

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110372.D
 Acq On : 1 Nov 2018 16:50
 Operator : JU/SJ
 Sample : J5741-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 04:10:14 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

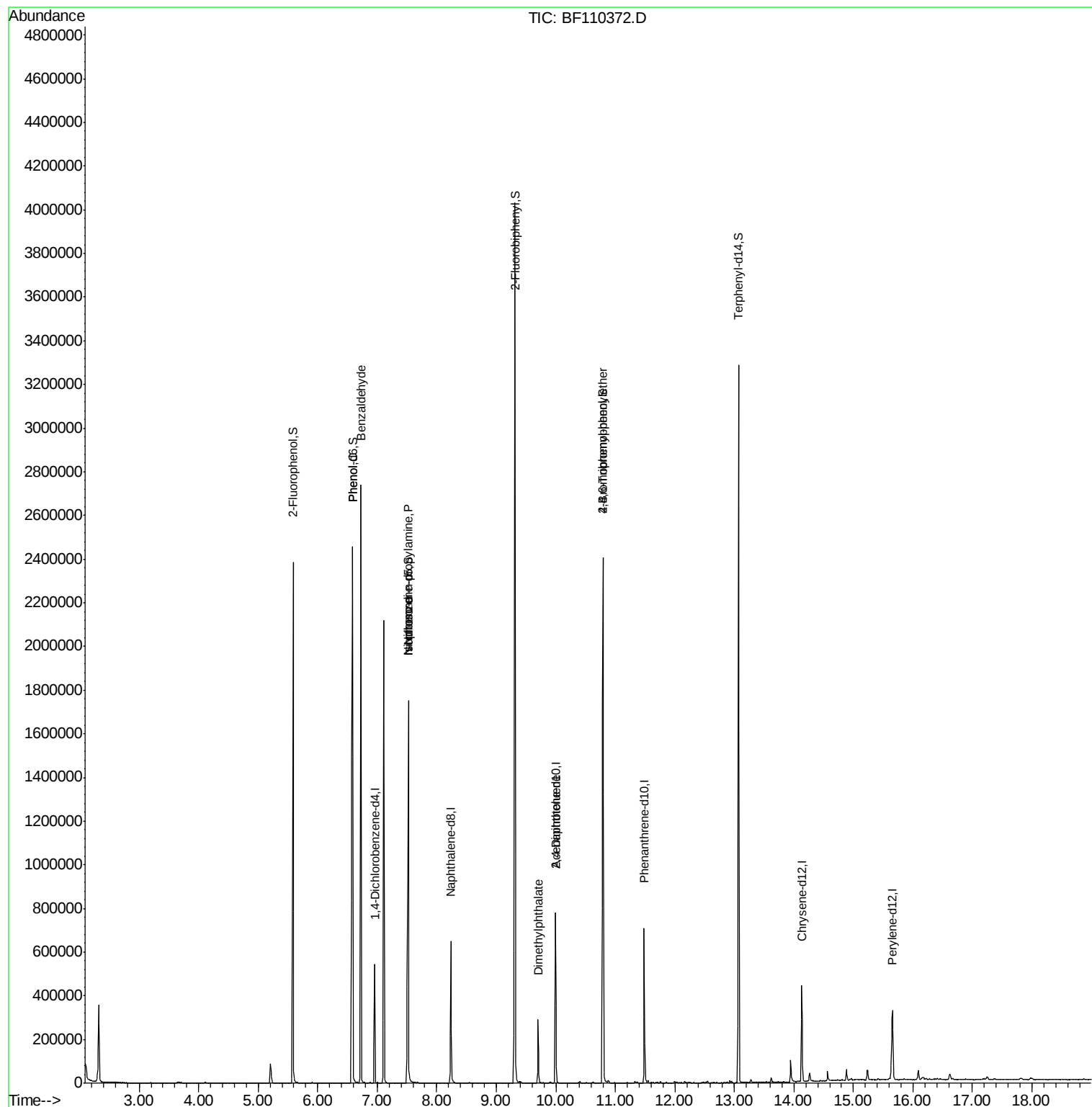
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	83097	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	339930	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	160933	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	285102	20.00	ng	0.00
76) Chrysene-d12	14.13	240	150728	20.00	ng	0.00
87) Perylene-d12	15.66	264	160887	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	656460	128.65	ng	0.01
7) Phenol-d6	6.59	99	971177	148.80	ng	0.00
23) Nitrobenzene-d5	7.52	82	647031	112.90	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	297922	186.88	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	1322334	129.02	ng	0.00
79) Terphenyl-d14	13.07	244	1111421	153.35	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	17162	2.925	ng	81
10) Phenol	6.59	94	29005	4.157	ng	82
19) n-Nitroso-di-n-propylamine	7.52	70	87226	20.831	ng	# 79
25) Isophorone	7.52	82	647021	66.230	ng	# 67
50) Dimethylphthalate	9.70	163	126795	10.673	ng	98
57) 2,4-Dinitrotoluene	10.00	165	20701	6.369	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	19100	6.176	ng	# 1

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

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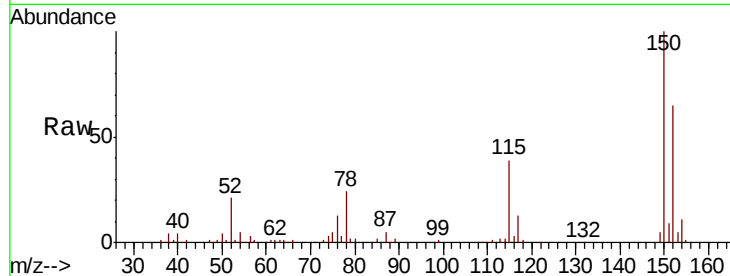


#1

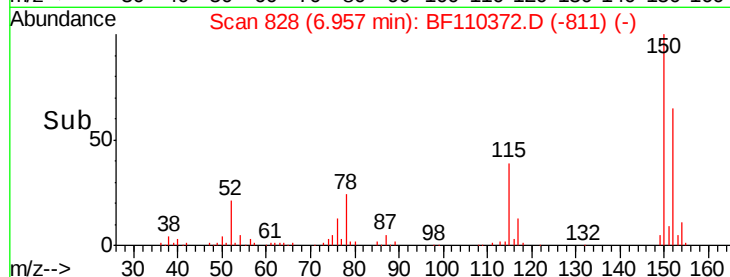
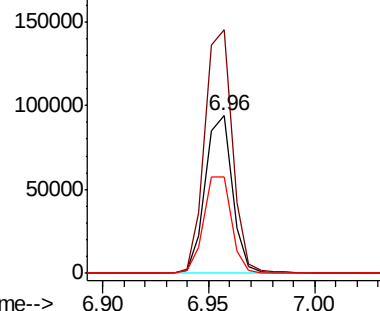
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF110372.D
 Acq: 1 Nov 2018 16:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	122.7	184.1
115	60.9	49.1	73.7



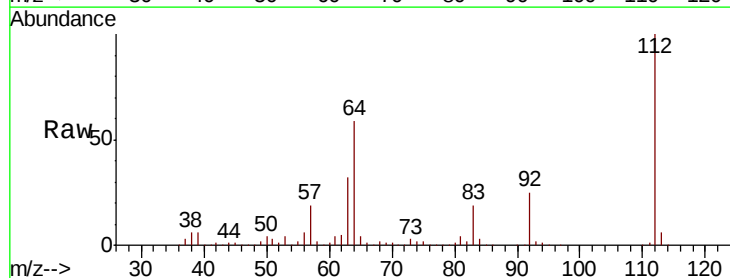
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



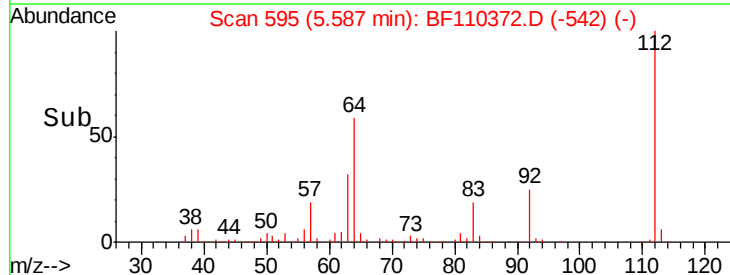
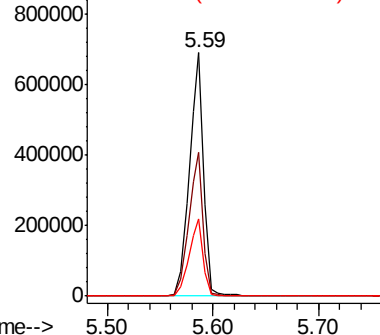
#5

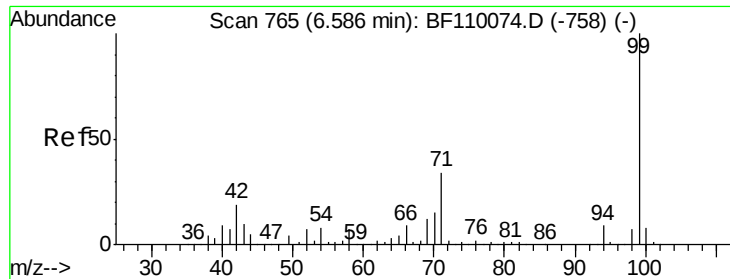
2-Fluorophenol
 Concen: 128.646 ng
 RT: 5.59 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: BF110372.D
 Acq: 1 Nov 2018 16:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	44.1	66.1
63	31.6	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: 148.796 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110372.D

Acq: 1 Nov 2018 16:50

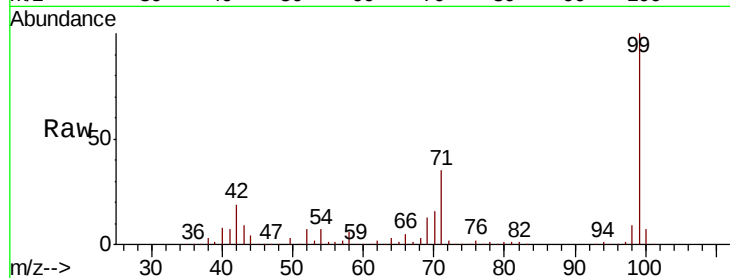
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 971177

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.8	23.6
71	35.5	28.0	42.0

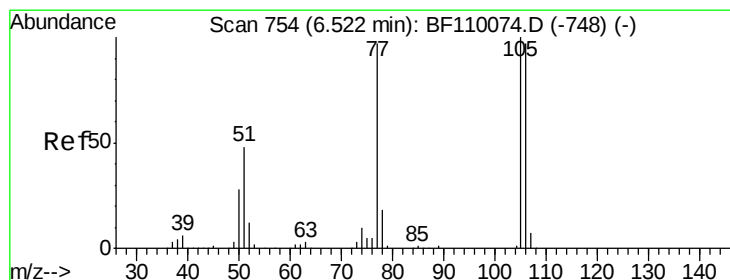
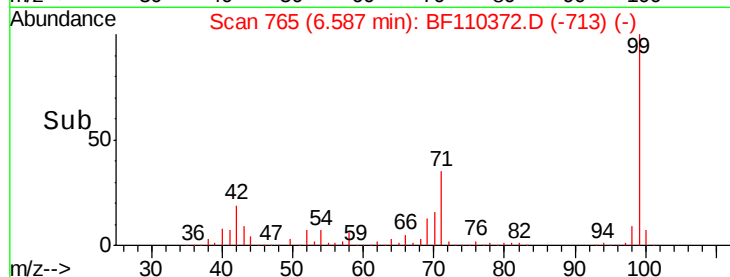
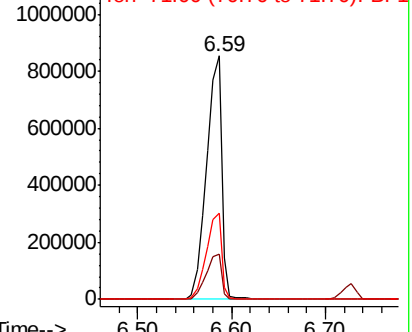


Abundance

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



#9

Benzaldehyde

Concen: 2.925 ng

RT: 6.73 min Scan# 789

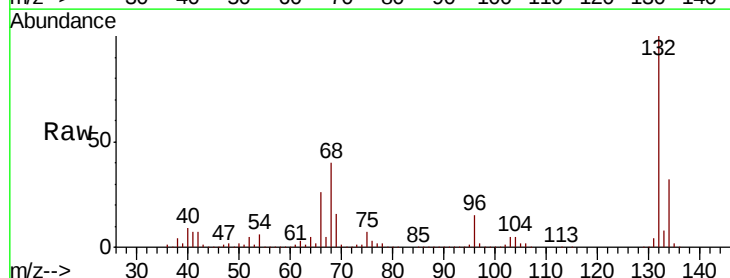
Delta R.T. 0.22 min

Lab File: BF110372.D

Acq: 1 Nov 2018 16:50

Tgt Ion: 77 Resp: 17162

Ion	Ratio	Lower	Upper
77	100		
105	80.6	78.6	118.6
106	76.4	74.8	114.8

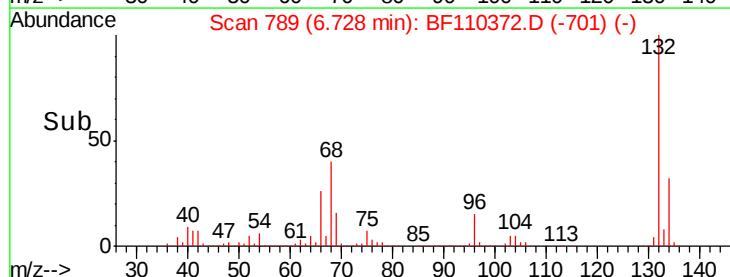
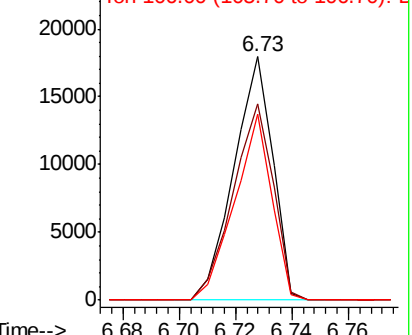


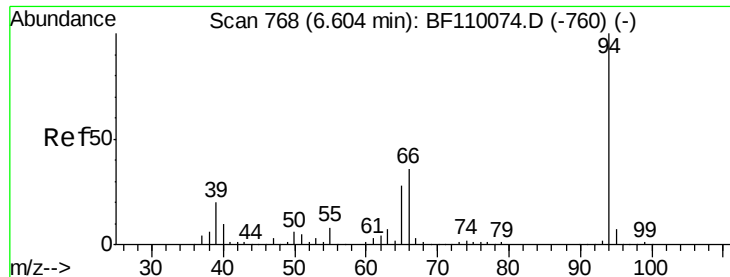
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 4.157 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110372.D

Acq: 1 Nov 2018 16:50

Instrument :

BNA_F

ClientSampleId :

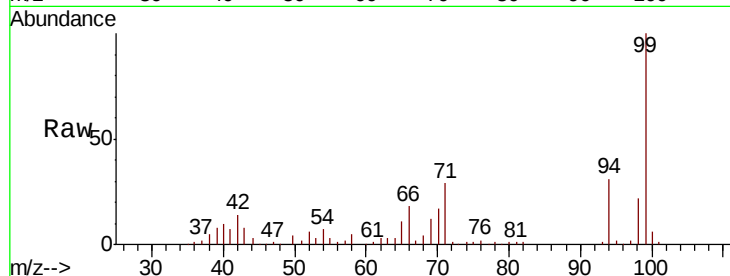
Tot Ion: 94 Resp: 29005

Ion Ratio Lower Upper

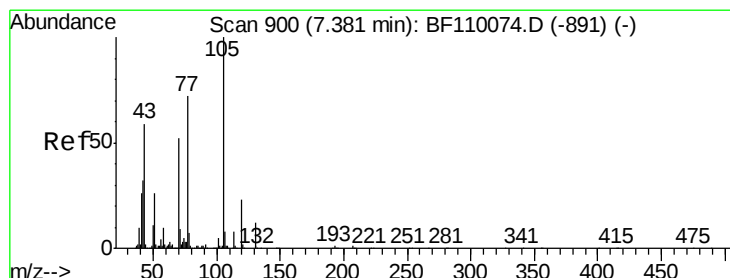
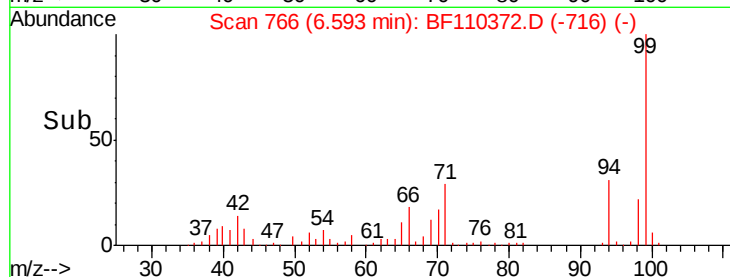
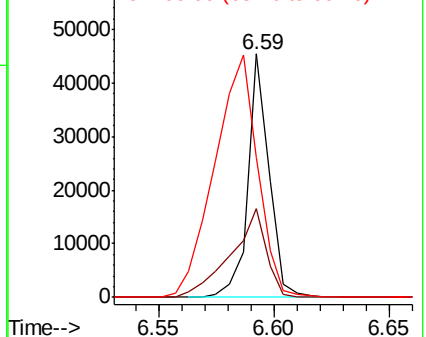
94 100

65 36.5 25.3 65.3

66 57.4 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: 20.831 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.16 min

Lab File: BF110372.D

Acq: 1 Nov 2018 16:50

Tgt Ion: 70 Resp: 87226

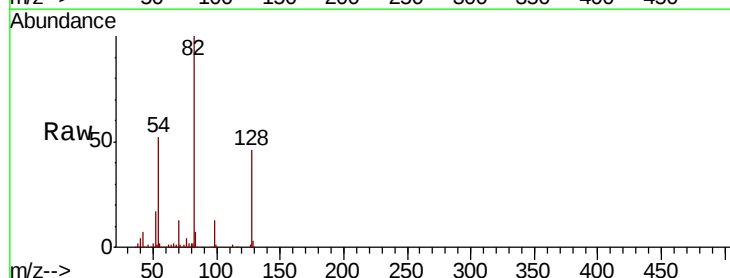
Ion Ratio Lower Upper

70 100

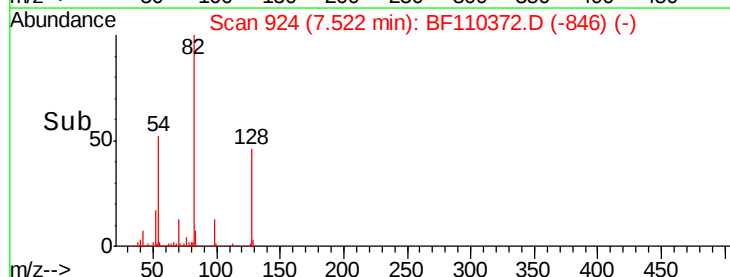
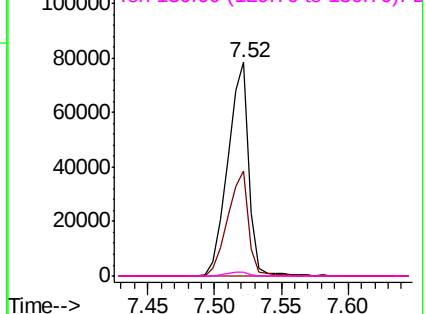
42 49.3 47.4 71.2

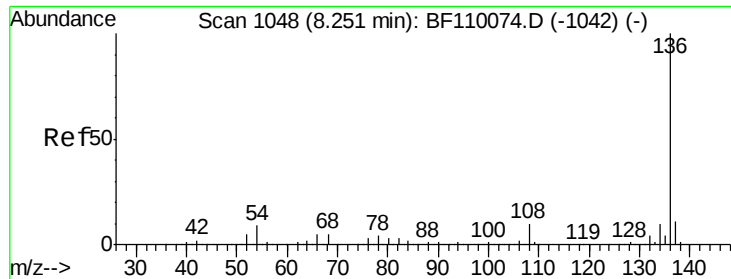
101 0.0 7.3 10.9#

130 1.7 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

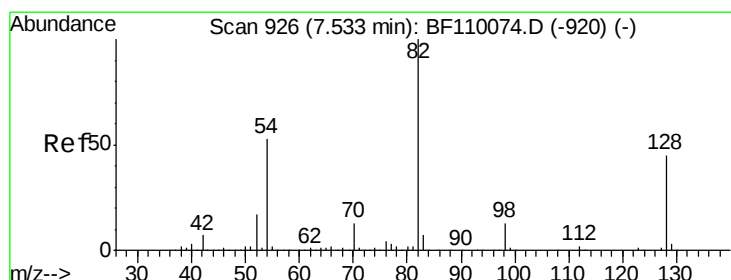
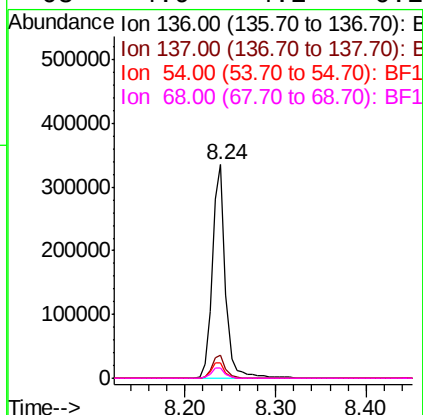
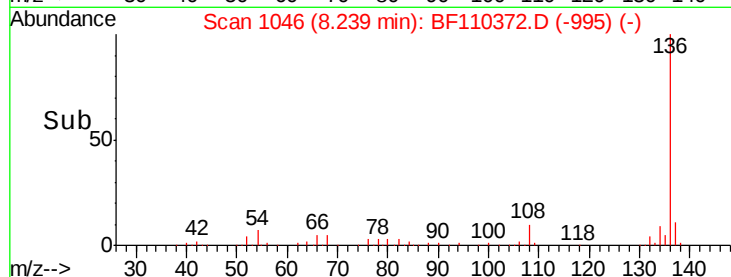
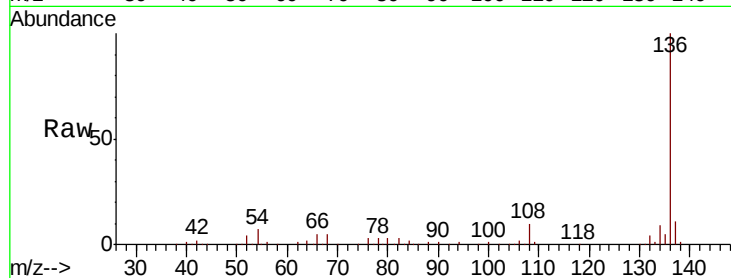




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110372.D
Acq: 1 Nov 2018 16:50

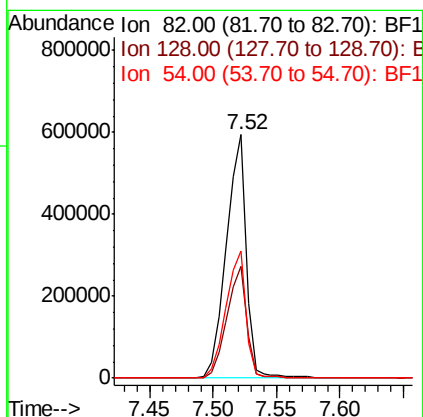
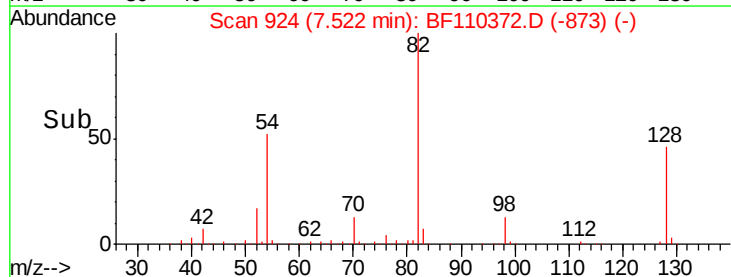
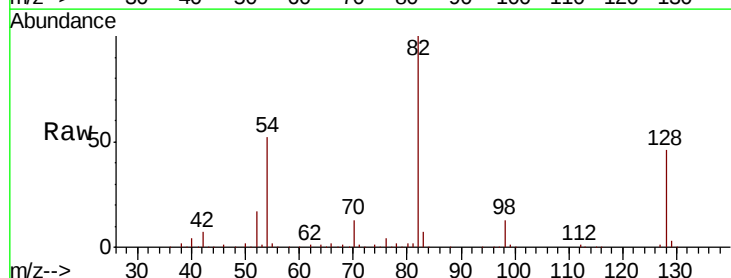
Instrument :
BNA_F
ClientSampleId :

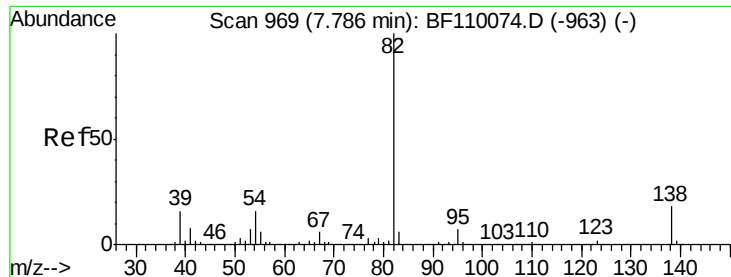
Tot Ion:136	Resp:	339930
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	7.4	5.4 8.2
68	4.9	4.2 6.2



#23
Nitrobenzene-d5
Concen: 112.898 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110372.D
Acq: 1 Nov 2018 16:50

Tgt Ion: 82	Resp:	647031
Ion Ratio	Lower	Upper
82	100	
128	46.1	34.2 51.2
54	52.1	38.6 58.0





#25

Isophorone

Concen: 66.230 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.25 min

Lab File: BF110372.D

Acq: 1 Nov 2018 16:50

Instrument :

BNA_F

ClientSampleId :

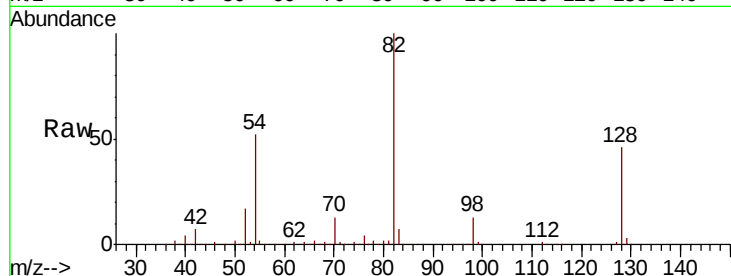
Tot Ion: 82 Resp: 647021

Ion Ratio Lower Upper

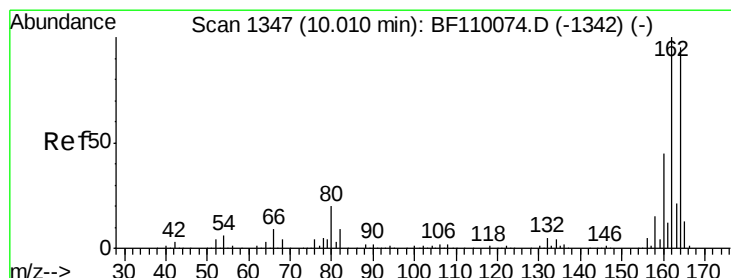
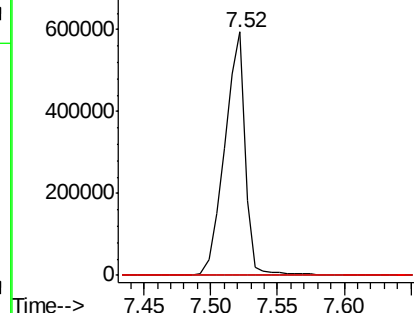
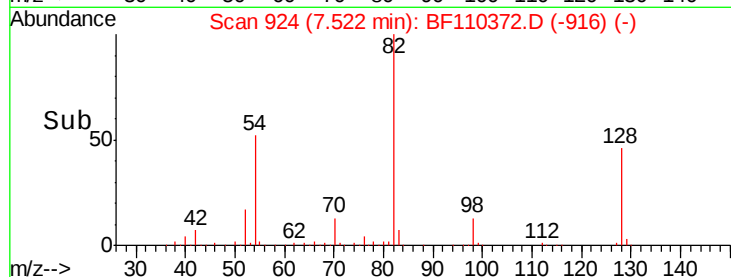
82 100

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: BF110372.D

Acq: 1 Nov 2018 16:50

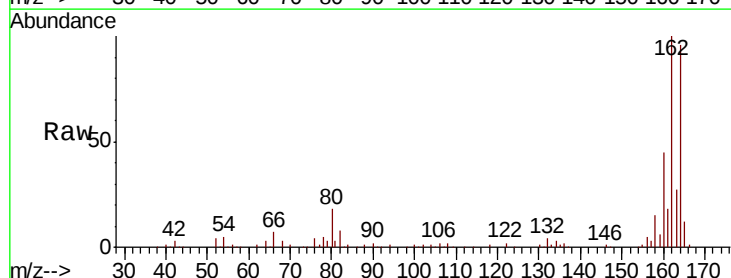
Tgt Ion:164 Resp: 160933

Ion Ratio Lower Upper

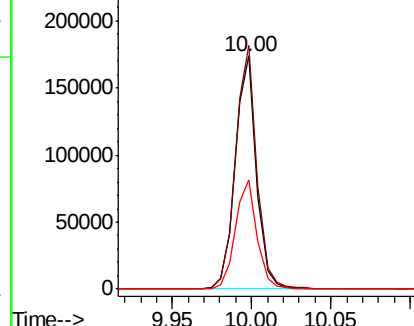
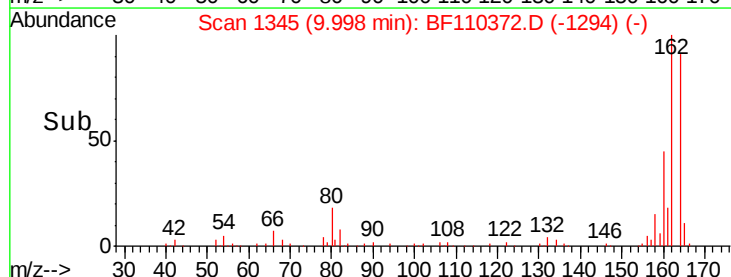
164 100

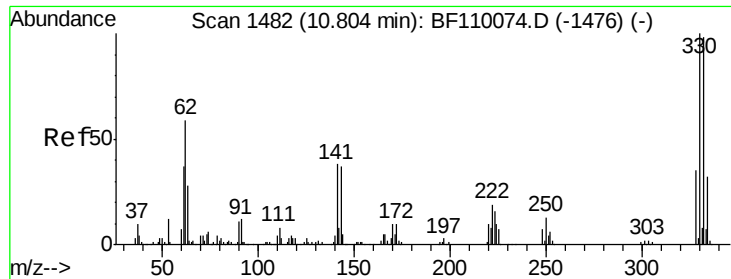
162 104.5 83.0 124.6

160 46.8 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

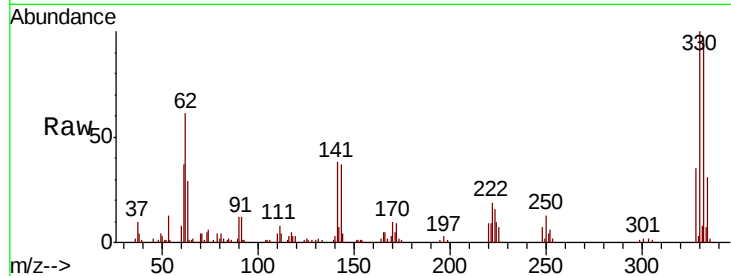




#42
 2,4,6-Tribromophenol
 Concen: 186.885 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF110372.D
 Acq: 1 Nov 2018 16:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.1	115.7
141	36.7	27.0	40.4

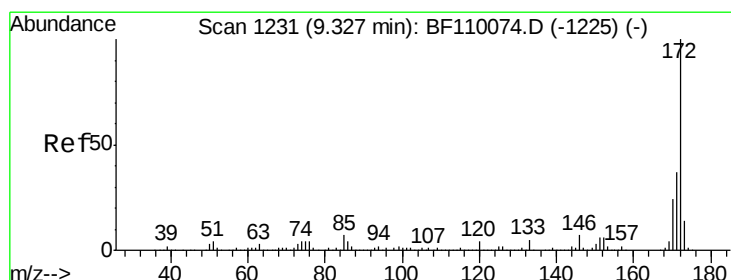
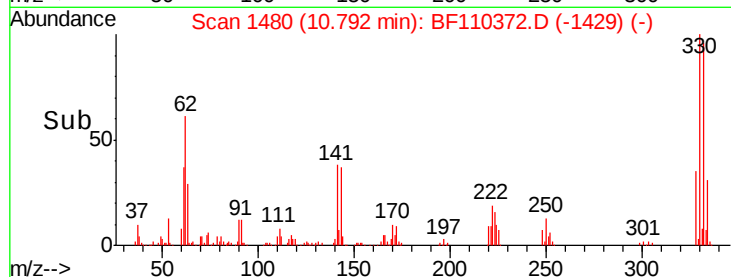
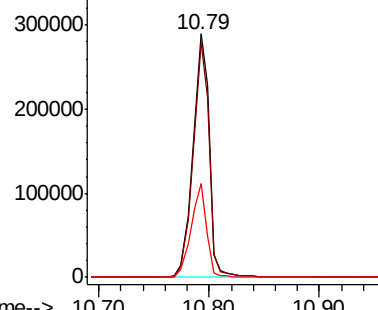


Abundance

Ion 329.80 (329.50 to 330.50): E

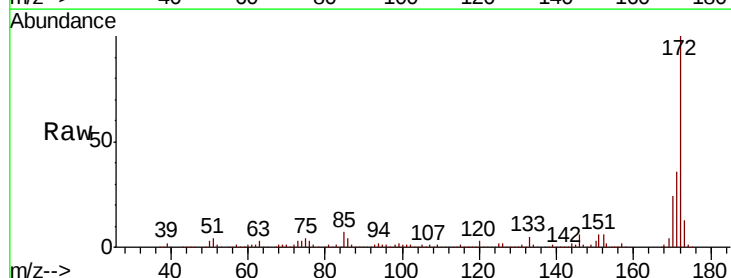
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 129.023 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF110372.D
 Acq: 1 Nov 2018 16:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.2	19.7	29.5

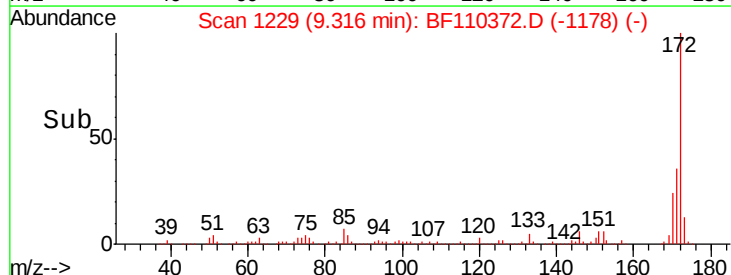
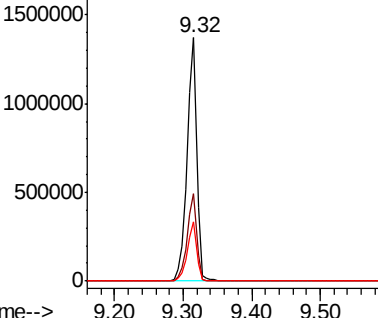


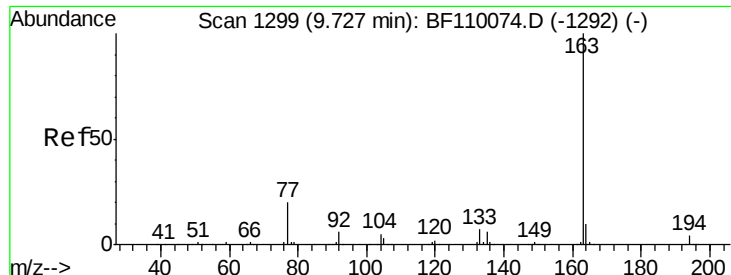
Abundance

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

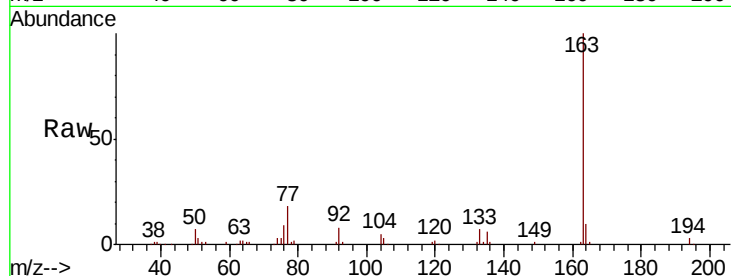




#50
Dimethylphthalate
Concen: 10.673 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110372.D
Acq: 1 Nov 2018 16:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	9.5	8.1	12.1

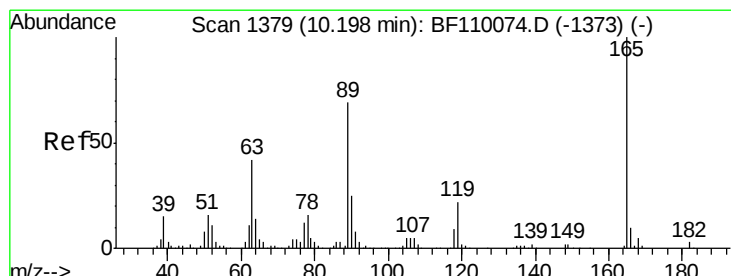
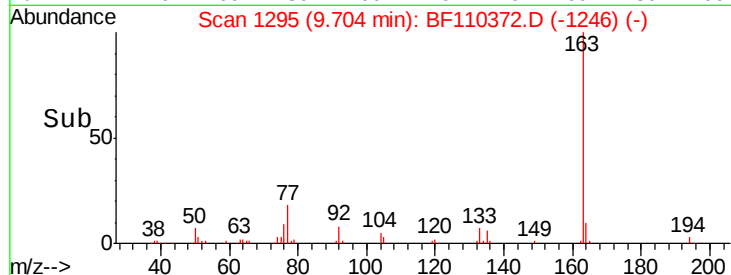
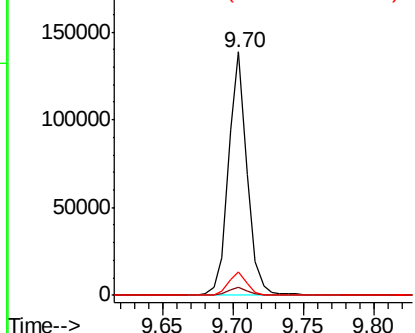


Abundance

Ion 163.00 (162.70 to 163.70): E

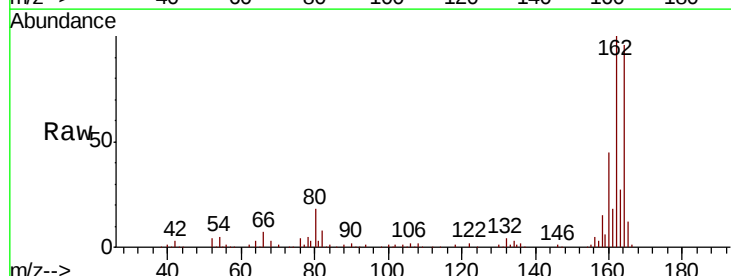
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57
2,4-Dinitrotoluene
Concen: 6.369 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.19 min
Lab File: BF110372.D
Acq: 1 Nov 2018 16:50

Tgt 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#



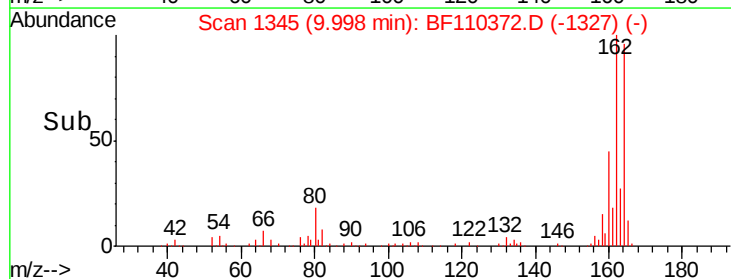
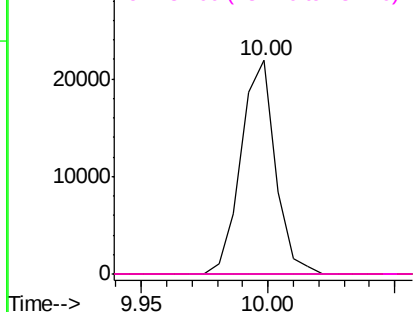
Abundance

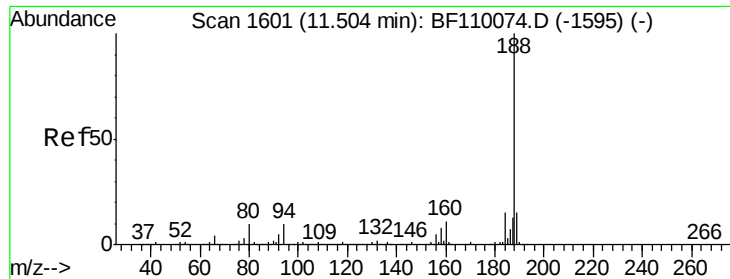
Ion 165.00 (164.70 to 165.70): E

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: BF110372.D

Acq: 1 Nov 2018 16:50

Instrument :

BNA_F

ClientSampleId :

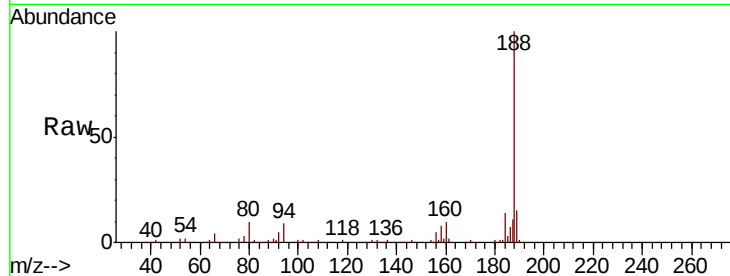
Tot Ion:188 Resp: 285102

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

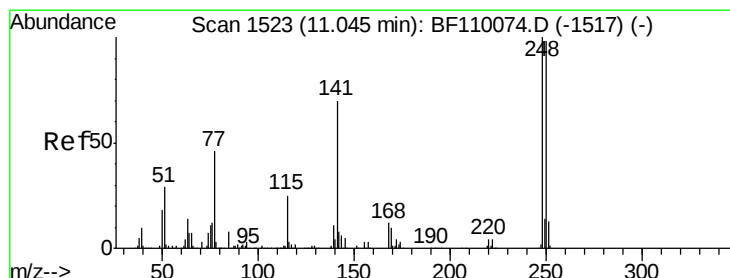
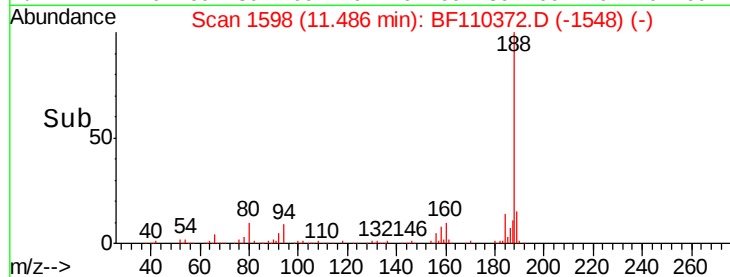
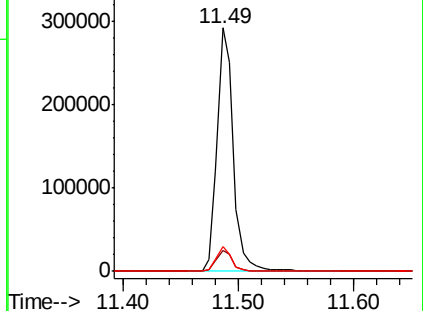
80 10.2 7.9 11.9



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: 6.176 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.24 min

Lab File: BF110372.D

Acq: 1 Nov 2018 16:50

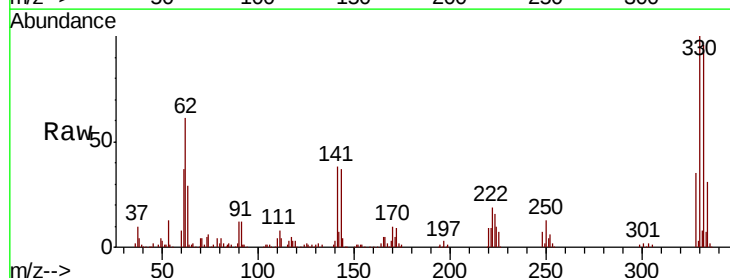
Tgt Ion:248 Resp: 19100

Ion Ratio Lower Upper

248 100

250 188.4 79.4 119.2#

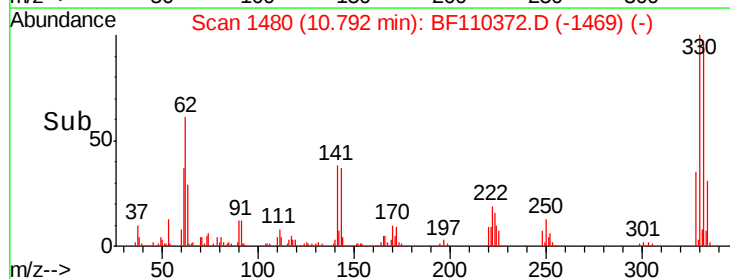
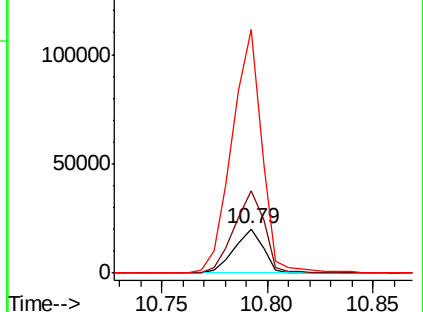
141 553.1 55.9 83.9#

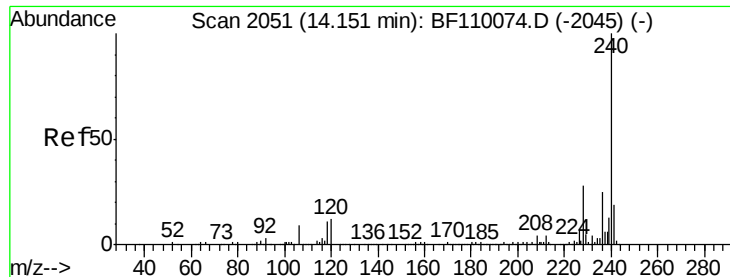


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110372.D

Acq: 1 Nov 2018 16:50

Instrument :

BNA_F

ClientSampleId :

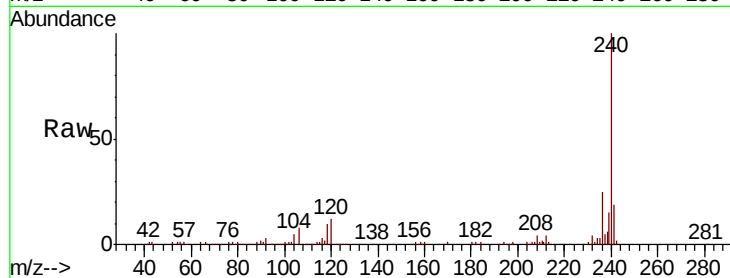
Tot Ion:240 Resp: 150728

Ion Ratio Lower Upper

240 100

120 11.5 8.3 12.5

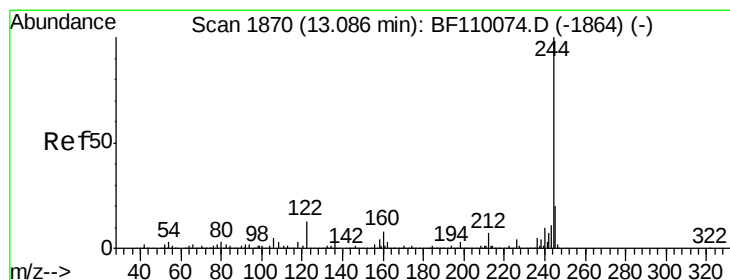
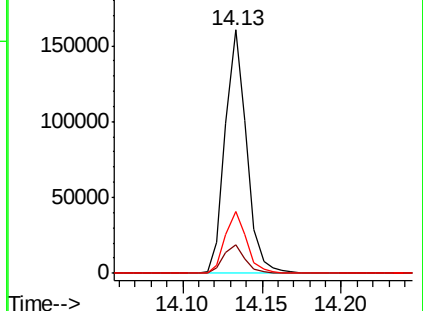
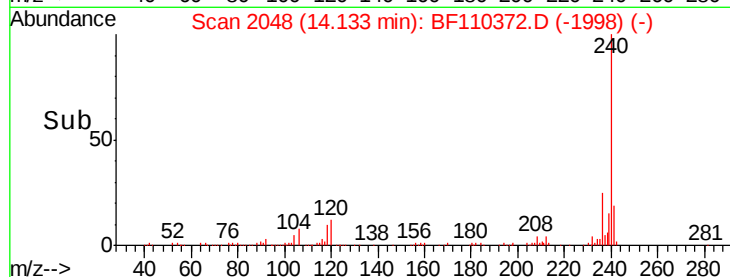
236 25.3 21.2 31.8



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: 153.351 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF110372.D

Acq: 1 Nov 2018 16:50

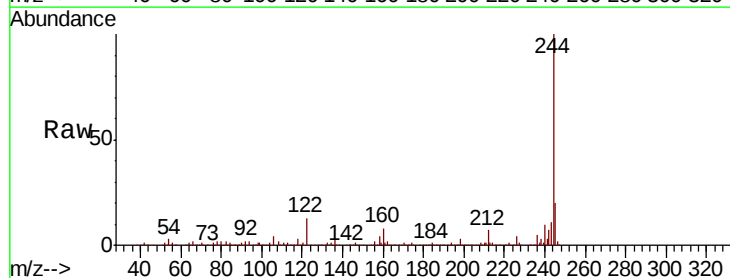
Tgt Ion:244 Resp: 1111421

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

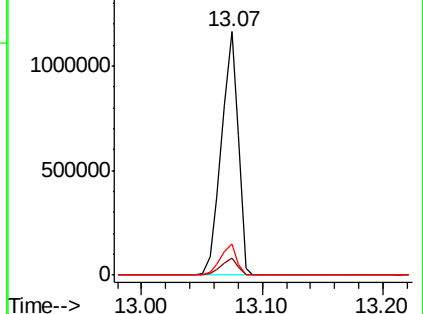
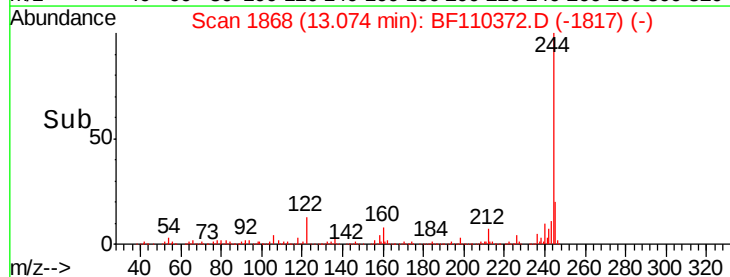
122 12.9 8.7 13.1

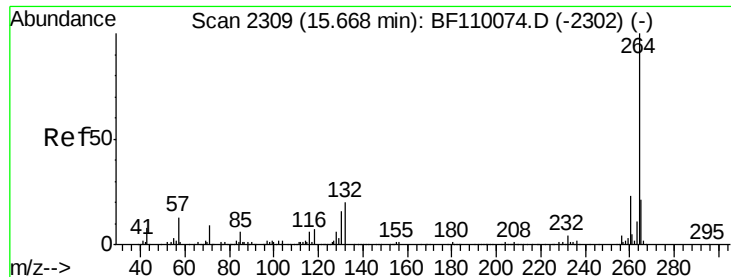


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

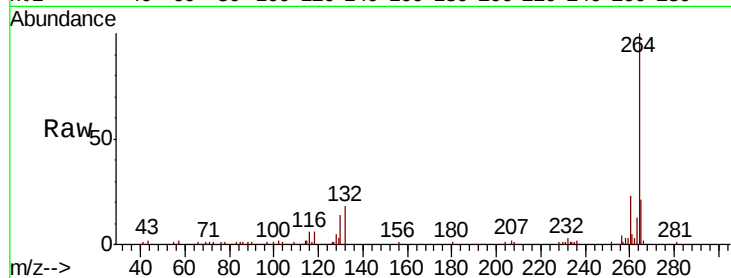




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110372.D
 Acq: 1 Nov 2018 16:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.1	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

