

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF103018\
 Data File : BF110307.D
 Acq On : 30 Oct 2018 17:08
 Operator : JU/SJ
 Sample : J5722-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102618-TIPC-F-U-B

Quant Time: Oct 31 04:32:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

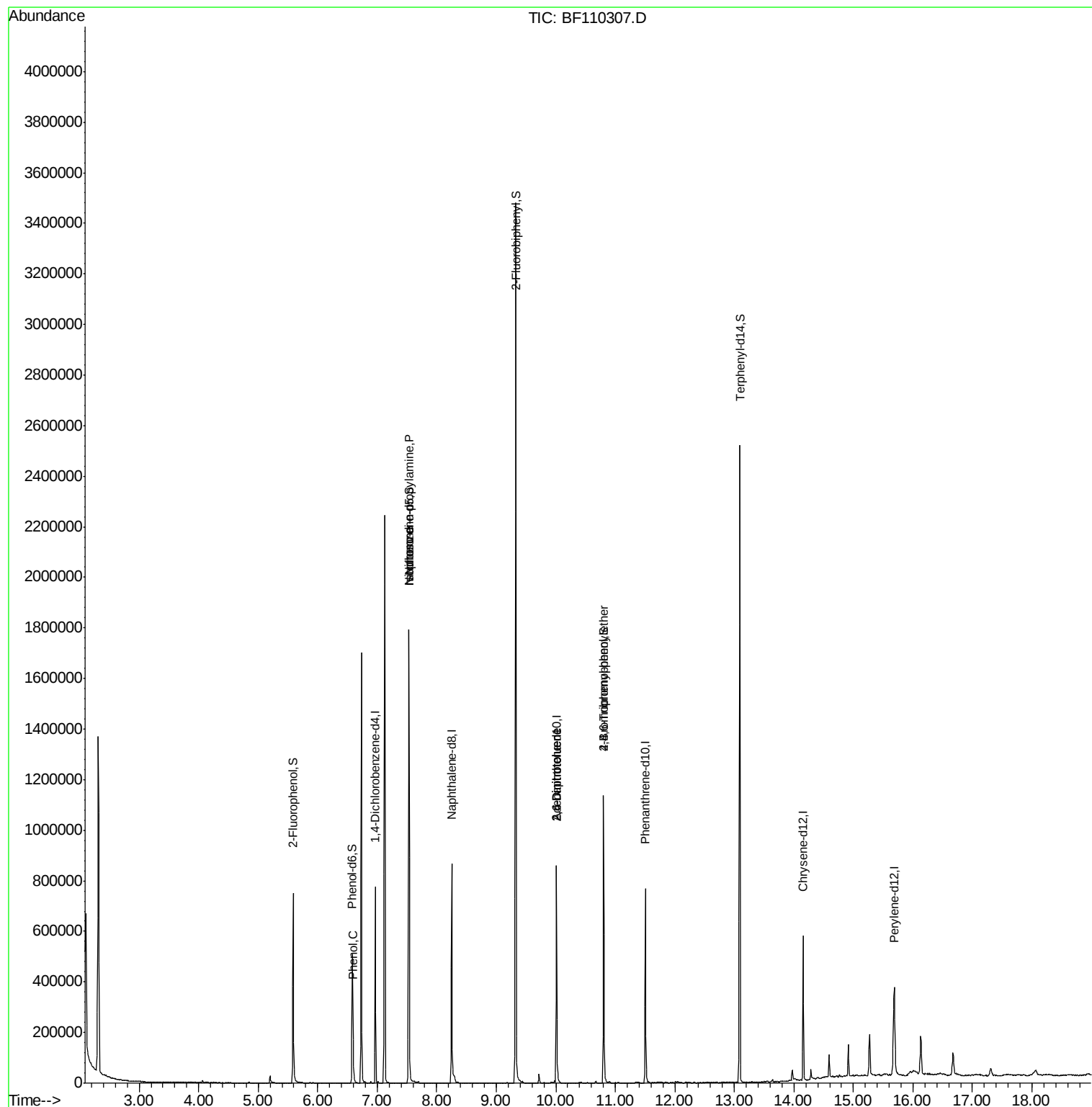
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	106469	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	418744	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	183128	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	299248	20.00	ng	0.00
76) Chrysene-d12	14.16	240	194241	20.00	ng	0.00
87) Perylene-d12	15.69	264	159878	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	213157	32.60	ng	0.00
7) Phenol-d6	6.58	99	171230	20.48	ng	-0.01
23) Nitrobenzene-d5	7.53	82	597570	84.64	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	130520	71.95	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1047814	89.85	ng	0.00
79) Terphenyl-d14	13.09	244	783857	83.93	ng	0.00
Target Compounds						
10) Phenol	6.60	94	42166	4.717	ng	# 62
19) n-Nitroso-di-n-propylamine	7.53	70	80219	14.952	ng	# 79
25) Isophorone	7.53	82	597565	49.655	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	22657	7.781	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	22657	6.126	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	8116	2.500	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF103018\
Data File : BF110307.D
Acq On : 30 Oct 2018 17:08
Operator : JU/SJ
Sample : J5722-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
102618-TIPC-F-U-B

Quant Time: Oct 31 04:32:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 17:29:00 2018
Response via : Initial Calibration



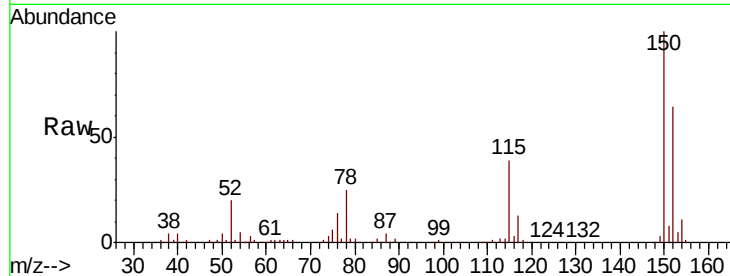


#1

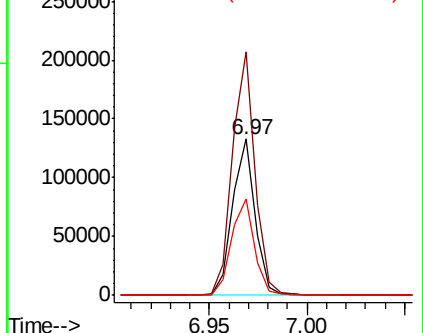
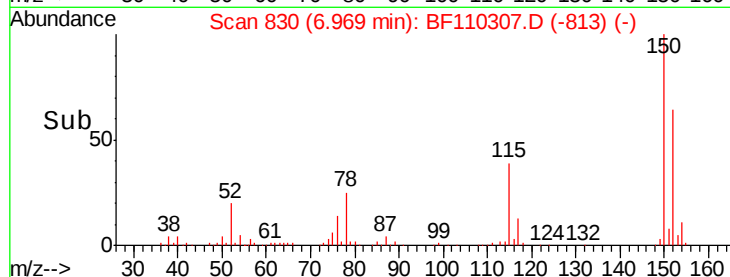
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF110307.D
 Acq: 30 Oct 2018 17:08

Instrument :
 BNA_F
 ClientSampleId :
 102618-TIPC-F-U-B

Tgt Ion:152 Resp: 106469
 Ion Ratio Lower Upper
 152 100
 150 156.0 122.7 184.1
 115 61.5 49.1 73.7



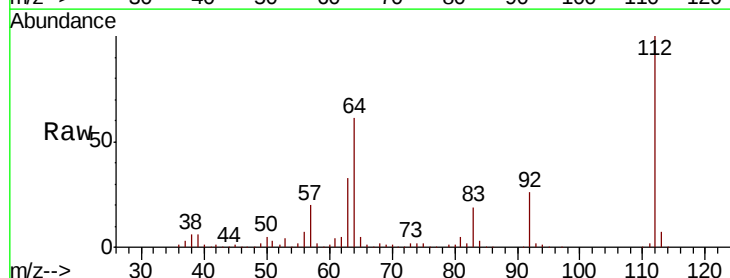
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



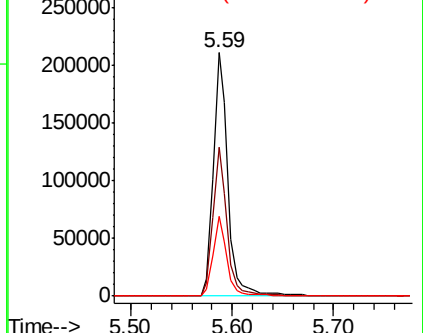
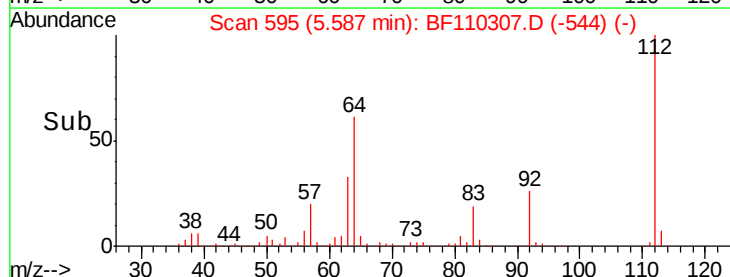
#5

2-Fluorophenol
 Concen: 32.603 ng
 RT: 5.59 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF110307.D
 Acq: 30 Oct 2018 17:08

Tgt Ion:112 Resp: 213157
 Ion Ratio Lower Upper
 112 100
 64 61.0 44.1 66.1
 63 33.0 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: 20.476 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110307.D

Acq: 30 Oct 2018 17:08

Instrument :

BNA_F

ClientSampleId :

102618-TIPC-F-U-B

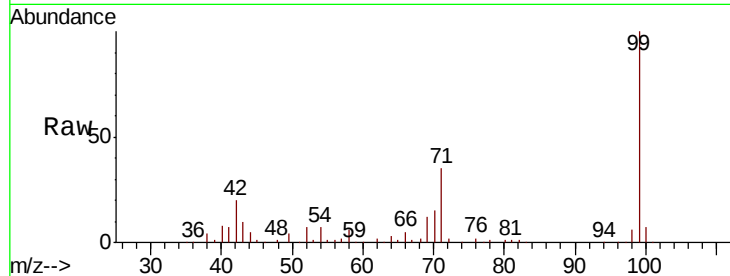
Tgt Ion: 99 Resp: 171230

Ion Ratio Lower Upper

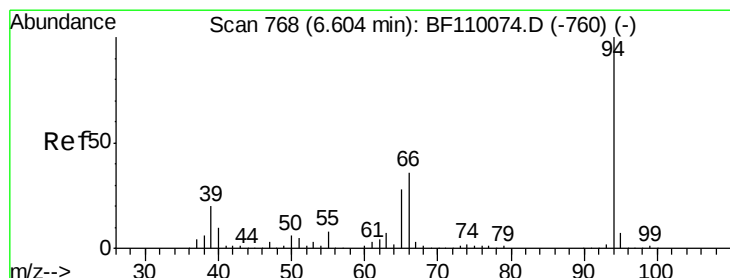
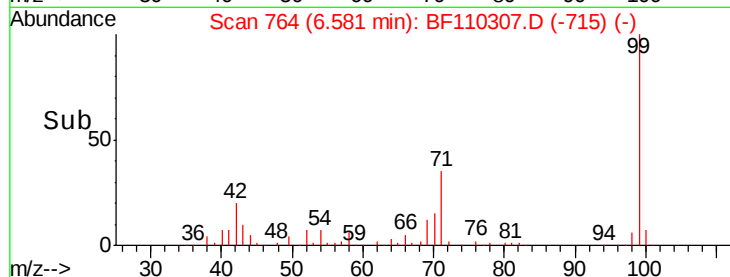
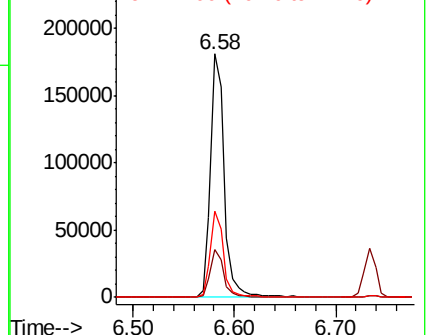
99 100

42 19.6 15.8 23.6

71 35.4 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: 4.717 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF110307.D

Acq: 30 Oct 2018 17:08

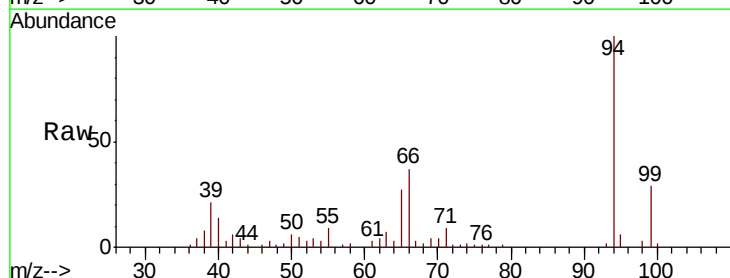
Tgt Ion: 94 Resp: 42166

Ion Ratio Lower Upper

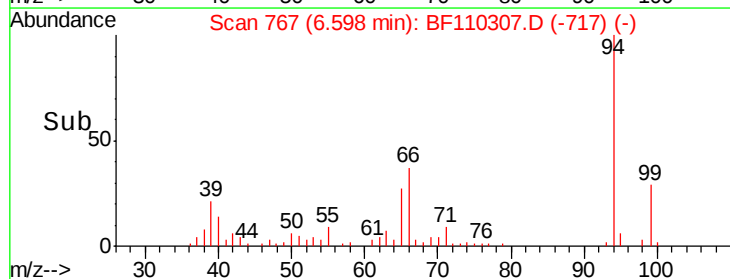
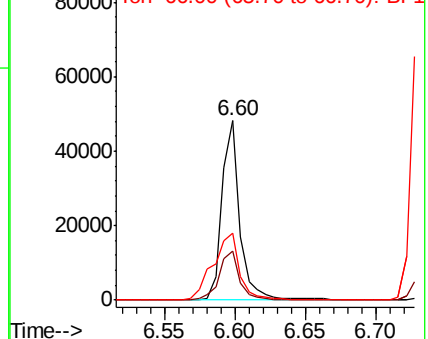
94 100

65 27.3 25.3 65.3

66 37.5 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

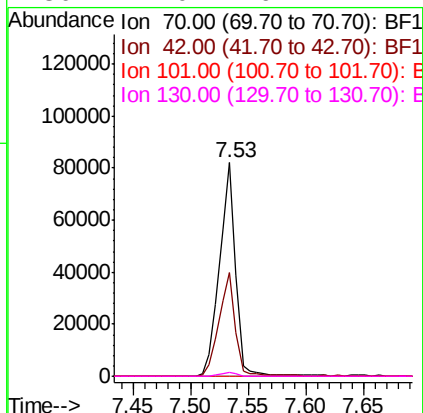
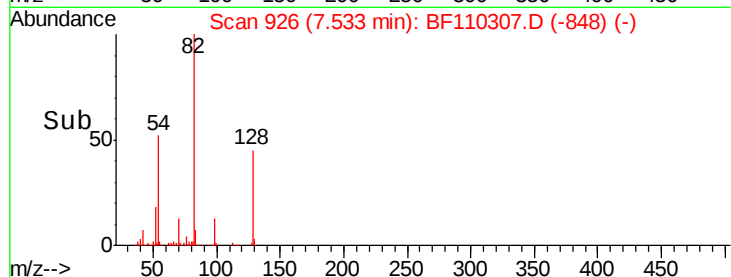
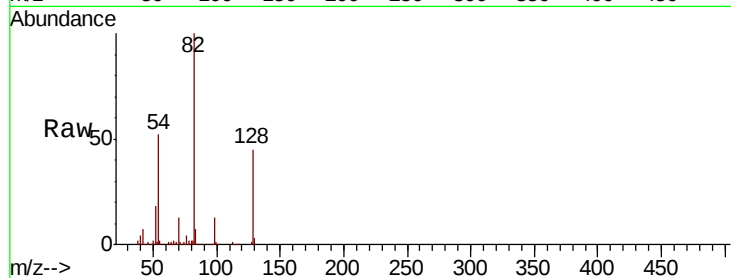




#19
n-Nitroso-di-n-propylamine
Concen: 14.952 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.16 min
Lab File: BF110307.D
Acq: 30 Oct 2018 17:08

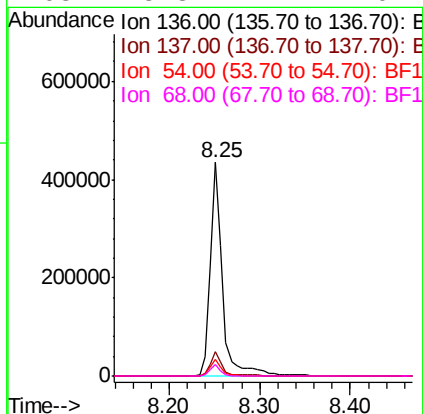
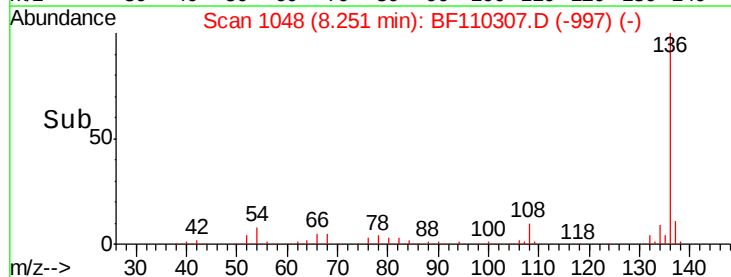
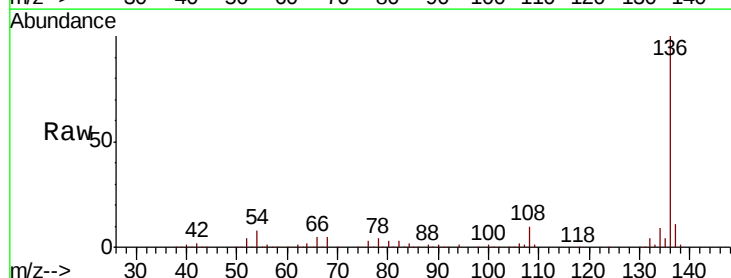
Instrument :
BNA_F
ClientSampleId :
102618-TIPC-F-U-B

Tgt Ion: 70 Resp: 80219
Ion Ratio Lower Upper
70 100
42 48.7 47.4 71.2
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110307.D
Acq: 30 Oct 2018 17:08

Tgt Ion: 136 Resp: 418744
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.0 5.4 8.2
68 5.3 4.2 6.2

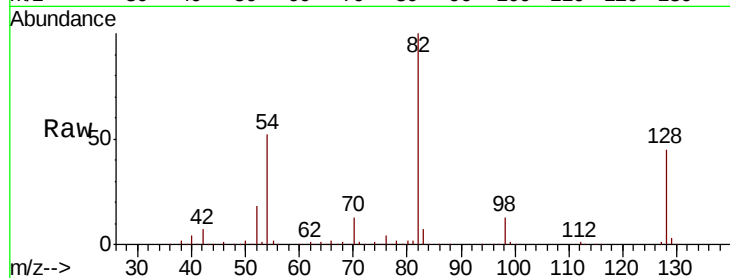




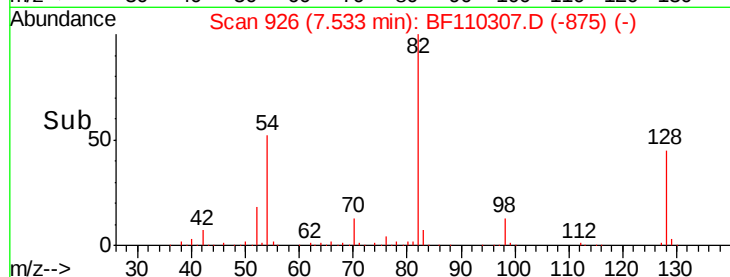
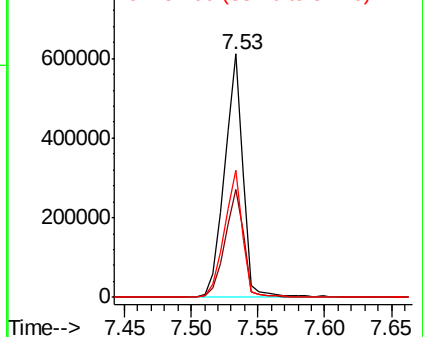
#23
Nitrobenzene-d5
Concen: 84.643 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110307.D
Acq: 30 Oct 2018 17:08

Instrument :
BNA_F
ClientSampleId :
102618-TIPC-F-U-B

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.2	51.2
54	52.3	38.6	58.0

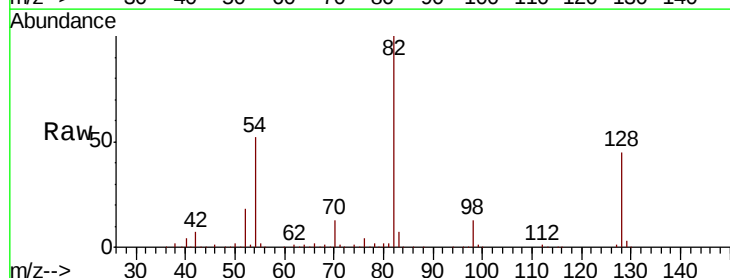


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

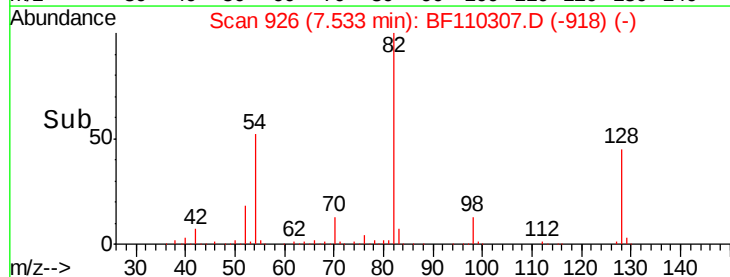
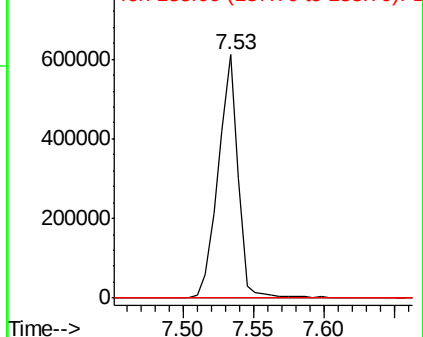


#25
Isophorone
Concen: 49.655 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF110307.D
Acq: 30 Oct 2018 17:08

Tgt 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: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF110307.D

Acq: 30 Oct 2018 17:08

Instrument :

BNA_F

ClientSampleId :

102618-TIPC-F-U-B

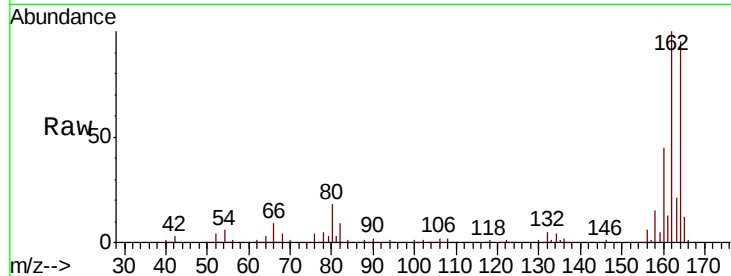
Tgt Ion:164 Resp: 183128

Ion Ratio Lower Upper

164 100

162 104.7 83.0 124.6

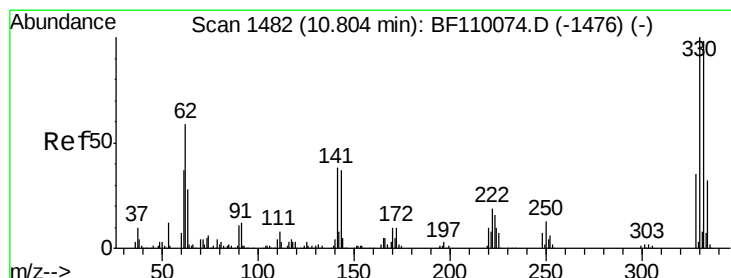
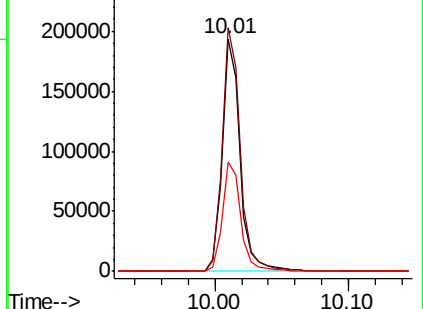
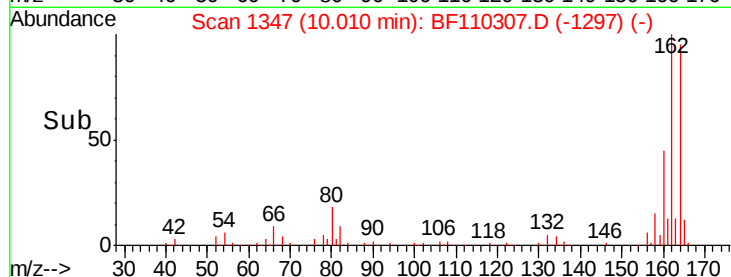
160 47.0 37.0 55.6



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: 71.951 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110307.D

Acq: 30 Oct 2018 17:08

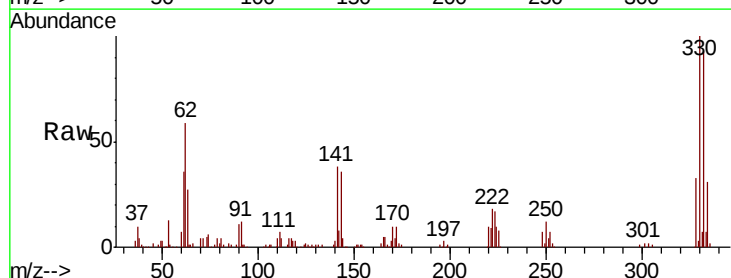
Tgt Ion:330 Resp: 130520

Ion Ratio Lower Upper

330 100

332 94.3 77.1 115.7

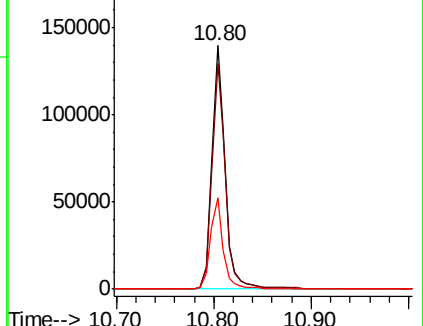
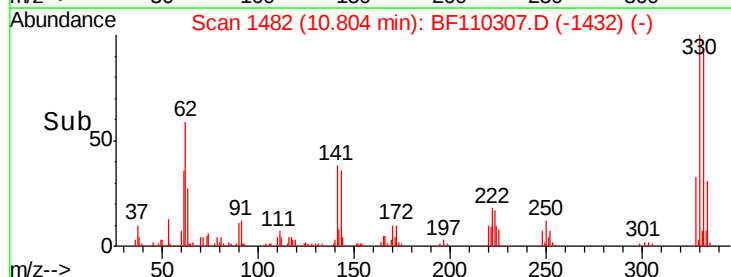
141 36.4 27.0 40.4



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

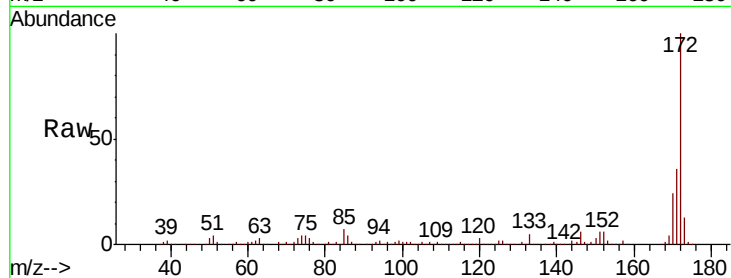




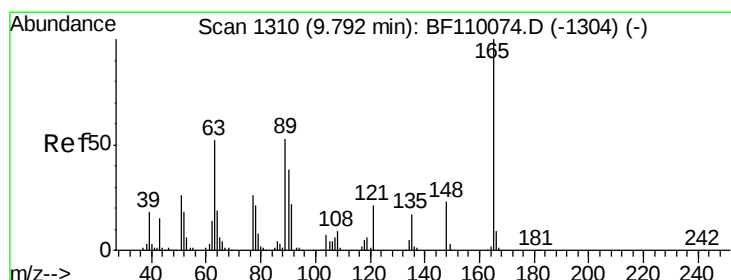
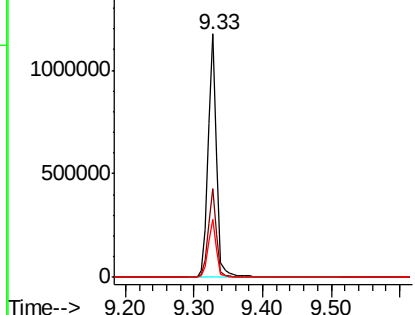
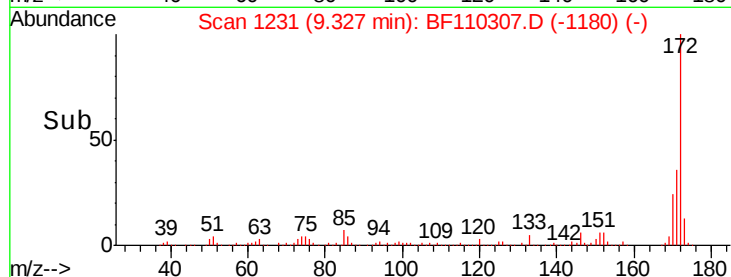
#45
 2-Fluorobiphenyl
 Concen: 89.846 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF110307.D
 Acq: 30 Oct 2018 17:08

Instrument :
 BNA_F
 ClientSampleId :
 102618-TIPC-F-U-B

Tgt Ion:172 Resp: 1047814
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 23.6 19.7 29.5

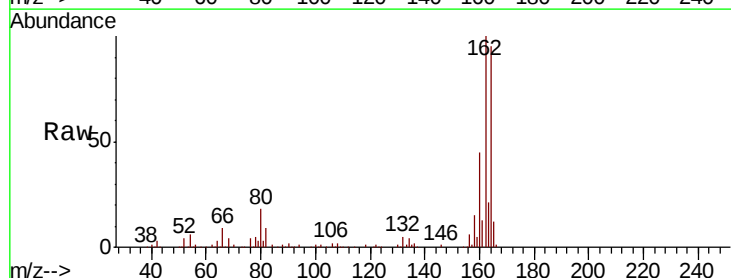


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

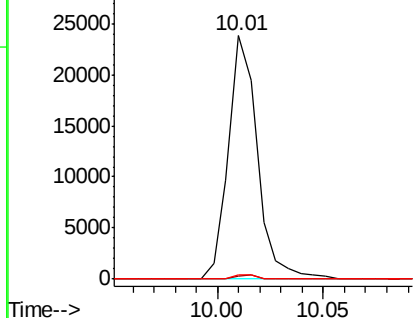
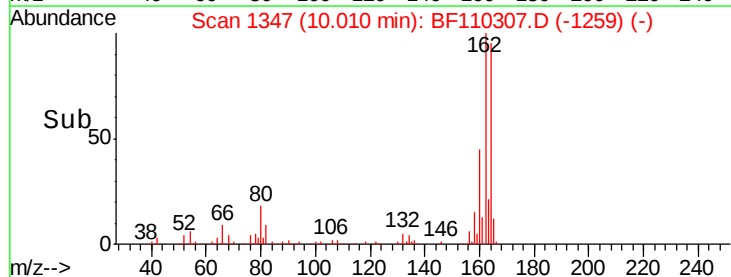


#51
 2,6-Dinitrotoluene
 Concen: 7.781 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.22 min
 Lab File: BF110307.D
 Acq: 30 Oct 2018 17:08

Tgt Ion:165 Resp: 22657
 Ion Ratio Lower Upper
 165 100
 63 1.5 48.9 73.3#
 89 1.7 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

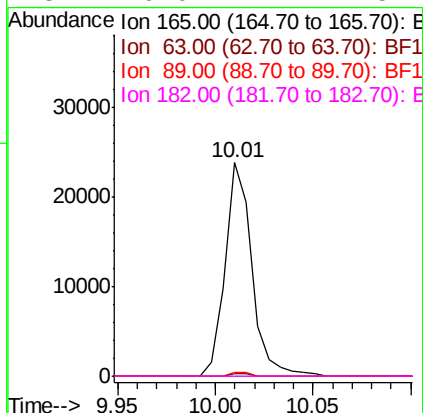
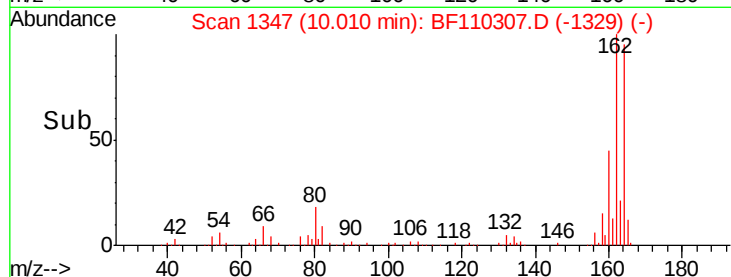
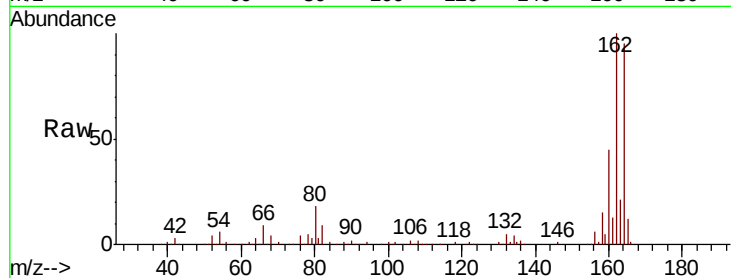




#57
2,4-Dinitrotoluene
Concen: 6.126 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.19 min
Lab File: BF110307.D
Acq: 30 Oct 2018 17:08

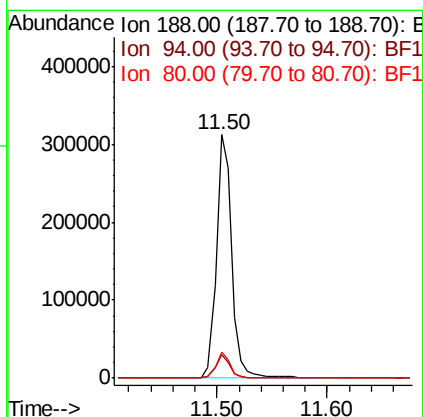
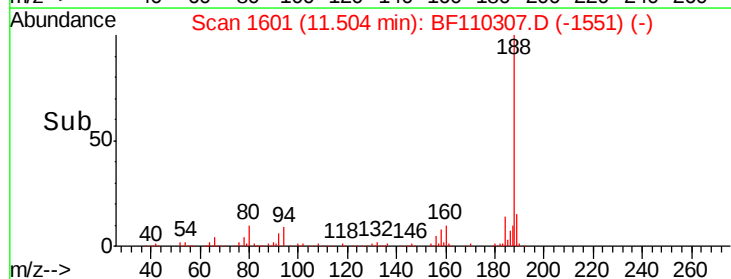
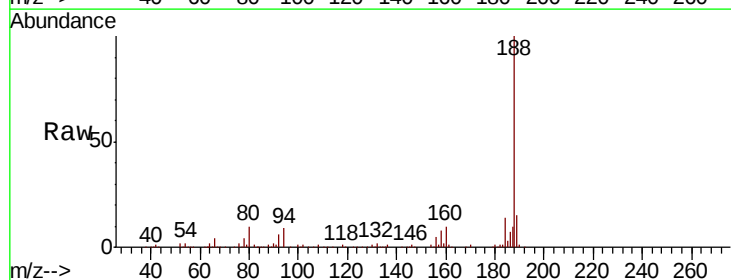
Instrument :
BNA_F
ClientSampleId :
102618-TIPC-F-U-B

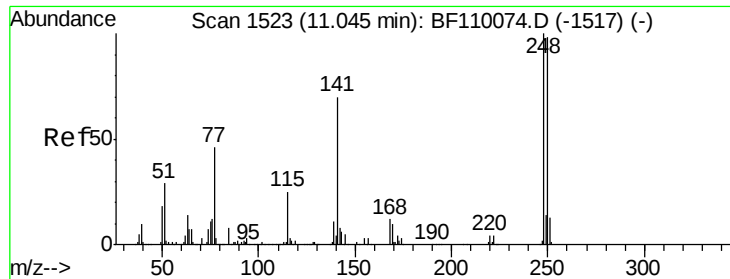
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110307.D
Acq: 30 Oct 2018 17:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.4	7.9	11.9

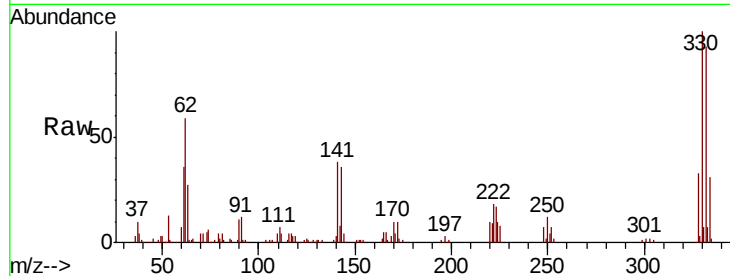




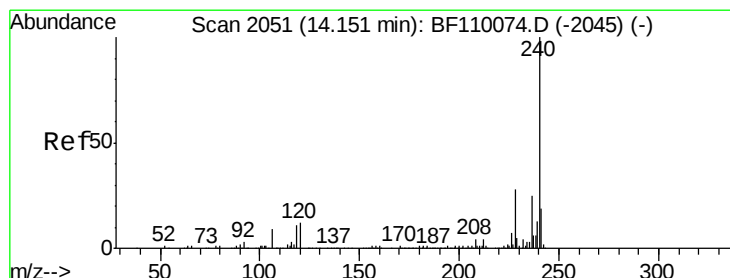
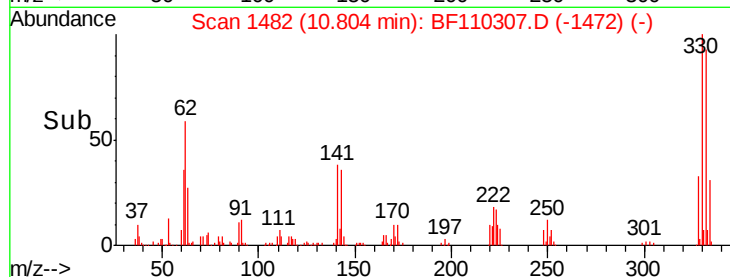
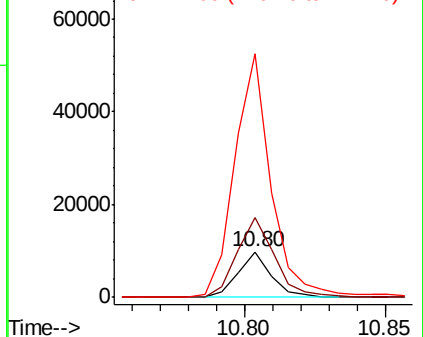
#67
4-Bromophenyl-phenylether
Concen: 2.500 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF110307.D
Acq: 30 Oct 2018 17:08

Instrument :
BNA_F
ClientSampleId :
102618-TIPC-F-U-B

Tgt Ion:248 Resp: 8116
Ion Ratio Lower Upper
248 100
250 174.5 79.4 119.2#
141 534.8 55.9 83.9#

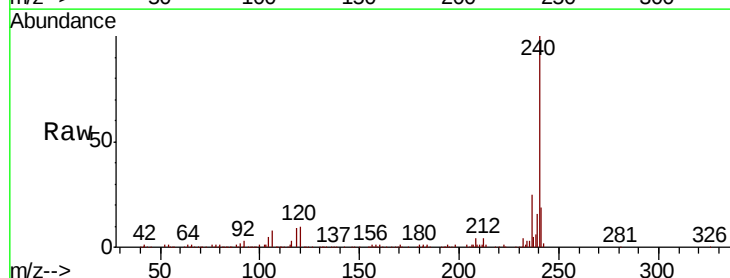


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

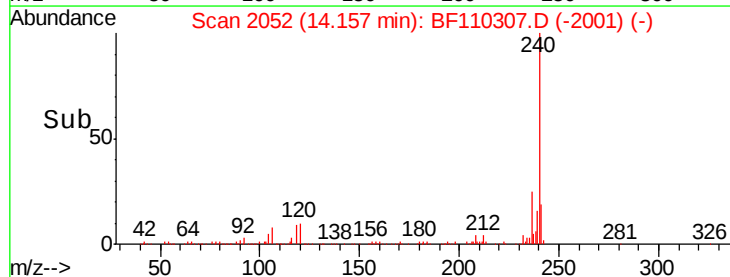
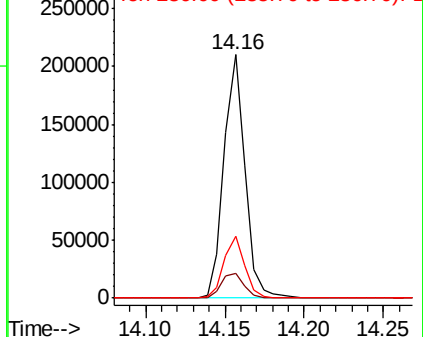


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BF110307.D
Acq: 30 Oct 2018 17:08

Tgt Ion:240 Resp: 194241
Ion Ratio Lower Upper
240 100
120 10.4 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

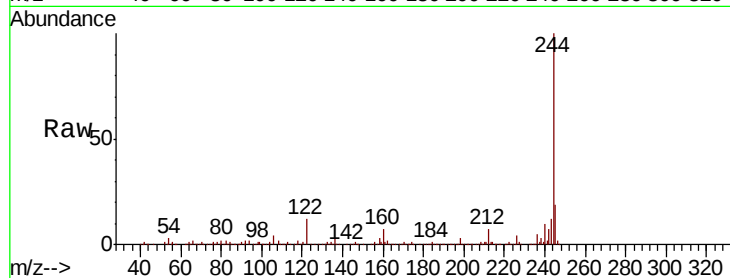




#79
 Terphenyl-d14
 Concen: 83.926 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: BF110307.D
 Acq: 30 Oct 2018 17:08

Instrument :
 BNA_F
 ClientSampleId :
 102618-TIPC-F-U-B

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.6	8.7	13.1

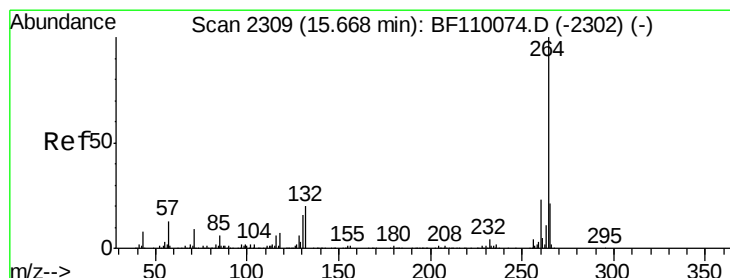
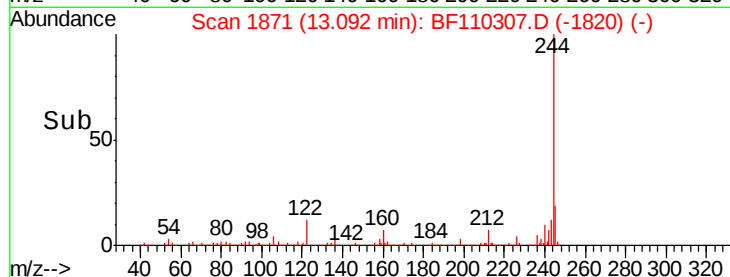
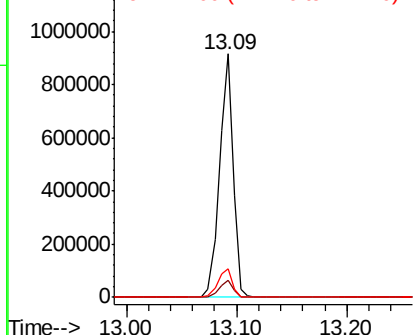


Abundance

Ion 244.00 (243.70 to 244.70): E

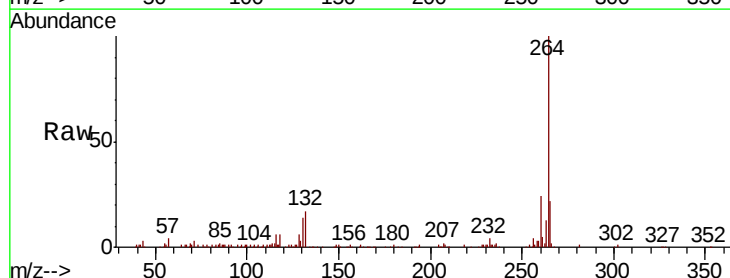
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. 0.01 min
 Lab File: BF110307.D
 Acq: 30 Oct 2018 17:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.8	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

