

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110436.D
 Acq On : 3 Nov 2018 2:27
 Operator : JU/SJ
 Sample : J5734-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 04:18:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

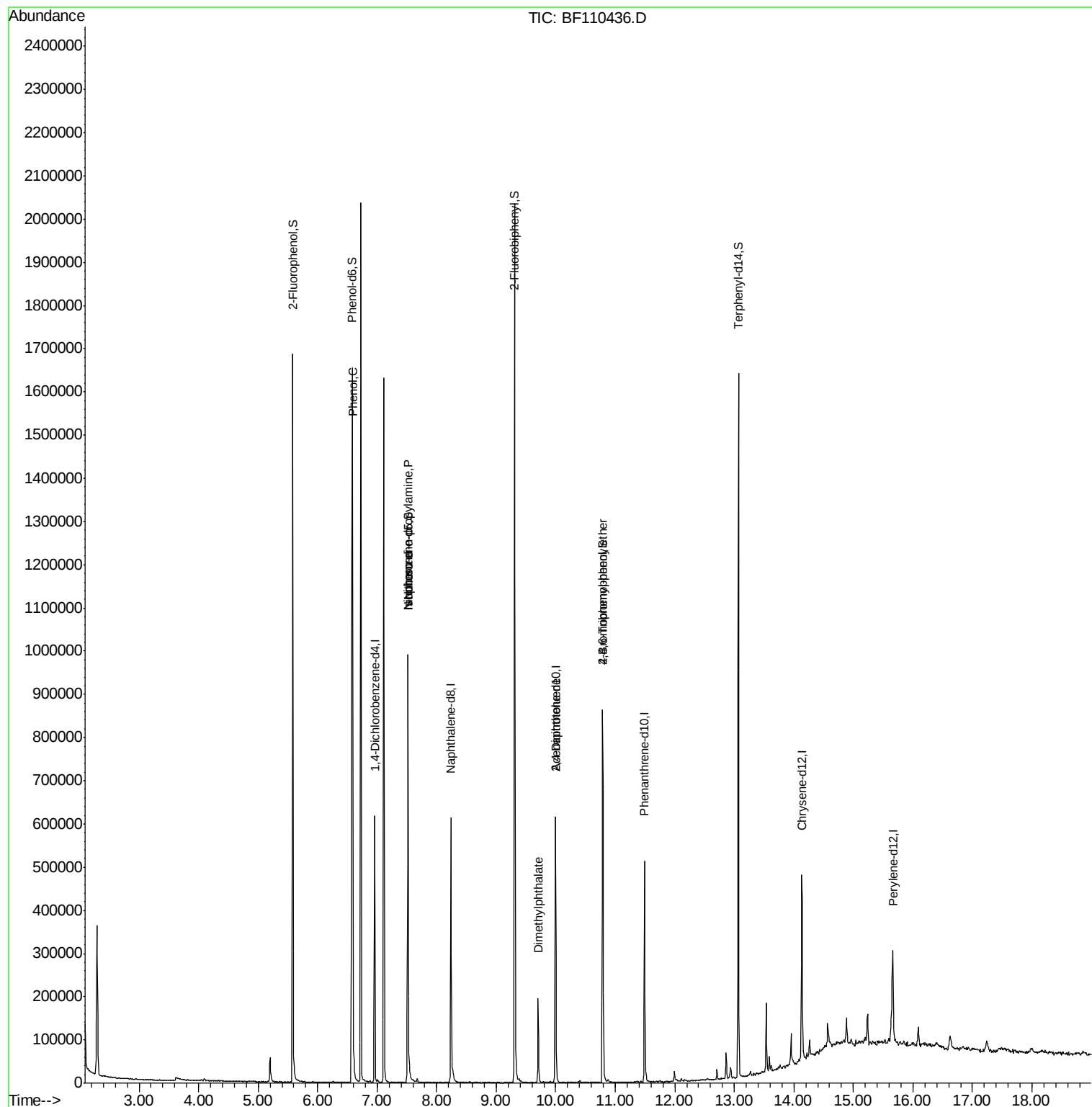
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	89450	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	330802	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	129658	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	220474	20.00	ng	0.00
76) Chrysene-d12	14.13	240	148249	20.00	ng	0.00
87) Perylene-d12	15.66	264	108355	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	504446	91.84	ng	0.01
7) Phenol-d6	6.58	99	621202	88.42	ng	0.00
23) Nitrobenzene-d5	7.52	82	365965	65.62	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	107842	83.97	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	630062	76.31	ng	0.00
79) Terphenyl-d14	13.07	244	499274	70.04	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	1355	Below Cal	Qvalue	# 1
10) Phenol	6.59	94	40509	5.394 ng	#	68
19) n-Nitroso-di-n-propylamine	7.52	70	46863	10.397 ng	#	80
25) Isophorone	7.52	82	365963	38.494 ng	#	67
50) Dimethylphthalate	9.70	163	89228	9.323 ng		99
57) 2,4-Dinitrotoluene	10.00	165	16040	6.125 ng	#	17
67) 4-Bromophenyl-phenylether	10.79	248	6964	2.912 ng	#	1

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

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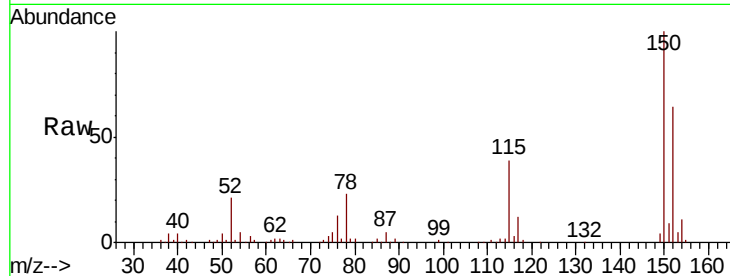


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110436.D
Acq: 3 Nov 2018 2:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.7	184.1
115	60.6	49.1	73.7

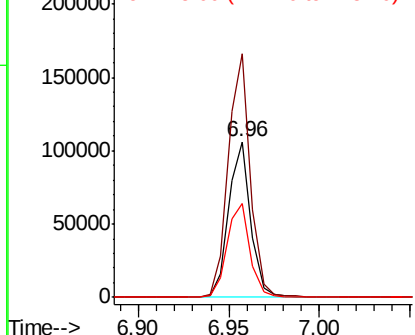
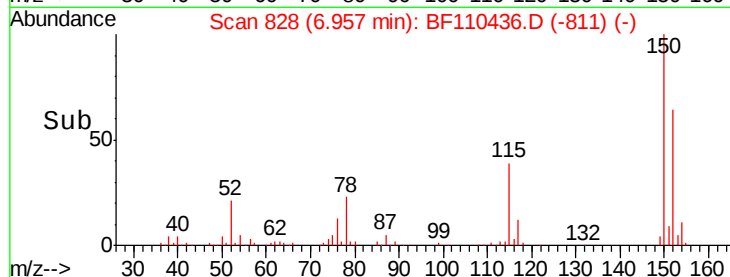


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

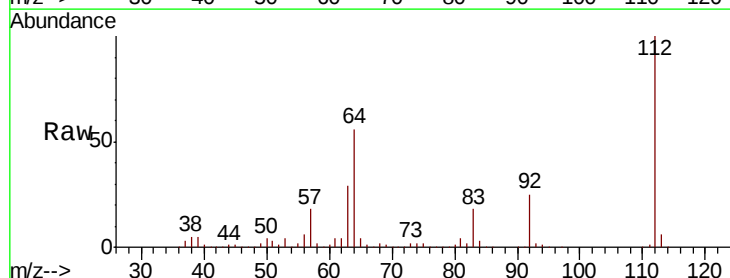
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.835 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110436.D
Acq: 3 Nov 2018 2:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	44.1	66.1
63	29.4	23.7	35.5

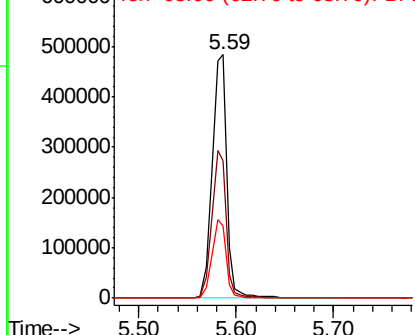
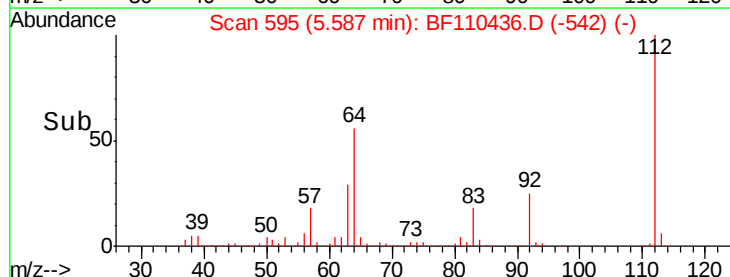


Abundance

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: 88.416 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110436.D

Acq: 3 Nov 2018 2:27

Instrument :

BNA_F

ClientSampled :

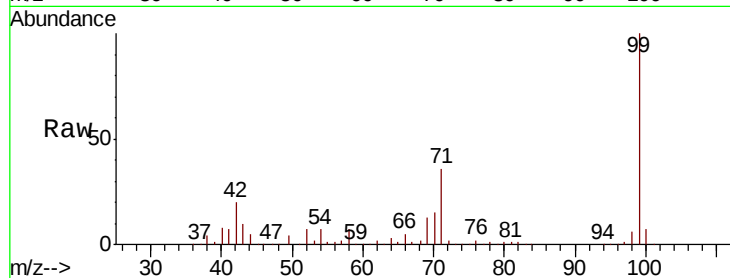
Tot Ion: 99 Resp: 621202

Ion Ratio Lower Upper

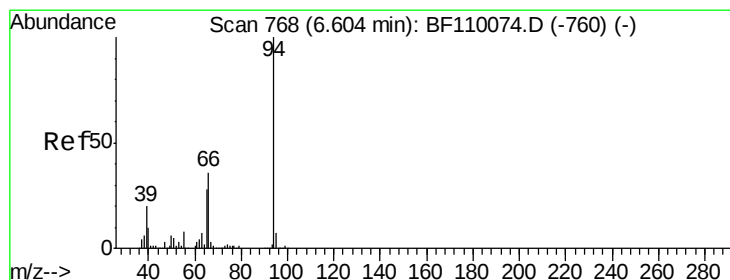
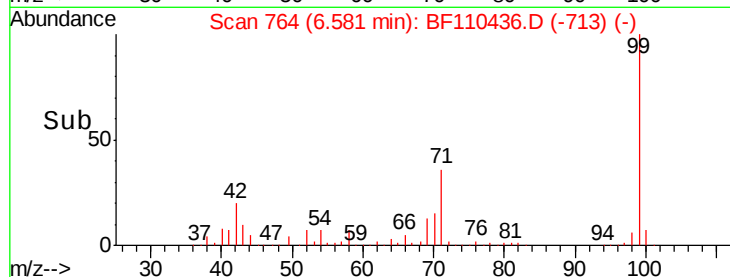
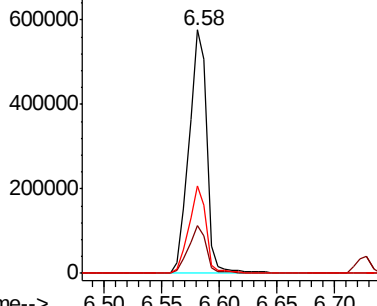
99 100

42 19.6 15.8 23.6

71 35.8 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: 5.394 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110436.D

Acq: 3 Nov 2018 2:27

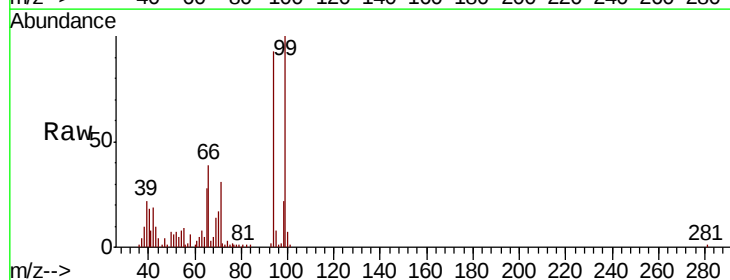
Tgt Ion: 94 Resp: 40509

Ion Ratio Lower Upper

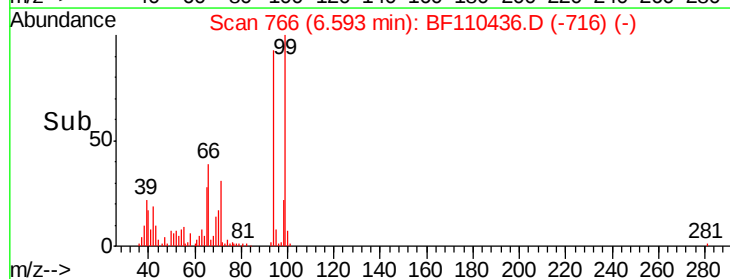
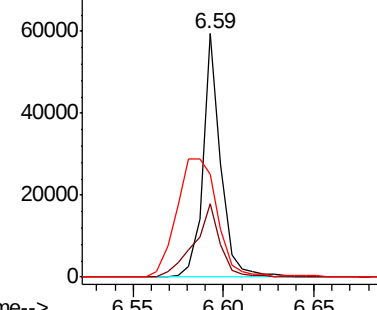
94 100

65 30.1 25.3 65.3

66 42.5 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

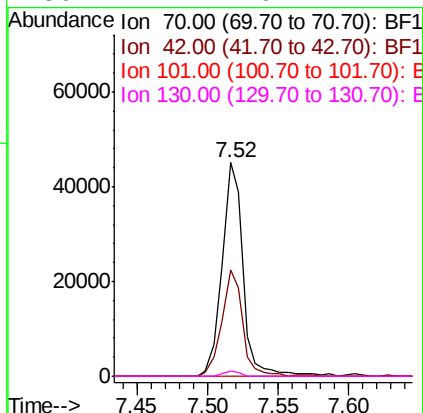
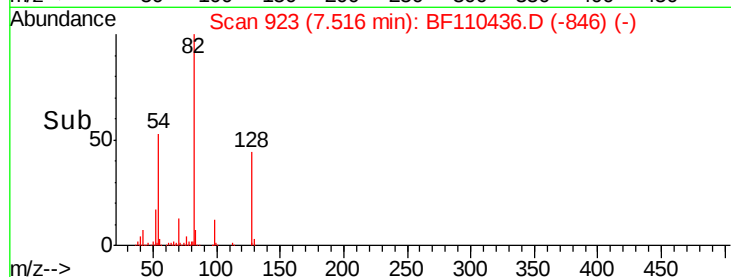
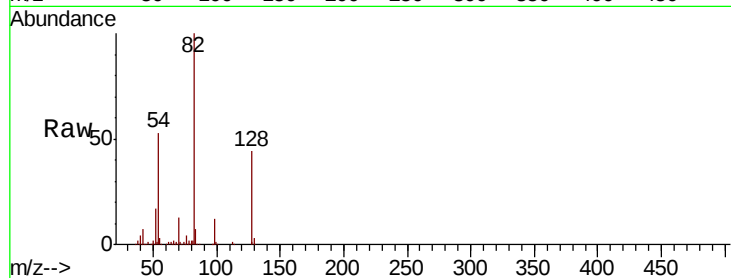




#19
n-Nitroso-di-n-propylamine
Concen: 10.397 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110436.D
Acq: 3 Nov 2018 2:27

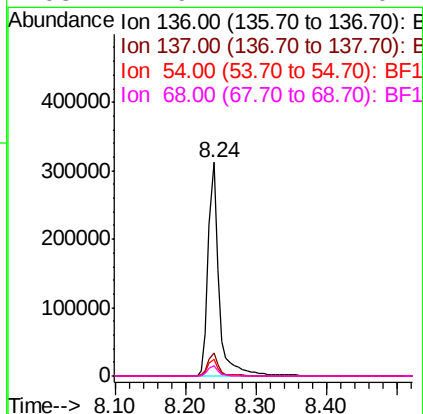
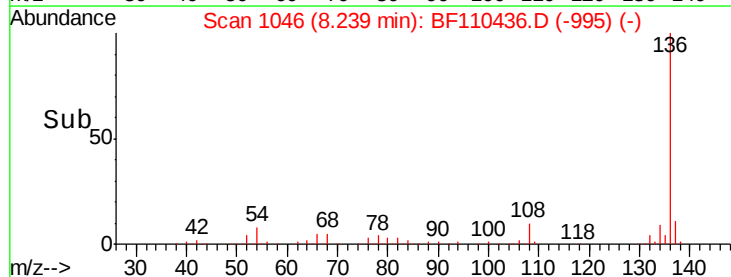
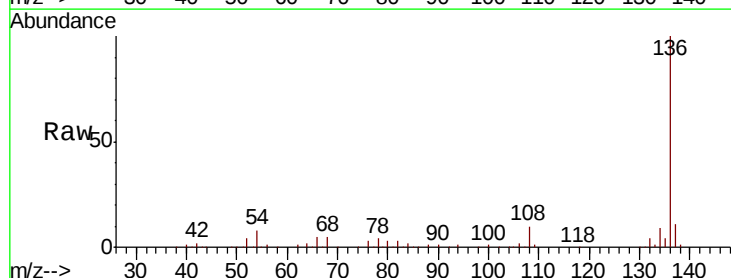
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 46863
Ion Ratio Lower Upper
70 100
42 50.0 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110436.D
Acq: 3 Nov 2018 2:27

Tgt Ion: 136 Resp: 330802
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.7 5.4 8.2
68 4.9 4.2 6.2





#23

Nitrobenzene-d5

Concen: 65.618 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF110436.D

Acq: 3 Nov 2018 2:27

Instrument :

BNA_F

ClientSampled :

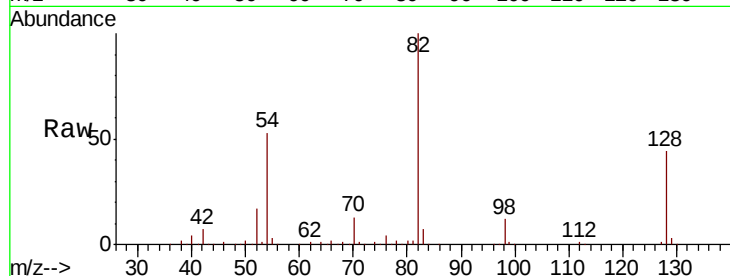
Tot Ion: 82 Resp: 365965

Ion Ratio Lower Upper

82 100

128 43.8 34.2 51.2

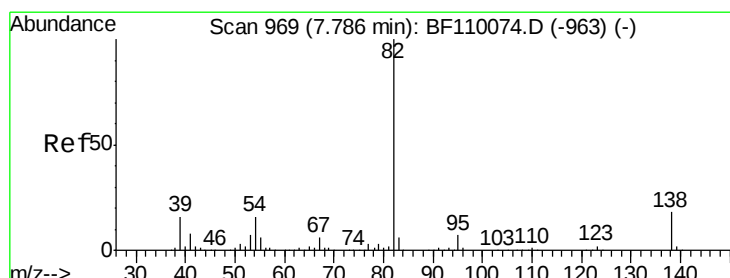
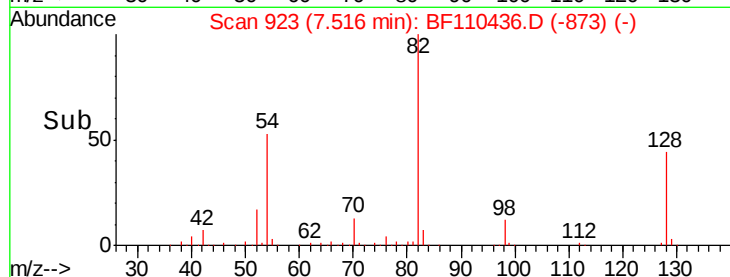
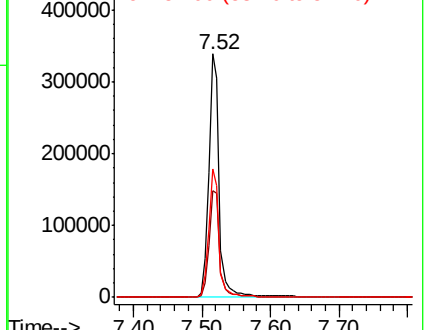
54 52.6 38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 38.494 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.26 min

Lab File: BF110436.D

Acq: 3 Nov 2018 2:27

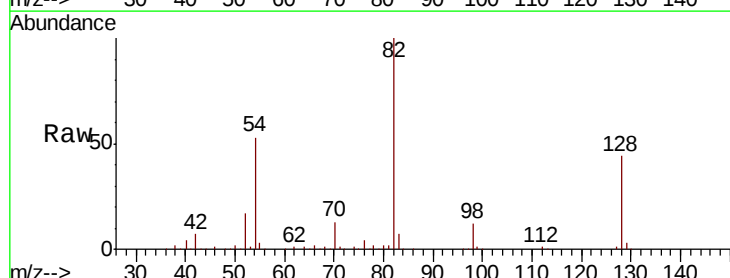
Tgt Ion: 82 Resp: 365963

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

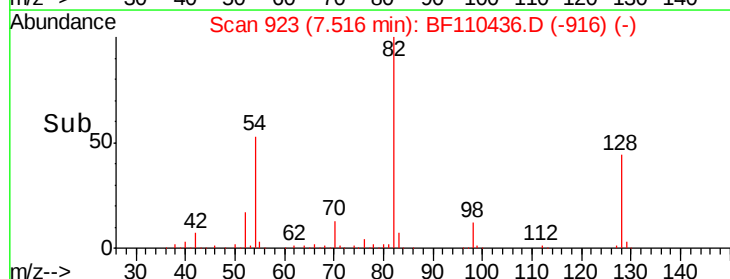
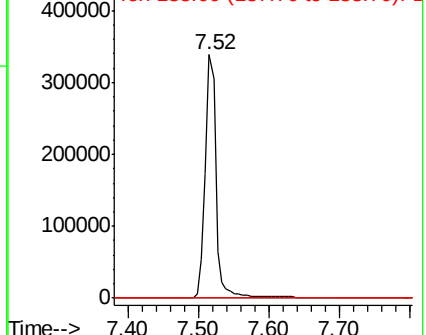
138 0.0 13.2 19.8#



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: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110436.D

Acq: 3 Nov 2018 2:27

Instrument :

BNA_F

ClientSampleId :

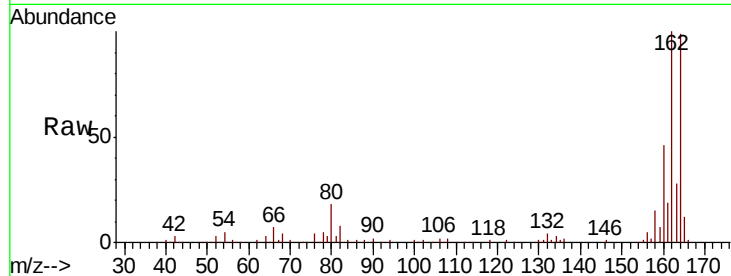
Tot Ion:164 Resp: 129658

Ion Ratio Lower Upper

164 100

162 100.7 83.0 124.6

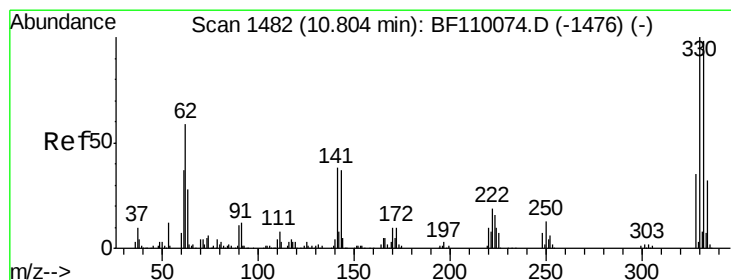
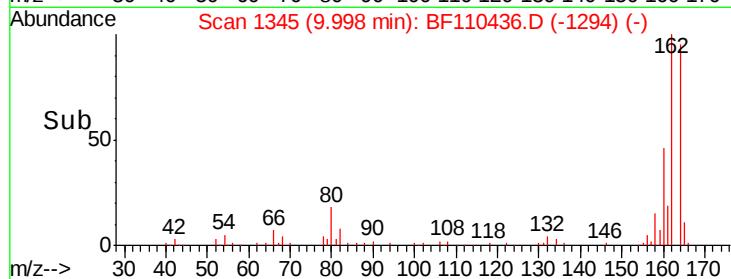
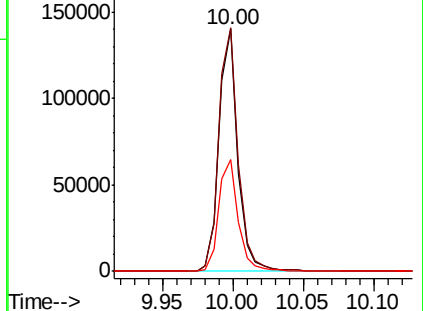
160 46.3 37.0 55.6



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: 83.966 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110436.D

Acq: 3 Nov 2018 2:27

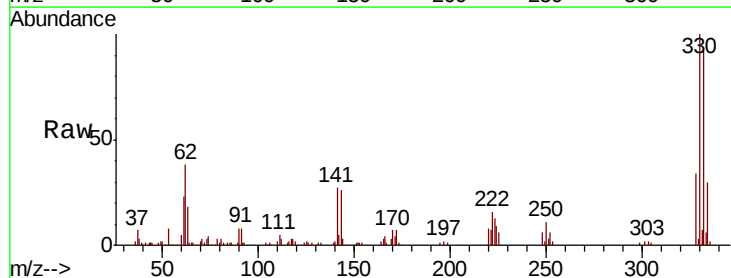
Tgt Ion:330 Resp: 107842

Ion Ratio Lower Upper

330 100

332 94.2 77.1 115.7

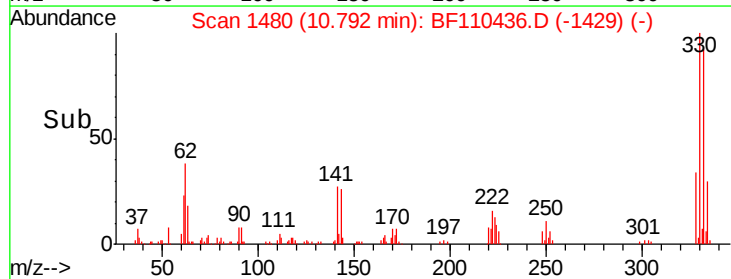
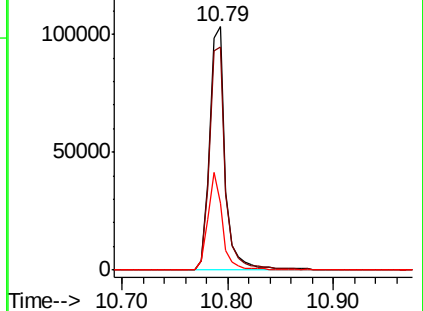
141 36.9 27.0 40.4



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

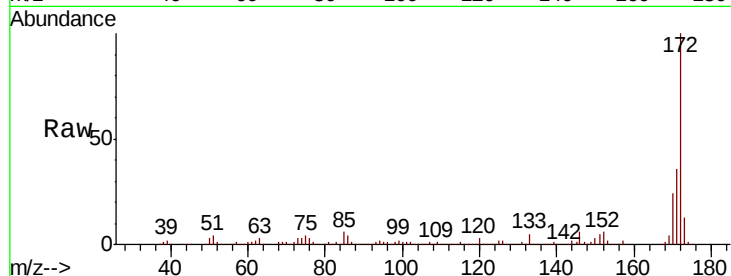




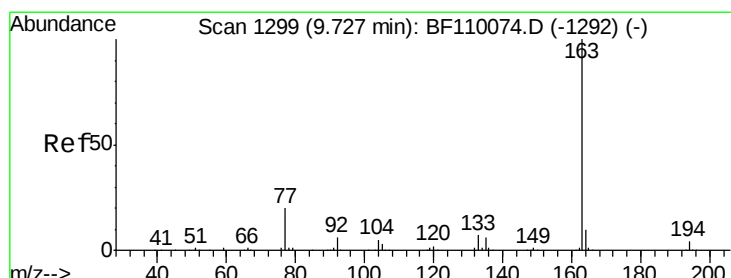
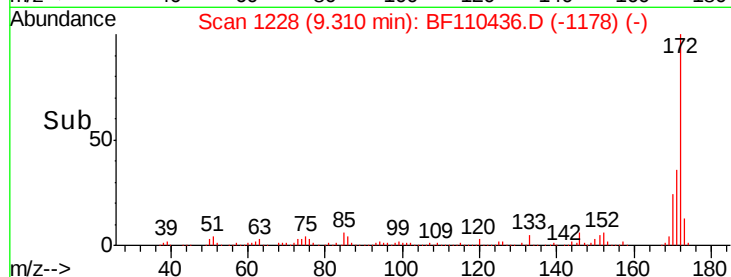
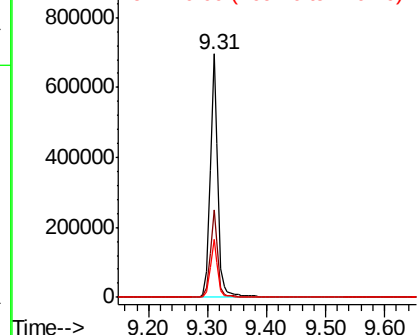
#45
 2-Fluorobiphenyl
 Concen: 76.305 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110436.D
 Acq: 3 Nov 2018 2:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 630062
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.6 19.7 29.5

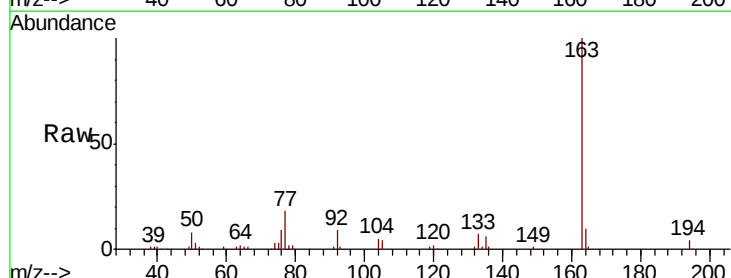


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

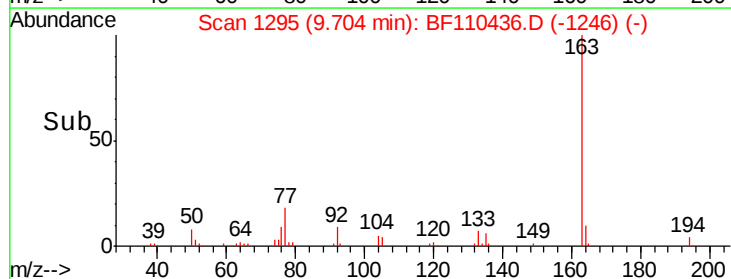
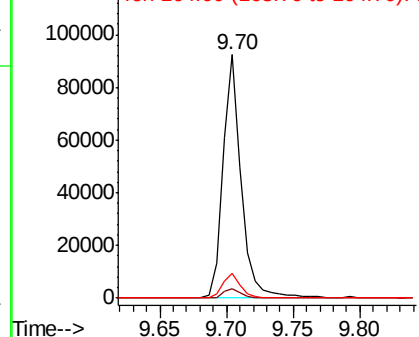


#50
 Dimethylphthalate
 Concen: 9.323 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF110436.D
 Acq: 3 Nov 2018 2:27

Tgt Ion:163 Resp: 89228
 Ion Ratio Lower Upper
 163 100
 194 3.7 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

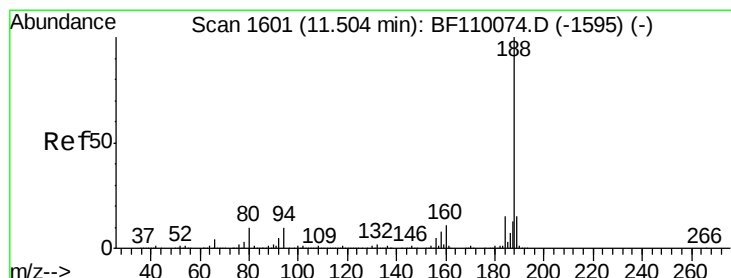
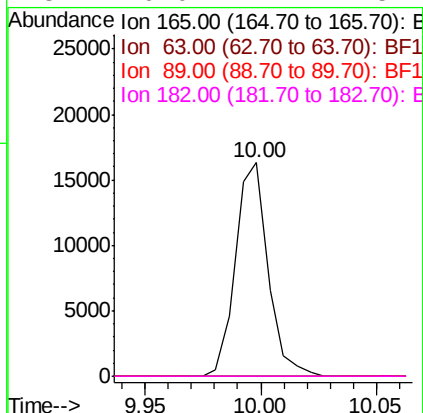
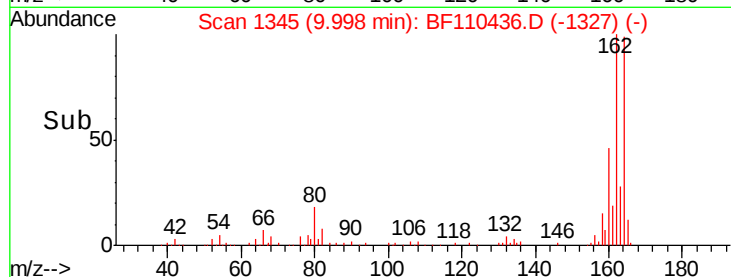
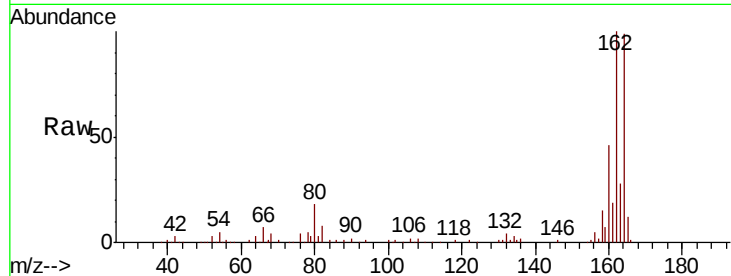




#57
 2,4-Dinitrotoluene
 Concen: 6.125 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.19 min
 Lab File: BF110436.D
 Acq: 3 Nov 2018 2:27

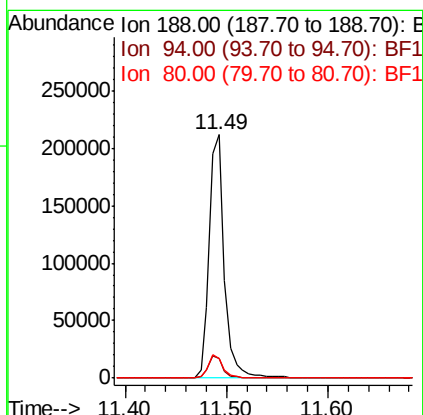
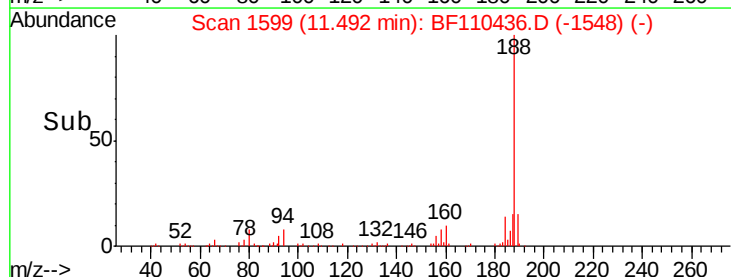
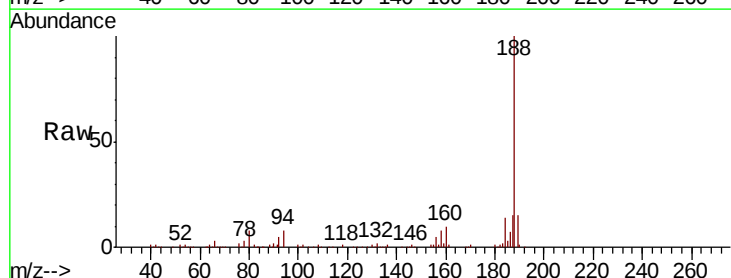
Instrument :
 BNA_F
 ClientSampleId :

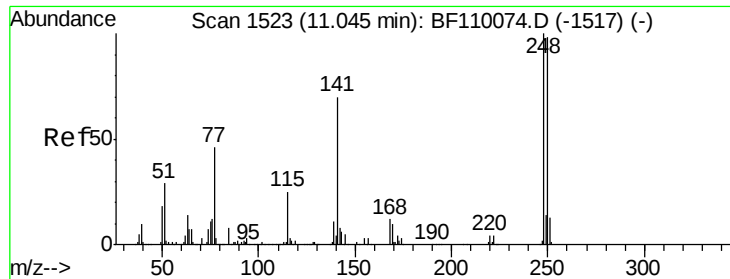
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BF110436.D
 Acq: 3 Nov 2018 2:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	8.0	7.9	11.9

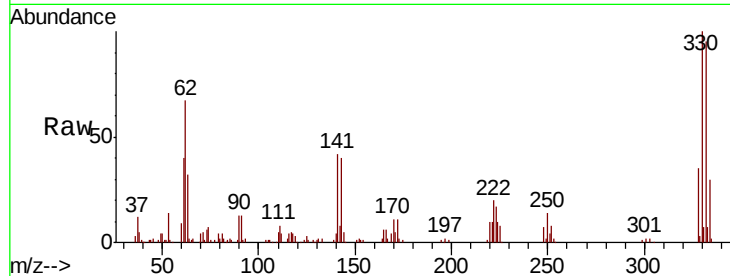




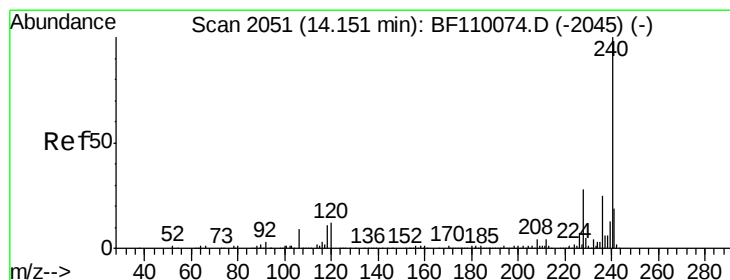
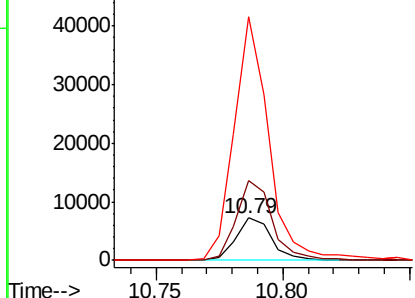
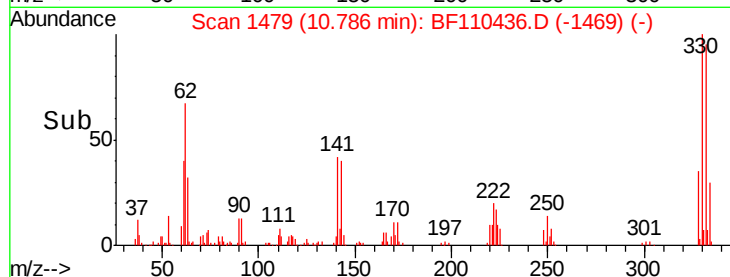
#67
4-Bromophenyl-phenylether
Concen: 2.912 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110436.D
Acq: 3 Nov 2018 2:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 6964
Ion Ratio Lower Upper
248 100
250 187.3 79.4 119.2#
141 574.5 55.9 83.9#

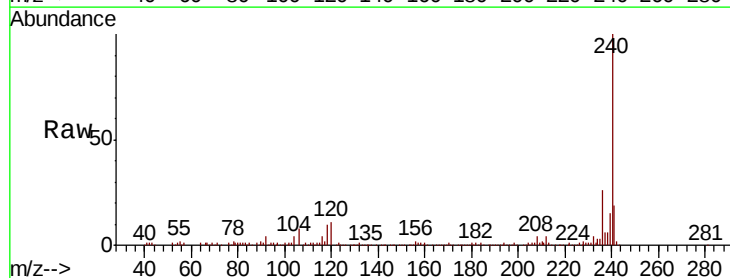


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

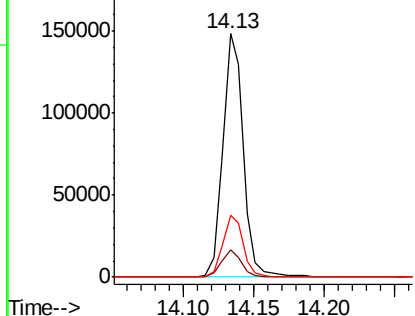
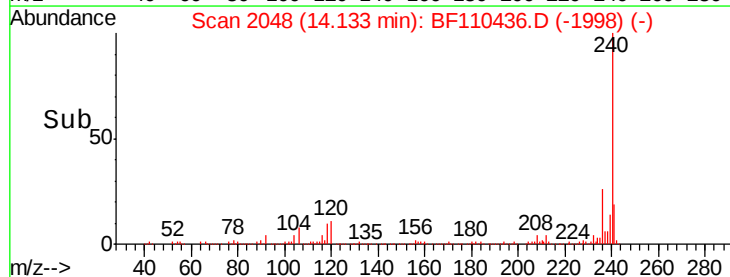


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110436.D
Acq: 3 Nov 2018 2:27

Tgt Ion:240 Resp: 148249
Ion Ratio Lower Upper
240 100
120 11.3 8.3 12.5
236 25.6 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

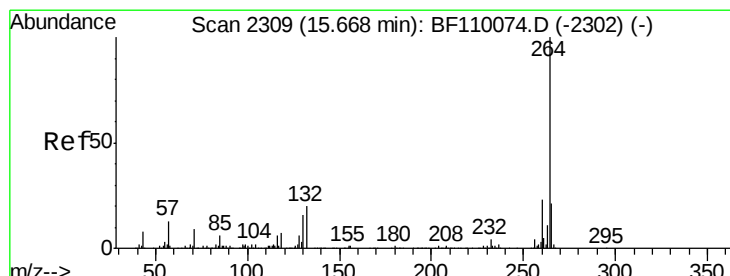
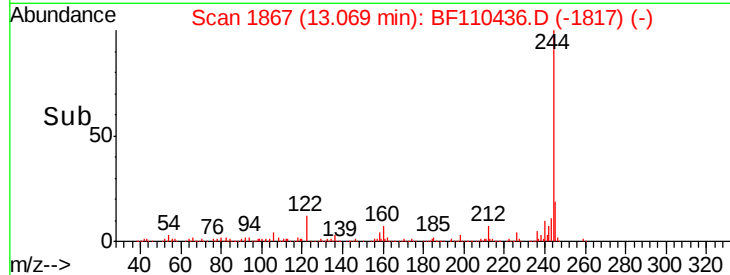
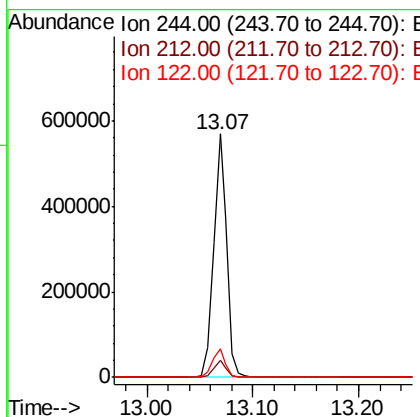
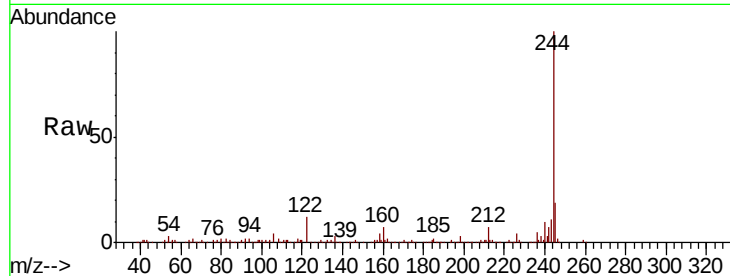




#79
 Terphenyl-d14
 Concen: 70.041 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110436.D
 Acq: 3 Nov 2018 2:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 499274
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 12.0 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. 0.01 min
 Lab File: BF110436.D
 Acq: 3 Nov 2018 2:27

Tgt Ion:264 Resp: 108355
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.4 16.7 25.1

