

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
 Data File : BF136235.D
 Acq On : 27 Nov 2023 22:06
 Operator : CG\JU
 Sample : 05516-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-343

Quant Time: Nov 28 04:13:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

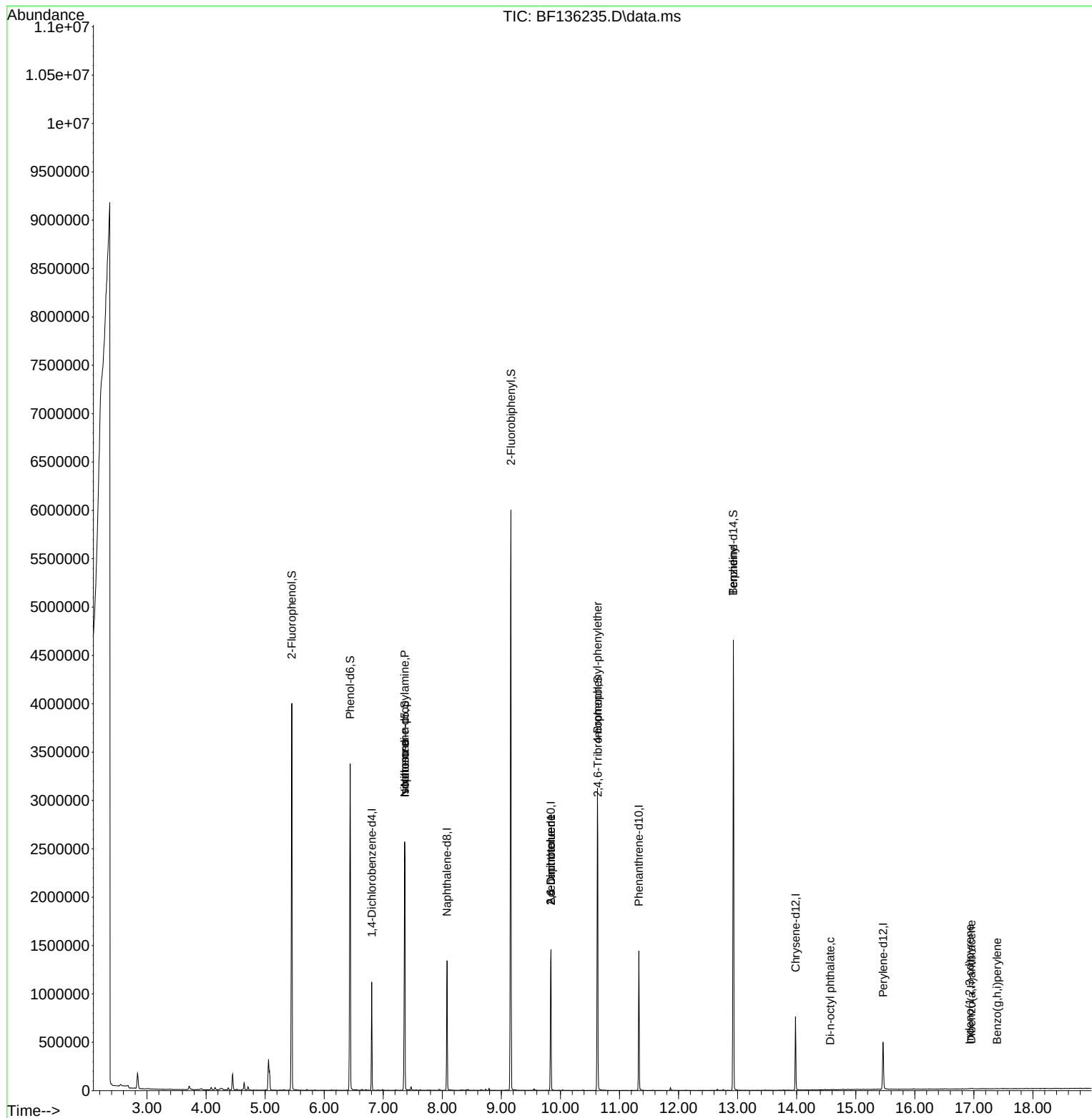
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	136304	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	570906	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	284876	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	486611	20.000	ng	0.00
76) Chrysene-d12	13.980	240	236591	20.000	ng	-0.01
86) Perylene-d12	15.462	264	232692	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1109596	113.305	ng	0.01
7) Phenol-d6	6.439	99	1251824	102.233	ng	0.00
23) Nitrobenzene-d5	7.363	82	923821	85.509	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	429760	123.393	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1905134	85.421	ng	0.00
79) Terphenyl-d14	12.927	244	1699011	82.834	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	122041	16.664	ng	# 75
25) Isophorone	7.363	82	923804	47.421	ng	# 68
51) 2,6-Dinitrotoluene	9.839	165	34693	7.887	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	34693	5.905	ng	# 28
67) 4-Bromophenyl-phenylether	10.627	248	23880	4.206	ng	# 1
77) Benzidine	12.927	184	19118	4.916	ng	# 91
85) Di-n-octyl phthalate	14.568	149	469	5.189	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.927	276	2852	2.834	ng	# 83
91) Dibenzo(a,h)anthracene	16.956	278	3405	2.944	ng	# 88
92) Benzo(g,h,i)perylene	17.392	276	2754	2.090	ng	# 90

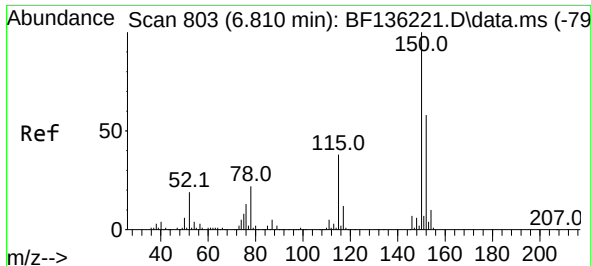
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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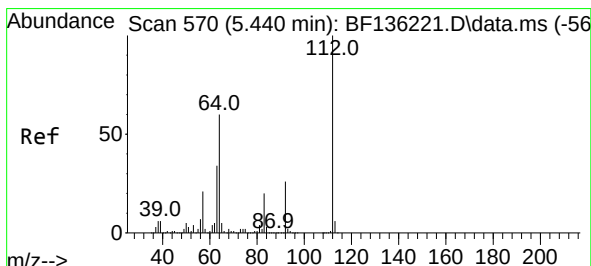
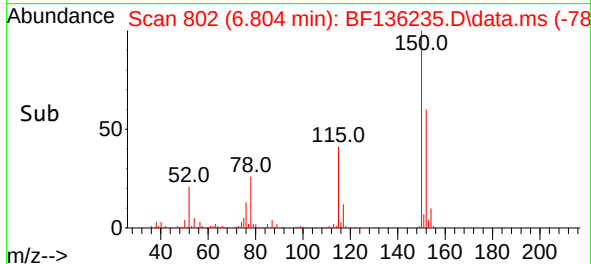
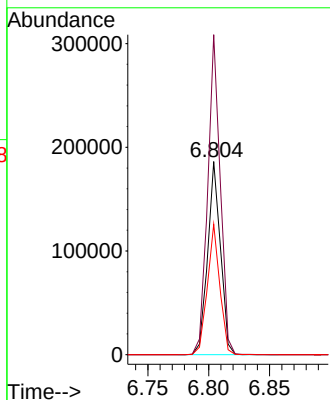
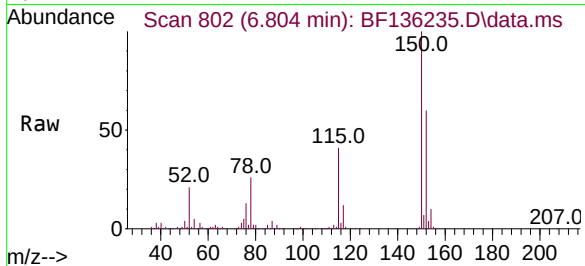




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136235.D
Acq: 27 Nov 2023 22:06

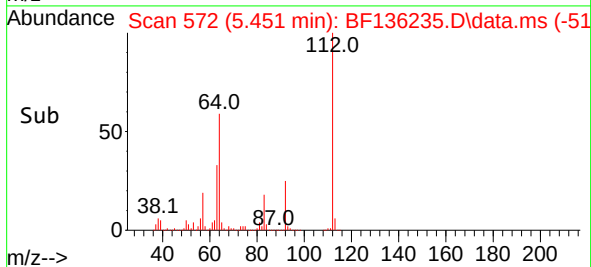
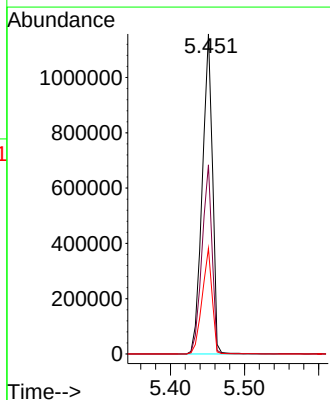
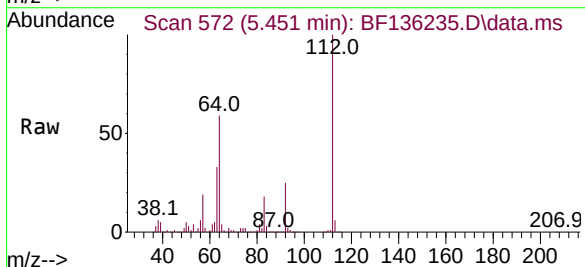
Instrument :
BNA_F
ClientSampleId :
ETGI-343

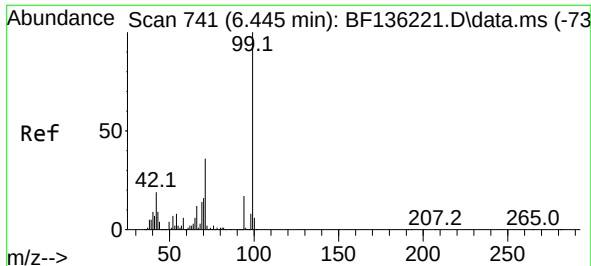
Tgt Ion:152 Resp: 136304
Ion Ratio Lower Upper
152 100
150 165.6 137.8 206.8
115 67.5 52.7 79.1



#5
2-Fluorophenol
Concen: 113.305 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136235.D
Acq: 27 Nov 2023 22:06

Tgt Ion:112 Resp: 1109596
Ion Ratio Lower Upper
112 100
64 59.1 48.2 72.4
63 33.0 27.0 40.6

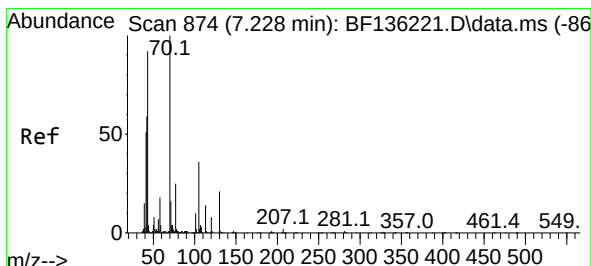
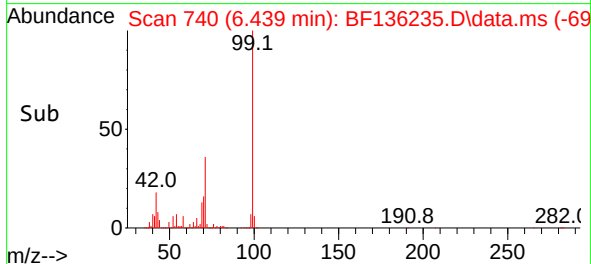
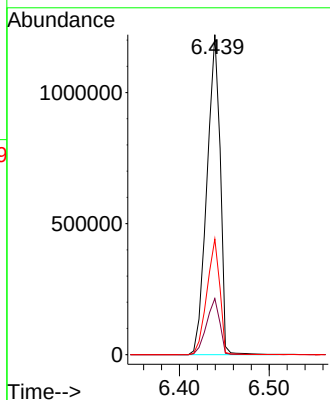
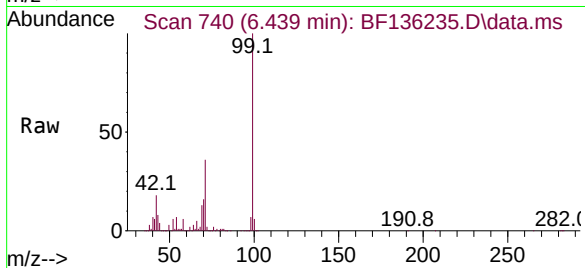




#7
Phenol-d6
Concen: 102.233 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136235.D
Acq: 27 Nov 2023 22:06

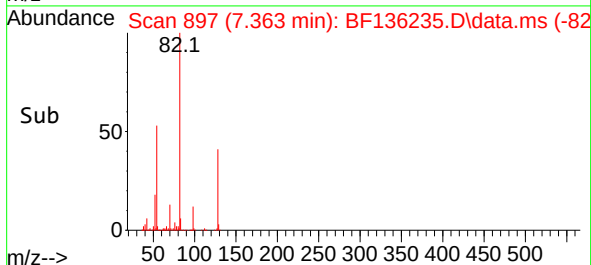
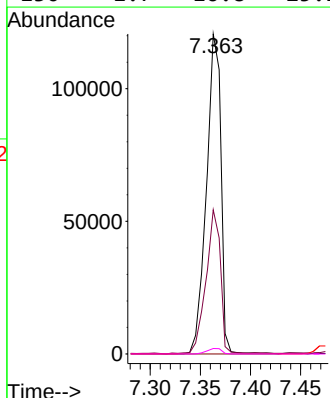
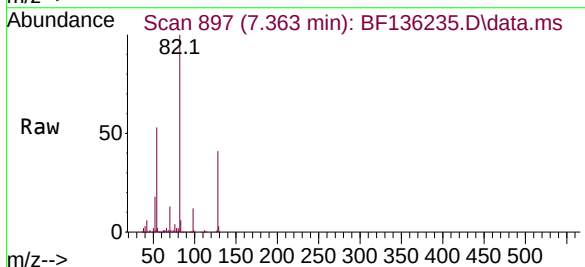
Instrument :
BNA_F
ClientSampleId :
ETGI-343

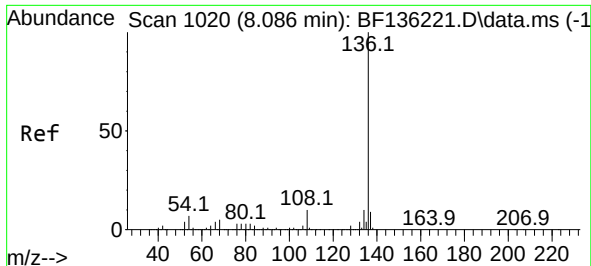
Tgt Ion: 99 Resp: 1251824
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.6
71 36.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.664 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF136235.D
Acq: 27 Nov 2023 22:06

Tgt Ion: 70 Resp: 122041
Ion Ratio Lower Upper
70 100
42 45.1 47.0 70.4#
101 0.0 7.8 11.8#
130 1.7 16.8 25.2#

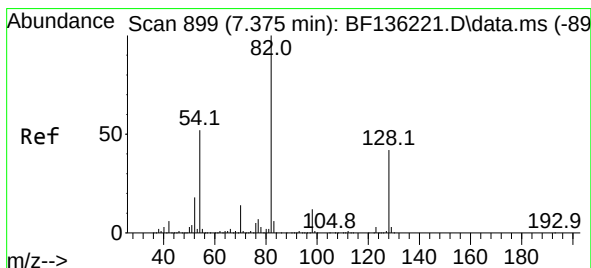
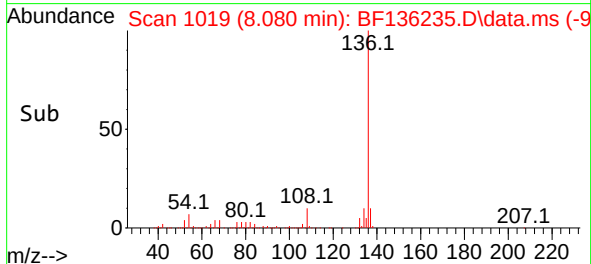
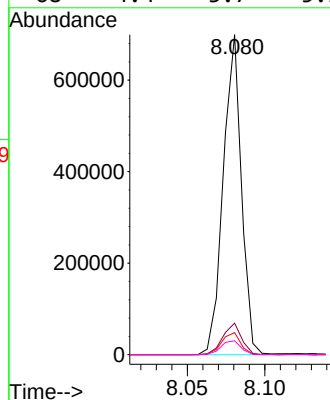
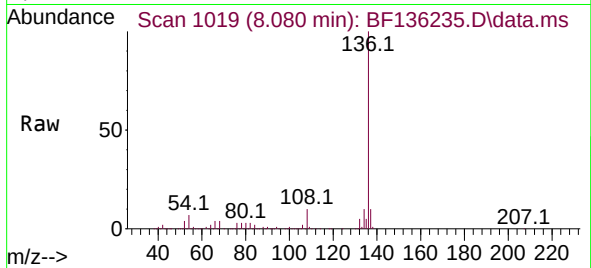




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136235.D
Acq: 27 Nov 2023 22:06

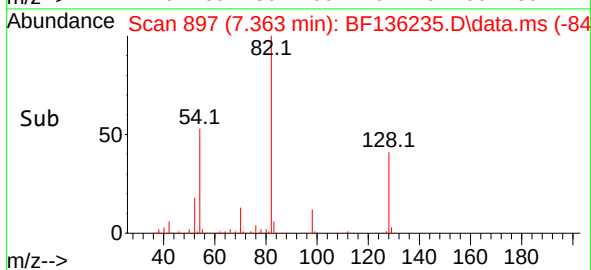
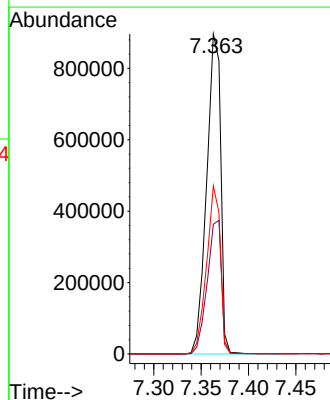
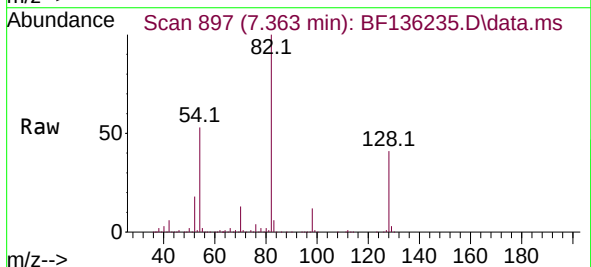
Instrument :
BNA_F
ClientSampleId :
ETGI-343

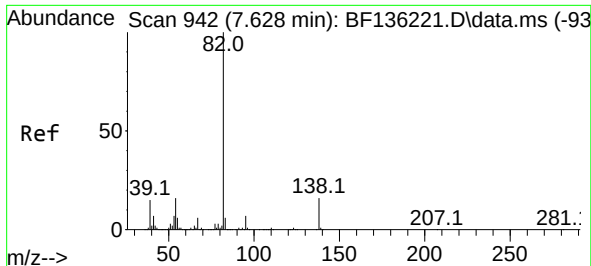
Tgt Ion:136 Resp: 570906
Ion Ratio Lower Upper
136 100
137 9.8 7.4 11.2
54 6.9 5.5 8.3
68 4.4 3.7 5.5



#23
Nitrobenzene-d5
Concen: 85.509 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136235.D
Acq: 27 Nov 2023 22:06

Tgt Ion: 82 Resp: 923821
Ion Ratio Lower Upper
82 100
128 40.5 33.4 50.2
54 52.6 41.7 62.5

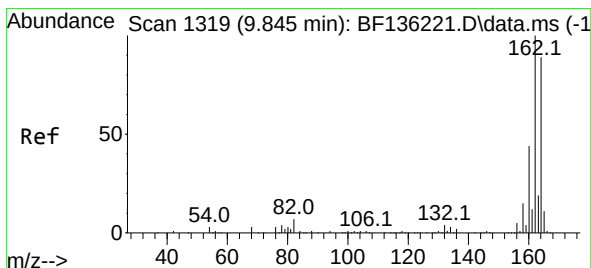
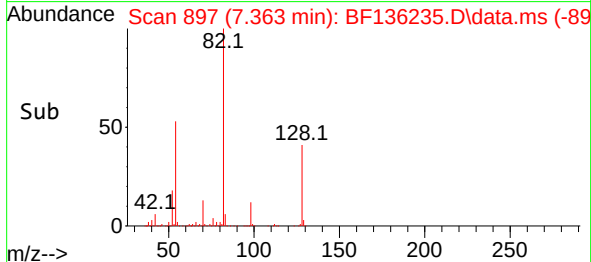
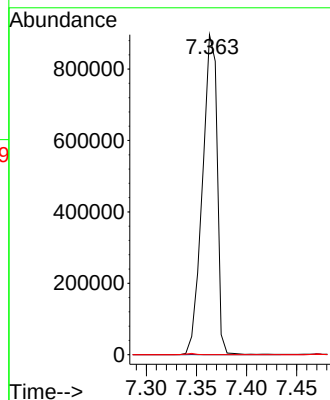
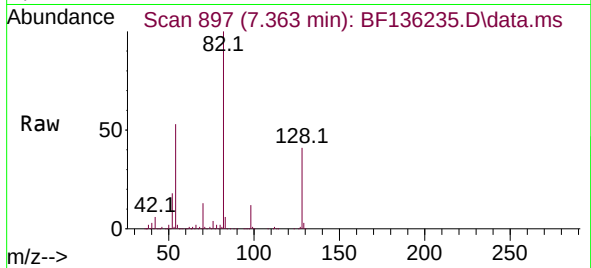




#25
Isophorone
Concen: 47.421 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF136235.D
Acq: 27 Nov 2023 22:06

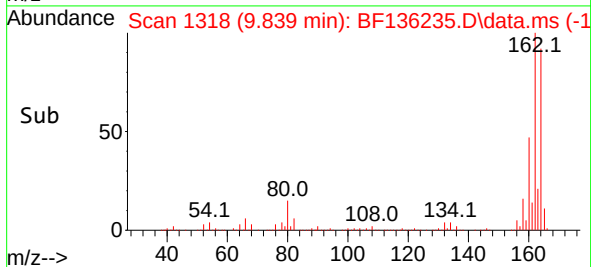
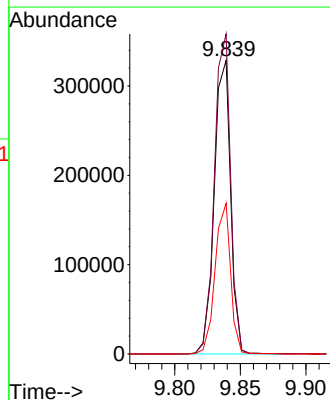
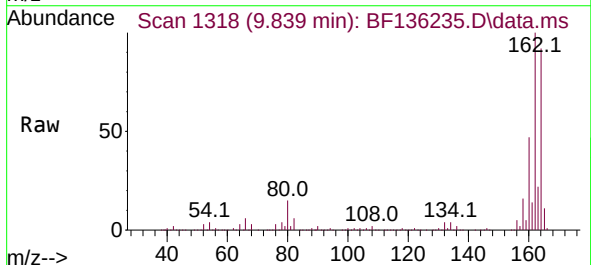
Instrument :
BNA_F
ClientSampleId :
ETGI-343

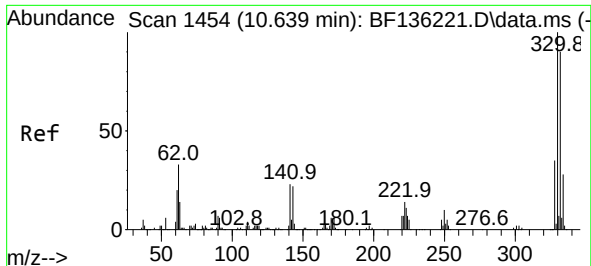
Tgt Ion: 82 Resp: 923804
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136235.D
Acq: 27 Nov 2023 22:06

Tgt Ion:164 Resp: 284876
Ion Ratio Lower Upper
164 100
162 109.0 89.5 134.3
160 51.4 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 123.393 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136235.D

Acq: 27 Nov 2023 22:06

Instrument :

BNA_F

ClientSampleId :

ETGI-343

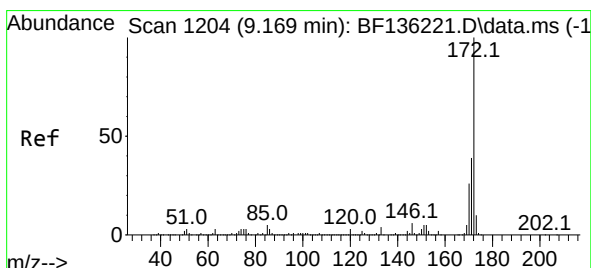
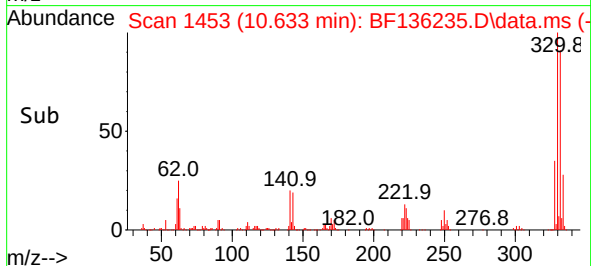
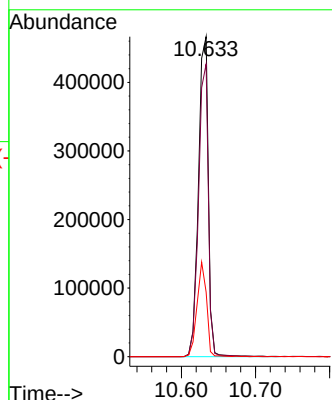
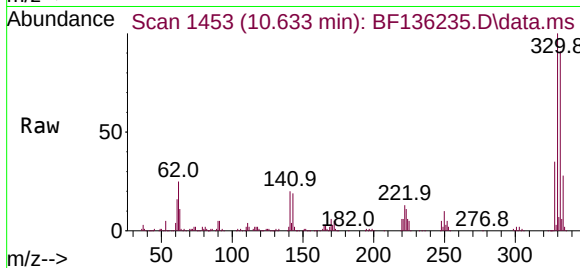
Tgt Ion:330 Resp: 429760

Ion Ratio Lower Upper

330 100

332 91.1 73.0 109.6

141 28.5 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 85.421 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136235.D

Acq: 27 Nov 2023 22:06

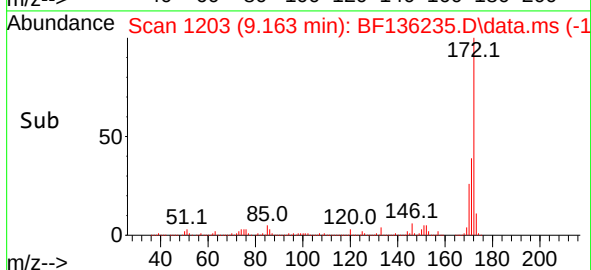
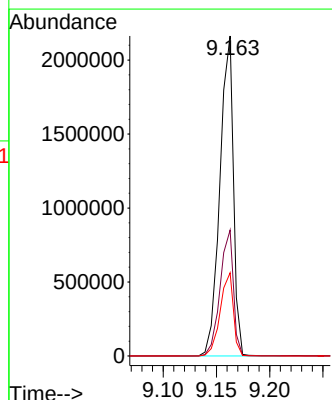
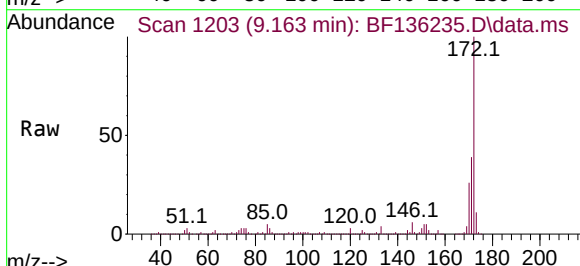
Tgt Ion:172 Resp: 1905134

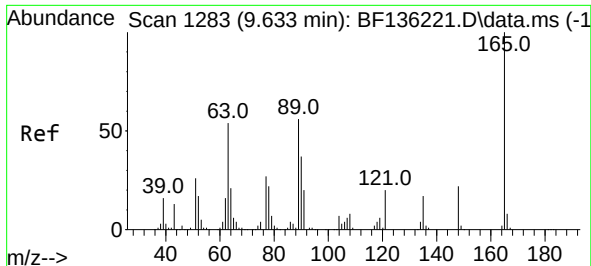
Ion Ratio Lower Upper

172 100

171 39.4 31.5 47.3

170 26.0 20.8 31.2





#51

2,6-Dinitrotoluene

Concen: 7.887 ng

RT: 9.839 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF136235.D

Acq: 27 Nov 2023 22:06

Instrument :

BNA_F

ClientSampleId :

ETGI-343

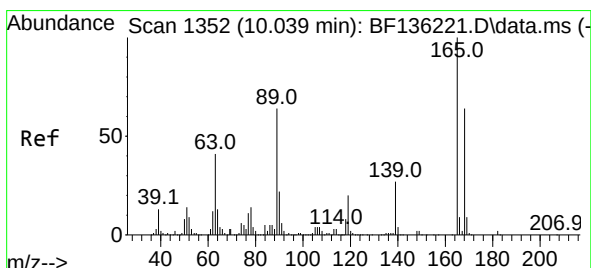
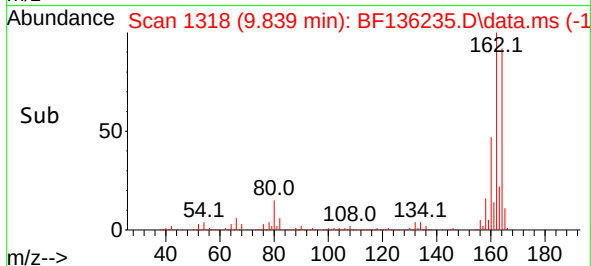
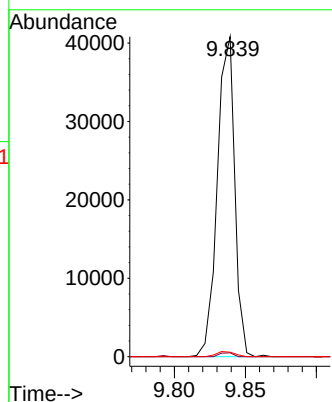
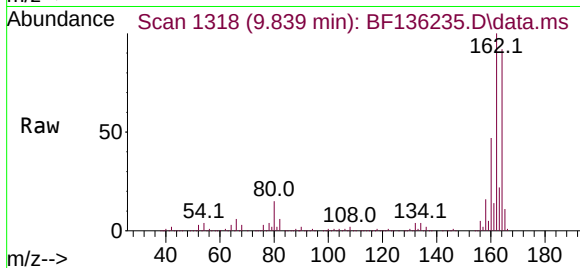
Tgt Ion:165 Resp: 34693

Ion Ratio Lower Upper

165 100

63 1.2 46.2 69.2#

89 1.4 44.9 67.3#



#57

2,4-Dinitrotoluene

Concen: 5.905 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.200 min

Lab File: BF136235.D

Acq: 27 Nov 2023 22:06

Tgt Ion:165 Resp: 34693

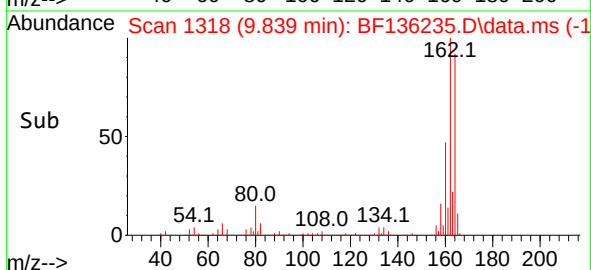
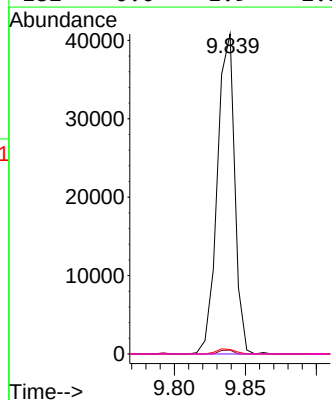
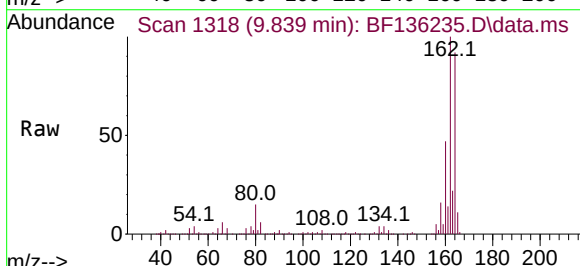
Ion Ratio Lower Upper

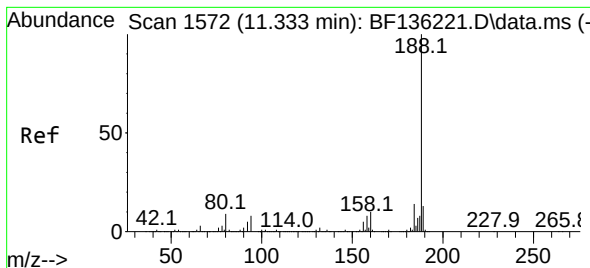
165 100

63 1.2 33.0 49.4#

89 1.4 51.5 77.3#

182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136235.D

Acq: 27 Nov 2023 22:06

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ETGI-343

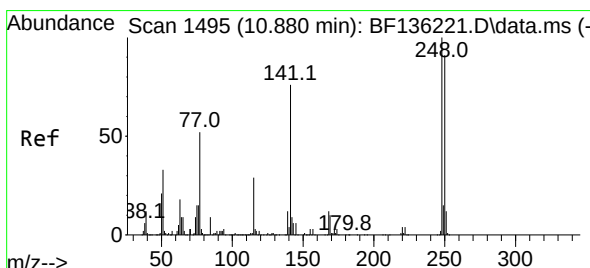
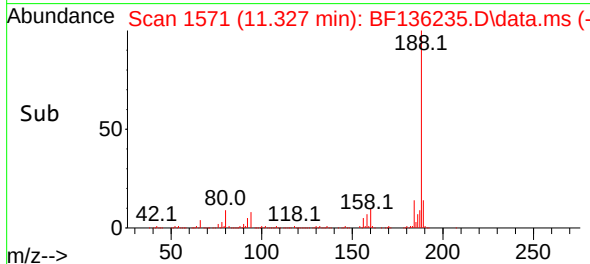
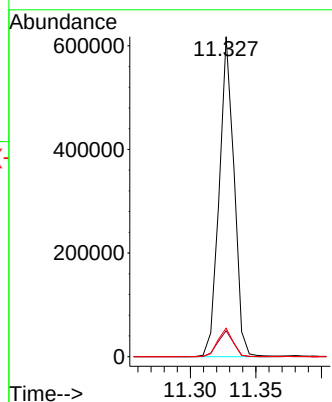
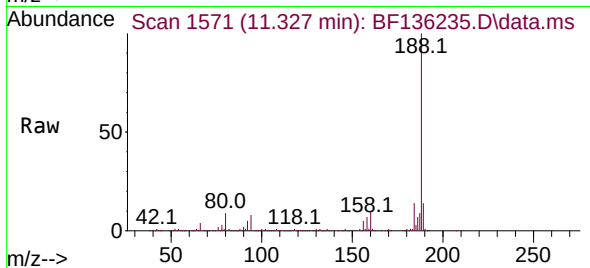
Tgt Ion:188 Resp: 486611

Ion Ratio Lower Upper

188 100

94 8.1 6.7 10.1

80 8.9 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 4.206 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.253 min

Lab File: BF136235.D

Acq: 27 Nov 2023 22:06

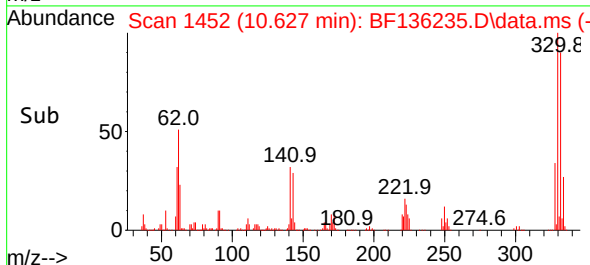
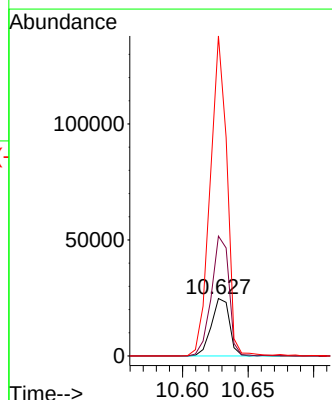
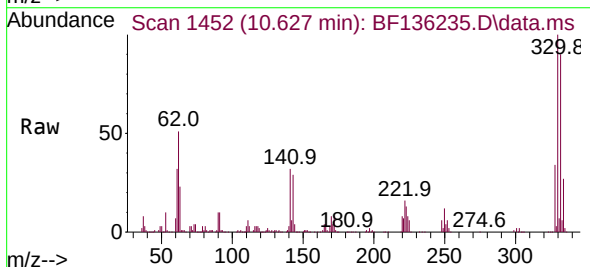
Tgt Ion:248 Resp: 23880

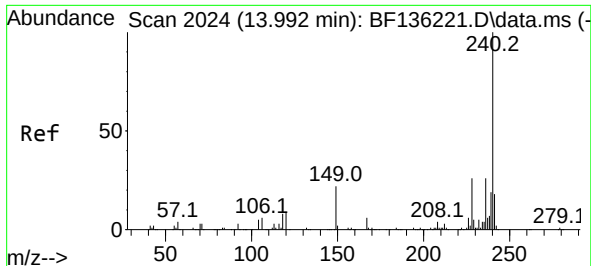
Ion Ratio Lower Upper

248 100

250 208.5 72.5 108.7#

141 556.8 60.8 91.2#

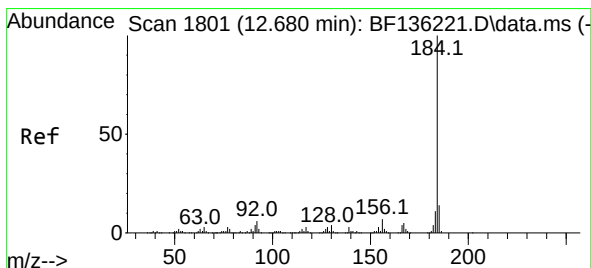
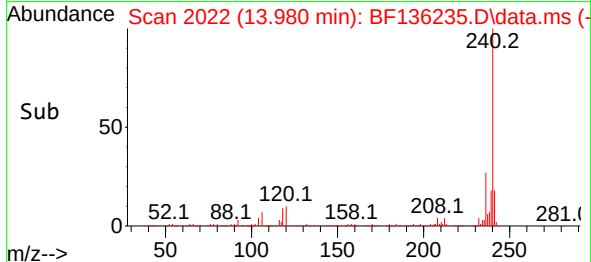
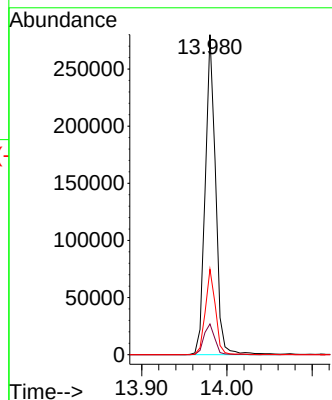
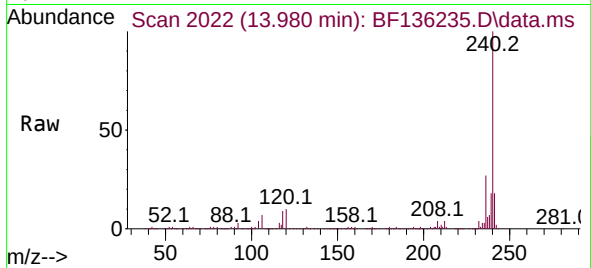




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF136235.D
Acq: 27 Nov 2023 22:06

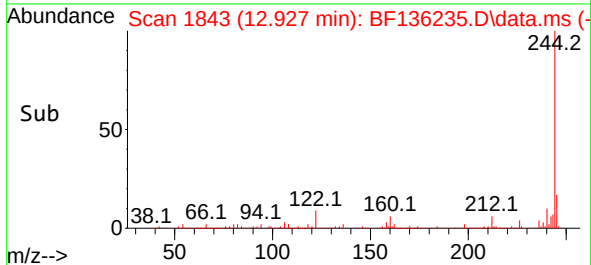
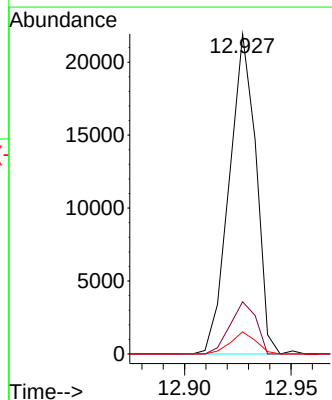
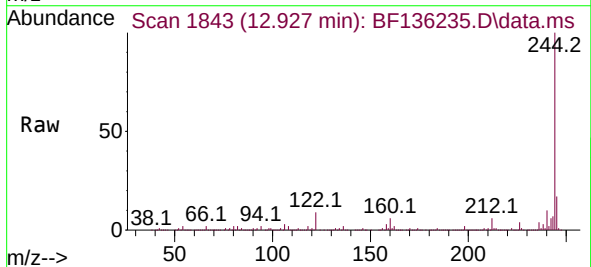
Instrument :
BNA_F
ClientSampleId :
ETGI-343

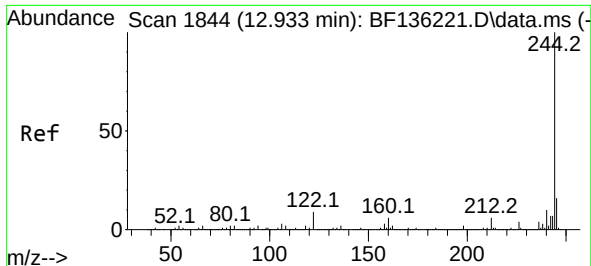
Tgt Ion:240 Resp: 236591
Ion Ratio Lower Upper
240 100
120 9.6 7.4 11.2
236 26.7 21.1 31.7



#77
Benzidine
Concen: 4.916 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.247 min
Lab File: BF136235.D
Acq: 27 Nov 2023 22:06

Tgt Ion:184 Resp: 19118
Ion Ratio Lower Upper
184 100
185 16.3 11.0 16.6
183 6.9 9.0 13.4#

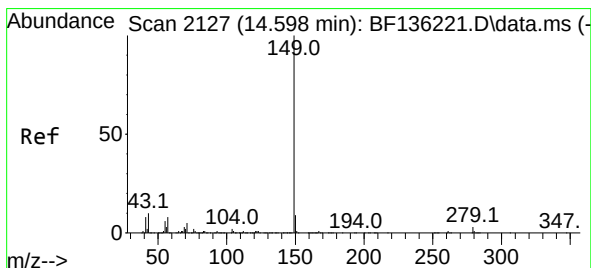
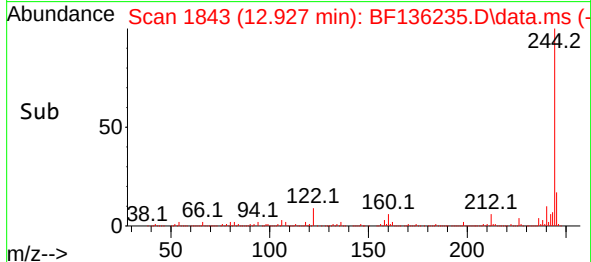
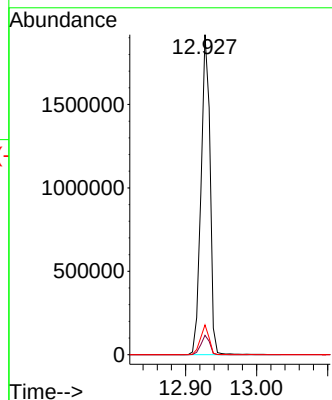
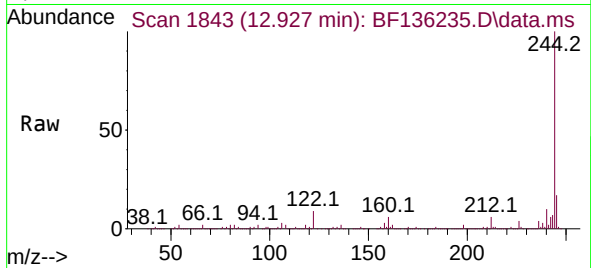




#79
 Terphenyl-d14
 Concen: 82.834 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136235.D
 Acq: 27 Nov 2023 22:06

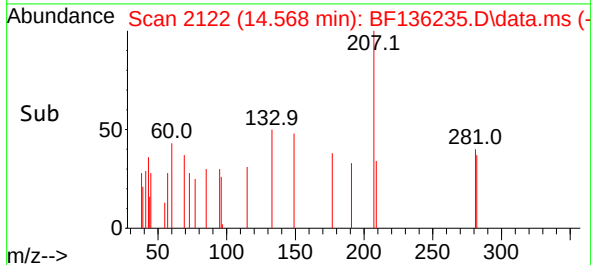
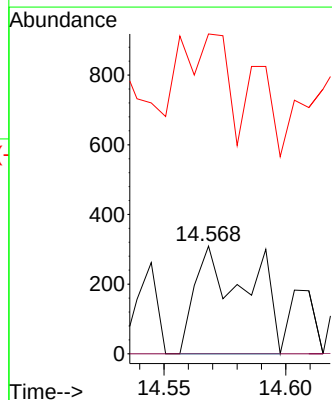
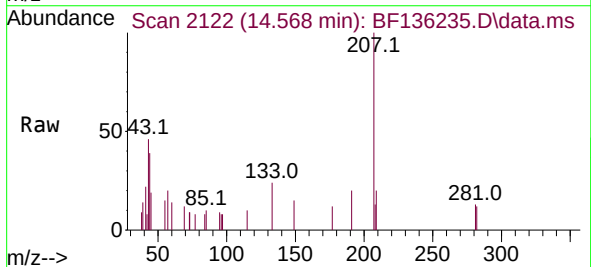
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-343

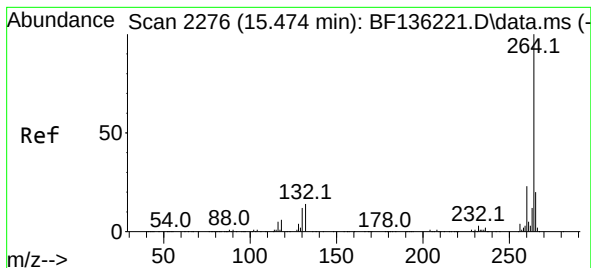
Tgt Ion:244 Resp: 1699011
 Ion Ratio Lower Upper
 244 100
 212 6.1 4.6 7.0
 122 9.3 7.3 10.9



#85
 Di-n-octyl phthalate
 Concen: 5.189 ng
 RT: 14.568 min Scan# 2122
 Delta R.T. -0.030 min
 Lab File: BF136235.D
 Acq: 27 Nov 2023 22:06

Tgt Ion:149 Resp: 469
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.0 1.6#
 43 86.6 7.2 10.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF136235.D

Acq: 27 Nov 2023 22:06

Instrument :

BNA_F

ClientSampleId :

ETGI-343

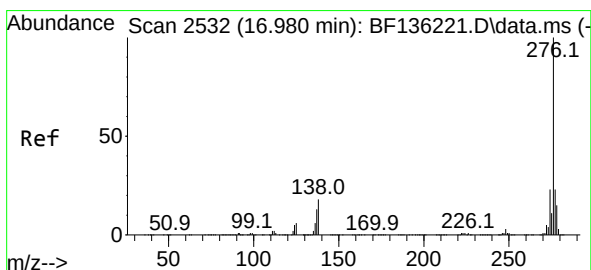
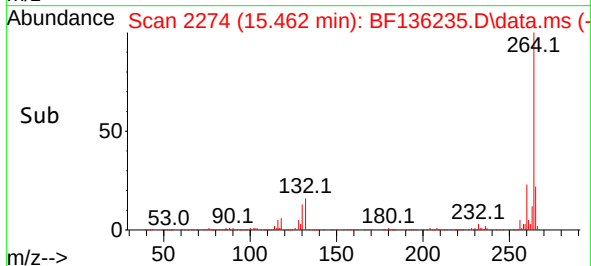
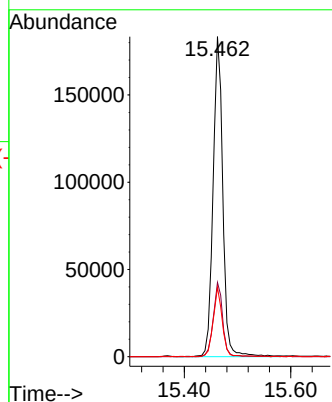
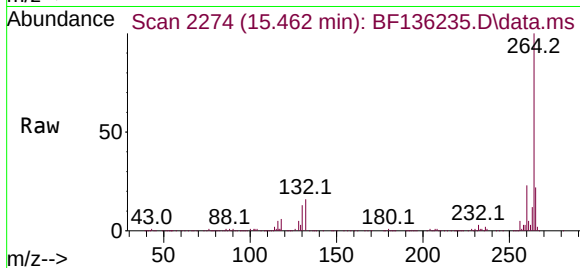
Tgt Ion:264 Resp: 232692

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 21.6 15.7 23.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.834 ng

RT: 16.927 min Scan# 2523

Delta R.T. -0.053 min

Lab File: BF136235.D

Acq: 27 Nov 2023 22:06

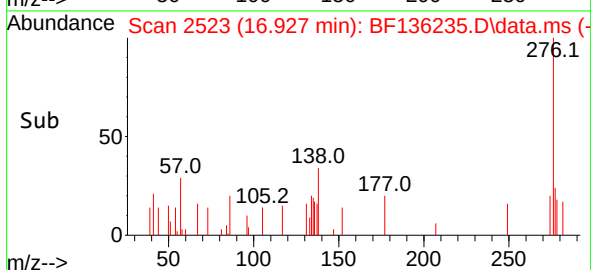
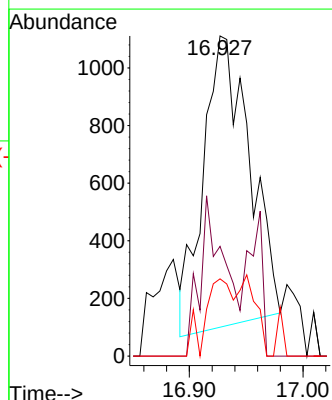
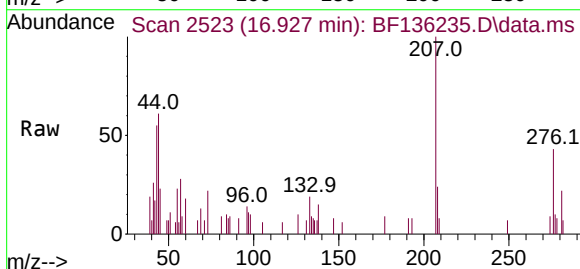
Tgt Ion:276 Resp: 2852

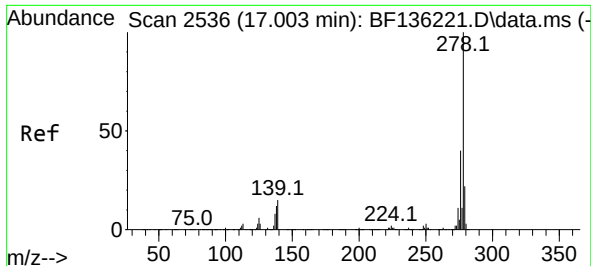
Ion Ratio Lower Upper

276 100

138 30.3 17.7 26.5#

277 15.9 19.6 29.4#





#91

Dibenzo(a,h)anthracene

Concen: 2.944 ng

RT: 16.956 min Scan# 21

Delta R.T. -0.047 min

Lab File: BF136235.D

Acq: 27 Nov 2023 22:06

Instrument :

BNA_F

ClientSampleId :

ETGI-343

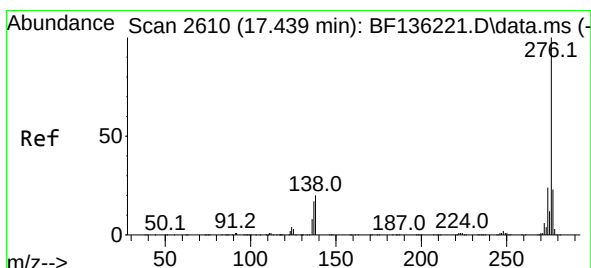
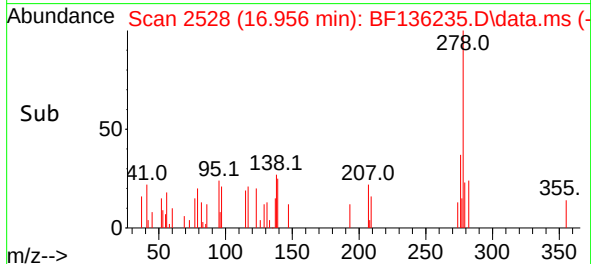
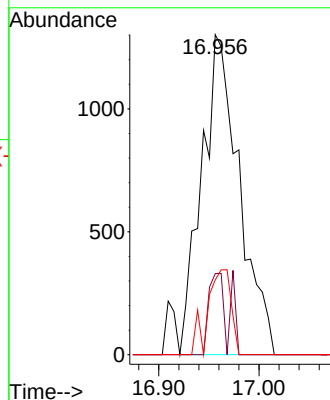
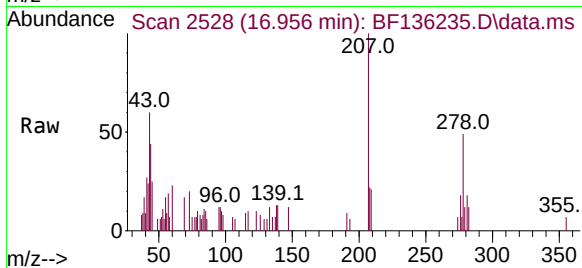
Tgt Ion:278 Resp: 3405

Ion Ratio Lower Upper

278 100

139 25.3 11.7 17.5#

279 23.3 17.8 26.8



#92

Benzo(g,h,i)perylene

Concen: 2.090 ng

RT: 17.392 min Scan# 2602

Delta R.T. -0.047 min

Lab File: BF136235.D

Acq: 27 Nov 2023 22:06

Tgt Ion:276 Resp: 2754

Ion Ratio Lower Upper

276 100

277 18.8 18.6 27.8

138 24.5 15.8 23.8#

