

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133258.D
 Acq On : 05 May 2023 11:57
 Operator : CG\JU
 Sample : 02598-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-328

Quant Time: May 06 05:46:32 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)

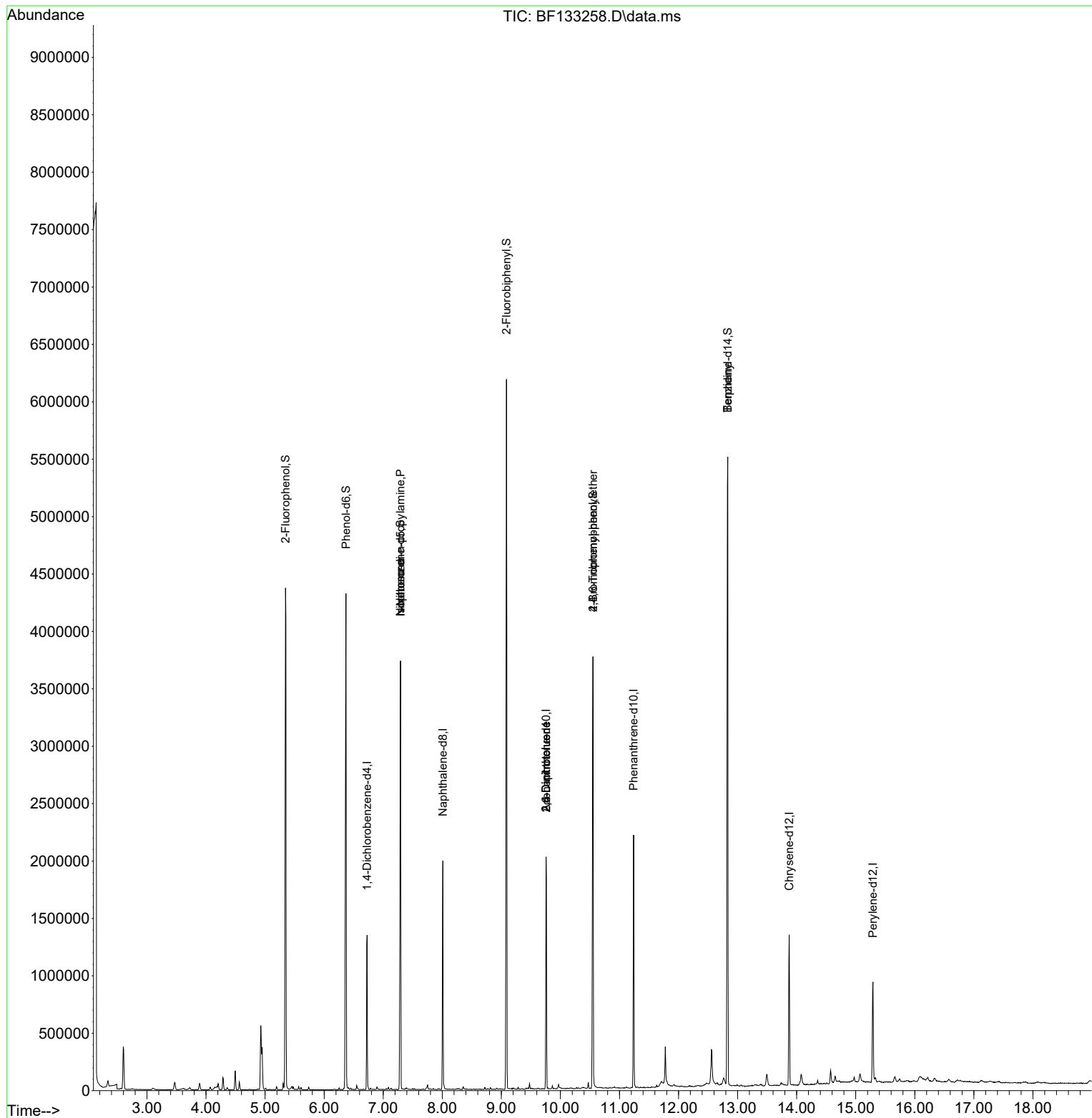
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	187737	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	774088	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	406698	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	730137	20.000	ng	0.00
76) Chrysene-d12	13.874	240	416180	20.000	ng	0.00
86) Perylene-d12	15.292	264	369863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1403568	112.937	ng	0.01
7) Phenol-d6	6.369	99	1520071	98.542	ng	0.00
23) Nitrobenzene-d5	7.292	82	1142163	79.643	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	491465	120.159	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1930128	79.398	ng	0.00
79) Terphenyl-d14	12.833	244	2172439	90.027	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.275	77	783	Below Cal	#	33
19) n-Nitroso-di-n-propyla...	7.292	70	152470	15.877	ng	# 78
25) Isophorone	7.292	82	1142149	41.946	ng	# 63
51) 2,6-Dinitrotoluene	9.757	165	54083	8.473	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	54083	6.644	ng	# 23
67) 4-Bromophenyl-phenylether	10.551	248	31657	3.998	ng	# 1
77) Benizidine	12.833	184	27186	3.863	ng	# 92

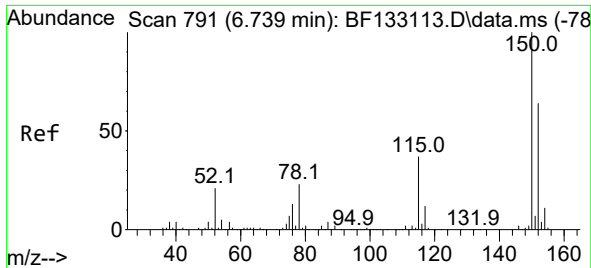
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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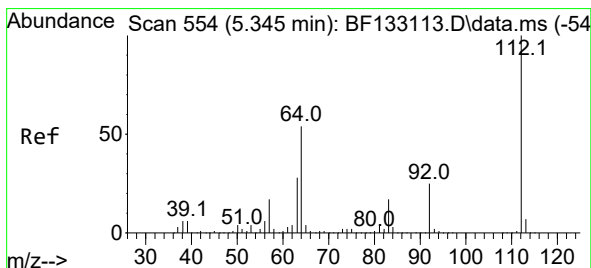
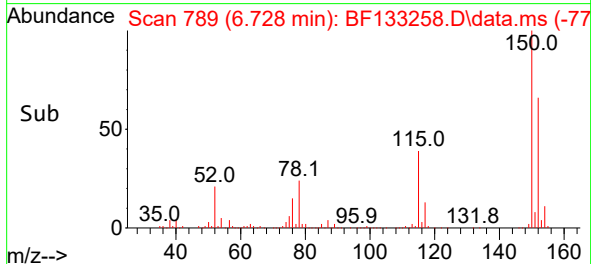
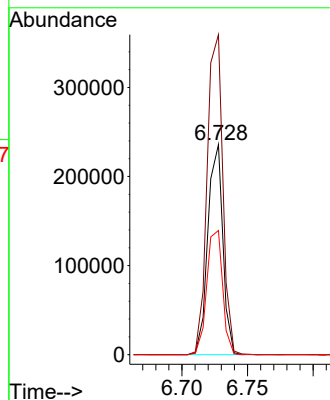
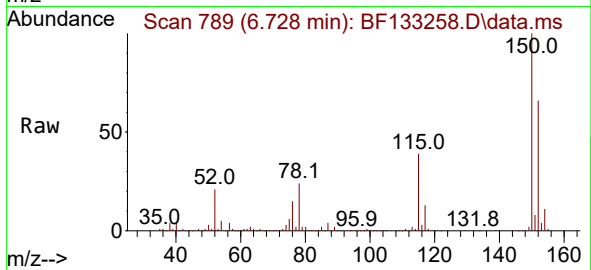




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133258.D
Acq: 05 May 2023 11:57

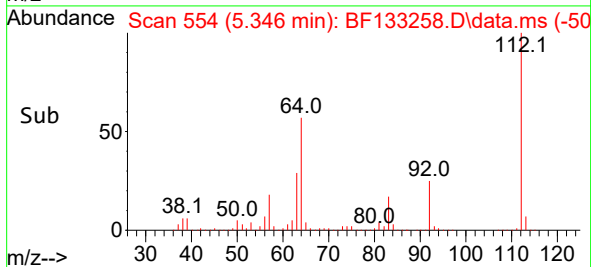
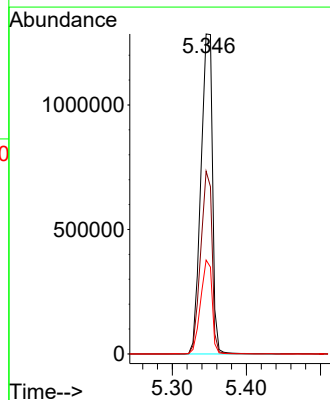
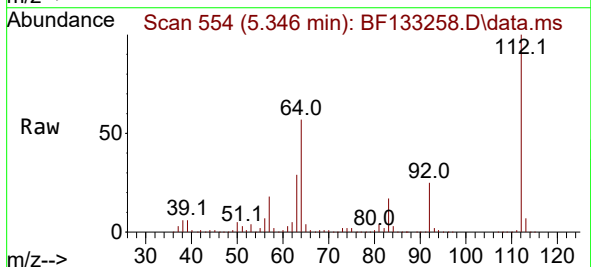
Instrument :
BNA_F
ClientSampleId :
ETGI-328

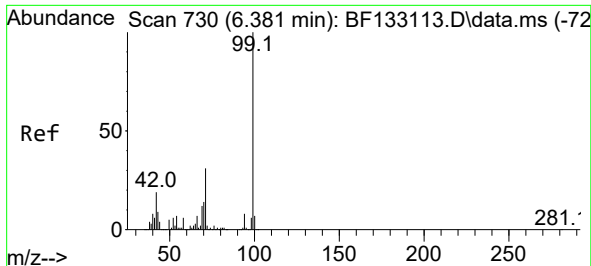
Tgt Ion:152 Resp: 187737
Ion Ratio Lower Upper
152 100
150 152.3 124.8 187.2
115 59.1 49.9 74.9



#5
2-Fluorophenol
Concen: 112.937 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF133258.D
Acq: 05 May 2023 11:57

Tgt Ion:112 Resp: 1403568
Ion Ratio Lower Upper
112 100
64 57.1 46.8 70.2
63 29.3 23.8 35.8

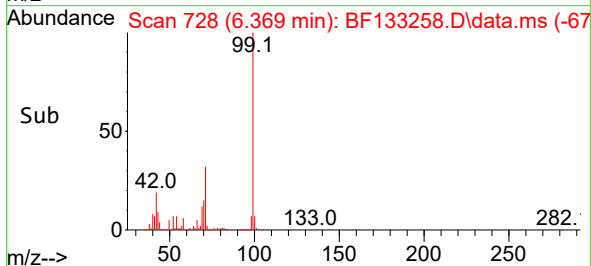
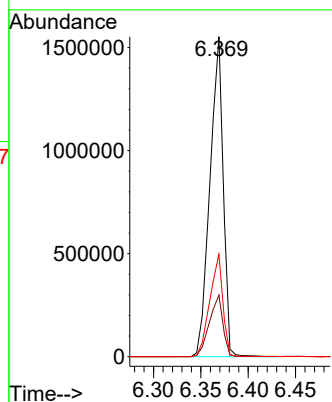
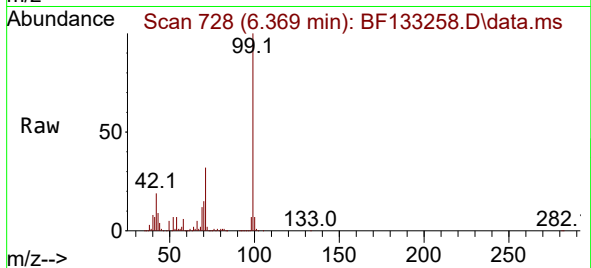




#7
Phenol-d6
Concen: 98.542 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133258.D
Acq: 05 May 2023 11:57

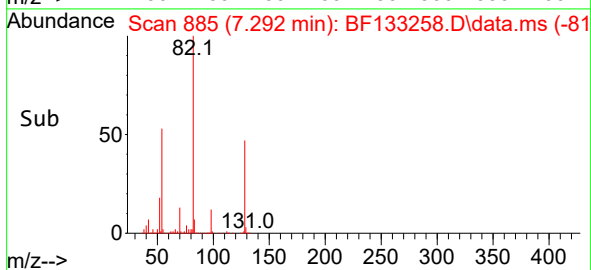
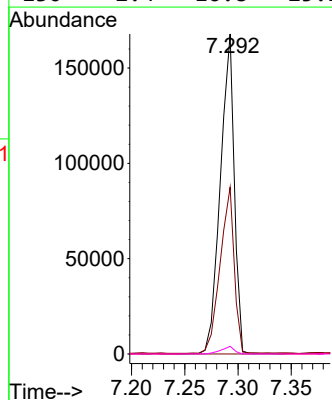
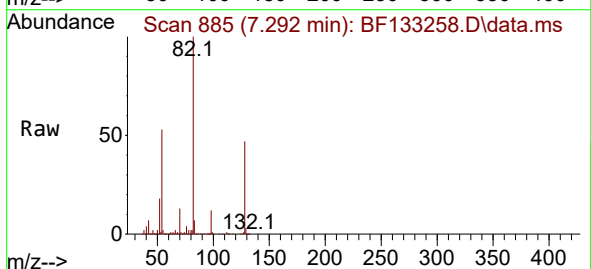
Instrument :
BNA_F
ClientSampleId :
ETGI-328

Tgt Ion: 99 Resp: 1520071
Ion Ratio Lower Upper
99 100
42 19.2 16.3 24.5
71 32.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.877 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133258.D
Acq: 05 May 2023 11:57

Tgt Ion: 70 Resp: 152470
Ion Ratio Lower Upper
70 100
42 52.1 51.8 77.6
101 0.0 8.0 12.0#
130 2.4 16.8 25.2#



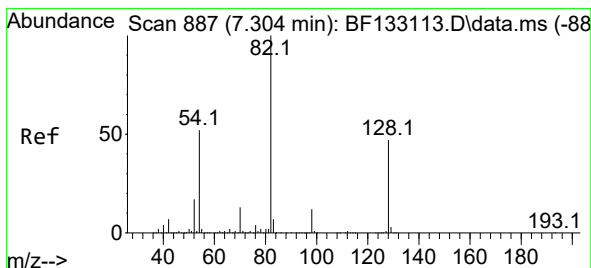
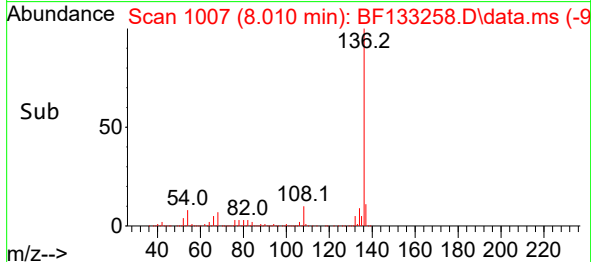
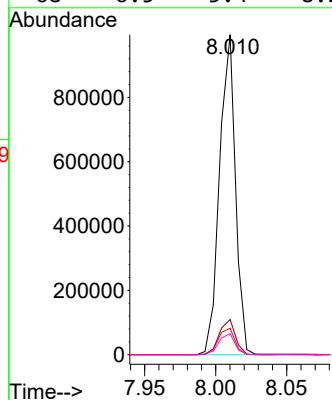
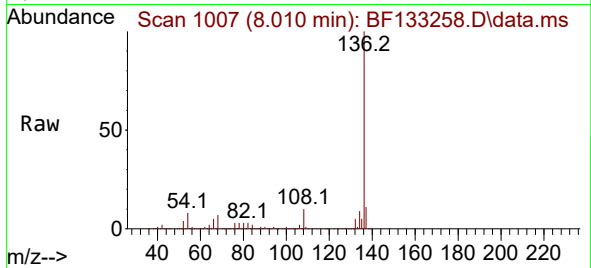


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133258.D
Acq: 05 May 2023 11:57

Instrument :
BNA_F
ClientSampleId :
ETGI-328

Tgt Ion:136 Resp: 774088

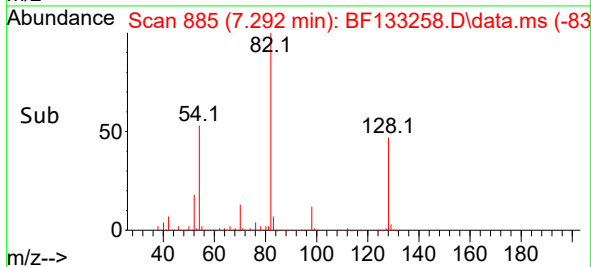
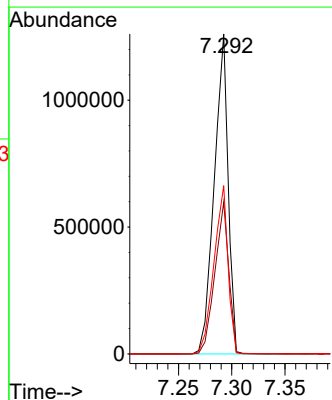
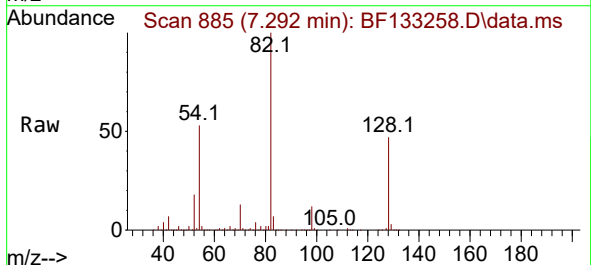
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.3	7.0	10.4
68	6.5	5.4	8.2



#23
Nitrobenzene-d5
Concen: 79.643 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF133258.D
Acq: 05 May 2023 11:57

Tgt Ion: 82 Resp: 1142163

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.7	56.5
54	52.6	43.0	64.4

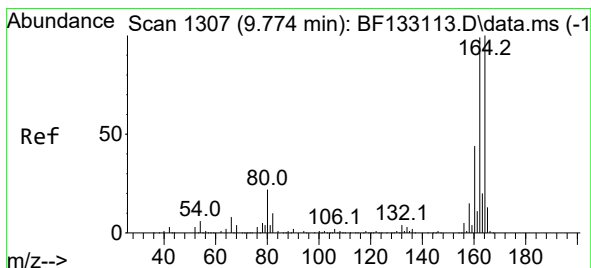
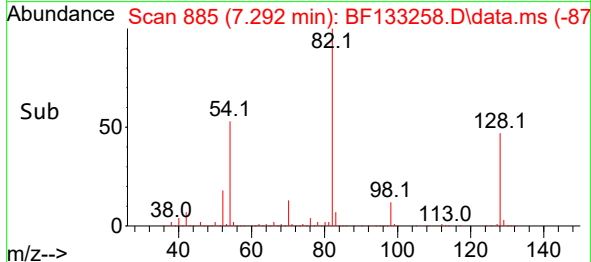
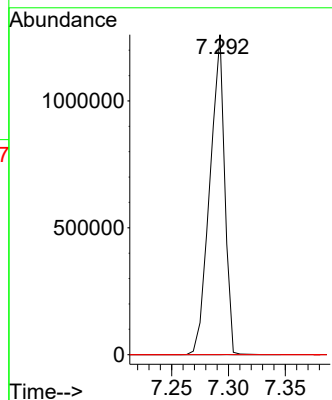
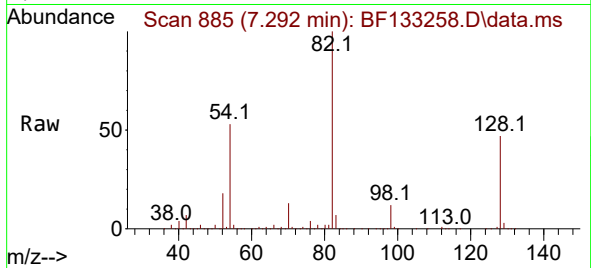




#25
Isophorone
Concen: 41.946 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133258.D
Acq: 05 May 2023 11:57

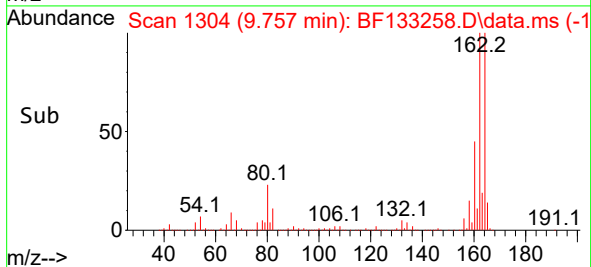
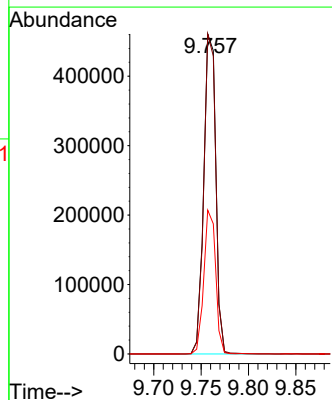
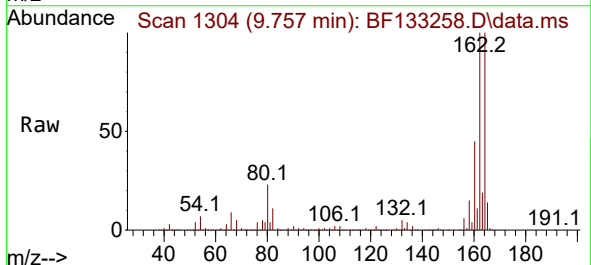
Instrument :
BNA_F
ClientSampleId :
ETGI-328

Tgt Ion: 82 Resp: 1142149
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: BF133258.D
Acq: 05 May 2023 11:57

Tgt Ion:164 Resp: 406698
Ion Ratio Lower Upper
164 100
162 100.0 78.7 118.1
160 45.0 35.8 53.6

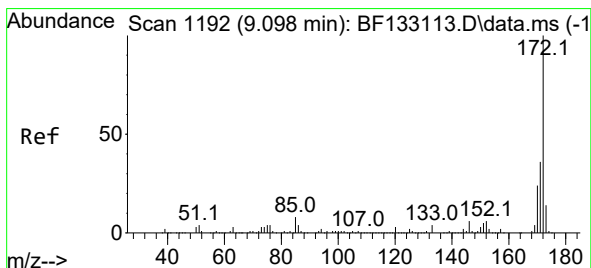
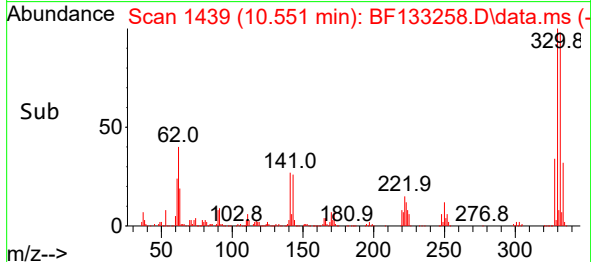
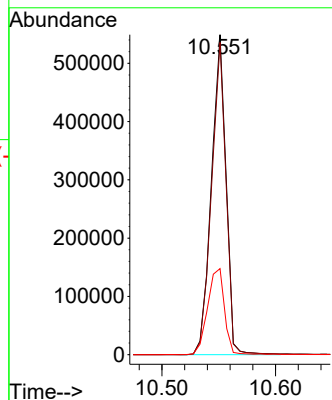
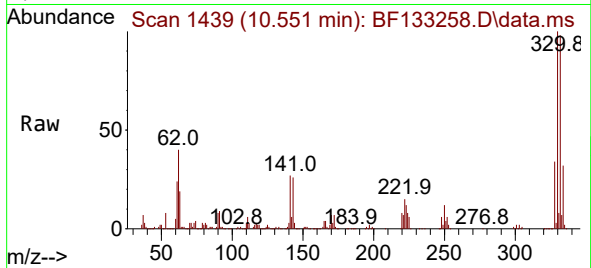




#42
2,4,6-Tribromophenol
Concen: 120.159 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133258.D
Acq: 05 May 2023 11:57

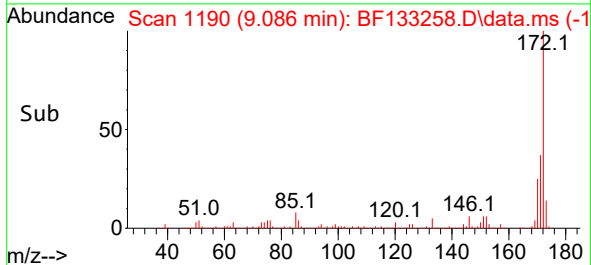
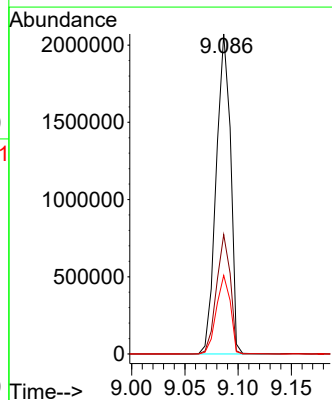
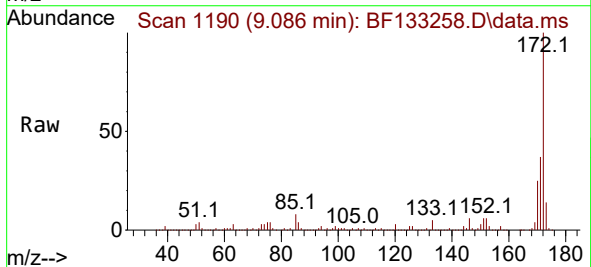
Instrument :
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ClientSampleId :
ETGI-328

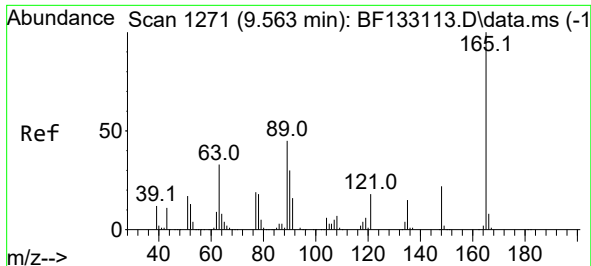
Tgt Ion:330 Resp: 491465
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 31.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 79.398 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF133258.D
Acq: 05 May 2023 11:57

Tgt Ion:172 Resp: 1930128
Ion Ratio Lower Upper
172 100
171 37.3 28.8 43.2
170 24.6 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 8.473 ng

RT: 9.757 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF133258.D

Acq: 05 May 2023 11:57

Instrument :

BNA_F

ClientSampleId :

ETGI-328

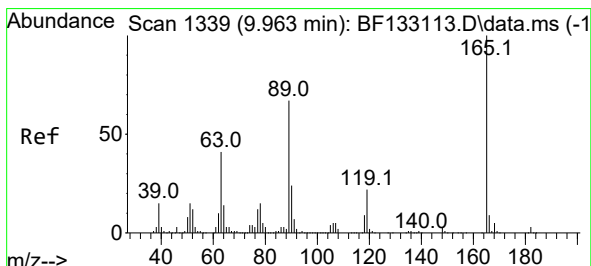
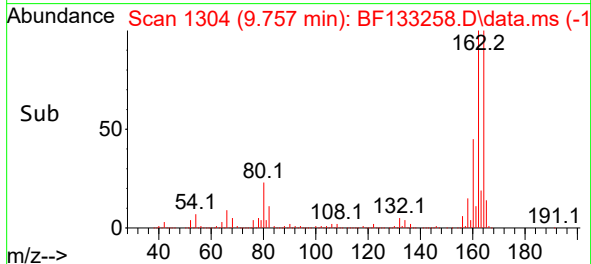
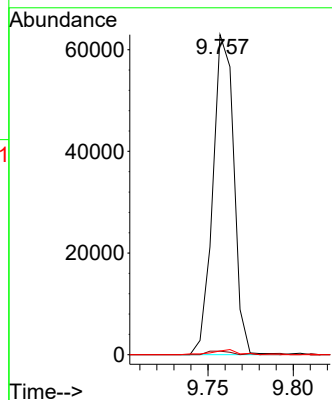
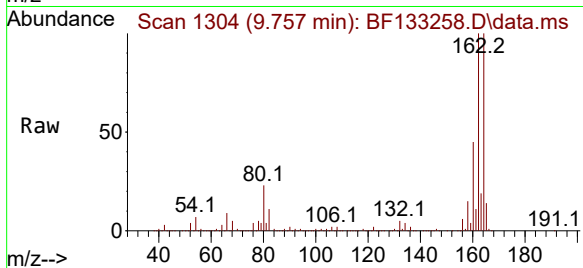
Tgt Ion:165 Resp: 54083

Ion Ratio Lower Upper

165 100

63 1.1 45.9 68.9#

89 1.2 44.0 66.0#



#57

2,4-Dinitrotoluene

Concen: 6.644 ng

RT: 9.757 min Scan# 1304

Delta R.T. -0.200 min

Lab File: BF133258.D

Acq: 05 May 2023 11:57

Tgt Ion:165 Resp: 54083

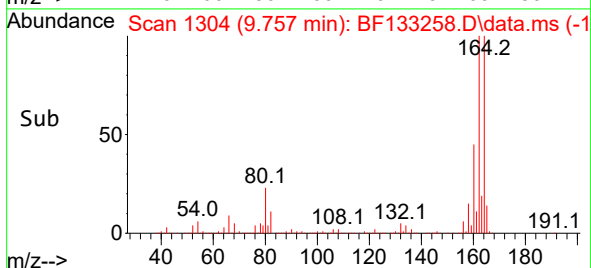
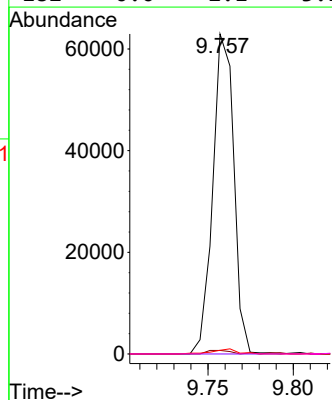
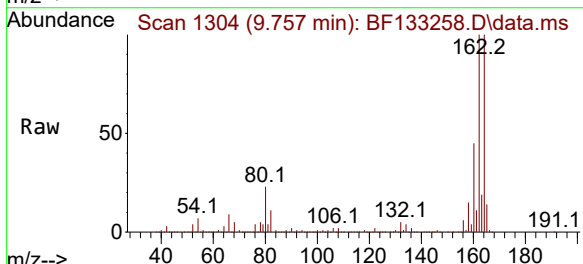
Ion Ratio Lower Upper

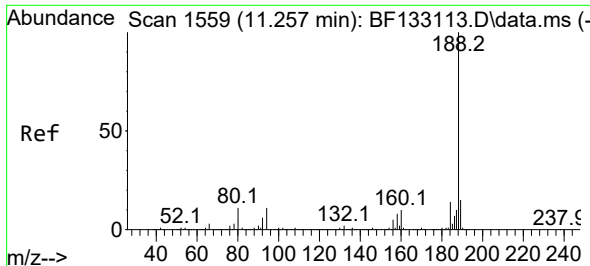
165 100

63 1.1 37.7 56.5#

89 1.2 57.0 85.4#

182 0.0 2.1 3.1#

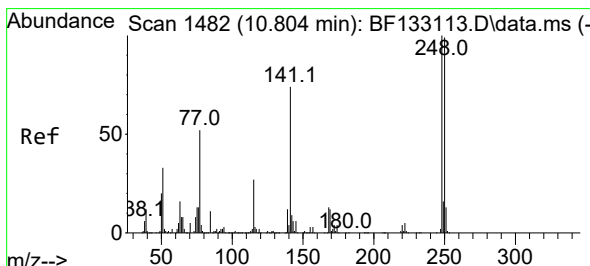
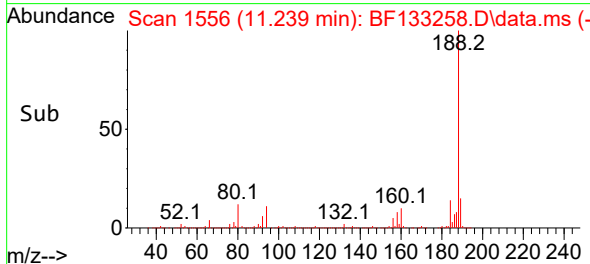
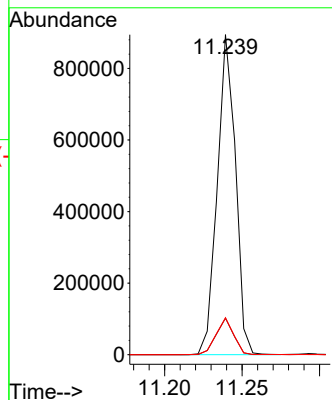
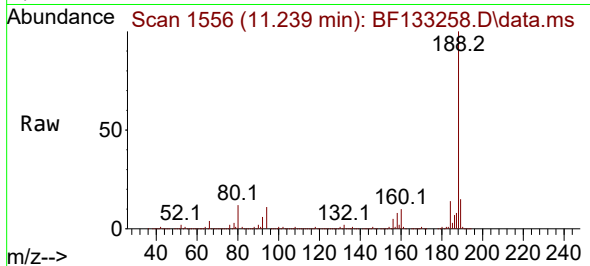




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133258.D
Acq: 05 May 2023 11:57

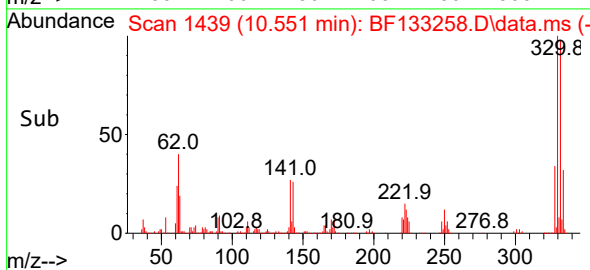
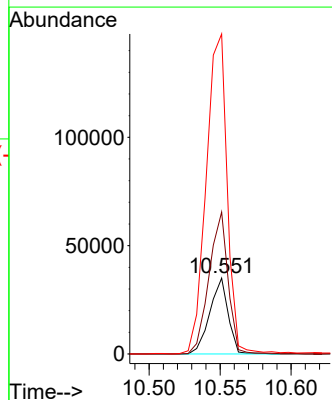
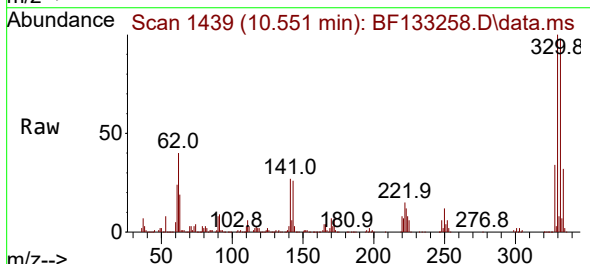
Instrument :
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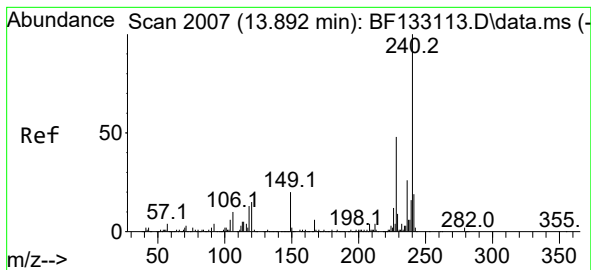
Tgt Ion:188 Resp: 730137
Ion Ratio Lower Upper
188 100
94 11.4 9.7 14.5
80 11.5 10.4 15.6



#67
4-Bromophenyl-phenylether
Concen: 3.998 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.241 min
Lab File: BF133258.D
Acq: 05 May 2023 11:57

Tgt Ion:248 Resp: 31657
Ion Ratio Lower Upper
248 100
250 187.4 78.7 118.1#
141 422.2 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: BF133258.D

Acq: 05 May 2023 11:57

Instrument :

BNA_F

ClientSampleId :

ETGI-328

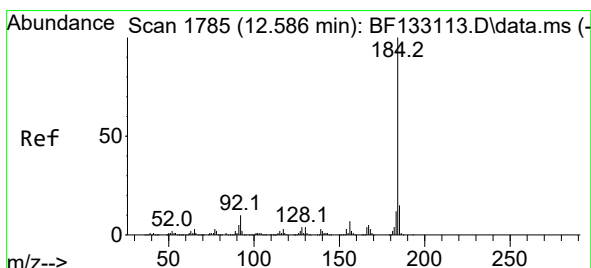
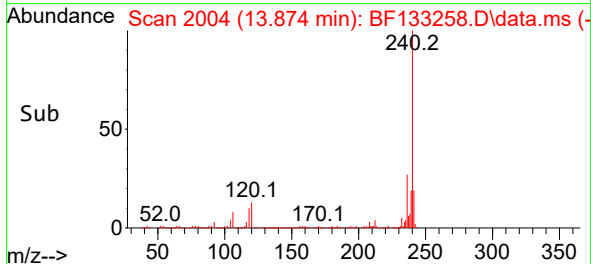
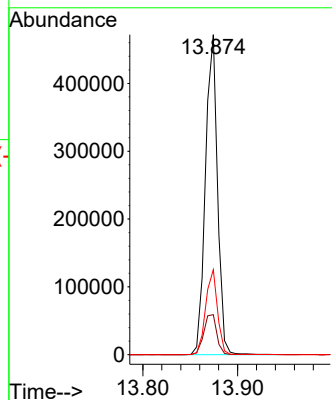
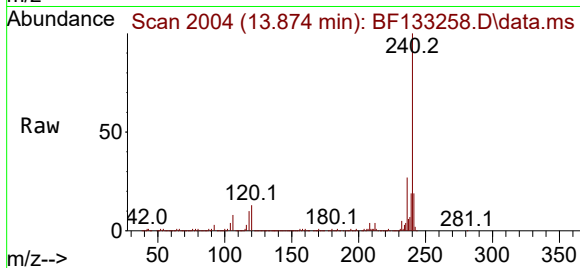
Tgt Ion:240 Resp: 416180

Ion Ratio Lower Upper

240 100

120 12.5 10.5 15.7

236 26.5 21.5 32.3



#77

Benzidine

Concen: 3.863 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.259 min

Lab File: BF133258.D

Acq: 05 May 2023 11:57

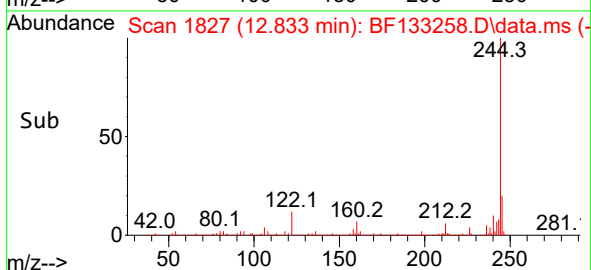
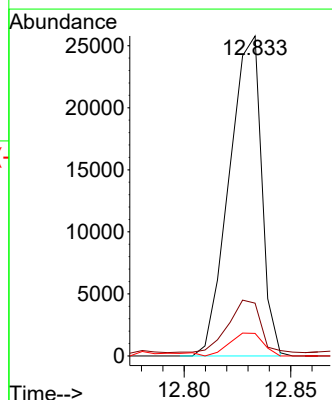
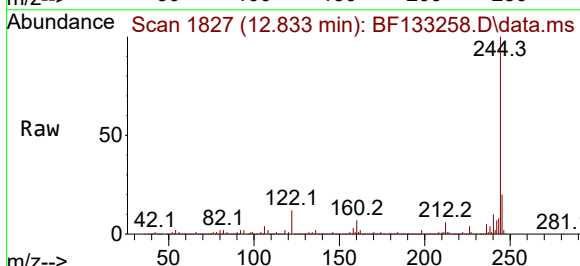
Tgt Ion:184 Resp: 27186

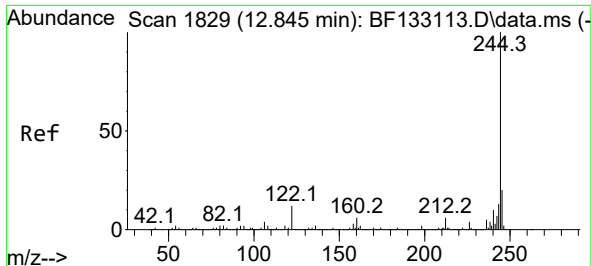
Ion Ratio Lower Upper

184 100

185 16.5 15.4 23.2

183 7.0 9.4 14.0#

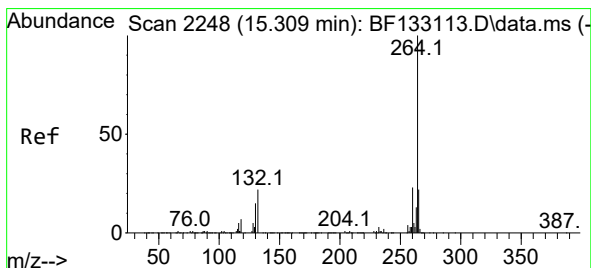
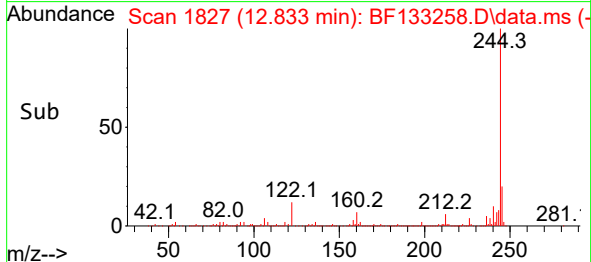
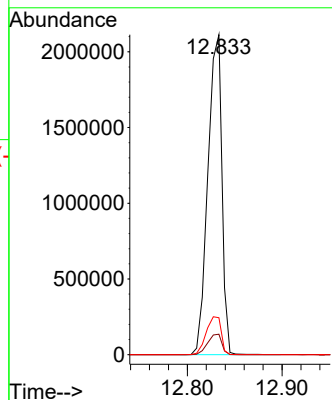
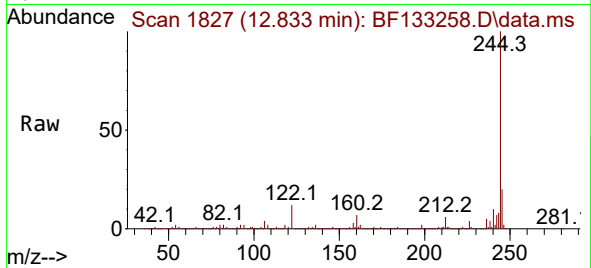




#79
 Terphenyl-d14
 Concen: 90.027 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. 0.000 min
 Lab File: BF133258.D
 Acq: 05 May 2023 11:57

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-328

Tgt Ion:244 Resp: 2172439
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 11.6 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: BF133258.D
 Acq: 05 May 2023 11:57

Tgt Ion:264 Resp: 369863
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.7 17.0 25.4

