

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133268.D
 Acq On : 05 May 2023 17:43
 Operator : CG\JU
 Sample : 02597-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-20230503

Quant Time: May 06 05:50:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

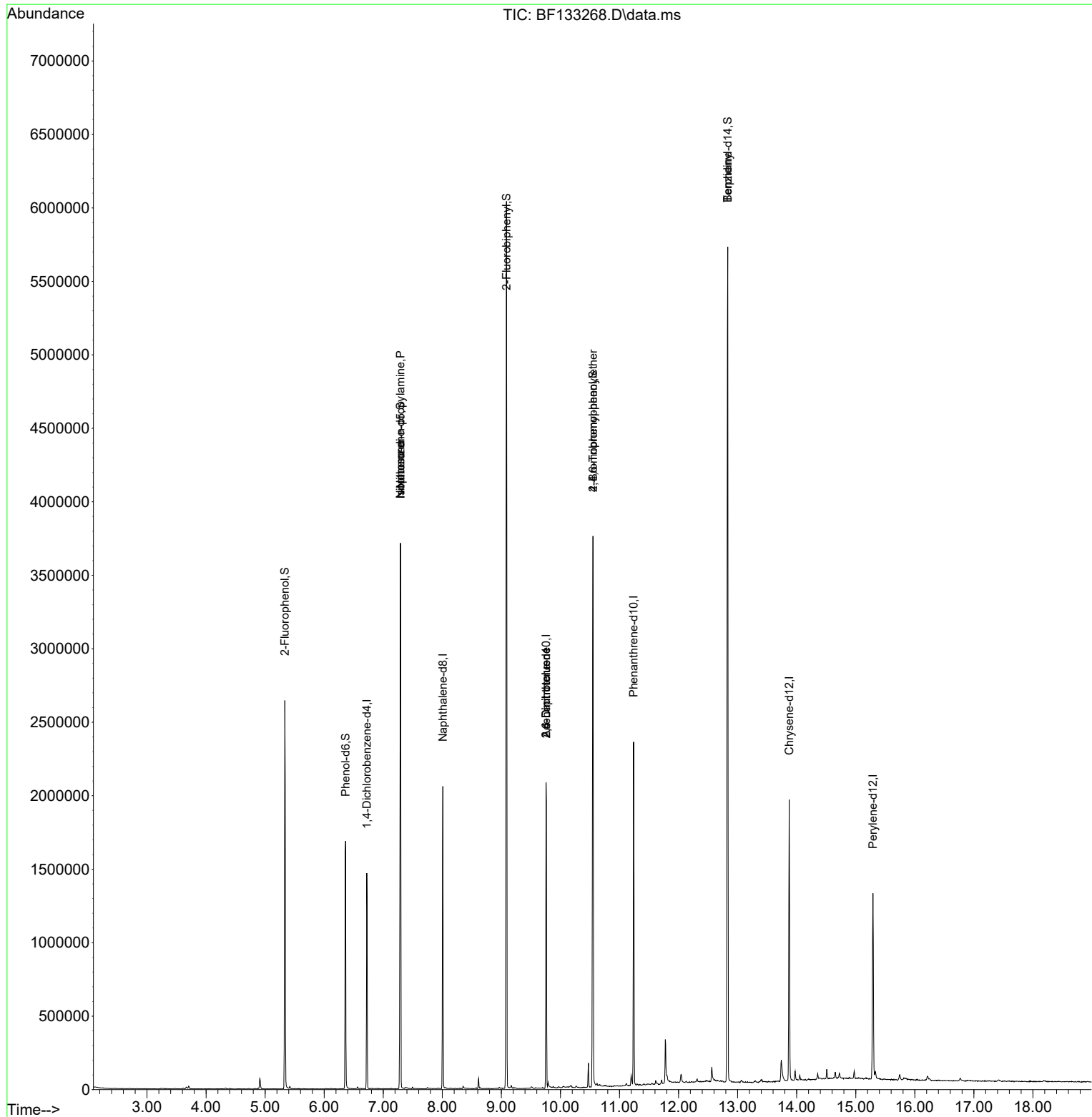
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	200709	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	818537	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	424385	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	775037	20.000	ng	0.00
76) Chrysene-d12	13.874	240	583863	20.000	ng	0.00
86) Perylene-d12	15.292	264	545907	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.333	112	722716	54.394	ng	0.00
7) Phenol-d6	6.363	99	537349	32.583	ng	0.00
23) Nitrobenzene-d5	7.292	82	1171602	77.259	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	493605	115.652	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1922631	75.793	ng	0.00
79) Terphenyl-d14	12.833	244	2276076	67.233	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.275	77	475	Below Cal	#	64
19) n-Nitroso-di-n-propyla...	7.292	70	156399	15.233	ng	# 78
25) Isophorone	7.292	82	1170499	40.653	ng	# 63
51) 2,6-Dinitrotoluene	9.757	165	56257	8.447	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	56257	6.623	ng	# 23
67) 4-Bromophenyl-phenylether	10.551	248	31375	3.733	ng	# 1
77) Benzidine	12.833	184	28837	2.921	ng	# 90

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

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Quant Time: May 06 05:50:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 10:49:34 2023
Response via : Initial Calibration

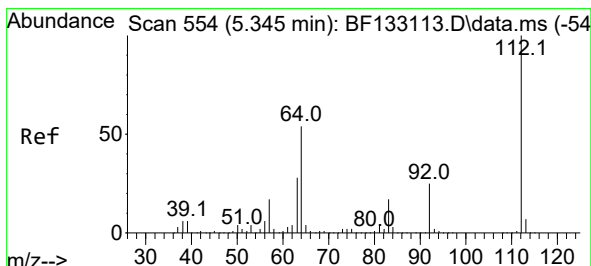
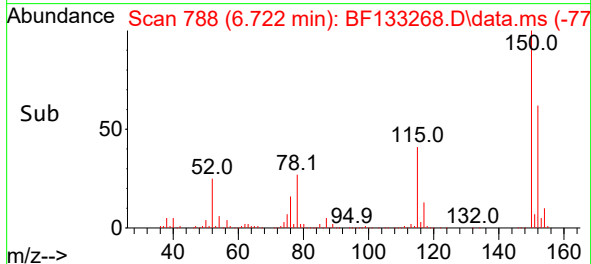
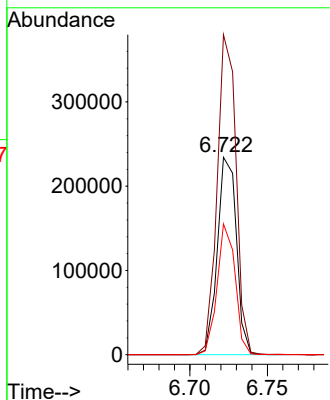
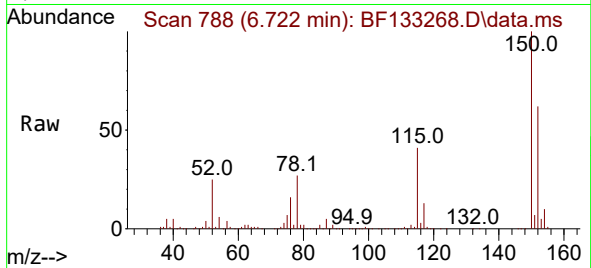




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF133268.D
Acq: 05 May 2023 17:43

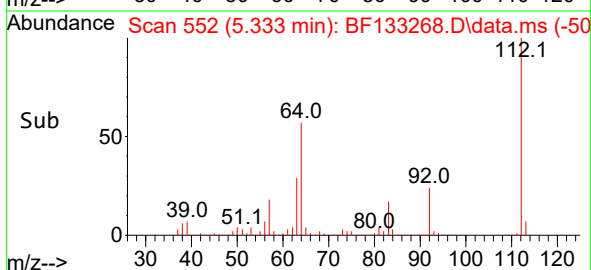
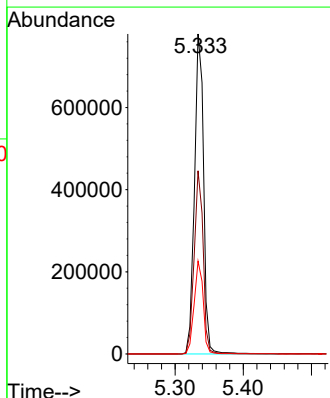
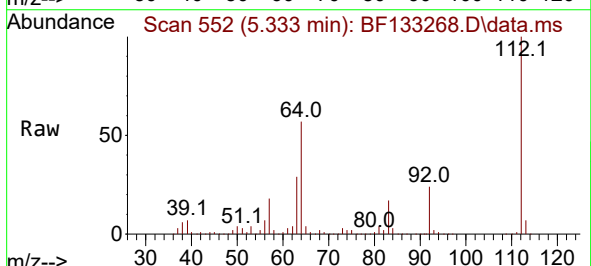
Instrument :
BNA_F
ClientSampleId :
MW-2-20230503

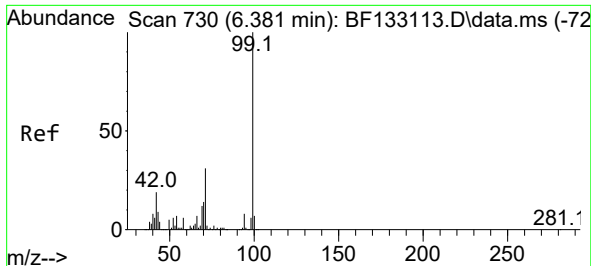
Tgt Ion:152 Resp: 200709
Ion Ratio Lower Upper
152 100
150 162.1 124.8 187.2
115 66.2 49.9 74.9



#5
2-Fluorophenol
Concen: 54.394 ng
RT: 5.333 min Scan# 552
Delta R.T. -0.000 min
Lab File: BF133268.D
Acq: 05 May 2023 17:43

Tgt Ion:112 Resp: 722716
Ion Ratio Lower Upper
112 100
64 57.3 46.8 70.2
63 29.0 23.8 35.8

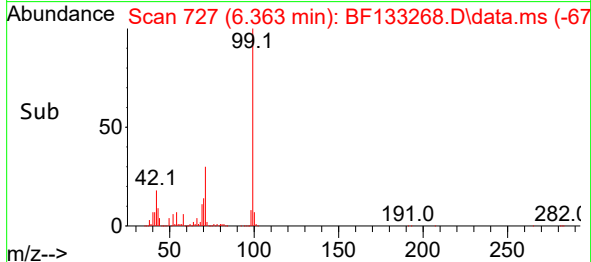
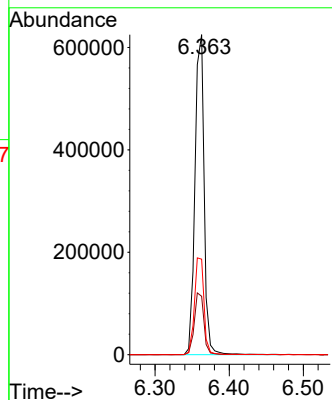
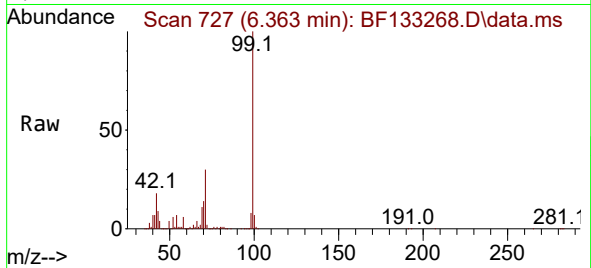




#7
Phenol-d6
Concen: 32.583 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133268.D
Acq: 05 May 2023 17:43

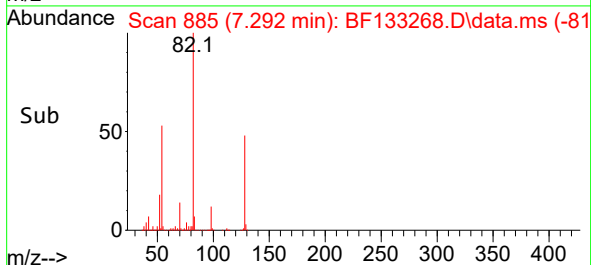
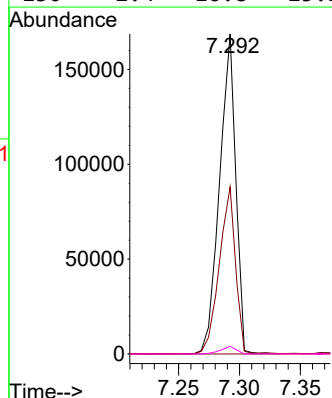
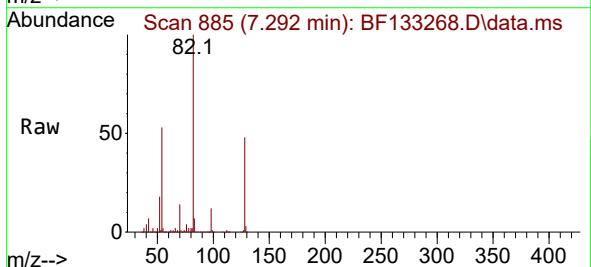
Instrument :
BNA_F
ClientSampleId :
MW-2-20230503

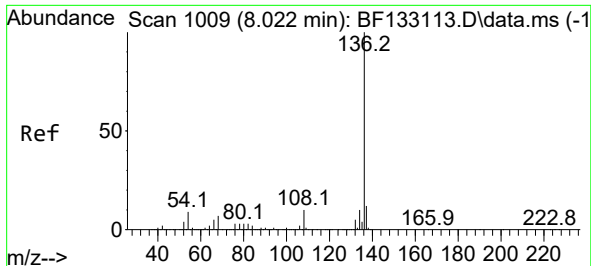
Tgt Ion: 99 Resp: 537349
Ion Ratio Lower Upper
99 100
42 18.2 16.3 24.5
71 29.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.233 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133268.D
Acq: 05 May 2023 17:43

Tgt Ion: 70 Resp: 156399
Ion Ratio Lower Upper
70 100
42 52.2 51.8 77.6
101 0.0 8.0 12.0#
130 2.4 16.8 25.2#

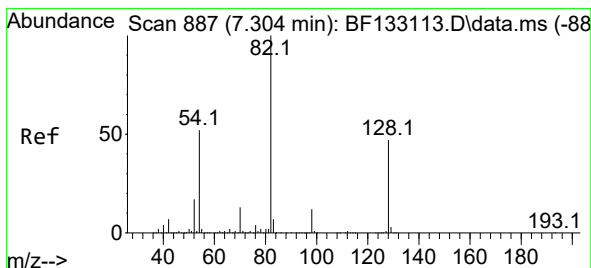
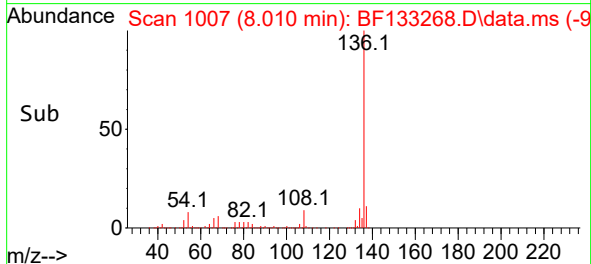
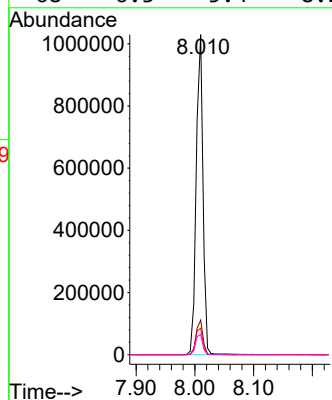
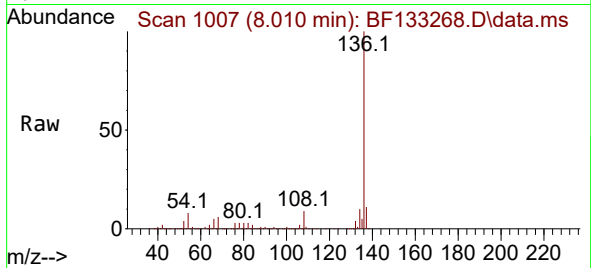




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133268.D
Acq: 05 May 2023 17:43

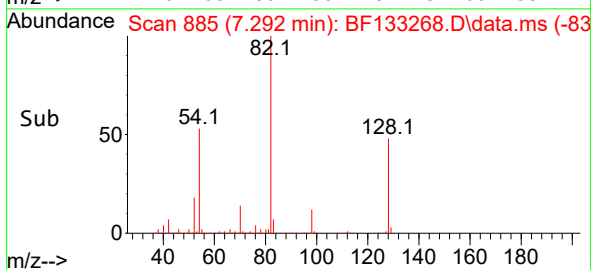
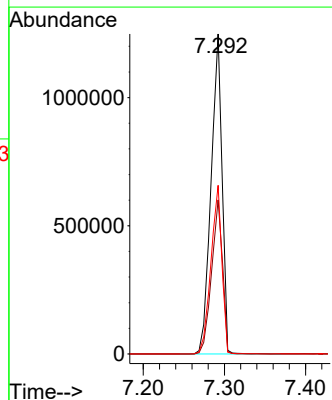
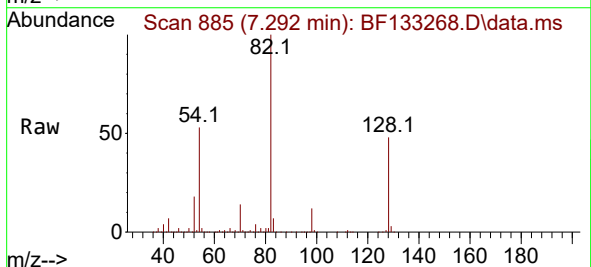
Instrument :
BNA_F
ClientSampleId :
MW-2-20230503

Tgt Ion:136 Resp: 818537
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.2 7.0 10.4
68 6.3 5.4 8.2



#23
Nitrobenzene-d5
Concen: 77.259 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF133268.D
Acq: 05 May 2023 17:43

Tgt Ion: 82 Resp: 1171602
Ion Ratio Lower Upper
82 100
128 48.2 37.7 56.5
54 52.7 43.0 64.4

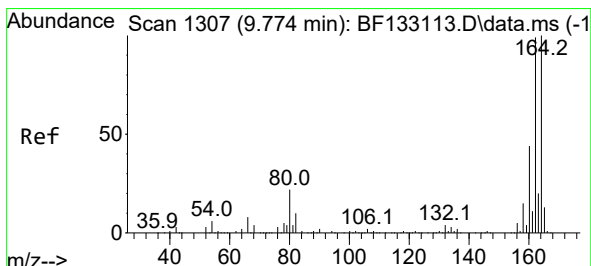
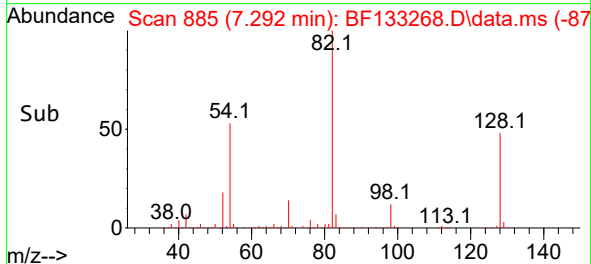
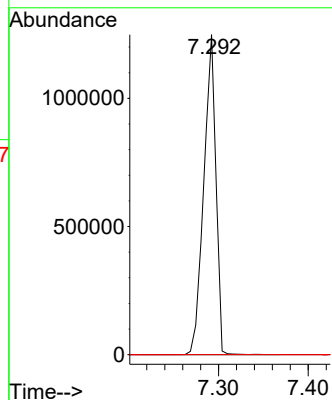
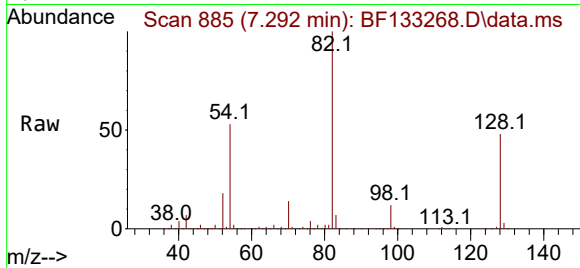




#25
Isophorone
Concen: 40.653 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133268.D
Acq: 05 May 2023 17:43

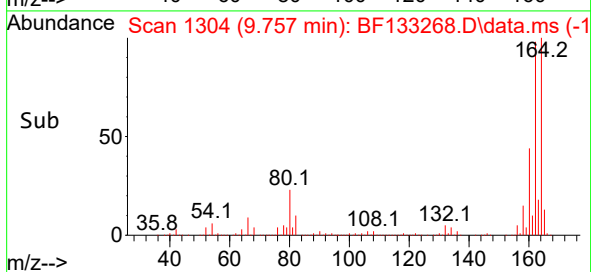
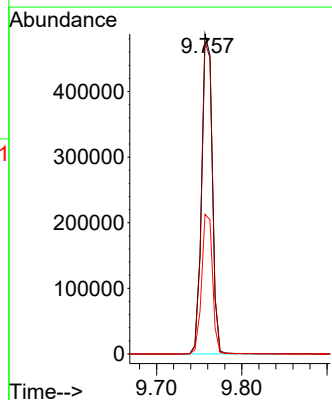
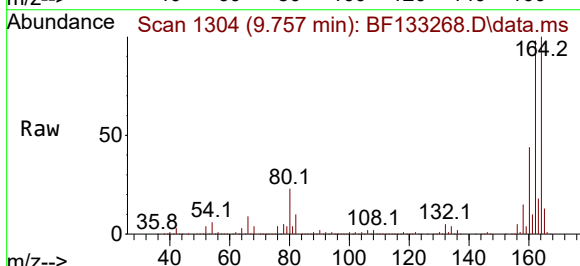
Instrument :
BNA_F
ClientSampleId :
MW-2-20230503

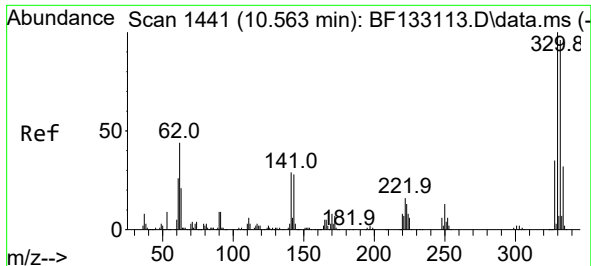
Tgt Ion: 82 Resp: 1170499
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133268.D
Acq: 05 May 2023 17:43

Tgt Ion:164 Resp: 424385
Ion Ratio Lower Upper
164 100
162 97.5 78.7 118.1
160 43.7 35.8 53.6

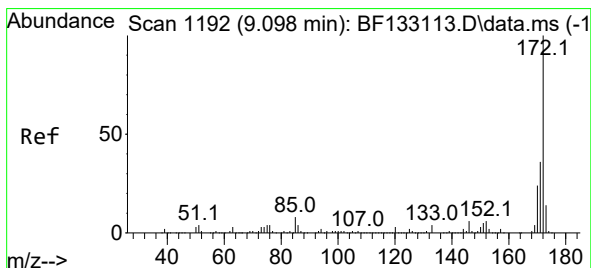
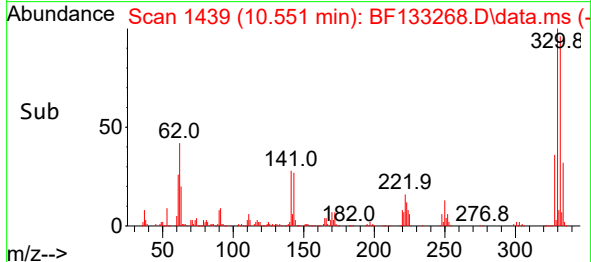
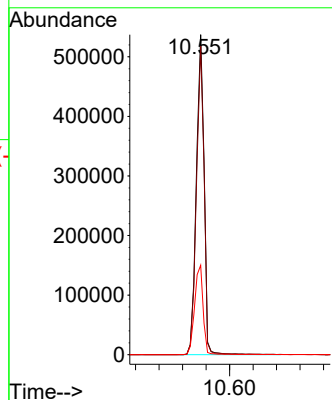
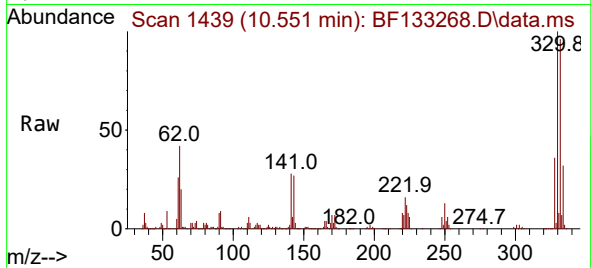




#42
2,4,6-Tribromophenol
Concen: 115.652 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133268.D
Acq: 05 May 2023 17:43

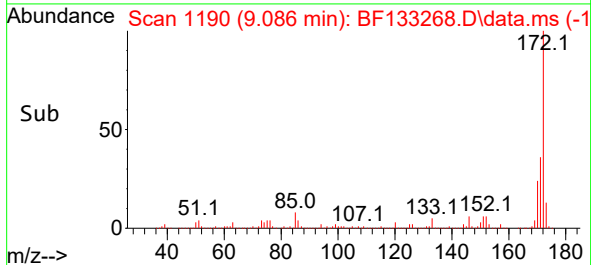
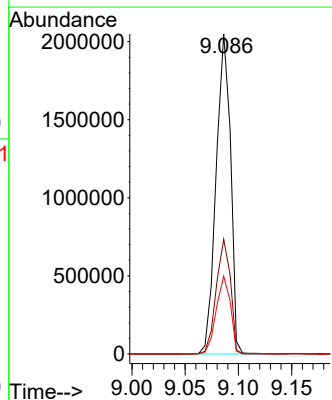
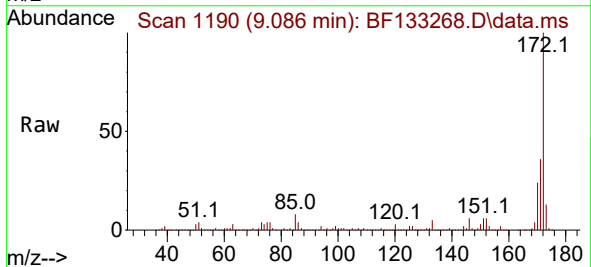
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ClientSampleId :
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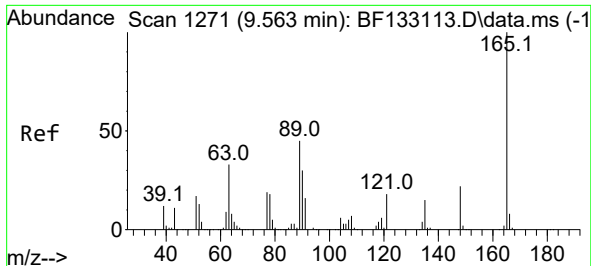
Tgt Ion:330 Resp: 493605
Ion Ratio Lower Upper
330 100
332 95.3 77.1 115.7
141 30.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 75.793 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF133268.D
Acq: 05 May 2023 17:43

Tgt Ion:172 Resp: 1922631
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.3 19.4 29.2

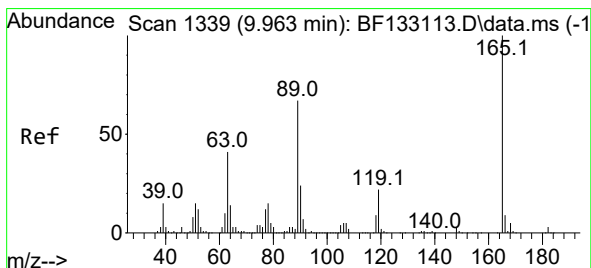
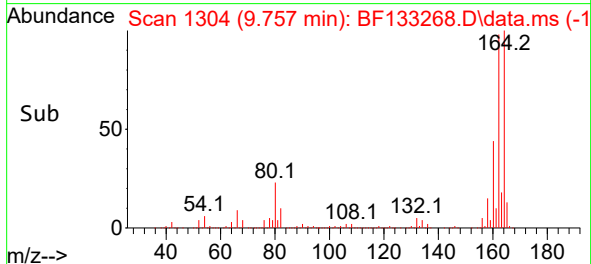
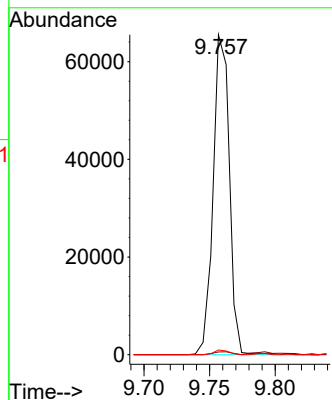
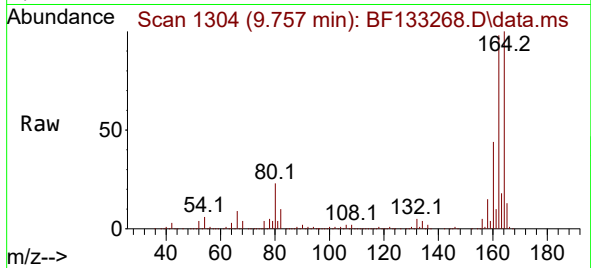




#51
2,6-Dinitrotoluene
Concen: 8.447 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133268.D
Acq: 05 May 2023 17:43

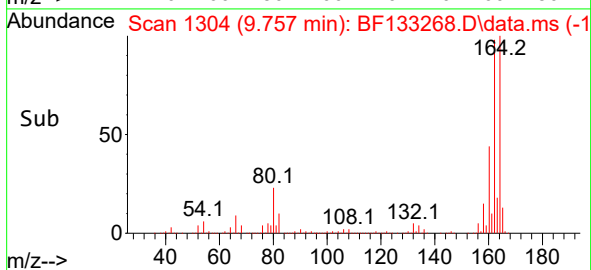
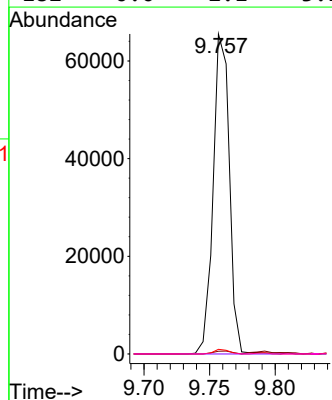
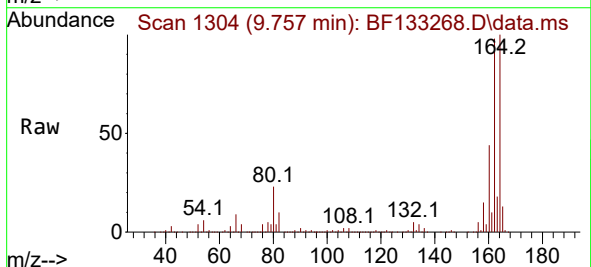
Instrument :
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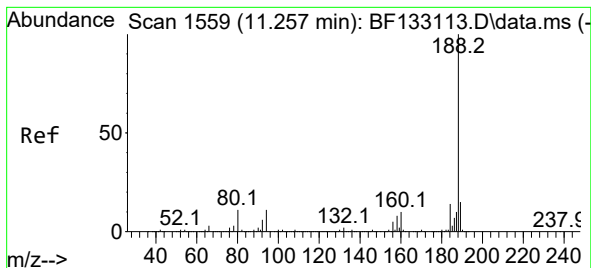
Tgt Ion:165 Resp: 56257
Ion Ratio Lower Upper
165 100
63 0.9 45.9 68.9#
89 1.5 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.623 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF133268.D
Acq: 05 May 2023 17:43

Tgt Ion:165 Resp: 56257
Ion Ratio Lower Upper
165 100
63 0.9 37.7 56.5#
89 1.5 57.0 85.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133268.D

Acq: 05 May 2023 17:43

Instrument :

BNA_F

ClientSampleId :

MW-2-20230503

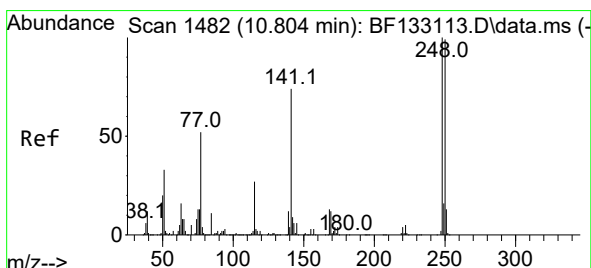
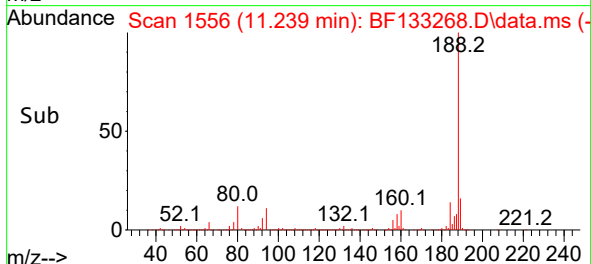
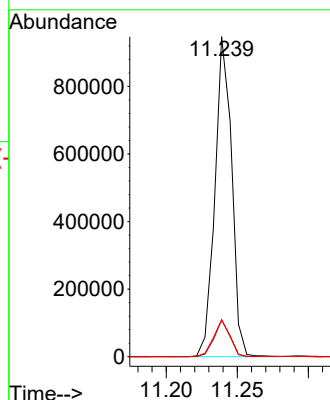
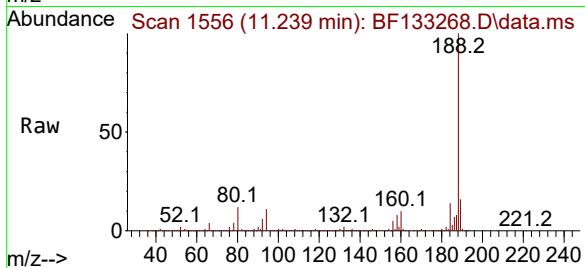
Tgt Ion:188 Resp: 775037

Ion Ratio Lower Upper

188 100

94 11.5 9.7 14.5

80 11.6 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 3.733 ng

RT: 10.551 min Scan# 1439

Delta R.T. -0.241 min

Lab File: BF133268.D

Acq: 05 May 2023 17:43

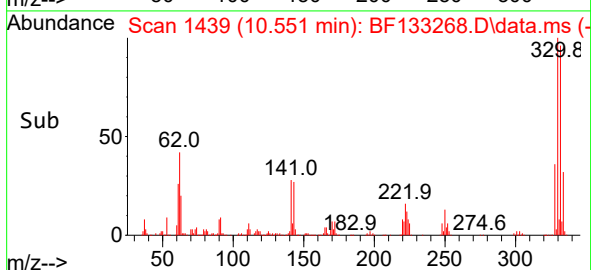
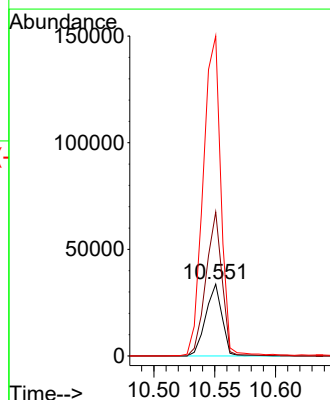
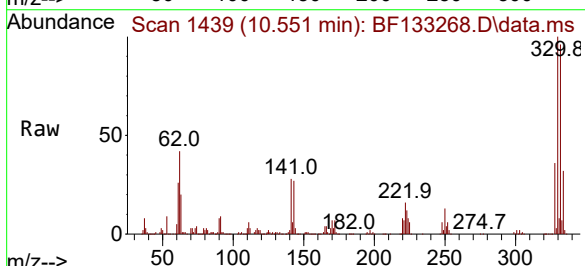
Tgt Ion:248 Resp: 31375

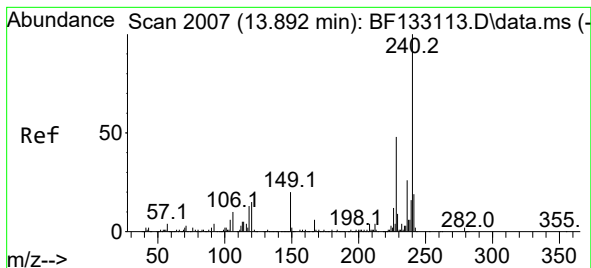
Ion Ratio Lower Upper

248 100

250 200.7 78.7 118.1#

141 445.8 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133268.D

Acq: 05 May 2023 17:43

Instrument :

BNA_F

ClientSampleId :

MW-2-20230503

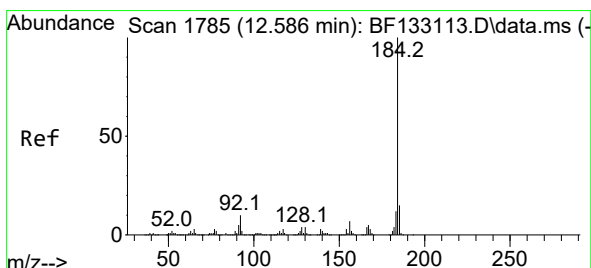
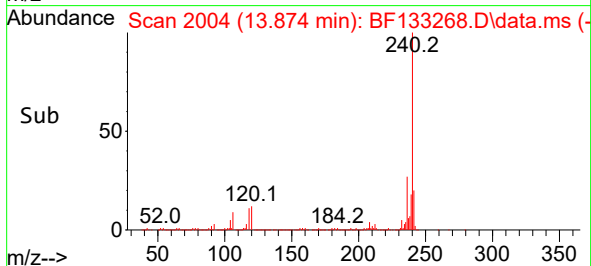
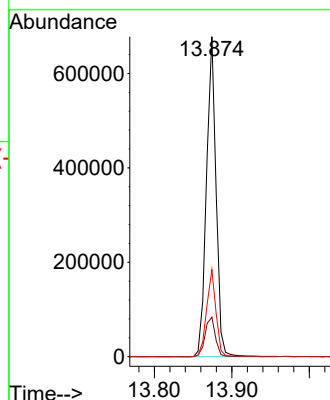
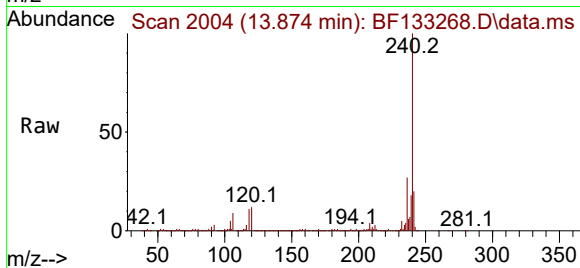
Tgt Ion:240 Resp: 583863

Ion Ratio Lower Upper

240 100

120 12.4 10.5 15.7

236 27.2 21.5 32.3



#77

Benzidine

Concen: 2.921 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.259 min

Lab File: BF133268.D

Acq: 05 May 2023 17:43

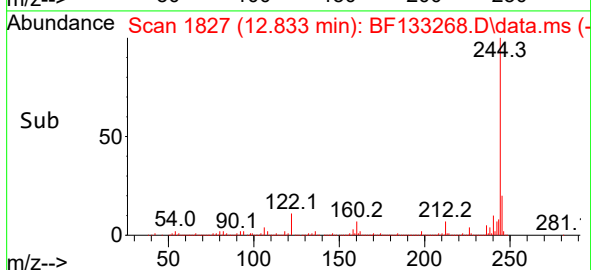
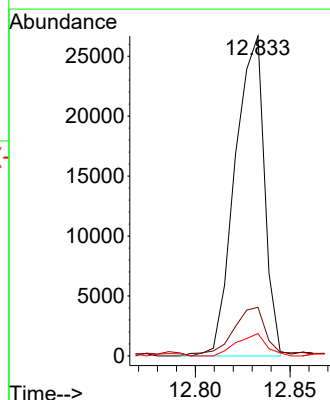
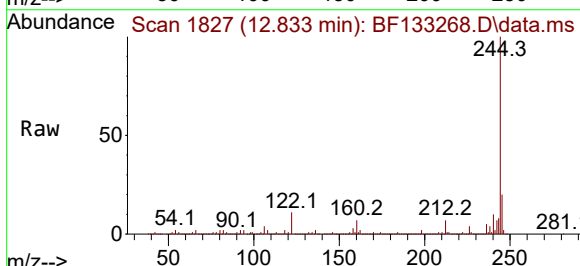
Tgt Ion:184 Resp: 28837

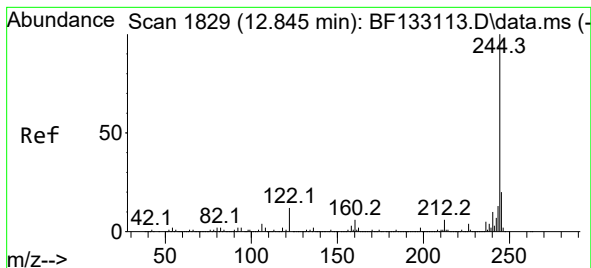
Ion Ratio Lower Upper

184 100

185 15.2 15.4 23.2#

183 7.0 9.4 14.0#





#79

Terphenyl-d14

Concen: 67.233 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.000 min

Lab File: BF133268.D

Acq: 05 May 2023 17:43

Instrument :

BNA_F

ClientSampleId :

MW-2-20230503

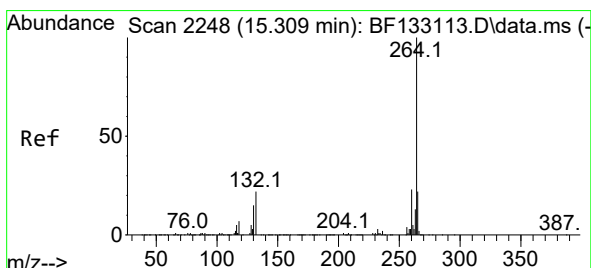
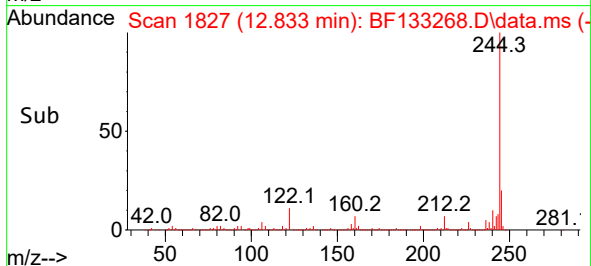
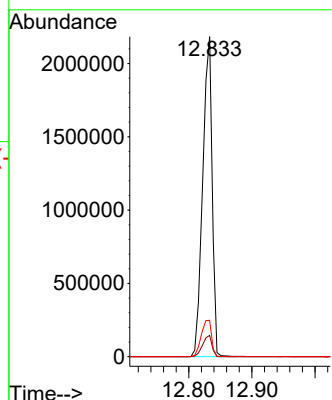
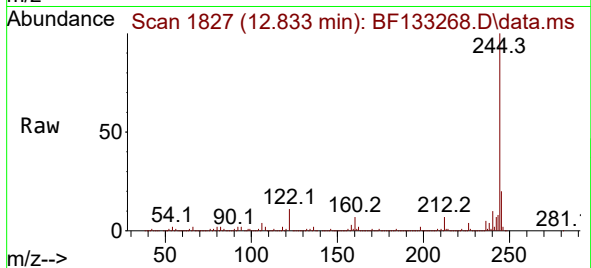
Tgt Ion:244 Resp: 2276076

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 11.4 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 2245

Delta R.T. -0.000 min

Lab File: BF133268.D

Acq: 05 May 2023 17:43

Tgt Ion:264 Resp: 545907

Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 22.2 17.0 25.4

