

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136135.D
 Acq On : 03 Nov 2023 20:42
 Operator : CG\JU
 Sample : 05213-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-293

Quant Time: Nov 04 00:12:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

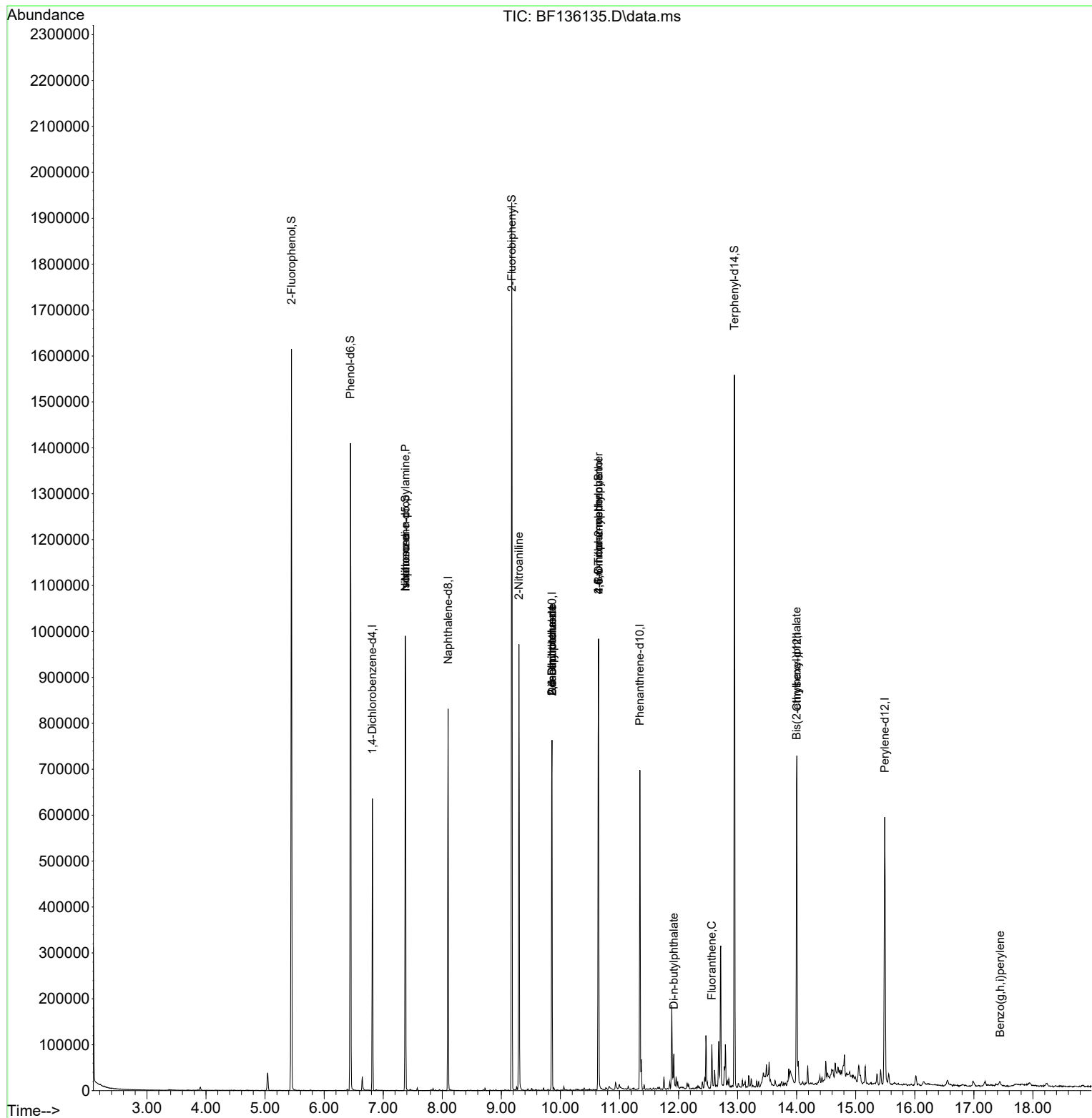
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	87206	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	321864	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	149249	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	234824	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	221590	20.000	ng	-0.01
86) Perylene-d12	15.492	264	267254	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	408590	73.626	ng	0.00
7) Phenol-d6	6.446	99	480631	69.512	ng	-0.01
23) Nitrobenzene-d5	7.375	82	302724	56.698	ng	-0.02
42) 2,4,6-Tribromophenol	10.645	330	112950	70.902	ng	-0.01
45) 2-Fluorobiphenyl	9.175	172	534257	57.063	ng	-0.01
79) Terphenyl-d14	12.945	244	511818	35.894	ng	-0.01
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.375	70	38892	9.844	ng	# 79
25) Isophorone	7.375	82	302719	30.032	ng	# 64
48) 2-Nitroaniline	9.298	65	9422	3.796	ng	# 10
50) Dimethylphthalate	9.857	163	30554	3.104	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	19082	9.063	ng	# 29
57) 2,4-Dinitrotoluene	9.857	165	19082	7.163	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.645	198	182	5.915	ng	# 1
67) 4-Bromophenyl-phenylether	10.645	248	6962	2.828	ng	# 1
74) Di-n-butylphthalate	11.922	149	29174	2.425	ng	98
75) Fluoranthene	12.563	202	33499	2.758	ng	95
84) Bis(2-ethylhexyl)phtha...	13.998	149	16408	2.014	ng	# 99
92) Benzo(g,h,i)perylene	17.445	276	7591	3.333	ng	# 89

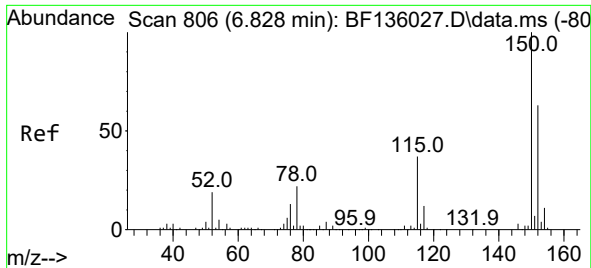
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
Data File : BF136135.D
Acq On : 03 Nov 2023 20:42
Operator : CG\JU
Sample : 05213-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-293

Quant Time: Nov 04 00:12:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 01:13:02 2023
Response via : Initial Calibration

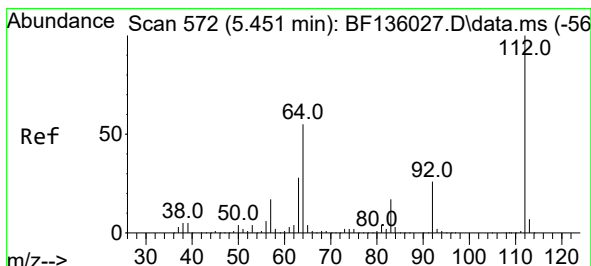
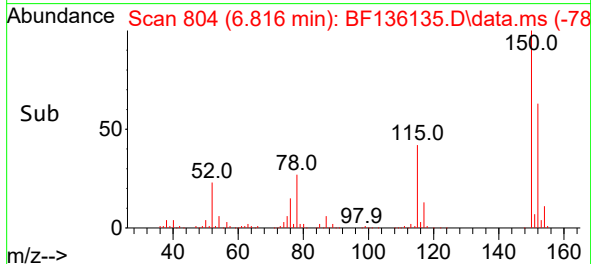
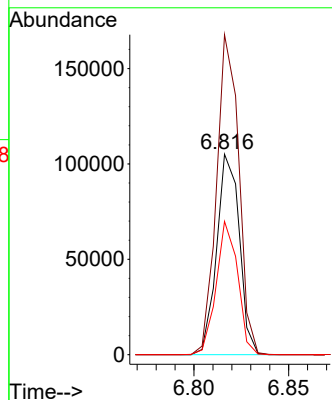
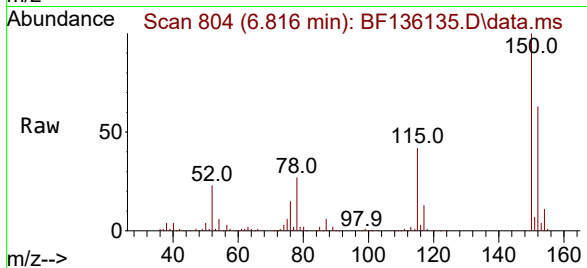




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136135.D
Acq: 03 Nov 2023 20:42

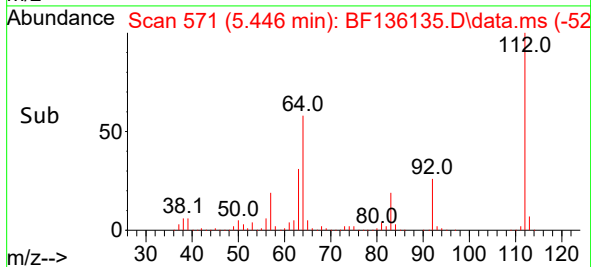
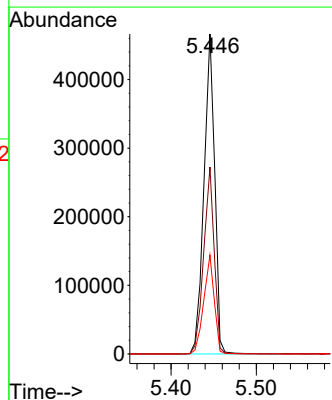
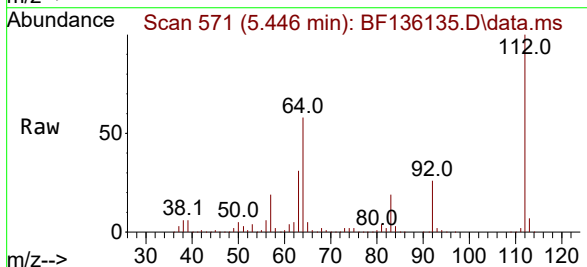
Instrument :
BNA_F
ClientSampleId :
ETGI-293

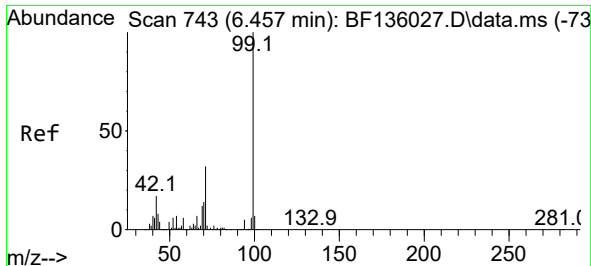
Tgt Ion:152 Resp: 87206
Ion Ratio Lower Upper
152 100
150 159.7 126.4 189.6
115 66.5 47.0 70.4



#5
2-Fluorophenol
Concen: 73.626 ng
RT: 5.446 min Scan# 571
Delta R.T. -0.006 min
Lab File: BF136135.D
Acq: 03 Nov 2023 20:42

Tgt Ion:112 Resp: 408590
Ion Ratio Lower Upper
112 100
64 58.4 43.9 65.9
63 30.9 22.4 33.6

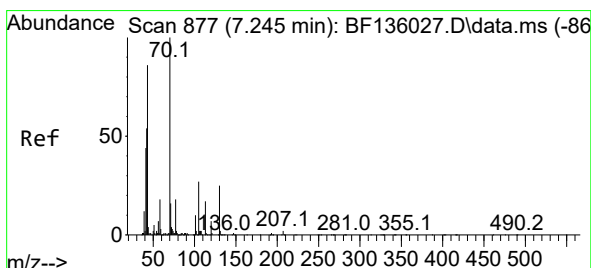
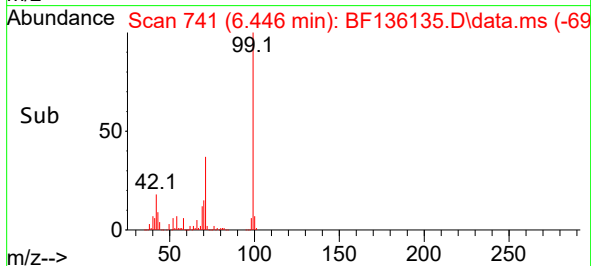
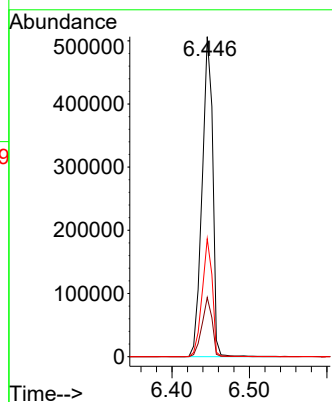
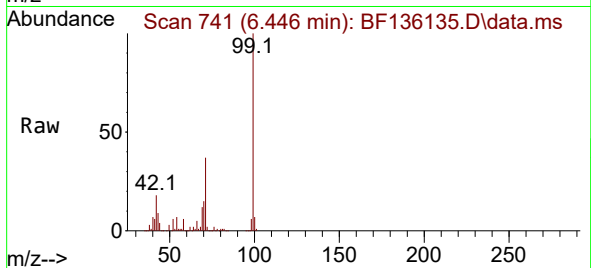




#7
Phenol-d6
Concen: 69.512 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF136135.D
Acq: 03 Nov 2023 20:42

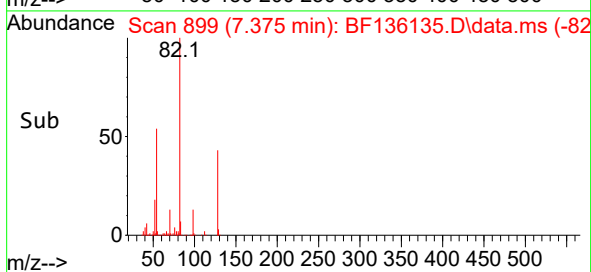
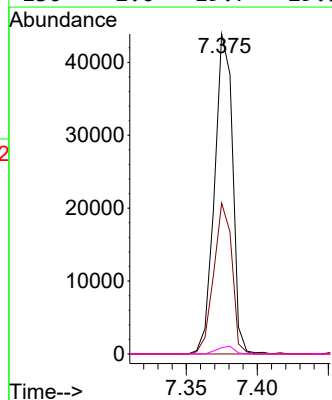
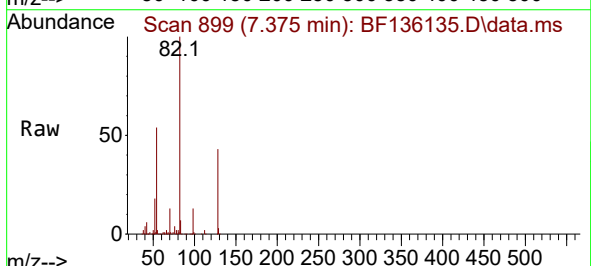
Instrument :
BNA_F
ClientSampleId :
ETGI-293

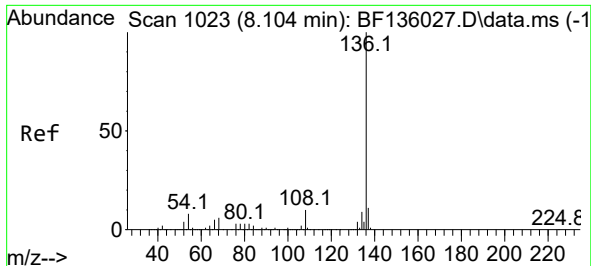
Tgt Ion: 99 Resp: 480631
Ion Ratio Lower Upper
99 100
42 18.5 13.7 20.5
71 36.9 25.9 38.9



#19
n-Nitroso-di-n-propylamine
Concen: 9.844 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.130 min
Lab File: BF136135.D
Acq: 03 Nov 2023 20:42

Tgt Ion: 70 Resp: 38892
Ion Ratio Lower Upper
70 100
42 47.1 43.0 64.4
101 0.0 8.0 12.0#
130 2.0 19.7 29.5#

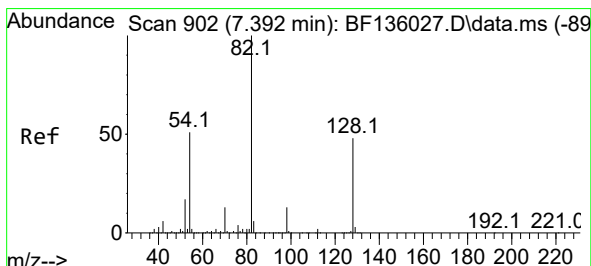
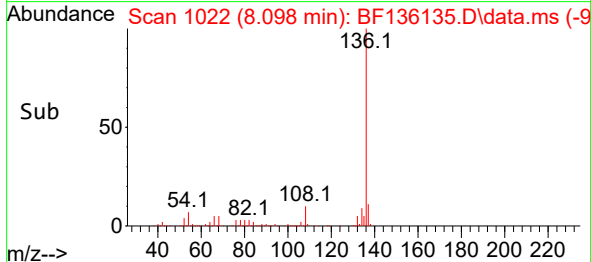
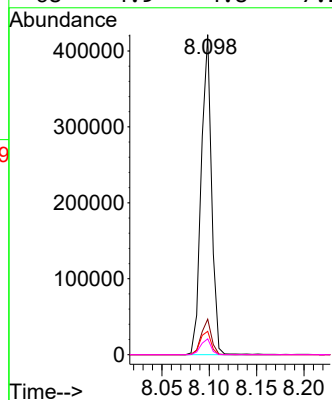
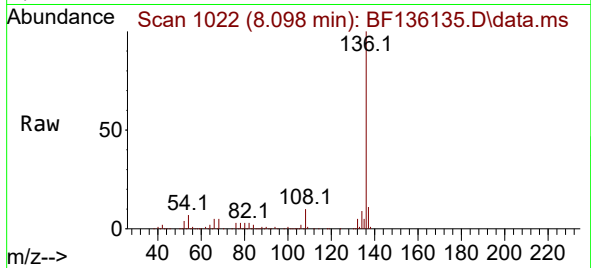




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136135.D
Acq: 03 Nov 2023 20:42

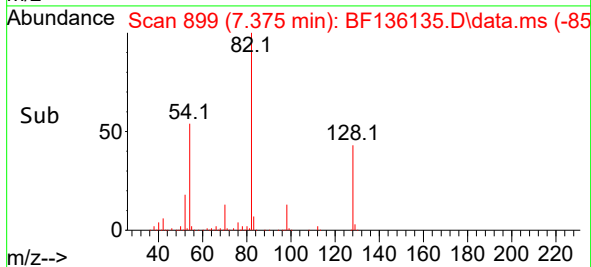
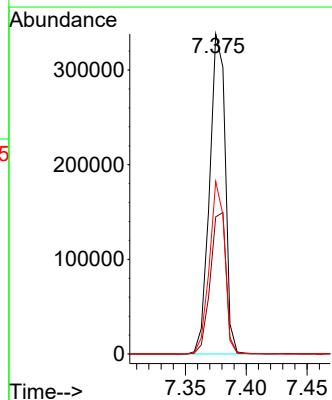
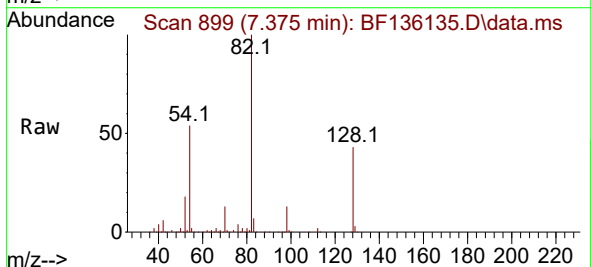
Instrument :
BNA_F
ClientSampleId :
ETGI-293

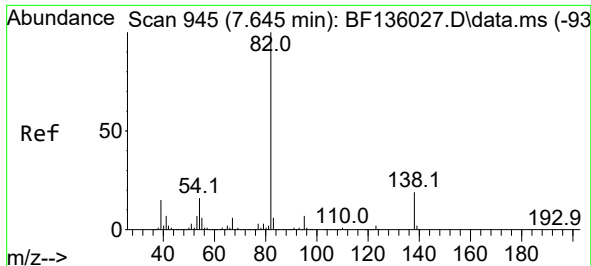
Tgt Ion:136 Resp: 321864
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.3 6.6 9.8
68 4.9 4.8 7.2



#23
Nitrobenzene-d5
Concen: 56.698 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.017 min
Lab File: BF136135.D
Acq: 03 Nov 2023 20:42

Tgt Ion: 82 Resp: 302724
Ion Ratio Lower Upper
82 100
128 42.8 38.6 57.8
54 53.9 40.8 61.2

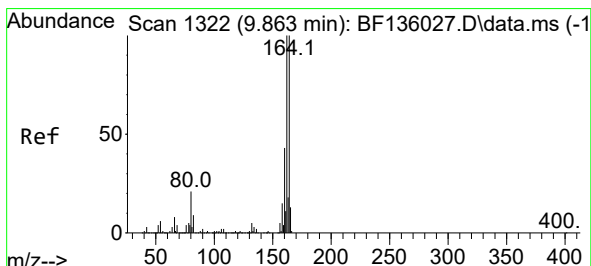
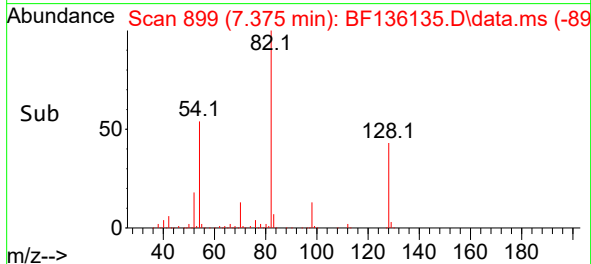
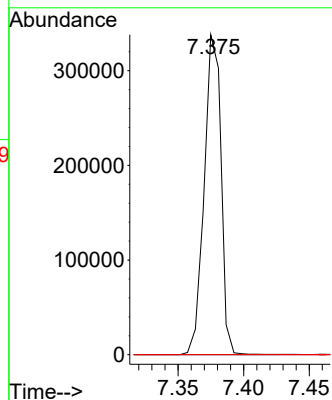
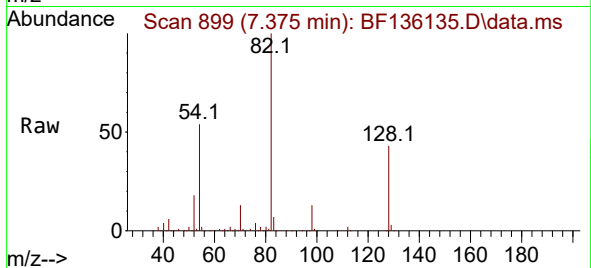




#25
Isophorone
Concen: 30.032 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.270 min
Lab File: BF136135.D
Acq: 03 Nov 2023 20:42

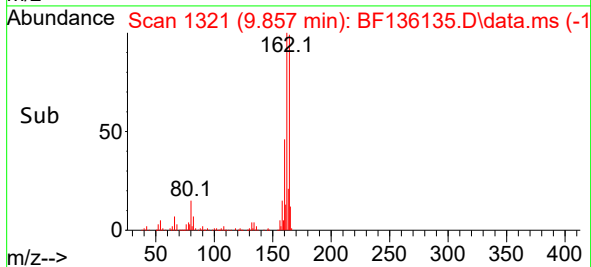
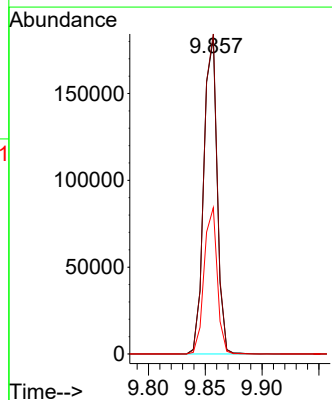
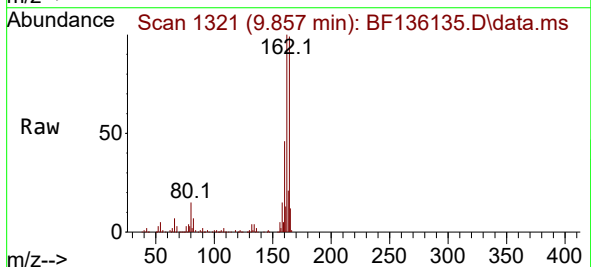
Instrument :
BNA_F
ClientSampleId :
ETGI-293

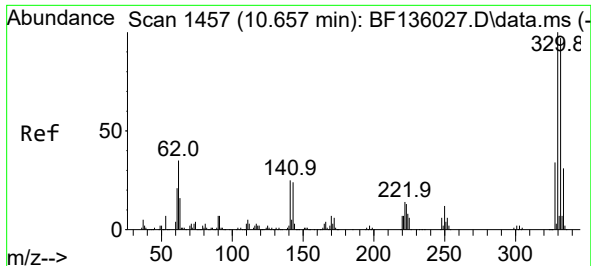
Tgt Ion: 82 Resp: 302719
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136135.D
Acq: 03 Nov 2023 20:42

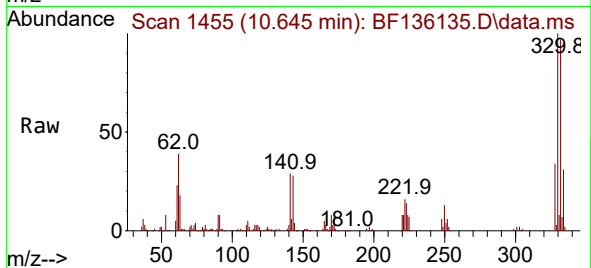
Tgt Ion:164 Resp: 149249
Ion Ratio Lower Upper
164 100
162 101.4 80.1 120.1
160 46.3 34.8 52.2



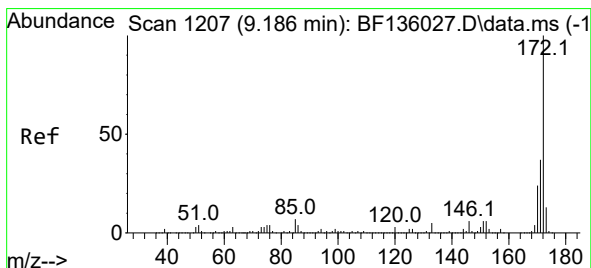
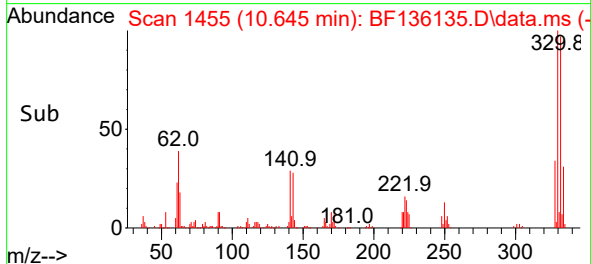
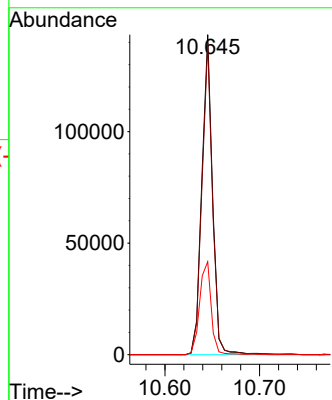


#42
2,4,6-Tribromophenol
Concen: 70.902 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BF136135.D
Acq: 03 Nov 2023 20:42

Instrument :
BNA_F
ClientSampleId :
ETGI-293

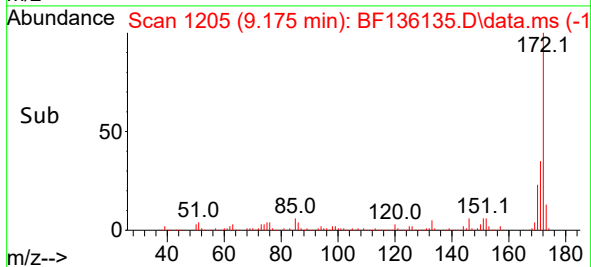
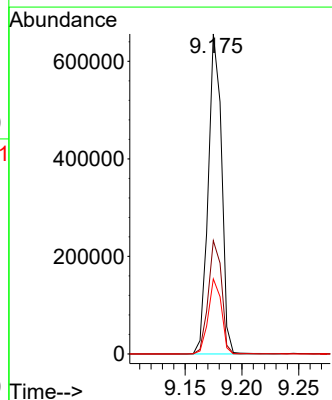
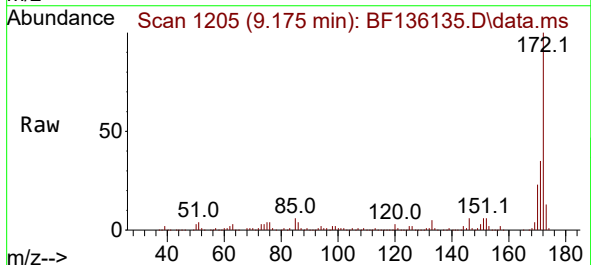


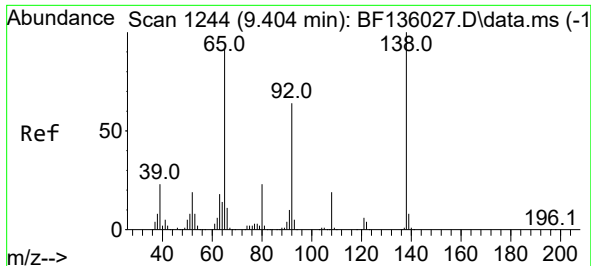
Tgt Ion:330 Resp: 112950
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 31.4 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 57.063 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.011 min
Lab File: BF136135.D
Acq: 03 Nov 2023 20:42

Tgt Ion:172 Resp: 534257
Ion Ratio Lower Upper
172 100
171 35.4 29.4 44.0
170 23.4 19.3 28.9





#48

2-Nitroaniline

Concen: 3.796 ng

RT: 9.298 min Scan# 11

Delta R.T. -0.106 min

Lab File: BF136135.D

Acq: 03 Nov 2023 20:42

Instrument :

BNA_F

ClientSampleId :

ETGI-293

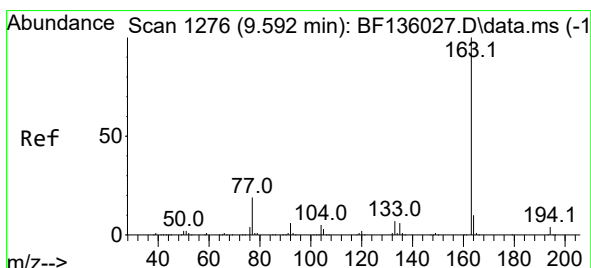
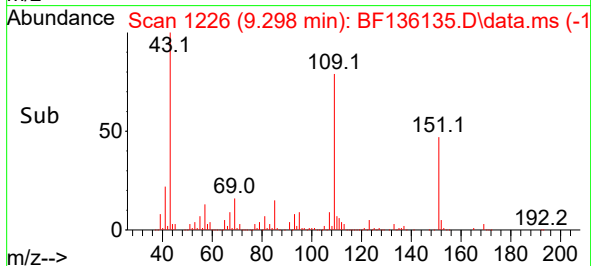
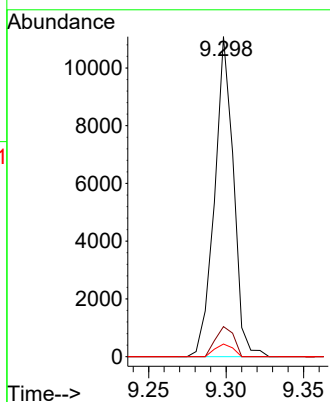
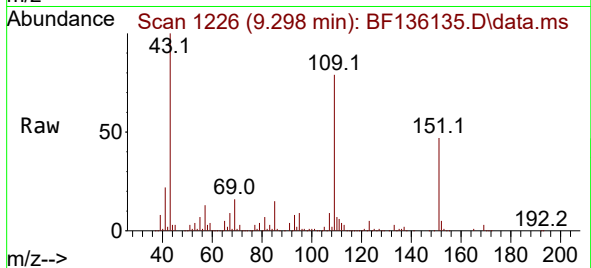
Tgt Ion: 65 Resp: 9422

Ion Ratio Lower Upper

65 100

92 9.4 55.7 83.5#

138 3.9 86.8 130.2#



#50

Dimethylphthalate

Concen: 3.104 ng

RT: 9.857 min Scan# 1321

Delta R.T. 0.265 min

Lab File: BF136135.D

Acq: 03 Nov 2023 20:42

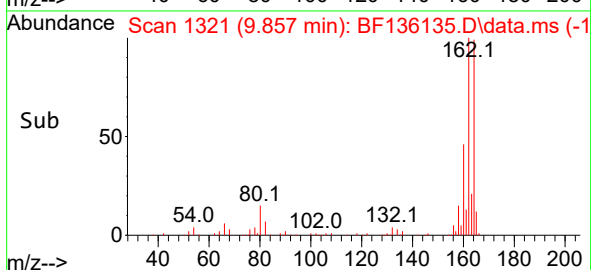
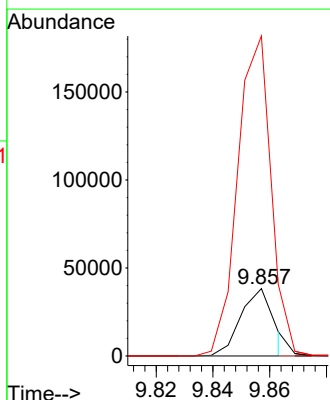
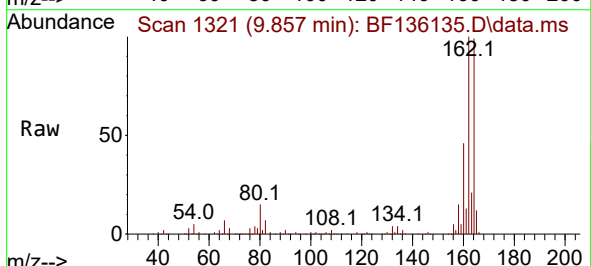
Tgt Ion: 163 Resp: 30554

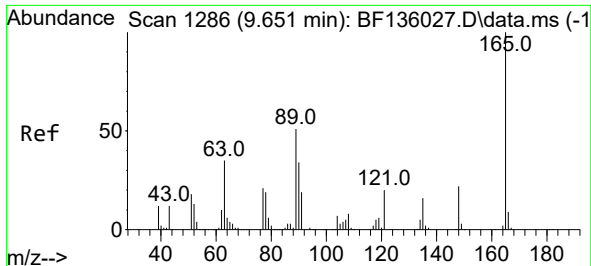
Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 475.1 8.1 12.1#

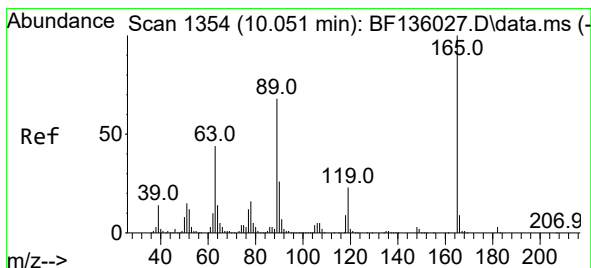
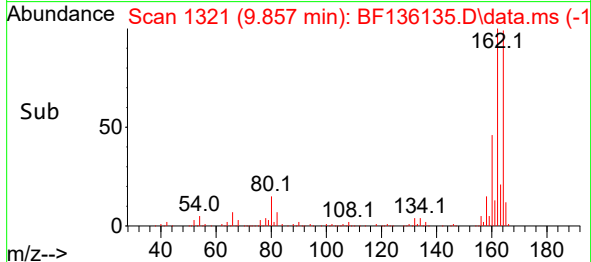
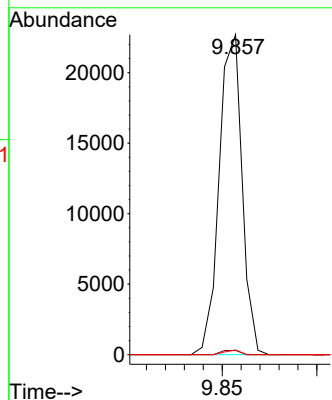
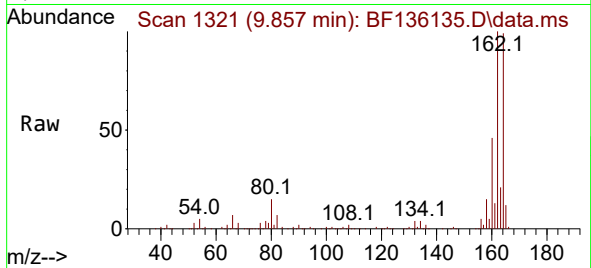




#51
2,6-Dinitrotoluene
Concen: 9.063 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF136135.D
Acq: 03 Nov 2023 20:42

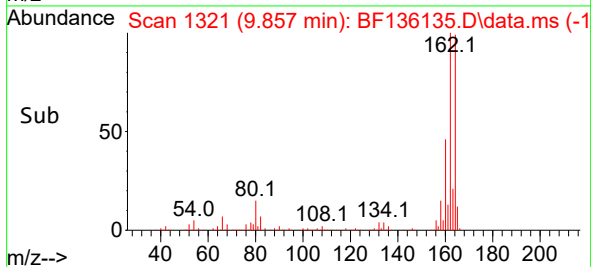
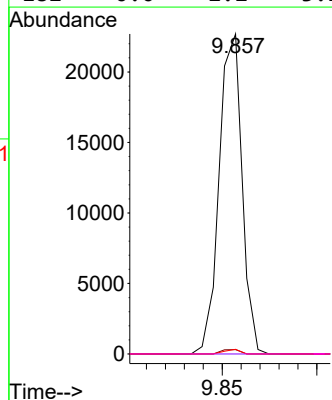
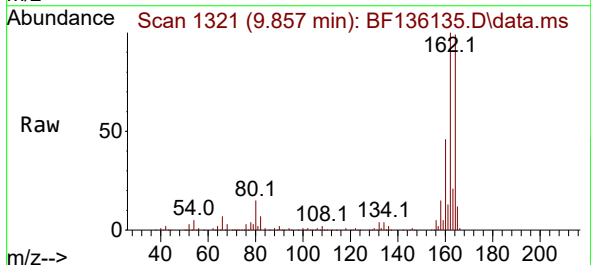
Instrument :
BNA_F
ClientSampleId :
ETGI-293

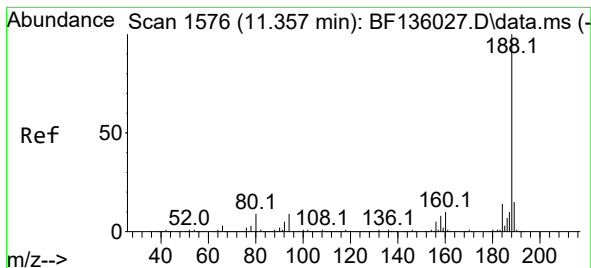
Tgt Ion:165 Resp: 19082
Ion Ratio Lower Upper
165 100
63 1.3 40.8 61.2#
89 1.4 41.1 61.7#



#57
2,4-Dinitrotoluene
Concen: 7.163 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF136135.D
Acq: 03 Nov 2023 20:42

Tgt Ion:165 Resp: 19082
Ion Ratio Lower Upper
165 100
63 1.3 35.2 52.8#
89 1.4 54.8 82.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136135.D

Acq: 03 Nov 2023 20:42

Instrument :

BNA_F

ClientSampleId :

ETGI-293

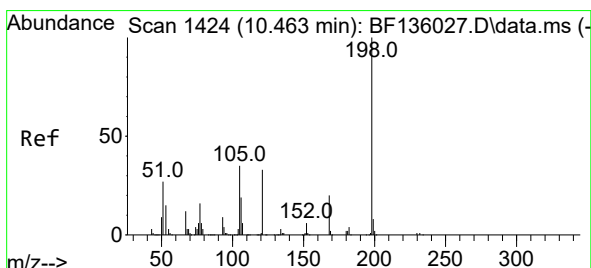
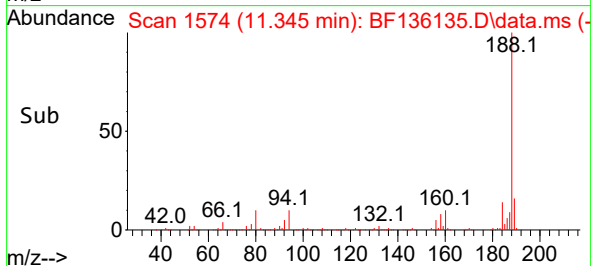
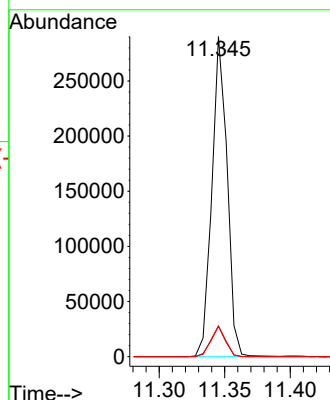
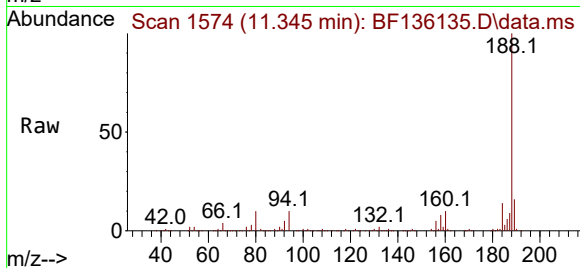
Tgt Ion:188 Resp: 234824

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

80 9.6 7.4 11.0



#65

4,6-Dinitro-2-methylphenol

Concen: 5.915 ng

RT: 10.645 min Scan# 1455

Delta R.T. 0.182 min

Lab File: BF136135.D

Acq: 03 Nov 2023 20:42

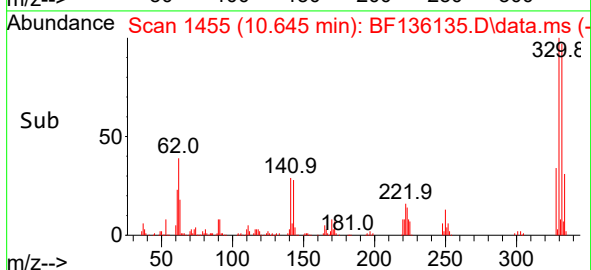
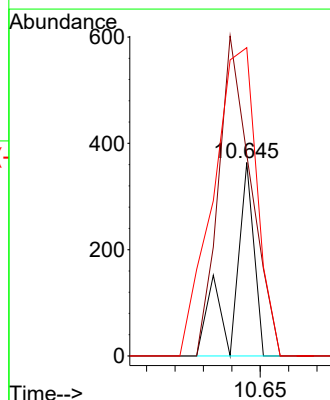
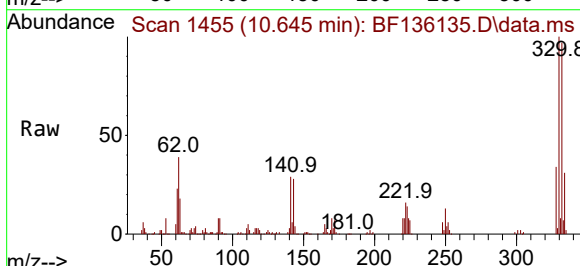
Tgt Ion:198 Resp: 182

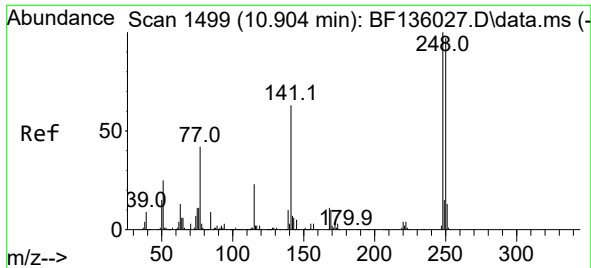
Ion Ratio Lower Upper

198 100

51 104.1 12.9 52.9#

105 159.3 16.0 56.0#

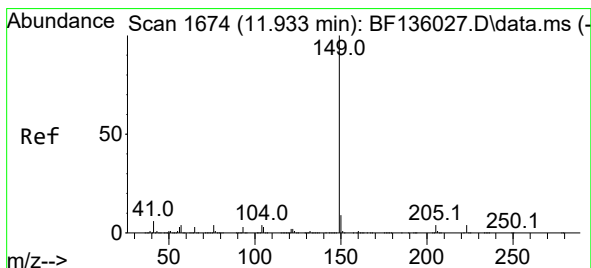
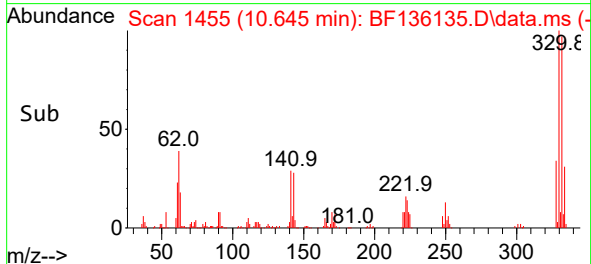
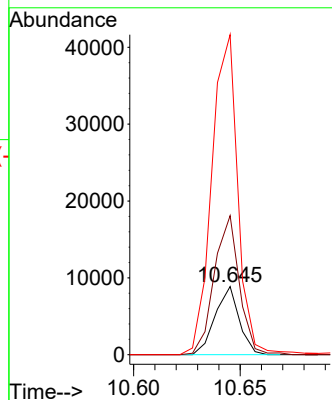
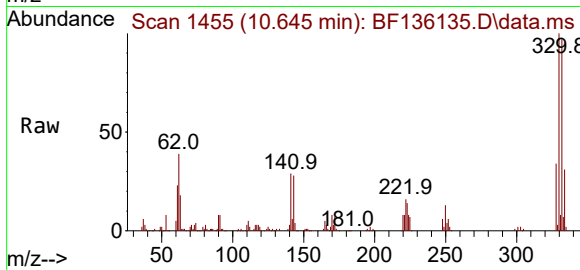




#67
4-Bromophenyl-phenylether
Concen: 2.828 ng
RT: 10.645 min Scan# 1499
Delta R.T. -0.259 min
Lab File: BF136135.D
Acq: 03 Nov 2023 20:42

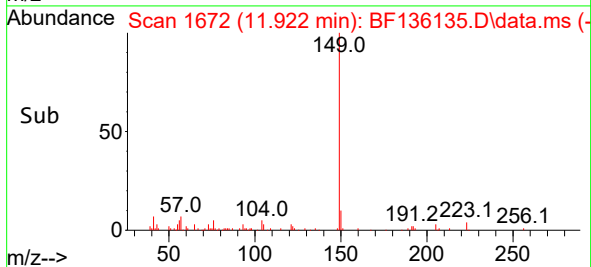
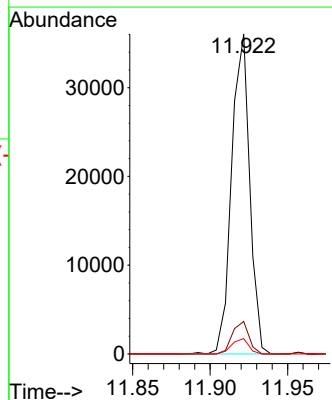
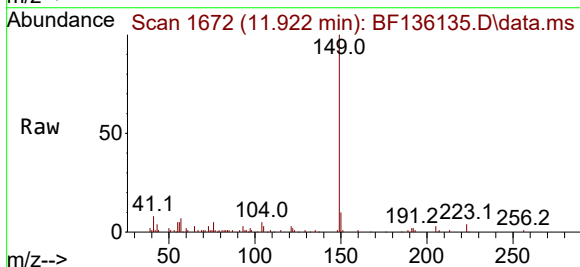
Instrument :
BNA_F
ClientSampleId :
ETGI-293

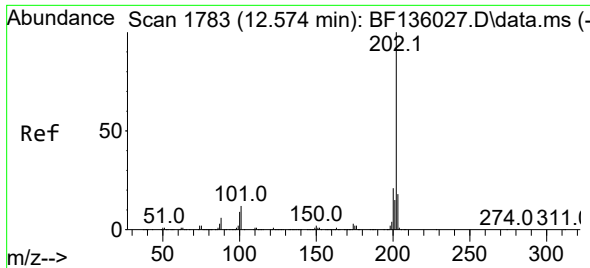
Tgt Ion:248 Resp: 6962
Ion Ratio Lower Upper
248 100
250 203.8 77.6 116.4#
141 469.1 50.4 75.6#



#74
Di-n-butylphthalate
Concen: 2.425 ng
RT: 11.922 min Scan# 1672
Delta R.T. -0.012 min
Lab File: BF136135.D
Acq: 03 Nov 2023 20:42

Tgt Ion:149 Resp: 29174
Ion Ratio Lower Upper
149 100
150 10.2 7.3 10.9
104 4.8 3.6 5.4

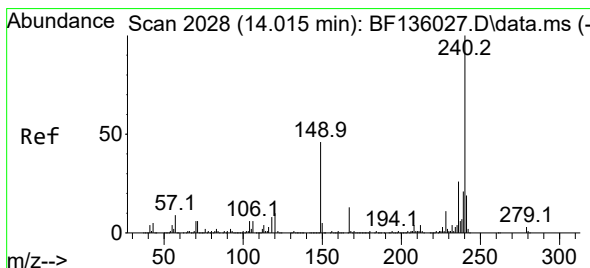
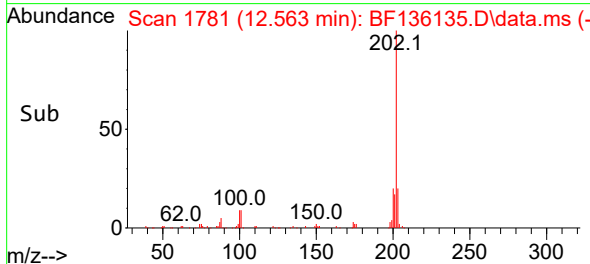
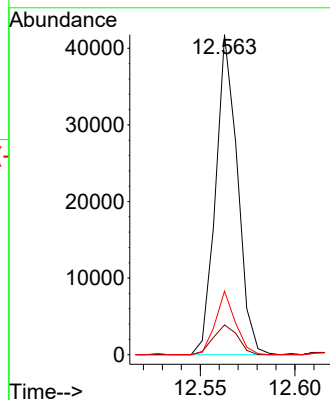
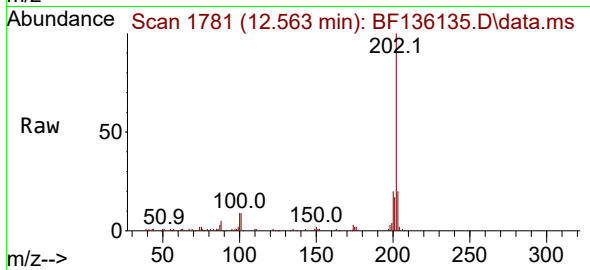




#75
Fluoranthene
Concen: 2.758 ng
RT: 12.563 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136135.D
Acq: 03 Nov 2023 20:42

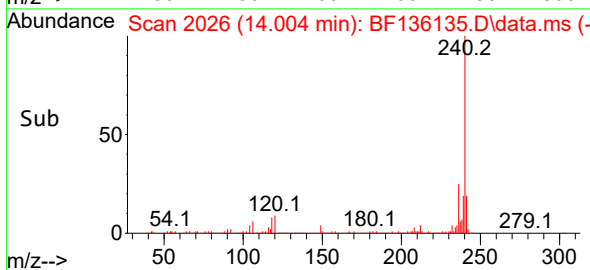
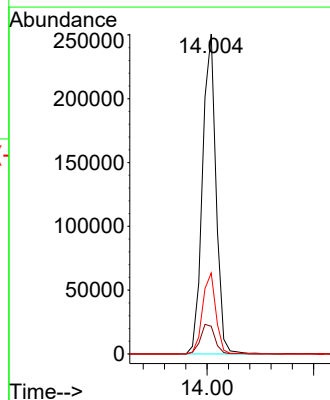
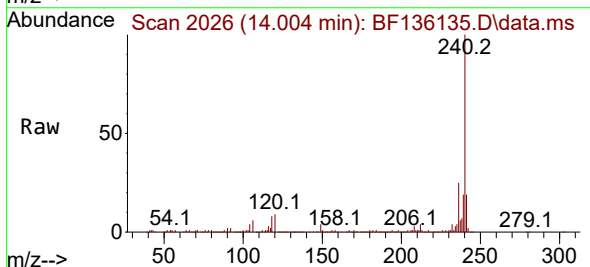
Instrument :
BNA_F
ClientSampleId :
ETGI-293

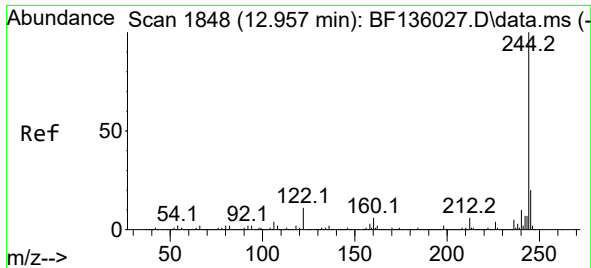
Tgt Ion:202 Resp: 33499
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.8
203 19.9 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF136135.D
Acq: 03 Nov 2023 20:42

Tgt Ion:240 Resp: 221590
Ion Ratio Lower Upper
240 100
120 8.6 7.6 11.4
236 25.3 20.6 31.0

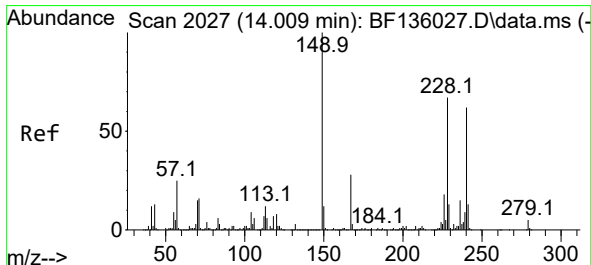
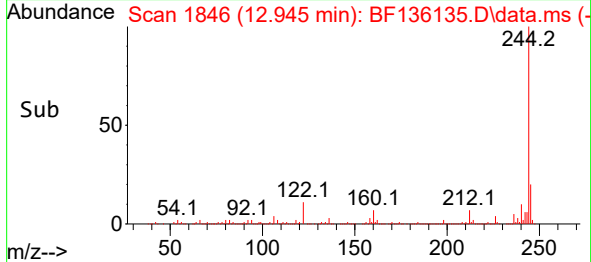
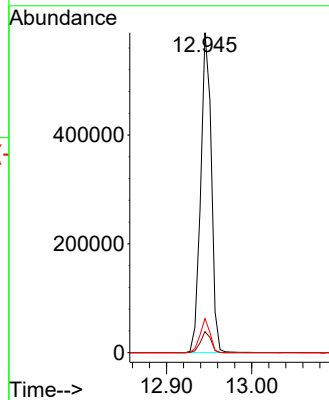
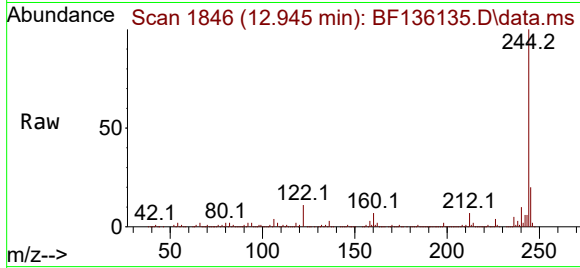




#79
 Terphenyl-d14
 Concen: 35.894 ng
 RT: 12.945 min Scan# 11
 Delta R.T. -0.011 min
 Lab File: BF136135.D
 Acq: 03 Nov 2023 20:42

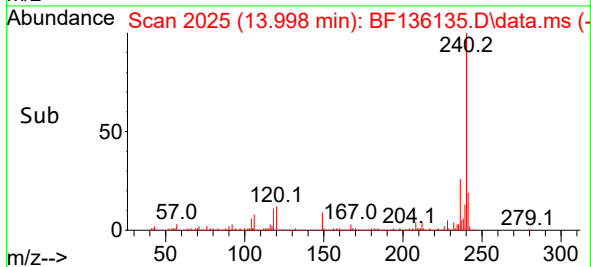
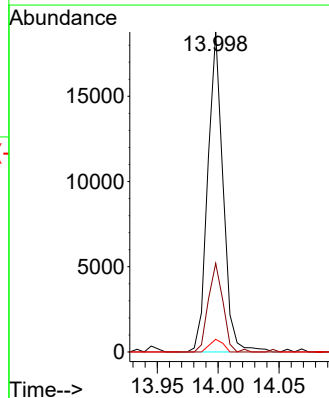
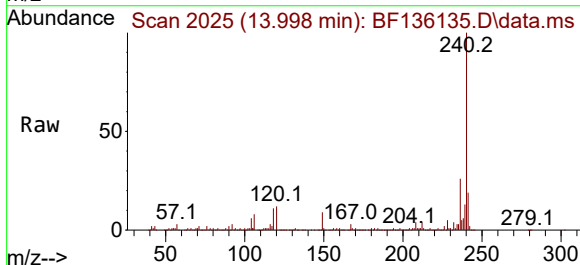
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-293

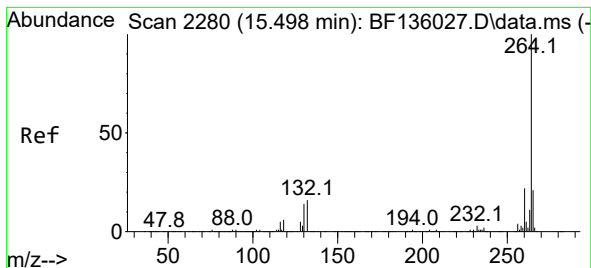
Tgt Ion:244 Resp: 511818
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 10.6 8.6 12.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.014 ng
 RT: 13.998 min Scan# 2025
 Delta R.T. -0.012 min
 Lab File: BF136135.D
 Acq: 03 Nov 2023 20:42

Tgt Ion:149 Resp: 16408
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.6 33.8
 279 3.9 4.1 6.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136135.D

Acq: 03 Nov 2023 20:42

Instrument :

BNA_F

ClientSampleId :

ETGI-293

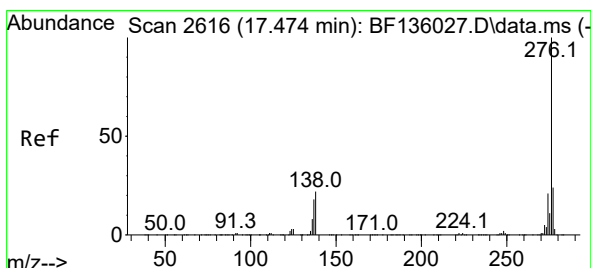
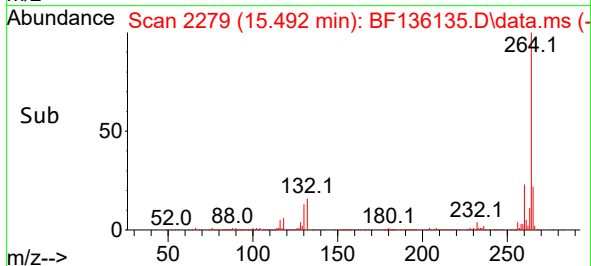
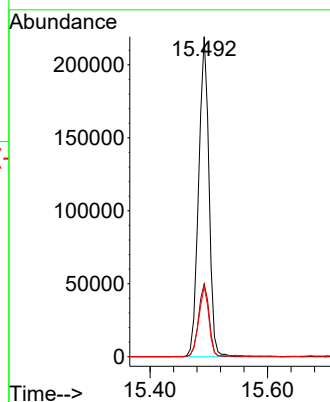
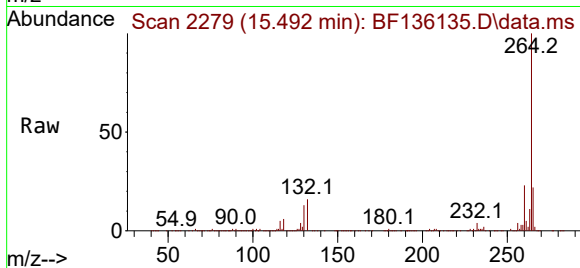
Tgt Ion:264 Resp: 267254

Ion Ratio Lower Upper

264 100

260 22.8 17.9 26.9

265 21.8 16.8 25.2



#92

Benzo(g,h,i)perylene

Concen: 3.333 ng

RT: 17.445 min Scan# 2611

Delta R.T. -0.029 min

Lab File: BF136135.D

Acq: 03 Nov 2023 20:42

Tgt Ion:276 Resp: 7591

Ion Ratio Lower Upper

276 100

277 28.0 19.0 28.4

138 28.3 17.4 26.2#

