

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
 Data File : BF110686.D
 Acq On : 12 Nov 2018 20:38
 Operator : JU/SJ
 Sample : J5887-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-3-S

Quant Time: Nov 13 05:40:55 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

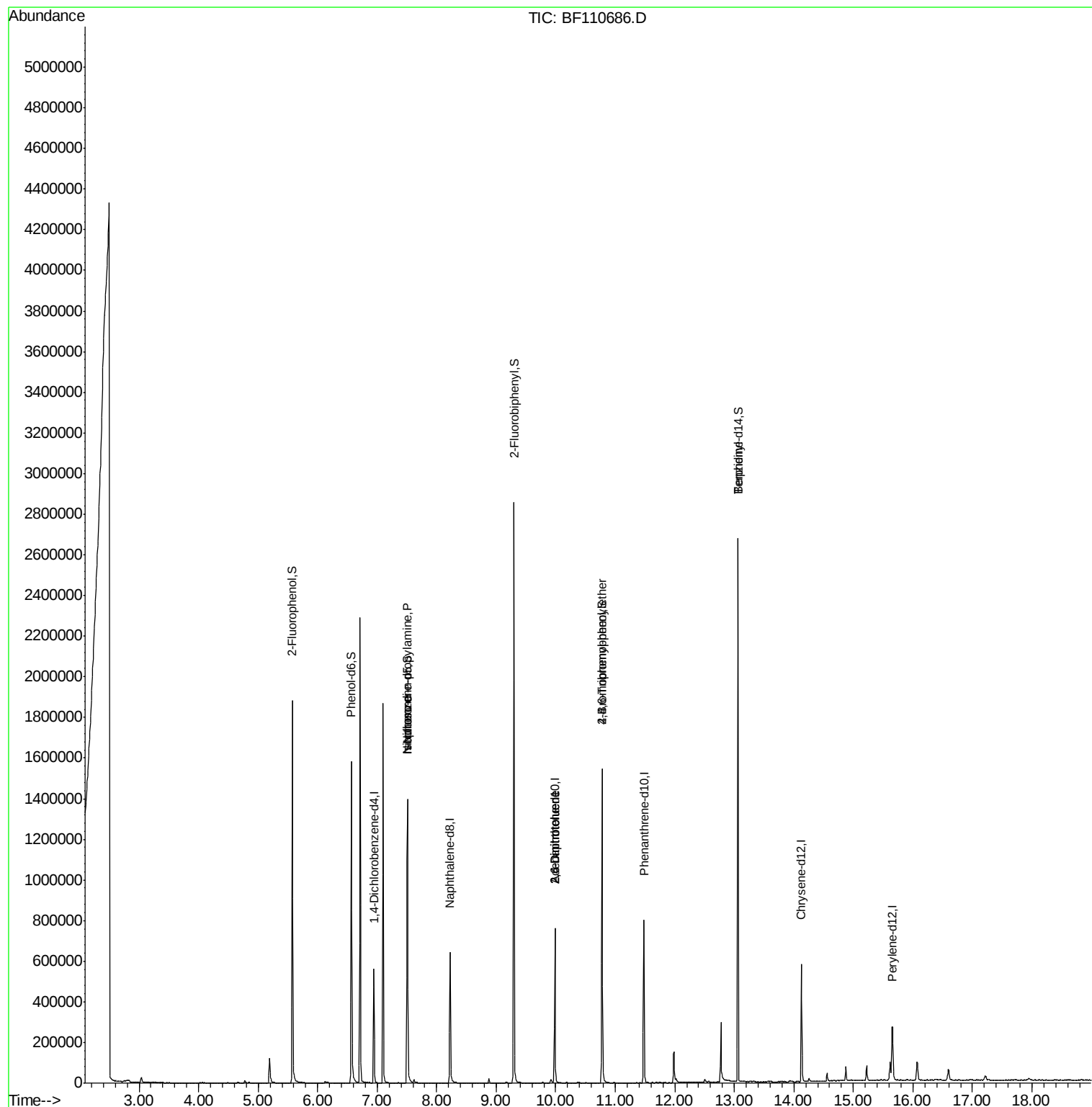
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	84805	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	349989	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	170823	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	326154	20.00	ng	0.00
76) Chrysene-d12	14.13	240	204210	20.00	ng	-0.01
87) Perylene-d12	15.66	264	152123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	500313	95.83	ng	0.01
7) Phenol-d6	6.57	99	552535	82.76	ng	0.00
23) Nitrobenzene-d5	7.51	82	468403	77.07	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	190495	110.67	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	876390	73.27	ng	0.00
79) Terphenyl-d14	13.06	244	856095	78.51	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	667	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.51	70	62335	14.627 ng	#	1
25) Isophorone	7.51	82	468399	47.024 ng	#	80
51) 2,6-Dinitrotoluene	9.98	165	21864	7.798 ng	#	67
57) 2,4-Dinitrotoluene	9.98	165	21864	5.997 ng	#	22
67) 4-Bromophenyl-phenylether	10.78	248	12455	3.455 ng	#	18
77) Benzydine	13.06	184	11428	2.035 ng	#	1
					#	97

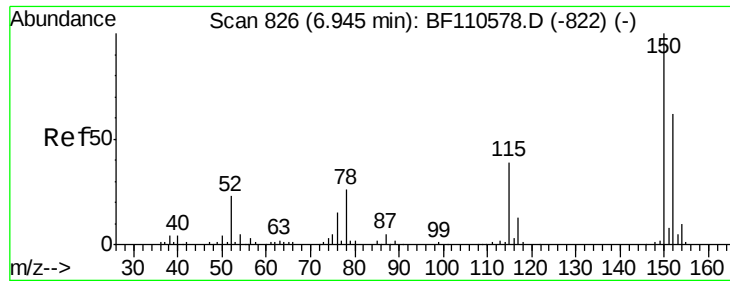
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
Data File : BF110686.D
Acq On : 12 Nov 2018 20:38
Operator : JU/SJ
Sample : J5887-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-3-S

Quant Time: Nov 13 05:40:55 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



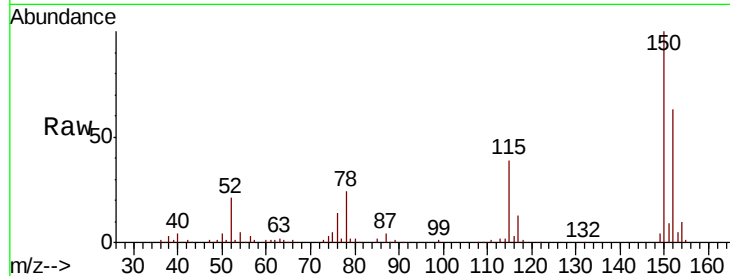


#1

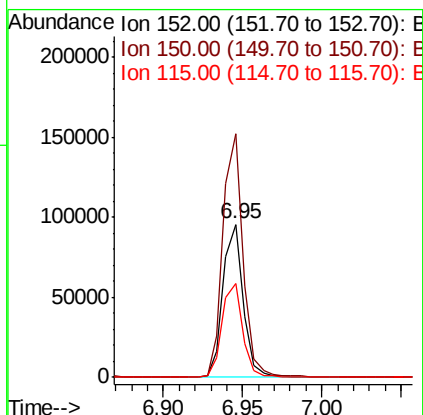
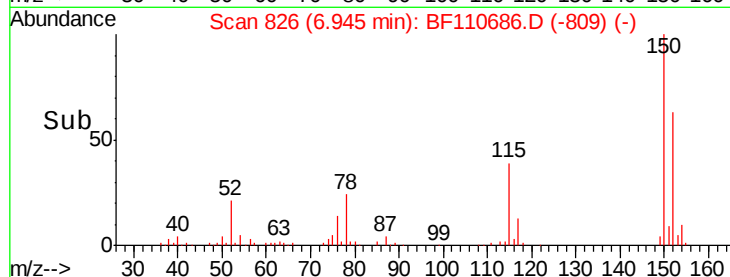
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110686.D
Acq: 12 Nov 2018 20:38

Instrument :
BNA_F
ClientSampleId :
W-3-S

Tgt Ion:152 Resp: 84805
Ion Ratio Lower Upper
152 100
150 159.1 122.7 184.1
115 61.3 49.1 73.7



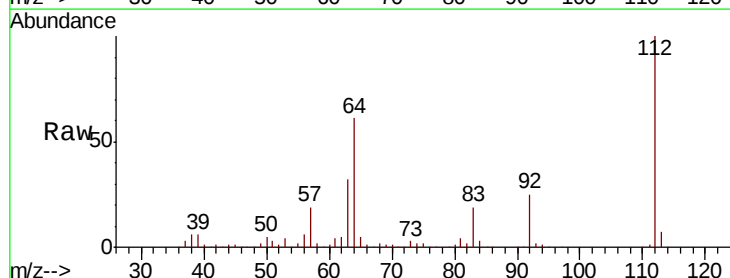
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



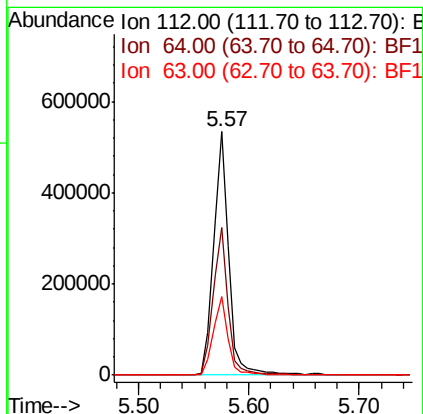
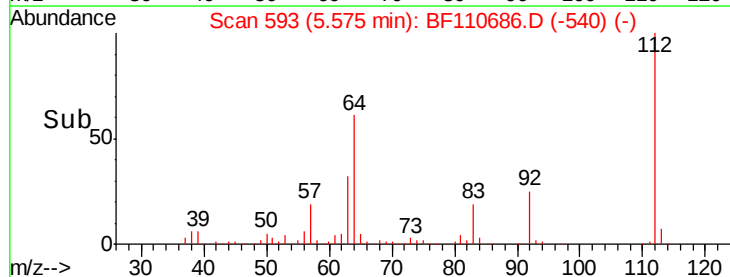
#5

2-Fluorophenol
Concen: 95.828 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110686.D
Acq: 12 Nov 2018 20:38

Tgt Ion:112 Resp: 500313
Ion Ratio Lower Upper
112 100
64 60.5 44.1 66.1
63 32.4 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: 82.760 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110686.D

Acq: 12 Nov 2018 20:38

Instrument :

BNA_F

ClientSampleId :

W-3-S

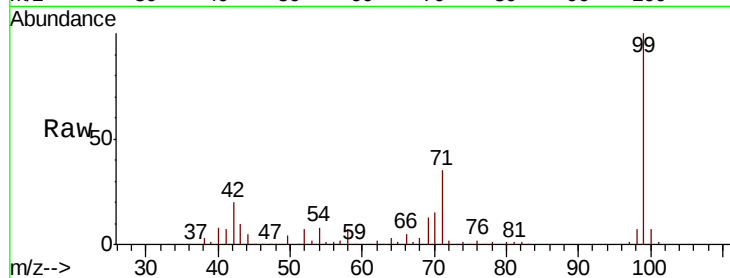
Tgt Ion: 99 Resp: 552535

Ion Ratio Lower Upper

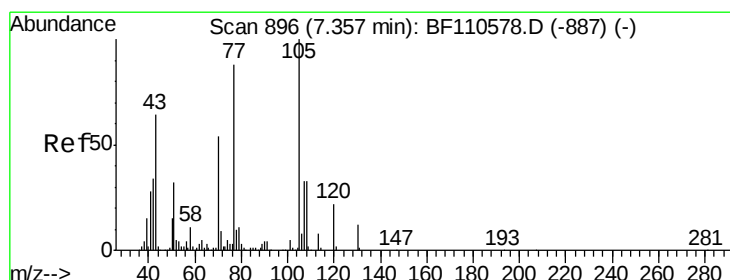
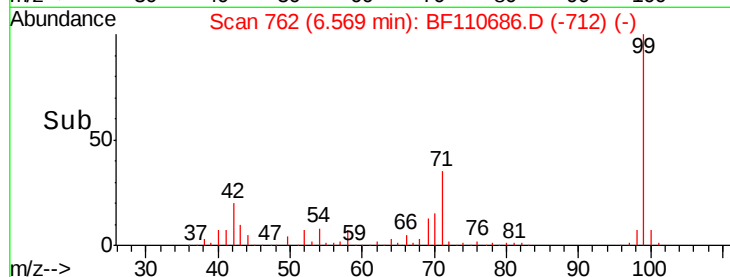
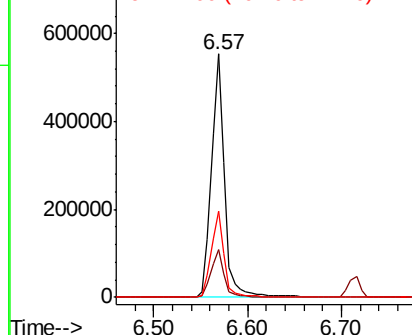
99 100

42 19.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.627 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110686.D

Acq: 12 Nov 2018 20:38

Tgt Ion: 70 Resp: 62335

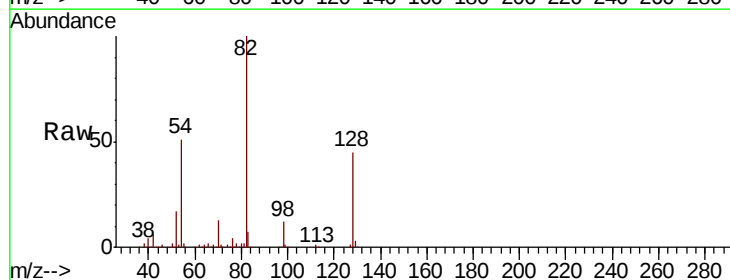
Ion Ratio Lower Upper

70 100

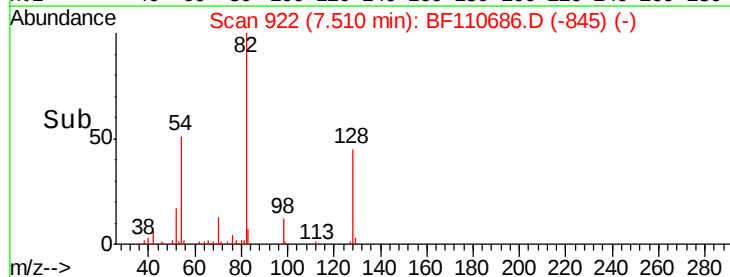
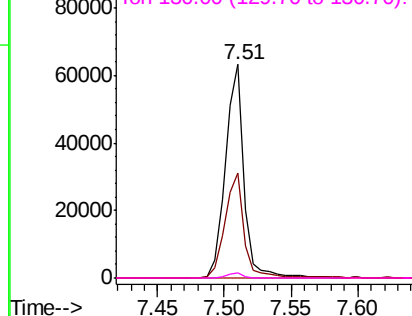
42 49.1 47.4 71.2

101 0.0 7.3 10.9#

130 2.4 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

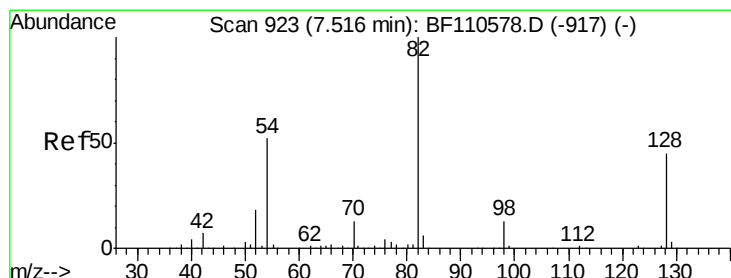
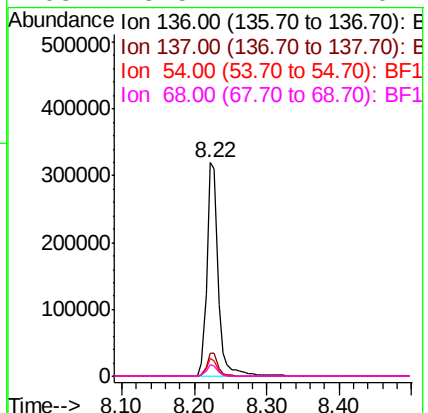
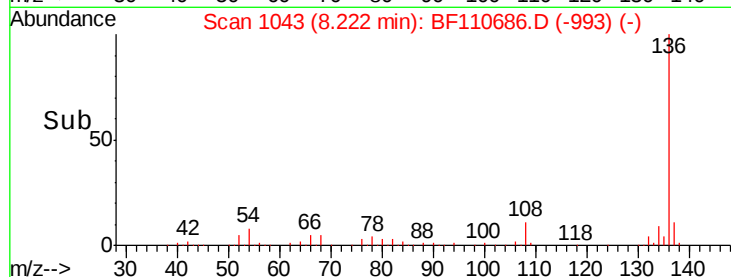
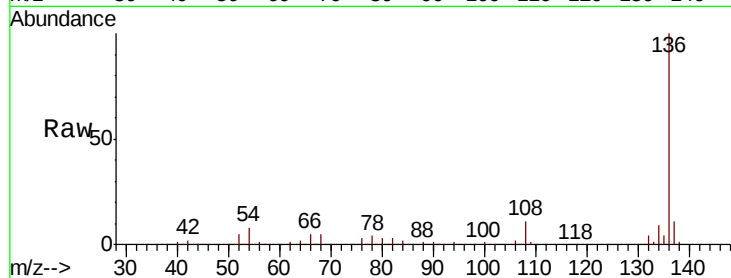




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110686.D
Acq: 12 Nov 2018 20:38

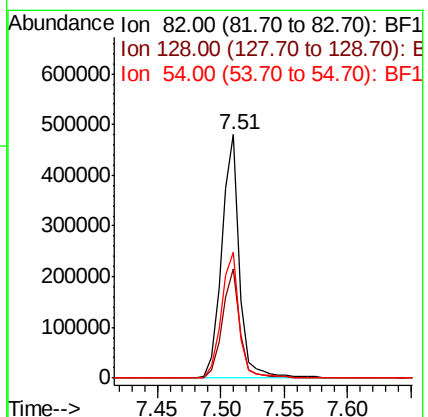
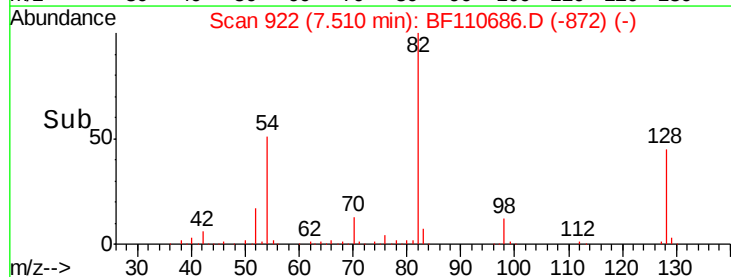
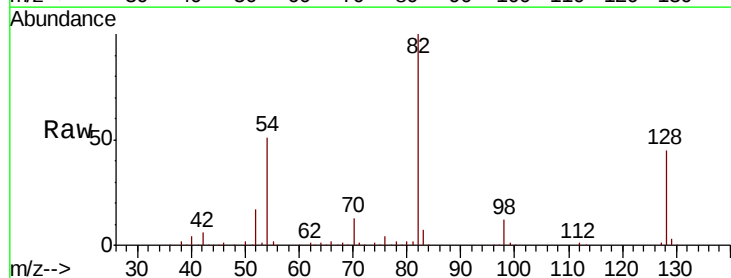
Instrument :
BNA_F
ClientSampleId :
W-3-S

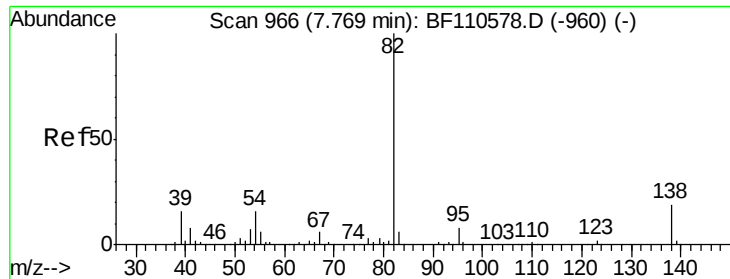
Tgt Ion:	136	Resp:	349989
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.1	5.4	8.2
68	5.5	4.2	6.2



#23
Nitrobenzene-d5
Concen: 77.074 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110686.D
Acq: 12 Nov 2018 20:38

Tgt Ion:	82	Resp:	468403
Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.2	51.2
54	51.5	38.6	58.0

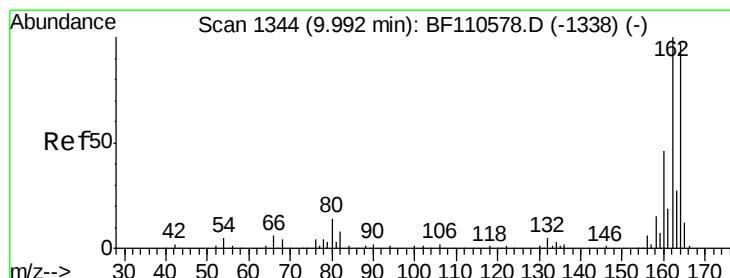
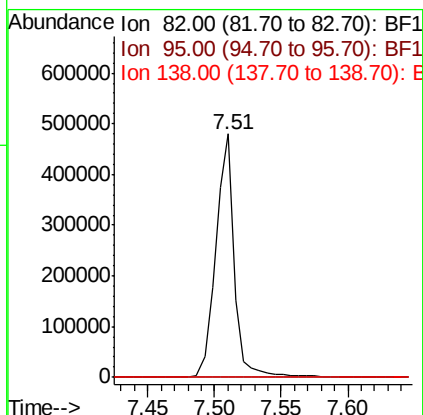
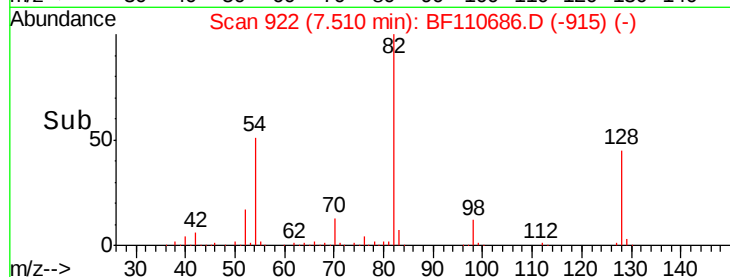
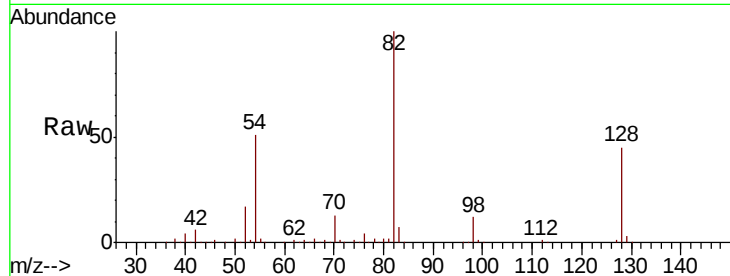




#25
Isophorone
Concen: 47.024 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110686.D
Acq: 12 Nov 2018 20:38

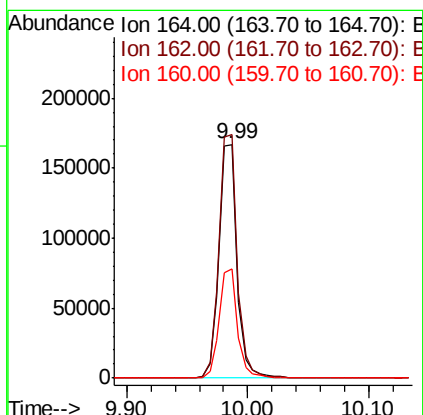
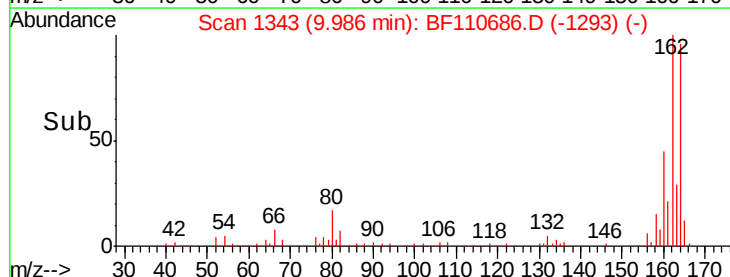
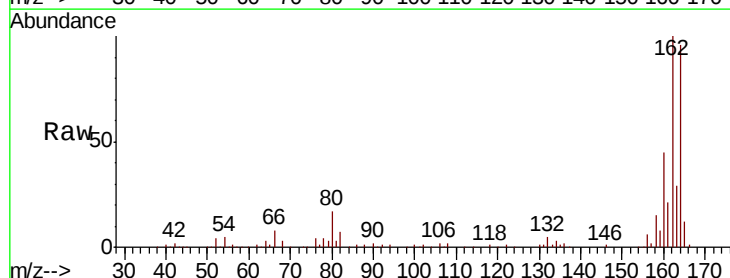
Instrument :
BNA_F
ClientSampleId :
W-3-S

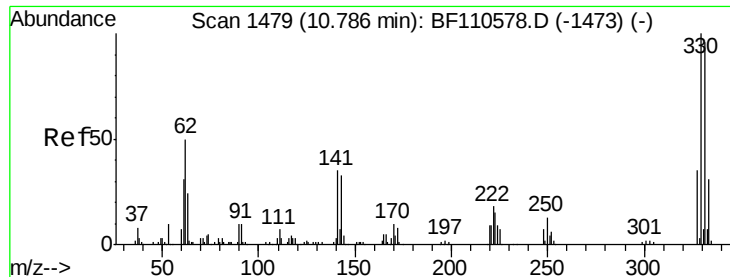
Tgt Ion: 82 Resp: 468399
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110686.D
Acq: 12 Nov 2018 20:38

Tgt Ion: 164 Resp: 170823
Ion Ratio Lower Upper
164 100
162 104.2 83.0 124.6
160 46.9 37.0 55.6

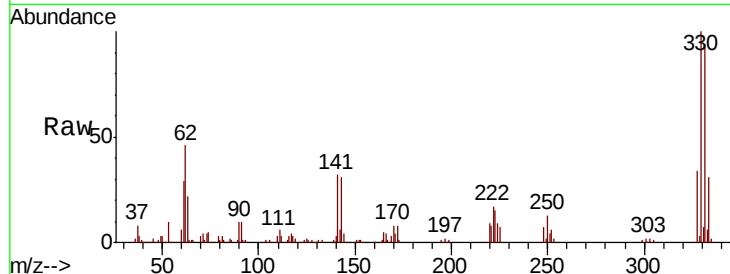




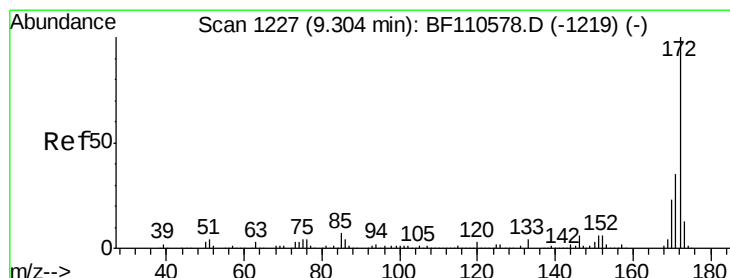
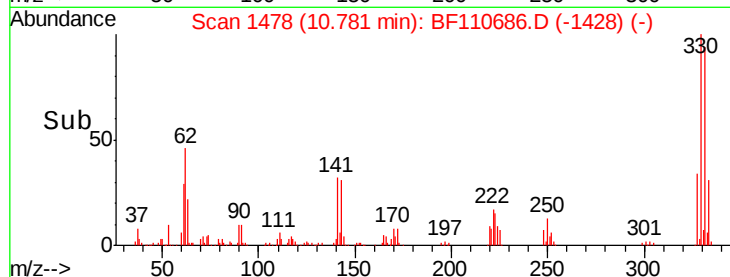
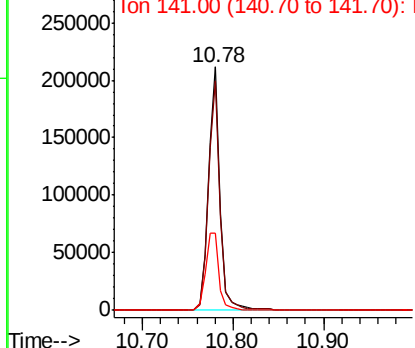
#42
 2,4,6-Tribromophenol
 Concen: 110.672 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110686.D
 Acq: 12 Nov 2018 20:38

Instrument :
 BNA_F
 ClientSampled :
 W-3-S

Tgt Ion:330 Resp: 190495
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.1 115.7
 141 37.4 27.0 40.4

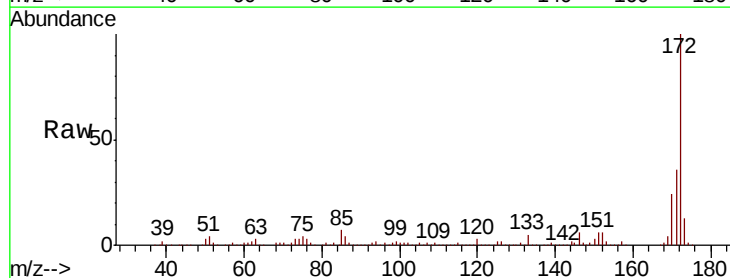


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

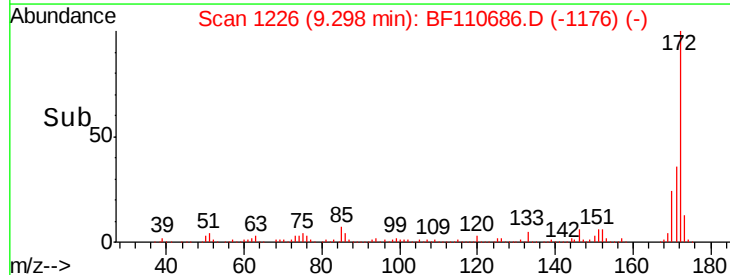
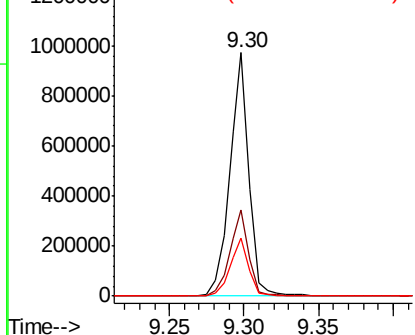


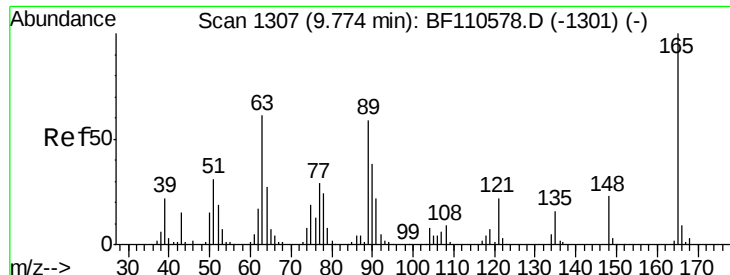
#45
 2-Fluorobiphenyl
 Concen: 73.271 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110686.D
 Acq: 12 Nov 2018 20:38

Tgt Ion:172 Resp: 876390
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 23.9 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: 7.798 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.21 min

Lab File: BF110686.D

Acq: 12 Nov 2018 20:38

Instrument :

BNA_F

ClientSampled :

W-3-S

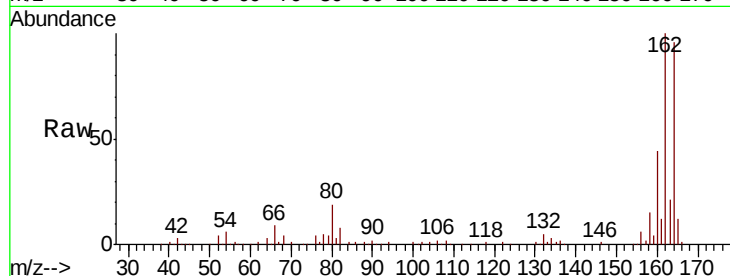
Tgt Ion:165 Resp: 21864

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

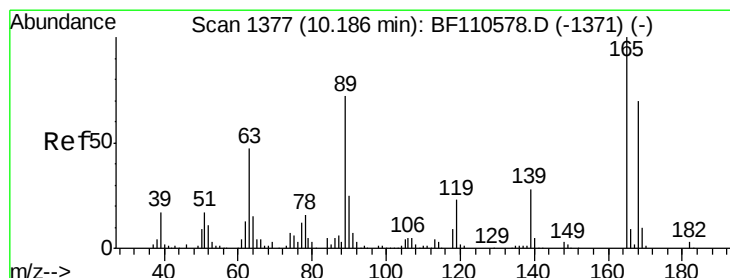
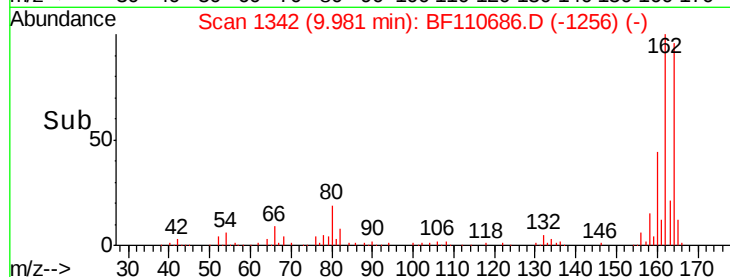
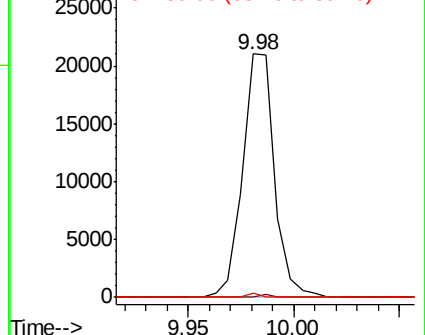
89 1.6 46.6 69.8#



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: 5.997 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.21 min

Lab File: BF110686.D

Acq: 12 Nov 2018 20:38

Tgt Ion:165 Resp: 21864

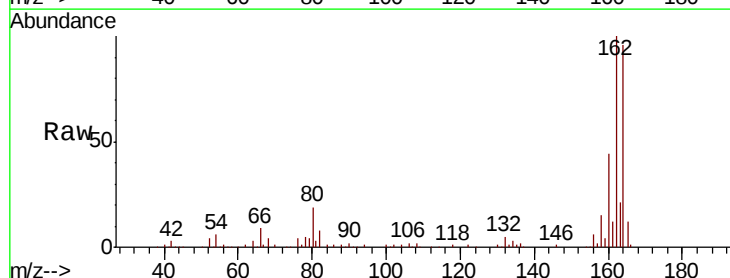
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 1.6 62.2 93.4#

182 0.0 2.1 3.1#

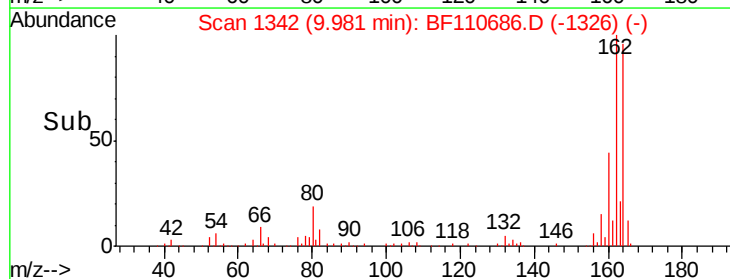
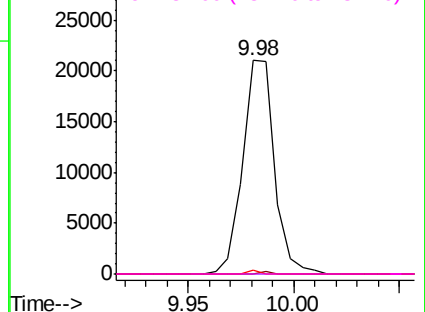


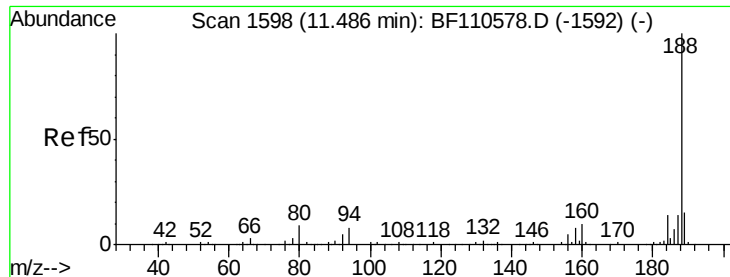
Abundance Ion 165.00 (164.70 to 165.70): E

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

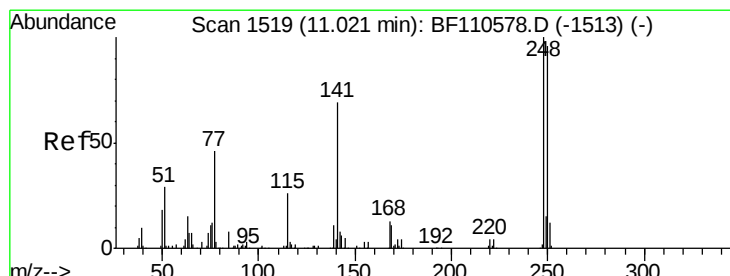
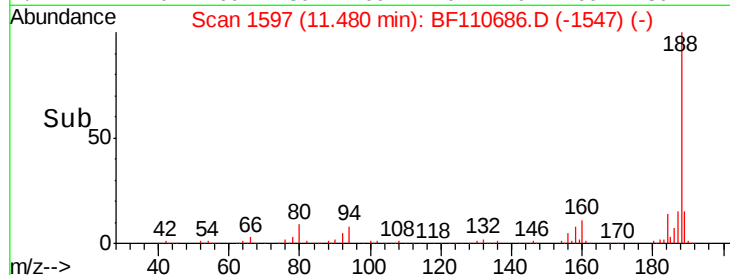
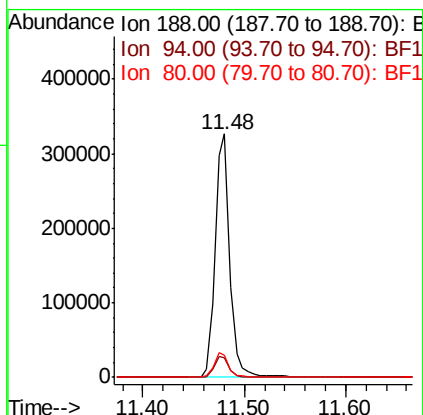
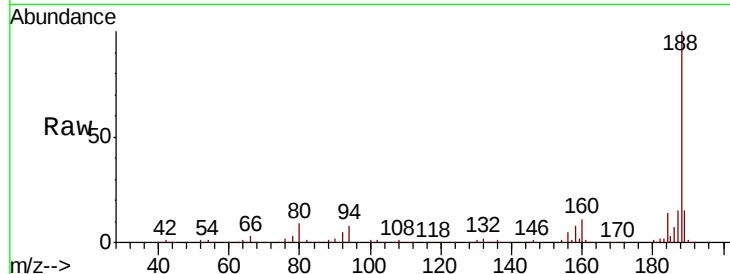




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110686.D
Acq: 12 Nov 2018 20:38

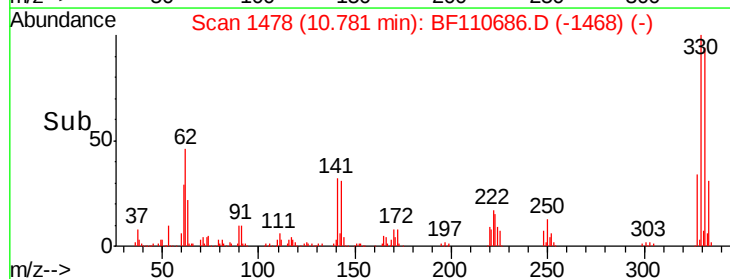
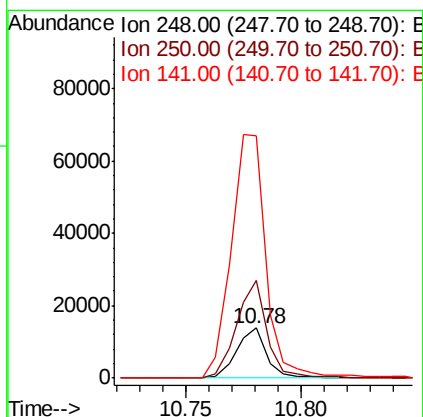
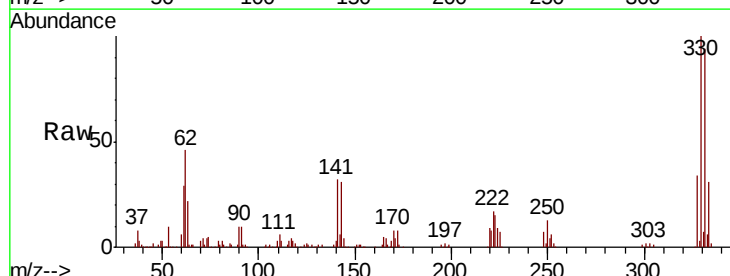
Instrument :
BNA_F
ClientSampleId :
W-3-S

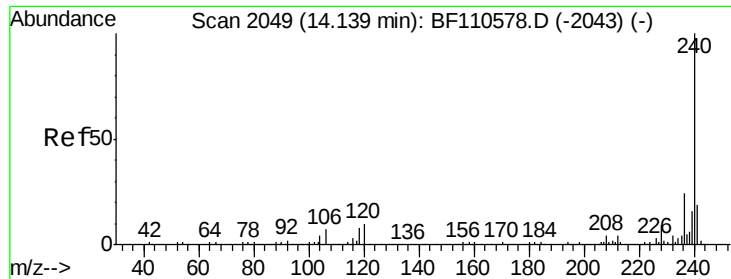
Tgt Ion:188 Resp: 326154
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 9.0 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.455 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110686.D
Acq: 12 Nov 2018 20:38

Tgt Ion:248 Resp: 12455
Ion Ratio Lower Upper
248 100
250 193.7 79.4 119.2#
141 483.8 55.9 83.9#

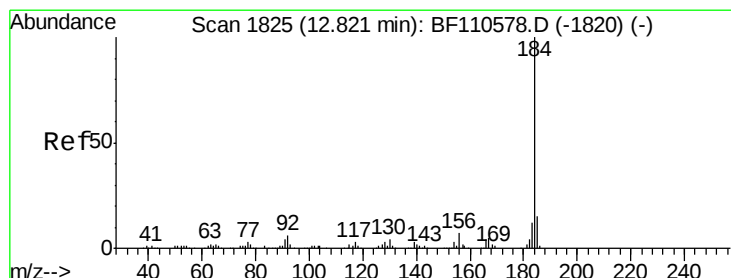
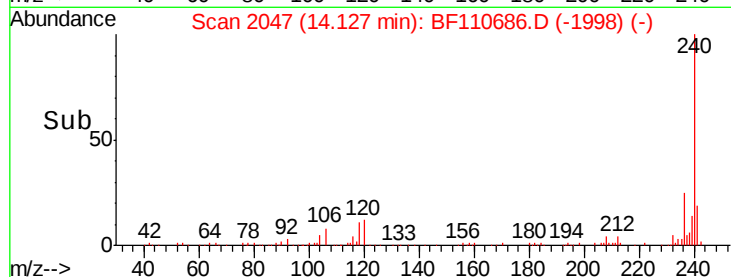
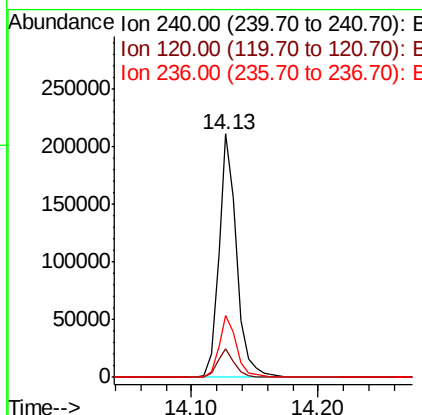
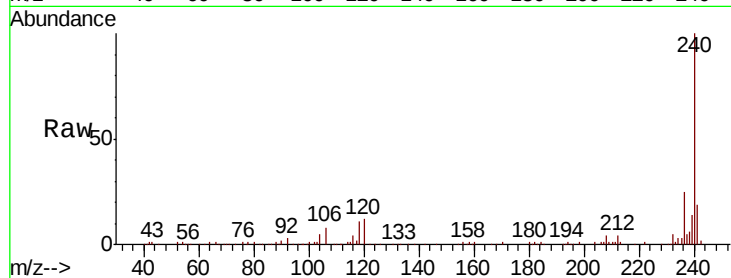




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110686.D
Acq: 12 Nov 2018 20:38

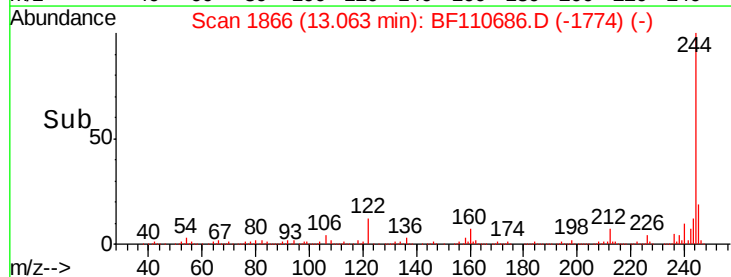
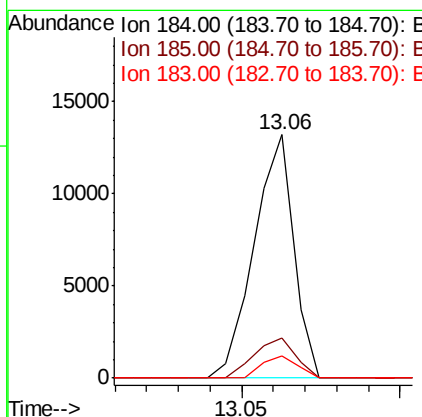
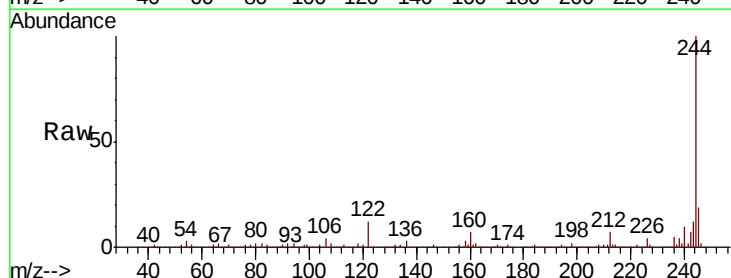
Instrument :
BNA_F
ClientSampleId :
W-3-S

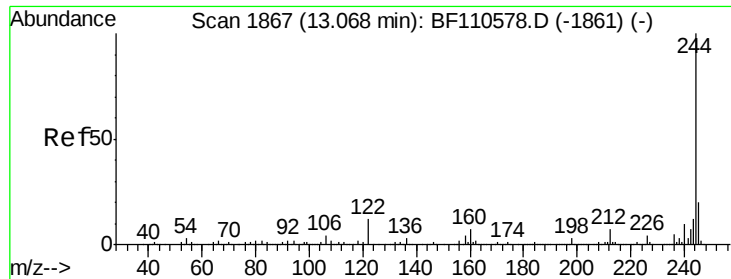
Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.3	12.5
236	25.2	21.2	31.8



#77
Benzidine
Concen: 2.035 ng
RT: 13.06 min Scan# 1866
Delta R.T. 0.24 min
Lab File: BF110686.D
Acq: 12 Nov 2018 20:38

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.6	13.4	20.2
183	9.0	9.4	14.2#





#79

Terphenyl-d14

Concen: 78.511 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110686.D

Acq: 12 Nov 2018 20:38

Instrument :

BNA_F

ClientSampleId :

W-3-S

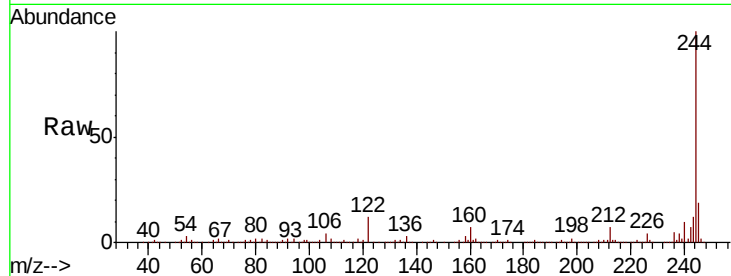
Tgt Ion:244 Resp: 856095

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

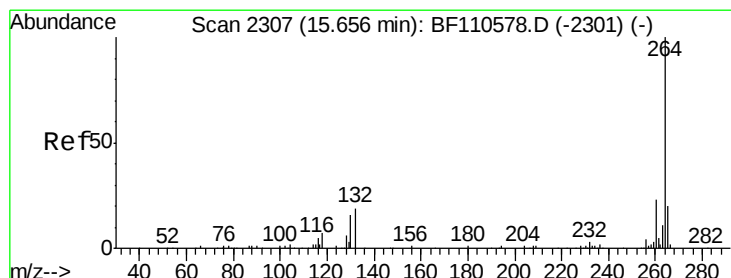
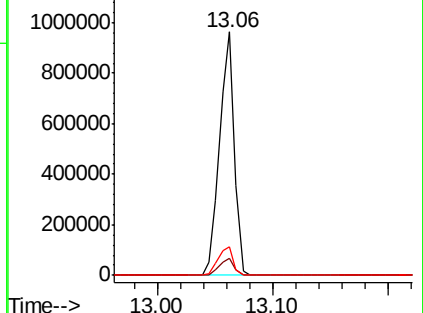
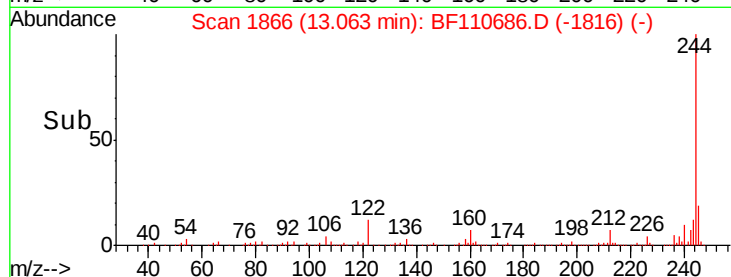
122 11.8 8.7 13.1



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: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110686.D

Acq: 12 Nov 2018 20:38

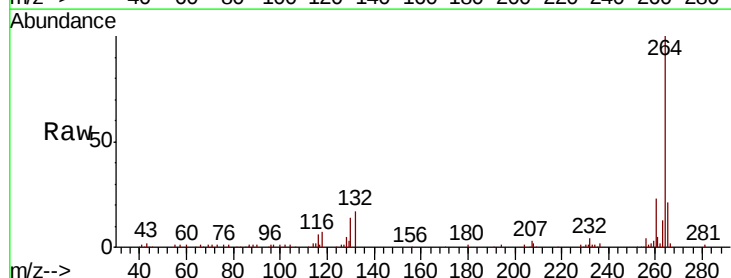
Tgt Ion:264 Resp: 152123

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 20.7 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

