

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110654.D
 Acq On : 10 Nov 2018 3:31
 Operator : JU/SJ
 Sample : J5887-11 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 03:26:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

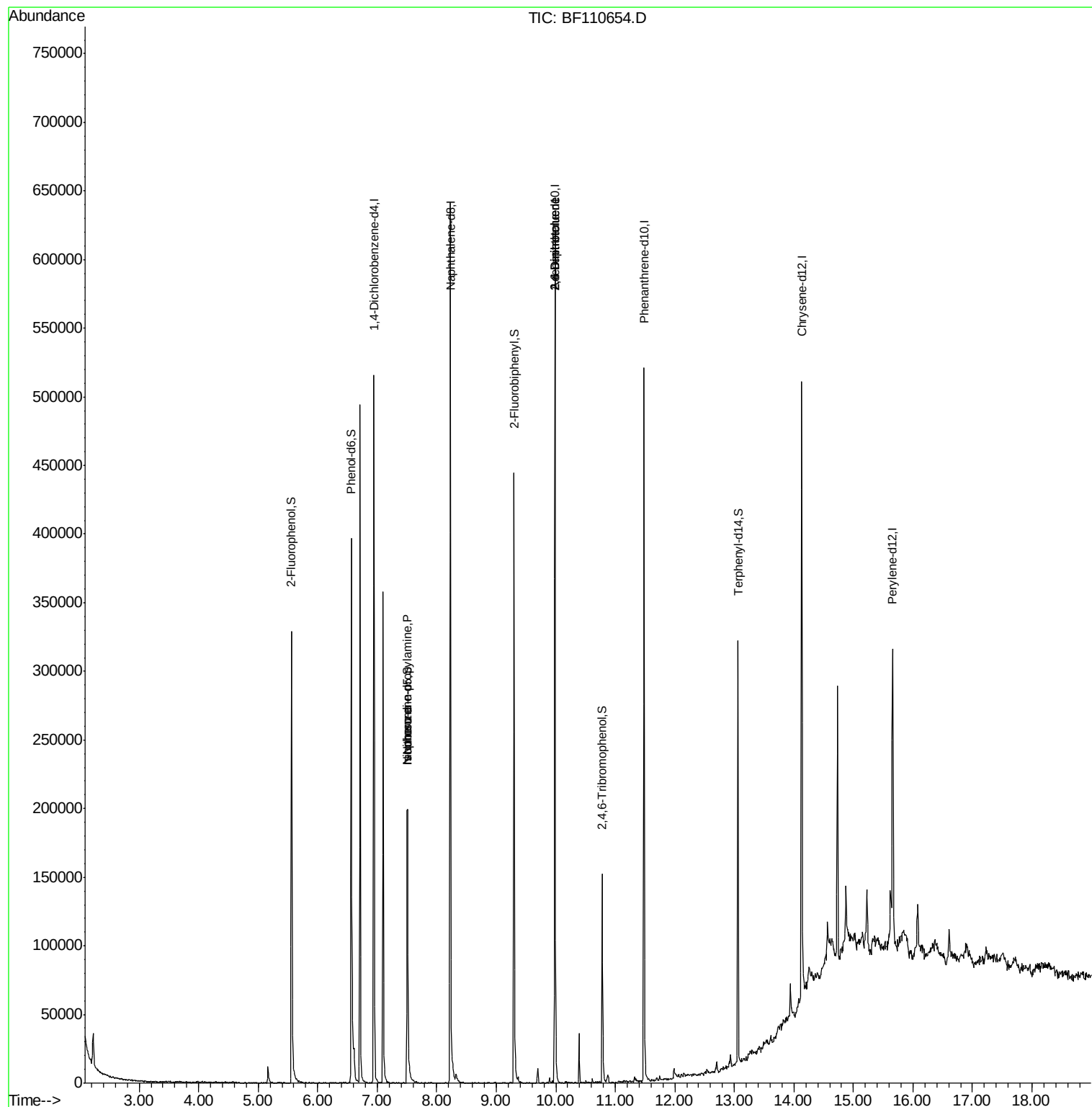
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	76874	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	308412	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	124885	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	190876	20.00	ng	0.00
76) Chrysene-d12	14.13	240	150467	20.00	ng	0.00
87) Perylene-d12	15.66	264	106973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	111495	23.56	ng	0.00
7) Phenol-d6	6.56	99	148049	24.46	ng	-0.01
23) Nitrobenzene-d5	7.50	82	85221	15.91	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	20727	16.47	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	151851	17.37	ng	0.00
79) Terphenyl-d14	13.06	244	105930	13.18	ng	0.00
Target Compounds						
9) Benzaldehyde	6.71	77	2675	Below Cal	Qvalue	# 73
19) n-Nitroso-di-n-propylamine	7.51	70	10773	2.789 ng	#	78
25) Isophorone	7.50	82	85219	9.709 ng	#	67
51) 2,6-Dinitrotoluene	9.99	165	16137	7.872 ng	#	21
57) 2,4-Dinitrotoluene	9.99	165	16137	6.054 ng	#	17

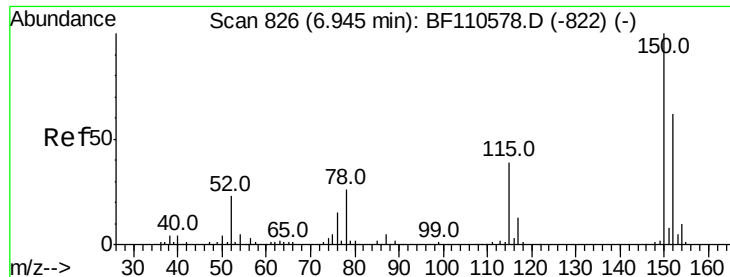
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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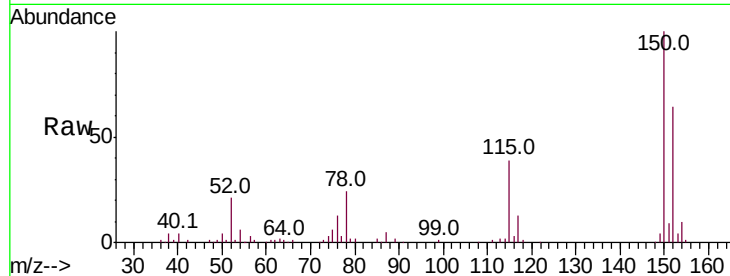




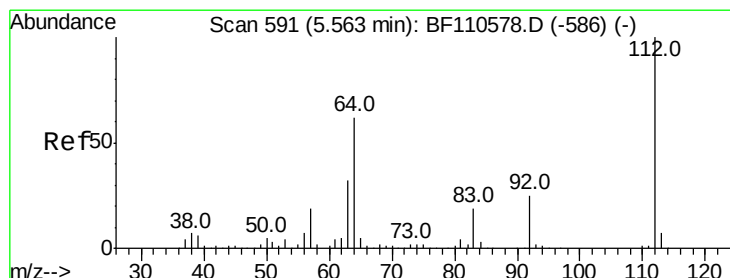
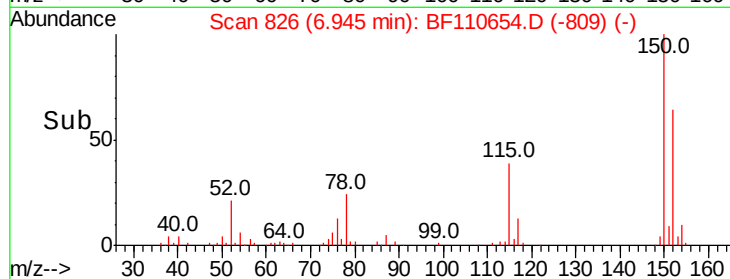
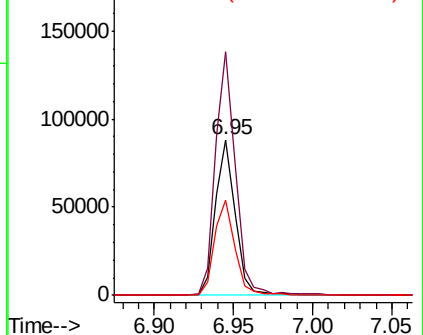
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110654.D
 Acq: 10 Nov 2018 3:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 76874
 Ion Ratio Lower Upper
 152 100
 150 156.4 122.7 184.1
 115 61.4 49.1 73.7

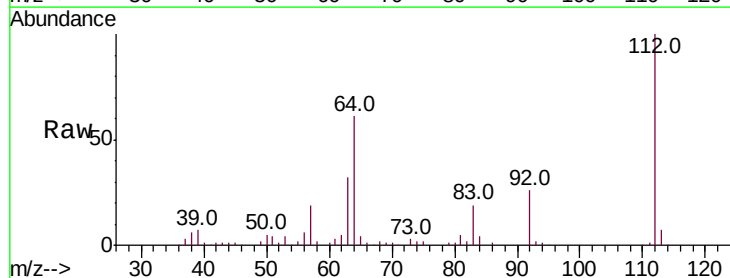


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

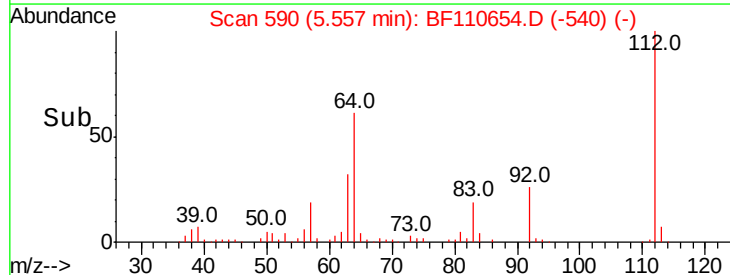
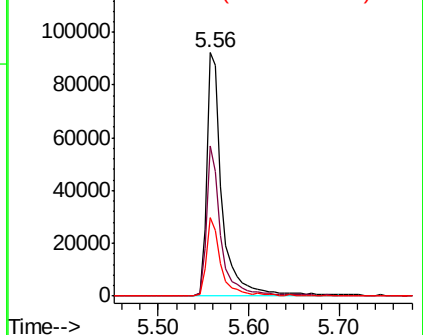


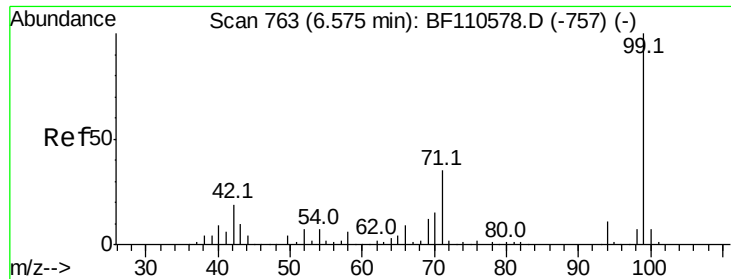
#5
 2-Fluorophenol
 Concen: 23.558 ng
 RT: 5.56 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF110654.D
 Acq: 10 Nov 2018 3:31

Tgt Ion:112 Resp: 111495
 Ion Ratio Lower Upper
 112 100
 64 61.5 44.1 66.1
 63 32.2 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: 24.463 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110654.D

Acq: 10 Nov 2018 3:31

Instrument :

BNA_F

ClientSampleId :

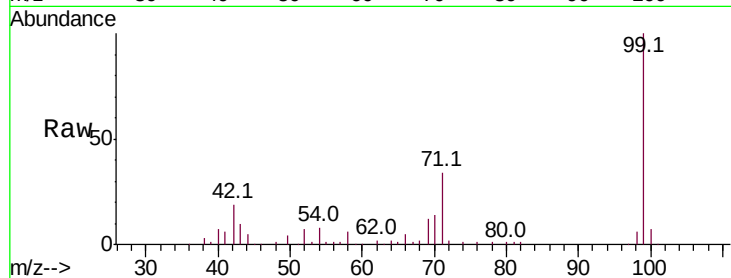
Tot Ion: 99 Resp: 148049

Ion Ratio Lower Upper

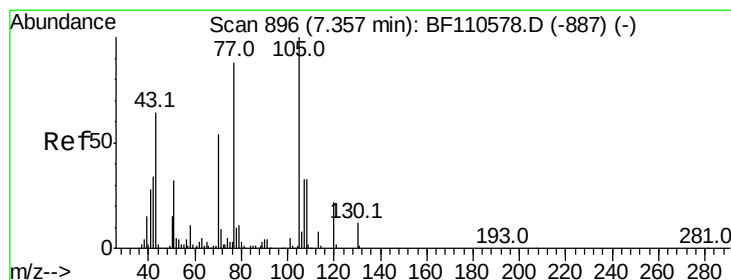
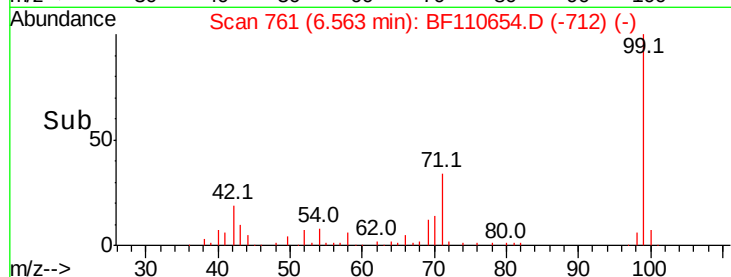
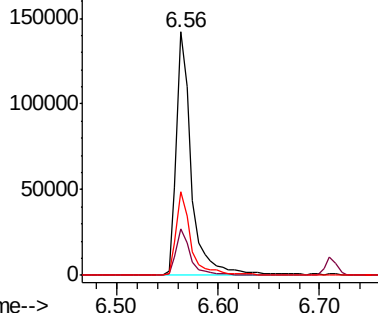
99 100

42 19.3 15.8 23.6

71 34.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 2.789 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110654.D

Acq: 10 Nov 2018 3:31

Tgt Ion: 70 Resp: 10773

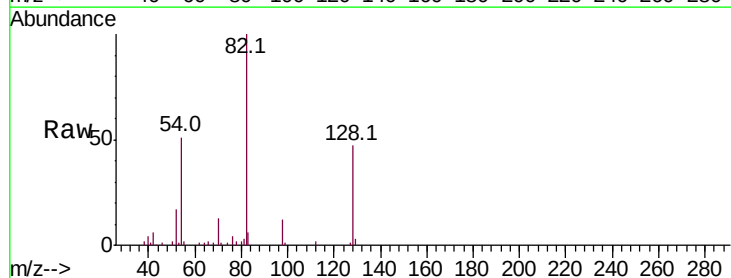
Ion Ratio Lower Upper

70 100

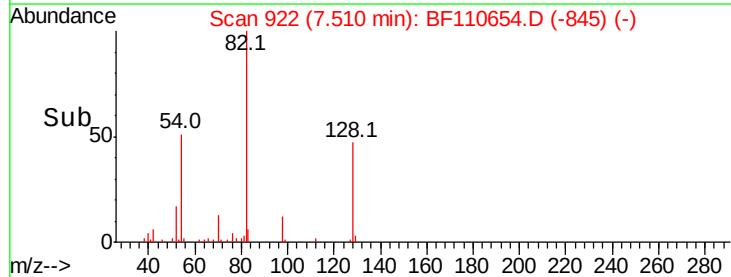
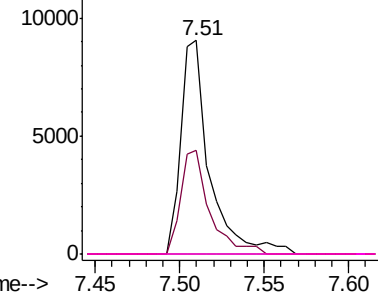
42 48.4 47.4 71.2

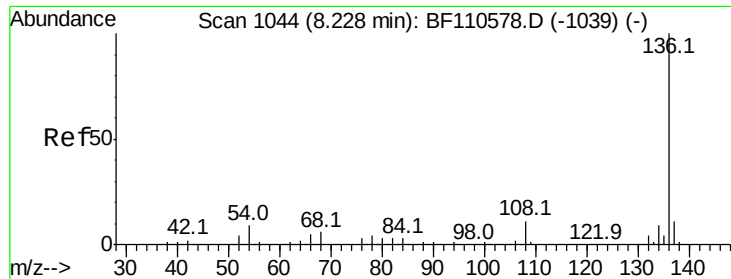
101 0.0 7.3 10.9#

130 0.0 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

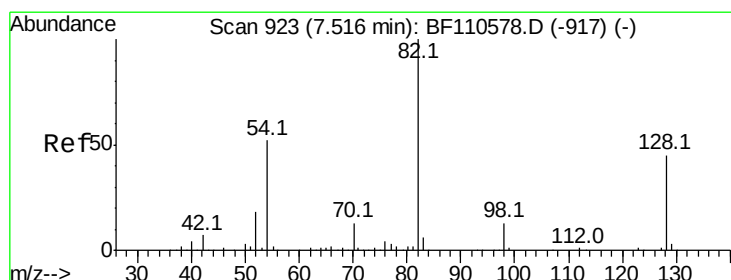
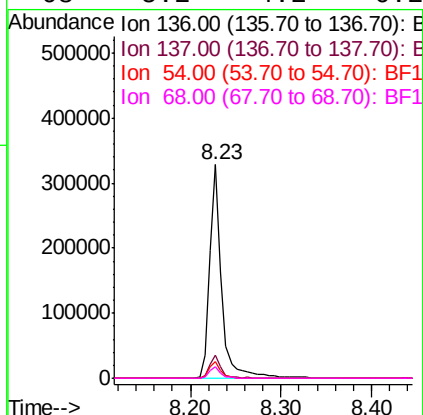
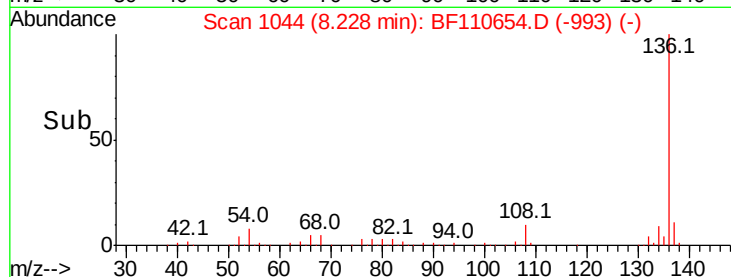
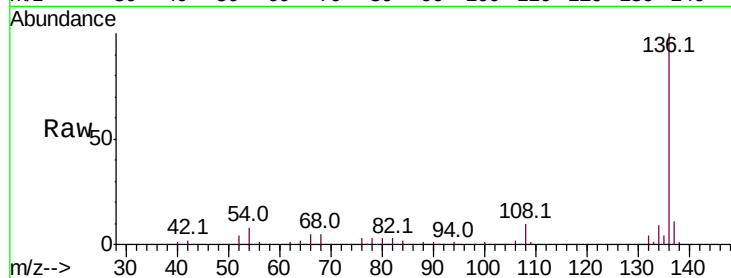




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110654.D
Acq: 10 Nov 2018 3:31

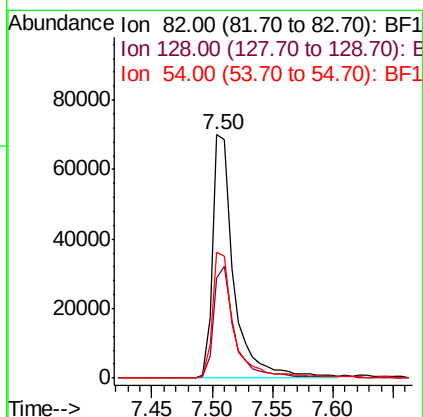
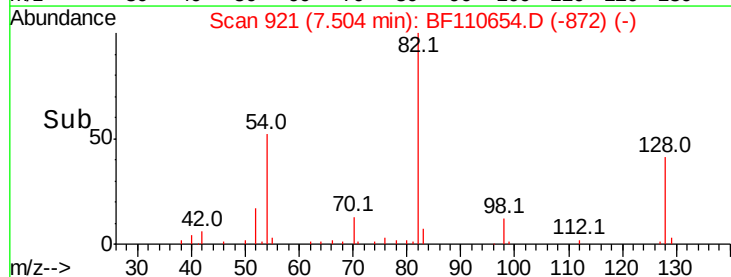
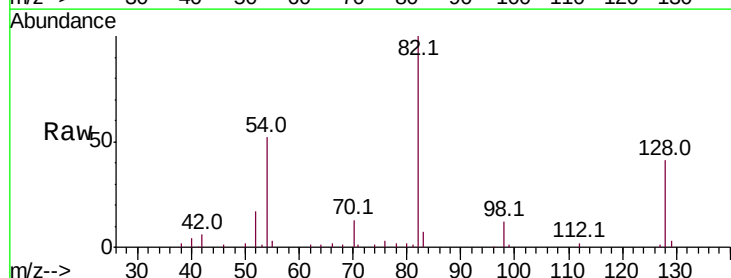
Instrument :
BNA_F
ClientSampled :

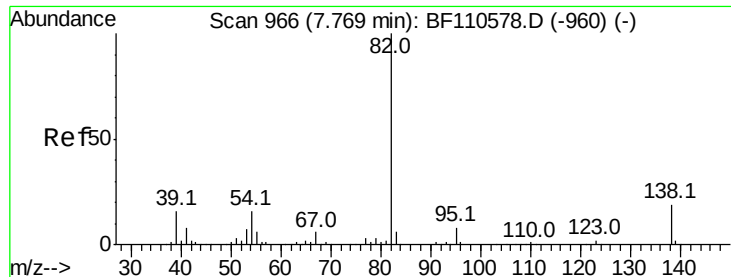
Tot Ion:	136	Resp:	308412
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.6	5.4	8.2
68	5.2	4.2	6.2



#23
Nitrobenzene-d5
Concen: 15.913 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110654.D
Acq: 10 Nov 2018 3:31

Tgt Ion:	82	Resp:	85221
Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.2	51.2
54	51.9	38.6	58.0





#25

Isophorone

Concen: 9.709 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.26 min

Lab File: BF110654.D

Acq: 10 Nov 2018 3:31

Instrument :

BNA_F

ClientSampled :

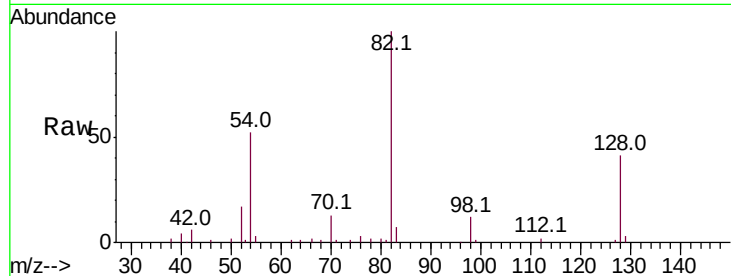
Tot Ion: 82 Resp: 85219

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

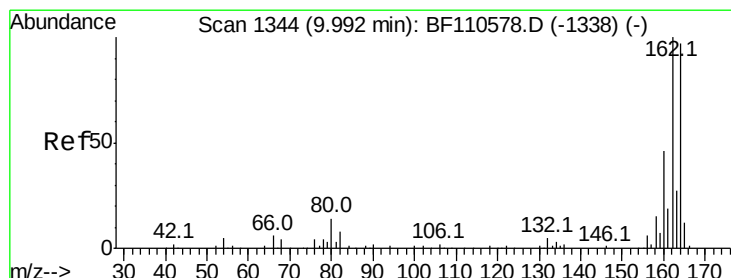
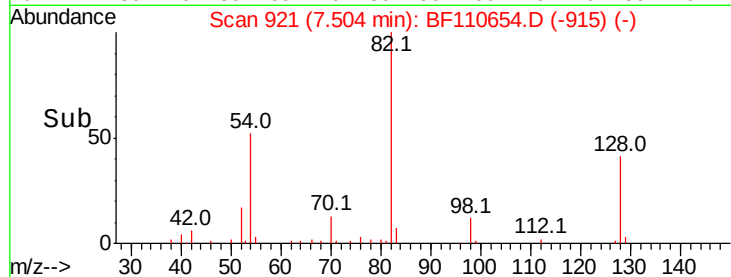
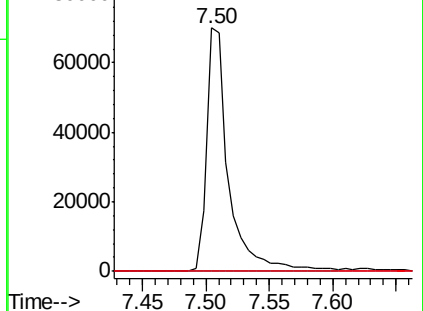
138 0.0 13.2 19.8#



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: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110654.D

Acq: 10 Nov 2018 3:31

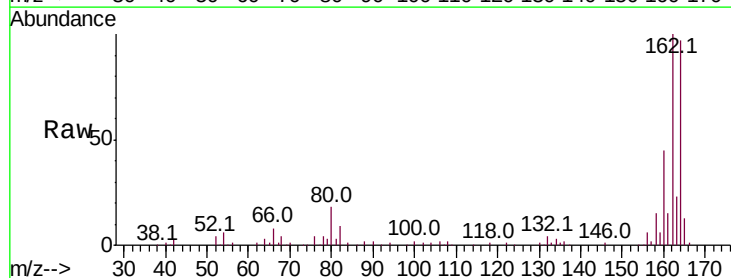
Tgt Ion:164 Resp: 124885

Ion Ratio Lower Upper

164 100

162 102.9 83.0 124.6

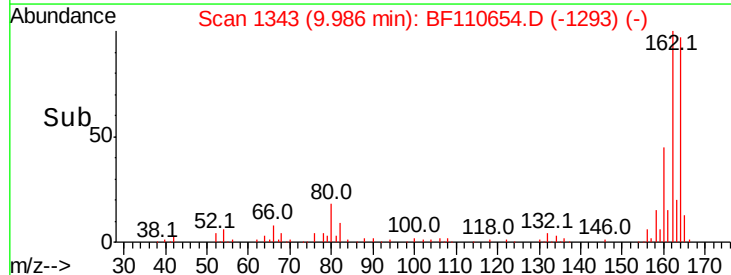
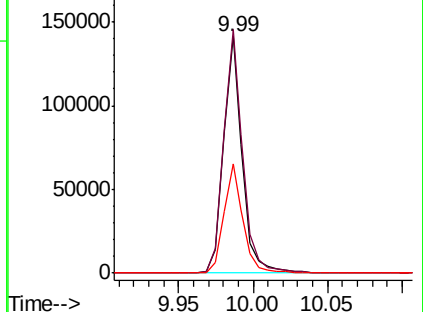
160 45.9 37.0 55.6

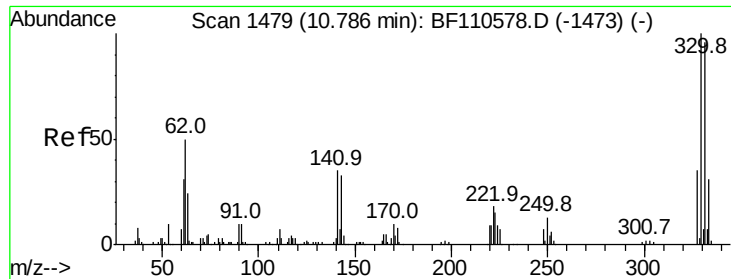


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 16.471 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110654.D

Acq: 10 Nov 2018 3:31

Instrument :

BNA_F

ClientSampled :

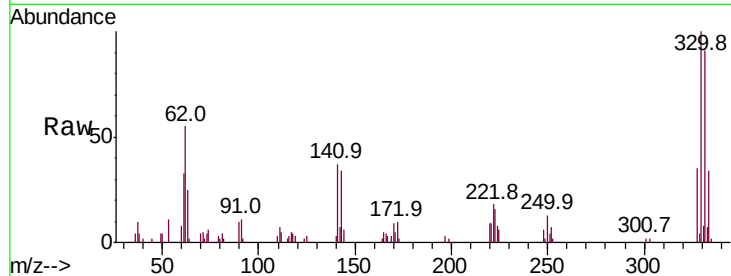
Tot Ion:330 Resp: 20727

Ion Ratio Lower Upper

330 100

332 94.1 77.1 115.7

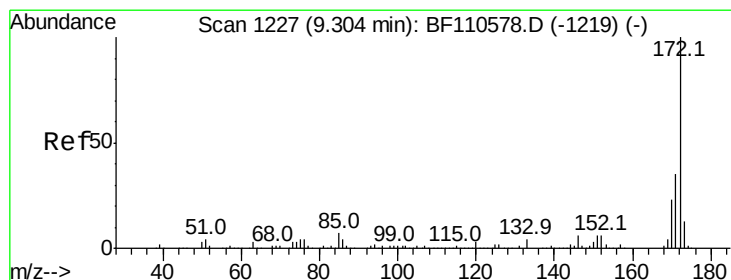
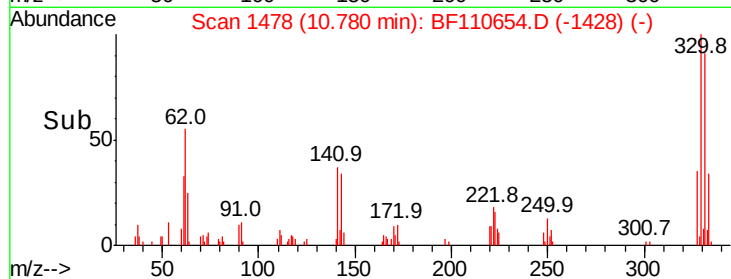
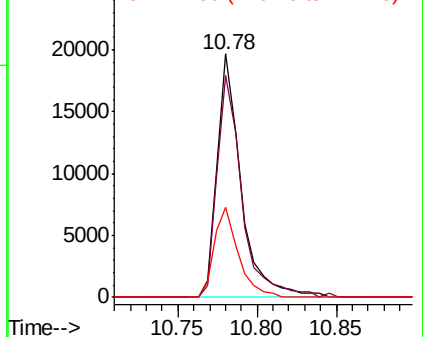
141 36.9 27.0 40.4



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: 17.366 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110654.D

Acq: 10 Nov 2018 3:31

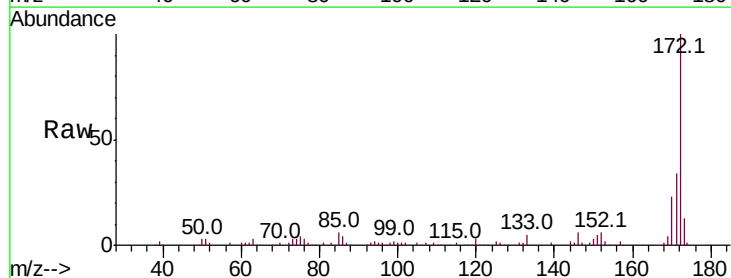
Tgt Ion:172 Resp: 151851

Ion Ratio Lower Upper

172 100

171 34.4 28.6 43.0

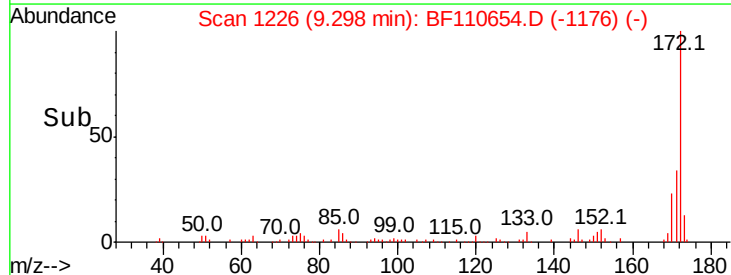
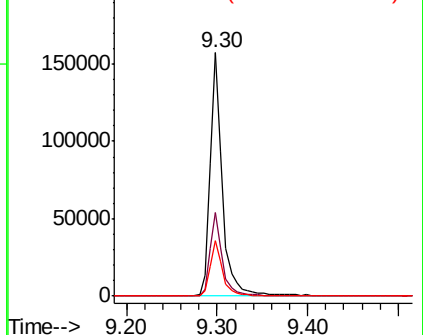
170 23.0 19.7 29.5

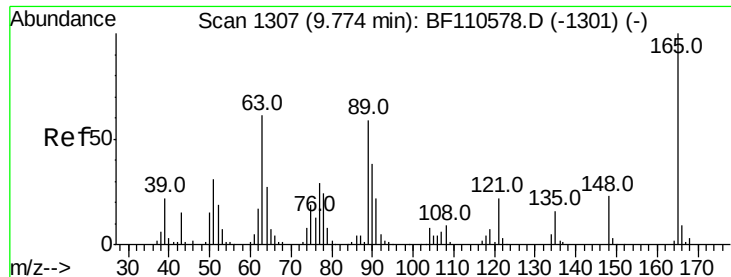


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

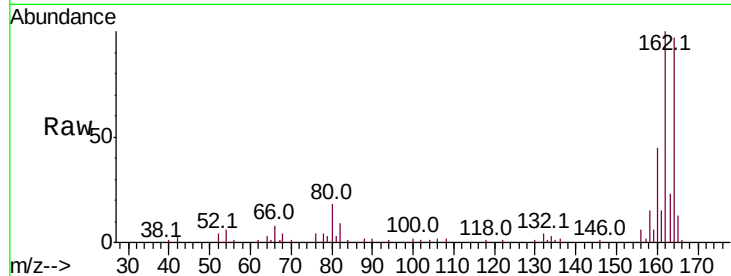




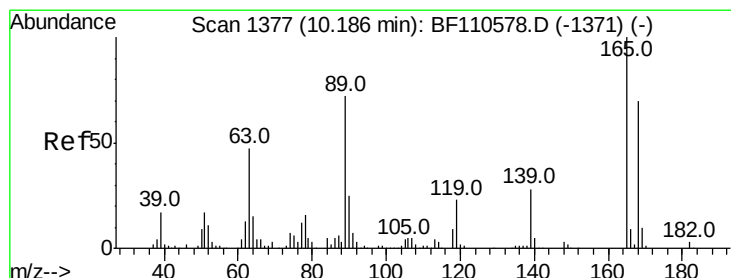
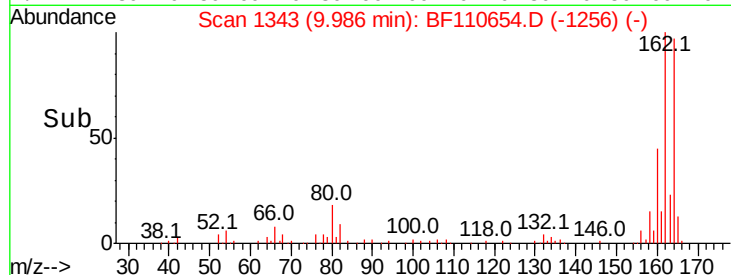
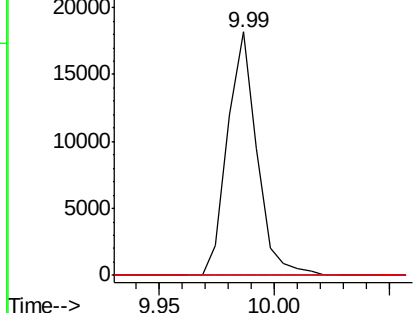
#51
 2,6-Dinitrotoluene
 Concen: 7.872 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110654.D
 Acq: 10 Nov 2018 3:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#

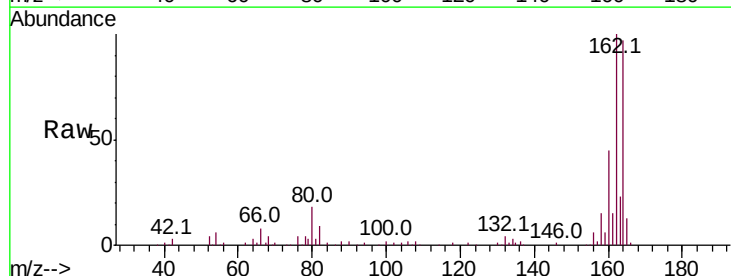


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

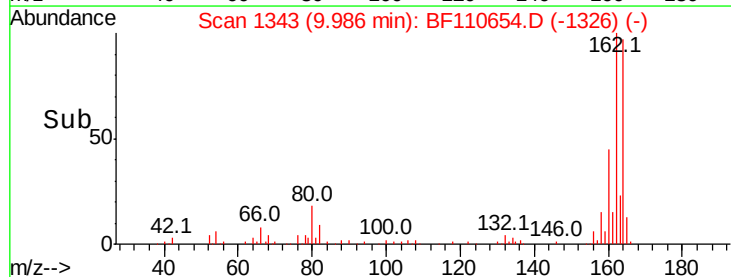
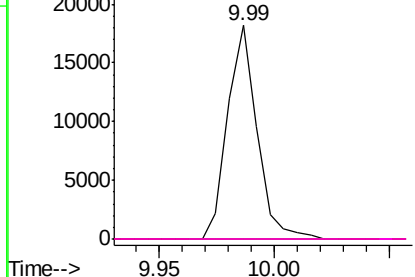


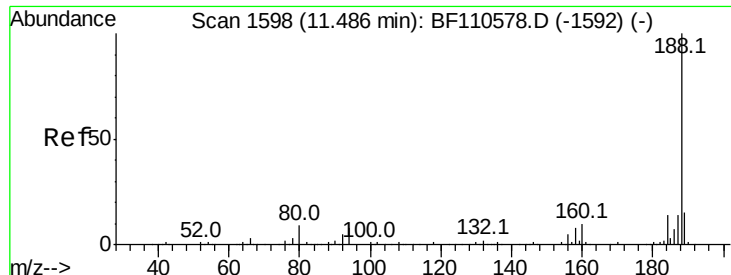
#57
 2,4-Dinitrotoluene
 Concen: 6.054 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110654.D
 Acq: 10 Nov 2018 3:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	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

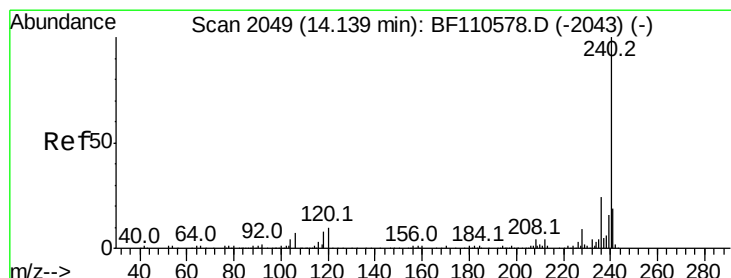
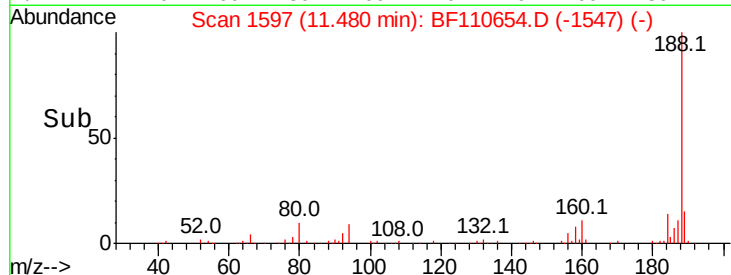
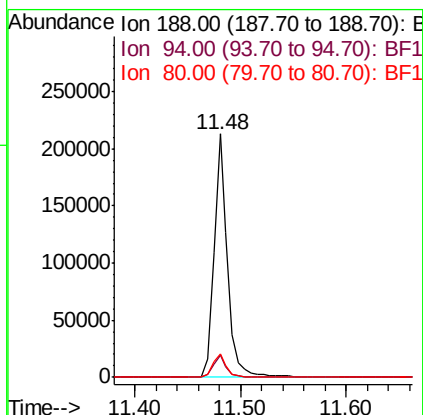
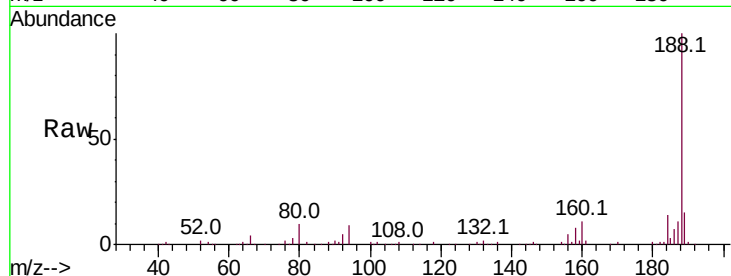




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110654.D
 Acq: 10 Nov 2018 3:31

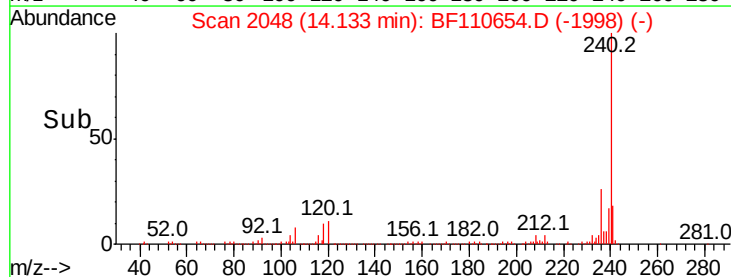
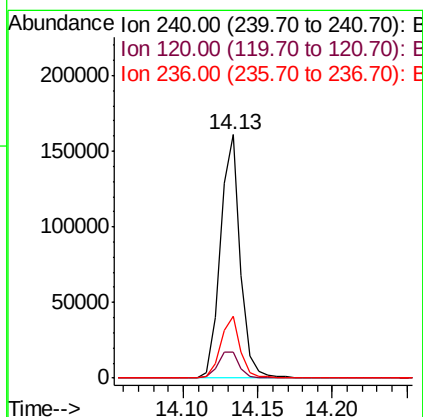
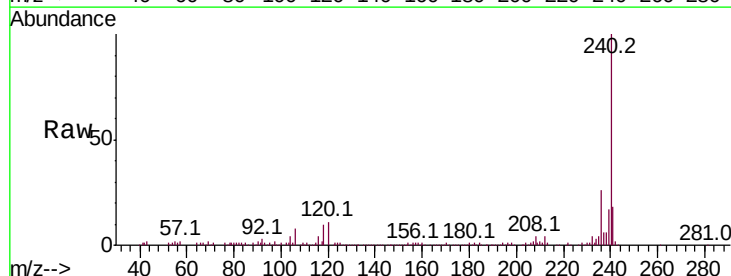
Instrument :
 BNA_F
 ClientSampled :

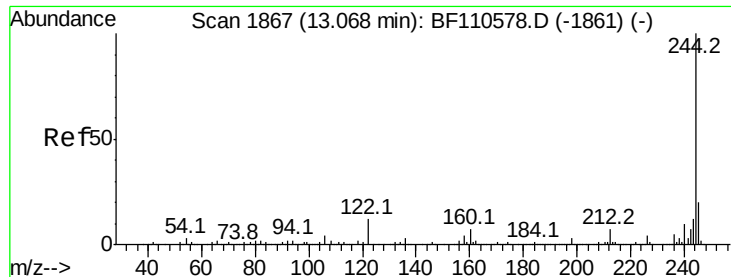
Tot Ion:188 Resp: 190876
 Ion Ratio Lower Upper
 188 100
 94 9.3 7.2 10.8
 80 9.6 7.9 11.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110654.D
 Acq: 10 Nov 2018 3:31

Tgt Ion:240 Resp: 150467
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.3 12.5
 236 25.6 21.2 31.8





#79

Terphenyl-d14

Concen: 13.184 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110654.D

Acq: 10 Nov 2018 3:31

Instrument :

BNA_F

ClientSampleId :

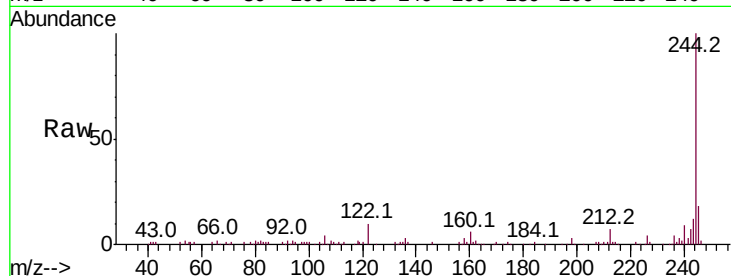
Tot Ion:244 Resp: 105930

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

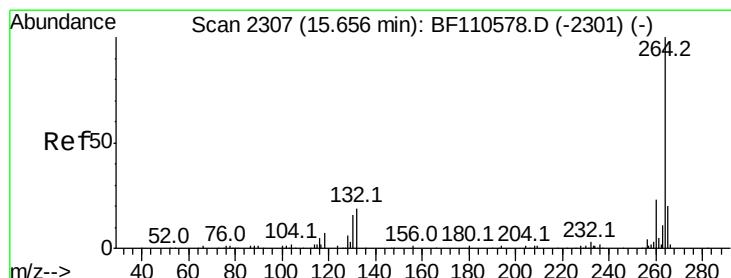
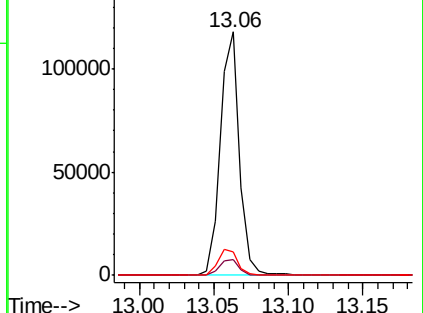
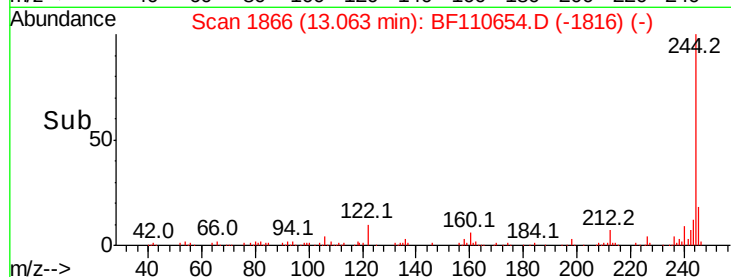
122 9.6 8.7 13.1



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: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110654.D

Acq: 10 Nov 2018 3:31

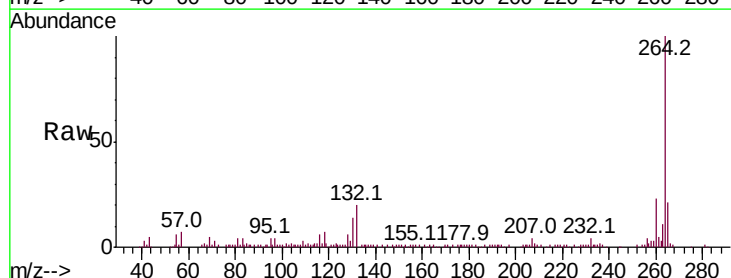
Tgt Ion:264 Resp: 106973

Ion Ratio Lower Upper

264 100

260 22.6 18.7 28.1

265 21.2 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

