

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110218.D
 Acq On : 26 Oct 2018 19:10
 Operator : JU/SJ
 Sample : J5624-07 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 23:40:33 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

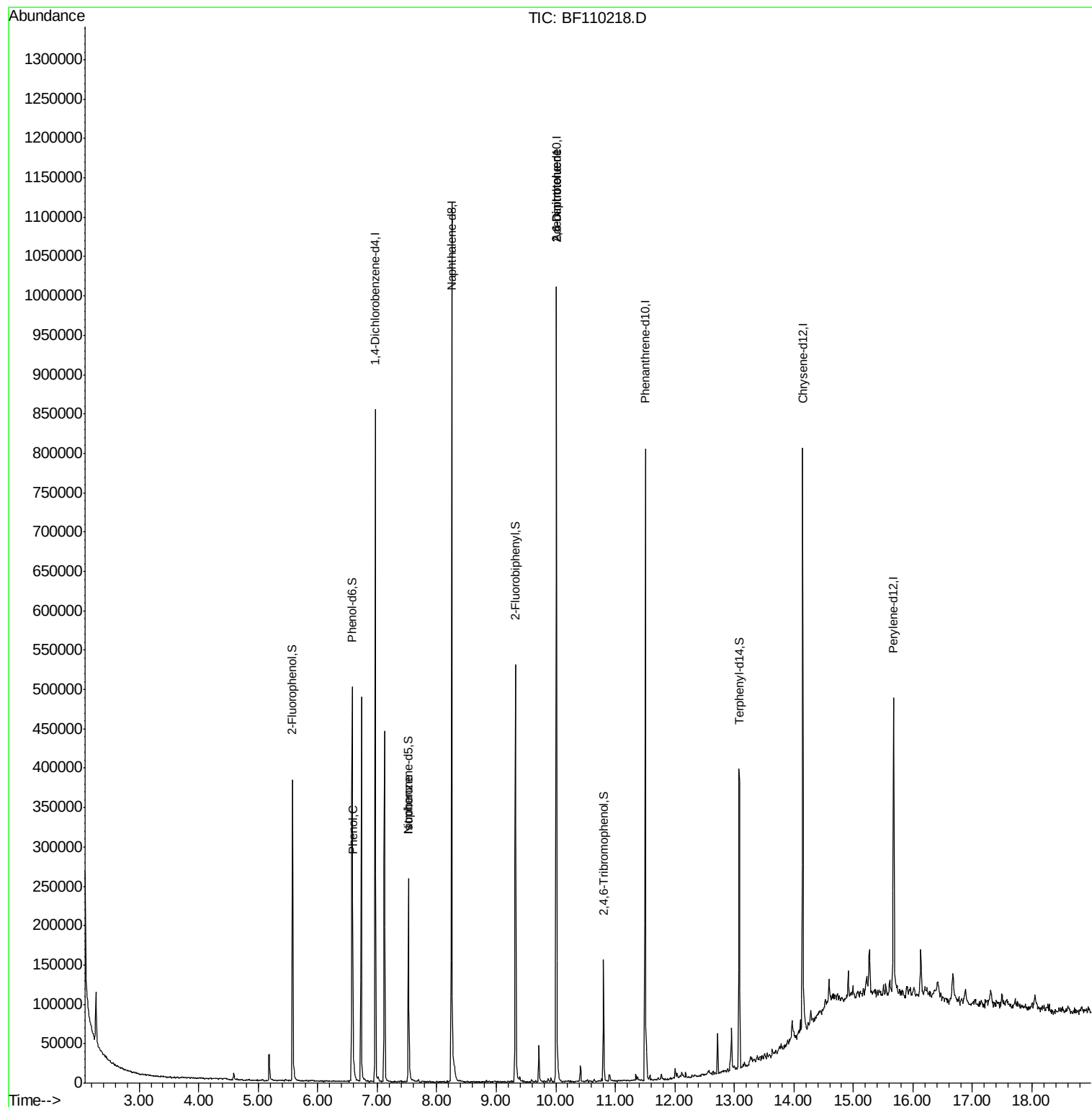
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	130445	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	517265	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	198344	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	311120	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	233715	20.00	ng	-0.01
87) Perylene-d12	15.67	264	155796	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	118886	14.84	ng	-0.02
7) Phenol-d6	6.58	99	159562	15.57	ng	-0.02
23) Nitrobenzene-d5	7.52	82	92793	10.64	ng	-0.03
42) 2,4,6-Tribromophenol	10.80	330	18478	9.40	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	177808	14.08	ng	-0.02
79) Terphenyl-d14	13.09	244	125939	11.21	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.58	77	300	Below Cal	Qvalue	# 1
10) Phenol	6.59	94	22038	2.012 ng	#	66
25) Isophorone	7.52	82	92792	6.242 ng	#	67
51) 2,6-Dinitrotoluene	10.01	165	25505	8.087 ng	#	22
57) 2,4-Dinitrotoluene	10.01	165	25505	6.367 ng	#	19

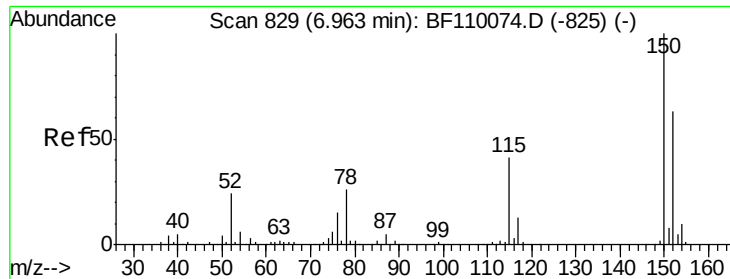
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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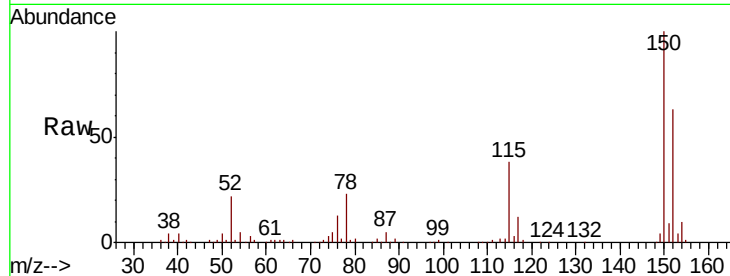


#1

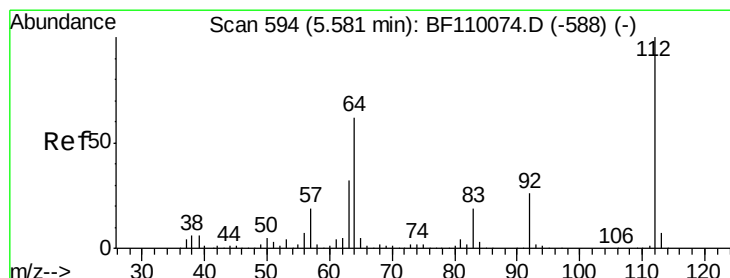
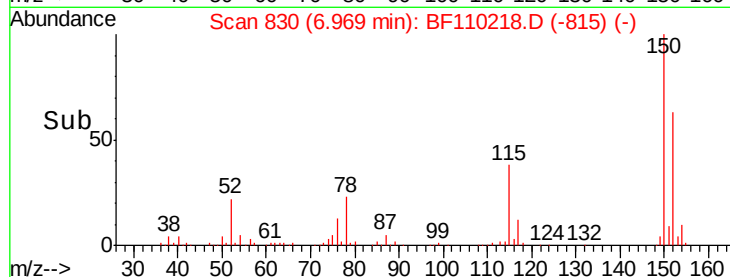
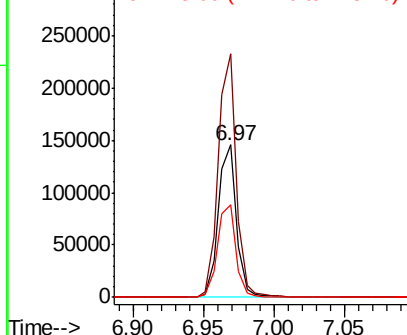
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110218.D
Acq: 26 Oct 2018 19:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 130445
Ion Ratio Lower Upper
152 100
150 160.0 122.7 184.1
115 61.0 49.1 73.7



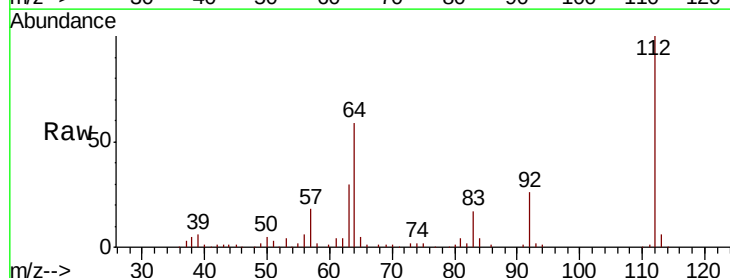
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



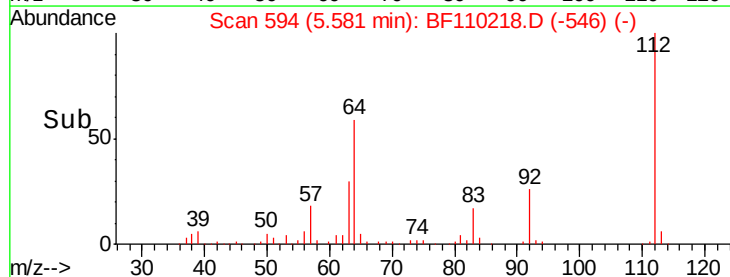
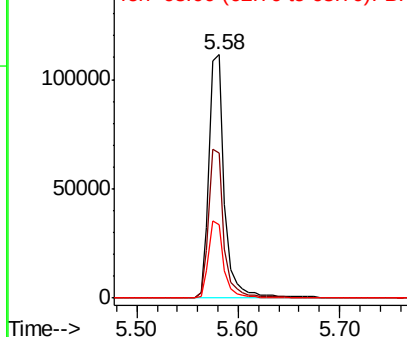
#5

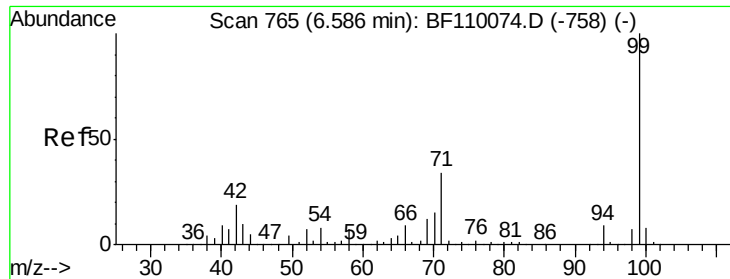
2-Fluorophenol
Concen: 14.842 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110218.D
Acq: 26 Oct 2018 19:10

Tgt Ion:112 Resp: 118886
Ion Ratio Lower Upper
112 100
64 59.3 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: 15.573 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110218.D

Acq: 26 Oct 2018 19:10

Instrument :

BNA_F

ClientSampled :

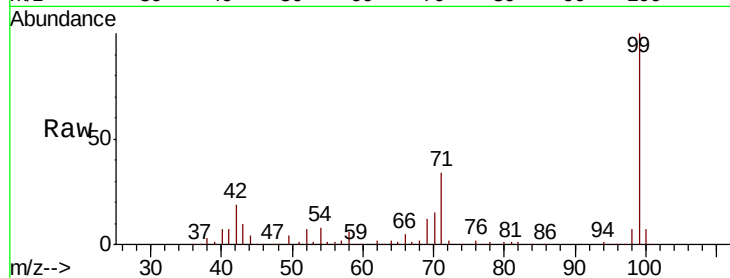
Tot Ion: 99 Resp: 159562

Ion Ratio Lower Upper

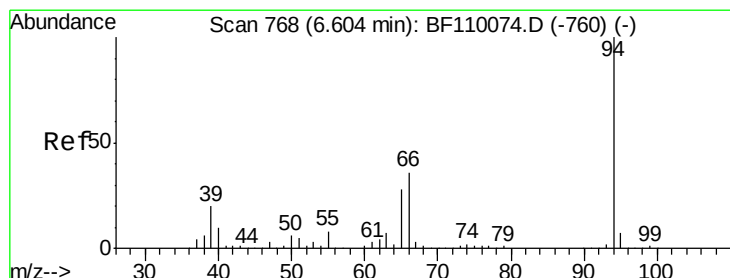
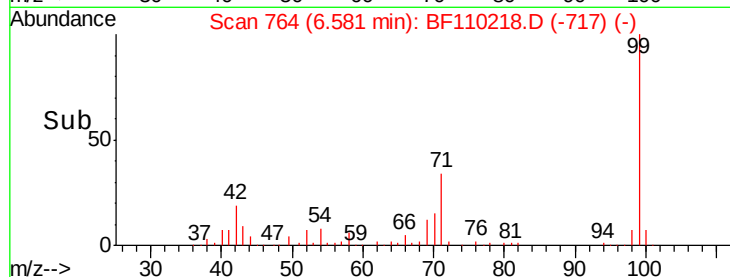
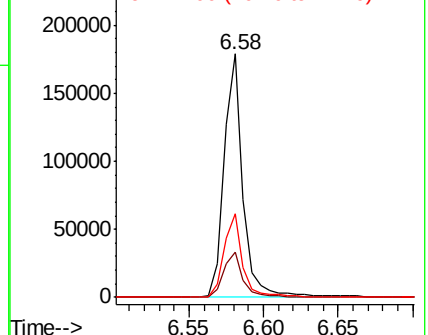
99 100

42 18.7 15.8 23.6

71 34.1 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: 2.012 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110218.D

Acq: 26 Oct 2018 19:10

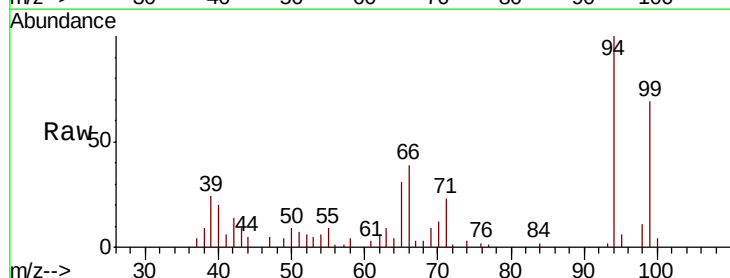
Tgt Ion: 94 Resp: 22038

Ion Ratio Lower Upper

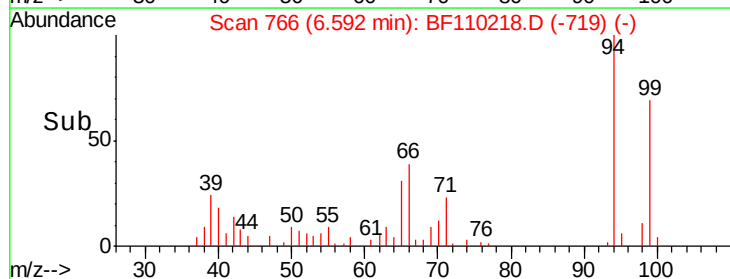
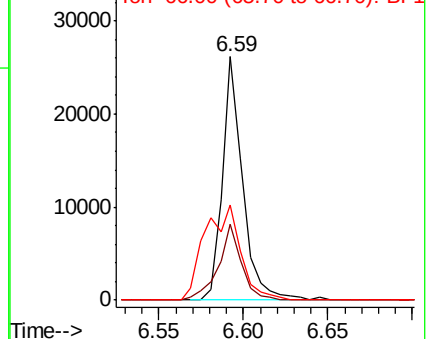
94 100

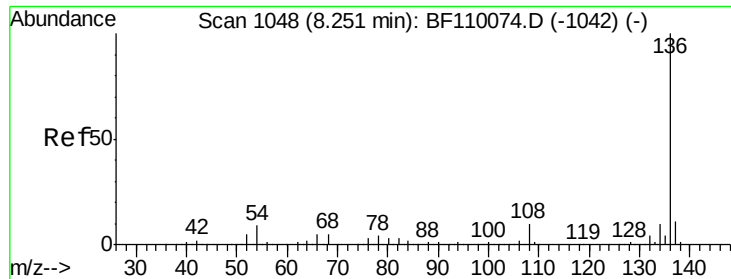
65 31.1 25.3 65.3

66 39.0 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110218.D

Acq: 26 Oct 2018 19:10

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 517265

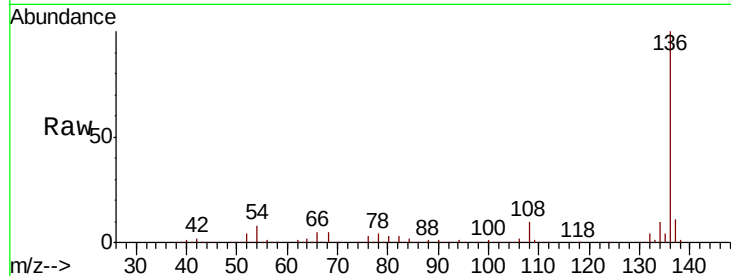
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.1 5.4 8.2

68 5.3 4.2 6.2

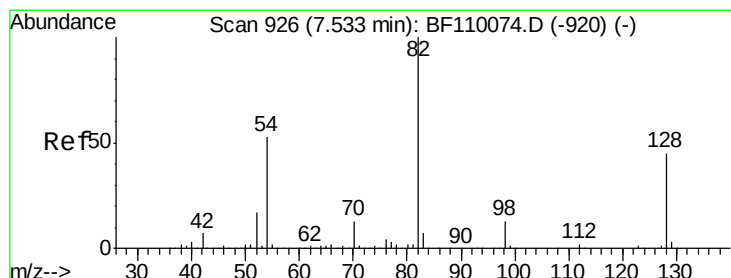
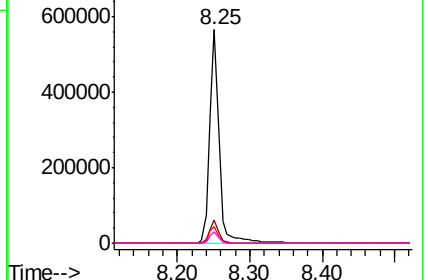
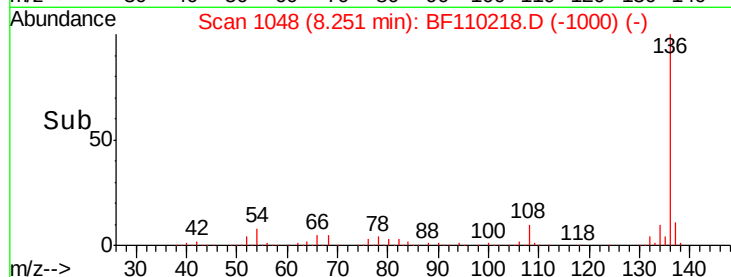


Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.640 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.03 min

Lab File: BF110218.D

Acq: 26 Oct 2018 19:10

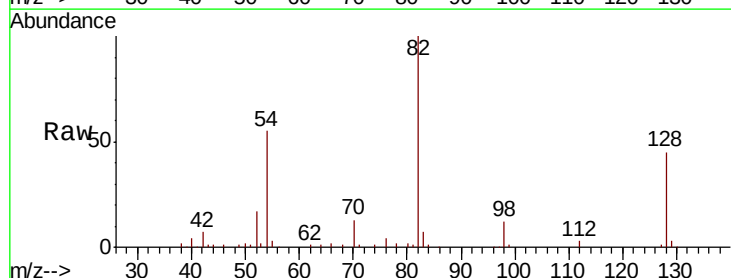
Tgt Ion: 82 Resp: 92793

Ion Ratio Lower Upper

82 100

128 44.5 34.2 51.2

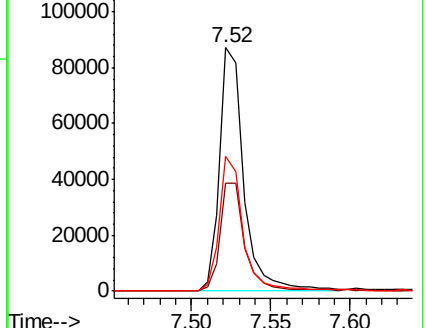
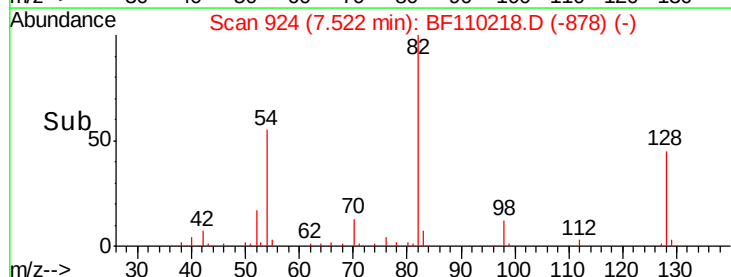
54 55.4 38.6 58.0

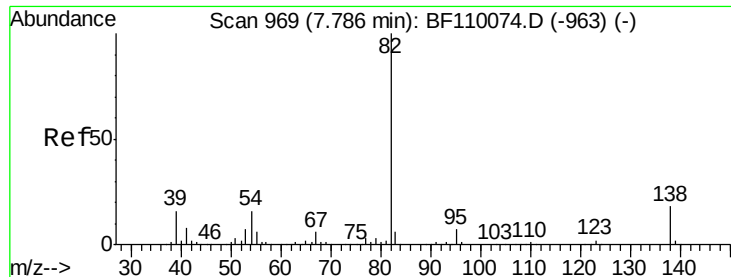


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

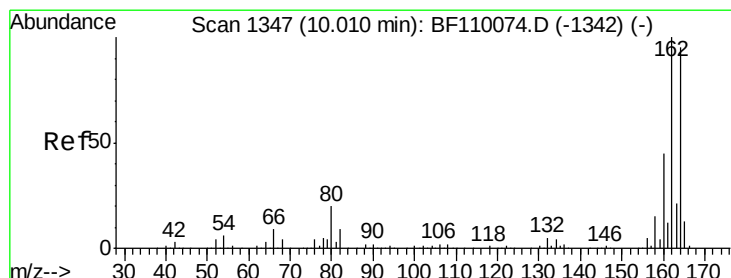
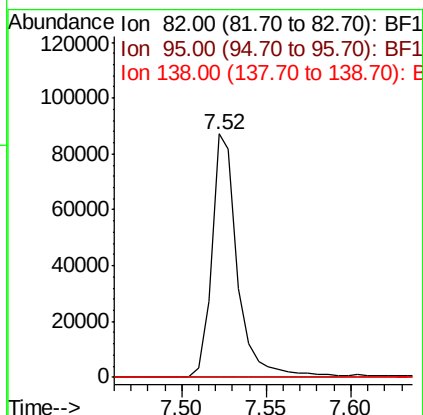
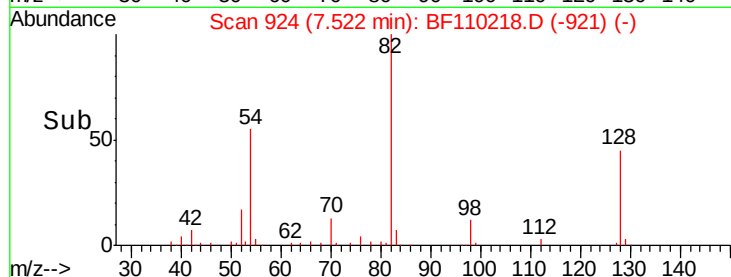
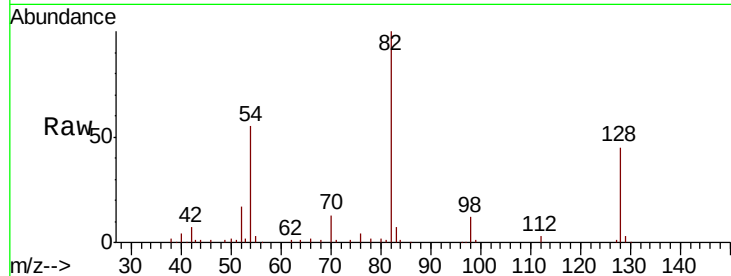




#25
Isophorone
Concen: 6.242 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.28 min
Lab File: BF110218.D
Acq: 26 Oct 2018 19:10

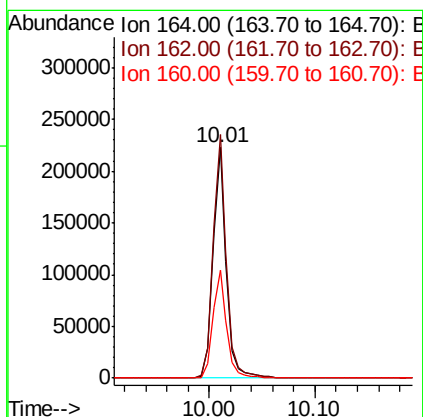
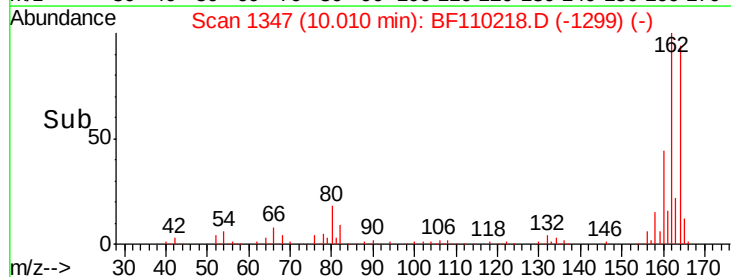
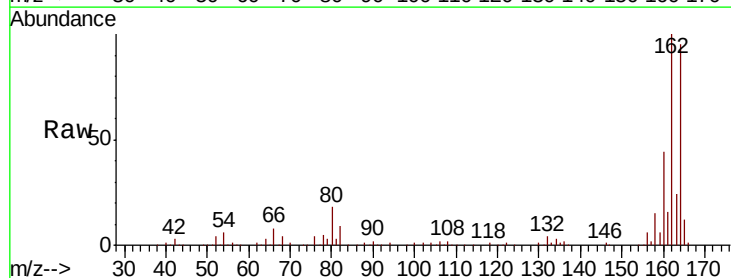
Instrument :
BNA_F
ClientSampled :

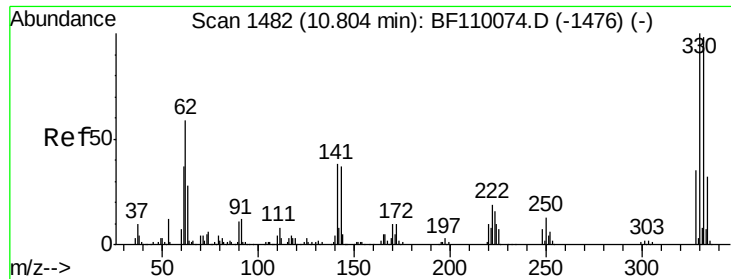
Tot Ion: 82 Resp: 92792
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110218.D
Acq: 26 Oct 2018 19:10

Tgt Ion:164 Resp: 198344
Ion Ratio Lower Upper
164 100
162 105.7 83.0 124.6
160 46.7 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 9.405 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF110218.D

Acq: 26 Oct 2018 19:10

Instrument :

BNA_F

ClientSampleId :

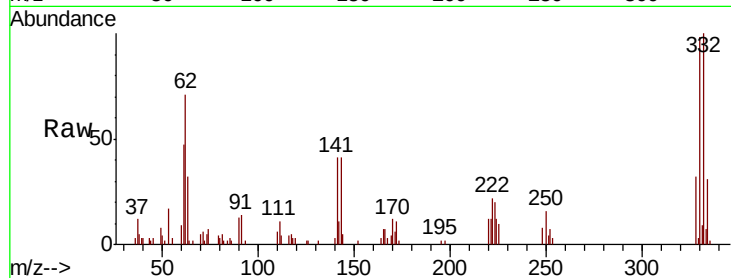
Tot Ion:330 Resp: 18478

Ion Ratio Lower Upper

330 100

332 100.0 77.1 115.7

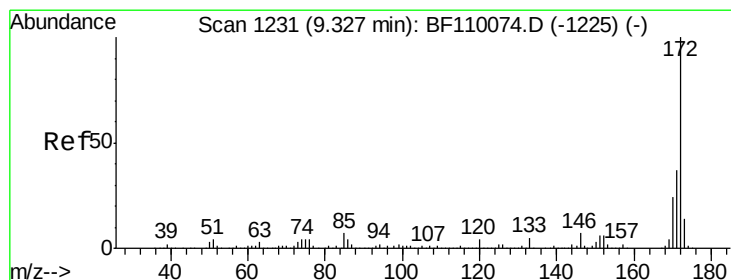
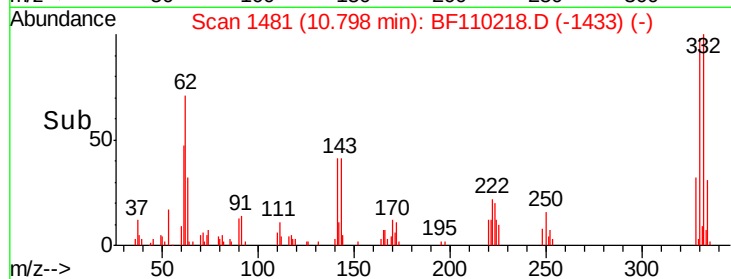
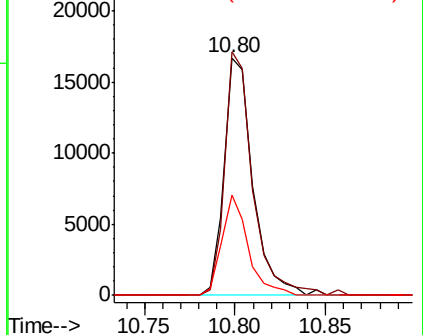
141 38.1 27.0 40.4



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: 14.077 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.02 min

Lab File: BF110218.D

Acq: 26 Oct 2018 19:10

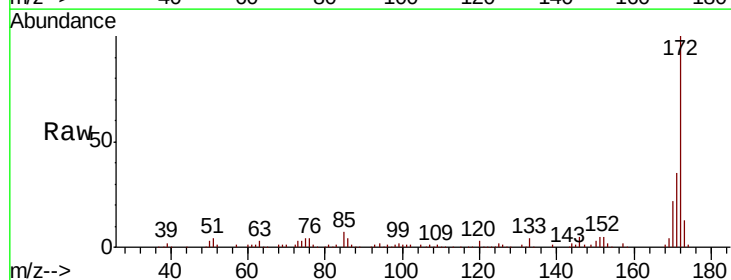
Tgt Ion:172 Resp: 177808

Ion Ratio Lower Upper

172 100

171 35.1 28.6 43.0

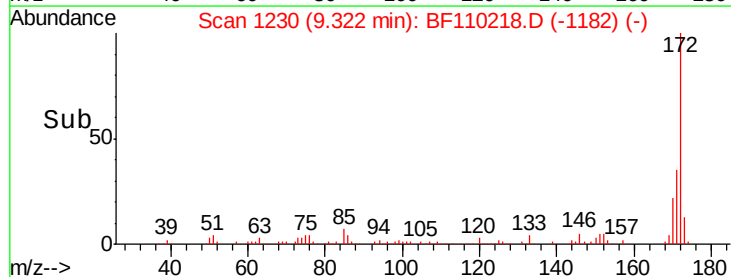
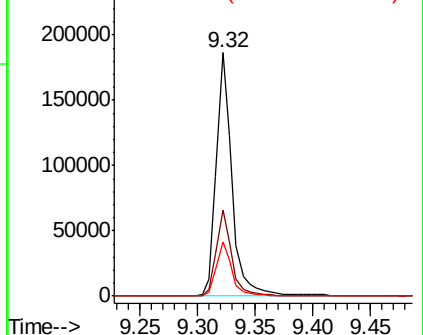
170 22.3 19.7 29.5

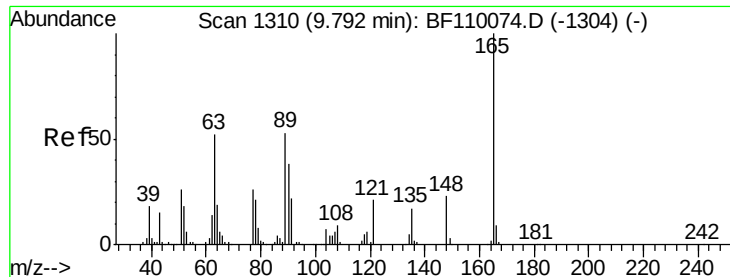


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 8.087 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.21 min

Lab File: BF110218.D

Acq: 26 Oct 2018 19:10

Instrument :

BNA_F

ClientSampleId :

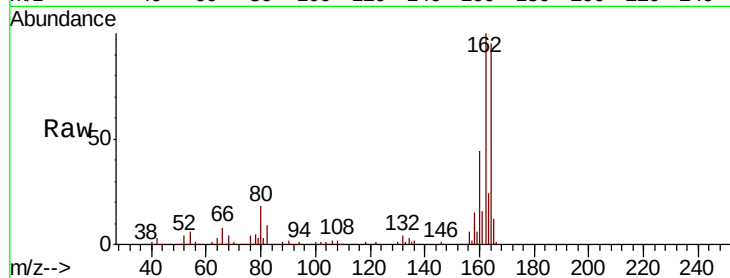
Tot Ion:165 Resp: 25505

Ion Ratio Lower Upper

165 100

63 1.1 48.9 73.3#

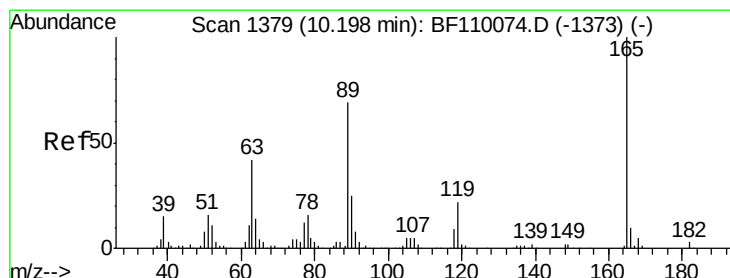
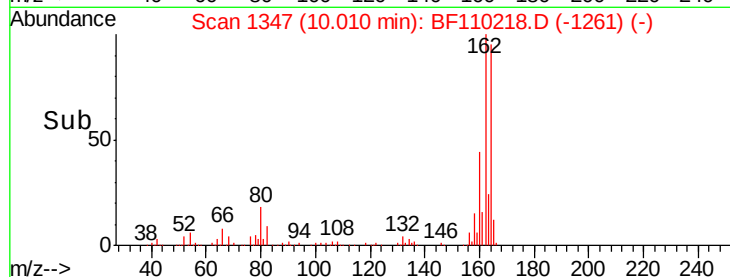
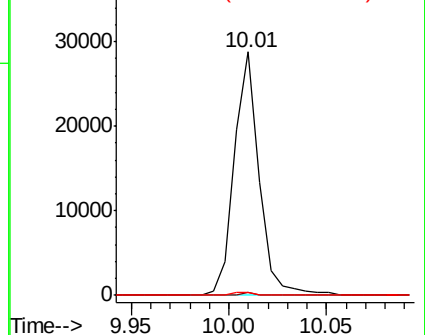
89 1.2 46.6 69.8#



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: 6.367 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.20 min

Lab File: BF110218.D

Acq: 26 Oct 2018 19:10

Tgt Ion:165 Resp: 25505

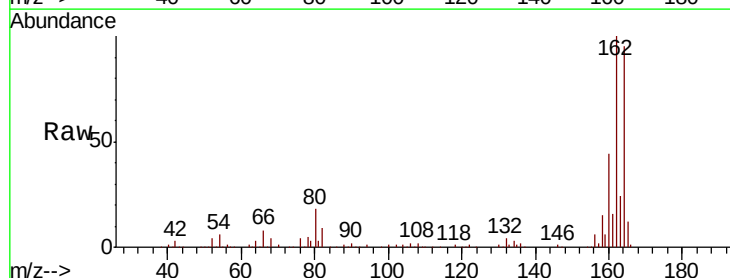
Ion Ratio Lower Upper

165 100

63 1.1 44.8 67.2#

89 1.2 62.2 93.4#

182 0.0 2.1 3.1#

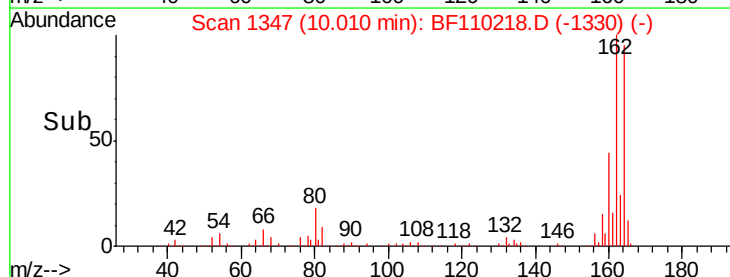
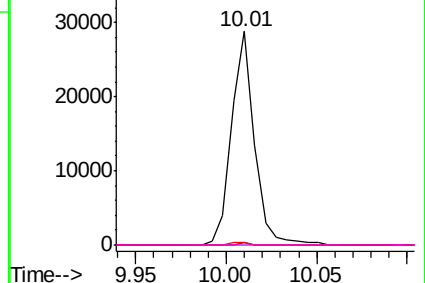


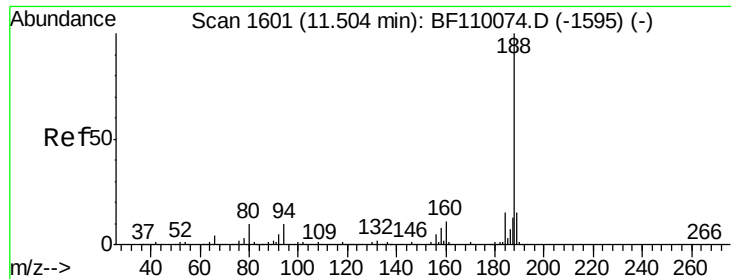
Abundance Ion 165.00 (164.70 to 165.70): E

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

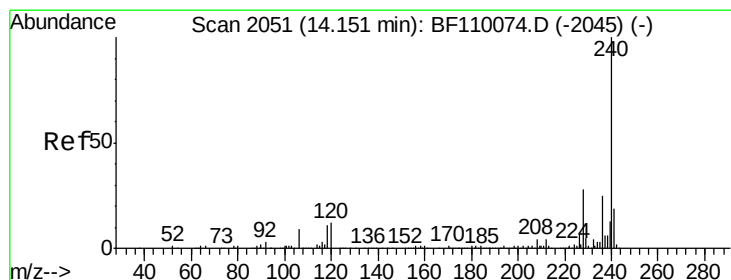
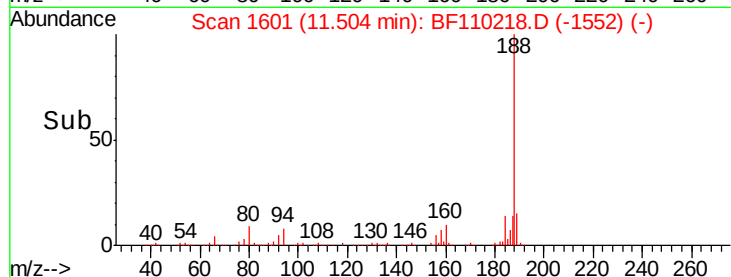
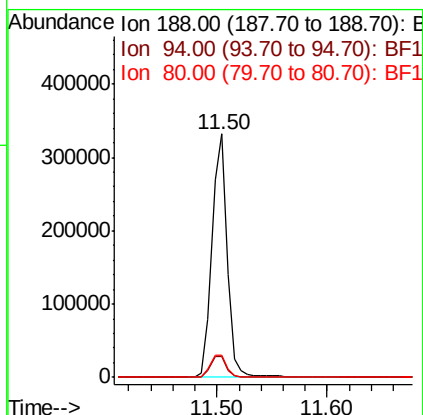
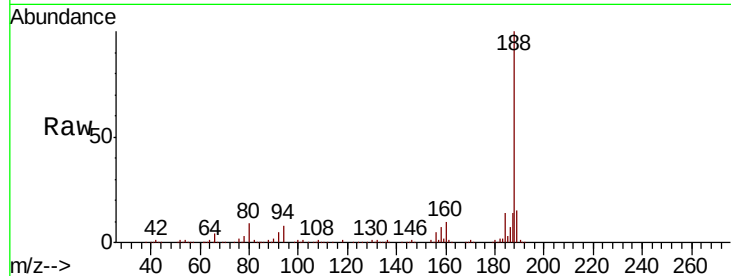




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110218.D
Acq: 26 Oct 2018 19:10

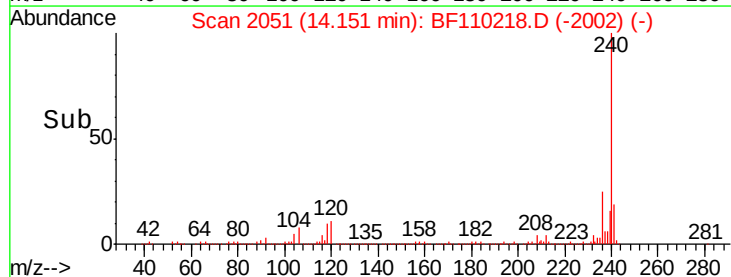
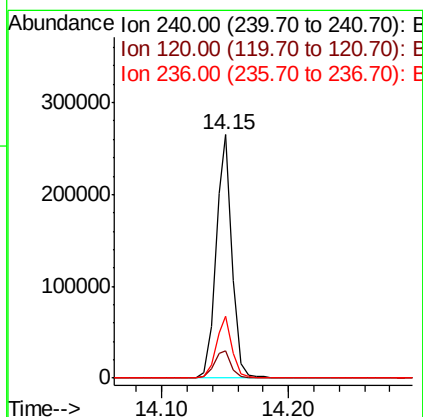
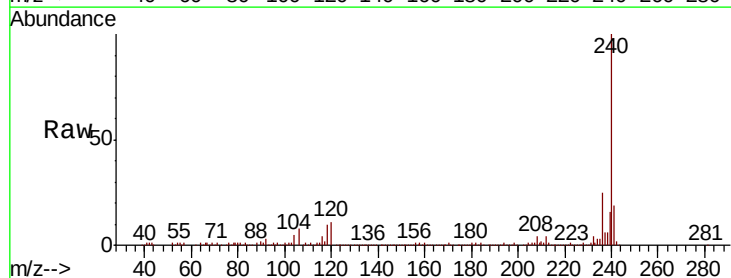
Instrument :
BNA_F
ClientSampleId :

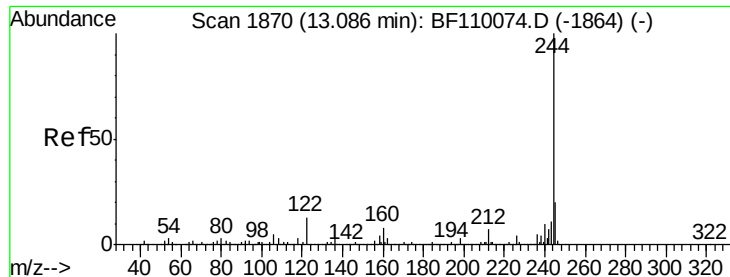
Tot Ion:188 Resp: 311120
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 8.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110218.D
Acq: 26 Oct 2018 19:10

Tgt Ion:240 Resp: 233715
Ion Ratio Lower Upper
240 100
120 11.3 8.3 12.5
236 25.3 21.2 31.8





#79

Terphenyl-d14

Concen: 11.207 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110218.D

Acq: 26 Oct 2018 19:10

Instrument :

BNA_F

ClientSampleId :

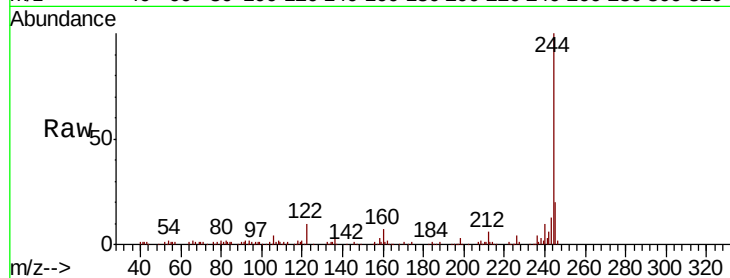
Tot Ion:244 Resp: 125939

Ion Ratio Lower Upper

244 100

212 6.2 5.8 8.8

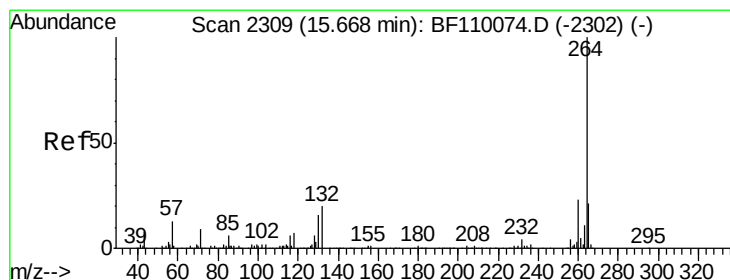
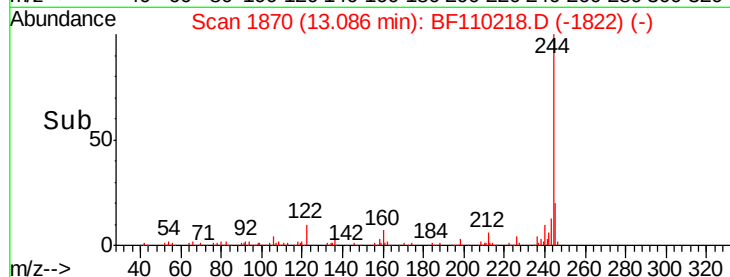
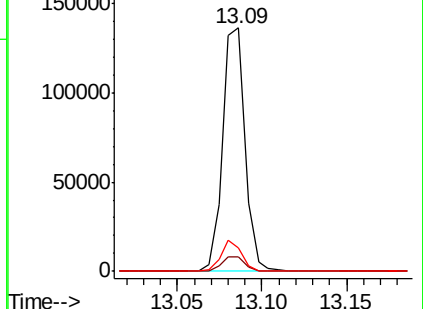
122 9.8 8.7 13.1



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: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110218.D

Acq: 26 Oct 2018 19:10

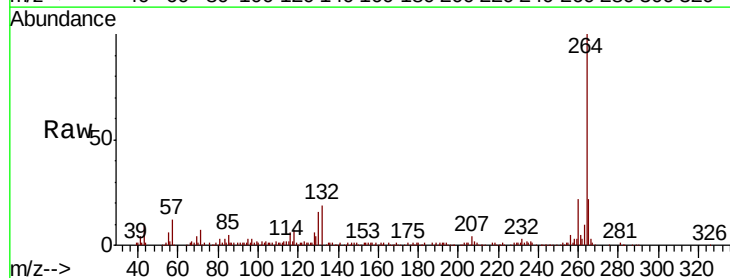
Tgt Ion:264 Resp: 155796

Ion Ratio Lower Upper

264 100

260 22.1 18.7 28.1

265 22.1 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

