

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
 Data File : BF134243.D
 Acq On : 12 Jul 2023 12:53
 Operator : CG\JU
 Sample : 03555-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-369

Quant Time: Jul 12 15:12:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

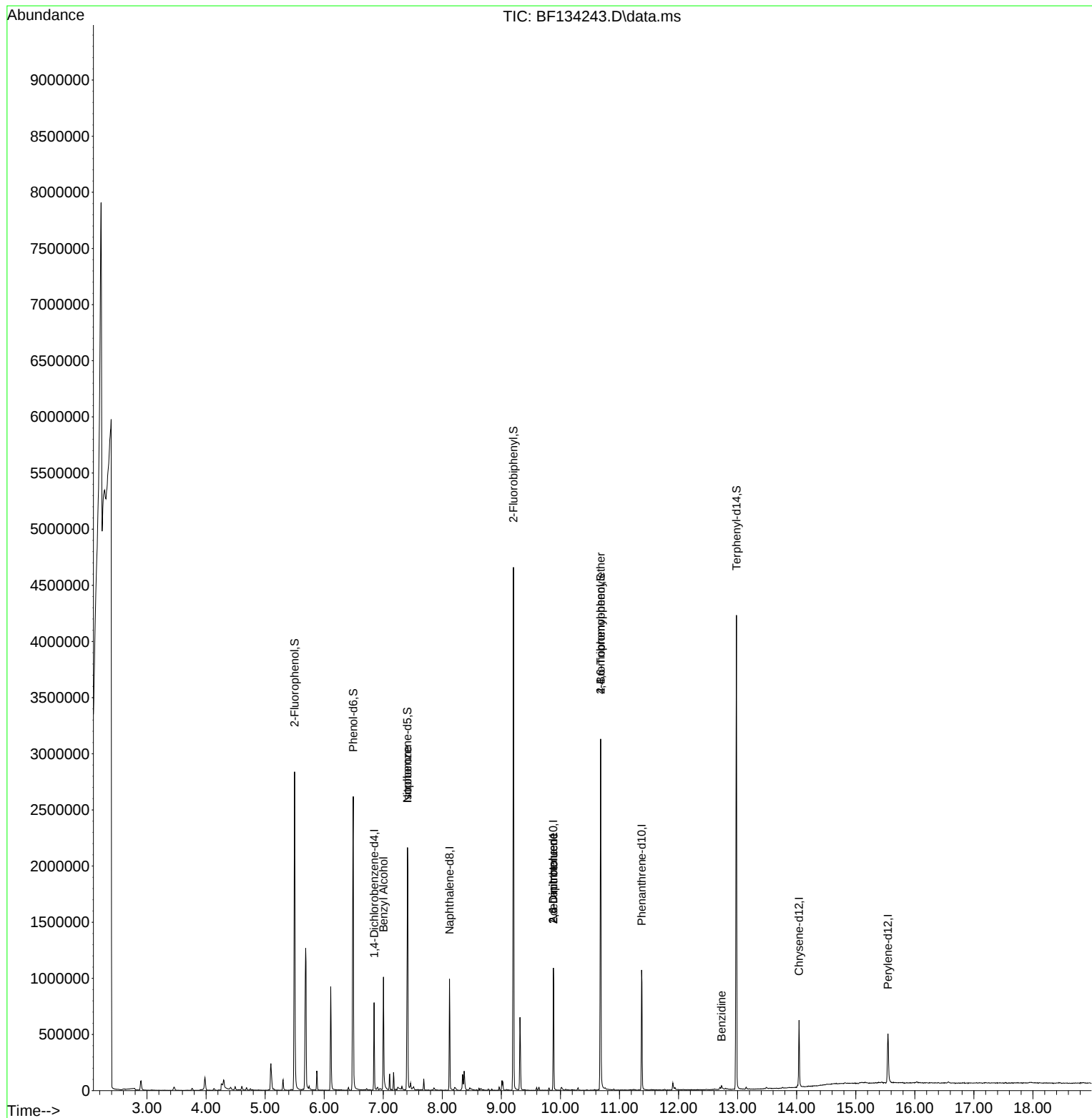
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	101726	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	401758	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	211979	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	415054	20.000	ng	0.00
76) Chrysene-d12	14.039	240	204149	20.000	ng	0.00
86) Perylene-d12	15.545	264	223652	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	815646	134.124	ng	0.02
7) Phenol-d6	6.492	99	875848	117.111	ng	0.00
23) Nitrobenzene-d5	7.410	82	755388	101.353	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	408148	153.567	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1392941	95.537	ng	0.00
79) Terphenyl-d14	12.980	244	1511277	119.142	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.416	77	159	Below Cal	#	1
15) Benzyl Alcohol	7.004	79	14195	2.462	ng	# 47
25) Isophorone	7.410	82	755388	55.767	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	27691	8.355	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	27691	6.327	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	24545	5.564	ng	# 1
77) Benzidine	12.727	184	18008	3.707	ng	95

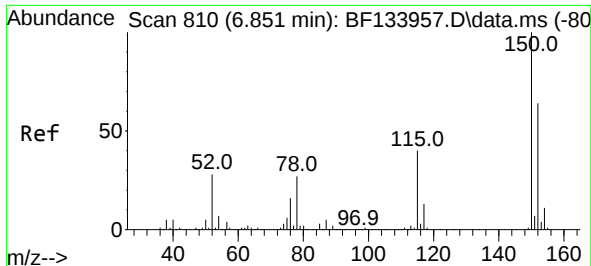
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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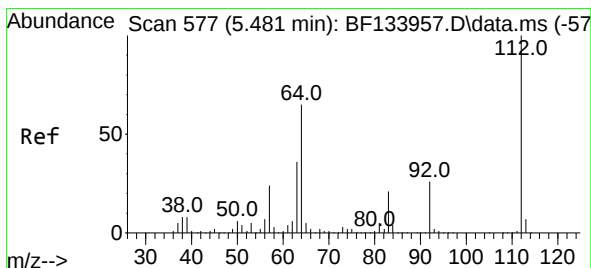
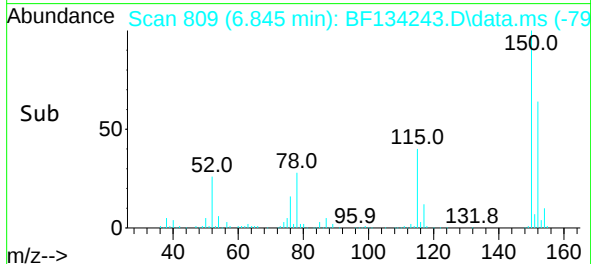
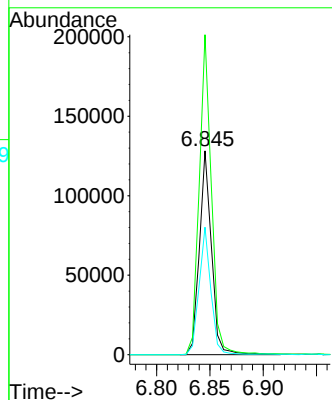
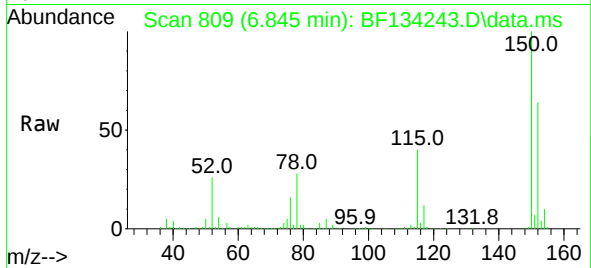




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134243.D
Acq: 12 Jul 2023 12:53

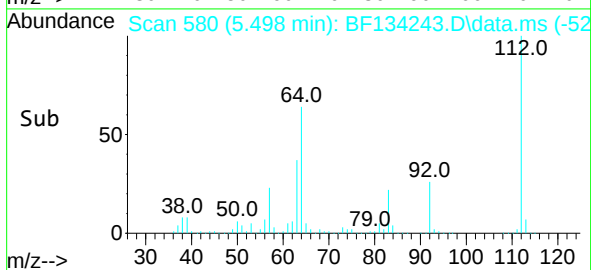
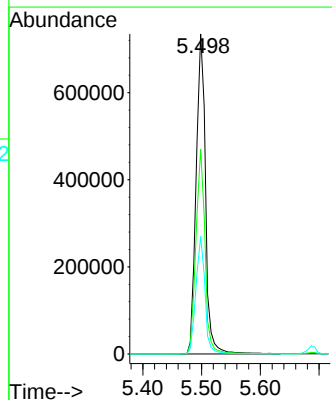
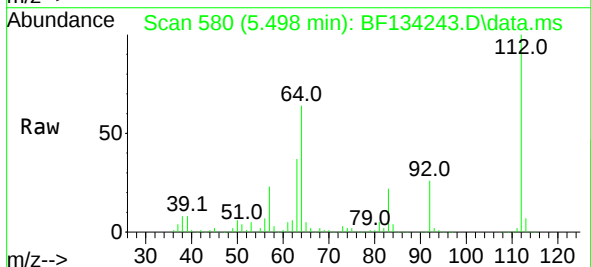
Instrument :
BNA_F
ClientSampleId :
ETGI-369

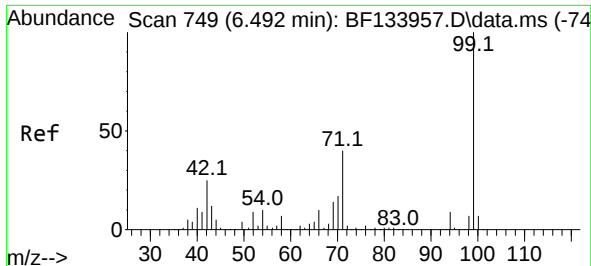
Tgt Ion:152 Resp: 101726
Ion Ratio Lower Upper
152 100
150 157.0 124.5 186.7
115 62.6 50.2 75.2



#5
2-Fluorophenol
Concen: 134.124 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.024 min
Lab File: BF134243.D
Acq: 12 Jul 2023 12:53

Tgt Ion:112 Resp: 815646
Ion Ratio Lower Upper
112 100
64 64.0 52.1 78.1
63 36.7 28.6 42.8

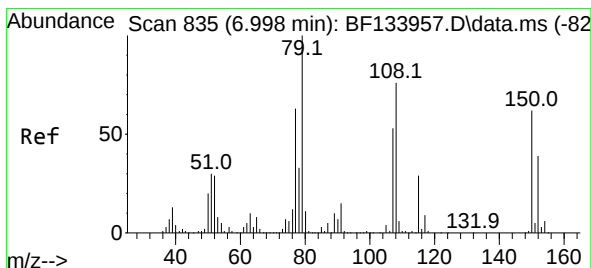
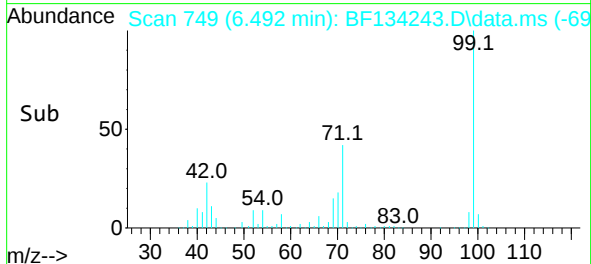
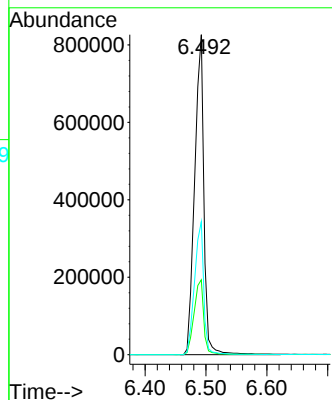
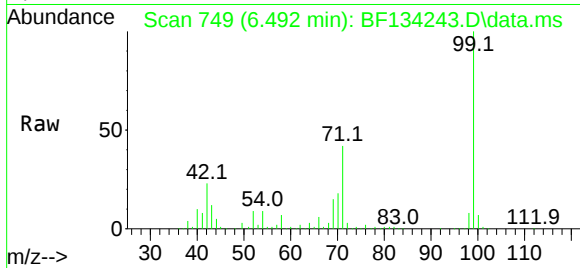




#7
Phenol-d6
Concen: 117.111 ng
RT: 6.492 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF134243.D
Acq: 12 Jul 2023 12:53

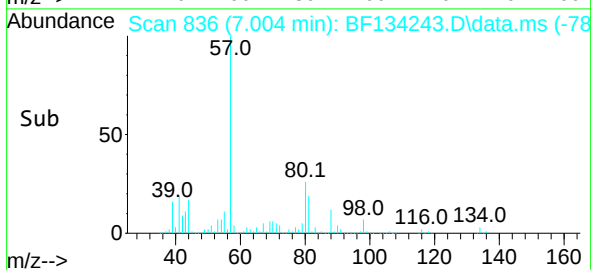
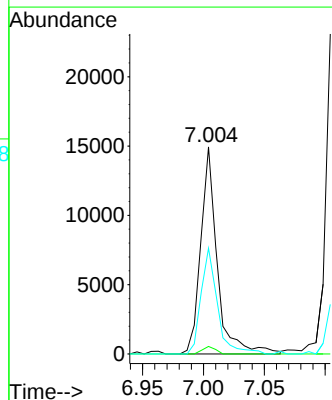
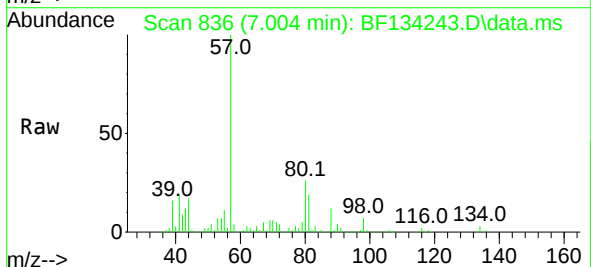
Instrument :
BNA_F
ClientSampleId :
ETGI-369

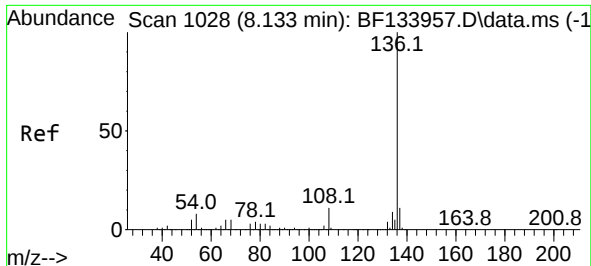
Tgt Ion: 99 Resp: 875848
Ion Ratio Lower Upper
99 100
42 23.4 19.8 29.6
71 41.6 31.9 47.9



#15
Benzyl Alcohol
Concen: 2.462 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.018 min
Lab File: BF134243.D
Acq: 12 Jul 2023 12:53

Tgt Ion: 79 Resp: 14195
Ion Ratio Lower Upper
79 100
108 3.6 60.7 91.1#
77 51.1 50.6 75.8

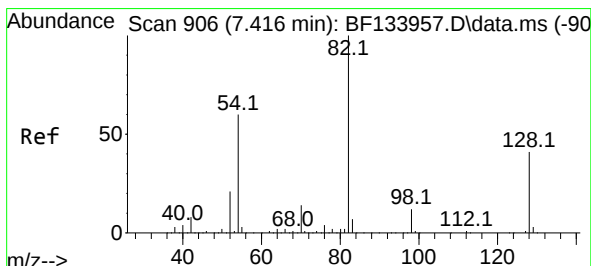
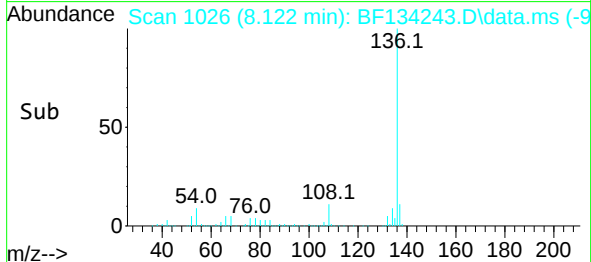
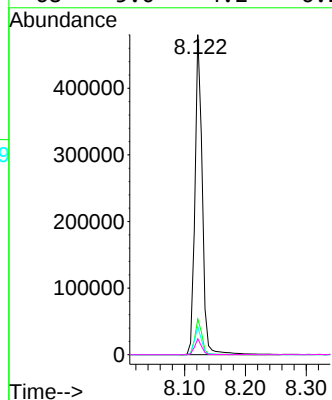
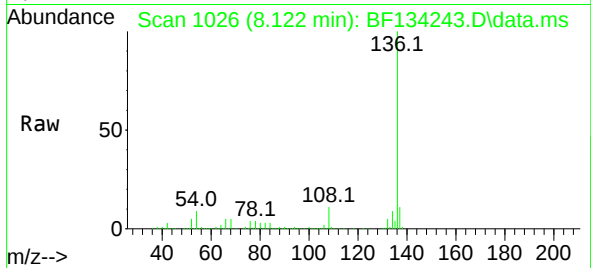




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134243.D
Acq: 12 Jul 2023 12:53

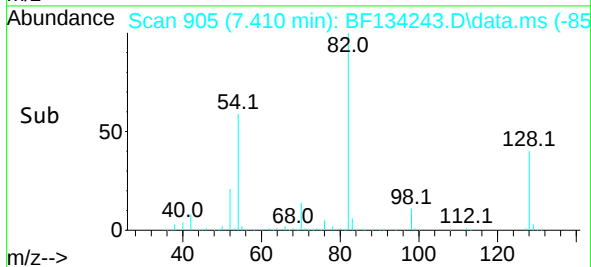
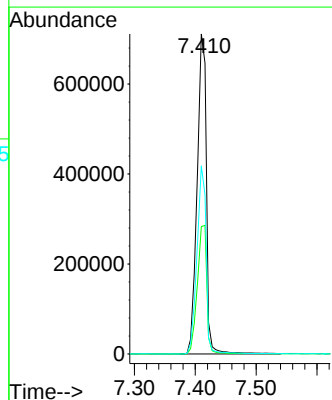
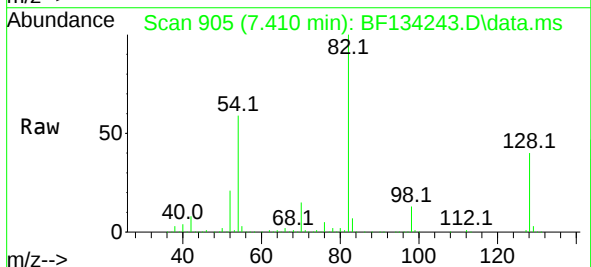
Instrument :
BNA_F
ClientSampleId :
ETGI-369

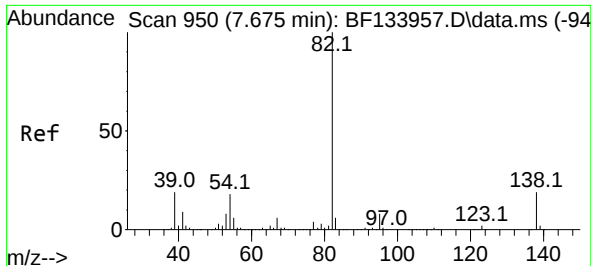
Tgt Ion:136 Resp: 401758
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 8.7 6.5 9.7
68 5.0 4.2 6.2



#23
Nitrobenzene-d5
Concen: 101.353 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF134243.D
Acq: 12 Jul 2023 12:53

Tgt Ion: 82 Resp: 755388
Ion Ratio Lower Upper
82 100
128 39.8 32.5 48.7
54 58.8 48.2 72.2

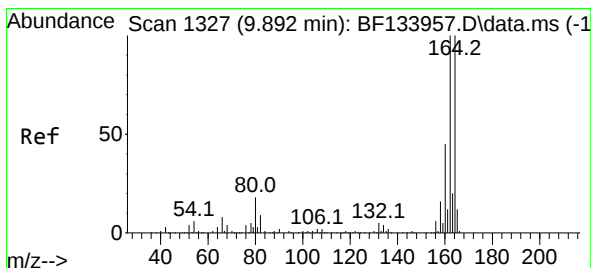
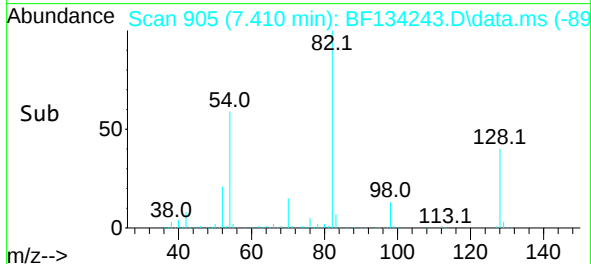
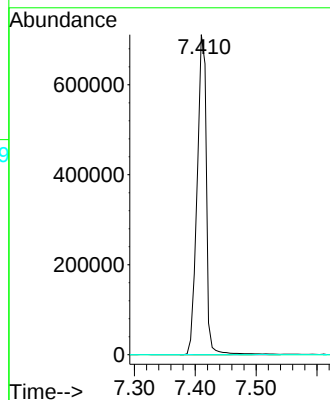
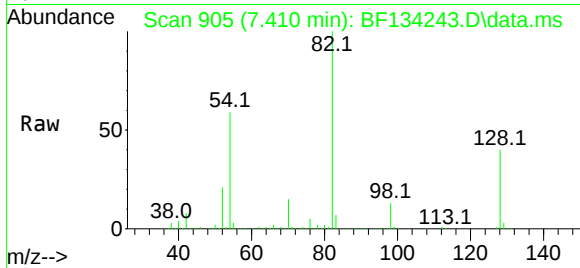




#25
Isophorone
Concen: 55.767 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF134243.D
Acq: 12 Jul 2023 12:53

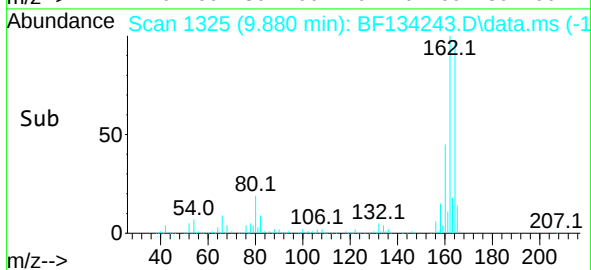
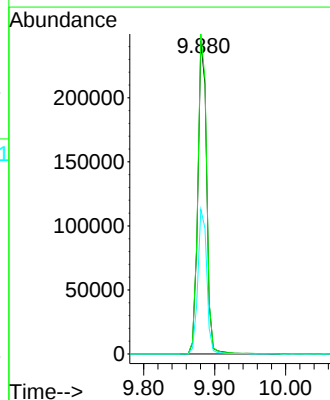
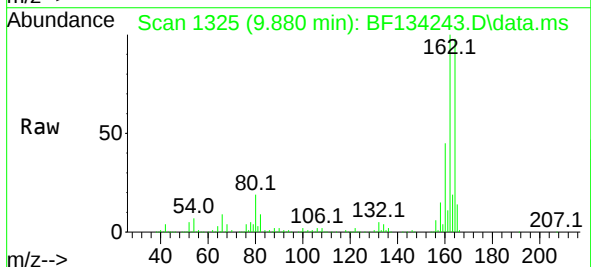
Instrument :
BNA_F
ClientSampleId :
ETGI-369

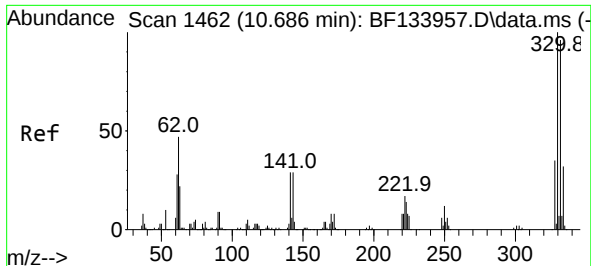
Tgt Ion: 82 Resp: 755388
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134243.D
Acq: 12 Jul 2023 12:53

Tgt Ion:164 Resp: 211979
Ion Ratio Lower Upper
164 100
162 102.2 80.0 120.0
160 46.2 35.9 53.9

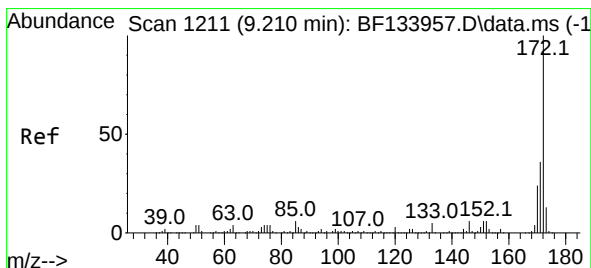
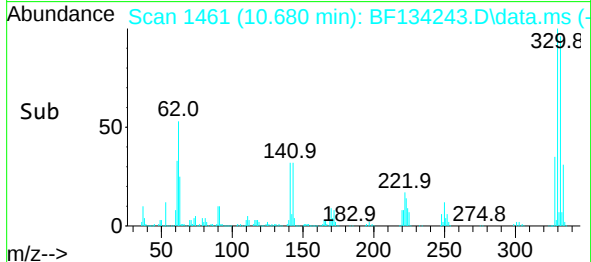
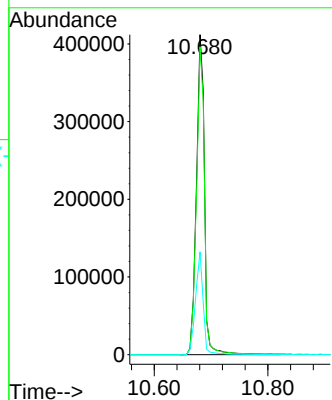
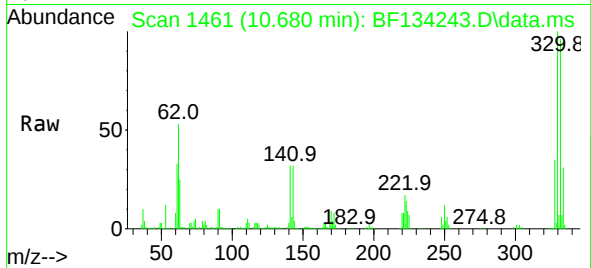




#42
2,4,6-Tribromophenol
Concen: 153.567 ng
RT: 10.680 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF134243.D
Acq: 12 Jul 2023 12:53

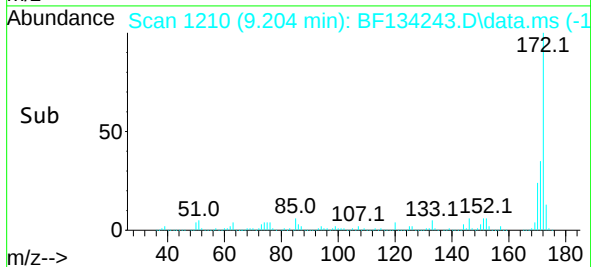
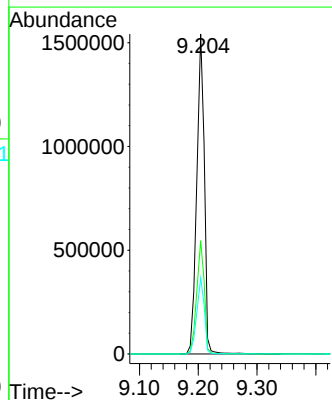
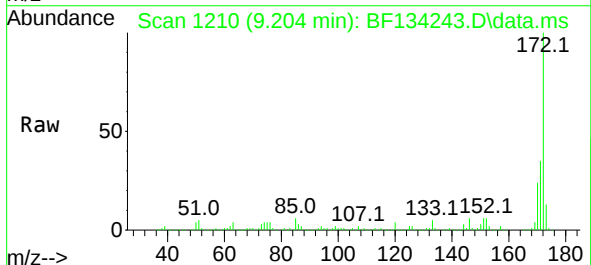
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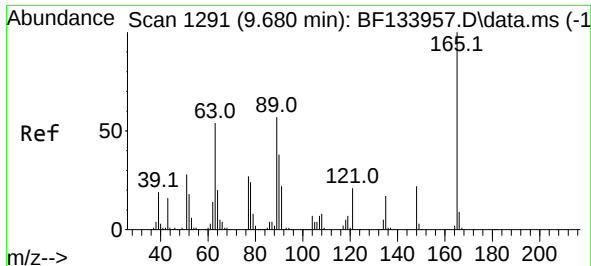
Tgt Ion:330 Resp: 408148
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 30.9 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 95.537 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF134243.D
Acq: 12 Jul 2023 12:53

Tgt Ion:172 Resp: 1392941
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.8 19.4 29.0

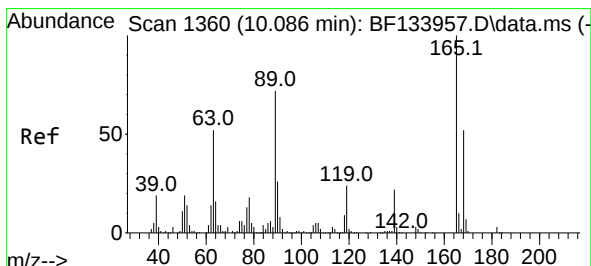
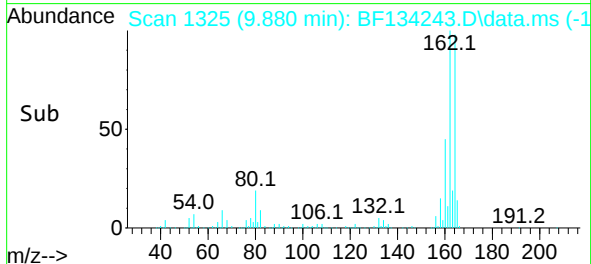
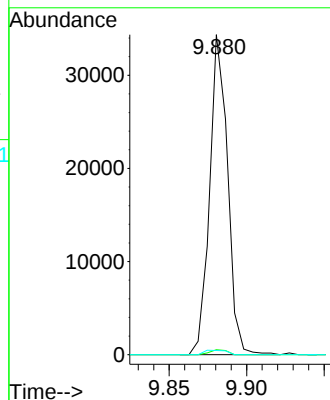
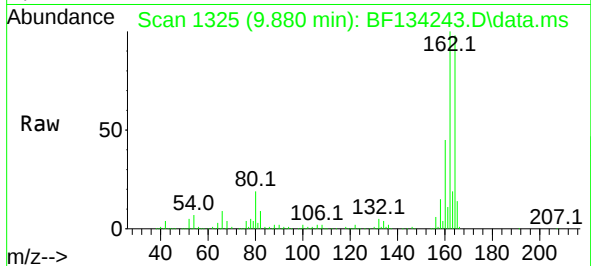




#51
2,6-Dinitrotoluene
Concen: 8.355 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134243.D
Acq: 12 Jul 2023 12:53

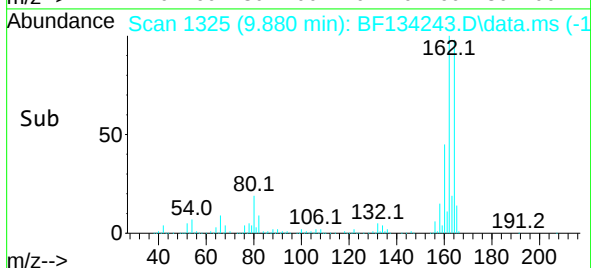
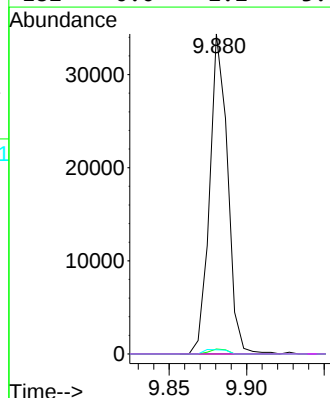
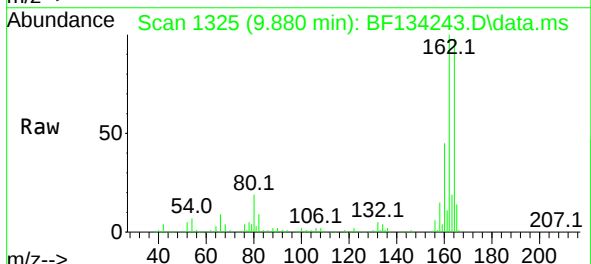
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ETGI-369

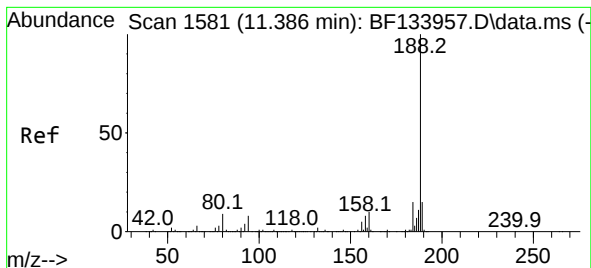
Tgt Ion:165 Resp: 27691
Ion Ratio Lower Upper
165 100
63 1.6 48.5 72.7#
89 1.3 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.327 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF134243.D
Acq: 12 Jul 2023 12:53

Tgt Ion:165 Resp: 27691
Ion Ratio Lower Upper
165 100
63 1.6 42.2 63.2#
89 1.3 57.4 86.2#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134243.D

Acq: 12 Jul 2023 12:53

Instrument :

BNA_F

ClientSampleId :

ETGI-369

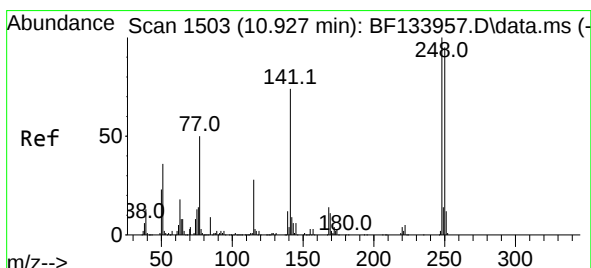
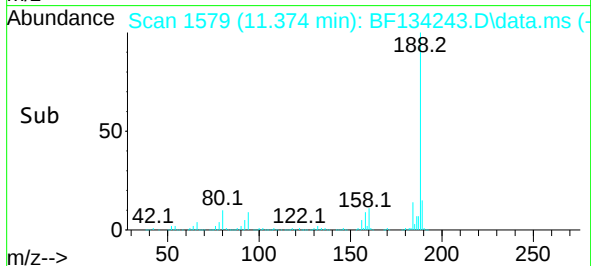
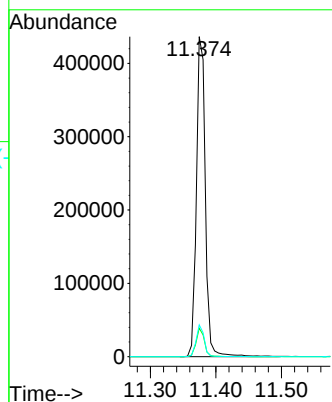
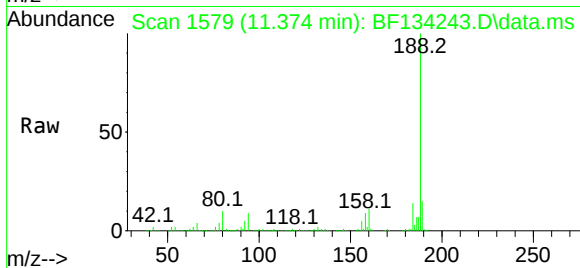
Tgt Ion:188 Resp: 415054

Ion Ratio Lower Upper

188 100

94 8.9 6.4 9.6

80 10.0 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 5.564 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.241 min

Lab File: BF134243.D

Acq: 12 Jul 2023 12:53

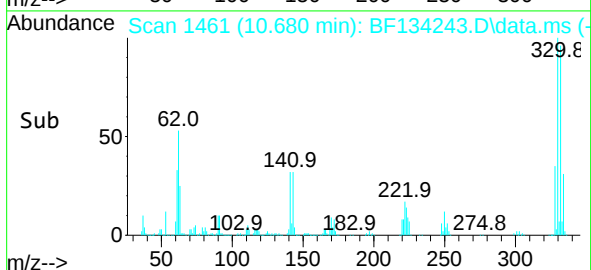
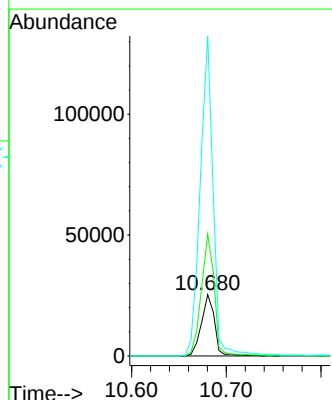
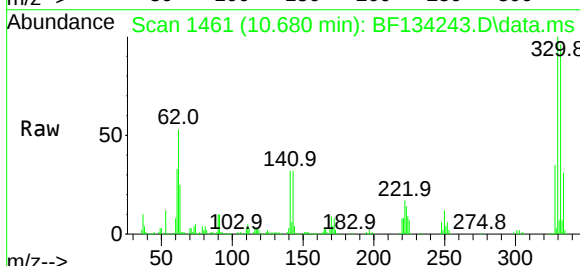
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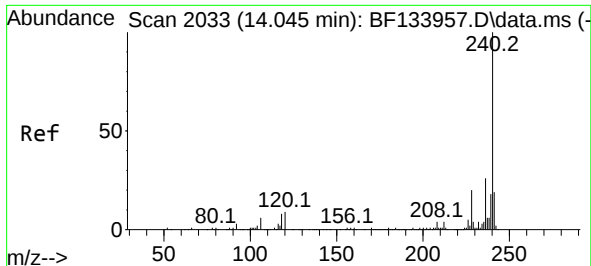
Ion Ratio Lower Upper

248 100

250 198.6 76.2 114.4#

141 522.7 59.0 88.4#

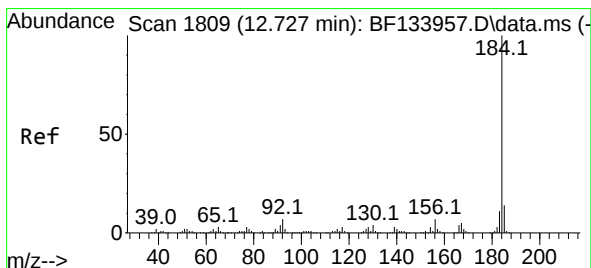
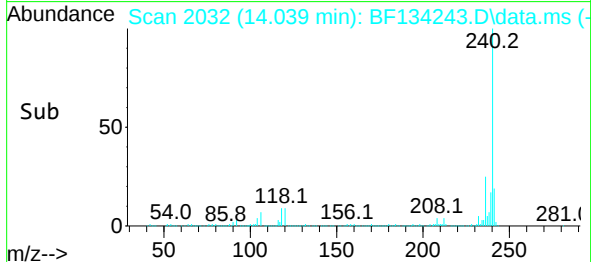
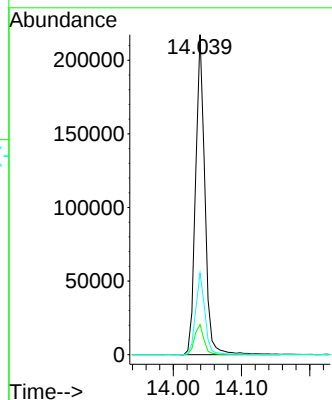
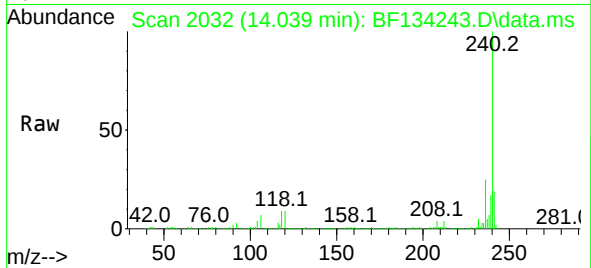




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF134243.D
Acq: 12 Jul 2023 12:53

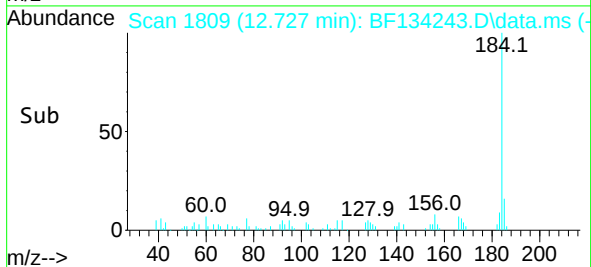
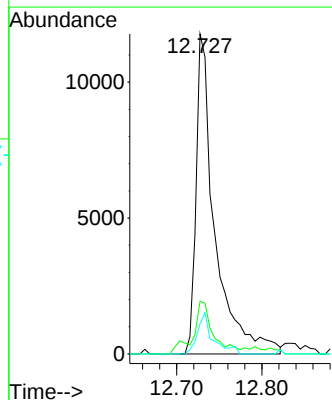
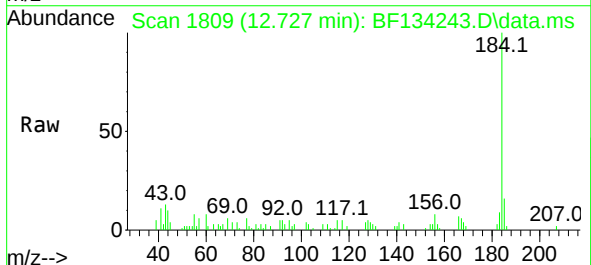
Instrument :
BNA_F
ClientSampleId :
ETGI-369

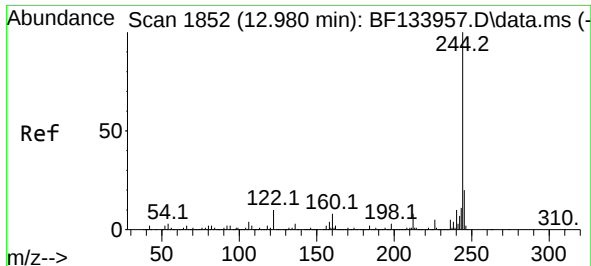
Tgt Ion:240 Resp: 204149
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 25.5 21.0 31.6



#77
Benzidine
Concen: 3.707 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF134243.D
Acq: 12 Jul 2023 12:53

Tgt Ion:184 Resp: 18008
Ion Ratio Lower Upper
184 100
185 16.5 11.6 17.4
183 9.4 8.8 13.2

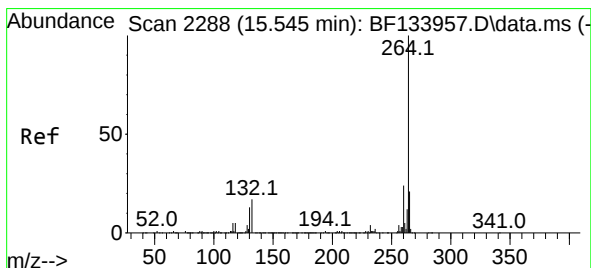
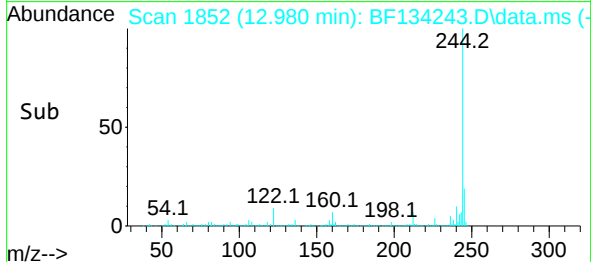
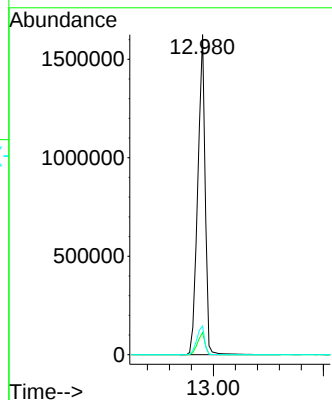
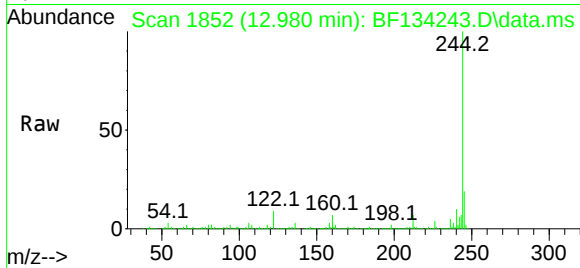




#79
 Terphenyl-d14
 Concen: 119.142 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.006 min
 Lab File: BF134243.D
 Acq: 12 Jul 2023 12:53

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-369

Tgt Ion:244 Resp: 1511277
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 8.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.000 min
 Lab File: BF134243.D
 Acq: 12 Jul 2023 12:53

Tgt Ion:264 Resp: 223652
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.5 29.3
 265 21.0 16.6 25.0

