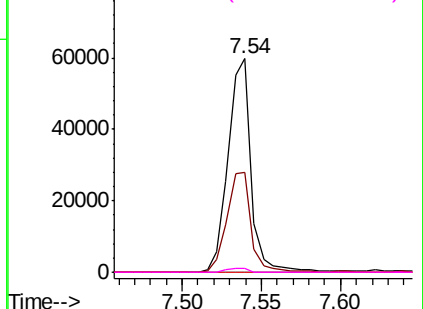


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF110341.D

Acq: 31 Oct 2018 19:04

Tgt Ion: 136 Resp: 266766

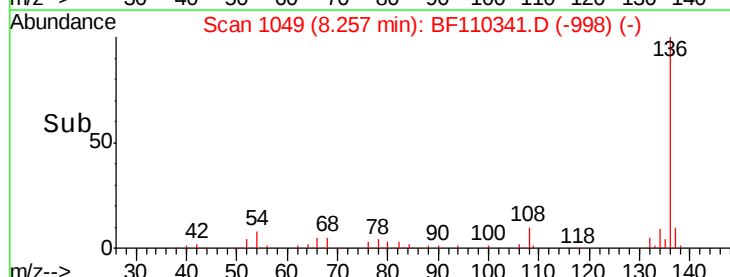
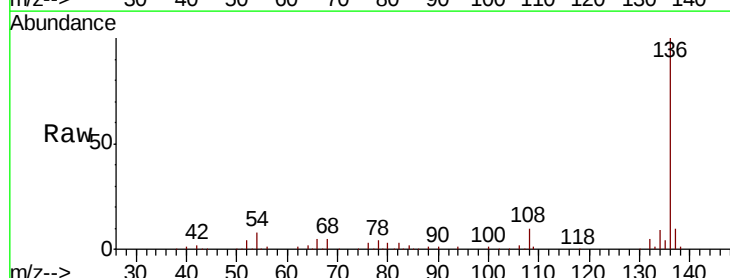
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 7.9 5.4 8.2

68 4.7 4.2 6.2

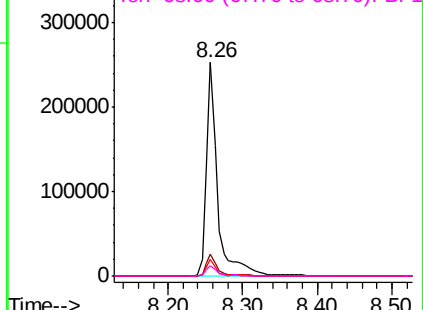


Abundance Ion 136.00 (135.70 to 136.70): E

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

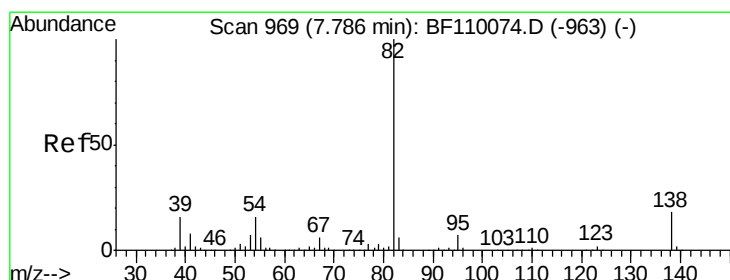
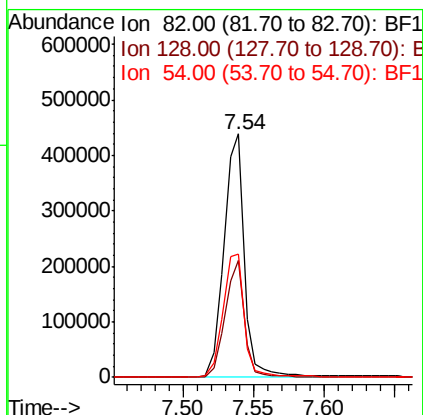
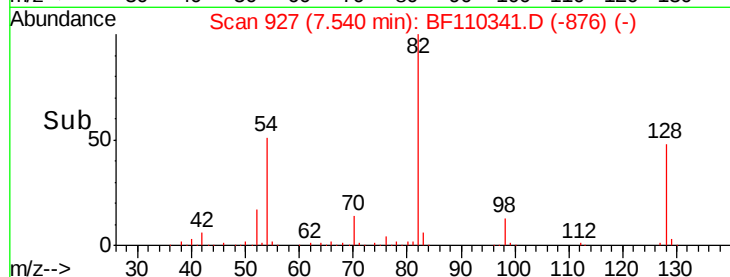
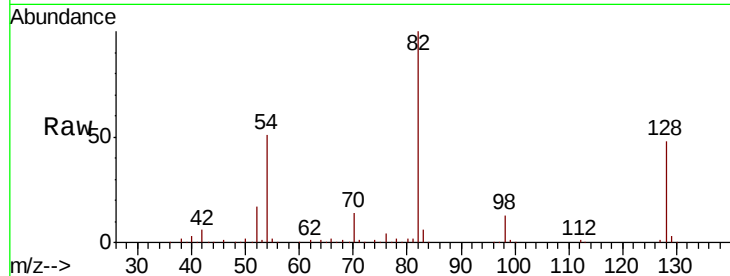




#23
 Nitrobenzene-d5
 Concen: 98.420 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF110341.D
 Acq: 31 Oct 2018 19:04

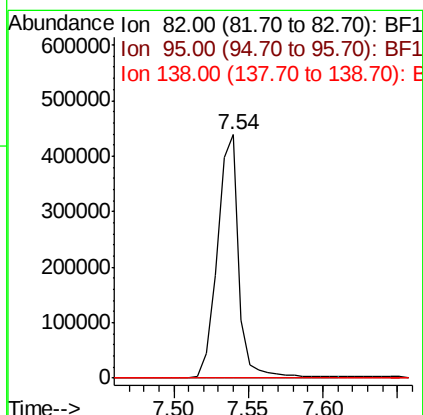
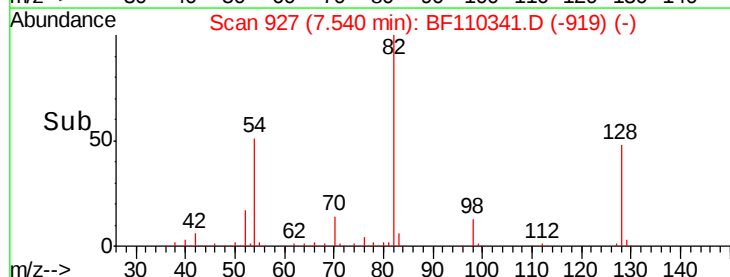
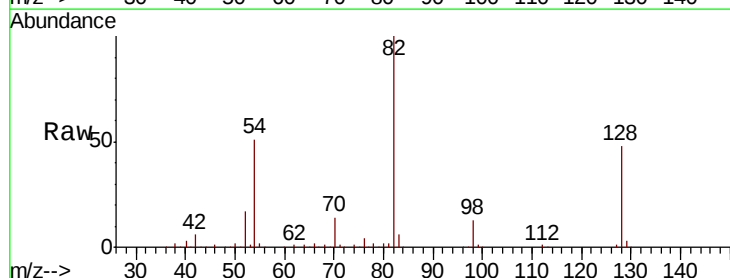
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	442650
Ion Ratio	100	Lower	Upper
128	47.9	34.2	51.2
54	50.9	38.6	58.0



#25
 Isophorone
 Concen: 57.737 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.25 min
 Lab File: BF110341.D
 Acq: 31 Oct 2018 19:04

Tgt Ion	82	Resp	442646
Ion Ratio	100	Lower	Upper
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110341.D

Acq: 31 Oct 2018 19:04

Instrument :

BNA_F

ClientSampleId :

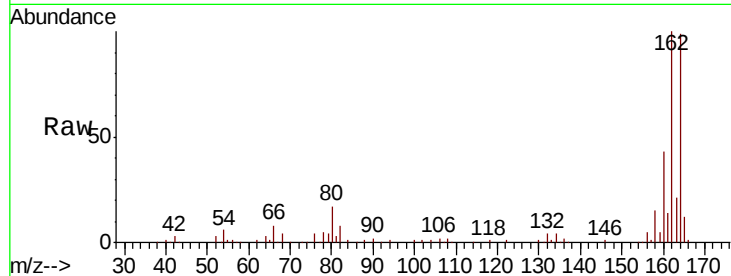
Tot Ion:164 Resp: 116798

Ion Ratio Lower Upper

164 100

162 101.1 83.0 124.6

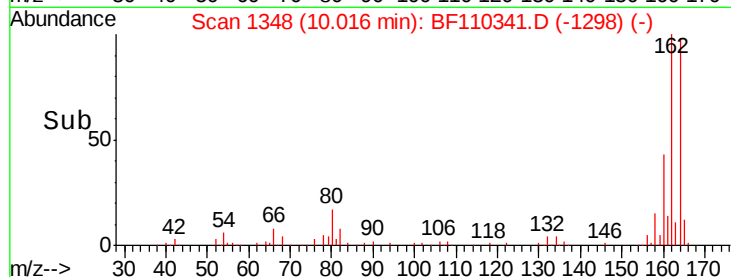
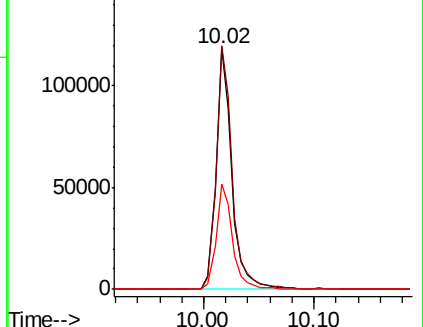
160 43.8 37.0 55.6



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: 81.669 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF110341.D

Acq: 31 Oct 2018 19:04

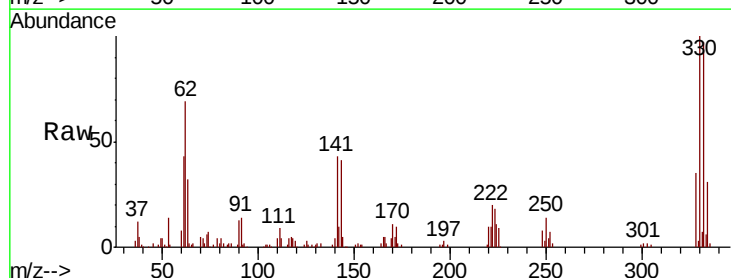
Tgt Ion:330 Resp: 94488

Ion Ratio Lower Upper

330 100

332 95.5 77.1 115.7

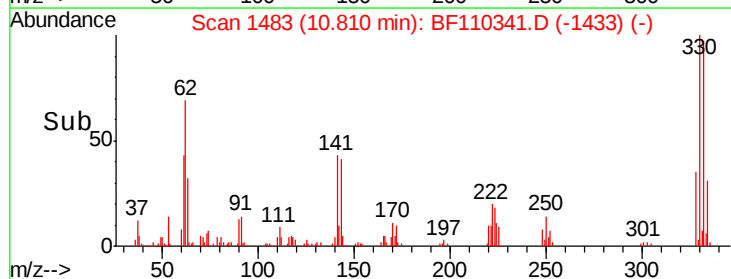
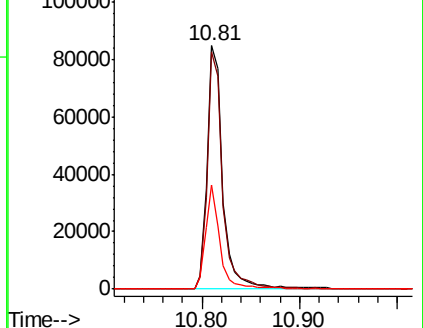
141 38.6 27.0 40.4



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

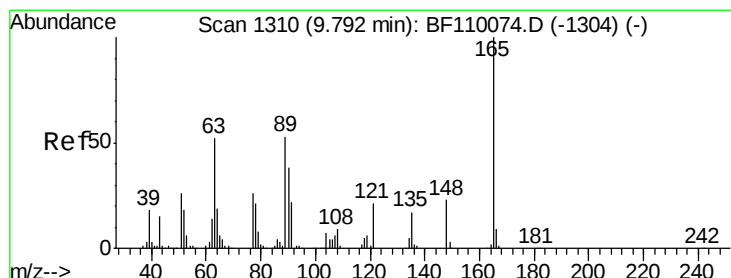
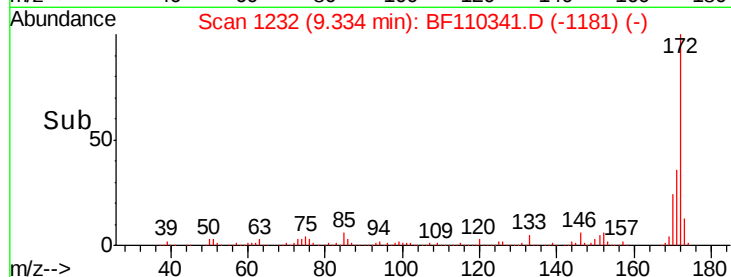
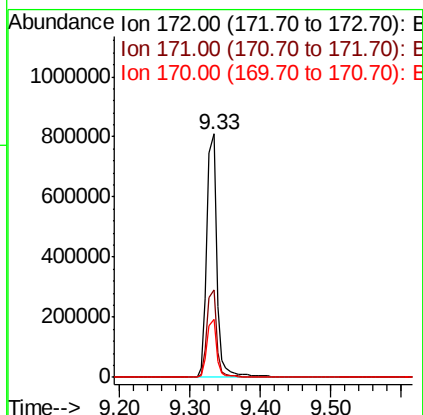
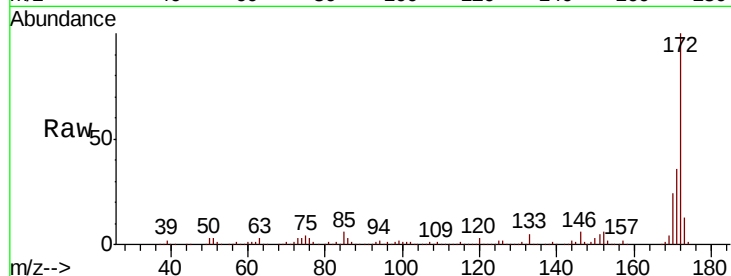




#45
2-Fluorobiphenyl
Concen: 108.148 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF110341.D
Acq: 31 Oct 2018 19:04

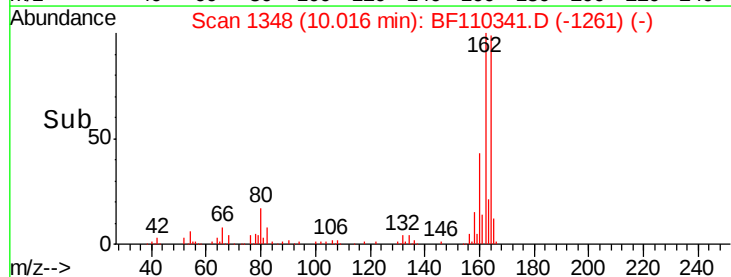
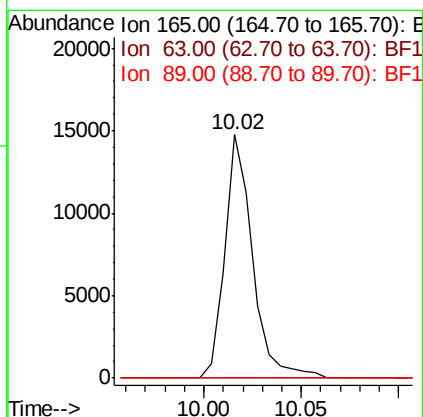
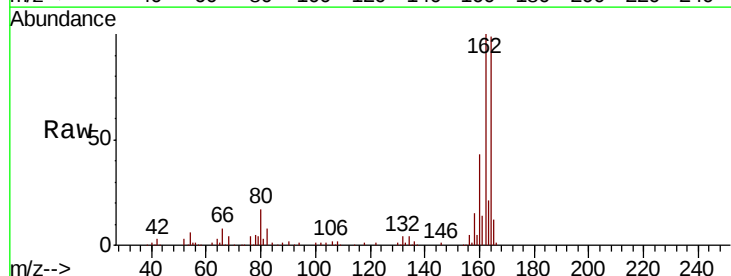
Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 804423
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.7 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.802 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.21 min
Lab File: BF110341.D
Acq: 31 Oct 2018 19:04

Tgt Ion:165 Resp: 14489
Ion Ratio Lower Upper
165 100
63 0.0 48.9 73.3#
89 0.0 46.6 69.8#

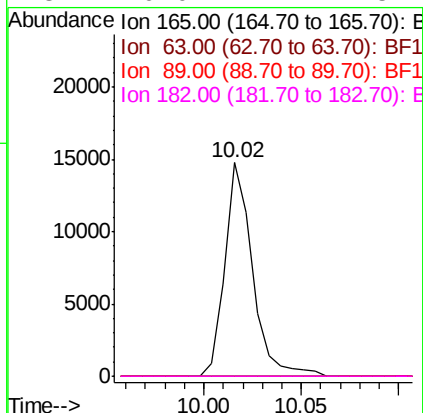
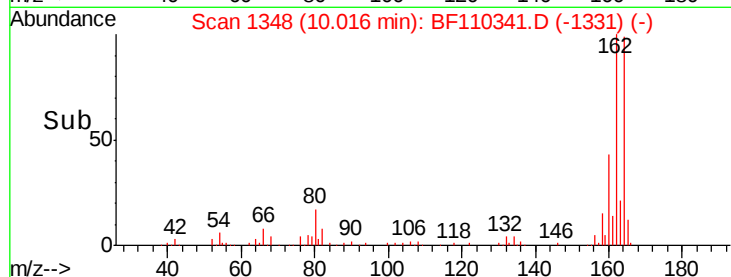
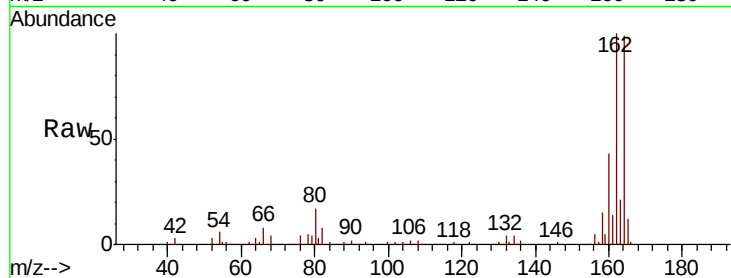




#57
 2,4-Dinitrotoluene
 Concen: 6.142 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.20 min
 Lab File: BF110341.D
 Acq: 31 Oct 2018 19:04

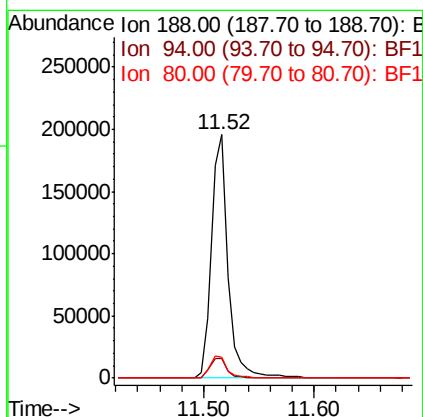
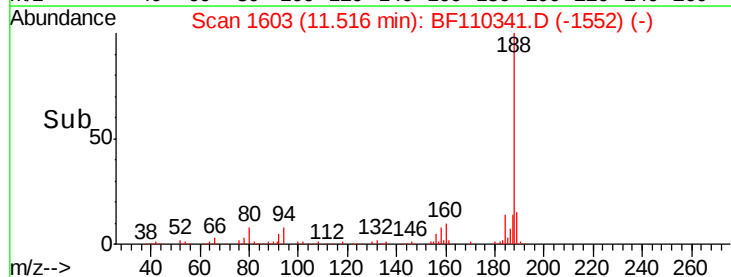
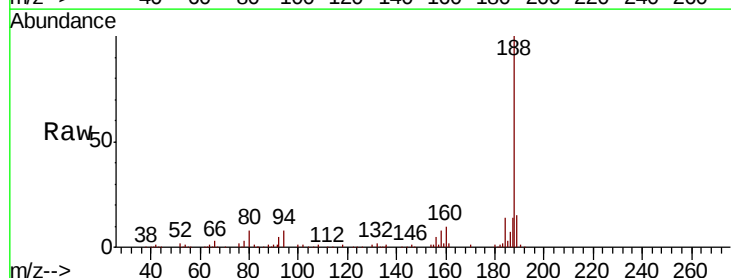
Instrument :
 BNA_F
 ClientSampleId :

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



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BF110341.D
 Acq: 31 Oct 2018 19:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	8.4	7.9	11.9

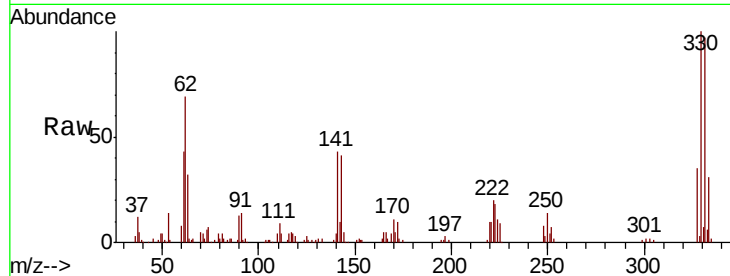




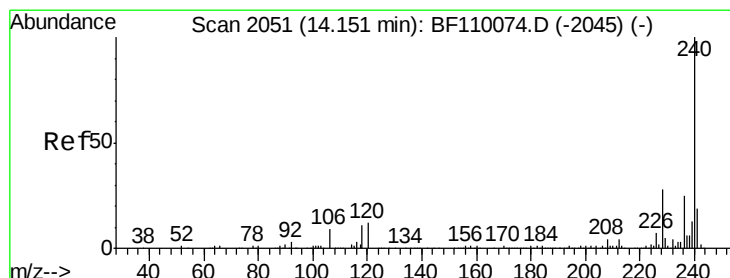
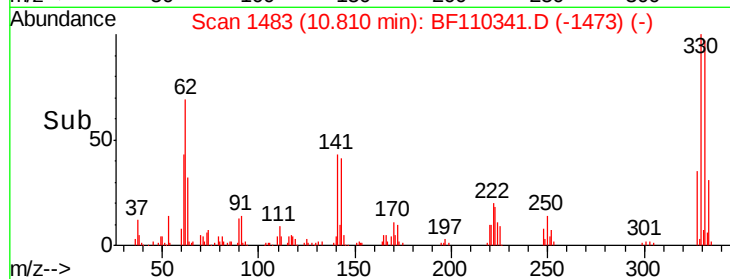
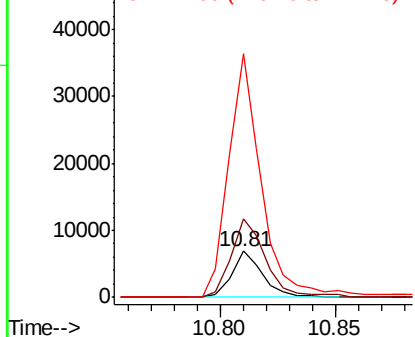
#67
 4-Bromophenyl-phenylether
 Concen: 2.986 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.24 min
 Lab File: BF110341.D
 Acq: 31 Oct 2018 19:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 6449
 Ion Ratio Lower Upper
 248 100
 250 171.0 79.4 119.2#
 141 527.0 55.9 83.9#

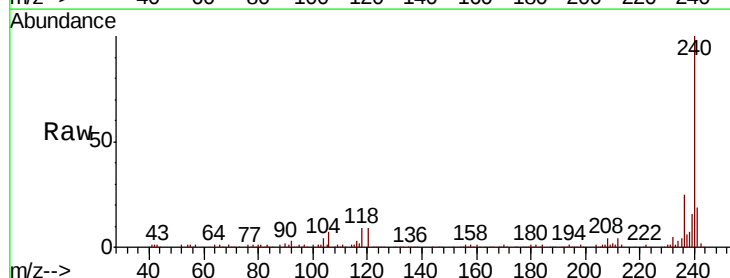


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

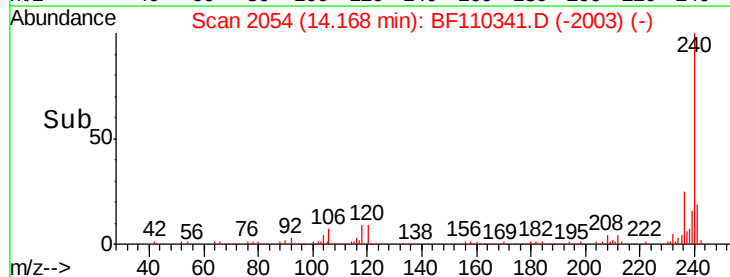
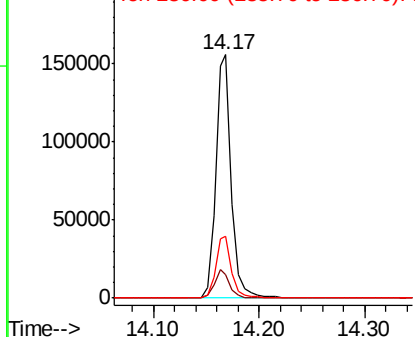


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: BF110341.D
 Acq: 31 Oct 2018 19:04

Tgt Ion:240 Resp: 161594
 Ion Ratio Lower Upper
 240 100
 120 9.5 8.3 12.5
 236 25.4 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: 92.135 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF110341.D

Acq: 31 Oct 2018 19:04

Instrument :

BNA_F

ClientSampleId :

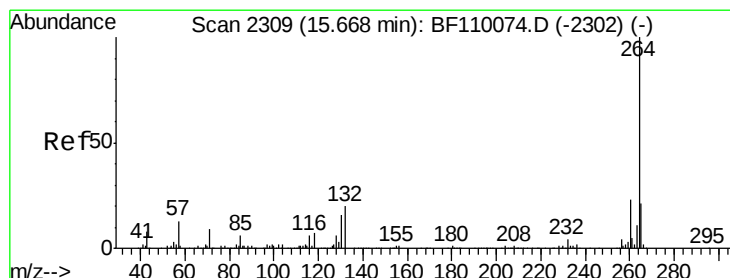
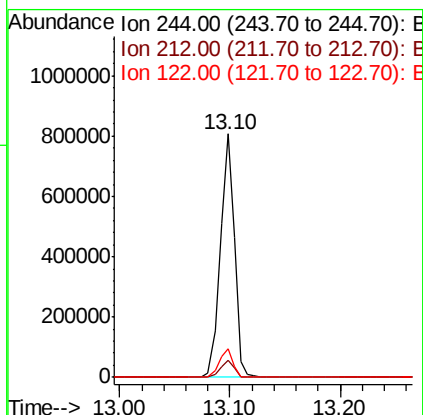
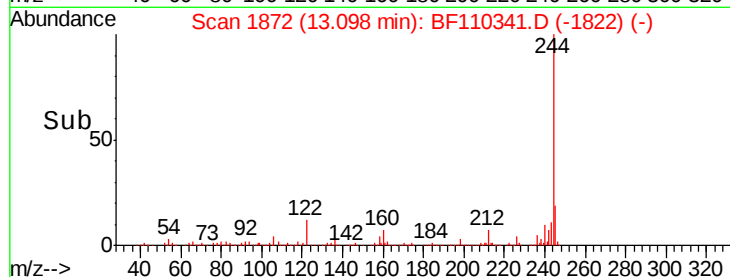
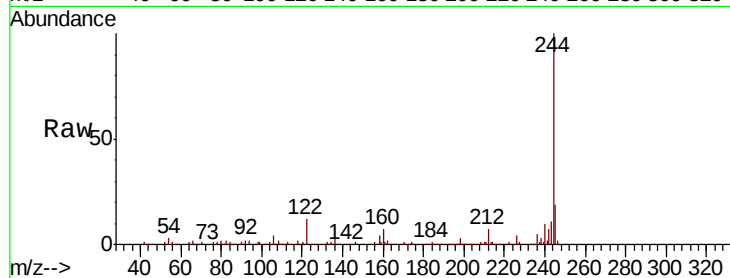
Tot Ion:244 Resp: 715889

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 11.8 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2316

Delta R.T. 0.01 min

Lab File: BF110341.D

Acq: 31 Oct 2018 19:04

Tgt Ion:264 Resp: 101903

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 22.3 16.7 25.1

