

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110370.D
 Acq On : 1 Nov 2018 15:55
 Operator : JU/SJ
 Sample : J5741-55
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 04:09:53 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

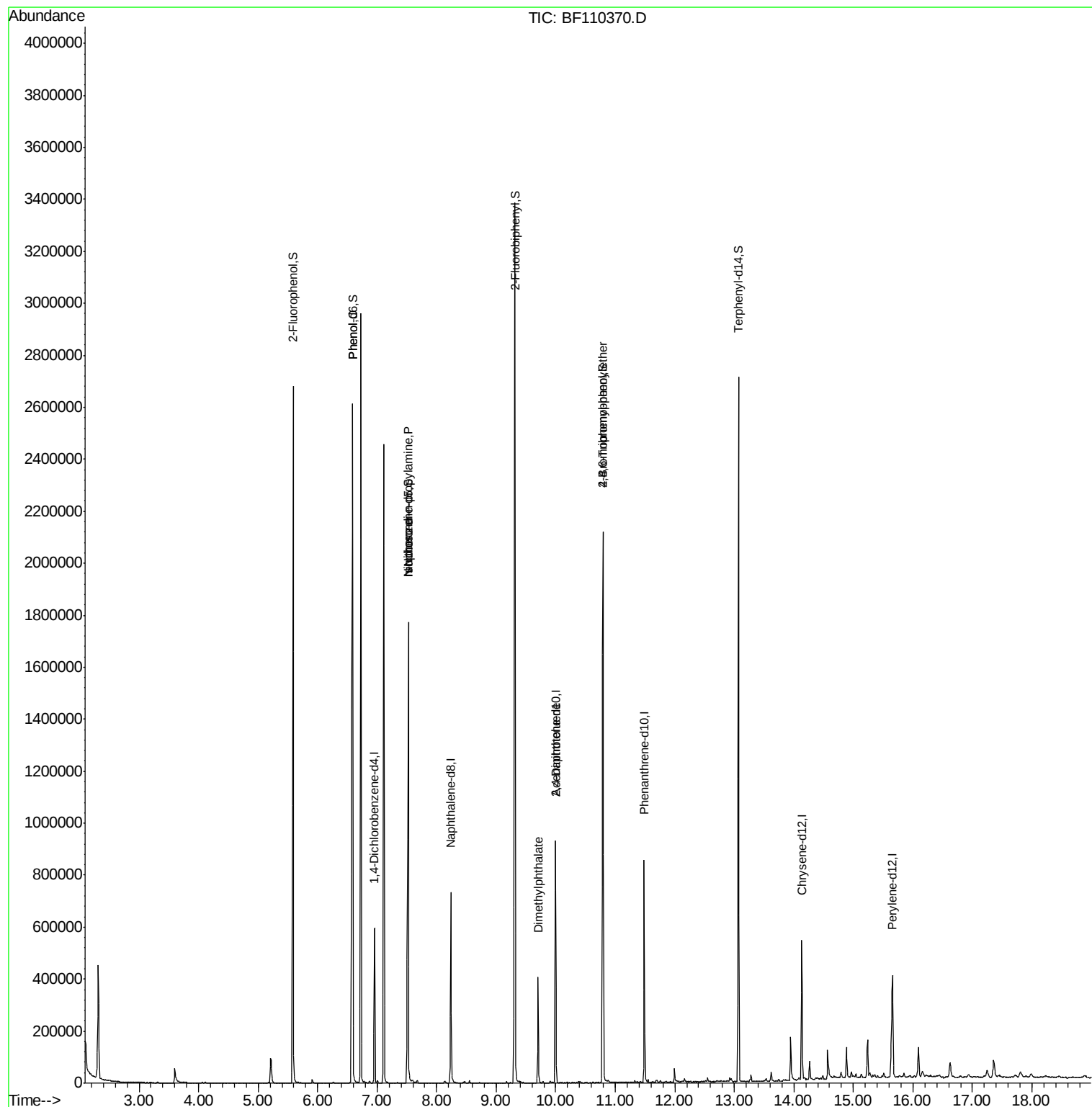
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	93834	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	381943	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	184217	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	323801	20.00	ng	0.00
76) Chrysene-d12	14.13	240	175067	20.00	ng	0.00
87) Perylene-d12	15.66	264	184383	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	807930	140.21	ng	0.01
7) Phenol-d6	6.59	99	1014376	137.63	ng	0.00
23) Nitrobenzene-d5	7.52	82	648339	100.68	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	253637	139.00	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	1209038	103.06	ng	0.00
79) Terphenyl-d14	13.07	244	924099	109.78	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	2032	Below Cal		Qvalue
10) Phenol	6.59	94	61570	7.815	ng	# 1
19) n-Nitroso-di-n-propylamine	7.52	70	87265	18.456	ng	# 77
25) Isophorone	7.52	82	648333	59.064	ng	# 67
50) Dimethylphthalate	9.70	163	182407	13.414	ng	100
57) 2,4-Dinitrotoluene	10.00	165	22784	6.124	ng	# 19
67) 4-Bromophenyl-phenylether	10.79	248	16270	4.632	ng	# 1

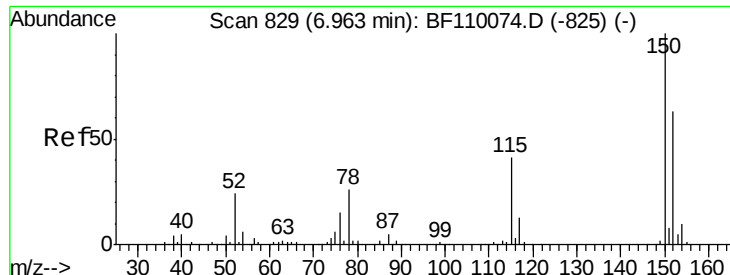
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110370.D
Acq On : 1 Nov 2018 15:55
Operator : JU/SJ
Sample : J5741-55
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 02 04:09:53 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



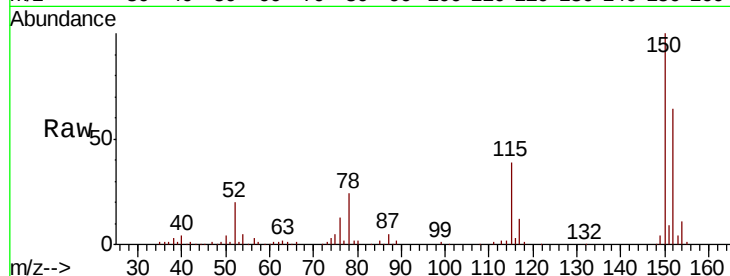


#1

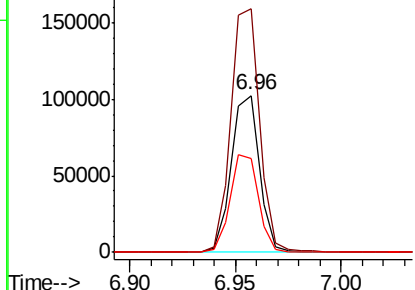
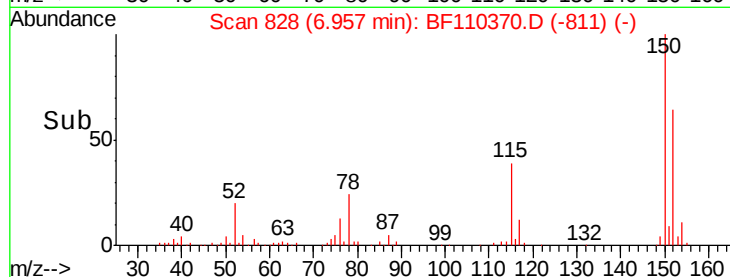
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF110370.D
 Acq: 1 Nov 2018 15:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 93834
 Ion Ratio Lower Upper
 152 100
 150 155.4 122.7 184.1
 115 60.0 49.1 73.7



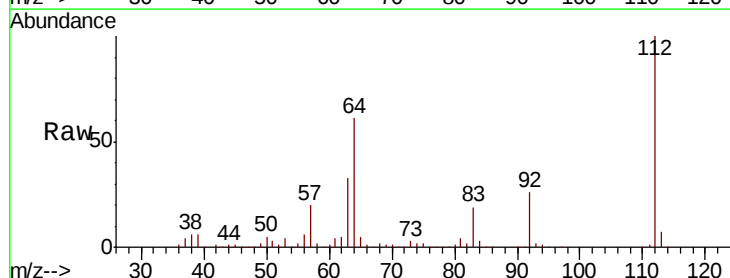
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



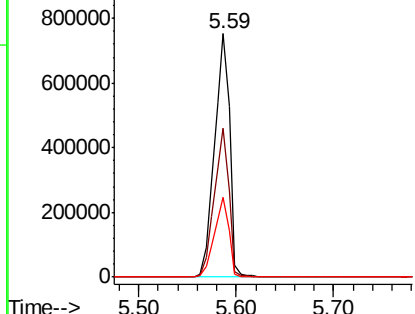
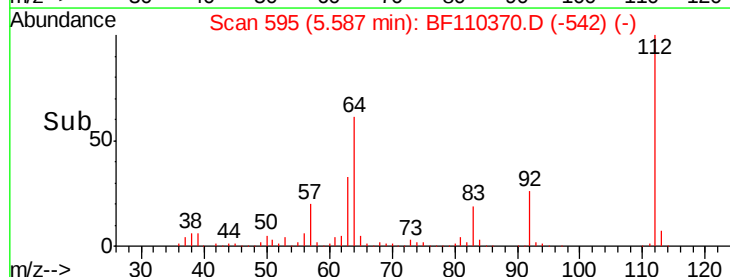
#5

2-Fluorophenol
 Concen: 140.213 ng
 RT: 5.59 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: BF110370.D
 Acq: 1 Nov 2018 15:55

Tgt Ion:112 Resp: 807930
 Ion Ratio Lower Upper
 112 100
 64 60.9 44.1 66.1
 63 32.7 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: 137.631 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110370.D

Acq: 1 Nov 2018 15:55

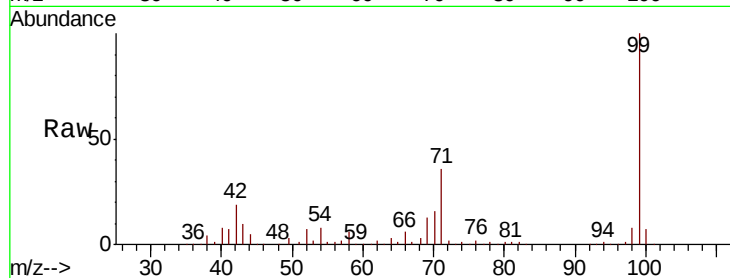
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1014376

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.8	23.6
71	35.9	28.0	42.0

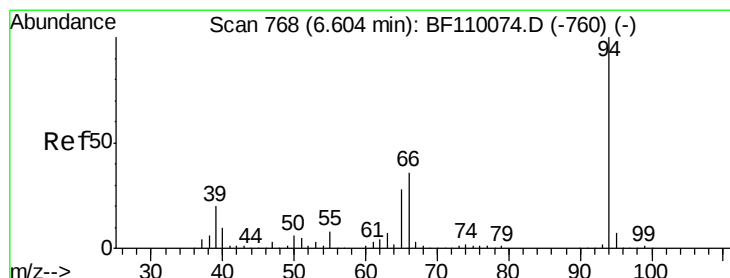
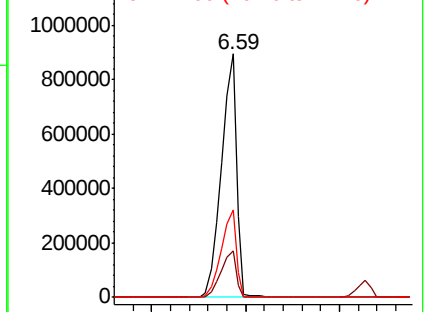
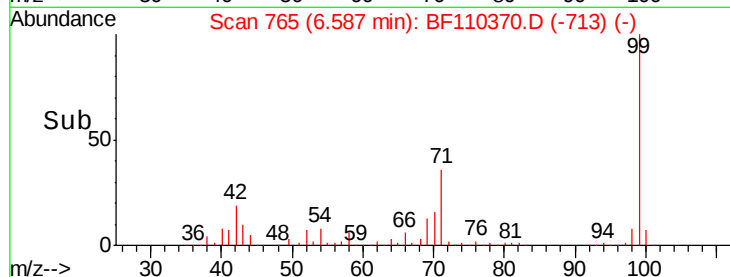


Abundance

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: 7.815 ng

RT: 6.59 min Scan# 766

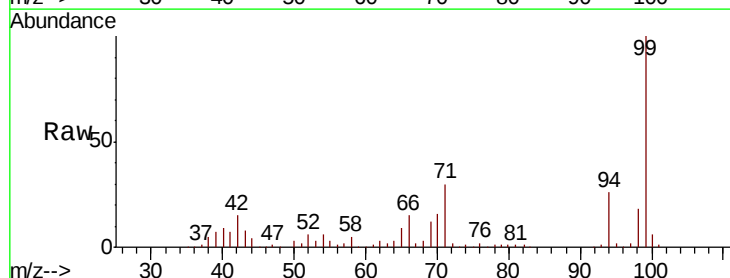
Delta R.T. -0.01 min

Lab File: BF110370.D

Acq: 1 Nov 2018 15:55

Tgt Ion: 94 Resp: 61570

Ion	Ratio	Lower	Upper
94	100		
65	34.7	25.3	65.3
66	58.8	54.5	94.5

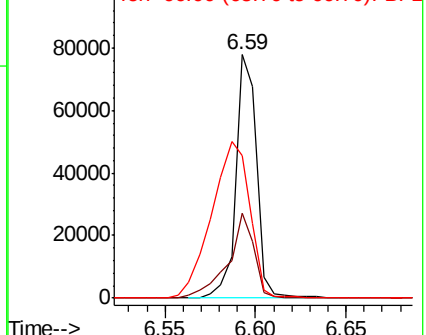
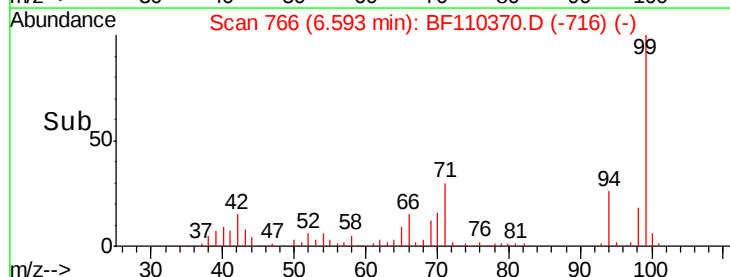


Abundance

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

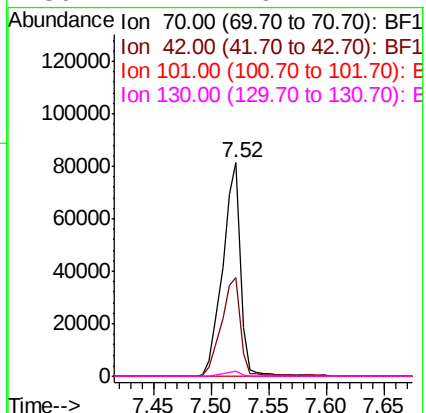
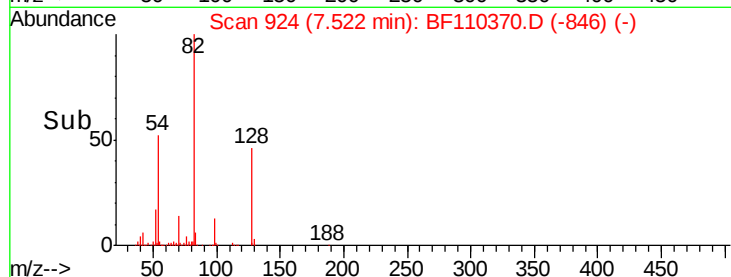
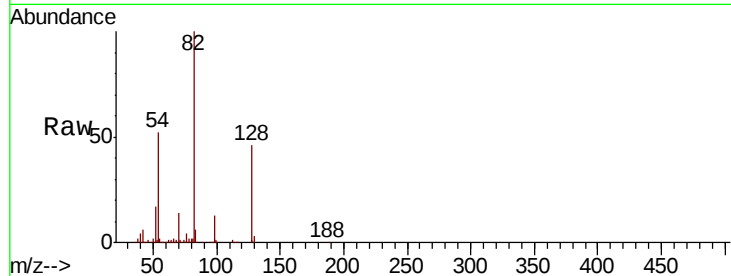




#19
n-Nitroso-di-n-propylamine
Concen: 18.456 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110370.D
Acq: 1 Nov 2018 15:55

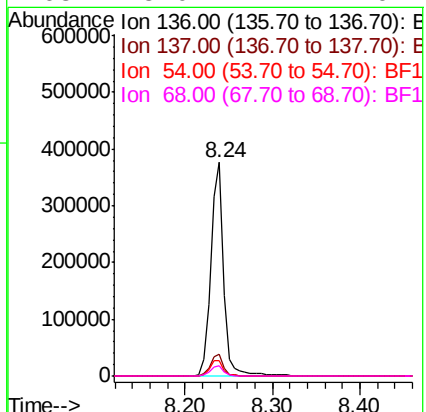
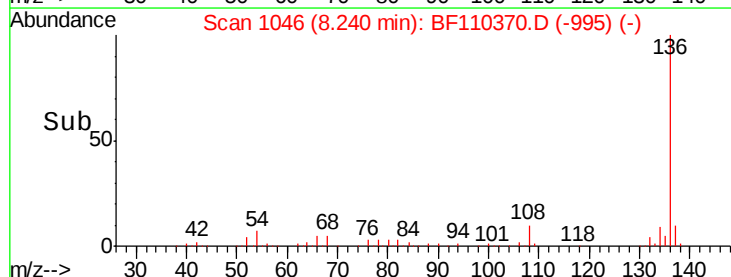
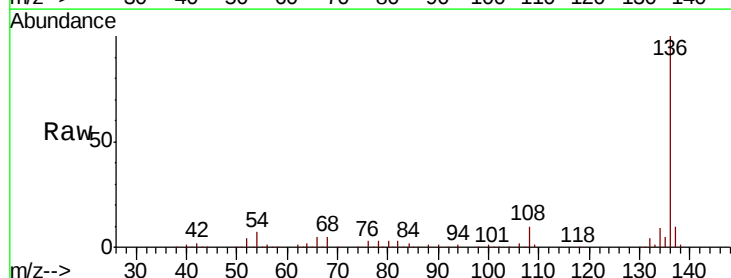
Instrument :
BNA_F
ClientSampleId :

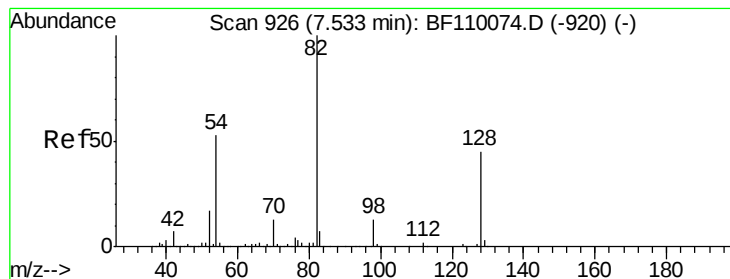
Tot Ion: 70 Resp: 87265
Ion Ratio Lower Upper
70 100
42 46.3 47.4 71.2#
101 0.0 7.3 10.9#
130 2.4 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110370.D
Acq: 1 Nov 2018 15:55

Tgt Ion: 136 Resp: 381943
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 7.2 5.4 8.2
68 5.0 4.2 6.2





#23

Nitrobenzene-d5

Concen: 100.683 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF110370.D

Acq: 1 Nov 2018 15:55

Instrument :

BNA_F

ClientSampleId :

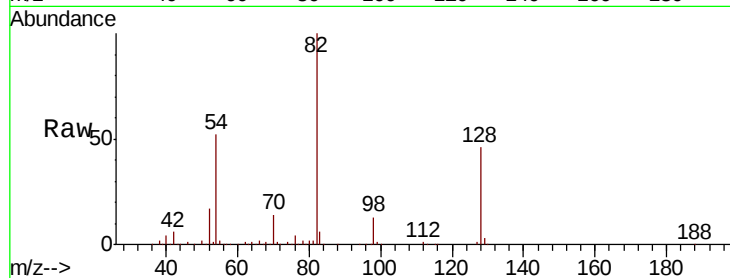
Tot Ion: 82 Resp: 648339

Ion Ratio Lower Upper

82 100

128 45.8 34.2 51.2

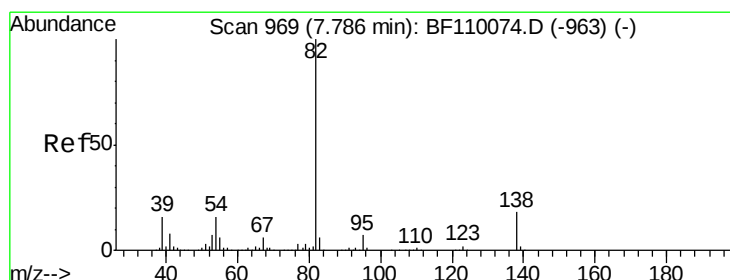
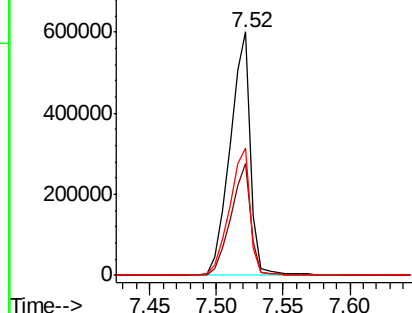
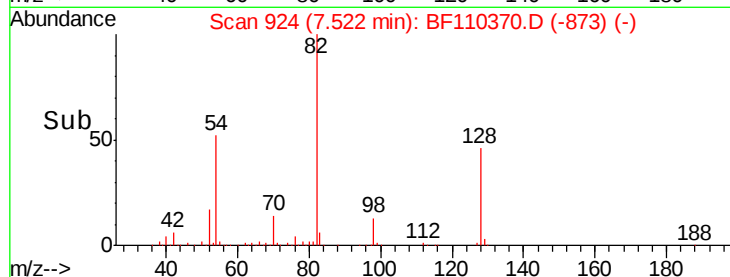
54 52.3 38.6 58.0



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: 59.064 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.25 min

Lab File: BF110370.D

Acq: 1 Nov 2018 15:55

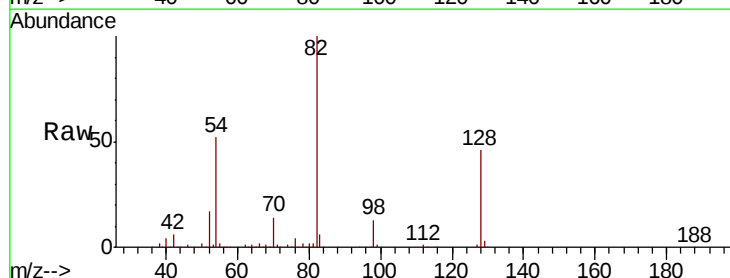
Tgt Ion: 82 Resp: 648333

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

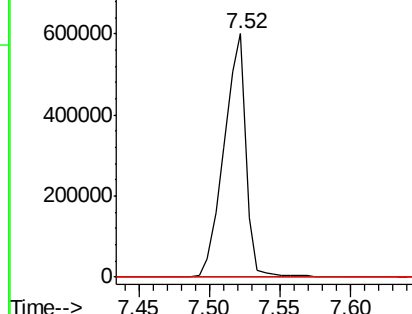
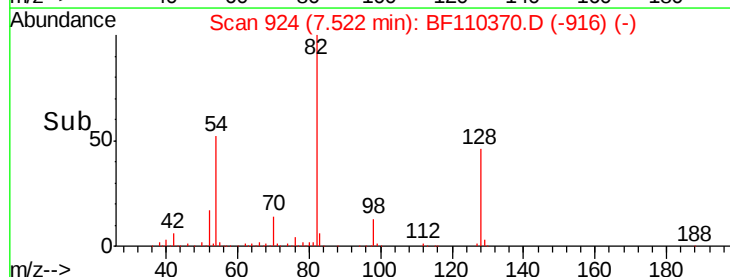
138 0.0 13.2 19.8#



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: BF110370.D

Acq: 1 Nov 2018 15:55

Instrument :

BNA_F

ClientSampled :

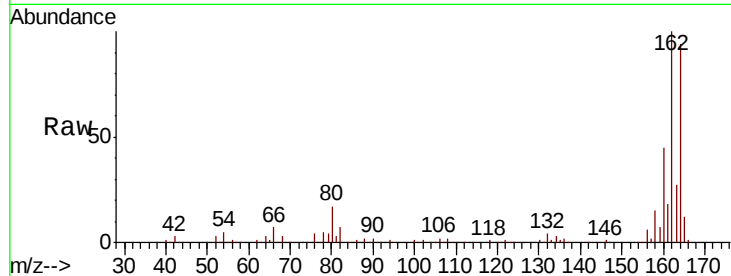
Tot Ion:164 Resp: 184217

Ion Ratio Lower Upper

164 100

162 106.8 83.0 124.6

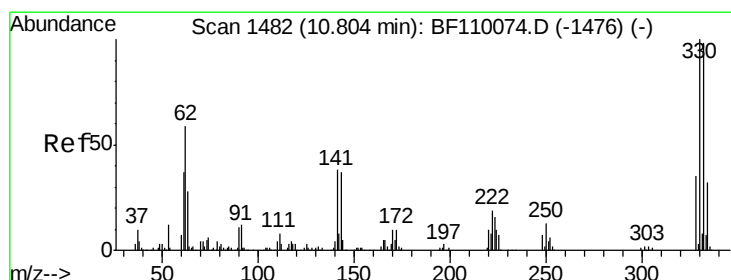
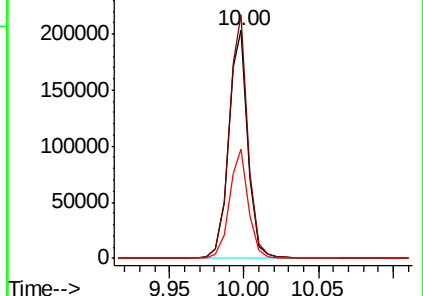
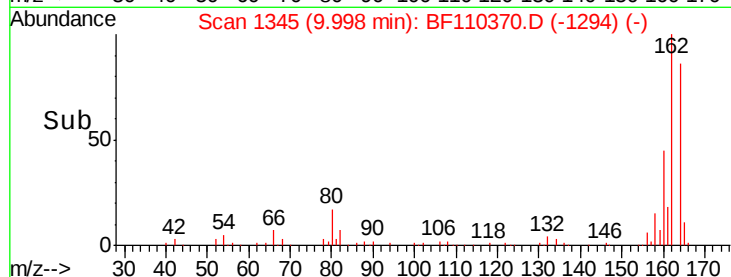
160 48.2 37.0 55.6



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: 138.995 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110370.D

Acq: 1 Nov 2018 15:55

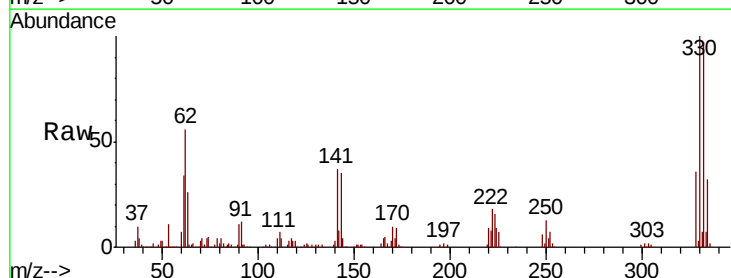
Tgt Ion:330 Resp: 253637

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

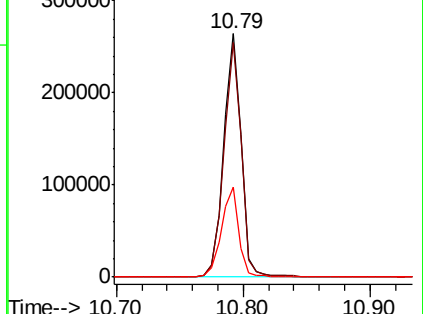
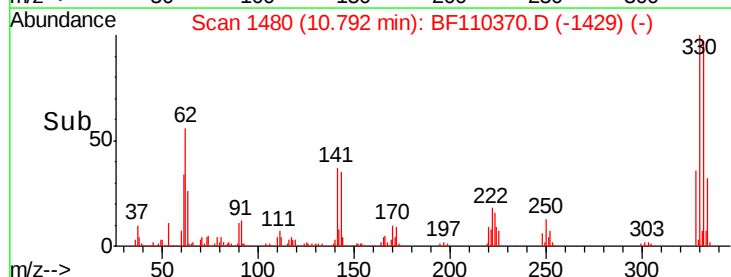
141 37.1 27.0 40.4



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

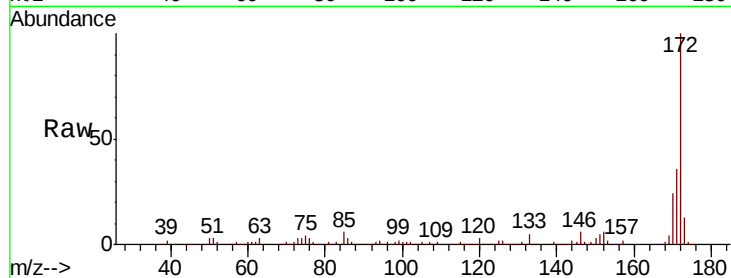




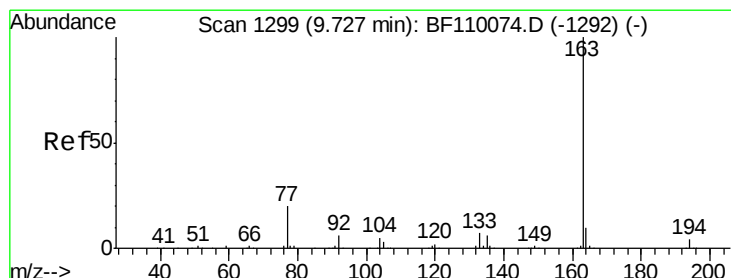
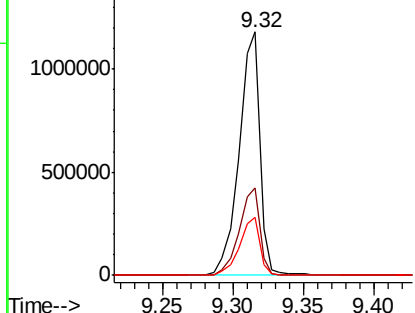
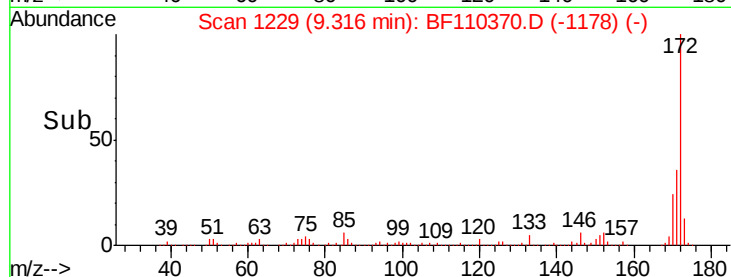
#45
2-Fluorobiphenyl
Concen: 103.058 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF110370.D
Acq: 1 Nov 2018 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1209038
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.8 19.7 29.5

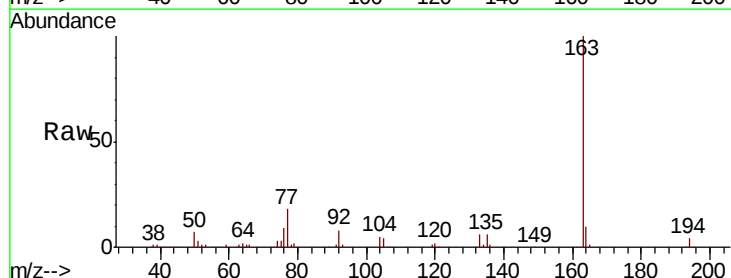


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

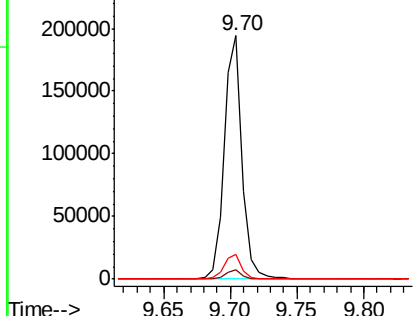
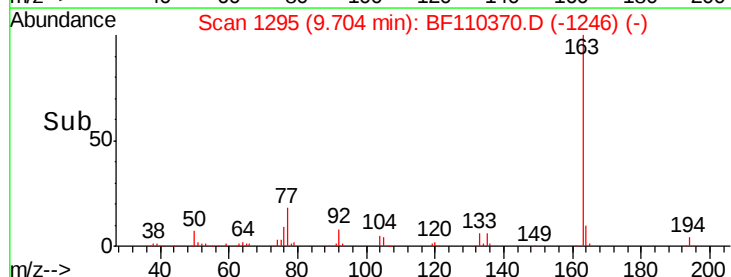


#50
Dimethylphthalate
Concen: 13.414 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110370.D
Acq: 1 Nov 2018 15:55

Tgt Ion:163 Resp: 182407
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.1 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

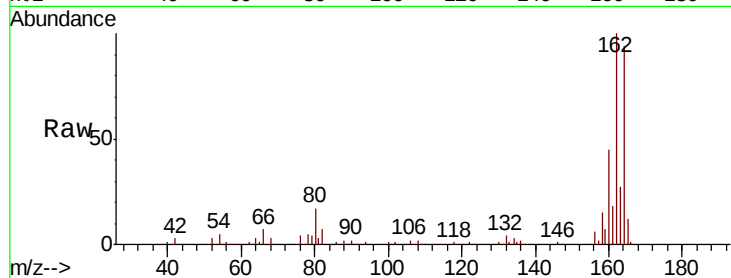




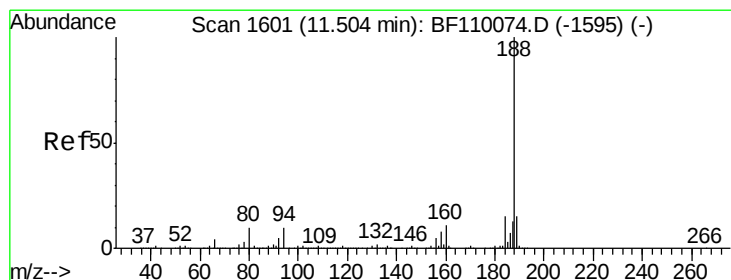
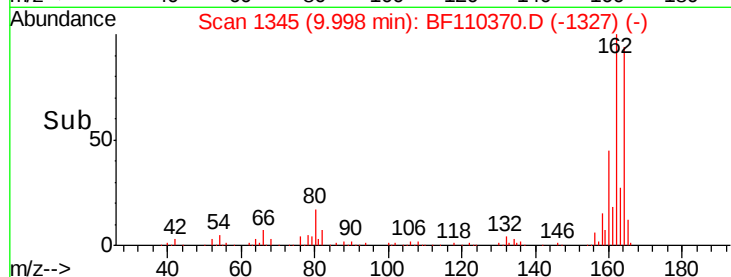
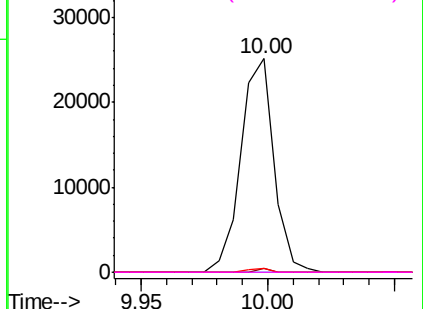
#57
 2,4-Dinitrotoluene
 Concen: 6.124 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.19 min
 Lab File: BF110370.D
 Acq: 1 Nov 2018 15:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	22784
Ion Ratio	Lower	Upper
165	100	
63	1.8	44.8 67.2#
89	1.6	62.2 93.4#
182	0.0	2.1 3.1#

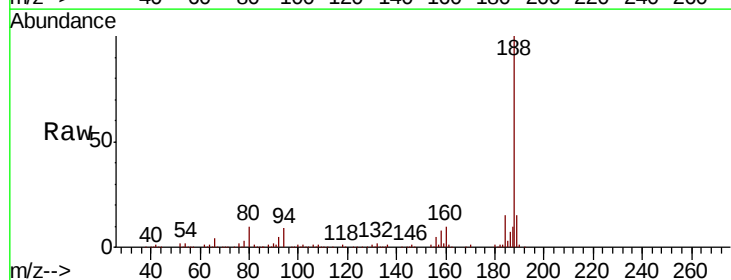


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

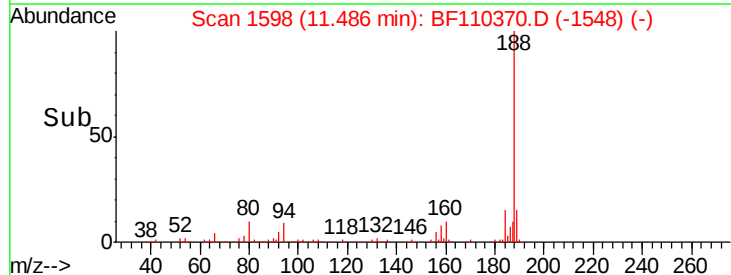
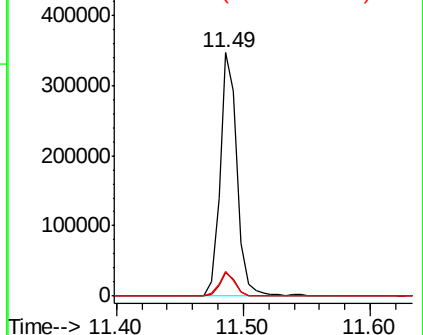


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF110370.D
 Acq: 1 Nov 2018 15:55

Tgt Ion:188	Resp:	323801
Ion Ratio	Lower	Upper
188	100	
94	9.4	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

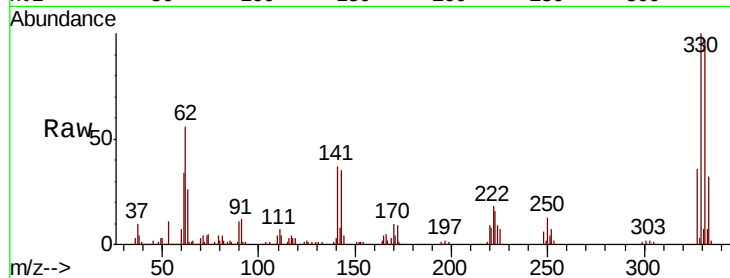




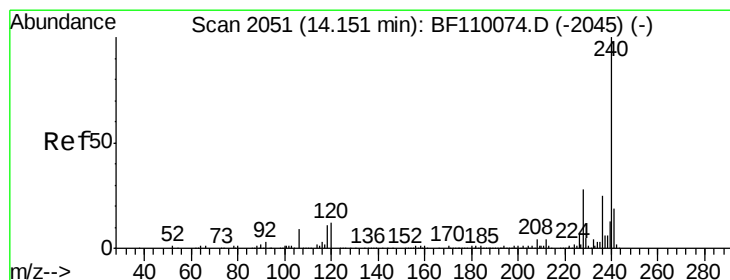
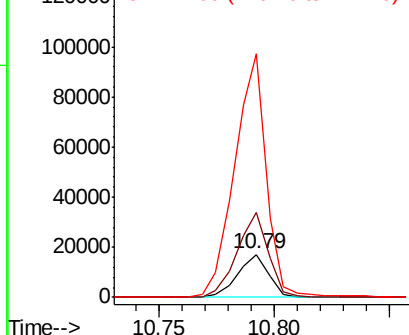
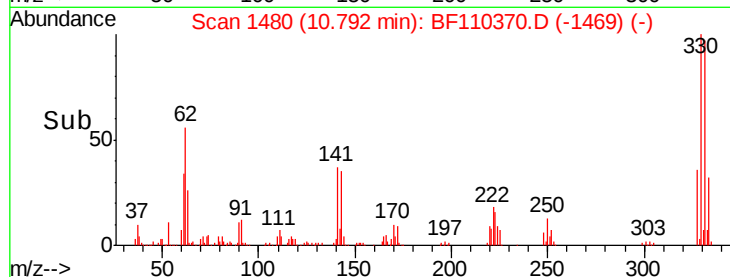
#67
 4-Bromophenyl-phenylether
 Concen: 4.632 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.24 min
 Lab File: BF110370.D
 Acq: 1 Nov 2018 15:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 16270
 Ion Ratio Lower Upper
 248 100
 250 198.5 79.4 119.2#
 141 568.8 55.9 83.9#

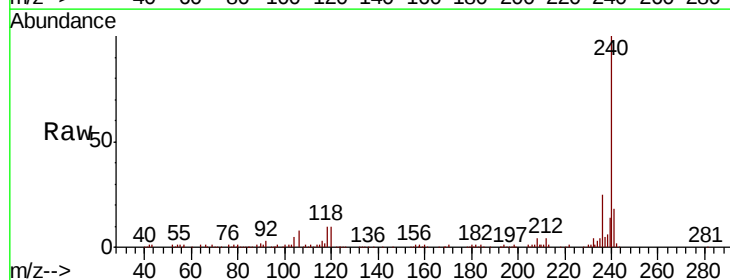


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

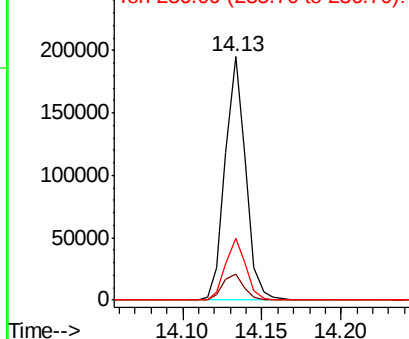
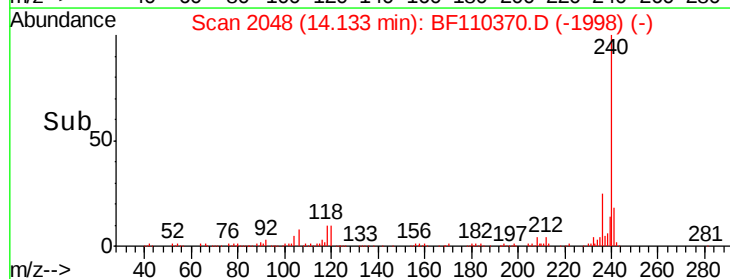


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110370.D
 Acq: 1 Nov 2018 15:55

Tgt Ion:240 Resp: 175067
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.3 12.5
 236 25.2 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: 109.778 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF110370.D

Acq: 1 Nov 2018 15:55

Instrument :

BNA_F

ClientSampled :

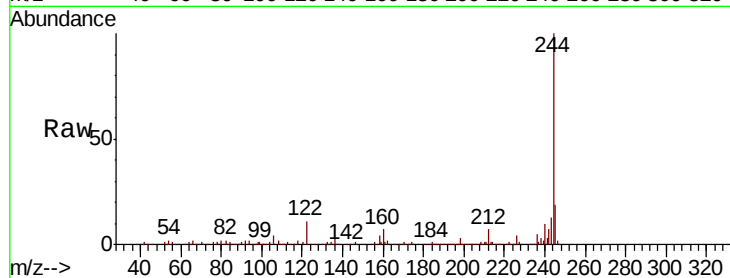
Tot Ion:244 Resp: 924099

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

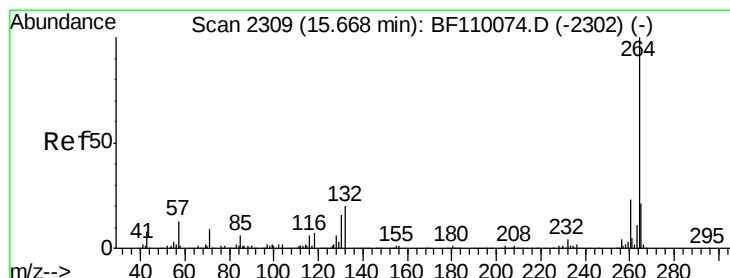
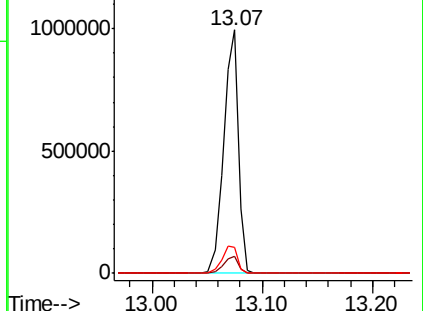
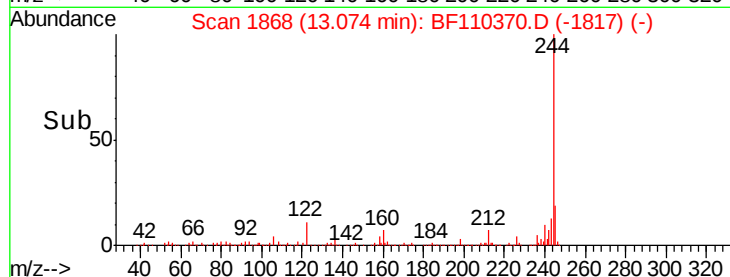
122 10.9 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110370.D

Acq: 1 Nov 2018 15:55

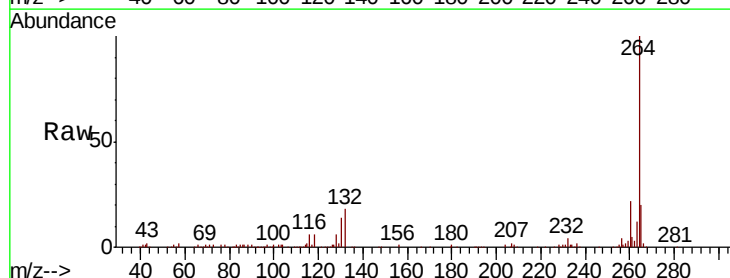
Tgt Ion:264 Resp: 184383

Ion Ratio Lower Upper

264 100

260 22.1 18.7 28.1

265 20.4 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

