

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102618\
 Data File : BF110208.D
 Acq On : 26 Oct 2018 14:35
 Operator : JU/SJ
 Sample : J5610-11RE 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(0-2)RE

Quant Time: Oct 26 17:22:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

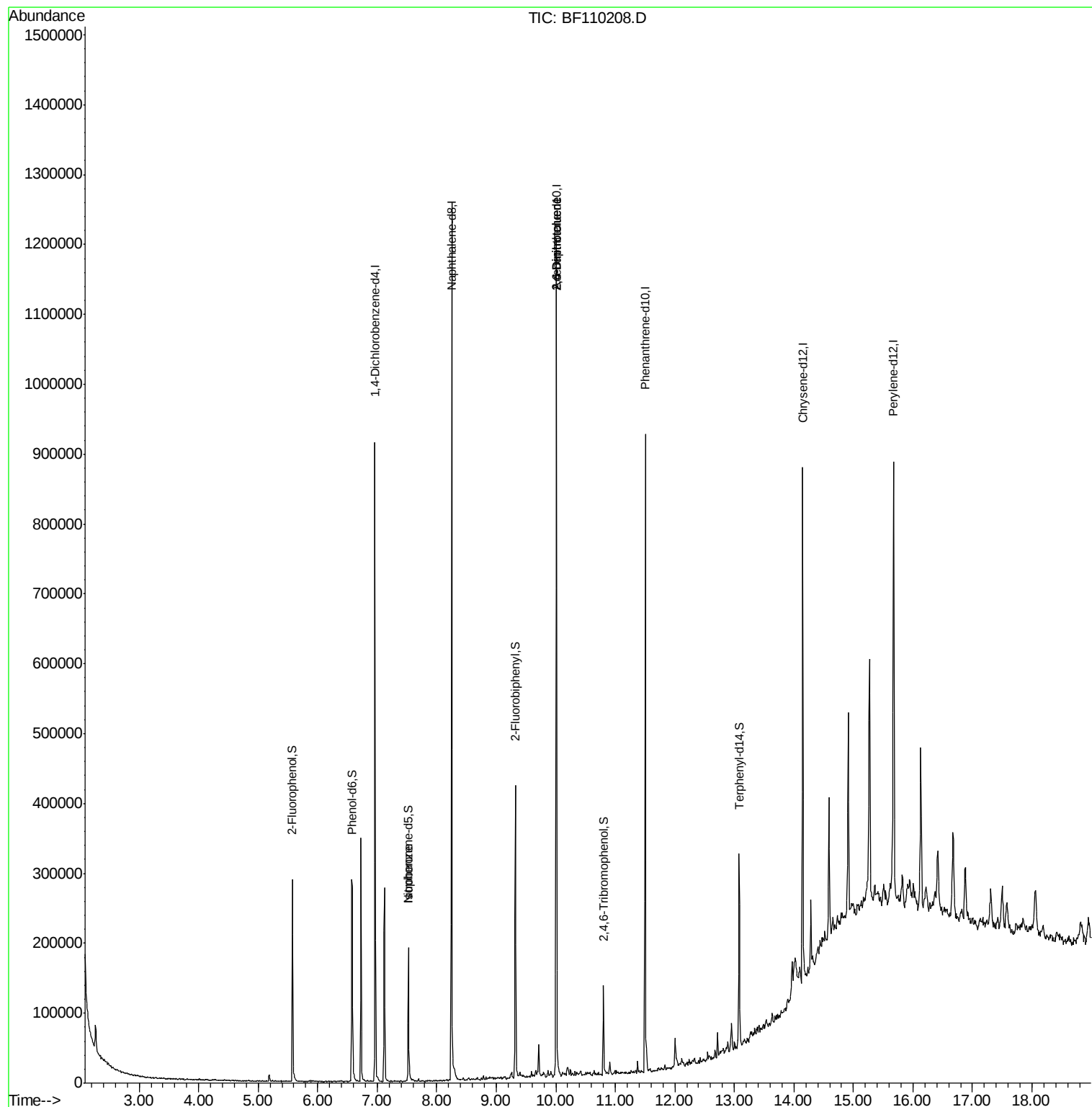
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	137975	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	558296	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	227087	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	337882	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	257299	20.00	ng	-0.01
87) Perylene-d12	15.68	264	176069	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	80530	9.50	ng	-0.02
7) Phenol-d6	6.57	99	106219	9.80	ng	-0.03
23) Nitrobenzene-d5	7.52	82	64358	6.84	ng	-0.03
42) 2,4,6-Tribromophenol	10.80	330	15218	6.77	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	122832	8.49	ng	-0.02
79) Terphenyl-d14	13.08	244	81979	6.63	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.73	77	1893	Below Cal		Qvalue 84
25) Isophorone	7.52	82	64357	4.011 ng	#	67
51) 2,6-Dinitrotoluene	10.01	165	29833	8.262 ng	#	23
57) 2,4-Dinitrotoluene	10.01	165	29834	6.505 ng	#	19

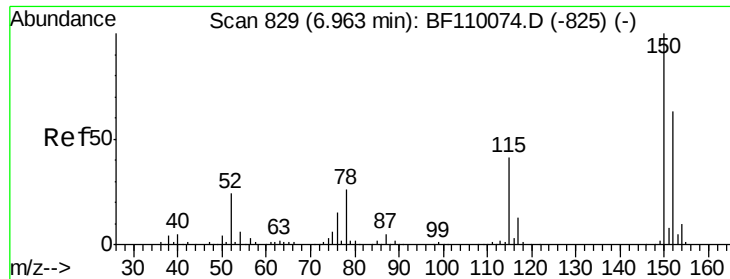
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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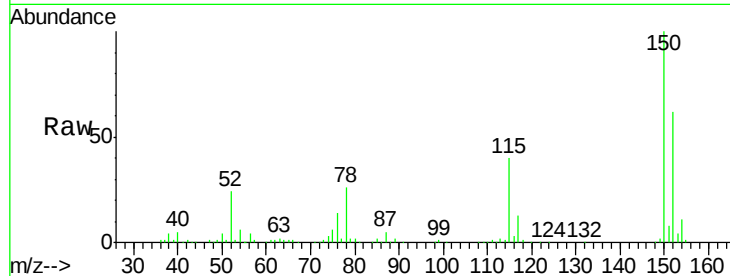


#1

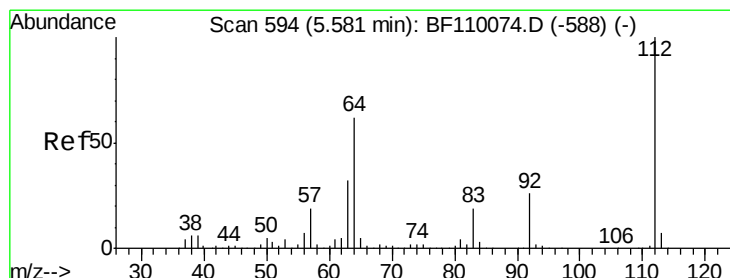
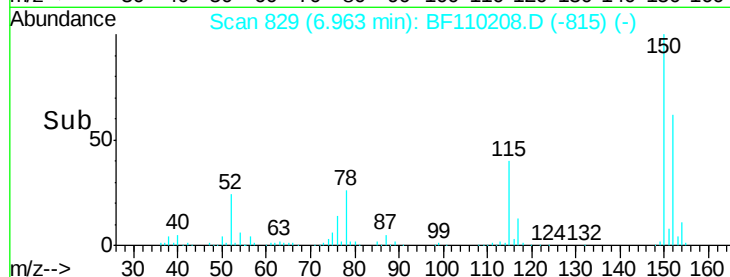
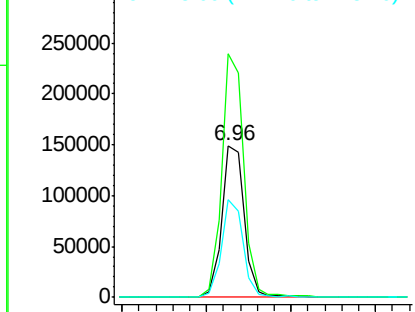
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110208.D
Acq: 26 Oct 2018 14:35

Instrument :
BNA_F
ClientSampleId :
SB-7(0-2)RE

Tgt Ion:152 Resp: 137975
Ion Ratio Lower Upper
152 100
150 160.7 122.7 184.1
115 64.8 49.1 73.7



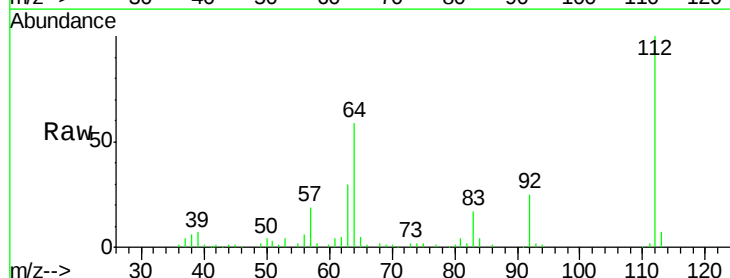
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



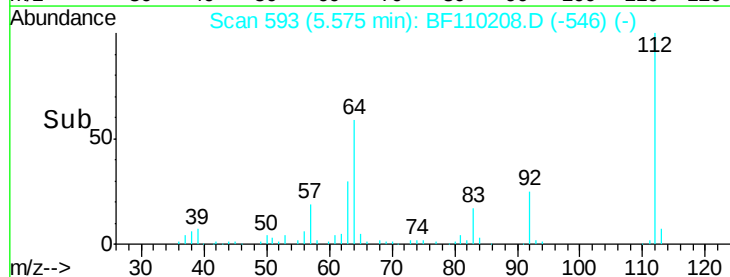
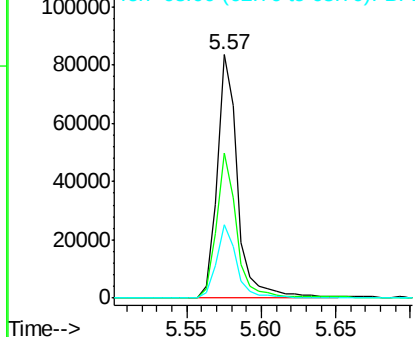
#5

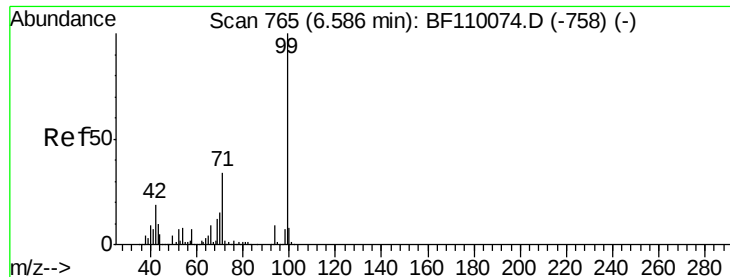
2-Fluorophenol
Concen: 9.505 ng
RT: 5.57 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF110208.D
Acq: 26 Oct 2018 14:35

Tgt Ion:112 Resp: 80530
Ion Ratio Lower Upper
112 100
64 59.4 44.1 66.1
63 30.2 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: 9.801 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.03 min

Lab File: BF110208.D

Acq: 26 Oct 2018 14:35

Instrument :

BNA_F

ClientSampled :

SB-7(0-2)RE

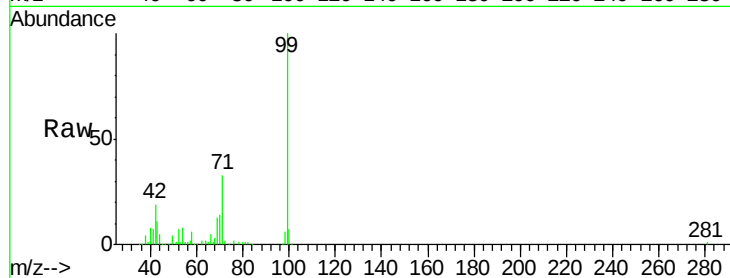
Tgt Ion: 99 Resp: 106219

Ion Ratio Lower Upper

99 100

42 18.9 15.8 23.6

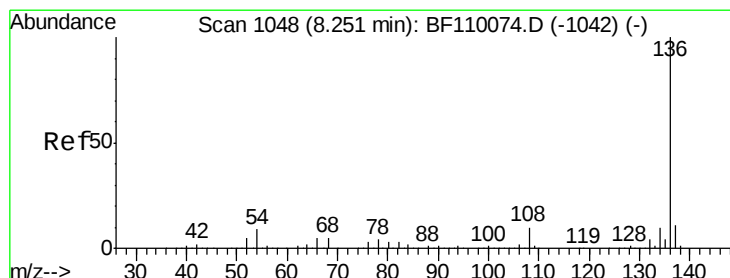
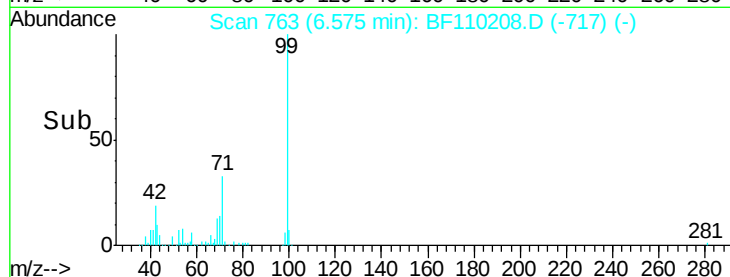
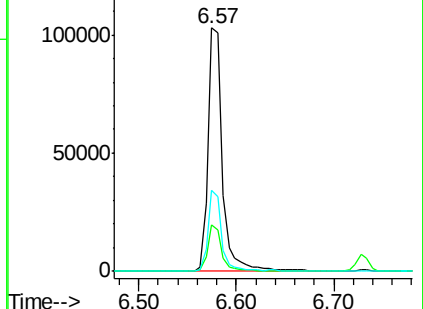
71 33.2 28.0 42.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110208.D

Acq: 26 Oct 2018 14:35

Tgt Ion: 136 Resp: 558296

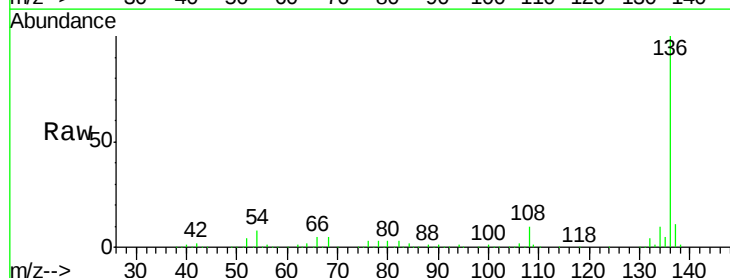
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.8 5.4 8.2

68 5.1 4.2 6.2

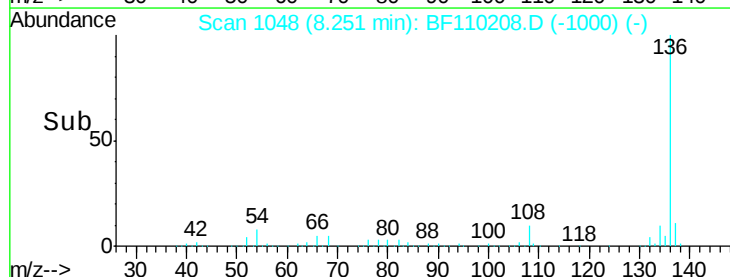
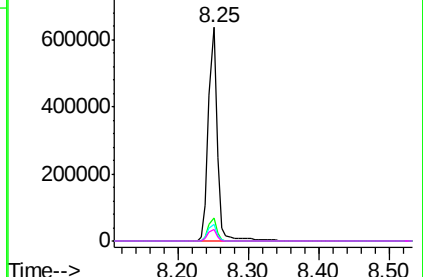


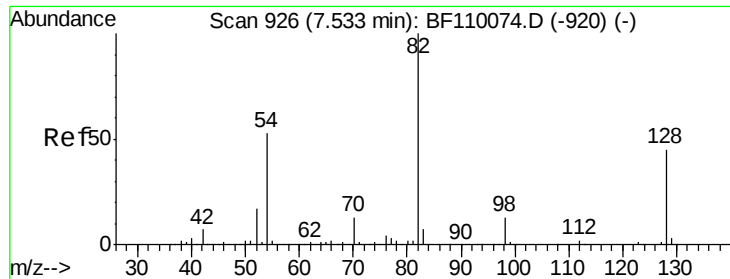
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

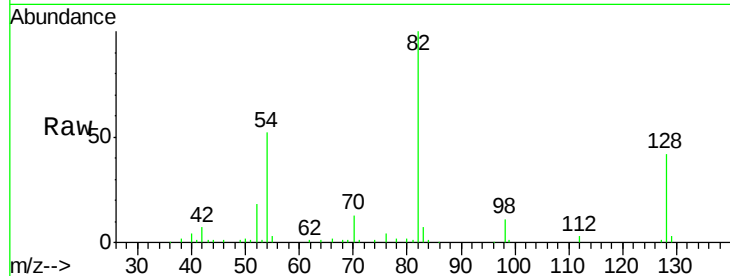




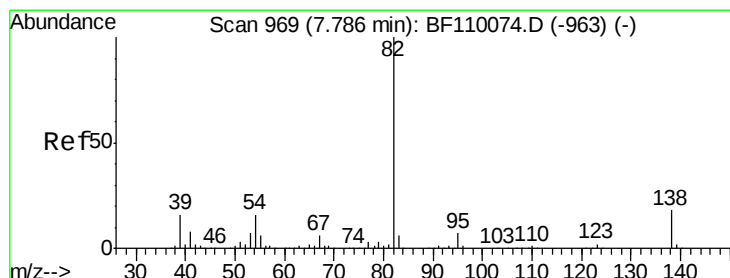
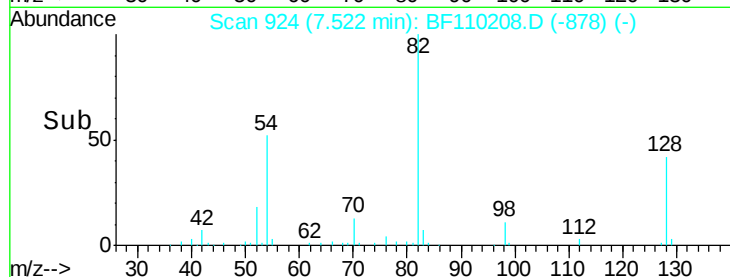
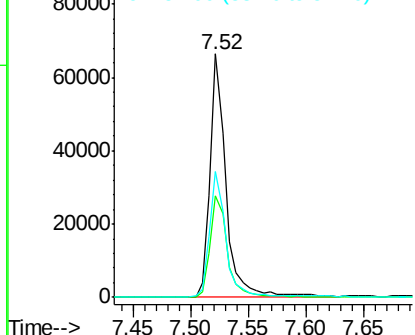
#23
 Nitrobenzene-d5
 Concen: 6.837 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.03 min
 Lab File: BF110208.D
 Acq: 26 Oct 2018 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(0-2)RE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.2	51.2
54	51.9	38.6	58.0

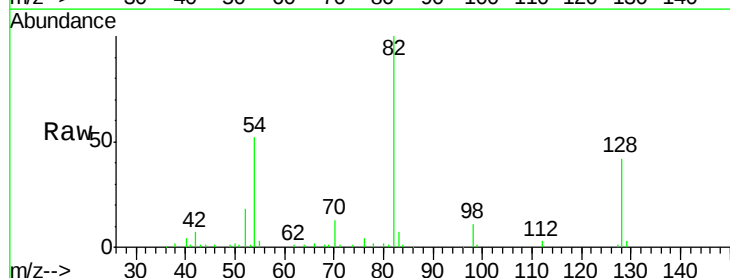


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

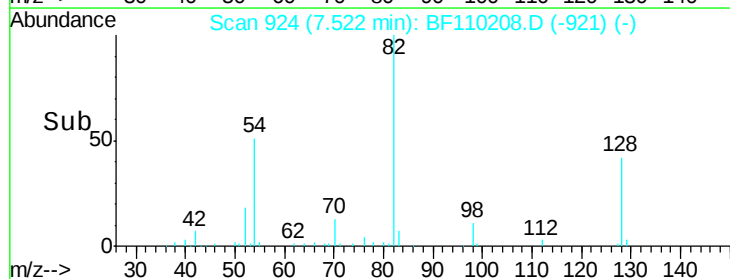
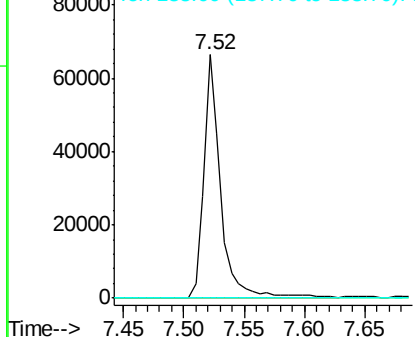


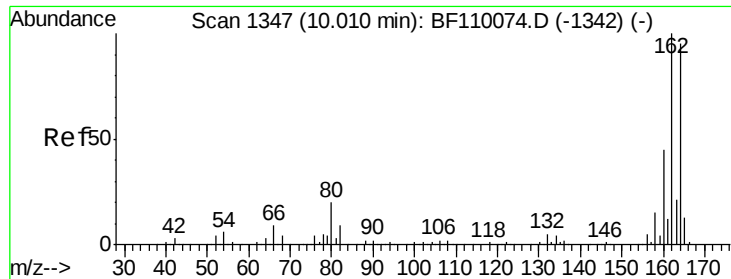
#25
 Isophorone
 Concen: 4.011 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.28 min
 Lab File: BF110208.D
 Acq: 26 Oct 2018 14:35

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. -0.02 min

Lab File: BF110208.D

Acq: 26 Oct 2018 14:35

Instrument :

BNA_F

ClientSampleId :

SB-7(0-2)RE

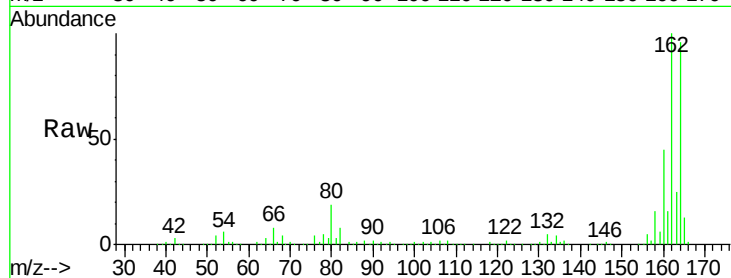
Tgt Ion:164 Resp: 227087

Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.6

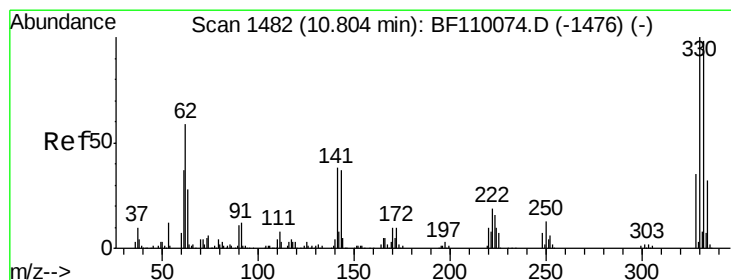
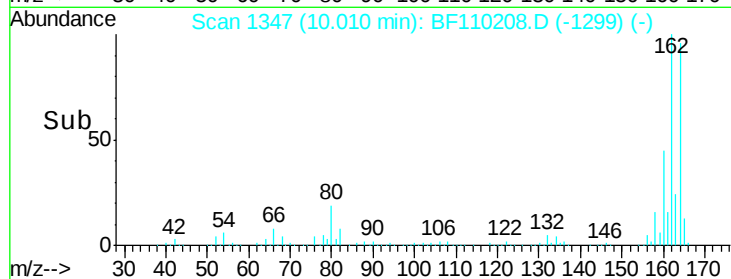
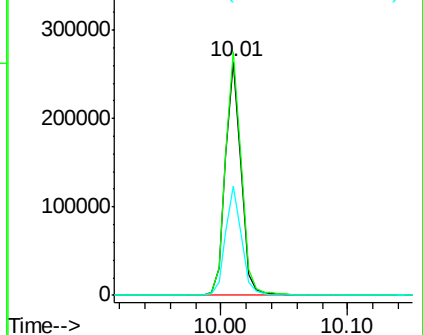
160 47.0 37.0 55.6



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: 6.765 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF110208.D

Acq: 26 Oct 2018 14:35

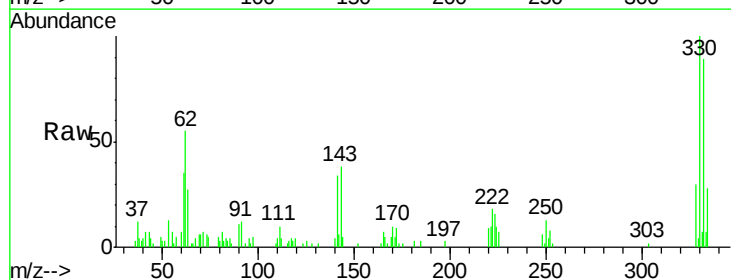
Tgt Ion:330 Resp: 15218

Ion Ratio Lower Upper

330 100

332 91.2 77.1 115.7

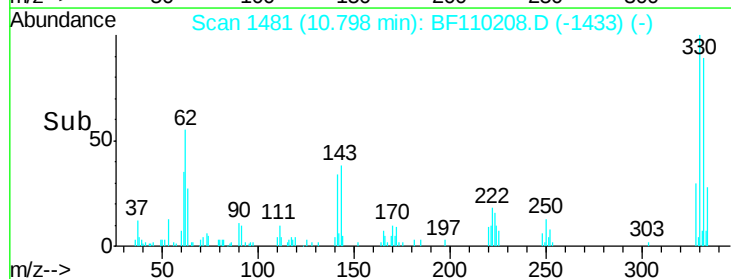
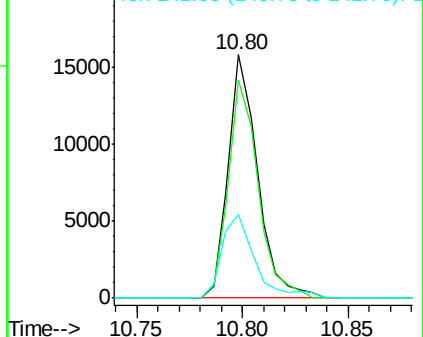
141 38.9 27.0 40.4

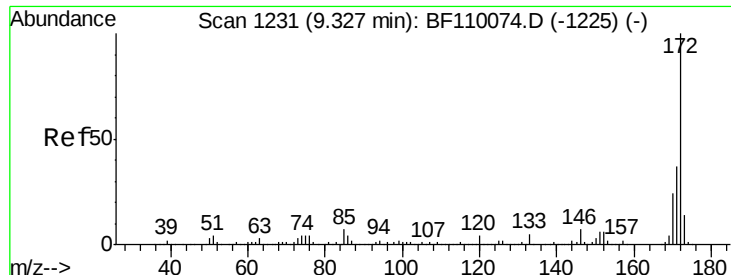


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

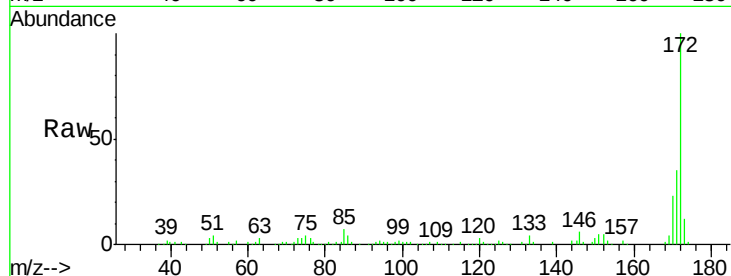




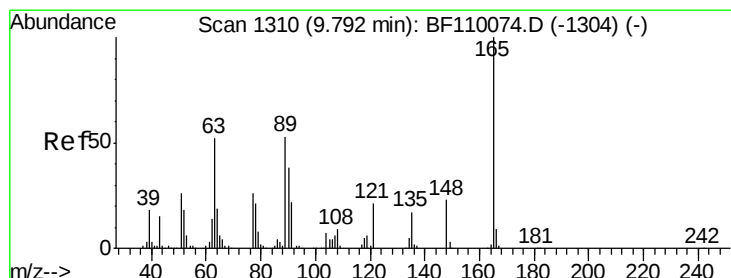
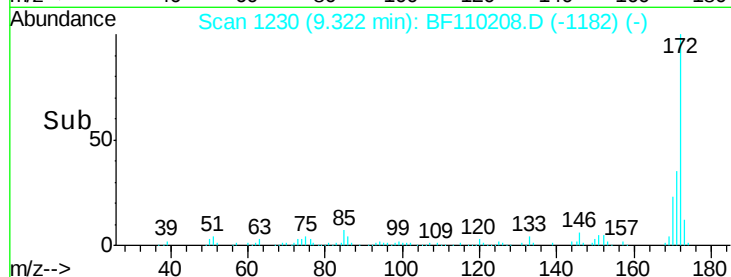
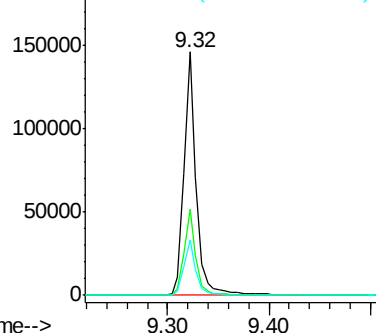
#45
 2-Fluorobiphenyl
 Concen: 8.494 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF110208.D
 Acq: 26 Oct 2018 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(0-2)RE

Tgt Ion:172 Resp: 122832
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 22.5 19.7 29.5

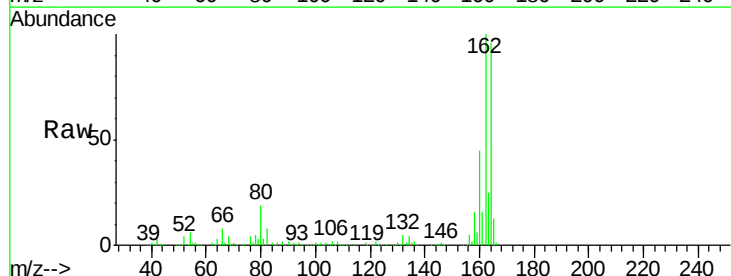


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

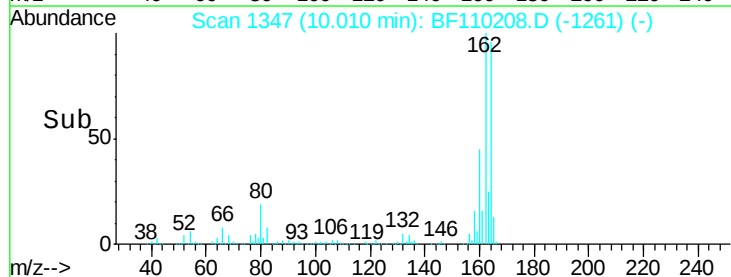
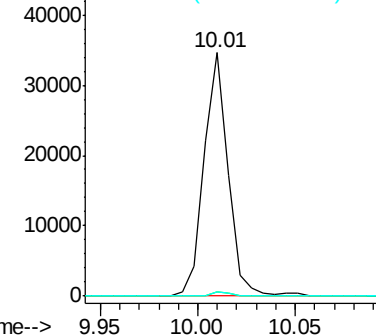


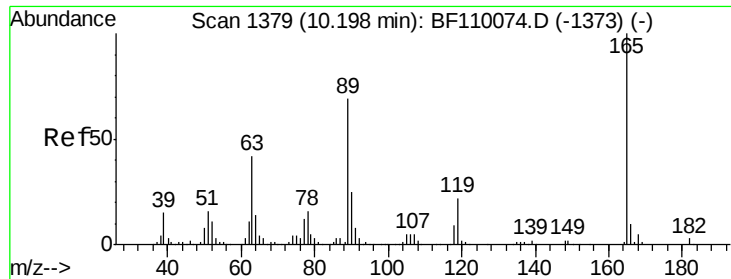
#51
 2,6-Dinitrotoluene
 Concen: 8.262 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.21 min
 Lab File: BF110208.D
 Acq: 26 Oct 2018 14:35

Tgt Ion:165 Resp: 29833
 Ion Ratio Lower Upper
 165 100
 63 1.5 48.9 73.3#
 89 1.8 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

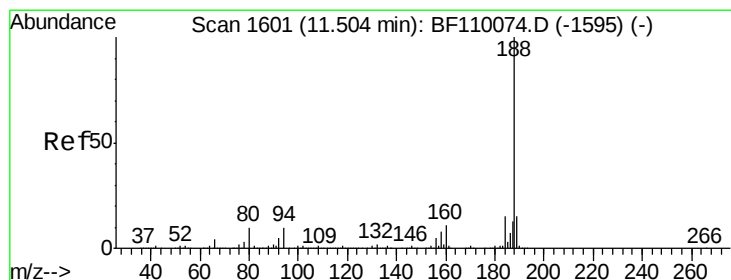
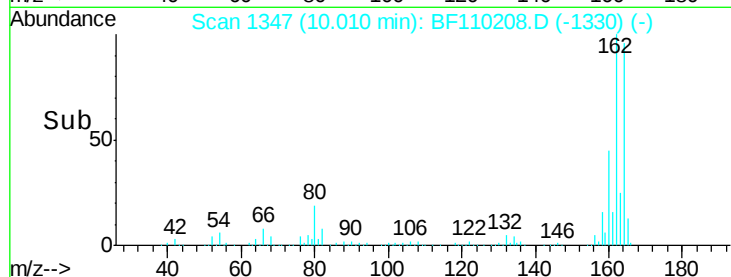
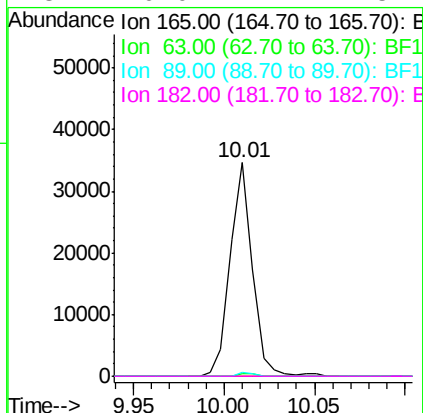
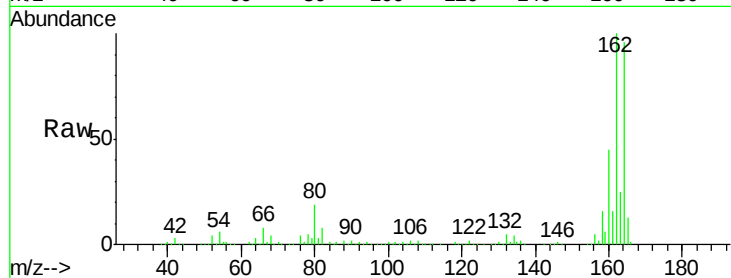




#57
 2,4-Dinitrotoluene
 Concen: 6.505 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.20 min
 Lab File: BF110208.D
 Acq: 26 Oct 2018 14:35

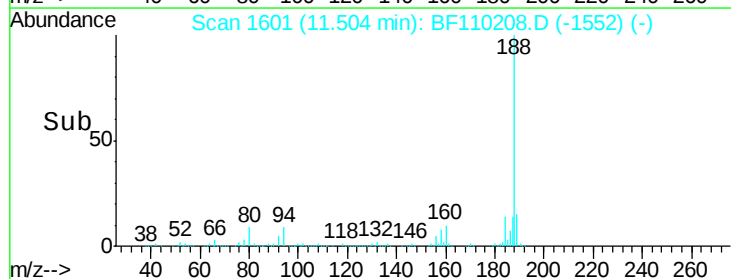
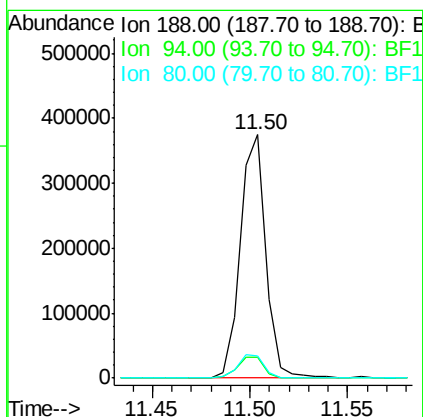
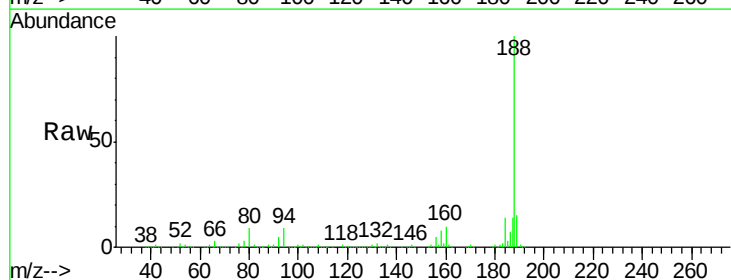
Instrument :
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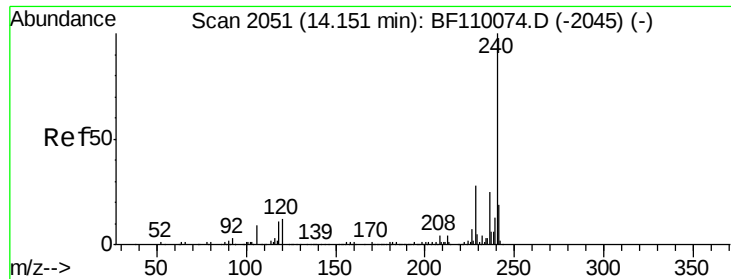
Tgt Ion:	165	Resp:	29834
Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	1.8	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF110208.D
 Acq: 26 Oct 2018 14:35

Tgt Ion:	188	Resp:	337882
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.3	7.9	11.9

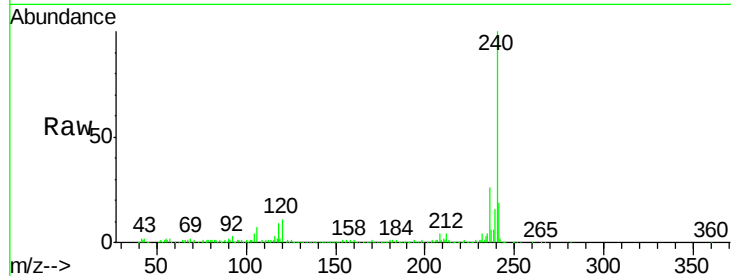




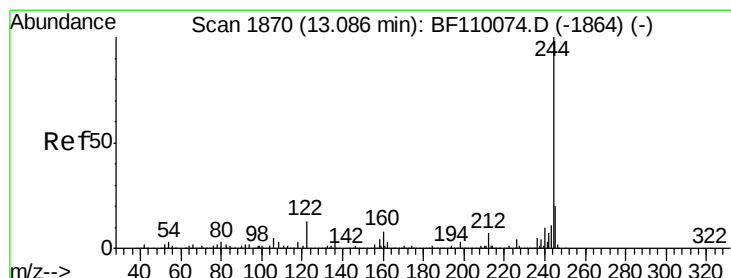
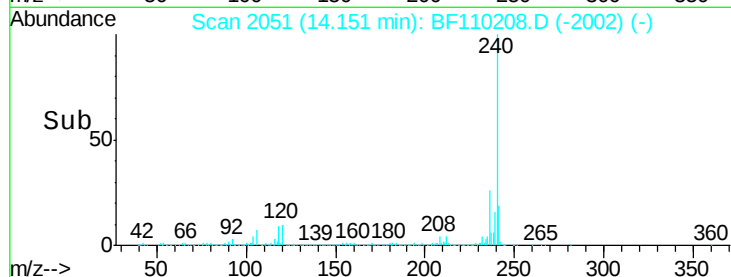
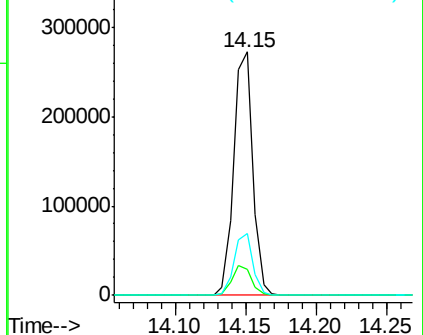
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110208.D
Acq: 26 Oct 2018 14:35

Instrument :
BNA_F
ClientSampleId :
SB-7(0-2)RE

Tgt Ion:240 Resp: 257299
Ion Ratio Lower Upper
240 100
120 10.5 8.3 12.5
236 25.7 21.2 31.8

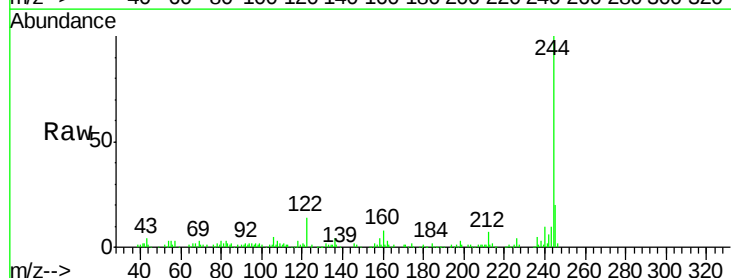


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

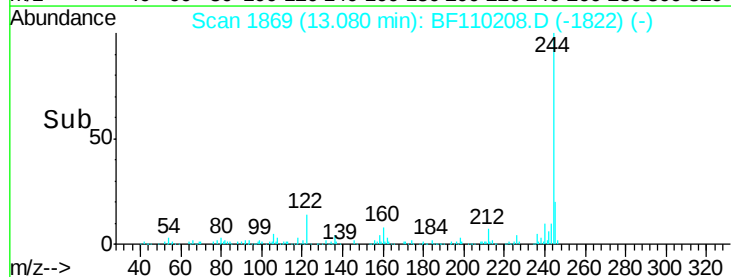
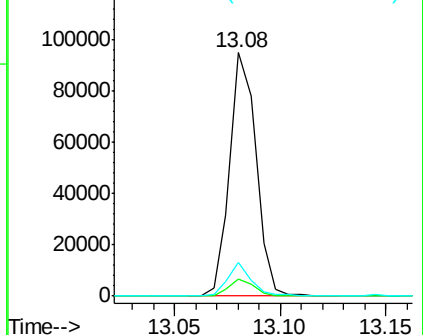


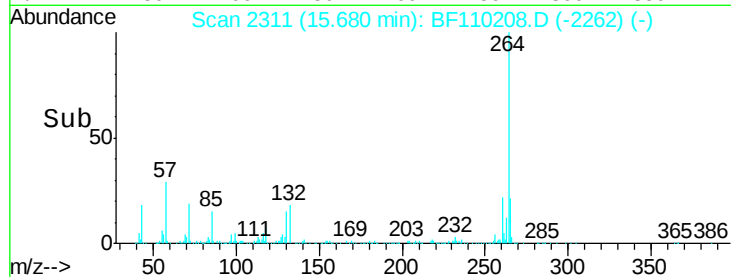
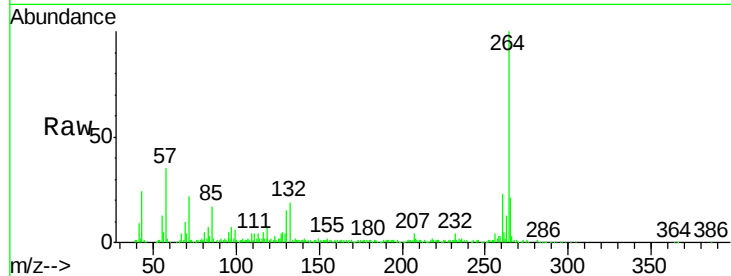
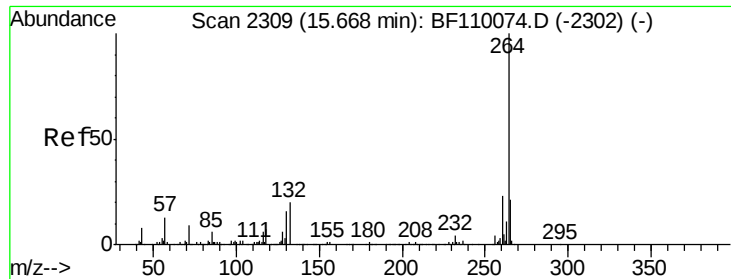
#79
Terphenyl-d14
Concen: 6.626 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BF110208.D
Acq: 26 Oct 2018 14:35

Tgt Ion:244 Resp: 81979
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 13.7 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: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF110208.D

Acq: 26 Oct 2018 14:35

Instrument :

BNA_F

ClientSampleId :

SB-7(0-2)RE

Tgt Ion:264 Resp: 176069

Ion Ratio Lower Upper

264 100

260 22.6 18.7 28.1

265 21.1 16.7 25.1

