

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF133008.D
 Acq On : 24 Apr 2023 21:53
 Operator : CG\JU
 Sample : 02464-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-92

Quant Time: Apr 25 02:12:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

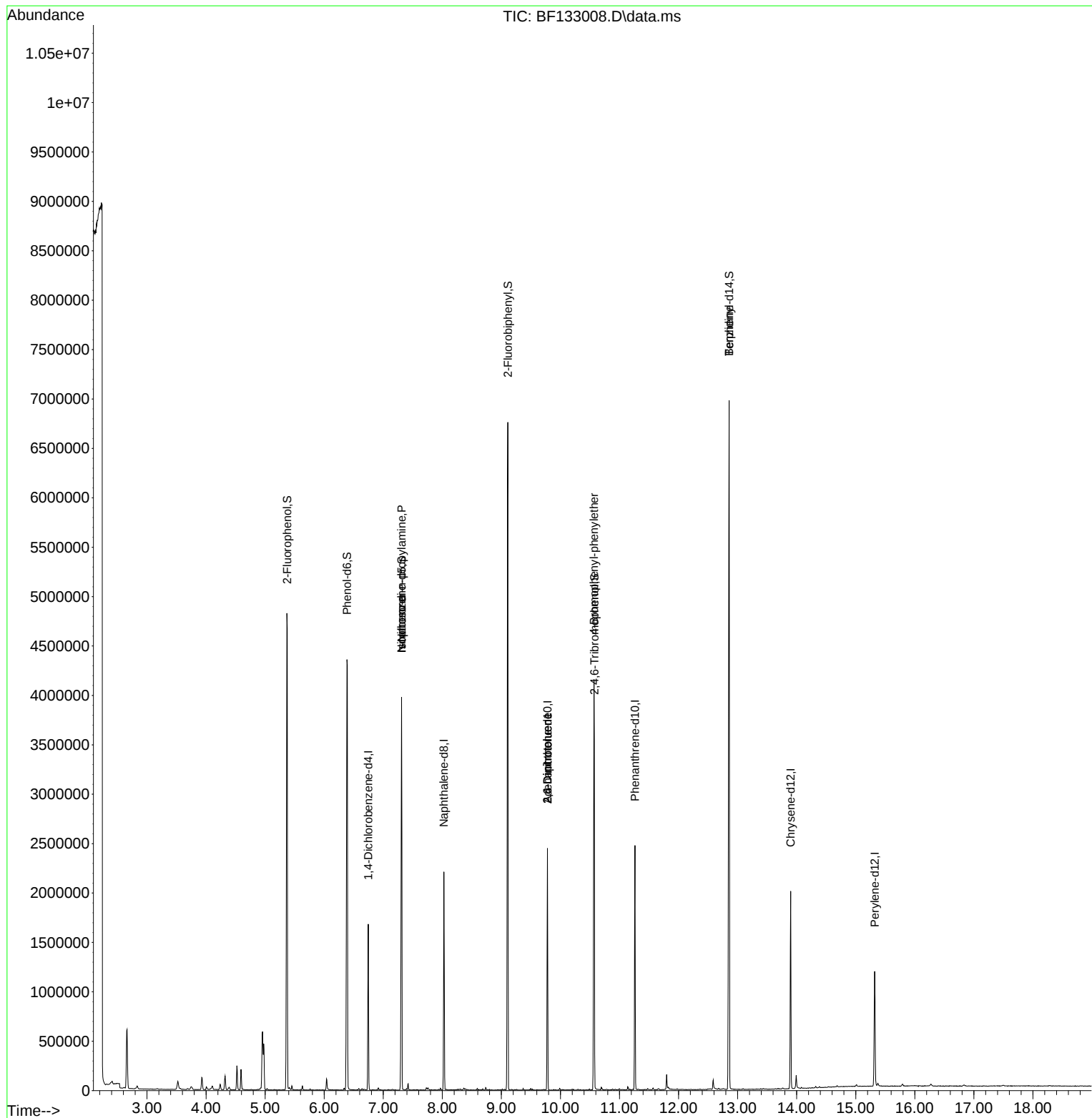
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	209199	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	832875	20.000	ng	-0.01
39) Acenaphthene-d10	9.780	164	436090	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	795842	20.000	ng	0.00
76) Chrysene-d12	13.898	240	586649	20.000	ng	-0.01
86) Perylene-d12	15.321	264	478587	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1577218	113.890	ng	0.02
7) Phenol-d6	6.387	99	1782153	103.680	ng	0.00
23) Nitrobenzene-d5	7.310	82	1289889	83.595	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	588992	134.298	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	2111816	81.017	ng	0.00
79) Terphenyl-d14	12.857	244	2703555	79.481	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.292	77	200	Below Cal	#	69
19) n-Nitroso-di-n-propyla...	7.310	70	171052	15.985	ng	# 78
25) Isophorone	7.310	82	1288733	43.989	ng	# 63
51) 2,6-Dinitrotoluene	9.780	165	55682	8.136	ng	# 25
57) 2,4-Dinitrotoluene	9.780	165	55682	6.380	ng	# 24
67) 4-Bromophenyl-phenylether	10.569	248	35761	4.143	ng	# 1
77) Benizidine	12.857	184	31174	3.142	ng	# 88

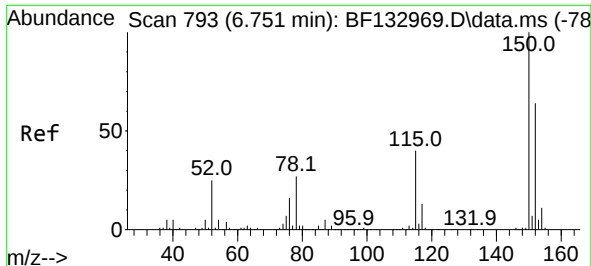
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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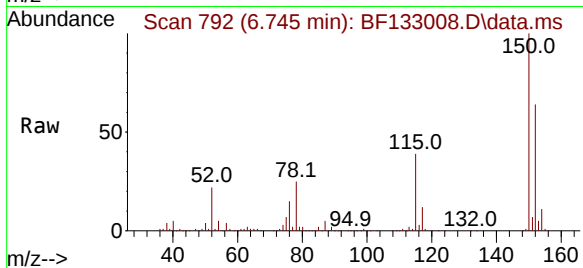
Quant Time: Apr 25 02:12:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 22 03:30:56 2023
Response via : Initial Calibration



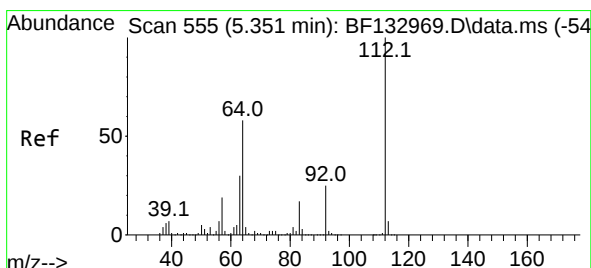
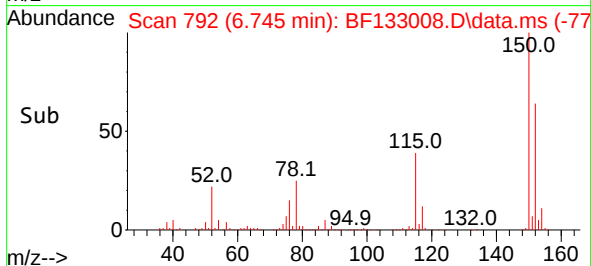
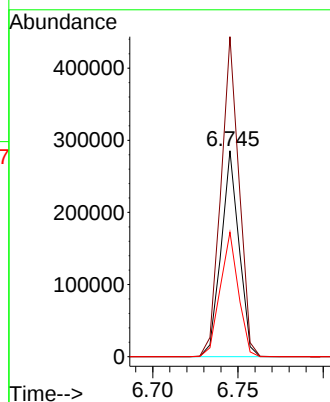


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133008.D
Acq: 24 Apr 2023 21:53

Instrument :
BNA_F
ClientSampleId :
MH-92

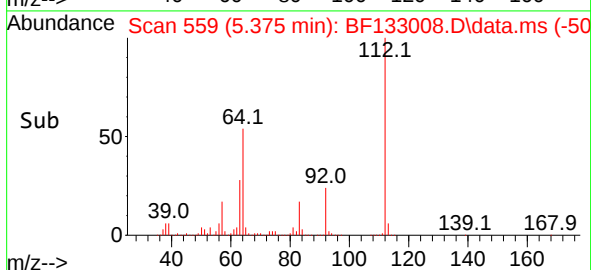
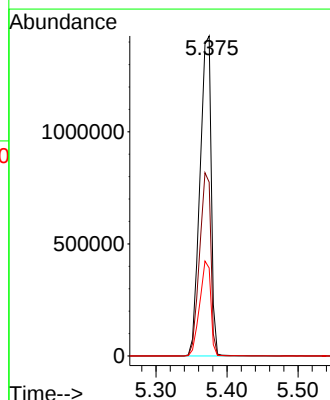
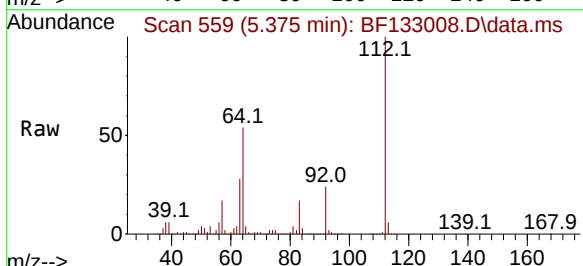


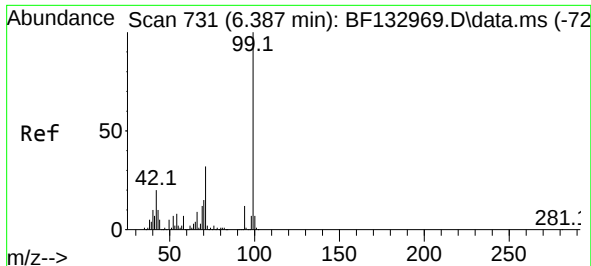
Tgt Ion:152 Resp: 209199
Ion Ratio Lower Upper
152 100
150 155.4 124.8 187.2
115 60.5 49.9 74.9



#5
2-Fluorophenol
Concen: 113.890 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.023 min
Lab File: BF133008.D
Acq: 24 Apr 2023 21:53

Tgt Ion:112 Resp: 1577218
Ion Ratio Lower Upper
112 100
64 54.3 46.8 70.2
63 27.5 23.8 35.8

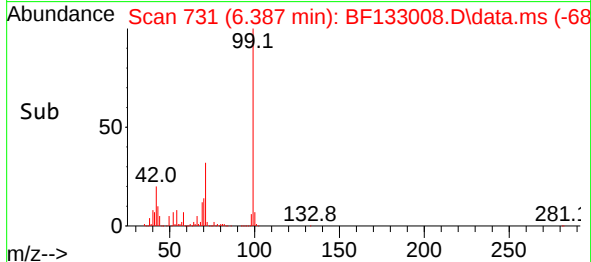
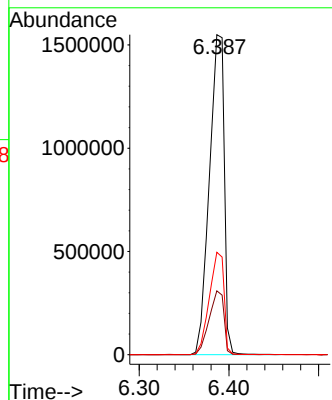
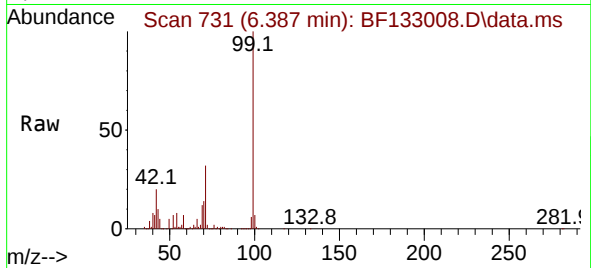




#7
Phenol-d6
Concen: 103.680 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133008.D
Acq: 24 Apr 2023 21:53

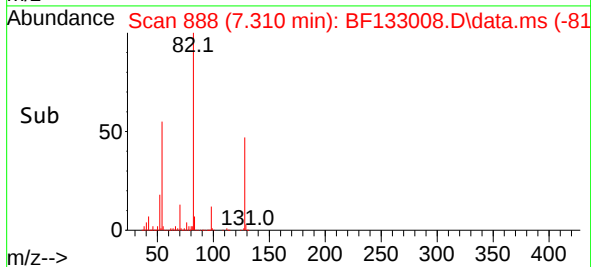
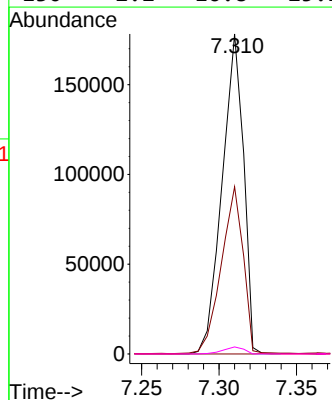
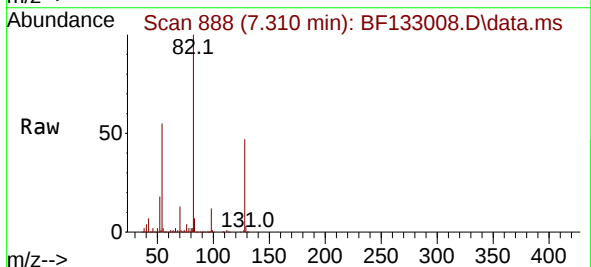
Instrument :
BNA_F
ClientSampleId :
MH-92

Tgt Ion: 99 Resp: 1782153
Ion Ratio Lower Upper
99 100
42 19.9 16.3 24.5
71 32.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.985 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.135 min
Lab File: BF133008.D
Acq: 24 Apr 2023 21:53

Tgt Ion: 70 Resp: 171052
Ion Ratio Lower Upper
70 100
42 52.2 51.8 77.6
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#



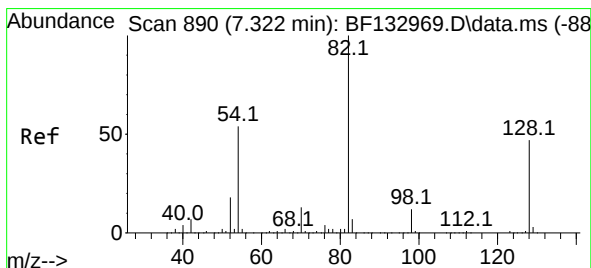
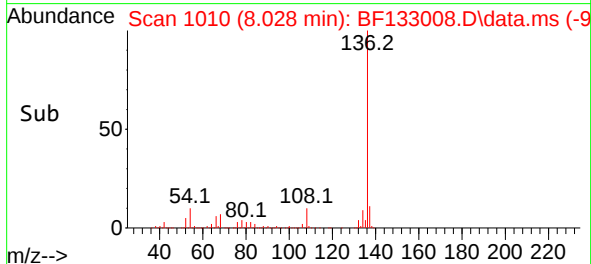
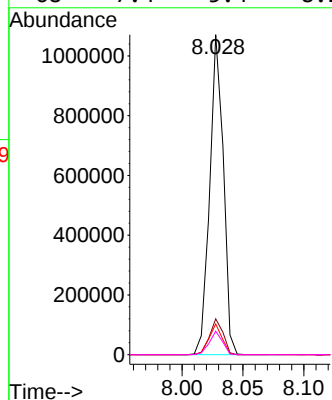
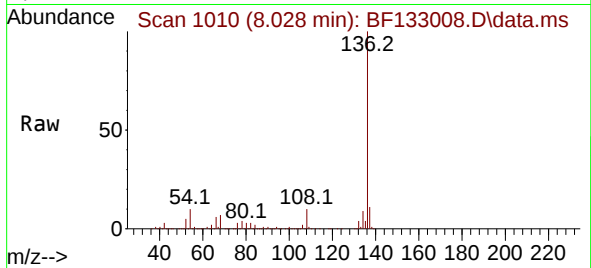


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF133008.D
Acq: 24 Apr 2023 21:53

Instrument :
BNA_F
ClientSampleId :
MH-92

Tgt Ion:136 Resp: 832875

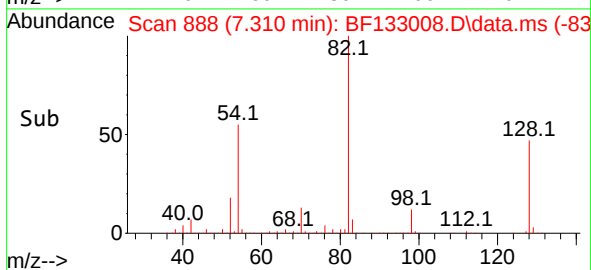
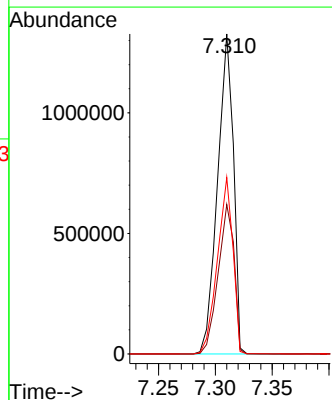
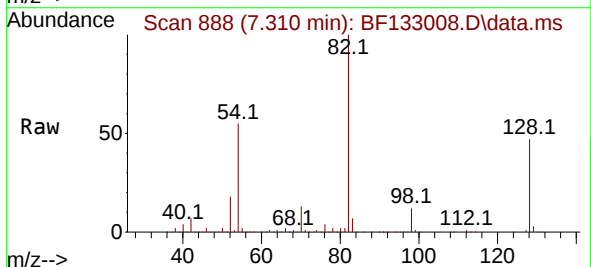
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	9.6	7.0	10.4
68	7.4	5.4	8.2



#23
Nitrobenzene-d5
Concen: 83.595 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF133008.D
Acq: 24 Apr 2023 21:53

Tgt Ion: 82 Resp: 1289889

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.7	56.5
54	55.1	43.0	64.4

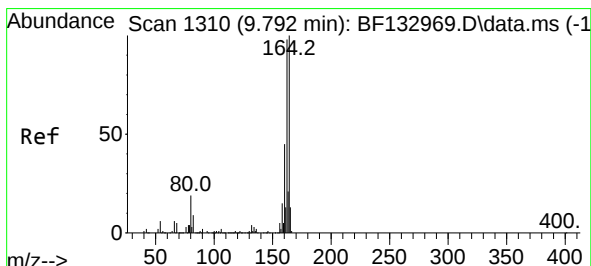
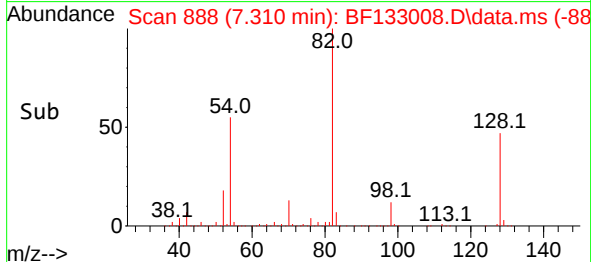
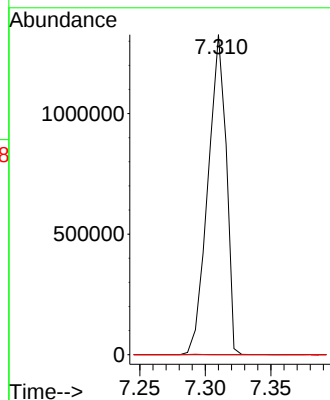
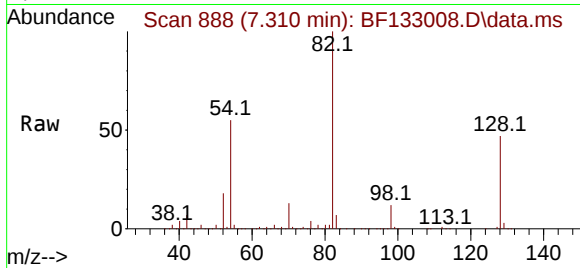




#25
Isophorone
Concen: 43.989 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF133008.D
Acq: 24 Apr 2023 21:53

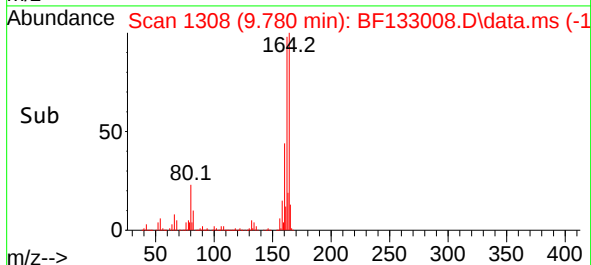
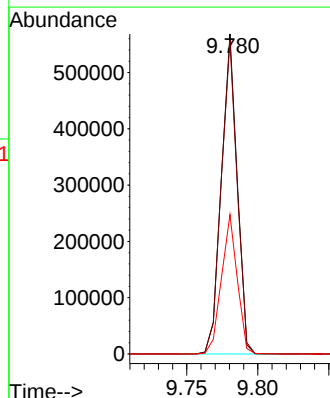
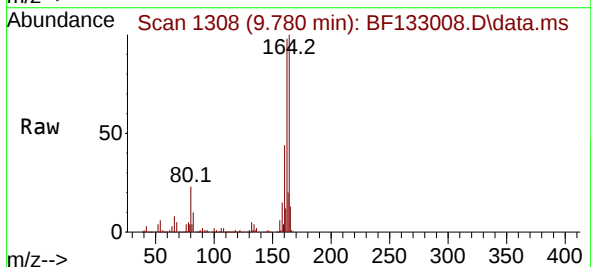
Instrument :
BNA_F
ClientSampleId :
MH-92

Tgt Ion: 82 Resp: 1288733
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF133008.D
Acq: 24 Apr 2023 21:53

Tgt Ion:164 Resp: 436090
Ion Ratio Lower Upper
164 100
162 98.0 78.7 118.1
160 43.5 35.8 53.6

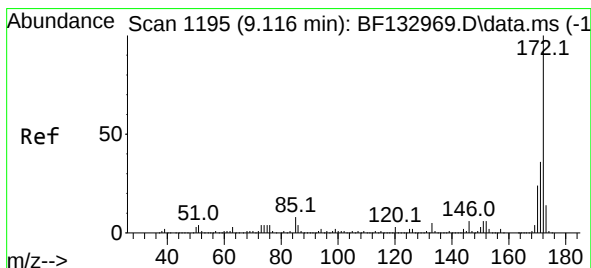
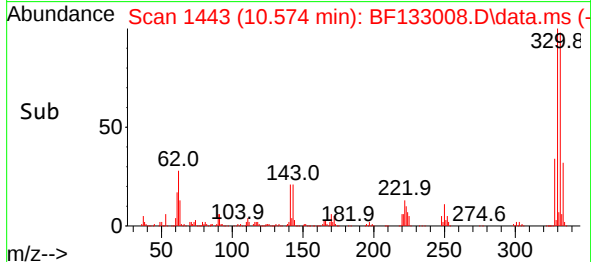
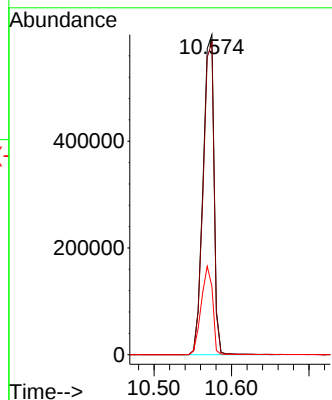
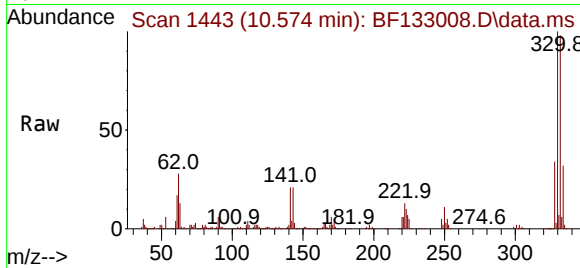




#42
2,4,6-Tribromophenol
Concen: 134.298 ng
RT: 10.574 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133008.D
Acq: 24 Apr 2023 21:53

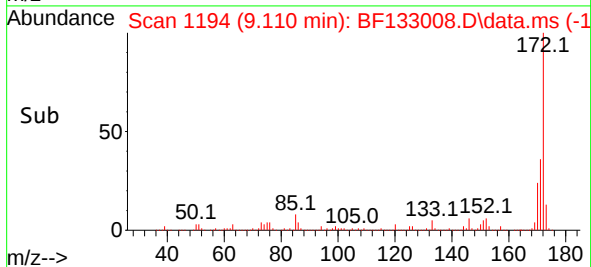
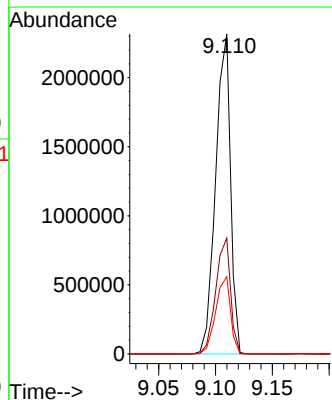
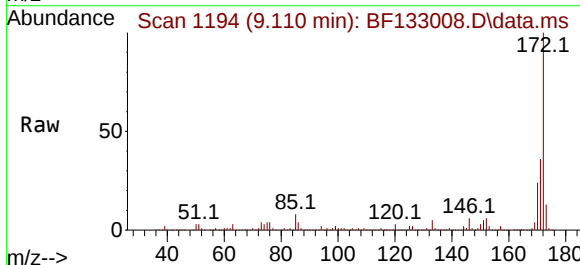
Instrument :
BNA_F
ClientSampleId :
MH-92

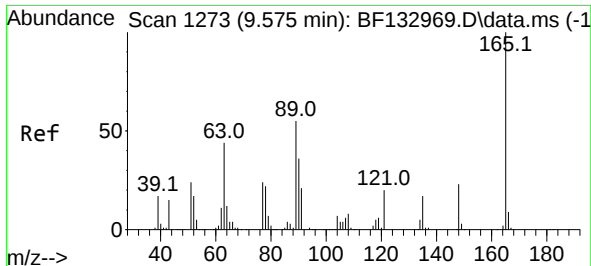
Tgt Ion:330 Resp: 588992
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 28.8 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 81.017 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF133008.D
Acq: 24 Apr 2023 21:53

Tgt Ion:172 Resp: 2111816
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.1 19.4 29.2

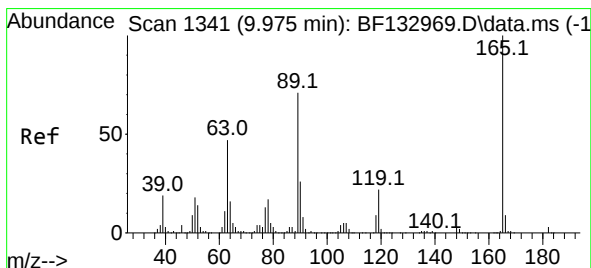
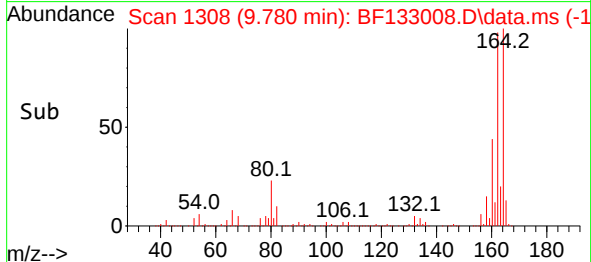
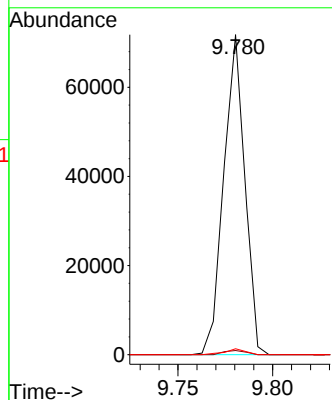
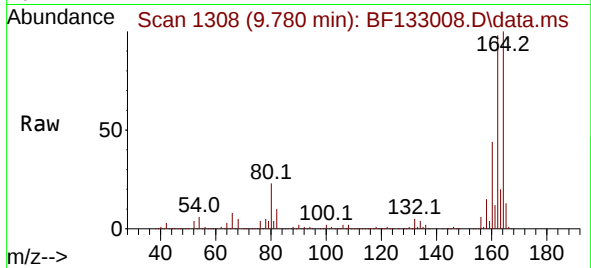




#51
2,6-Dinitrotoluene
Concen: 8.136 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133008.D
Acq: 24 Apr 2023 21:53

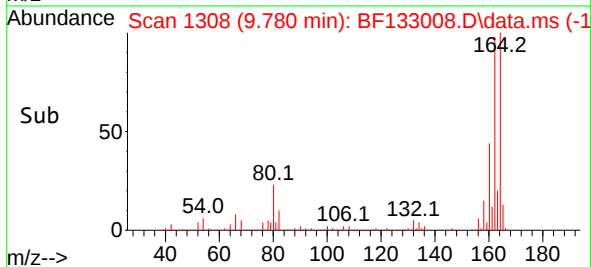
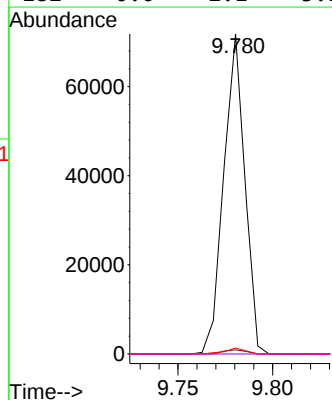
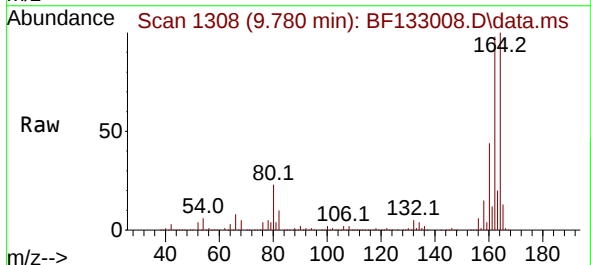
Instrument :
BNA_F
ClientSampleId :
MH-92

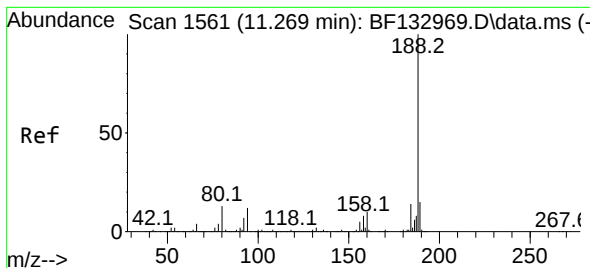
Tgt Ion:165 Resp: 55682
Ion Ratio Lower Upper
165 100
63 1.3 45.9 68.9#
89 1.9 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.380 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF133008.D
Acq: 24 Apr 2023 21:53

Tgt Ion:165 Resp: 55682
Ion Ratio Lower Upper
165 100
63 1.3 37.7 56.5#
89 1.9 57.0 85.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133008.D

Acq: 24 Apr 2023 21:53

Instrument :

BNA_F

ClientSampleId :

MH-92

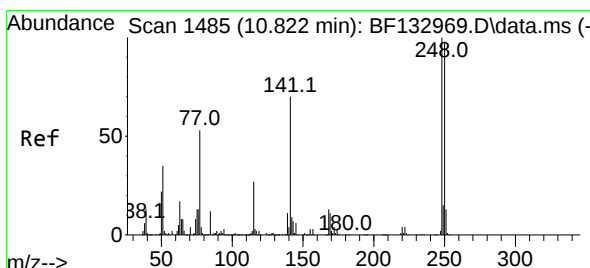
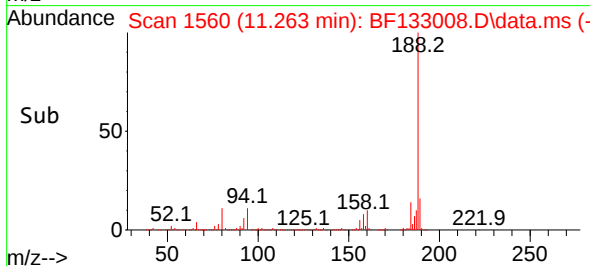
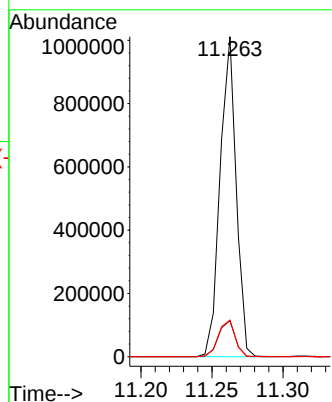
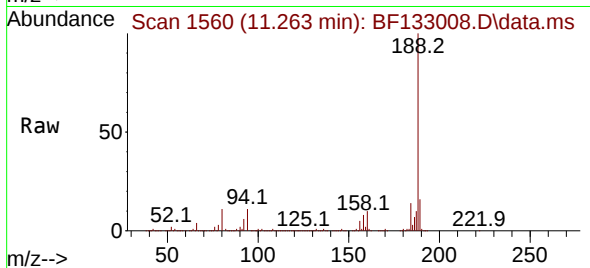
Tgt Ion:188 Resp: 795842

Ion Ratio Lower Upper

188 100

94 11.3 9.7 14.5

80 11.5 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 4.143 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.253 min

Lab File: BF133008.D

Acq: 24 Apr 2023 21:53

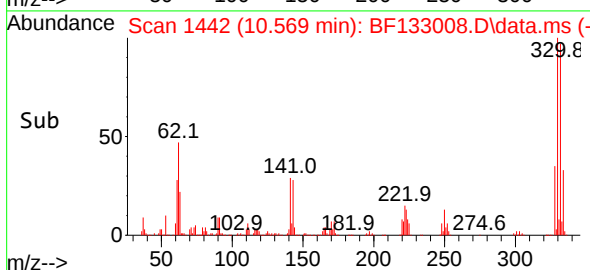
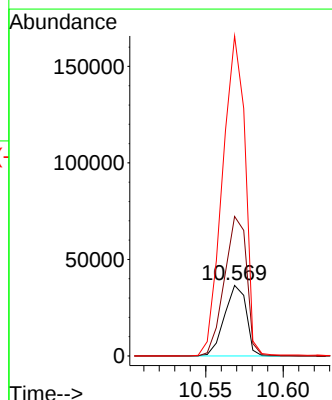
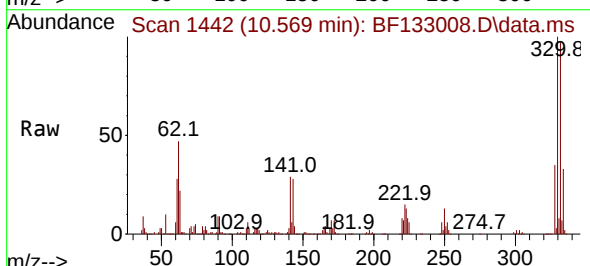
Tgt Ion:248 Resp: 35761

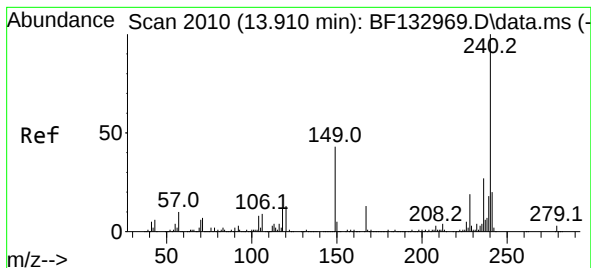
Ion Ratio Lower Upper

248 100

250 197.5 78.7 118.1#

141 453.0 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.898 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF133008.D

Acq: 24 Apr 2023 21:53

Instrument :

BNA_F

ClientSampleId :

MH-92

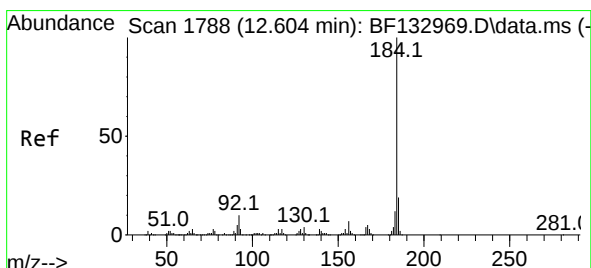
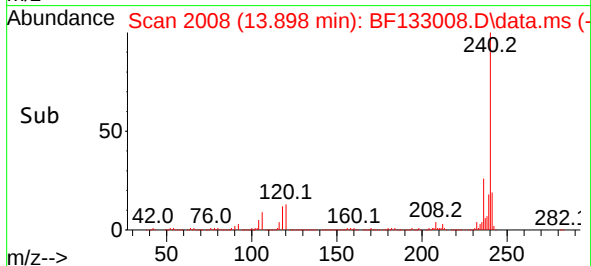
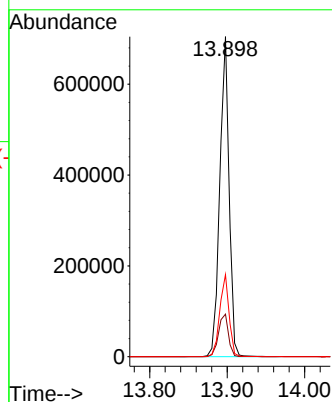
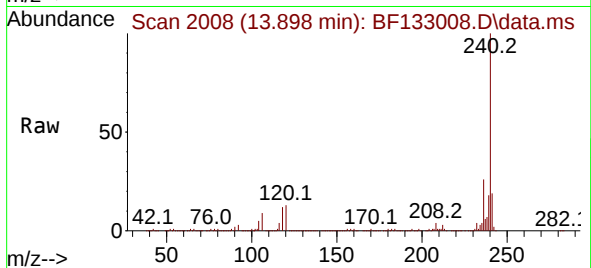
Tgt Ion:240 Resp: 586649

Ion Ratio Lower Upper

240 100

120 13.3 10.5 15.7

236 25.7 21.5 32.3



#77

Benzidine

Concen: 3.142 ng

RT: 12.857 min Scan# 1831

Delta R.T. 0.253 min

Lab File: BF133008.D

Acq: 24 Apr 2023 21:53

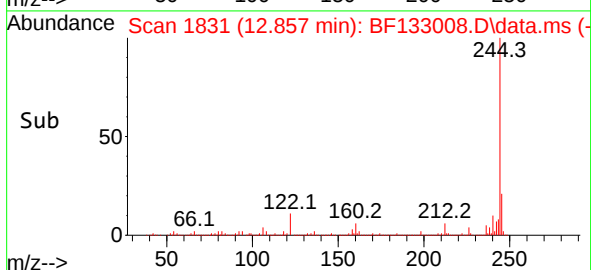
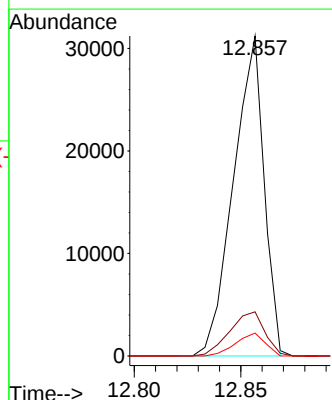
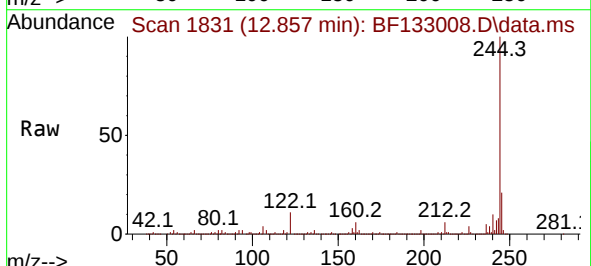
Tgt Ion:184 Resp: 31174

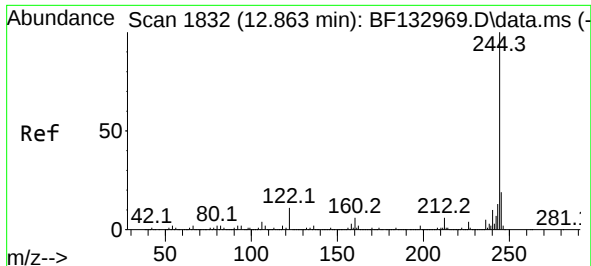
Ion Ratio Lower Upper

184 100

185 13.8 15.4 23.2#

183 7.1 9.4 14.0#

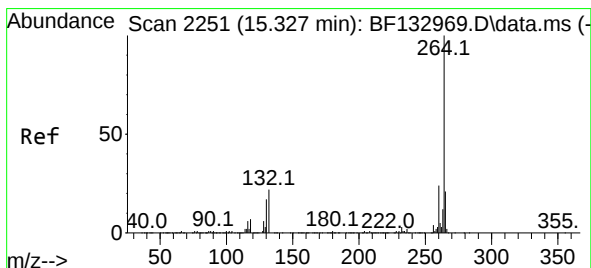
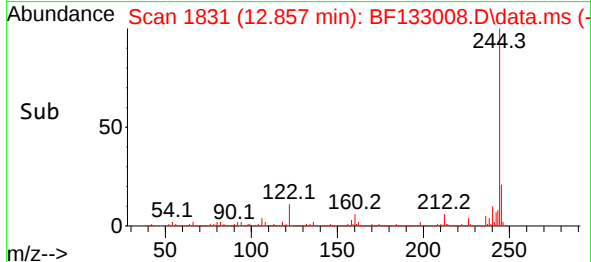
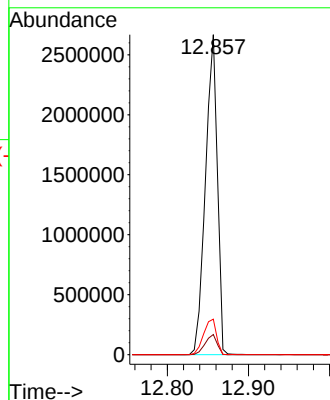
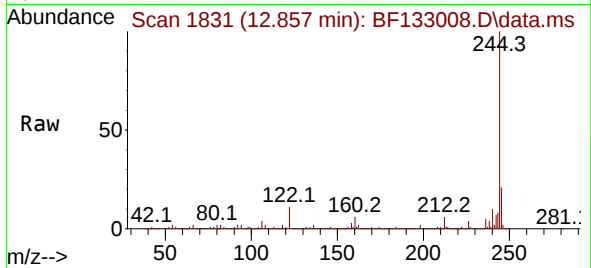




#79
 Terphenyl-d14
 Concen: 79.481 ng
 RT: 12.857 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF133008.D
 Acq: 24 Apr 2023 21:53

Instrument :
 BNA_F
 ClientSampleId :
 MH-92

Tgt Ion:244 Resp: 2703555
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 11.1 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.321 min Scan# 2250
 Delta R.T. -0.006 min
 Lab File: BF133008.D
 Acq: 24 Apr 2023 21:53

Tgt Ion:264 Resp: 478587
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.8 28.2
 265 21.9 17.0 25.4

