

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111618\
 Data File : BF110833.D
 Acq On : 16 Nov 2018 22:44
 Operator : JU/SJ
 Sample : J5975-03 50X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB44949

Quant Time: Nov 16 23:29:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

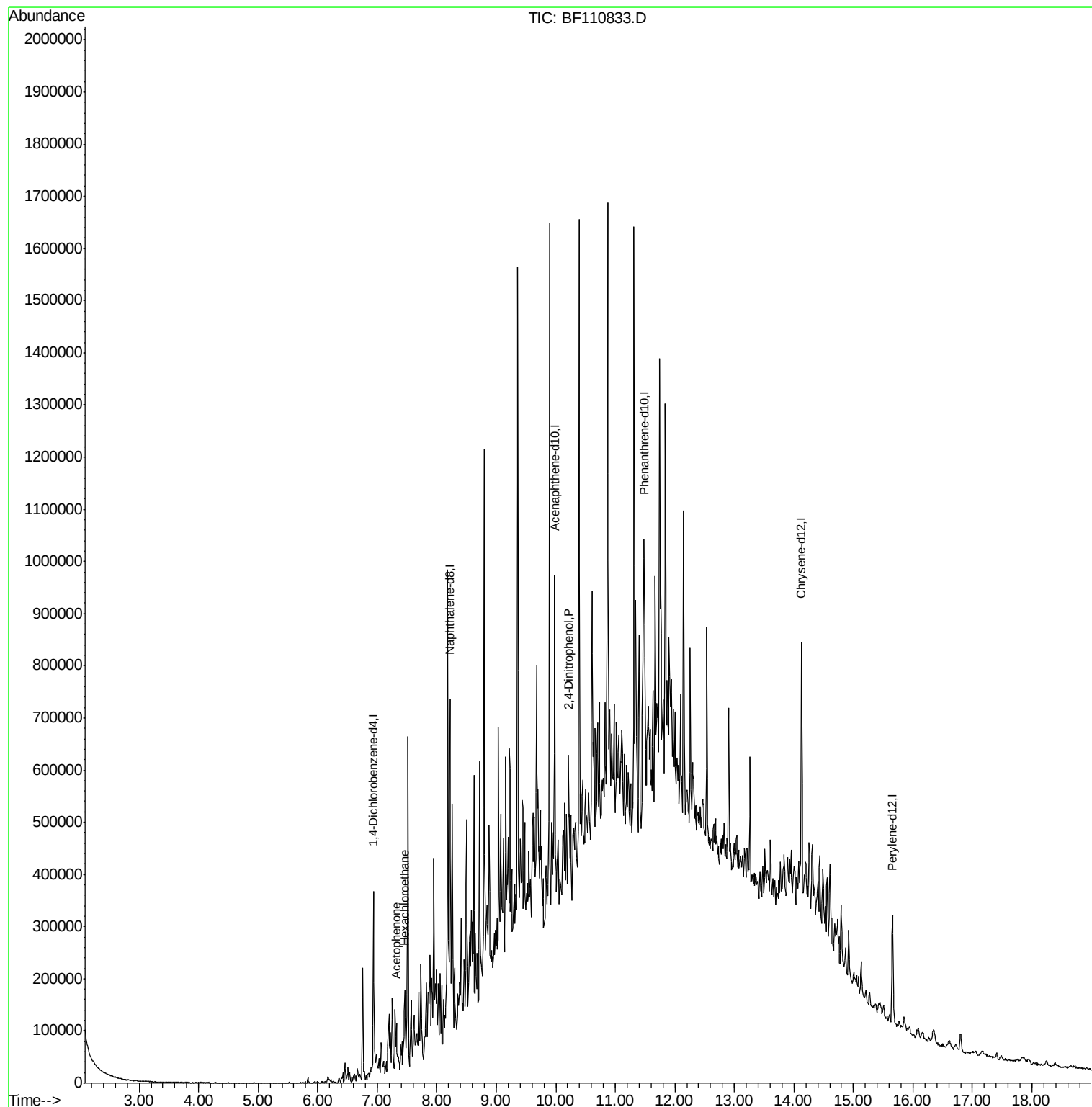
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	57472	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	249629	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	113097	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	177386	20.00	ng	0.00
76) Chrysene-d12	14.13	240	143913	20.00	ng	-0.01
87) Perylene-d12	15.66	264	112280	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.45	99	255	0.06	ng	-0.12
23) Nitrobenzene-d5	7.53	82	1390	0.32	ng	0.02
42) 2,4,6-Tribromophenol	10.79	330	265	0.23	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	4976	0.63	ng	-0.01
79) Terphenyl-d14	13.06	244	3931	0.51	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.49	77	472	Below Cal		Qvalue # 1
18) Hexachloroethane	7.46	117	5864	3.447 ng	#	1
22) Acetophenone	7.32	105	15583	2.679 ng	#	62
54) 2,4-Dinitrophenol	10.21	184	114	4.847 ng	#	1

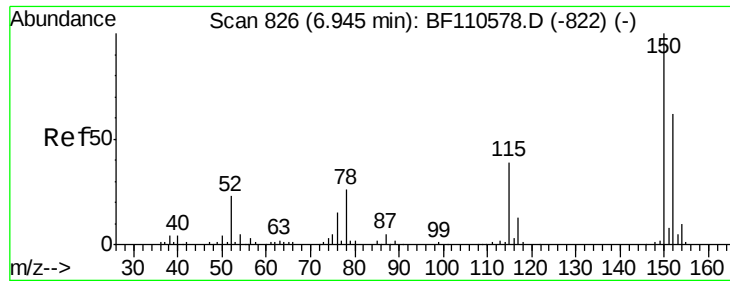
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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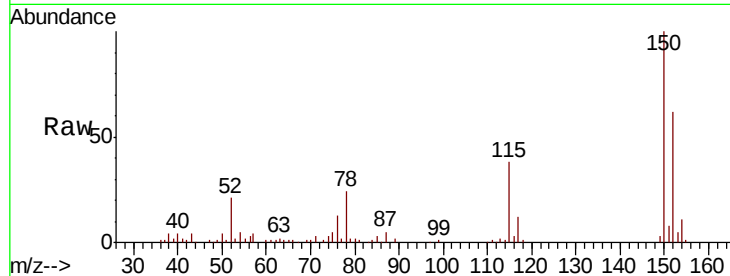


#1

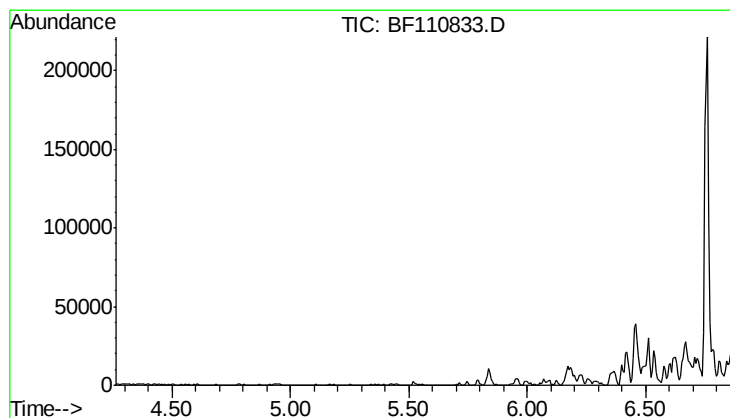
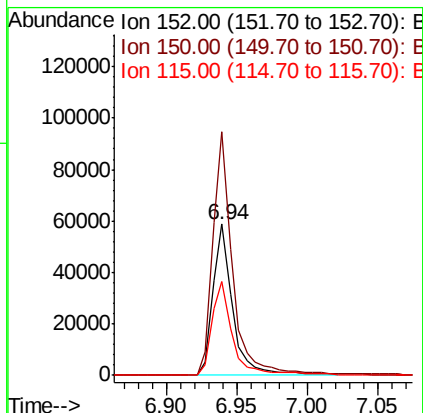
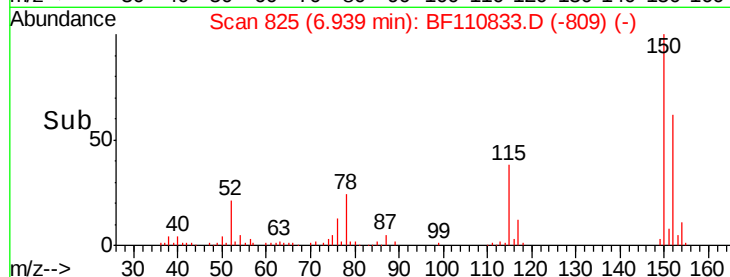
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110833.D
Acq: 16 Nov 2018 22:44

Instrument :
BNA_F
ClientSampleId :
VB44949

Tgt Ion:152 Resp: 57472
Ion Ratio Lower Upper
152 100
150 161.4 122.7 184.1
115 62.1 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

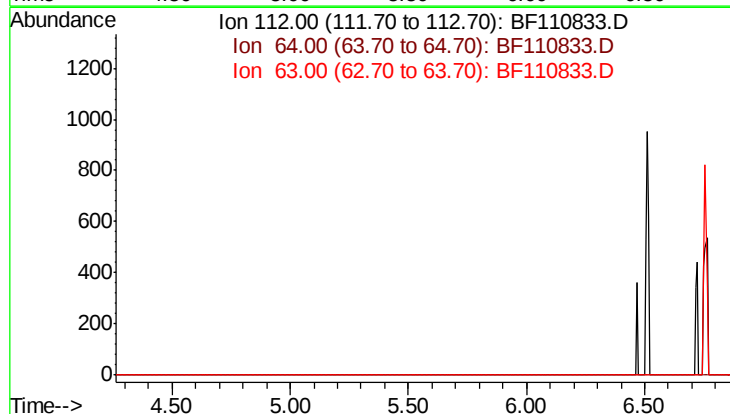


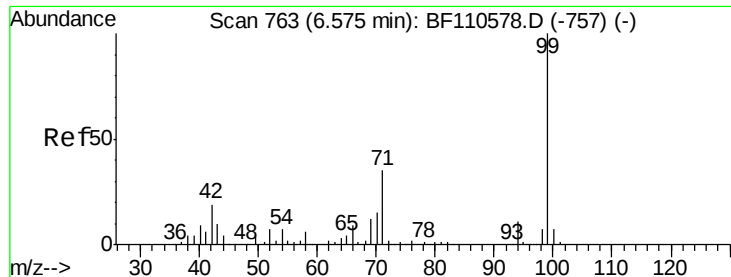
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.56 min

Lab File: BF110833.D
Acq: 16 Nov 2018 22:44

Tgt Ion: 112
Sig Exp Ratio
112 100
64 55.1
63 29.6





#7

Phenol-d6

Concen: 0.056 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.12 min

Lab File: BF110833.D

Acq: 16 Nov 2018 22:44

Instrument :

BNA_F

ClientSampleId :

VB44949

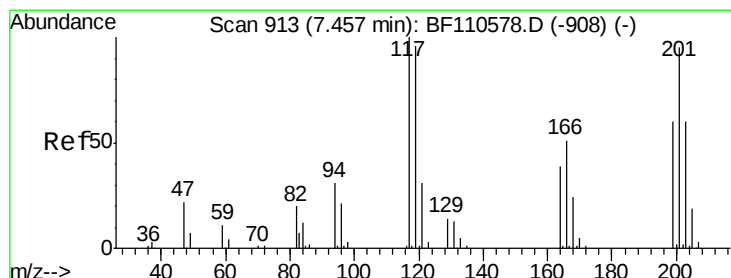
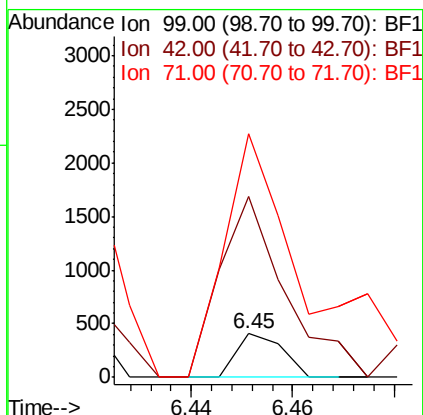
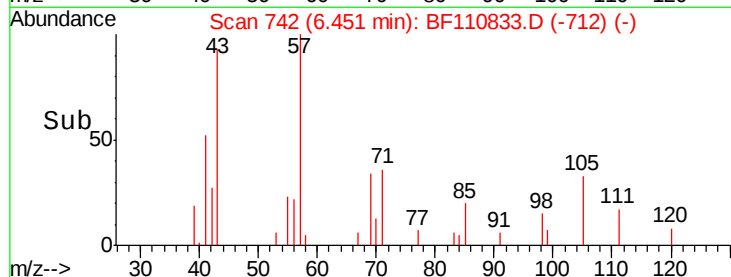
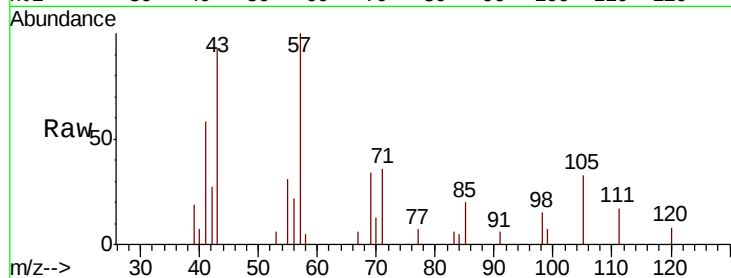
Tgt Ion: 99 Resp: 255

Ion Ratio Lower Upper

99 100

42 414.5 15.8 23.6#

71 556.6 28.0 42.0#



#18

Hexachloroethane

Concen: 3.447 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF110833.D

Acq: 16 Nov 2018 22:44

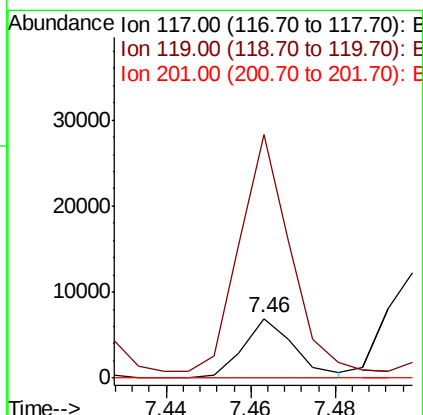
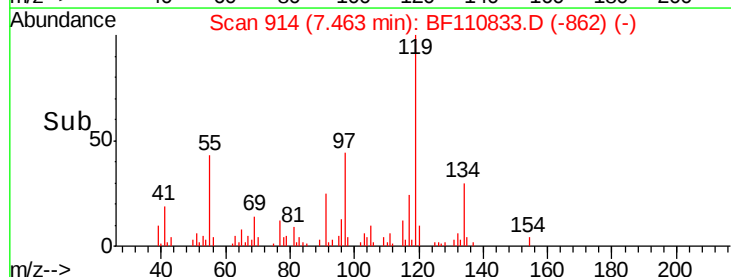
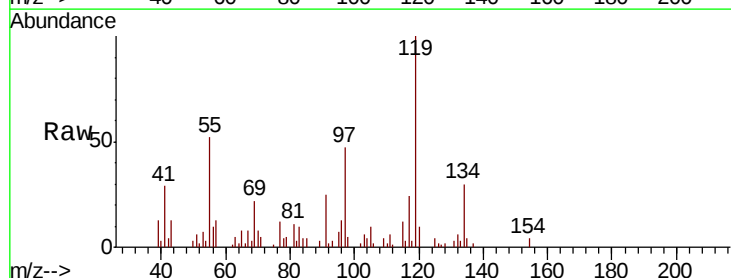
Tgt Ion: 117 Resp: 5864

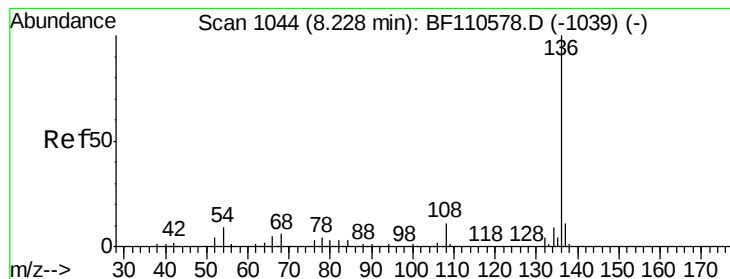
Ion Ratio Lower Upper

117 100

119 409.4 75.0 112.6#

201 0.0 79.2 118.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110833.D

Acq: 16 Nov 2018 22:44

Instrument :

BNA_F

ClientSampleId :

VB44949

Tgt Ion:136 Resp: 249629

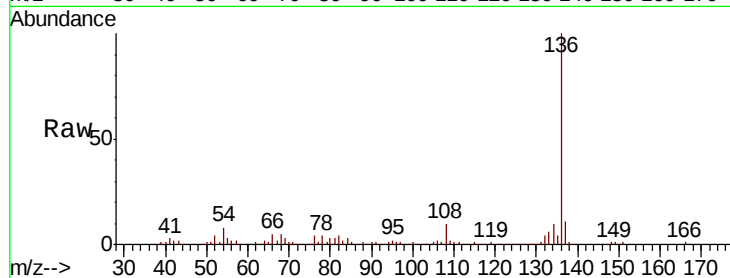
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.9 5.4 8.2

68 5.3 4.2 6.2

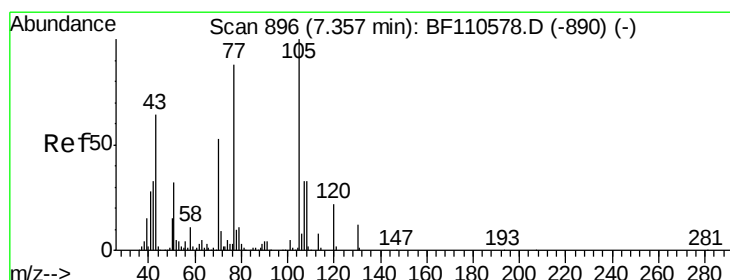
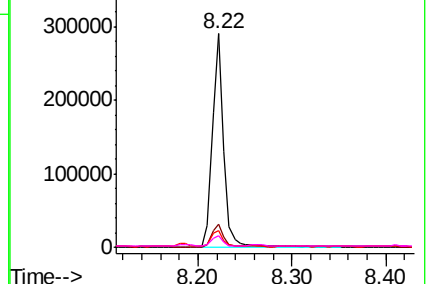
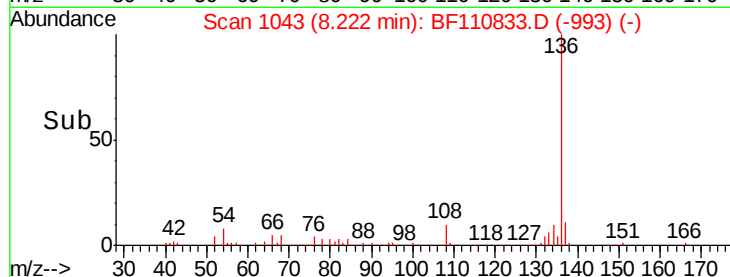


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 2.679 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.04 min

Lab File: BF110833.D

Acq: 16 Nov 2018 22:44

Tgt Ion:105 Resp: 15583

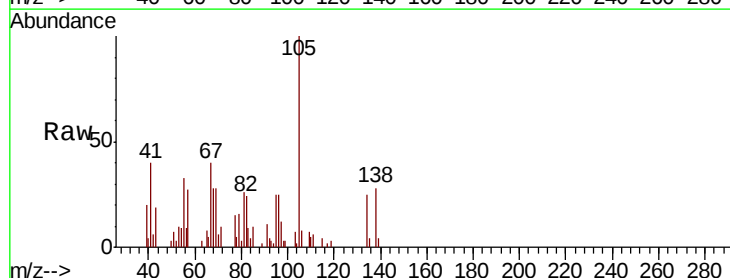
Ion Ratio Lower Upper

105 100

71 10.0 5.2 7.8#

51 6.9 21.8 32.8#

120 0.0 17.0 25.4#

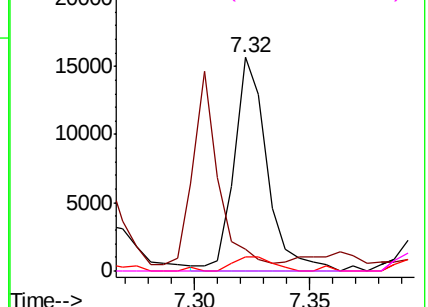
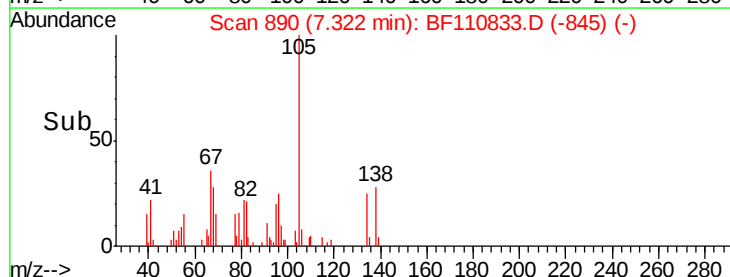


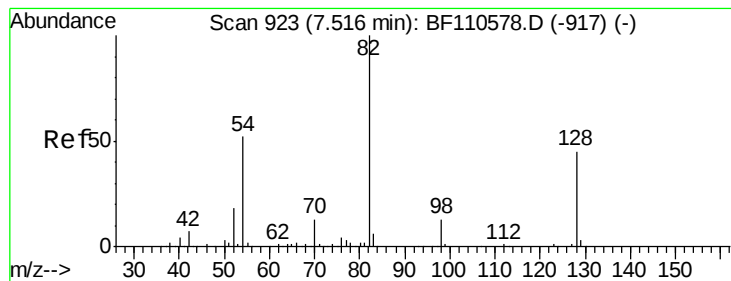
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 0.321 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.02 min

Lab File: BF110833.D

Acq: 16 Nov 2018 22:44

Instrument :

BNA_F

ClientSampleId :

VB44949

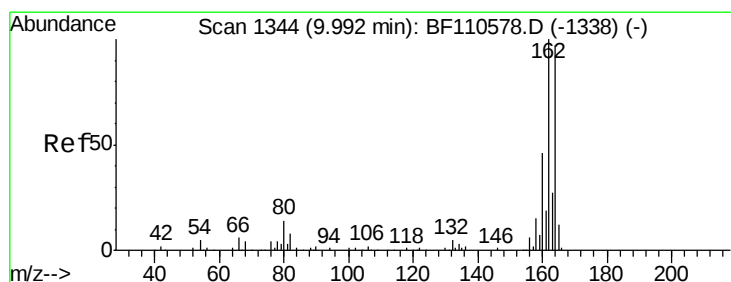
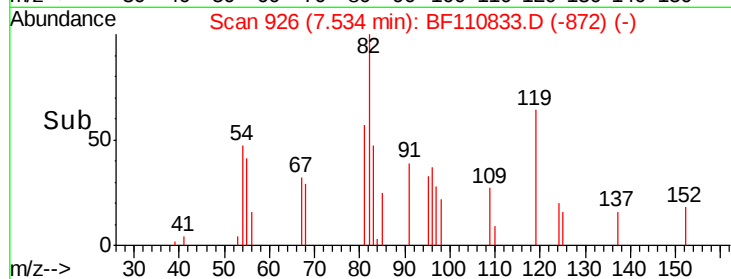
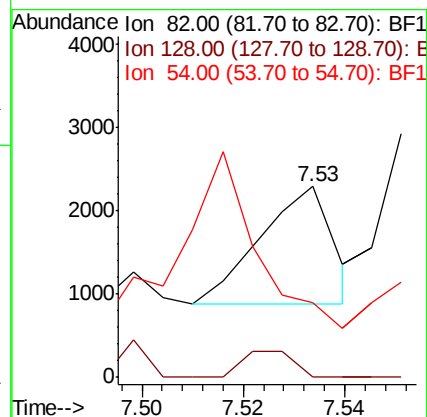
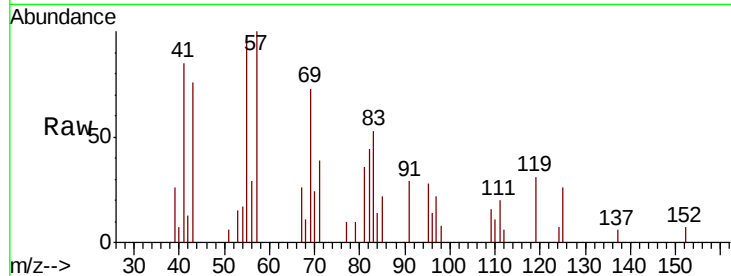
Tgt Ion: 82 Resp: 1390

Ion Ratio Lower Upper

82 100

128 0.0 34.2 51.2#

54 39.2 38.6 58.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110833.D

Acq: 16 Nov 2018 22:44

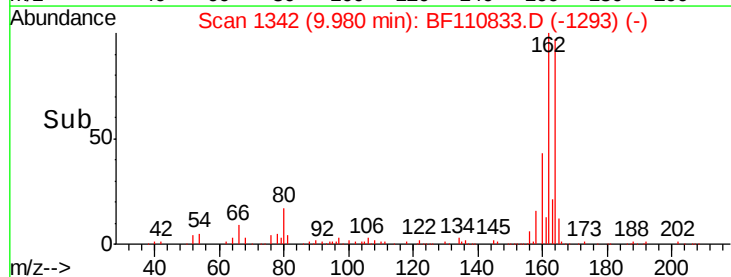
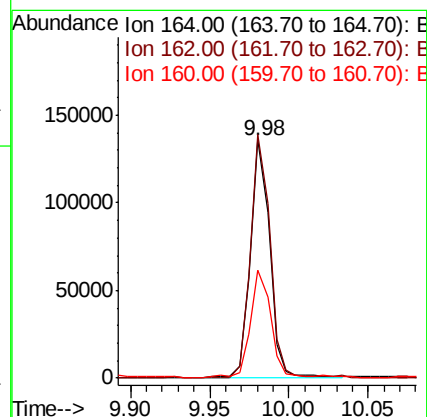
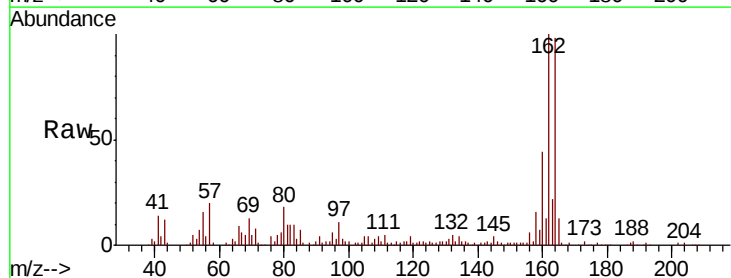
Tgt Ion: 164 Resp: 113097

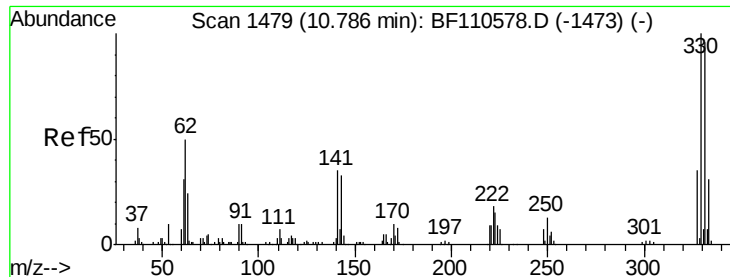
Ion Ratio Lower Upper

164 100

162 102.4 83.0 124.6

160 45.2 37.0 55.6

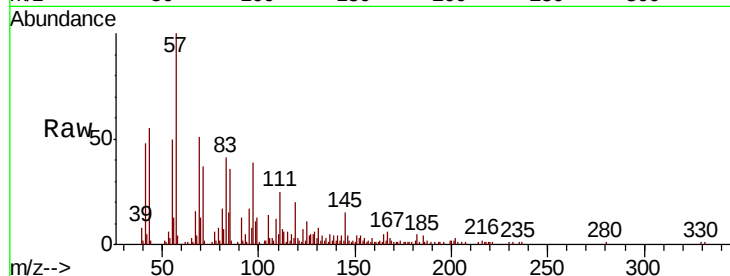




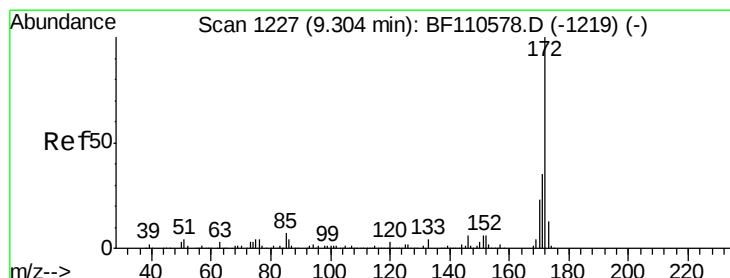
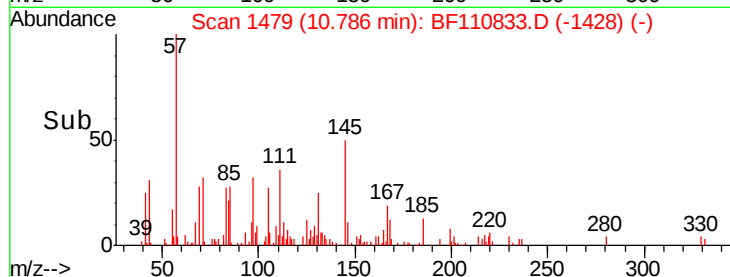
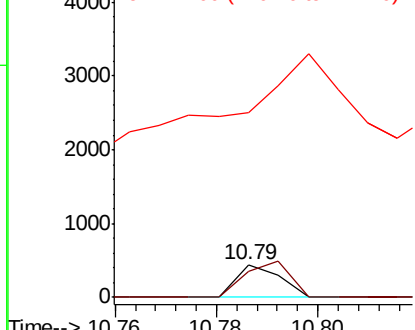
#42
 2,4,6-Tribromophenol
 Concen: 0.233 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF110833.D
 Acq: 16 Nov 2018 22:44

Instrument :
 BNA_F
 ClientSampled :
 VB44949

Tgt Ion:330 Resp: 265
 Ion Ratio Lower Upper
 330 100
 332 111.7 77.1 115.7
 141 752.8 27.0 40.4#

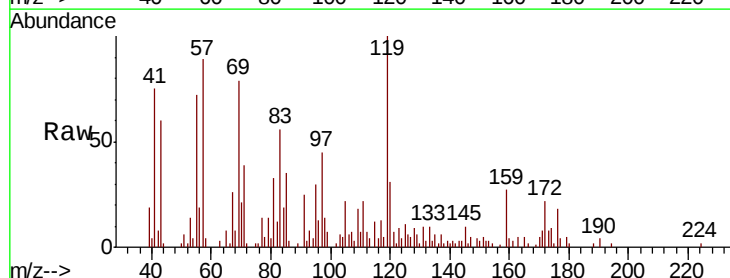


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

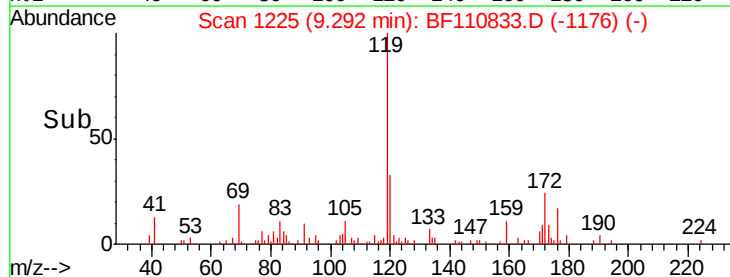
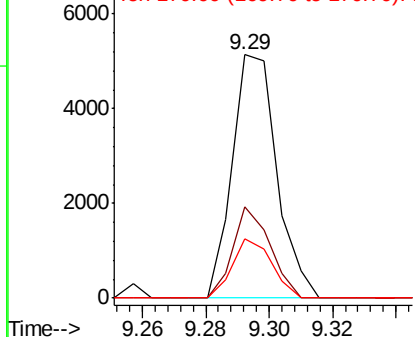


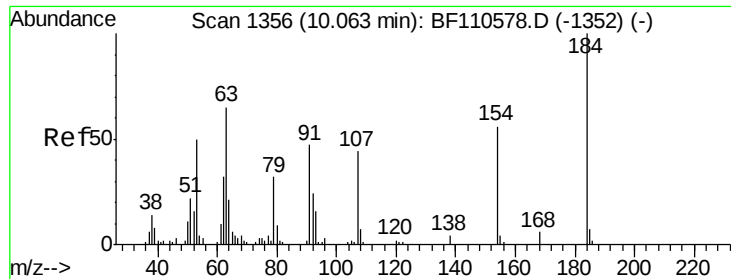
#45
 2-Fluorobiphenyl
 Concen: 0.628 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF110833.D
 Acq: 16 Nov 2018 22:44

Tgt Ion:172 Resp: 4976
 Ion Ratio Lower Upper
 172 100
 171 37.7 28.6 43.0
 170 24.1 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

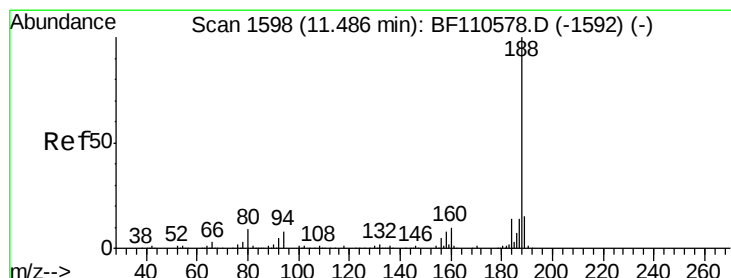
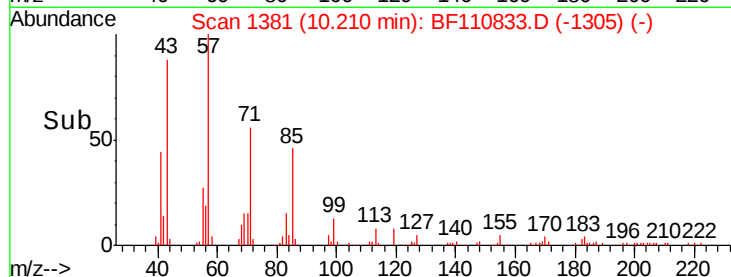
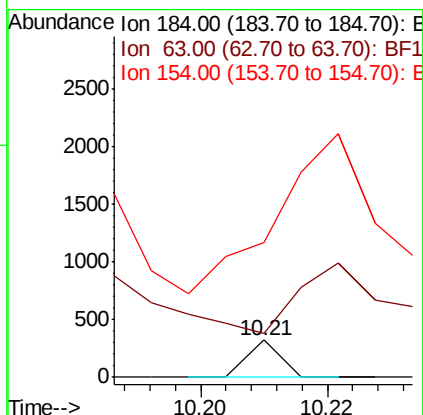
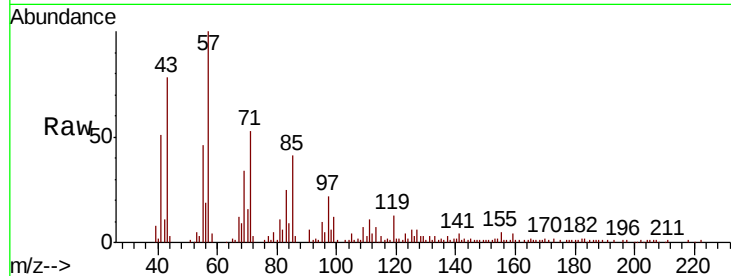




#54
 2,4-Dinitrophenol
 Concen: 4.847 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.15 min
 Lab File: BF110833.D
 Acq: 16 Nov 2018 22:44

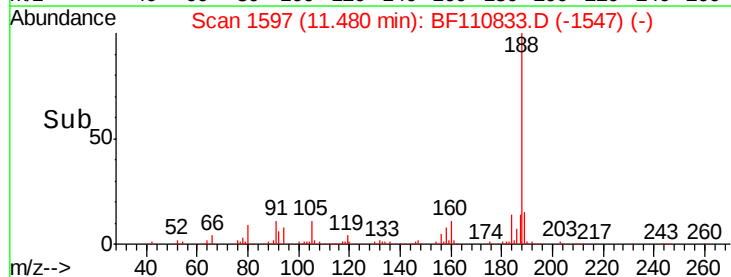
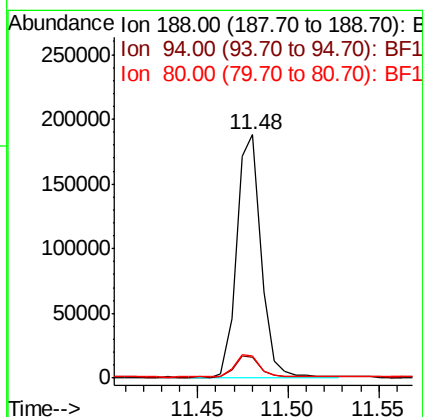
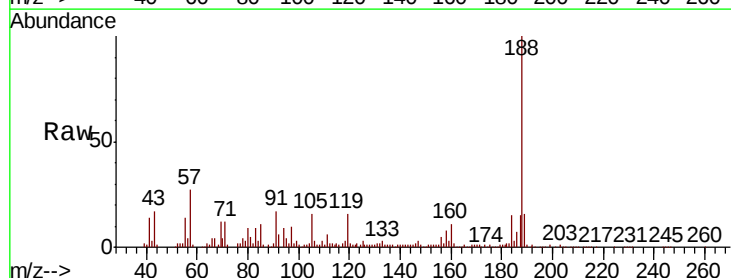
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 BNA_F
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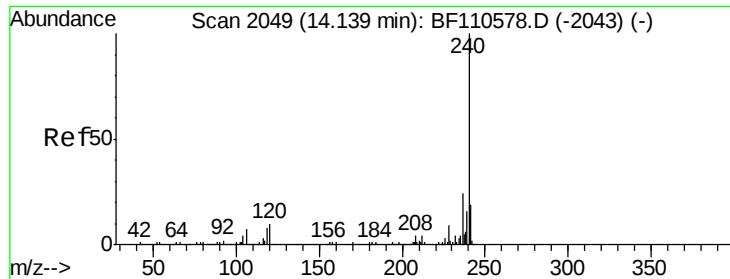
Tgt Ion:184 Resp: 114
 Ion Ratio Lower Upper
 184 100
 63 117.6 55.8 83.6#
 154 362.0 63.2 94.8#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110833.D
 Acq: 16 Nov 2018 22:44

Tgt Ion:188 Resp: 177386
 Ion Ratio Lower Upper
 188 100
 94 8.5 7.2 10.8
 80 9.2 7.9 11.9

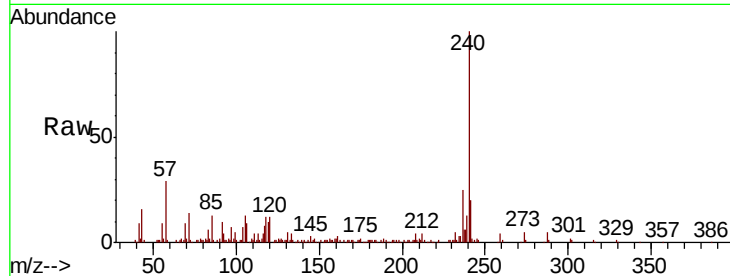




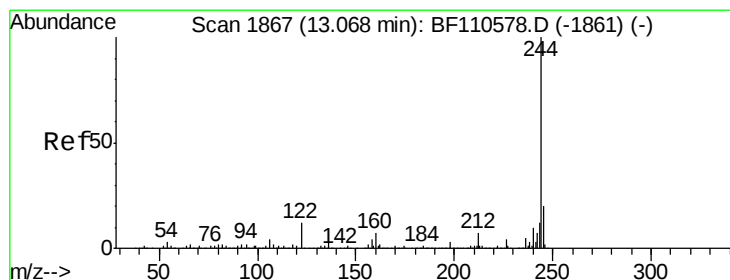
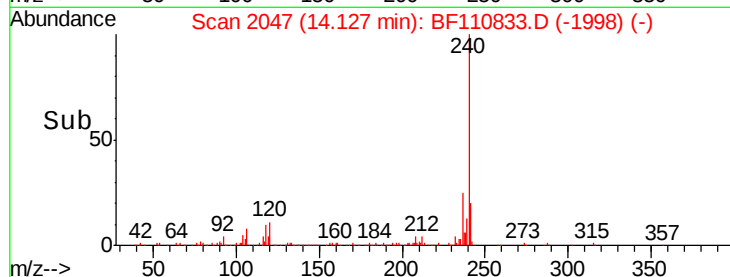
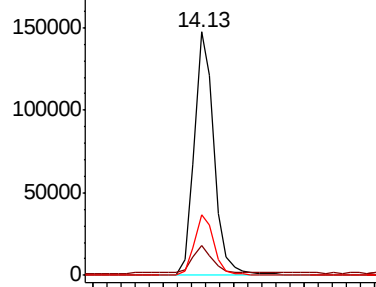
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110833.D
Acq: 16 Nov 2018 22:44

Instrument :
BNA_F
ClientSampleId :
VB44949

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.3	12.5
236	24.9	21.2	31.8

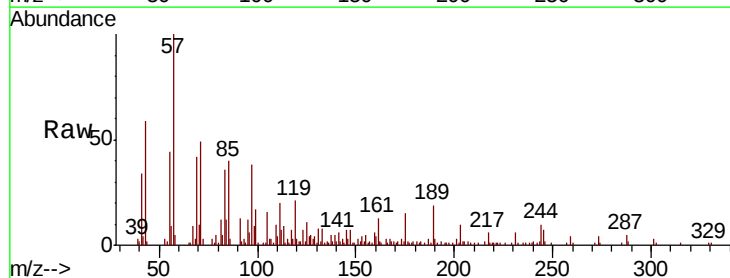


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

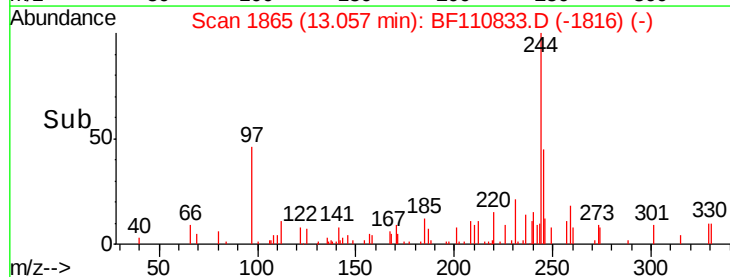
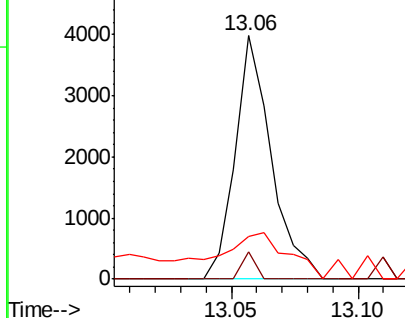


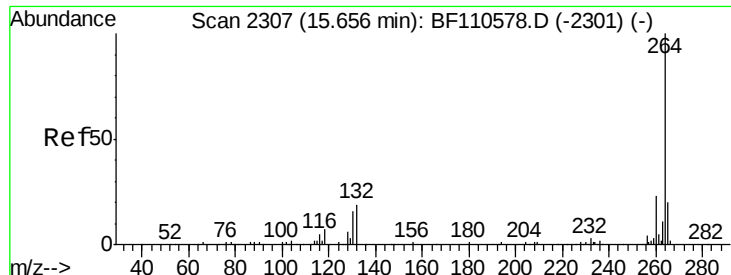
#79
Terphenyl-d14
Concen: 0.512 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110833.D
Acq: 16 Nov 2018 22:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.0	5.8	8.8#
122	17.5	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: BF110833.D
Acq: 16 Nov 2018 22:44

Instrument :
BNA_F
ClientSampleId :
VB44949

Tgt Ion: 264 Resp: 112280
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 20.2 16.7 25.1

