

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110446.D
 Acq On : 3 Nov 2018 8:04
 Operator : JU/SJ
 Sample : J5789-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 03:47:25 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

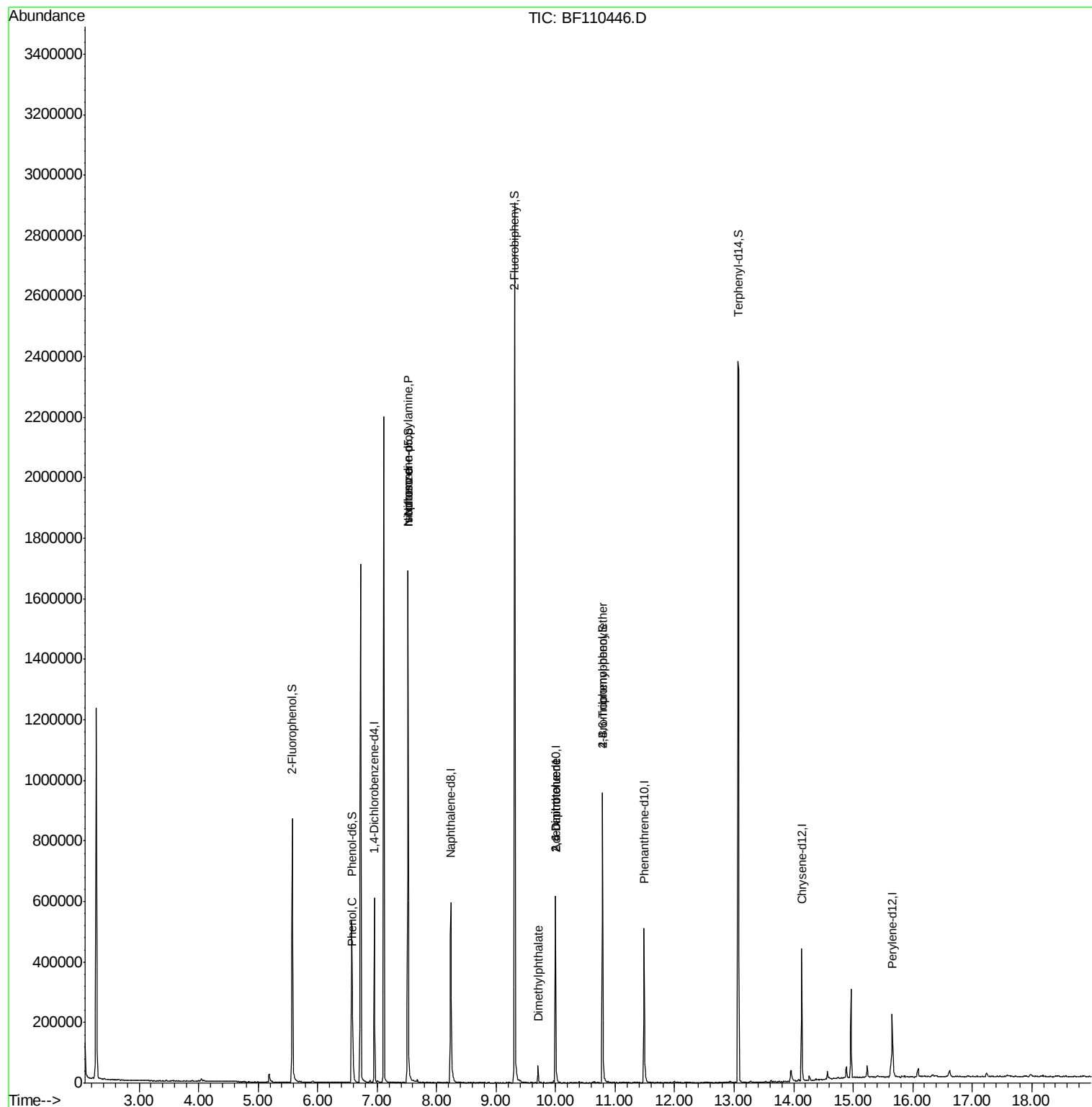
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	92250	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	338967	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	135724	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	231486	20.00	ng	0.00
76) Chrysene-d12	14.13	240	158515	20.00	ng	0.00
87) Perylene-d12	15.66	264	114755	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	235585	41.59	ng	0.00
7) Phenol-d6	6.57	99	178876	24.69	ng	0.00
23) Nitrobenzene-d5	7.52	82	590317	103.29	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	115572	85.96	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	988352	114.35	ng	0.00
79) Terphenyl-d14	13.07	244	872312	114.45	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	567	Below Cal	Qvalue	# 1
10) Phenol	6.59	94	48549	6.268 ng	#	63
19) n-Nitroso-di-n-propylamine	7.52	70	76917	16.547 ng	#	80
25) Isophorone	7.52	82	590314	60.597 ng	#	67
50) Dimethylphthalate	9.70	163	28956	2.890 ng		99
51) 2,6-Dinitrotoluene	10.00	165	16807	7.788 ng	#	21
57) 2,4-Dinitrotoluene	10.00	165	16807	6.131 ng	#	17
67) 4-Bromophenyl-phenylether	10.79	248	7117	2.834 ng	#	1

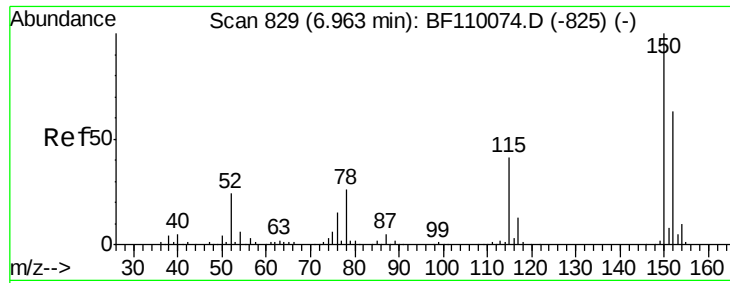
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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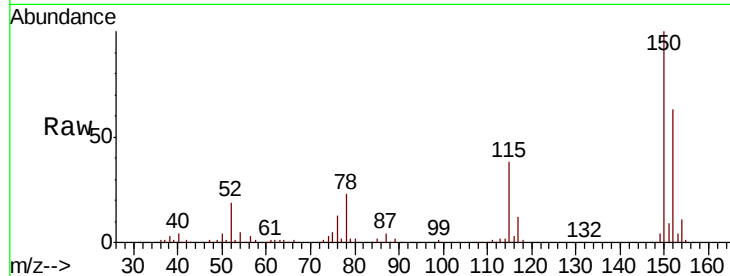


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110446.D
Acq: 3 Nov 2018 8:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	122.7	184.1
115	60.1	49.1	73.7

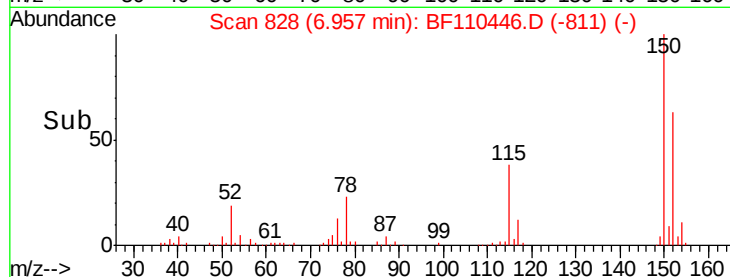
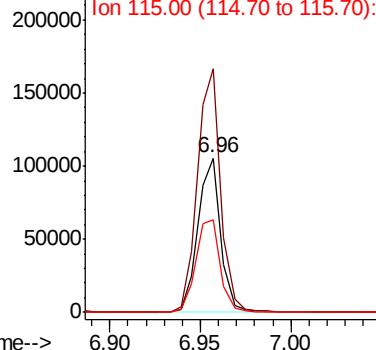


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

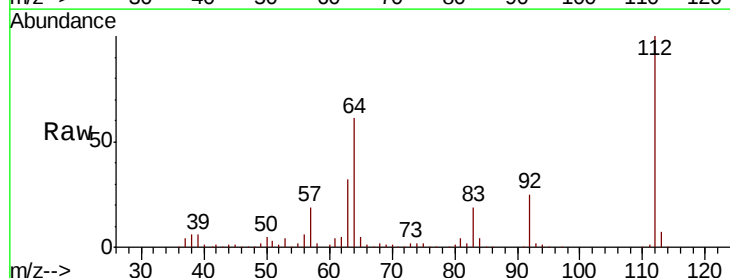
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.587 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110446.D
Acq: 3 Nov 2018 8:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	44.1	66.1
63	32.1	23.7	35.5

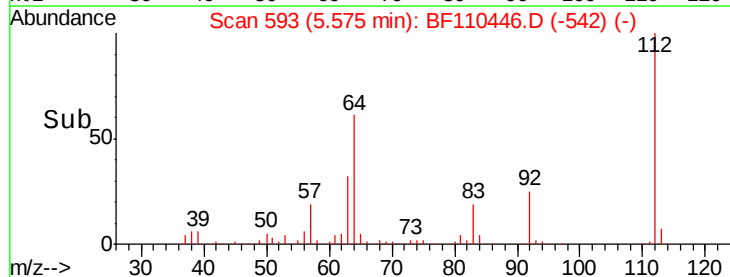
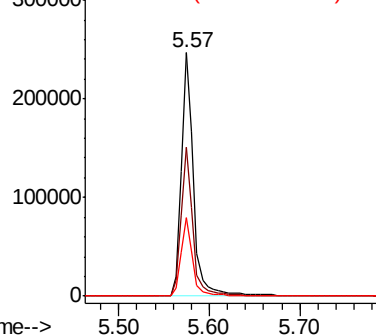


Abundance

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: 24.687 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110446.D

Acq: 3 Nov 2018 8:04

Instrument :

BNA_F

ClientSampled :

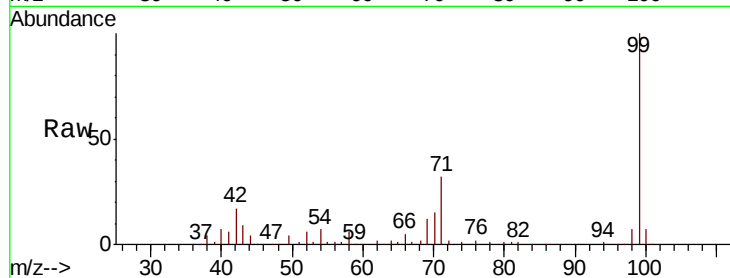
Tot Ion: 99 Resp: 178876

Ion Ratio Lower Upper

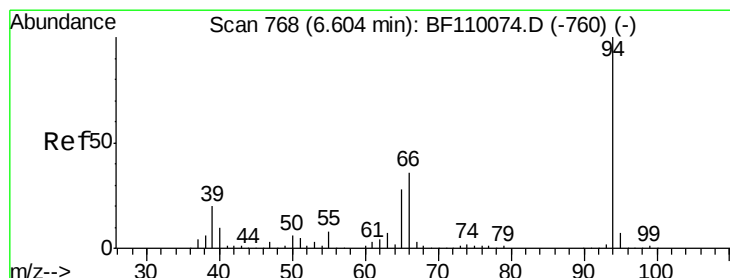
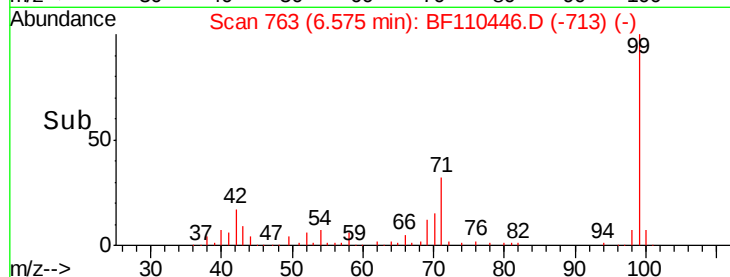
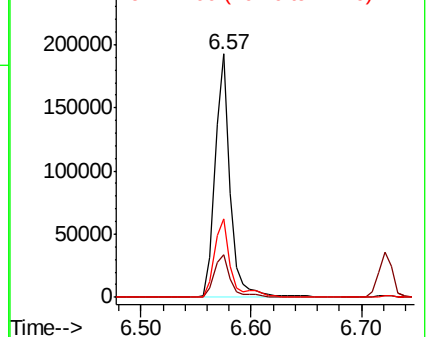
99 100

42 17.4 15.8 23.6

71 32.4 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: 6.268 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110446.D

Acq: 3 Nov 2018 8:04

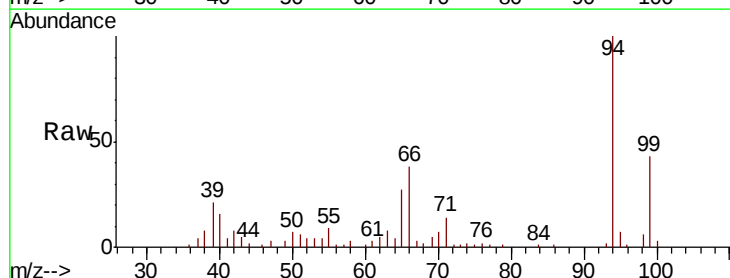
Tgt Ion: 94 Resp: 48549

Ion Ratio Lower Upper

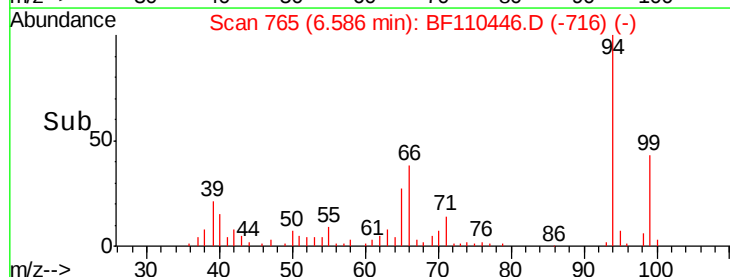
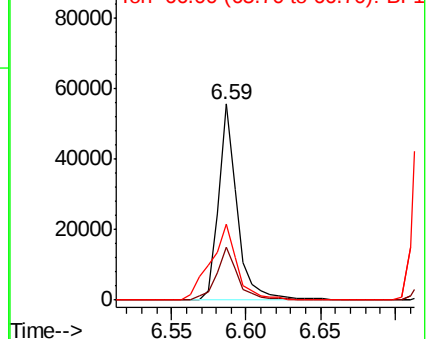
94 100

65 27.0 25.3 65.3

66 38.5 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: 16.547 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.16 min

Lab File: BF110446.D

Acq: 3 Nov 2018 8:04

Instrument :

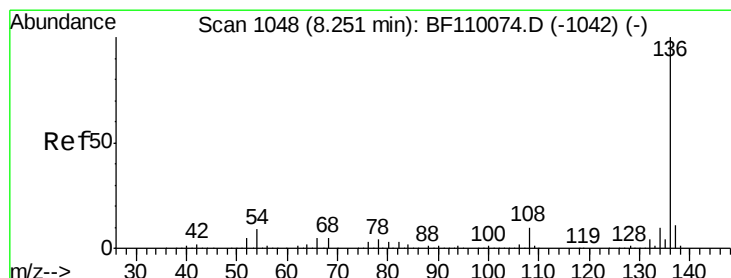
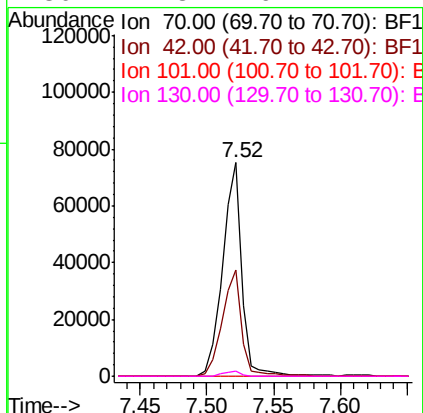
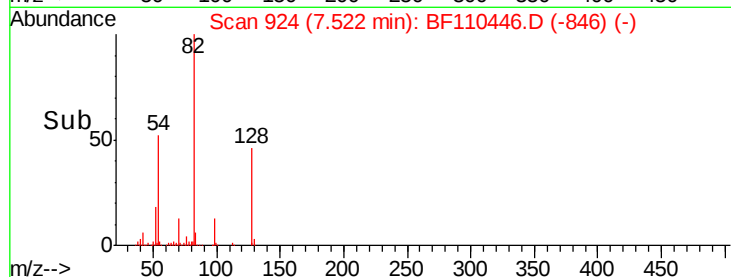
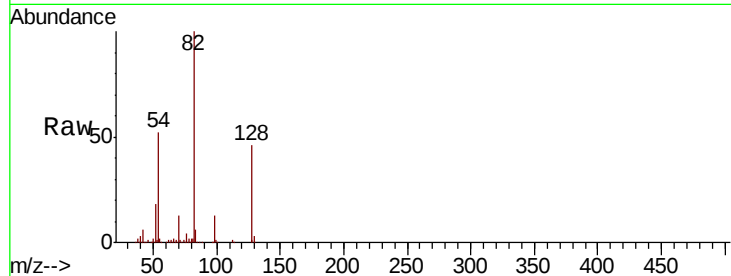
BNA_F

ClientSampled :

Tot Ion: 70 Resp: 76917

Ion Ratio Lower Upper

70	100		
42	49.7	47.4	71.2
101	0.0	7.3	10.9
130	2.3	16.2	24.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

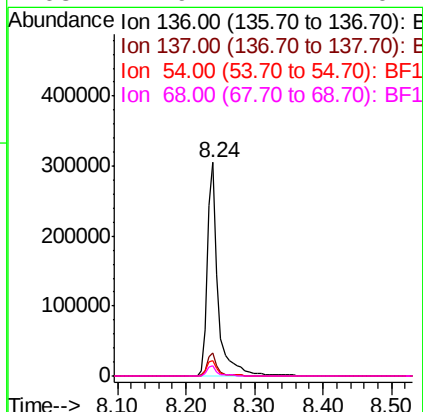
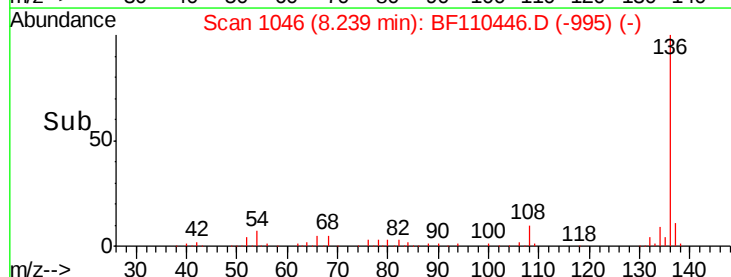
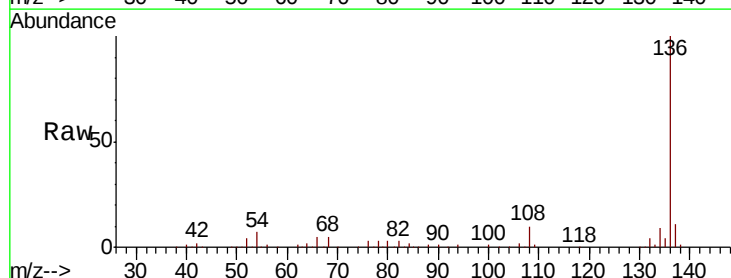
Lab File: BF110446.D

Acq: 3 Nov 2018 8:04

Tgt Ion: 136 Resp: 338967

Ion Ratio Lower Upper

136	100		
137	10.6	8.8	13.2
54	7.4	5.4	8.2
68	4.9	4.2	6.2

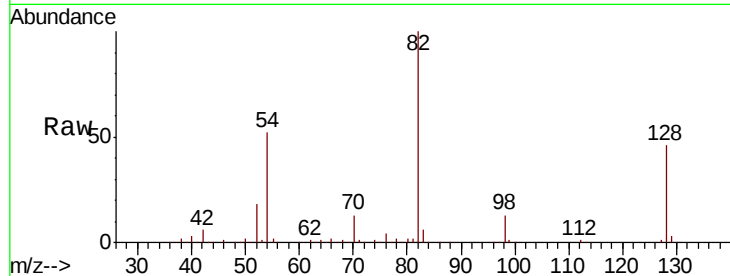




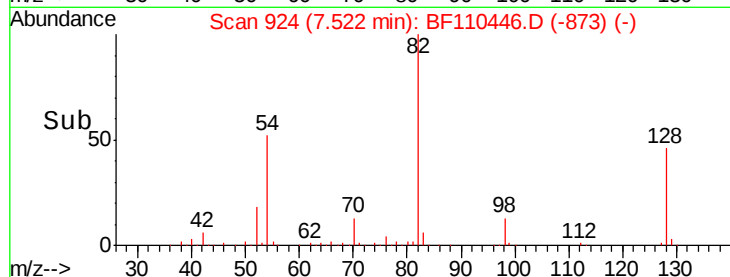
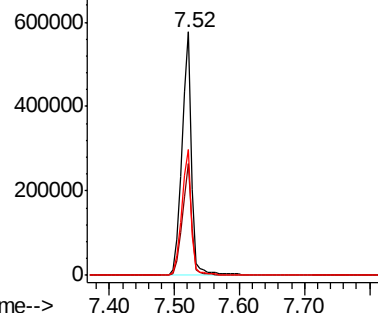
#23
Nitrobenzene-d5
Concen: 103.295 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110446.D
Acq: 3 Nov 2018 8:04

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 590317
Ion Ratio Lower Upper
82 100
128 46.0 34.2 51.2
54 51.9 38.6 58.0

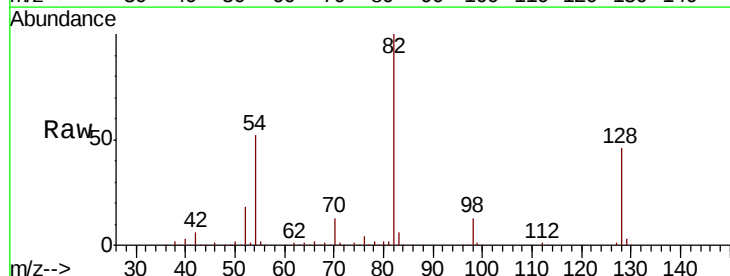


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

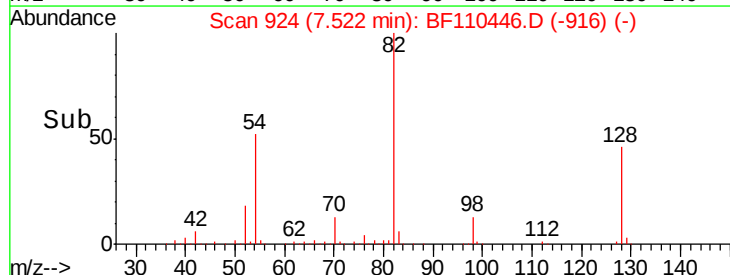
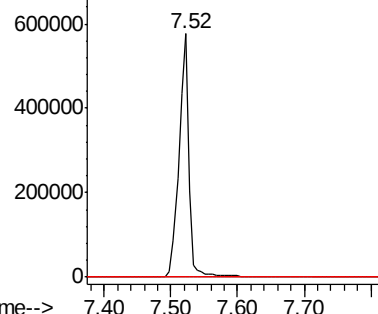


#25
Isophorone
Concen: 60.597 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110446.D
Acq: 3 Nov 2018 8:04

Tgt Ion: 82 Resp: 590314
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: BF110446.D

Acq: 3 Nov 2018 8:04

Instrument :

BNA_F

ClientSampleId :

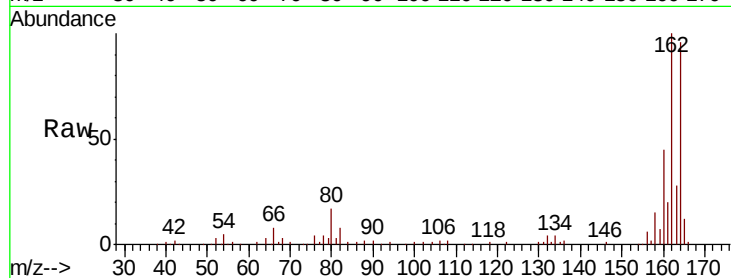
Tot Ion:164 Resp: 135724

Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.6

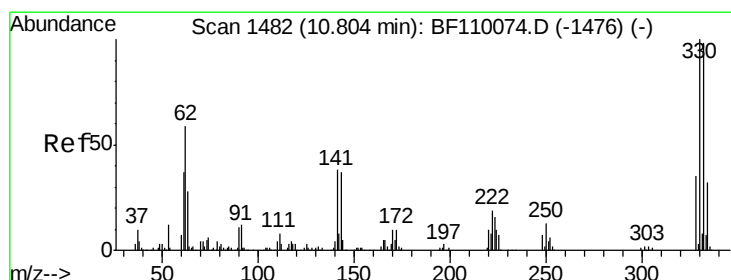
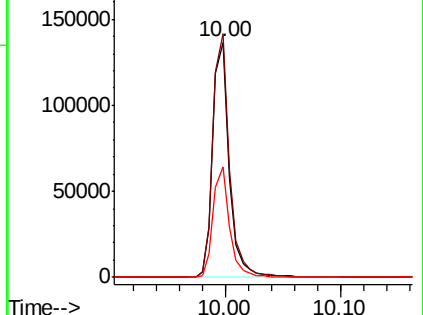
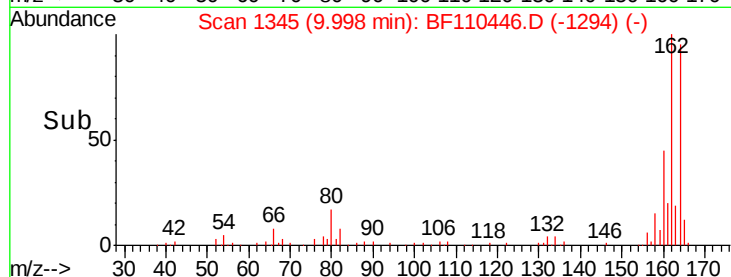
160 46.9 37.0 55.6



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: 85.963 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110446.D

Acq: 3 Nov 2018 8:04

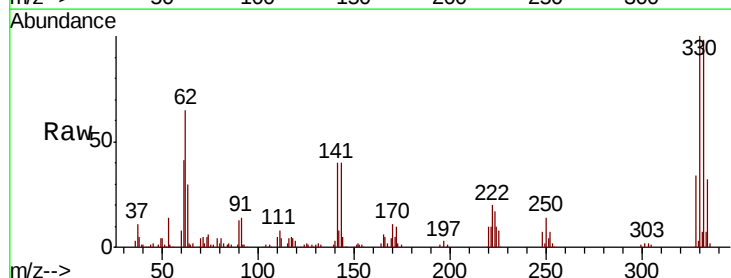
Tgt Ion:330 Resp: 115572

Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

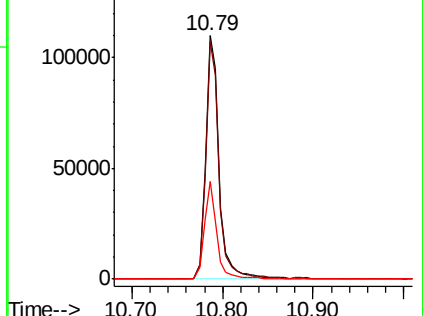
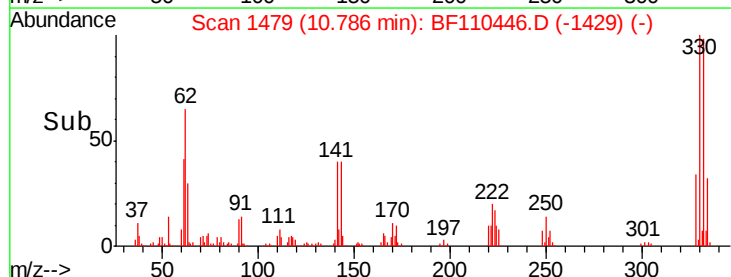
141 36.9 27.0 40.4



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: 114.347 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF110446.D

Acq: 3 Nov 2018 8:04

Instrument :

BNA_F

ClientSampleId :

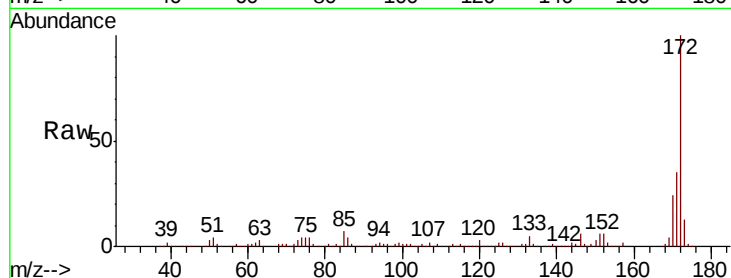
Tot Ion:172 Resp: 988352

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

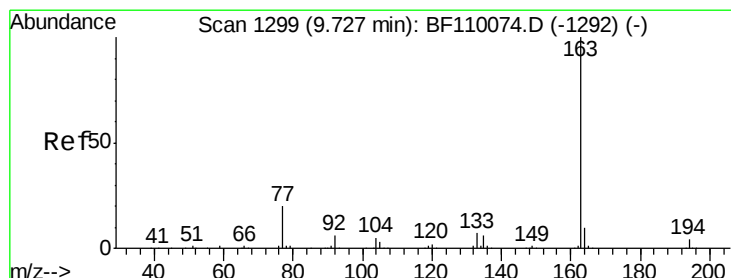
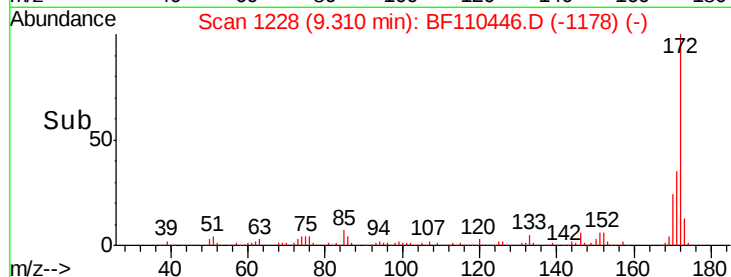
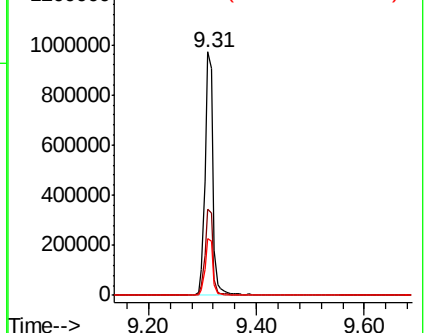
170 23.6 19.7 29.5



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: 2.890 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF110446.D

Acq: 3 Nov 2018 8:04

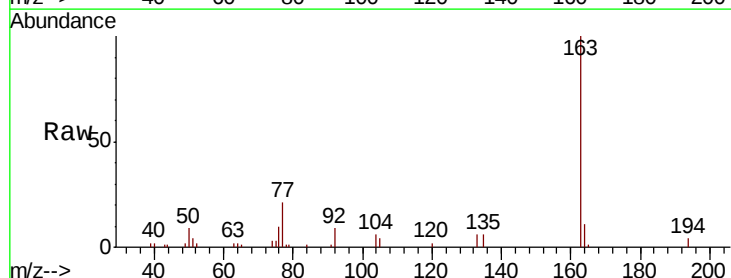
Tgt Ion:163 Resp: 28956

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

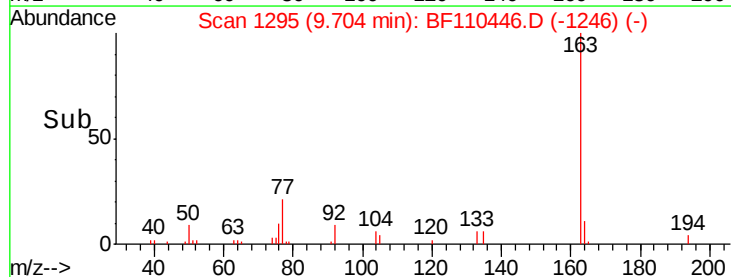
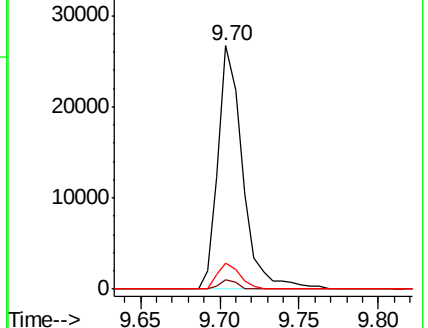
164 10.7 8.1 12.1

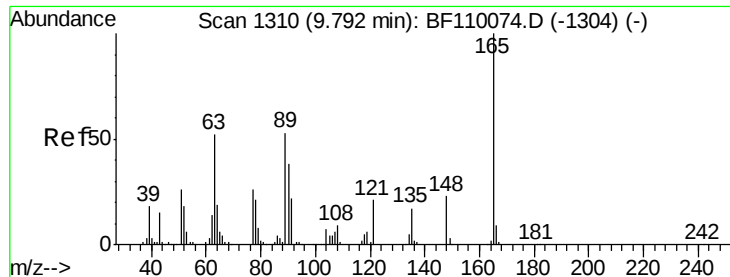


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 7.788 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.22 min

Lab File: BF110446.D

Acq: 3 Nov 2018 8:04

Instrument :

BNA_F

ClientSampleId :

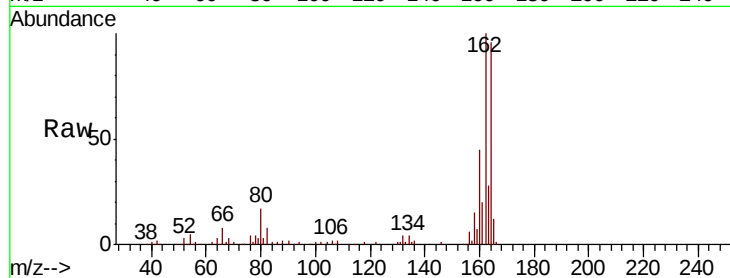
Tot Ion:165 Resp: 16807

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

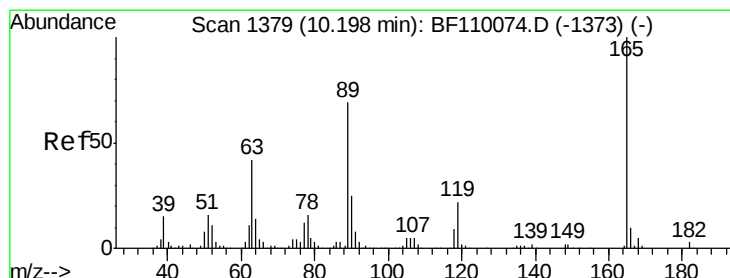
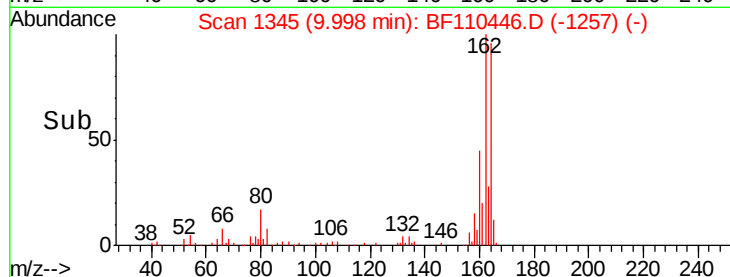
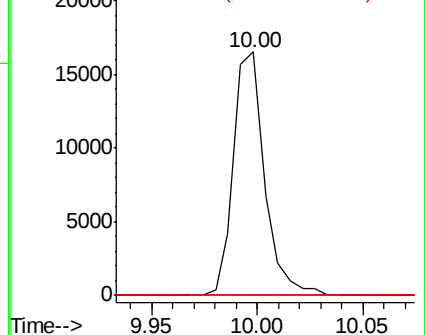
89 0.0 46.6 69.8#



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: 6.131 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.19 min

Lab File: BF110446.D

Acq: 3 Nov 2018 8:04

Tgt Ion:165 Resp: 16807

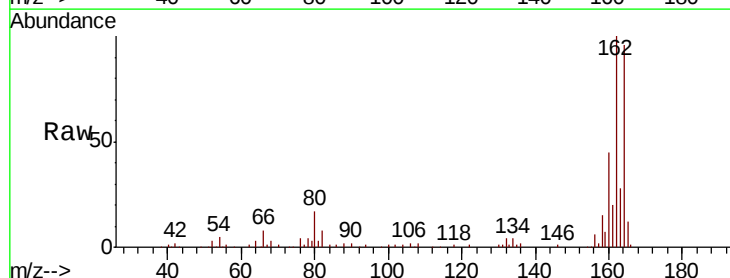
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

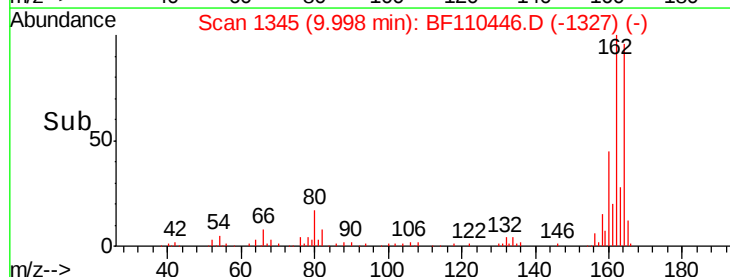
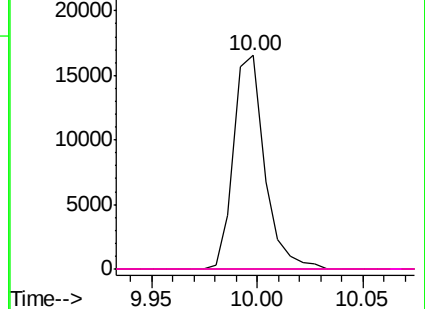


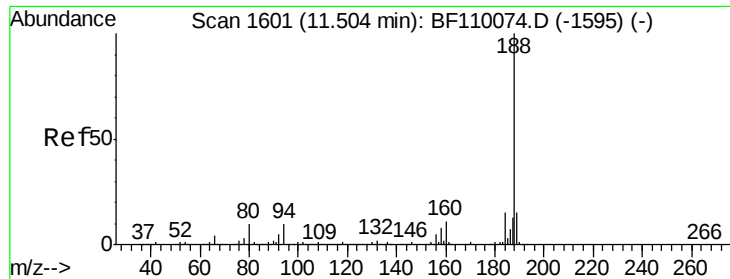
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110446.D

Acq: 3 Nov 2018 8:04

Instrument :

BNA_F

ClientSampled :

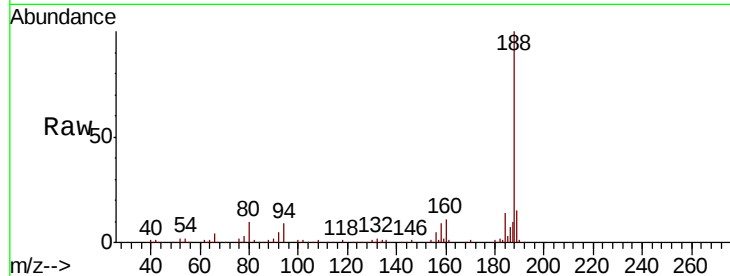
Tot Ion:188 Resp: 231486

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

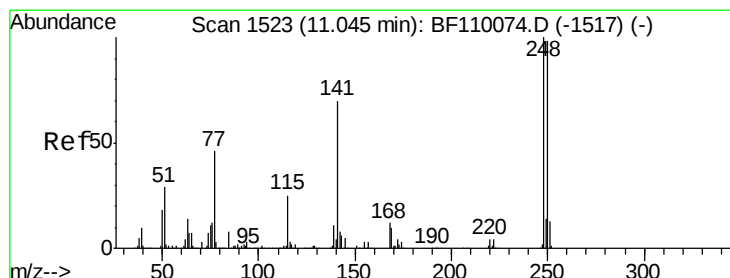
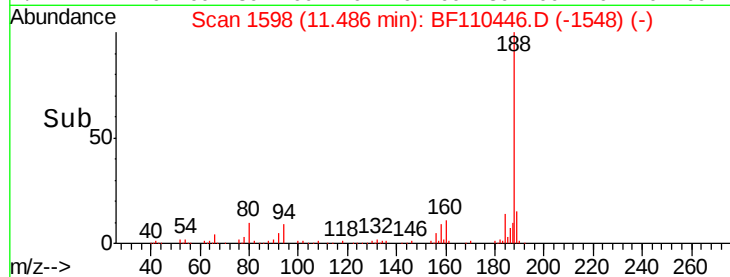
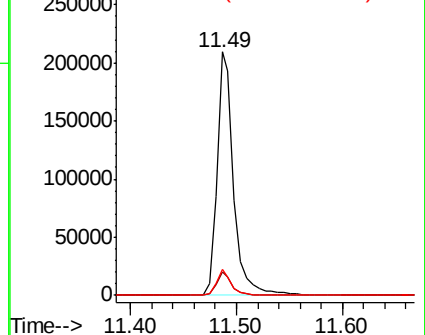
80 10.5 7.9 11.9



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: 2.834 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.24 min

Lab File: BF110446.D

Acq: 3 Nov 2018 8:04

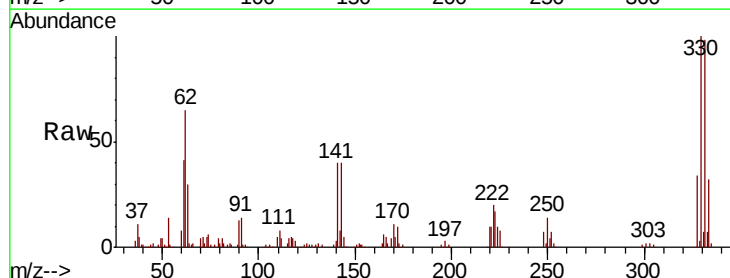
Tgt Ion:248 Resp: 7117

Ion Ratio Lower Upper

248 100

250 209.6 79.4 119.2#

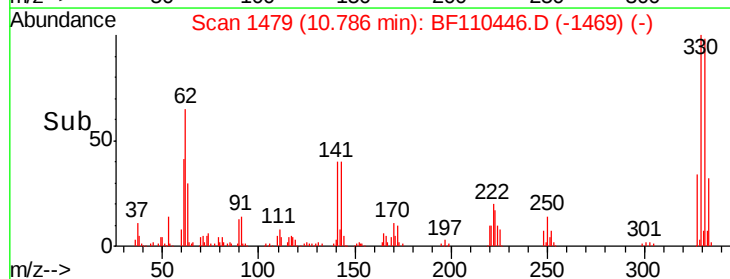
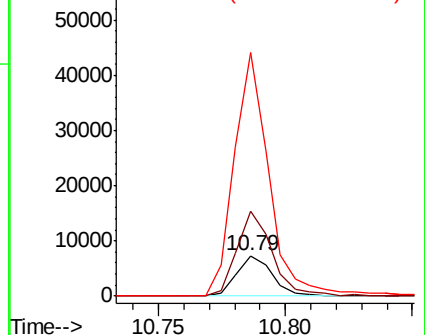
141 600.4 55.9 83.9#

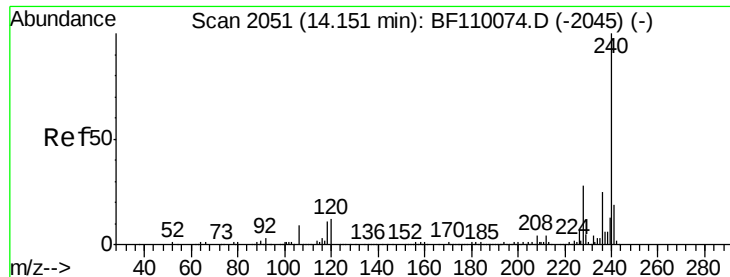


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

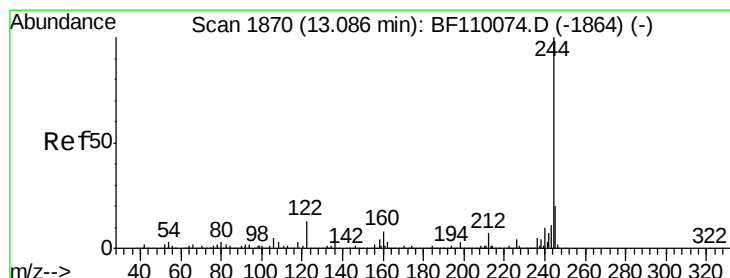
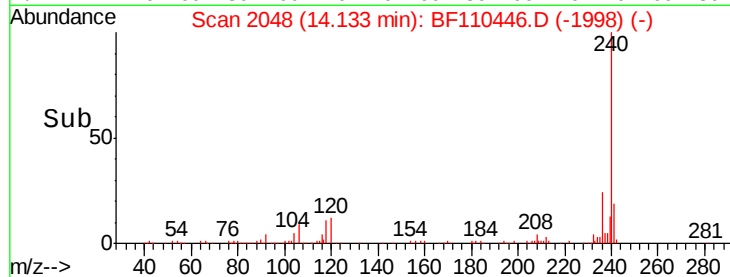
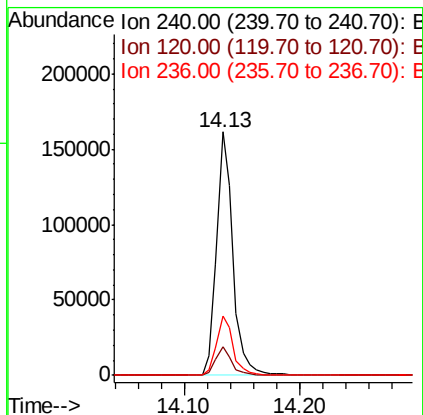
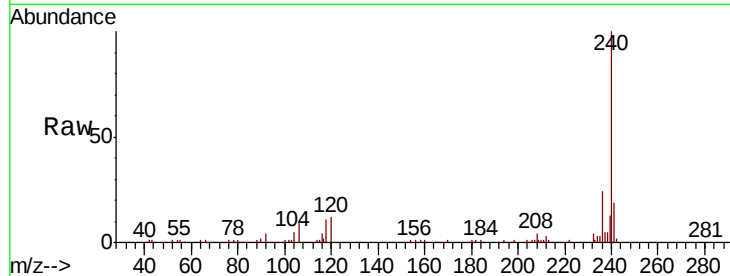




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110446.D
 Acq: 3 Nov 2018 8:04

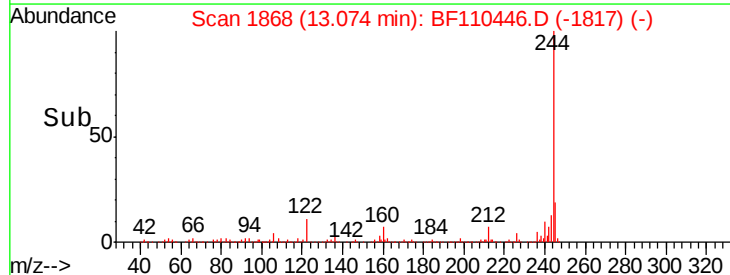
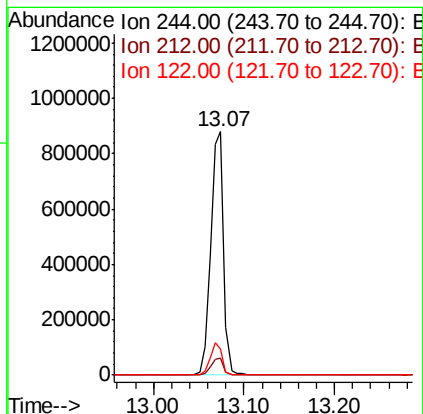
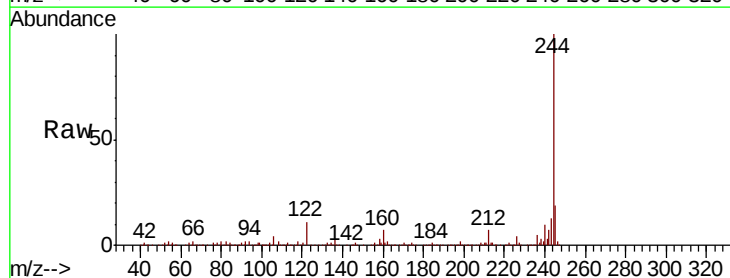
Instrument :
 BNA_F
 ClientSampleId :

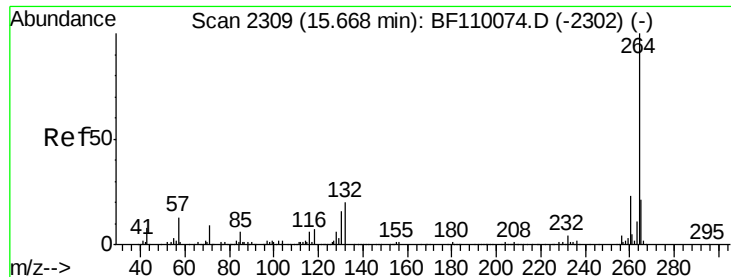
Tot Ion:240 Resp: 158515
 Ion Ratio Lower Upper
 240 100
 120 11.7 8.3 12.5
 236 24.4 21.2 31.8



#79
 Terphenyl-d14
 Concen: 114.447 ng
 RT: 13.07 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: BF110446.D
 Acq: 3 Nov 2018 8:04

Tgt Ion:244 Resp: 872312
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 10.5 8.7 13.1

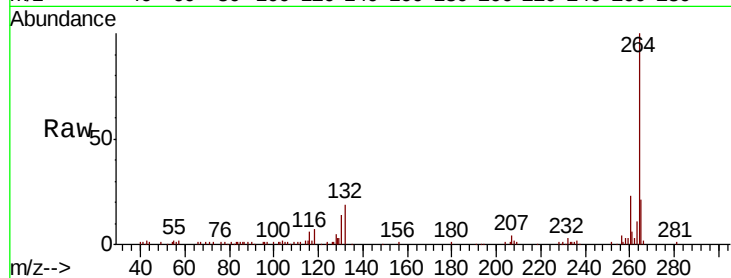




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110446.D
Acq: 3 Nov 2018 8:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.2	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

