

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071822\
 Data File : BF129264.D
 Acq On : 18 Jul 2022 11:01
 Operator : CG\JU
 Sample : N3726-03DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AWOM-12-12.5DL

Quant Time: Jul 19 02:07:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

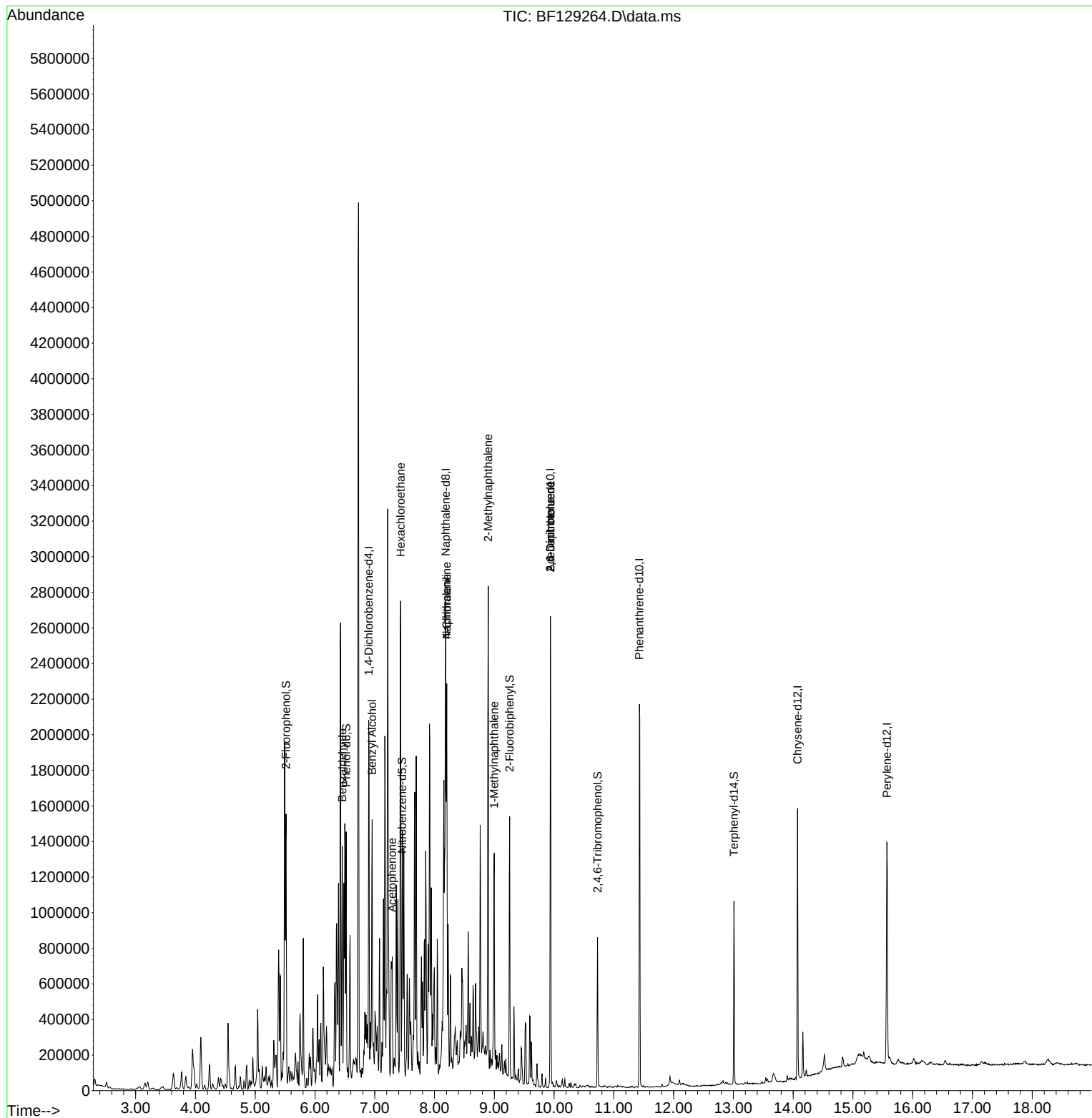
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	249860	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	978919	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	520964	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	791728	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	466030	20.000	ng	# 0.00
86) Perylene-d12	15.568	264	551925	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	306790	19.609	ng	0.00
7) Phenol-d6	6.522	99	393598	19.452	ng	0.00
23) Nitrobenzene-d5	7.457	82	229065	12.508	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	81160	16.784	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	418878	13.622	ng	0.00
79) Terphenyl-d14	13.010	244	306308	12.296	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.457	77	42920	3.456	ng	# 1
15) Benzyl Alcohol	6.957	79	32012	2.376	ng	# 1
18) Hexachloroethane	7.433	117	138326	20.893	ng	# 1
22) Acetophenone	7.292	105	220404	9.756	ng	# 55
31) Naphthalene	8.204	128	579007	12.484	ng	# 98
33) 4-Chloroaniline	8.204	127	81200	4.222	ng	# 36
37) 2-Methylnaphthalene	8.898	142	683471	22.610	ng	# 99
38) 1-Methylnaphthalene	8.998	142	314780	10.767	ng	# 99
51) 2,6-Dinitrotoluene	9.939	165	68884	9.416	ng	# 26
57) 2,4-Dinitrotoluene	9.939	165	68884	7.181	ng	# 21

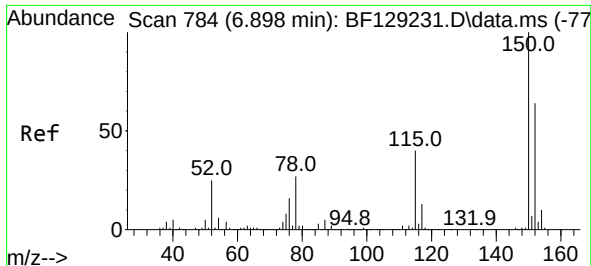
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071822\
Data File : BF129264.D
Acq On : 18 Jul 2022 11:01
Operator : CG\JU
Sample : N3726-03DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AWOM-12-12.5DL

Quant Time: Jul 19 02:07:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 12:55:49 2022
Response via : Initial Calibration

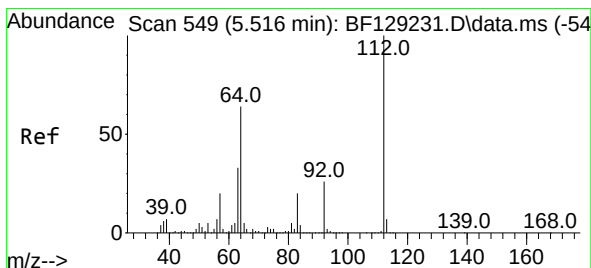
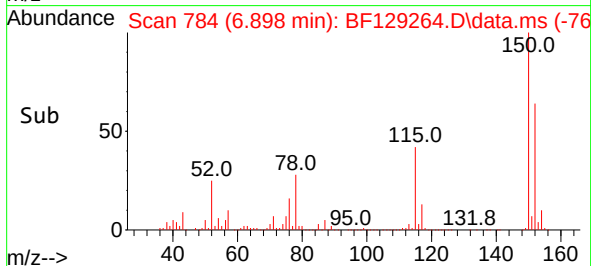
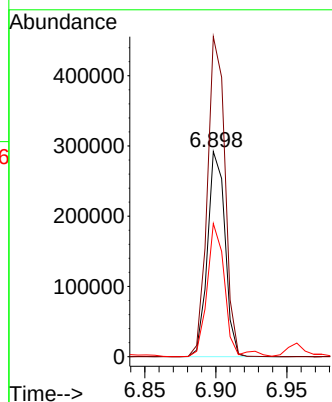
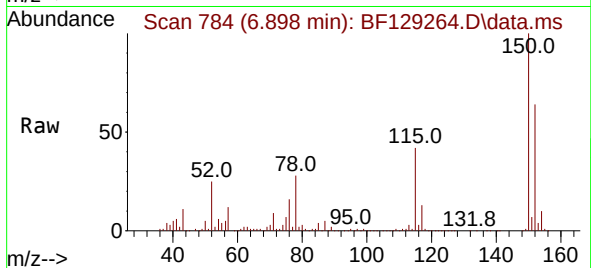




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 784
Delta R.T. 0.000 min
Lab File: BF129264.D
Acq: 18 Jul 2022 11:01

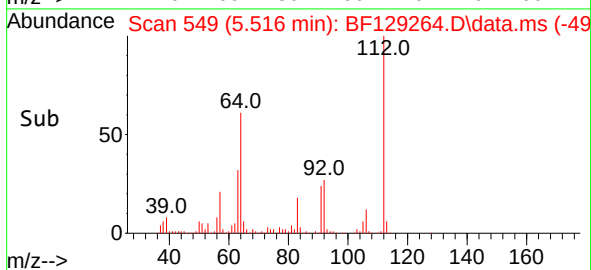
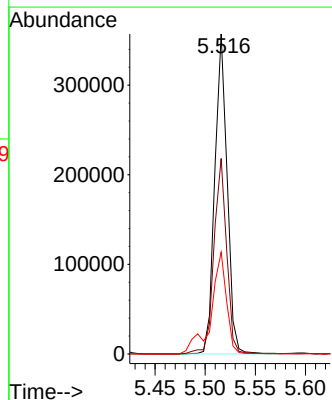
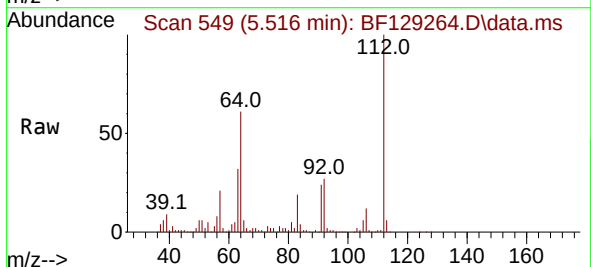
Instrument :
BNA_F
ClientSampleId :
AWOM-12-12.5DL

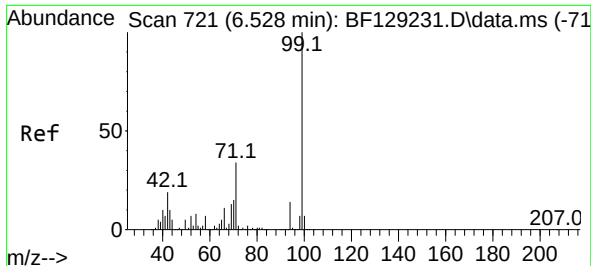
Tgt Ion:152 Resp: 249860
Ion Ratio Lower Upper
152 100
150 156.0 123.7 185.5
115 64.9 49.9 74.9



#5
2-Fluorophenol
Concen: 19.609 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.000 min
Lab File: BF129264.D
Acq: 18 Jul 2022 11:01

Tgt Ion:112 Resp: 306790
Ion Ratio Lower Upper
112 100
64 61.1 53.3 79.9
63 31.8 28.0 42.0

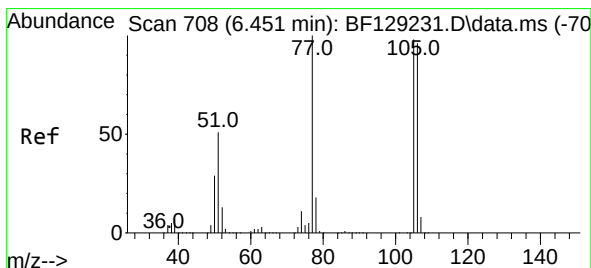
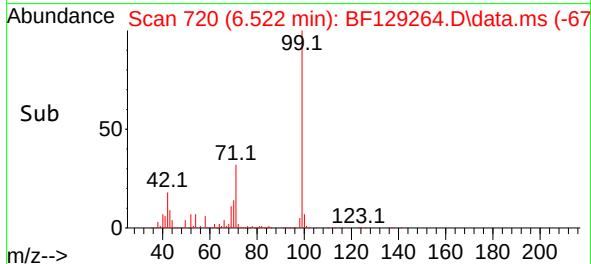
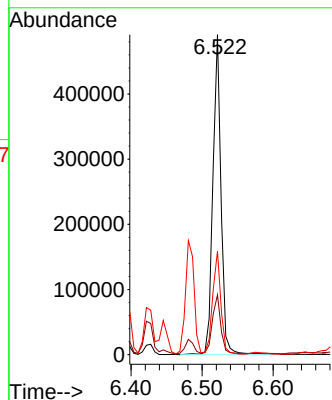
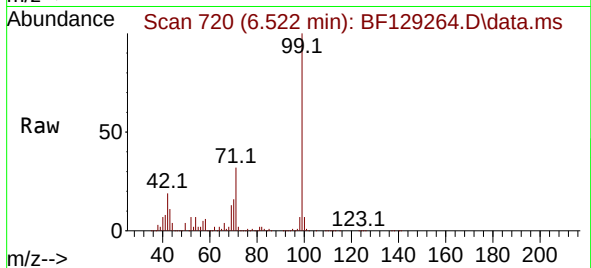




#7
Phenol-d6
Concen: 19.452 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129264.D
Acq: 18 Jul 2022 11:01

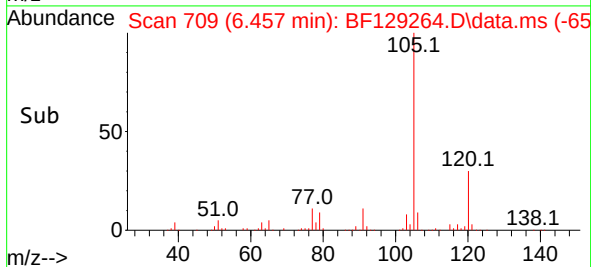
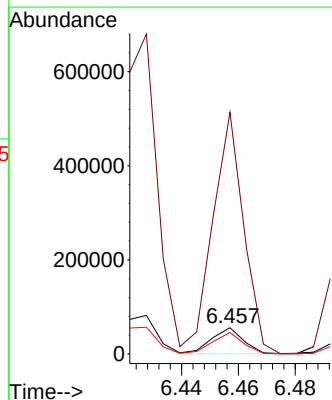
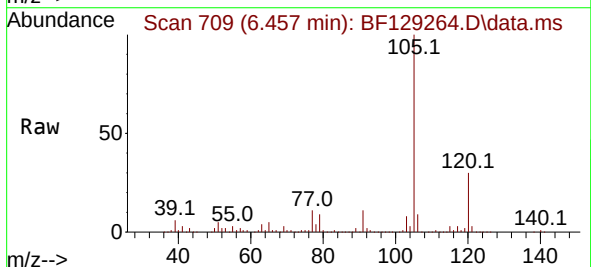
Instrument :
BNA_F
ClientSampleId :
AWOM-12-12.5DL

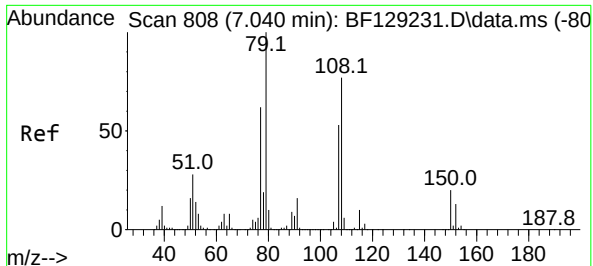
Tgt Ion: 99 Resp: 393598
Ion Ratio Lower Upper
99 100
42 18.7 17.3 25.9
71 32.4 28.9 43.3



#9
Benzaldehyde
Concen: 3.456 ng
RT: 6.457 min Scan# 709
Delta R.T. 0.006 min
Lab File: BF129264.D
Acq: 18 Jul 2022 11:01

Tgt Ion: 77 Resp: 42920
Ion Ratio Lower Upper
77 100
105 923.3 81.6 121.6#
106 82.1 76.1 116.1





#15

Benzyl Alcohol

Concen: 2.376 ng

RT: 6.957 min Scan# 794

Delta R.T. -0.083 min

Lab File: BF129264.D

Acq: 18 Jul 2022 11:01

Instrument :

BNA_F

ClientSampleId :

AWOM-12-12.5DL

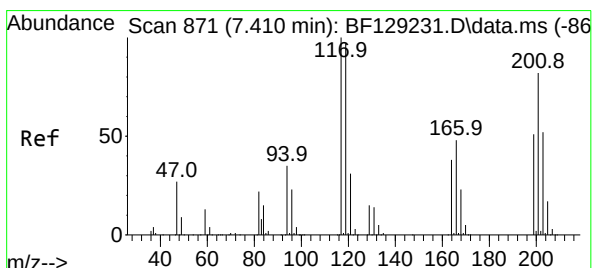
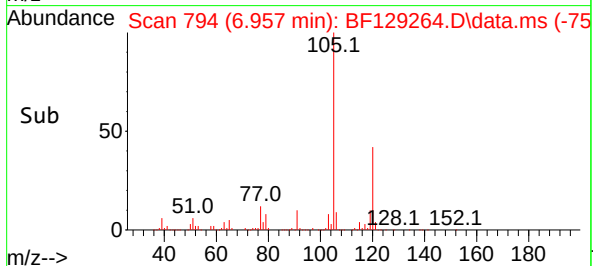
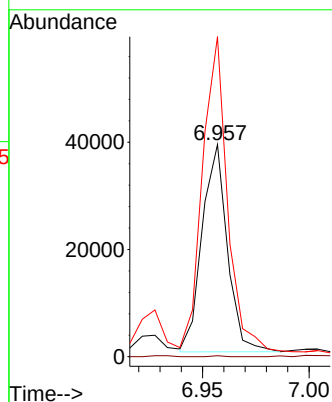
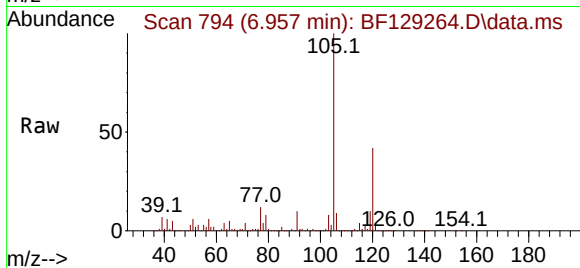
Tgt Ion: 79 Resp: 32012

Ion Ratio Lower Upper

79 100

108 0.5 61.8 92.6#

77 150.8 50.2 75.4#



#18

Hexachloroethane

Concen: 20.893 ng

RT: 7.433 min Scan# 875

Delta R.T. 0.023 min

Lab File: BF129264.D

Acq: 18 Jul 2022 11:01

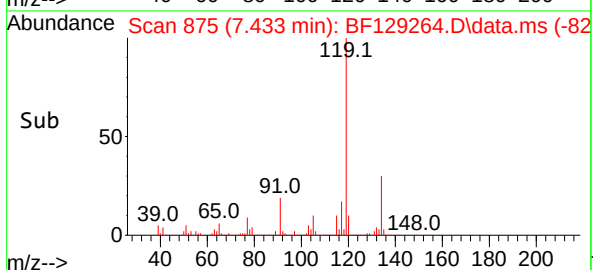
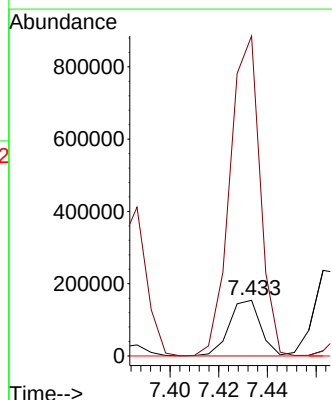
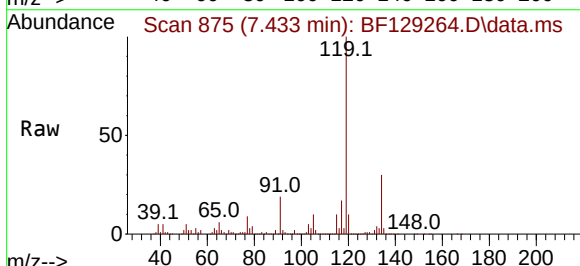
Tgt Ion: 117 Resp: 138326

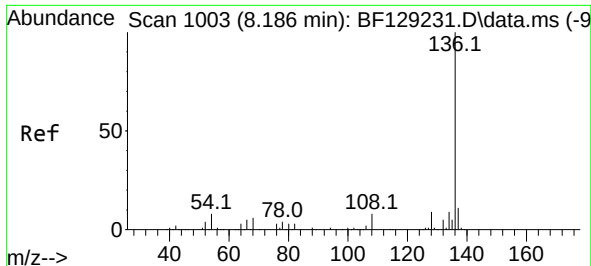
Ion Ratio Lower Upper

117 100

119 574.1 77.4 116.2#

201 0.0 84.6 127.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.186 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF129264.D

Acq: 18 Jul 2022 11:01

Instrument :

BNA_F

ClientSampleId :

AWOM-12-12.5DL

Tgt Ion:136 Resp: 978919

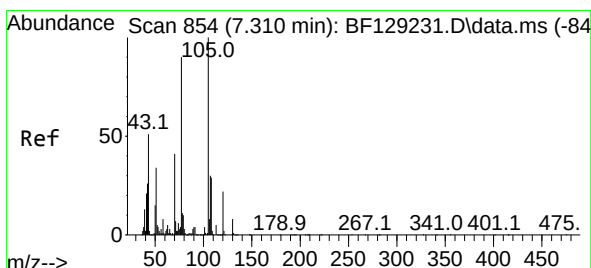
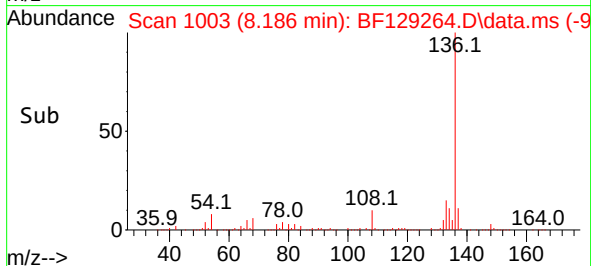
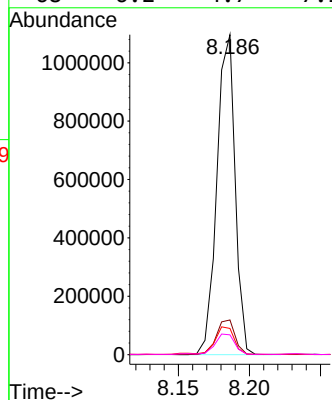
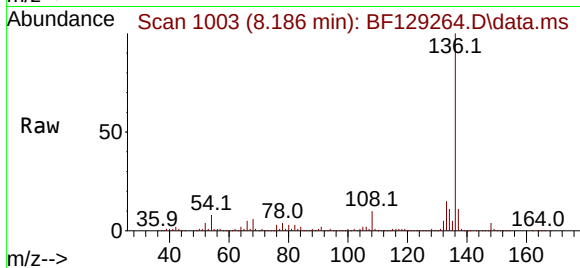
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.2 7.5 11.3

68 6.2 4.7 7.1



#22

Acetophenone

Concen: 9.756 ng

RT: 7.292 min Scan# 851

Delta R.T. -0.018 min

Lab File: BF129264.D

Acq: 18 Jul 2022 11:01

Tgt Ion:105 Resp: 220404

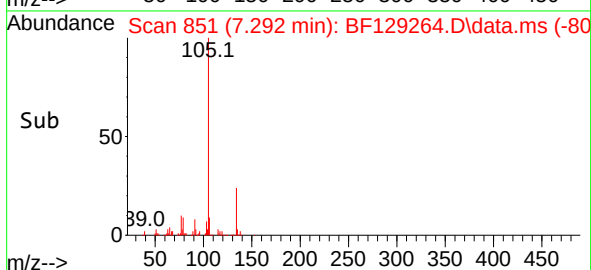
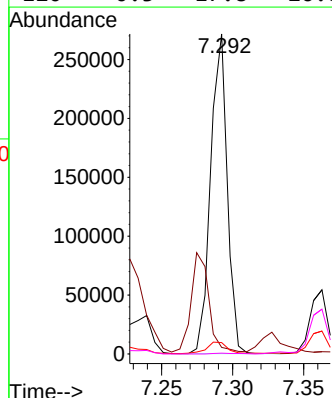
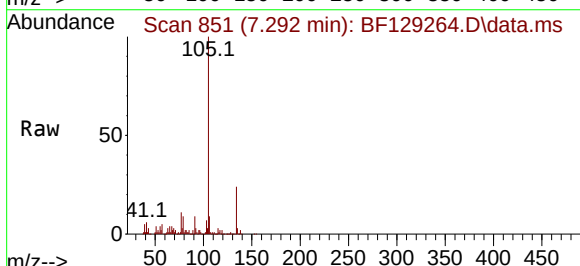
Ion Ratio Lower Upper

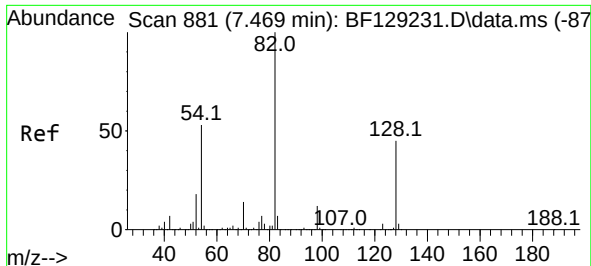
105 100

71 2.1 5.0 7.4#

51 3.5 25.0 37.4#

120 0.3 17.8 26.8#

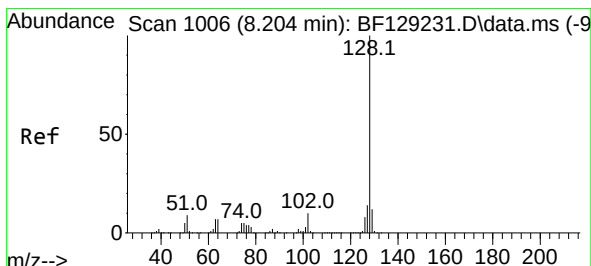
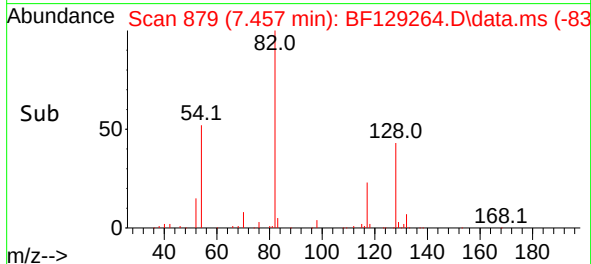
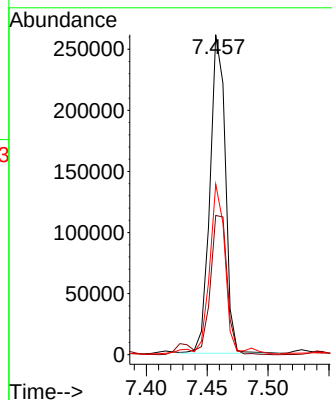
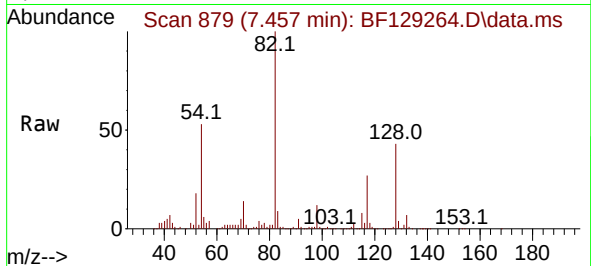




#23
Nitrobenzene-d5
Concen: 12.508 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129264.D
Acq: 18 Jul 2022 11:01

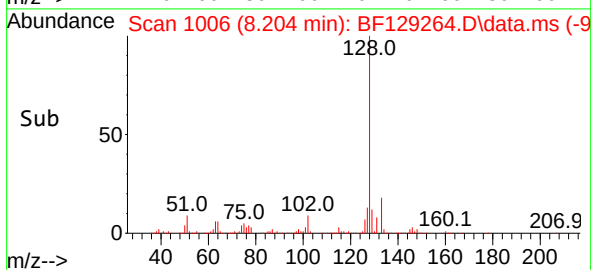
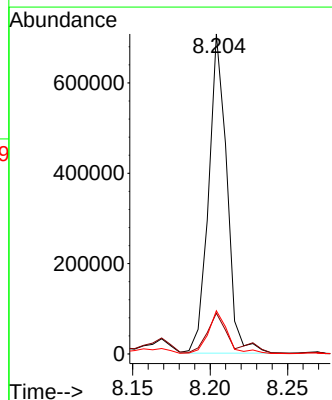
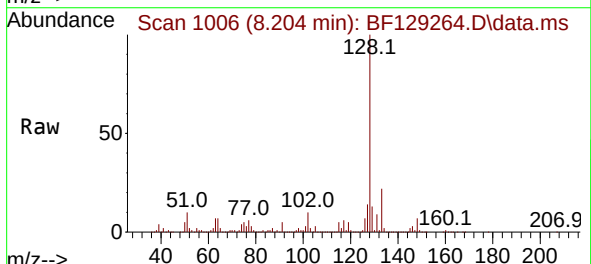
Instrument :
BNA_F
ClientSampleId :
AWOM-12-12.5DL

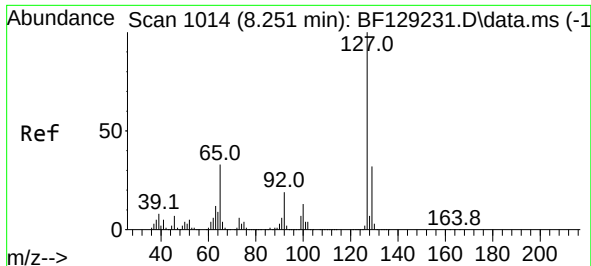
Tgt Ion: 82 Resp: 229065
Ion Ratio Lower Upper
82 100
128 43.5 34.0 51.0
54 53.3 46.9 70.3



#31
Naphthalene
Concen: 12.484 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BF129264.D
Acq: 18 Jul 2022 11:01

Tgt Ion: 128 Resp: 579007
Ion Ratio Lower Upper
128 100
129 12.7 9.2 13.8
127 13.5 10.5 15.7

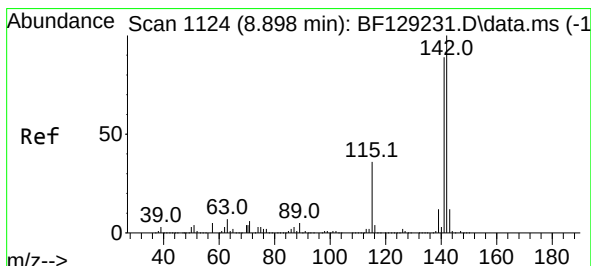
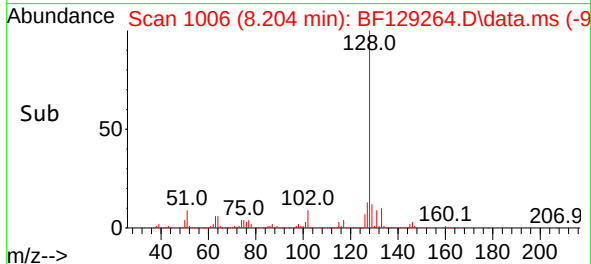
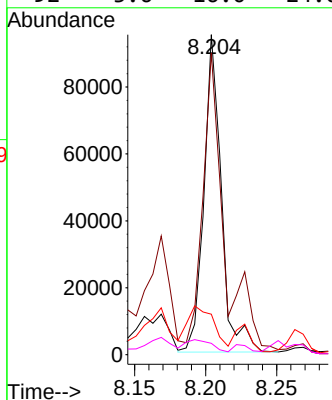
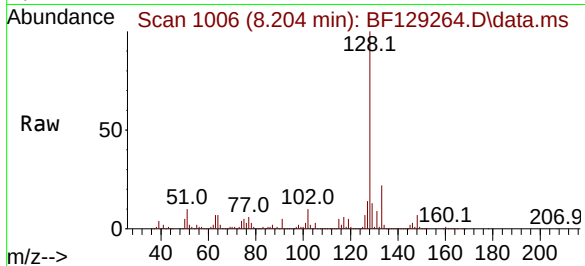




#33
4-Chloroaniline
Concen: 4.222 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.047 min
Lab File: BF129264.D
Acq: 18 Jul 2022 11:01

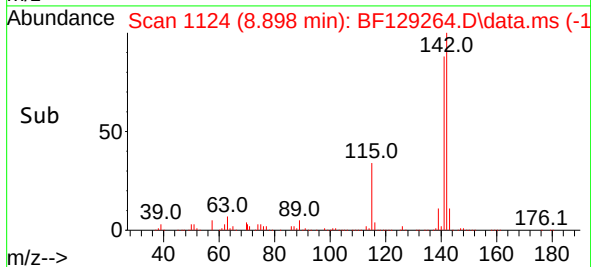
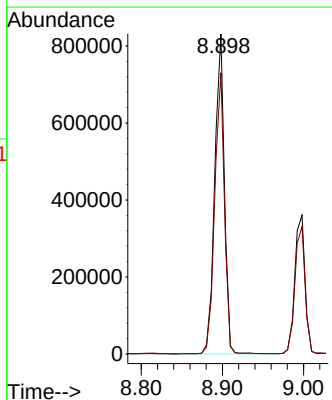
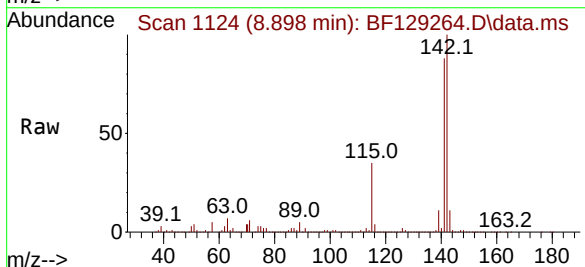
Instrument :
BNA_F
ClientSampleId :
AWOM-12-12.5DL

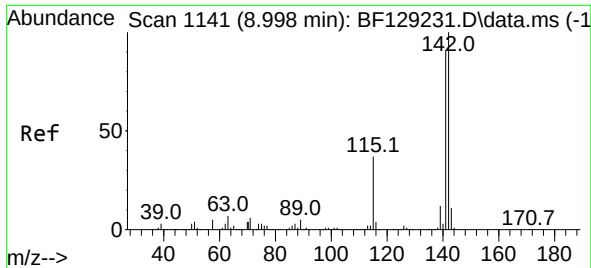
Tgt Ion:	127	Resp:	81200
Ion	Ratio	Lower	Upper
127	100		
129	94.3	26.4	39.6#
65	12.6	26.4	39.6#
92	3.6	16.0	24.0#



#37
2-Methylnaphthalene
Concen: 22.610 ng
RT: 8.898 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BF129264.D
Acq: 18 Jul 2022 11:01

Tgt Ion:	142	Resp:	683471
Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.0	106.4

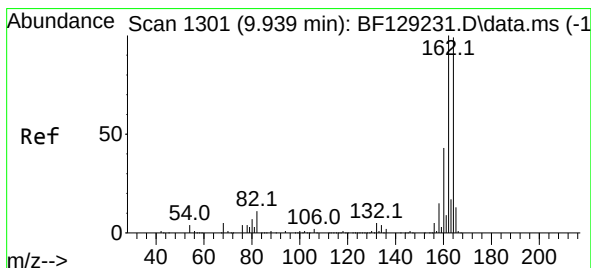
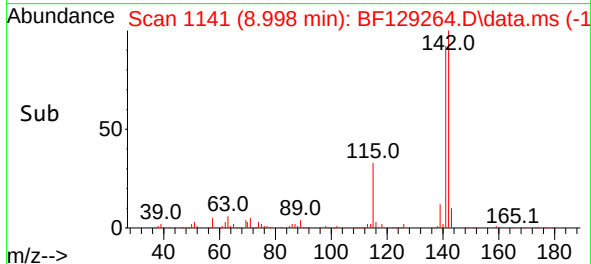
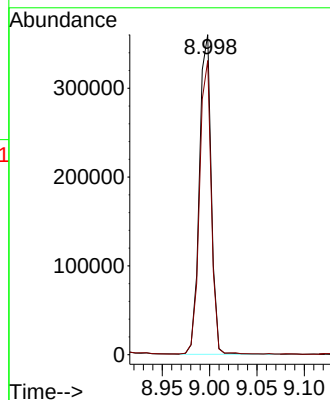
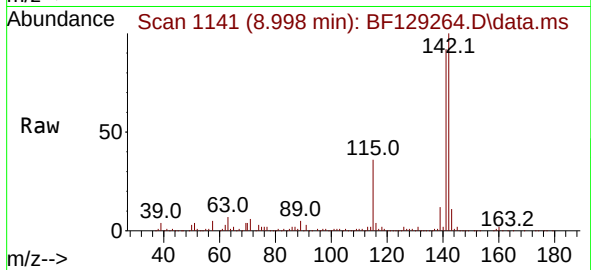




#38
1-Methylnaphthalene
Concen: 10.767 ng
RT: 8.998 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF129264.D
Acq: 18 Jul 2022 11:01

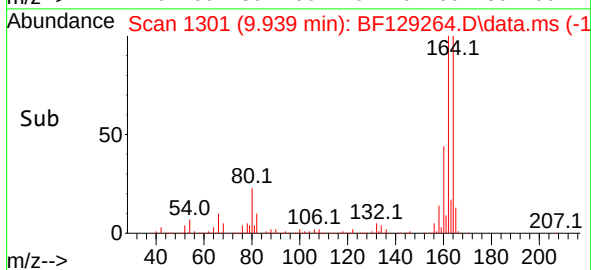
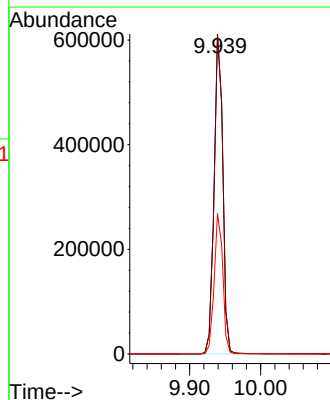
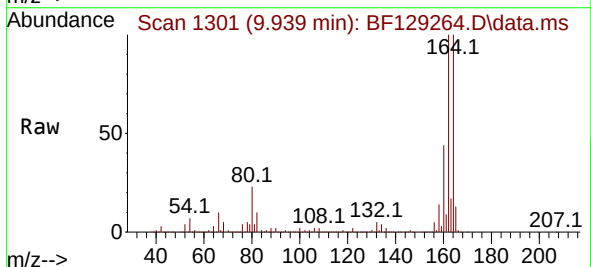
Instrument :
BNA_F
ClientSampleId :
AWOM-12-12.5DL

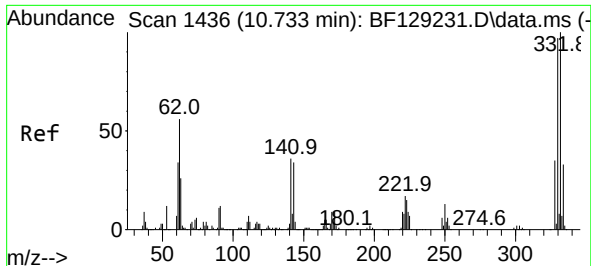
Tgt Ion:142 Resp: 314780
Ion Ratio Lower Upper
142 100
141 91.9 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BF129264.D
Acq: 18 Jul 2022 11:01

Tgt Ion:164 Resp: 520964
Ion Ratio Lower Upper
164 100
162 100.1 79.5 119.3
160 43.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 16.784 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF129264.D

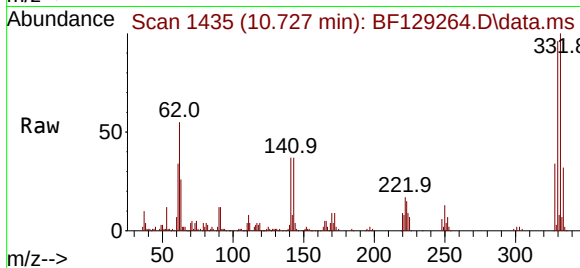
Acq: 18 Jul 2022 11:01

Instrument :

BNA_F

ClientSampleId :

AWOM-12-12.5DL



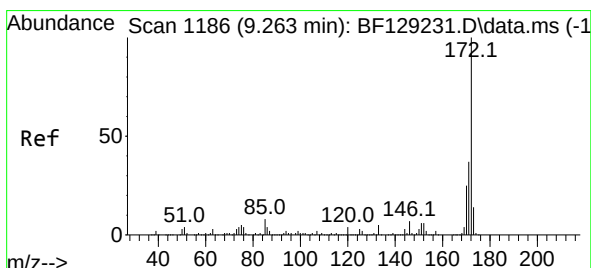
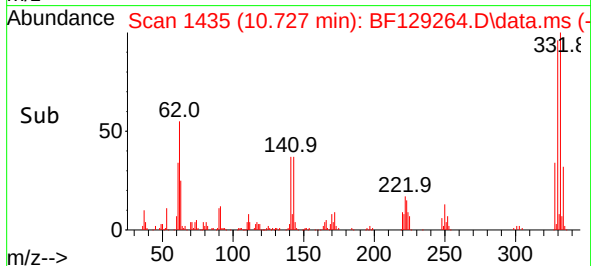
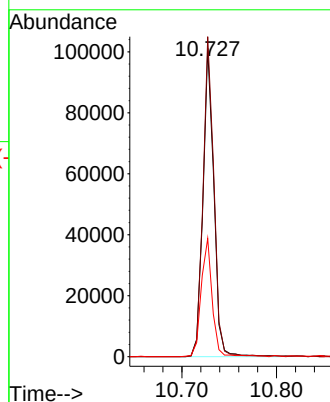
Tgt Ion:330 Resp: 81160

Ion Ratio Lower Upper

330 100

332 103.2 76.8 115.2

141 39.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 13.622 ng

RT: 9.257 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF129264.D

Acq: 18 Jul 2022 11:01

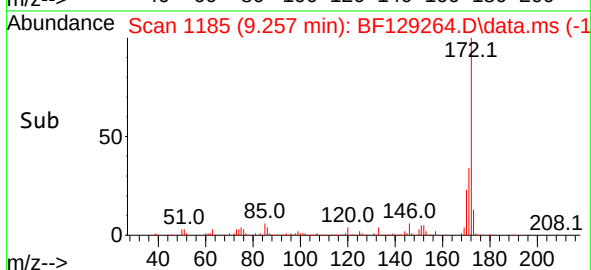
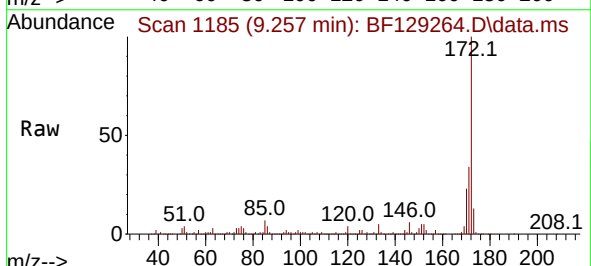
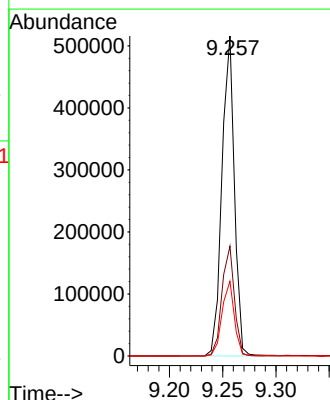
Tgt Ion:172 Resp: 418878

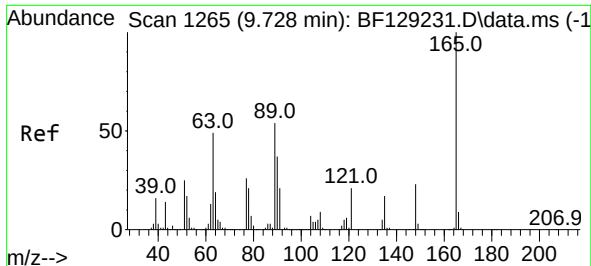
Ion Ratio Lower Upper

172 100

171 34.3 28.8 43.2

170 23.4 19.8 29.8

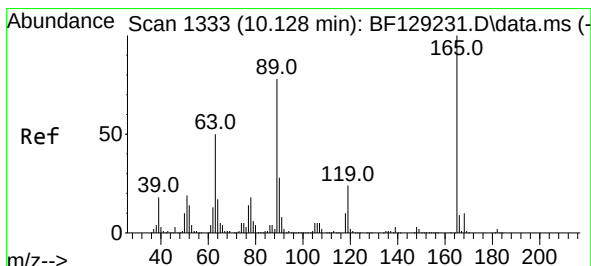
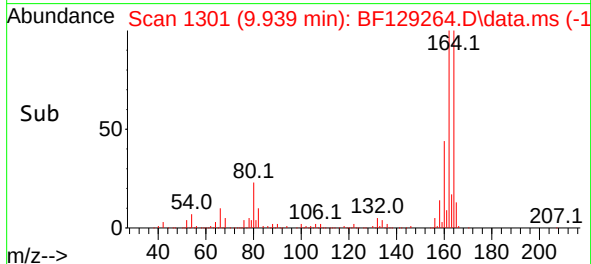
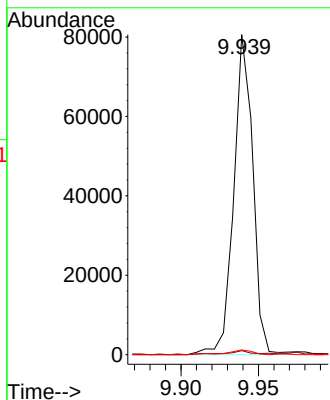
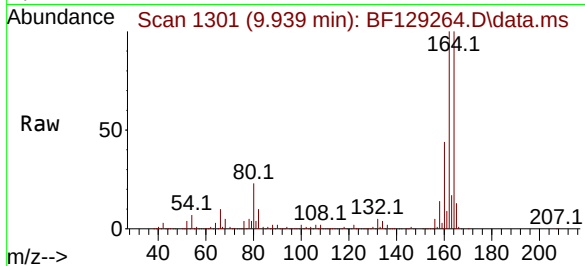




#51
2,6-Dinitrotoluene
Concen: 9.416 ng
RT: 9.939 min Scan# 1301
Delta R.T. 0.212 min
Lab File: BF129264.D
Acq: 18 Jul 2022 11:01

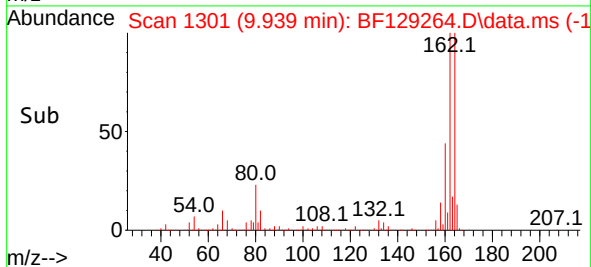
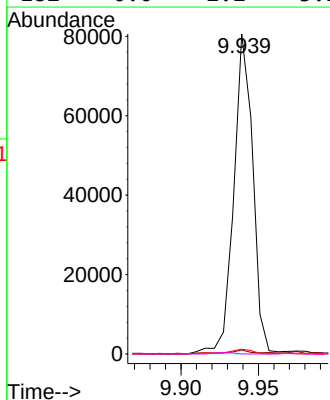
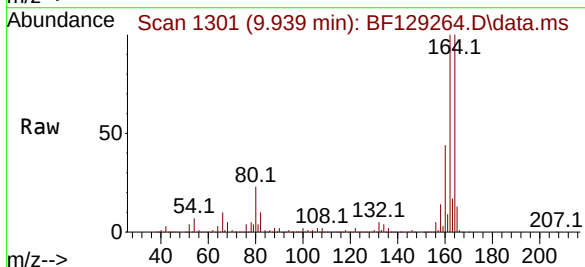
Instrument :
BNA_F
ClientSampleId :
AWOM-12-12.5DL

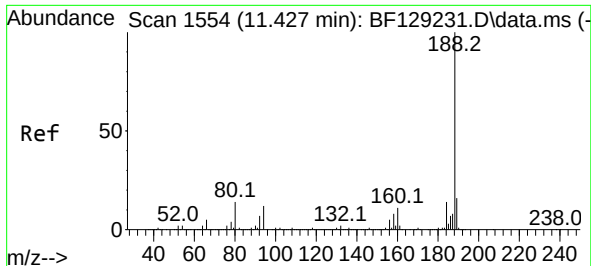
Tgt Ion:165 Resp: 68884
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.5 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.181 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.188 min
Lab File: BF129264.D
Acq: 18 Jul 2022 11:01

Tgt Ion:165 Resp: 68884
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#

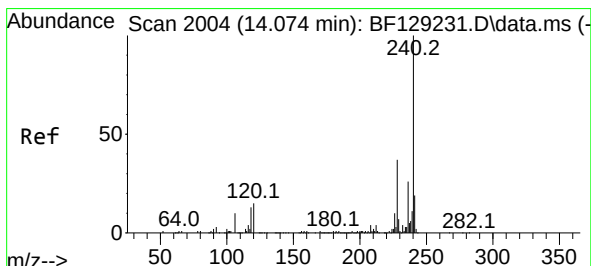
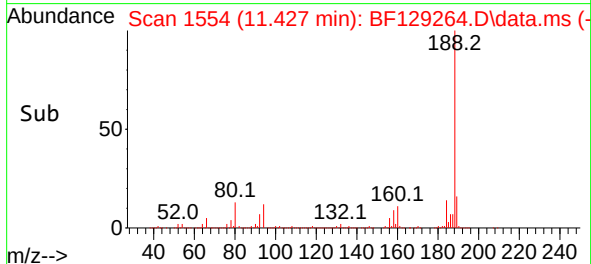
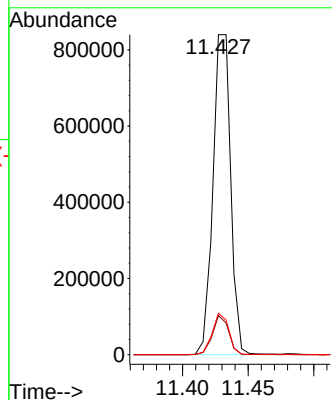
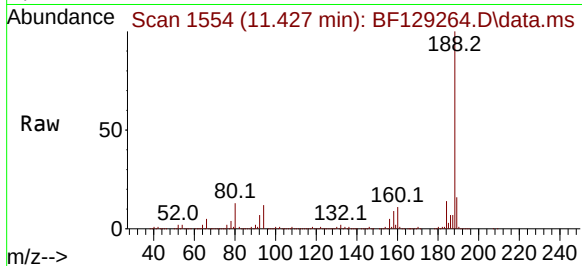




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF129264.D
Acq: 18 Jul 2022 11:01

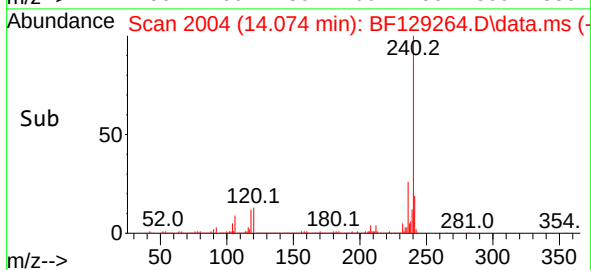
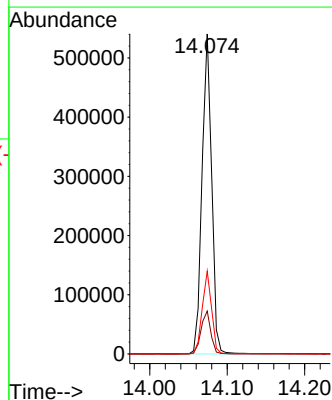
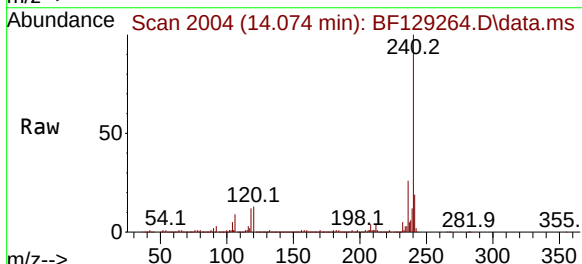
Instrument :
BNA_F
ClientSampleId :
AWOM-12-12.5DL

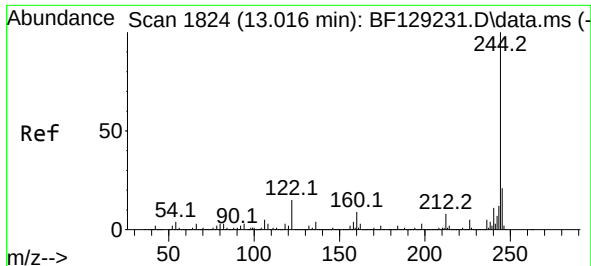
Tgt Ion:188 Resp: 791728
Ion Ratio Lower Upper
188 100
94 12.2 7.0 10.6#
80 12.9 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF129264.D
Acq: 18 Jul 2022 11:01

Tgt Ion:240 Resp: 466030
Ion Ratio Lower Upper
240 100
120 13.4 8.9 13.3#
236 25.9 20.8 31.2

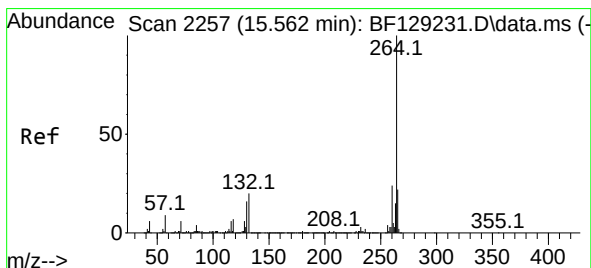
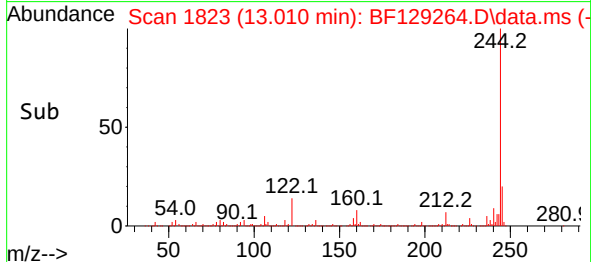
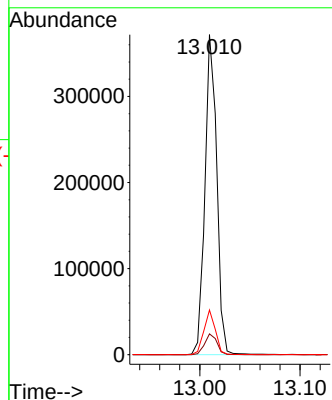
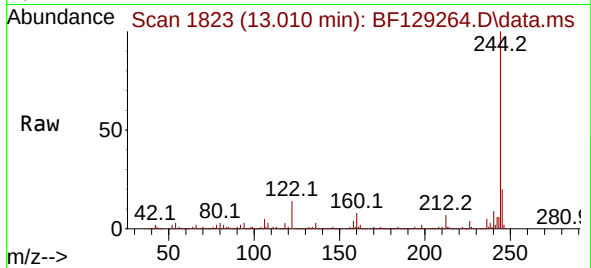




#79
 Terphenyl-d14
 Concen: 12.296 ng
 RT: 13.010 min Scan# 1824
 Delta R.T. -0.006 min
 Lab File: BF129264.D
 Acq: 18 Jul 2022 11:01

Instrument :
 BNA_F
 ClientSampleId :
 AWOM-12-12.5DL

Tgt Ion:244 Resp: 306308
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.1 9.1
 122 13.9 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2258
 Delta R.T. 0.006 min
 Lab File: BF129264.D
 Acq: 18 Jul 2022 11:01

Tgt Ion:264 Resp: 551925
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.4 27.6
 265 21.4 17.2 25.8

