

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133151.D
 Acq On : 01 May 2023 12:47
 Operator : CG\JU
 Sample : 02521-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-7

Quant Time: May 02 05:17:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

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

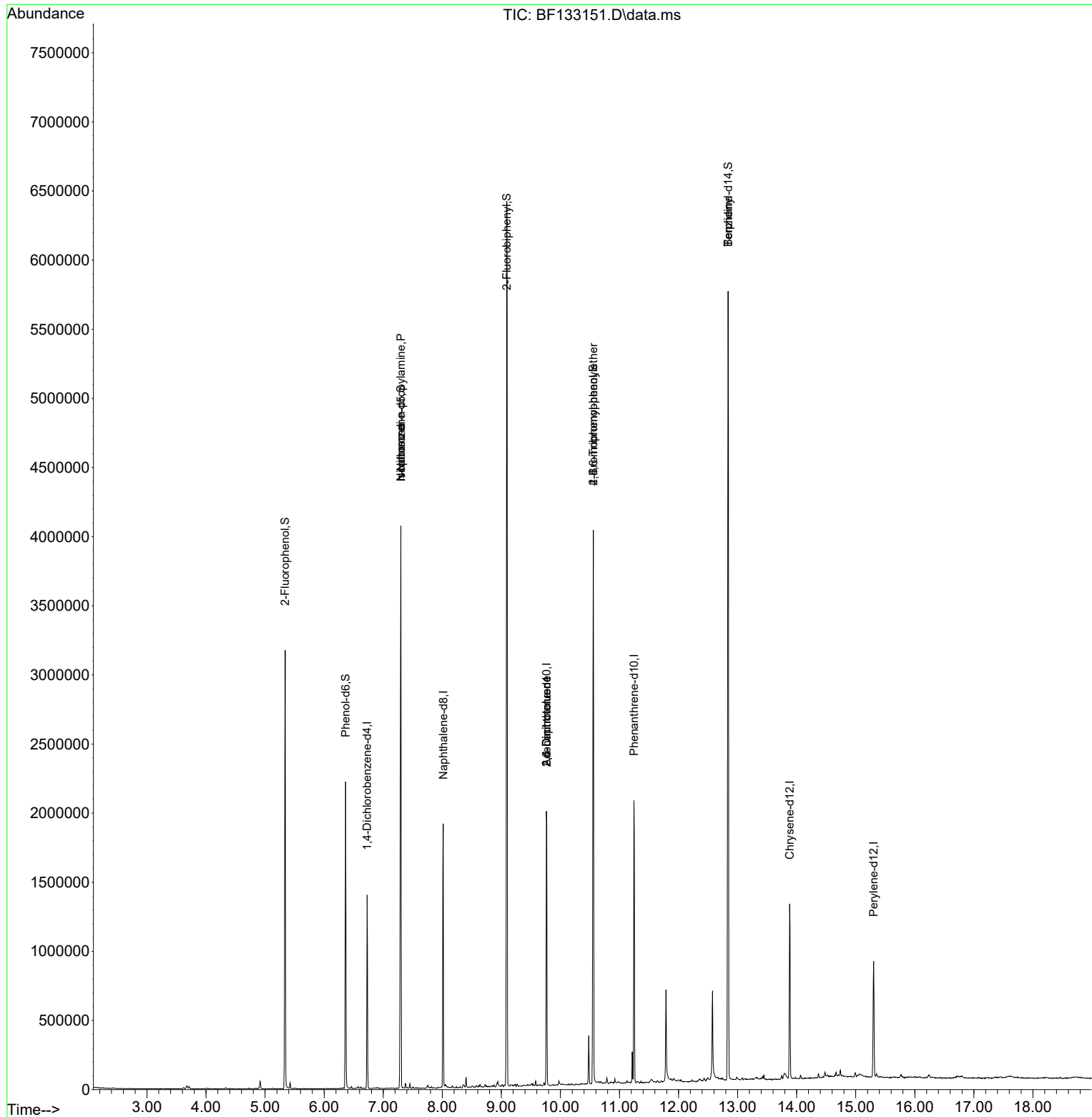
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	186758	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	760166	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	403432	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	715597	20.000	ng	0.00
76) Chrysene-d12	13.880	240	392041	20.000	ng	-0.01
86) Perylene-d12	15.304	264	351902	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	841068	68.031	ng	0.00
7) Phenol-d6	6.363	99	638262	41.594	ng	-0.01
23) Nitrobenzene-d5	7.298	82	1257102	89.263	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	524077	129.170	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2118129	87.837	ng	0.00
79) Terphenyl-d14	12.839	244	2299748	101.171	ng	0.00
Target Compounds						
9) Benzaldehyde	6.269	77	635	Below Cal		Qvalue 87
19) n-Nitroso-di-n-propyla...	7.298	70	168290	17.616	ng	# 77
25) Isophorone	7.298	82	1254585	46.919	ng	# 63
51) 2,6-Dinitrotoluene	9.763	165	53068	8.382	ng	# 25
57) 2,4-Dinitrotoluene	9.763	165	53068	6.572	ng	# 24
67) 4-Bromophenyl-phenylether	10.557	248	33117	4.267	ng	# 1
77) Benzidine	12.839	184	28874	4.355	ng	# 94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133151.D
Acq On : 01 May 2023 12:47
Operator : CG\JU
Sample : 02521-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GMW-7

Quant Time: May 02 05:17:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 01 15:02:31 2023
Response via : Initial Calibration

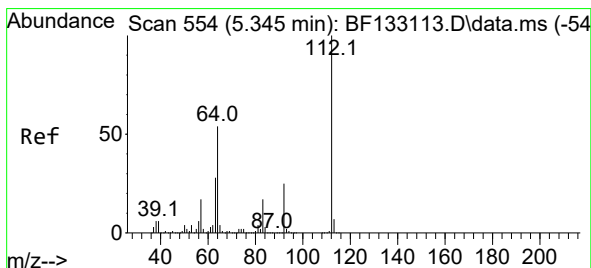
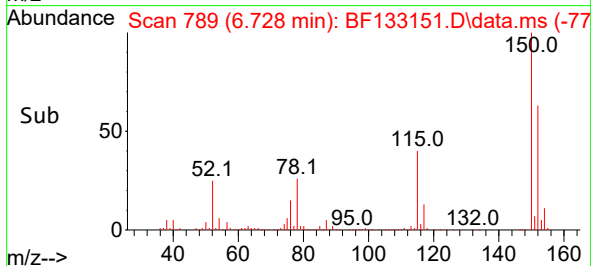
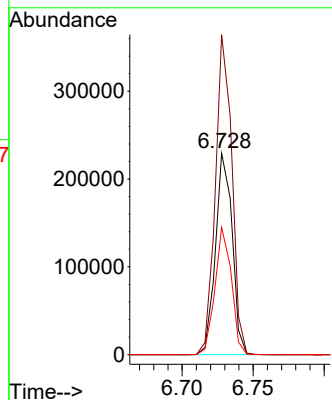
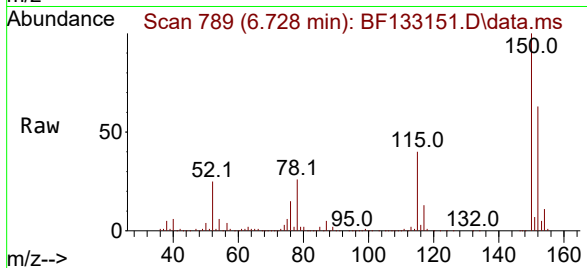




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF133151.D
Acq: 01 May 2023 12:47

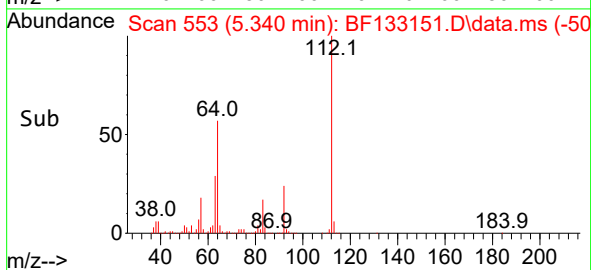
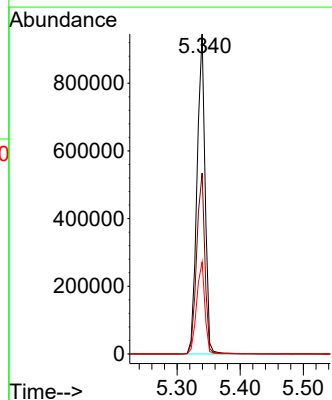
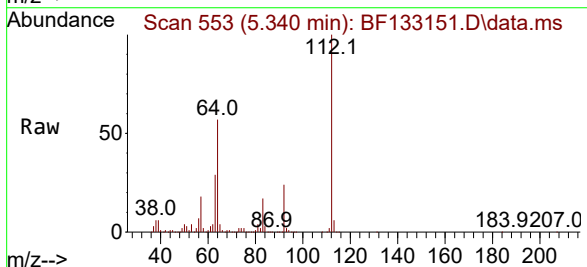
Instrument :
BNA_F
ClientSampleId :
GMW-7

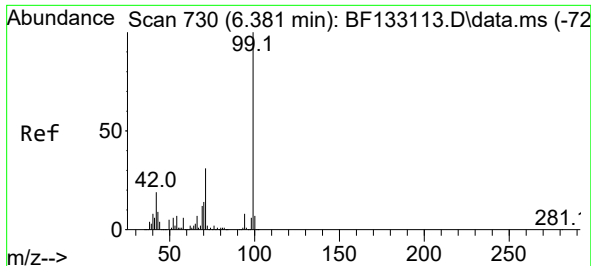
Tgt Ion:152 Resp: 186758
Ion Ratio Lower Upper
152 100
150 158.9 124.8 187.2
115 63.2 49.9 74.9



#5
2-Fluorophenol
Concen: 68.031 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF133151.D
Acq: 01 May 2023 12:47

Tgt Ion:112 Resp: 841068
Ion Ratio Lower Upper
112 100
64 56.6 46.8 70.2
63 28.7 23.8 35.8

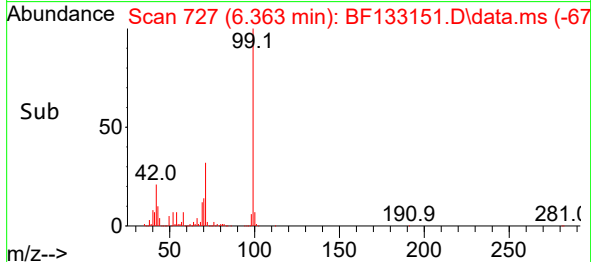
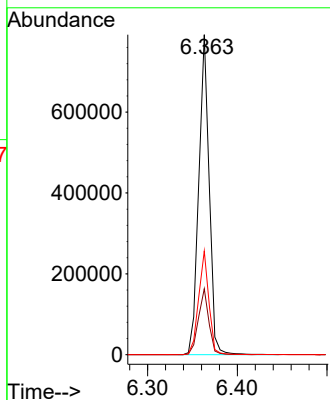
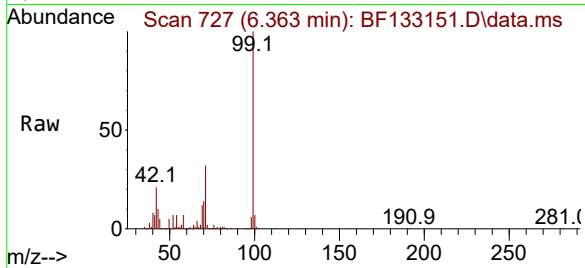




#7
Phenol-d6
Concen: 41.594 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133151.D
Acq: 01 May 2023 12:47

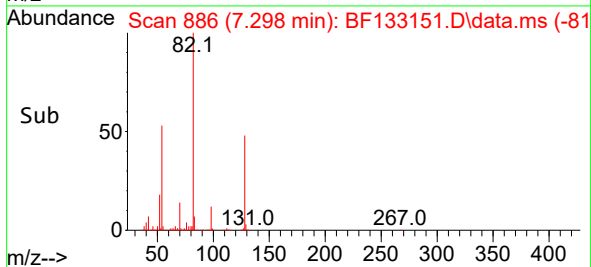
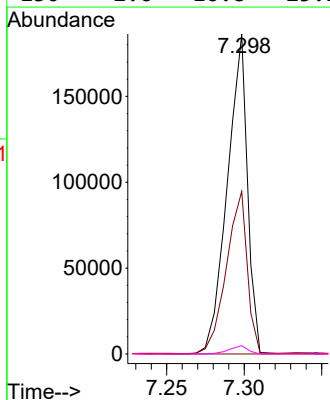
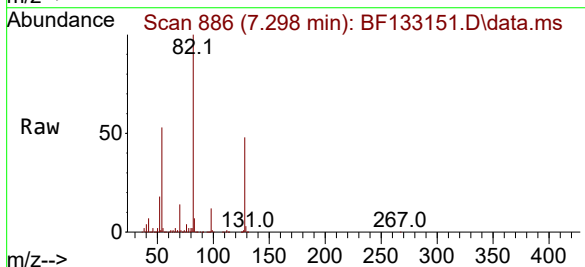
Instrument :
BNA_F
ClientSampleId :
GMW-7

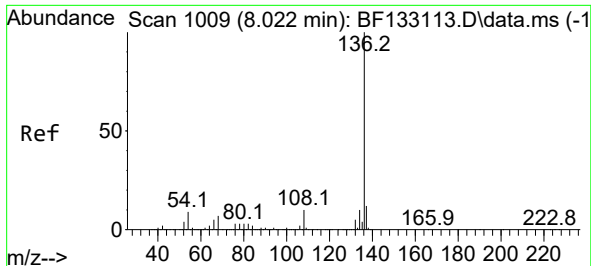
Tgt Ion: 99 Resp: 638262
Ion Ratio Lower Upper
99 100
42 20.6 16.3 24.5
71 32.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.616 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF133151.D
Acq: 01 May 2023 12:47

Tgt Ion: 70 Resp: 168290
Ion Ratio Lower Upper
70 100
42 50.8 51.8 77.6#
101 0.0 8.0 12.0#
130 2.6 16.8 25.2#



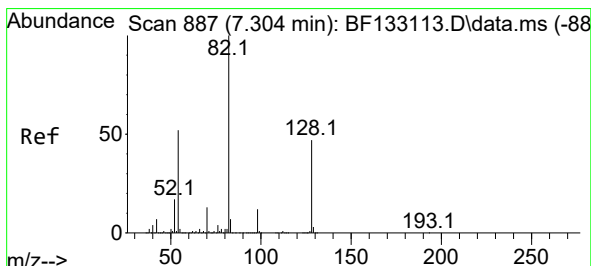
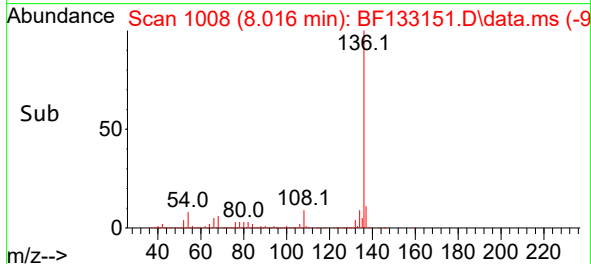
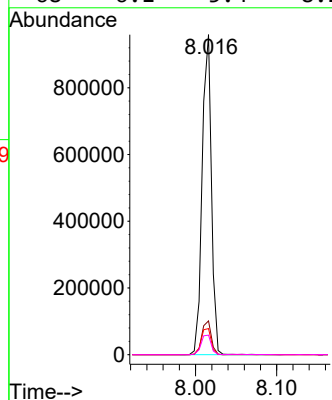
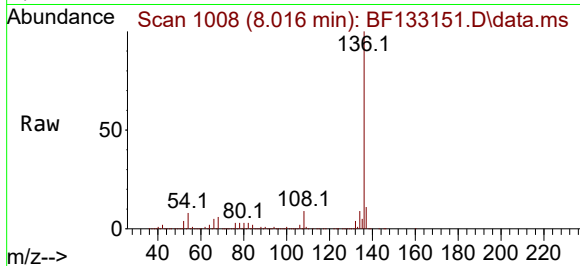


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF133151.D
Acq: 01 May 2023 12:47

Instrument :
BNA_F
ClientSampleId :
GMW-7

Tgt Ion:136 Resp: 760166

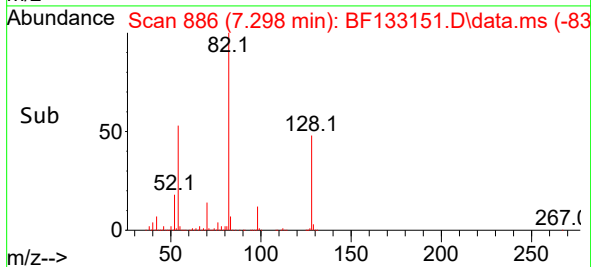
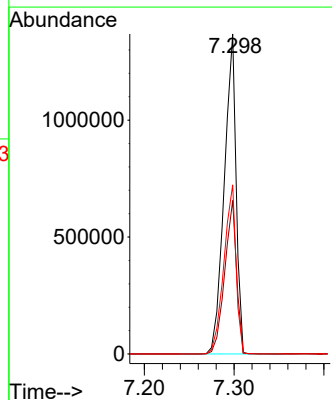
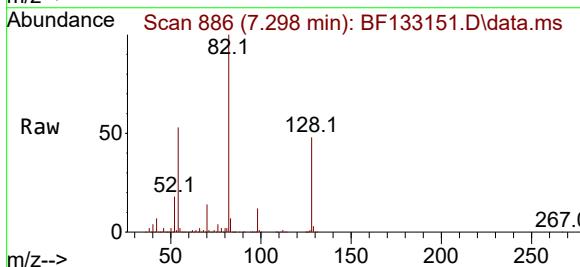
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.1	7.0	10.4
68	6.1	5.4	8.2

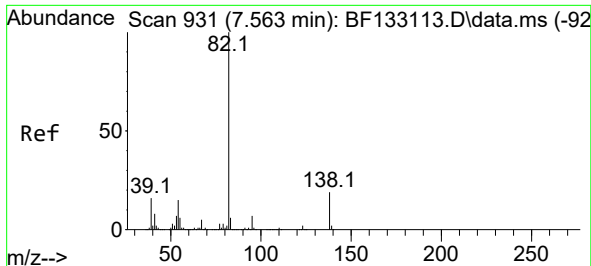


#23
Nitrobenzene-d5
Concen: 89.263 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133151.D
Acq: 01 May 2023 12:47

Tgt Ion: 82 Resp: 1257102

Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.7	56.5
54	52.8	43.0	64.4

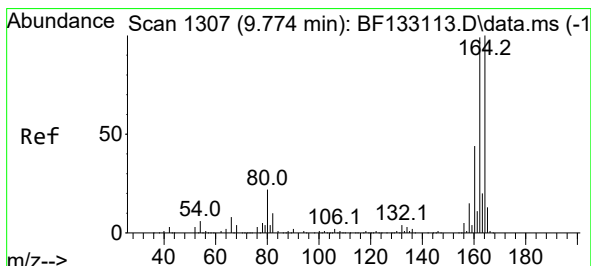
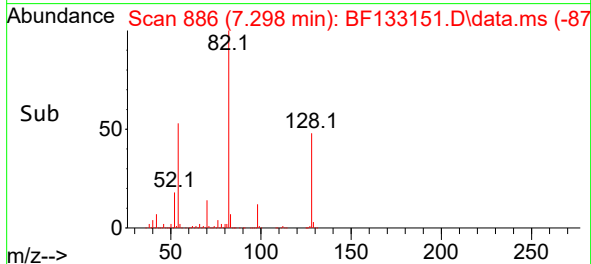
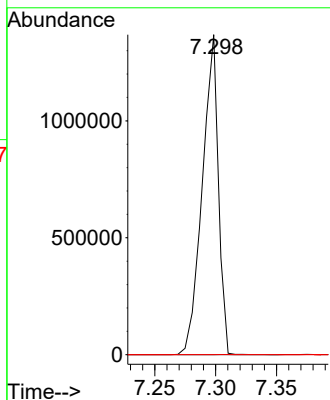
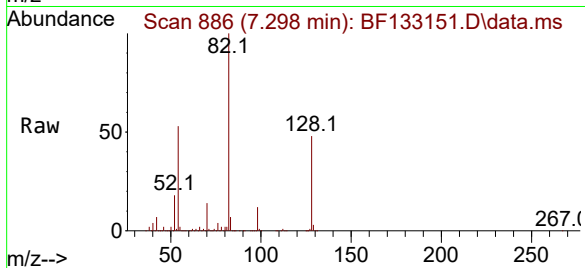




#25
Isophorone
Concen: 46.919 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133151.D
Acq: 01 May 2023 12:47

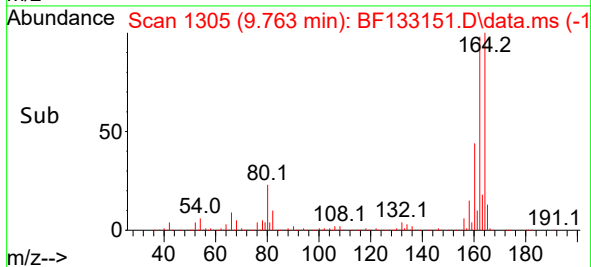
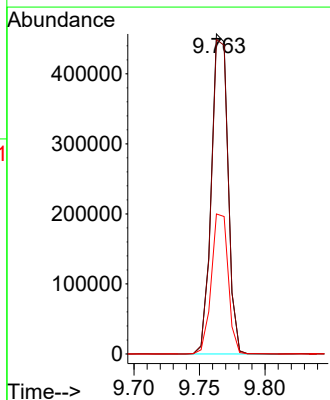
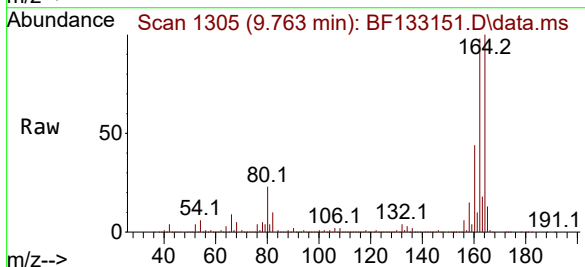
Instrument :
BNA_F
ClientSampleId :
GMW-7

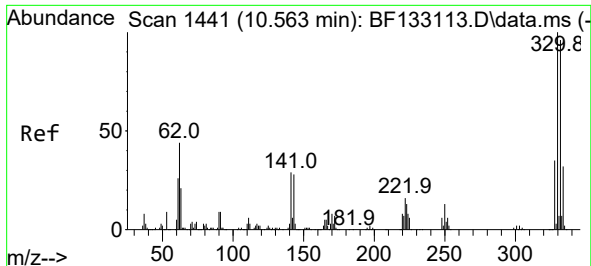
Tgt Ion: 82 Resp: 1254585
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF133151.D
Acq: 01 May 2023 12:47

Tgt Ion: 164 Resp: 403432
Ion Ratio Lower Upper
164 100
162 98.3 78.7 118.1
160 43.8 35.8 53.6

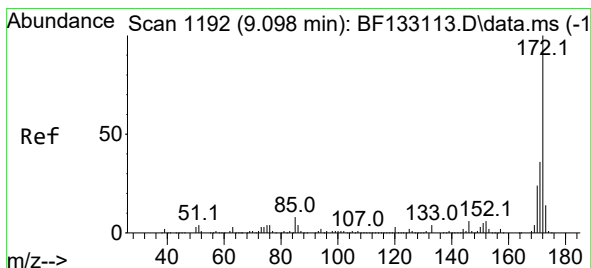
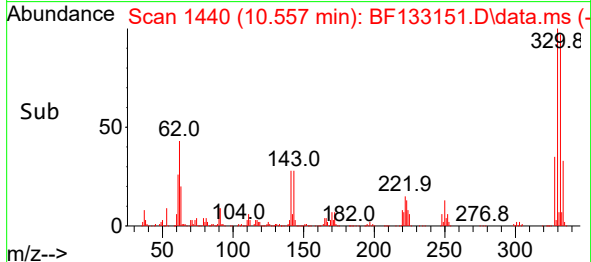
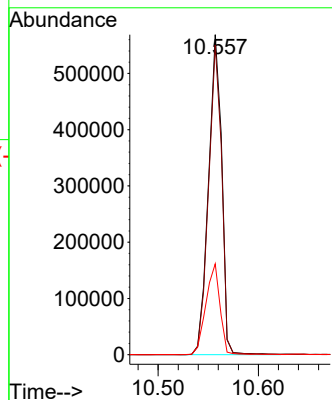
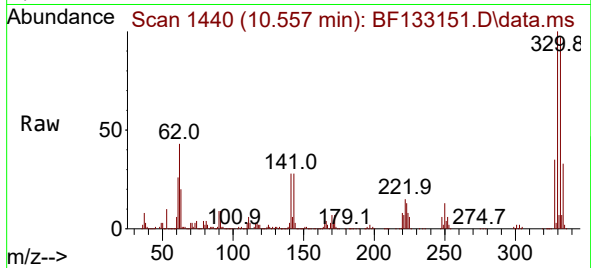




#42
2,4,6-Tribromophenol
Concen: 129.170 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF133151.D
Acq: 01 May 2023 12:47

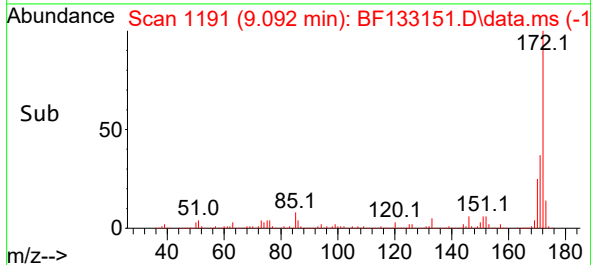
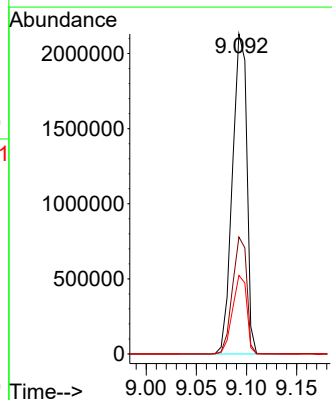
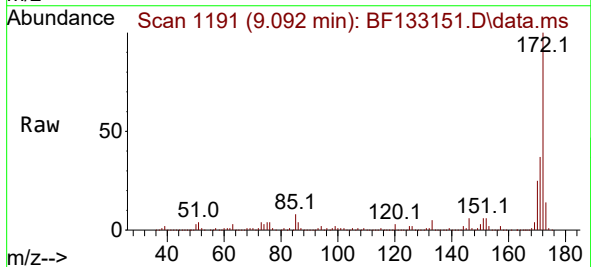
Instrument :
BNA_F
ClientSampleId :
GMW-7

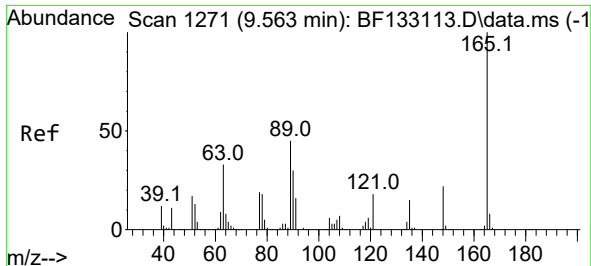
Tgt Ion:330 Resp: 524077
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 30.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 87.837 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF133151.D
Acq: 01 May 2023 12:47

Tgt Ion:172 Resp: 2118129
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 24.5 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 8.382 ng

RT: 9.763 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF133151.D

Acq: 01 May 2023 12:47

Instrument :

BNA_F

ClientSampleId :

GMW-7

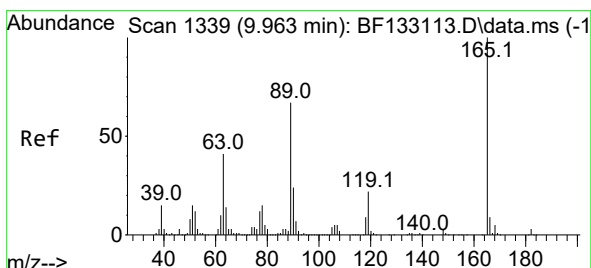
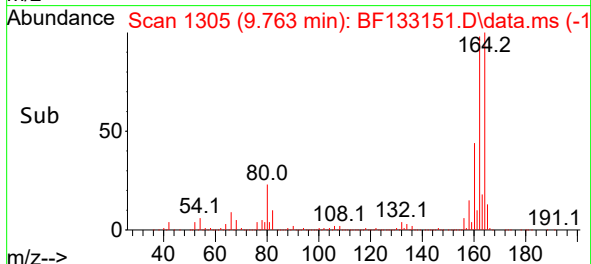
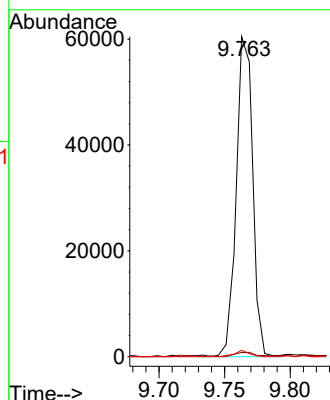
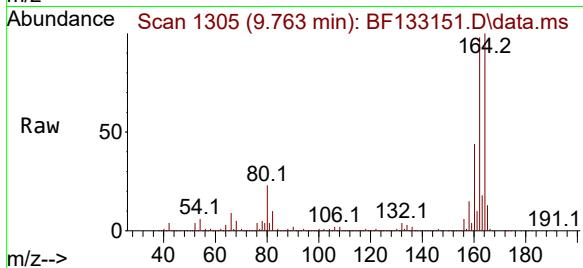
Tgt Ion:165 Resp: 53068

Ion Ratio Lower Upper

165 100

63 1.3 45.9 68.9#

89 2.0 44.0 66.0#



#57

2,4-Dinitrotoluene

Concen: 6.572 ng

RT: 9.763 min Scan# 1305

Delta R.T. -0.200 min

Lab File: BF133151.D

Acq: 01 May 2023 12:47

Tgt Ion:165 Resp: 53068

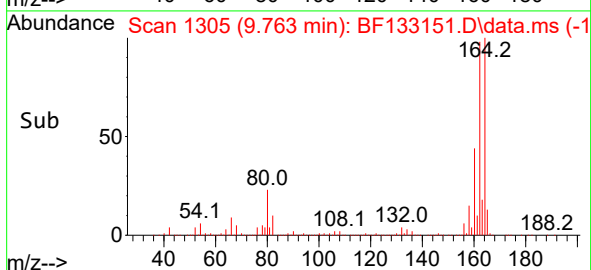
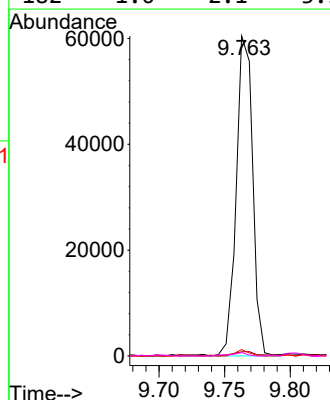
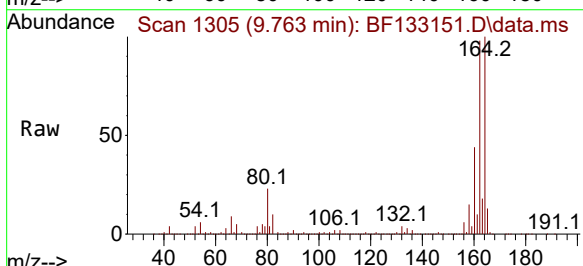
Ion Ratio Lower Upper

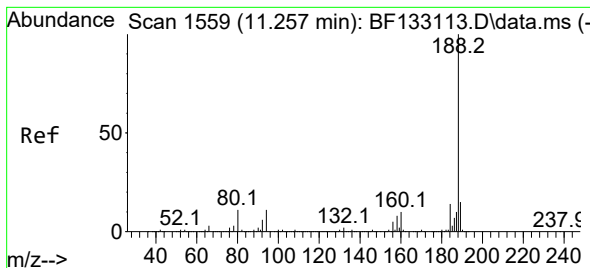
165 100

63 1.3 37.7 56.5#

89 2.0 57.0 85.4#

182 1.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133151.D

Acq: 01 May 2023 12:47

Instrument :

BNA_F

ClientSampleId :

GMW-7

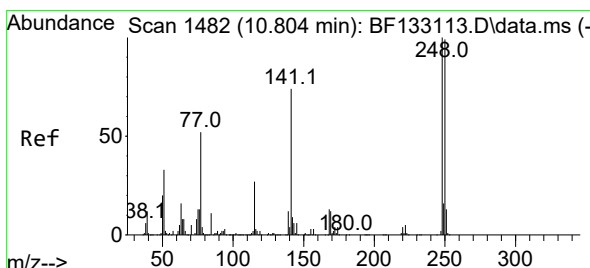
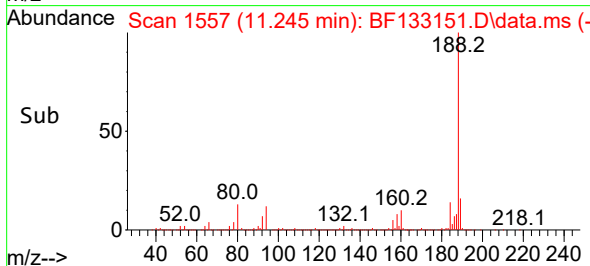
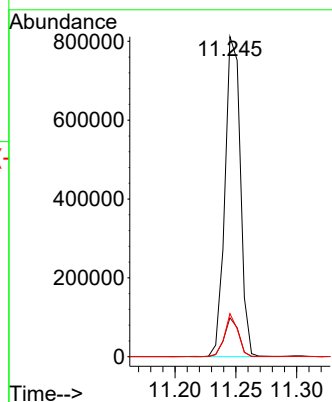
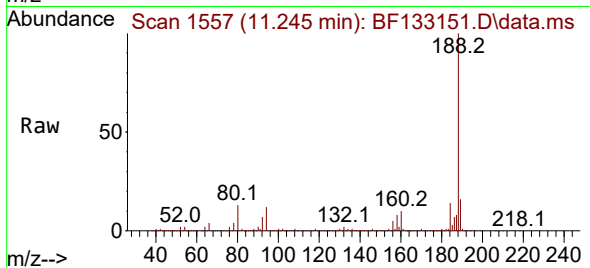
Tgt Ion:188 Resp: 715597

Ion Ratio Lower Upper

188 100

94 12.2 9.7 14.5

80 13.5 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 4.267 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.247 min

Lab File: BF133151.D

Acq: 01 May 2023 12:47

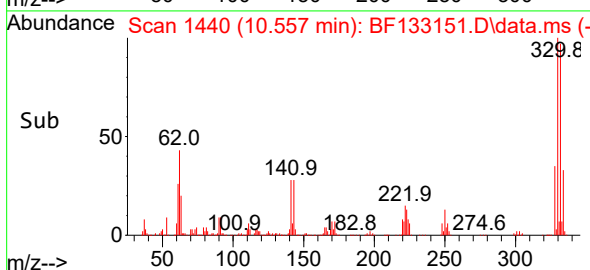
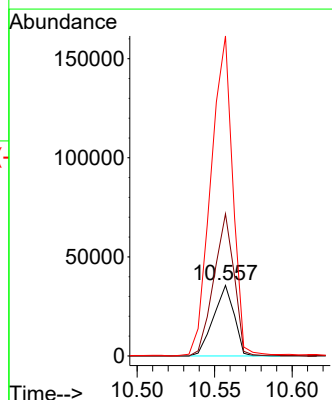
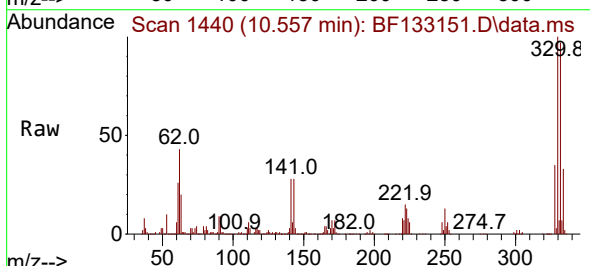
Tgt Ion:248 Resp: 33117

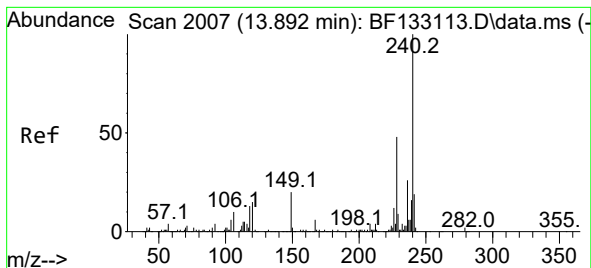
Ion Ratio Lower Upper

248 100

250 201.2 78.7 118.1#

141 453.1 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF133151.D

Acq: 01 May 2023 12:47

Instrument :

BNA_F

ClientSampleId :

GMW-7

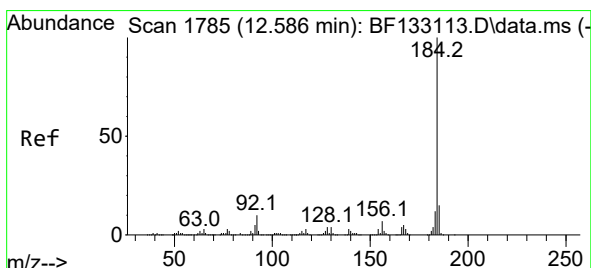
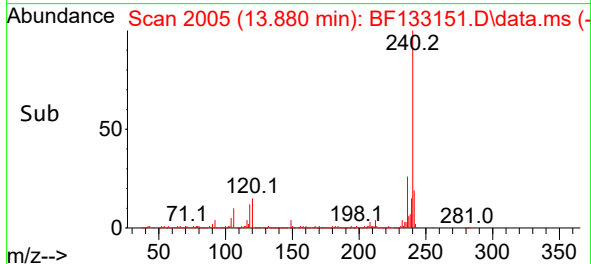
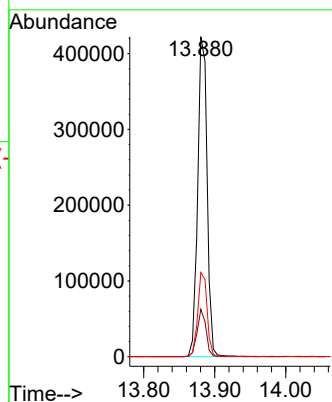
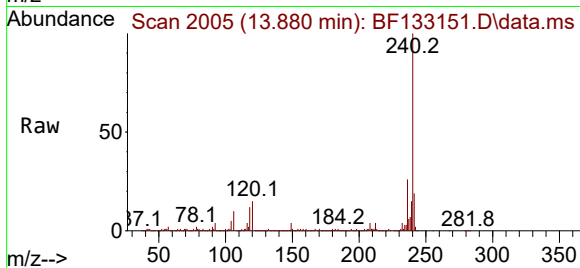
Tgt Ion:240 Resp: 392041

Ion Ratio Lower Upper

240 100

120 14.8 10.5 15.7

236 26.3 21.5 32.3



#77

Benzidine

Concen: 4.355 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.253 min

Lab File: BF133151.D

Acq: 01 May 2023 12:47

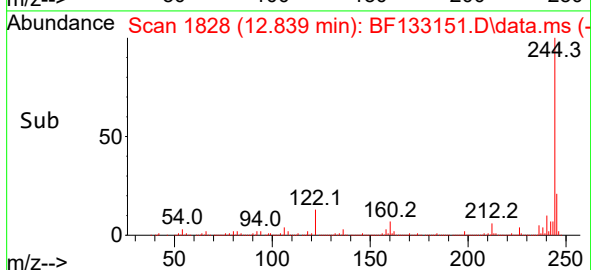
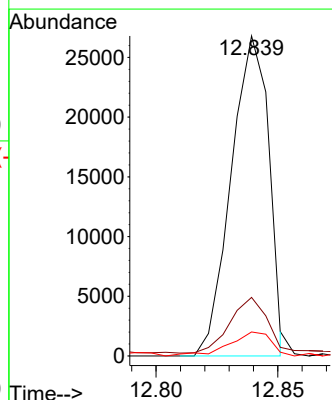
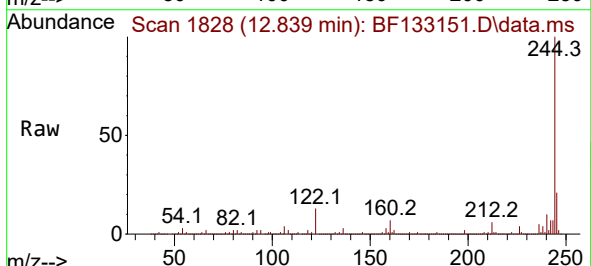
Tgt Ion:184 Resp: 28874

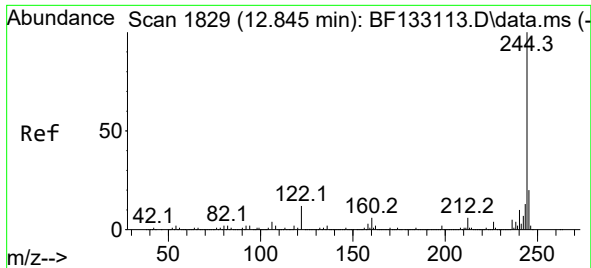
Ion Ratio Lower Upper

184 100

185 18.3 15.4 23.2

183 7.5 9.4 14.0#

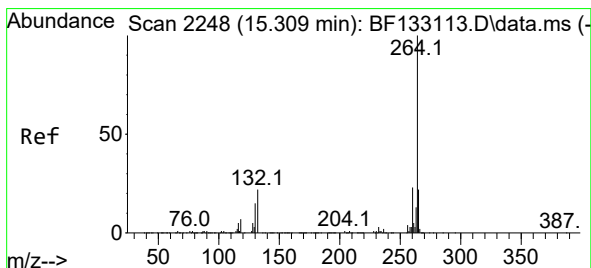
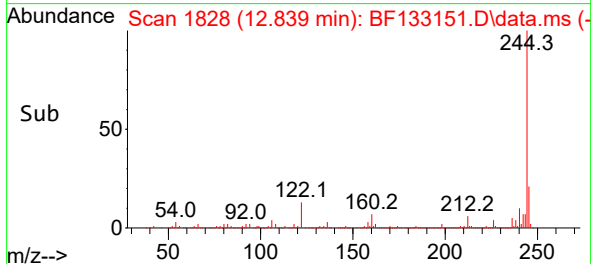
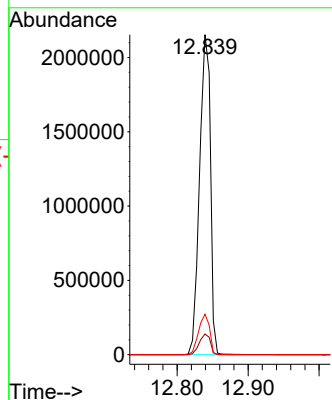
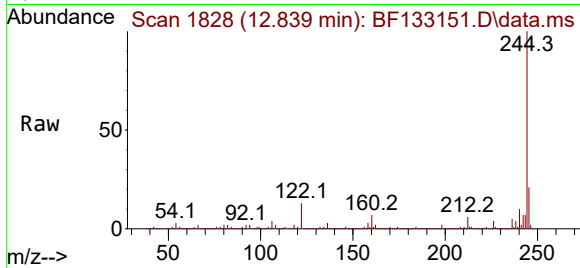




#79
 Terphenyl-d14
 Concen: 101.171 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. 0.000 min
 Lab File: BF133151.D
 Acq: 01 May 2023 12:47

Instrument :
 BNA_F
 ClientSampleId :
 GMW-7

Tgt Ion:244 Resp: 2299748
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 12.6 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF133151.D
 Acq: 01 May 2023 12:47

Tgt Ion:264 Resp: 351902
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 21.4 17.0 25.4

