

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

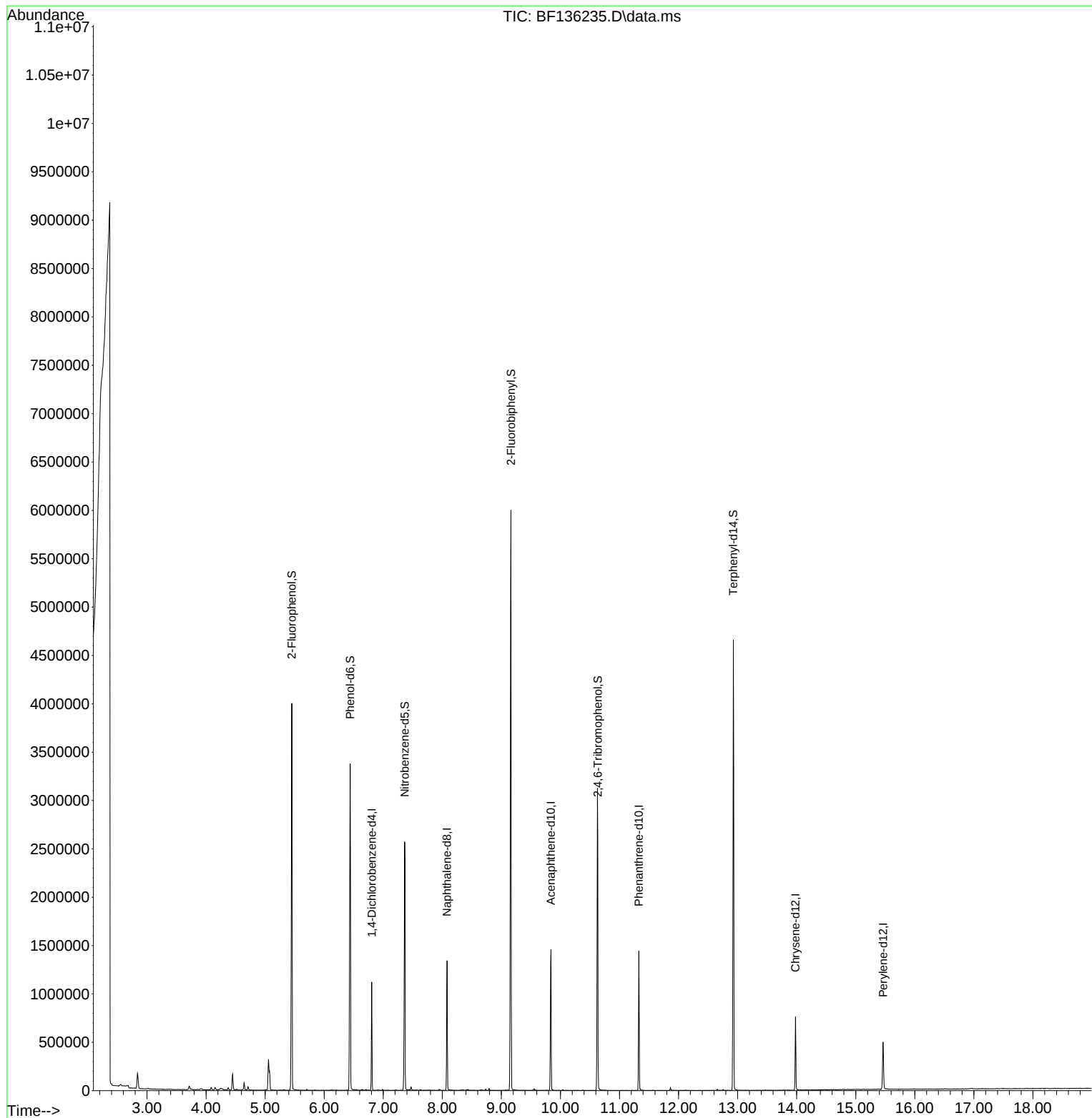
Target Compounds	Qvalue

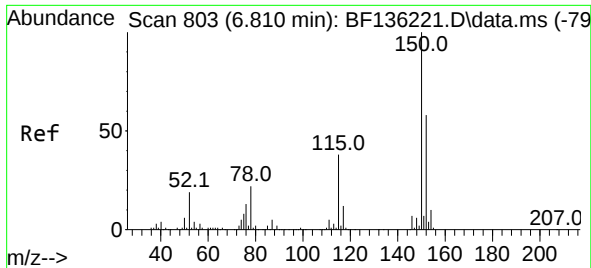
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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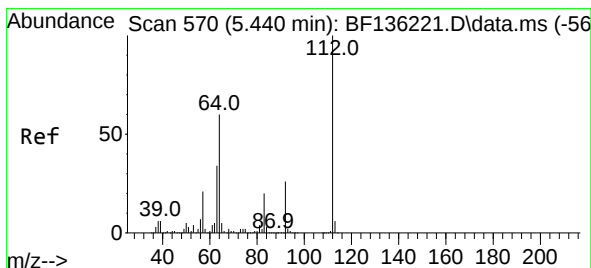
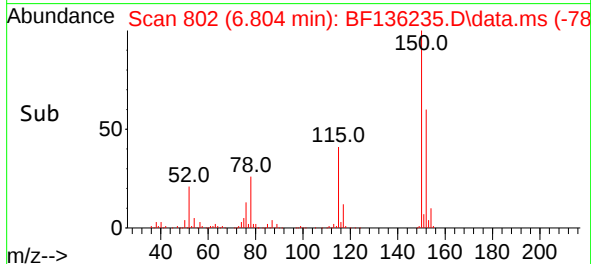
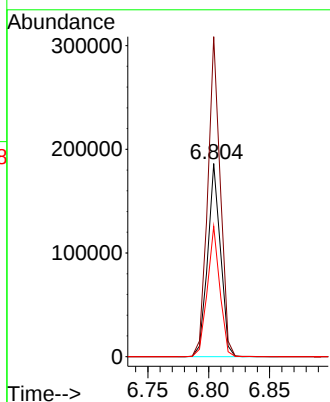
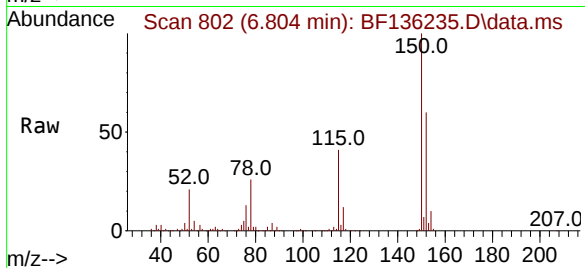




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136235.D
Acq: 27 Nov 2023 22:06

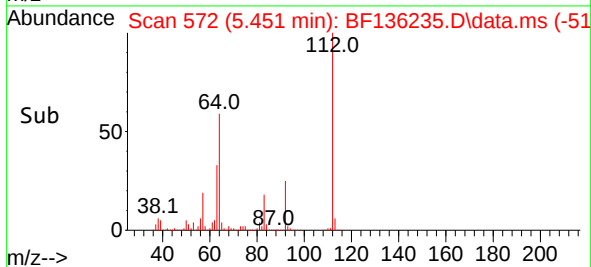
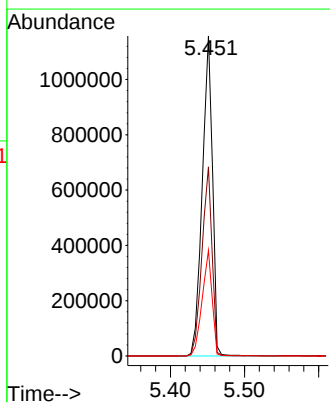
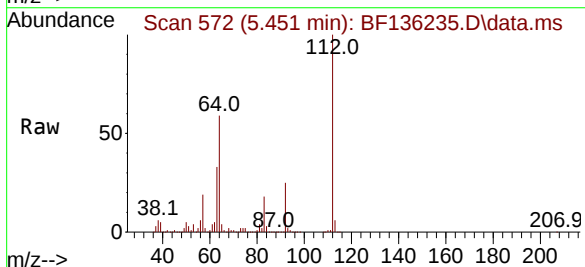
Instrument :
BNA_F
ClientSampleId :
ETGI-343

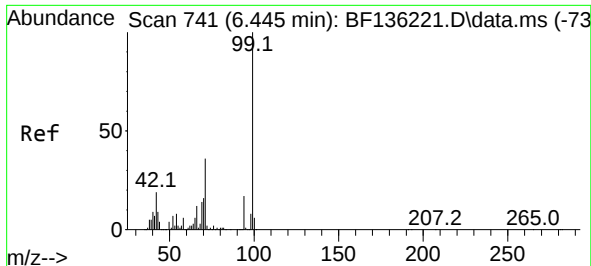
Tgt Ion:152 Resp: 136304
Ion Ratio Lower Upper
152 100
150 165.6 137.8 206.8
115 67.5 52.7 79.1



#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

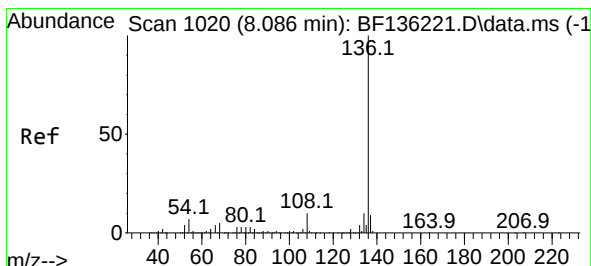
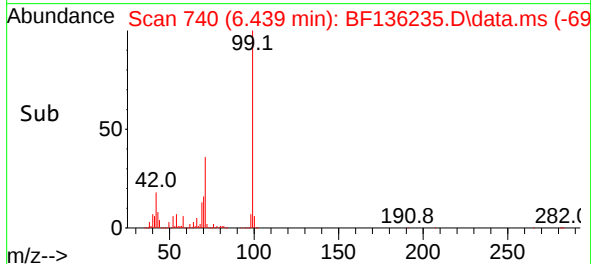
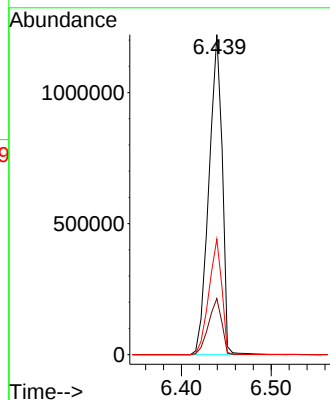
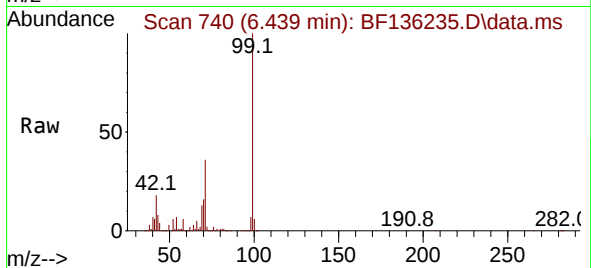




#7
Phenol-d6
Concen: 102.233 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136235.D
Acq: 27 Nov 2023 22:06

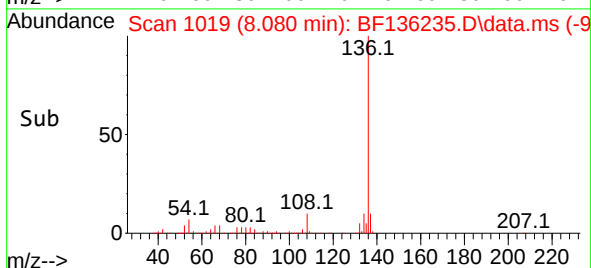
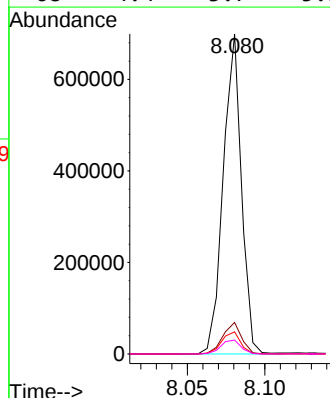
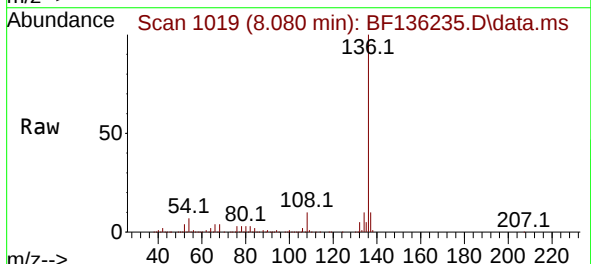
Instrument :
BNA_F
ClientSampleId :
ETGI-343

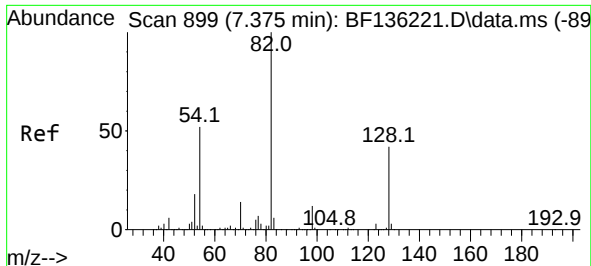
Tgt Ion: 99 Resp: 1251824
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.6
71 36.1 28.9 43.3



#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

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# 89

Delta R.T. -0.012 min

Lab File: BF136235.D

Acq: 27 Nov 2023 22:06

Instrument :

BNA_F

ClientSampleId :

ETGI-343

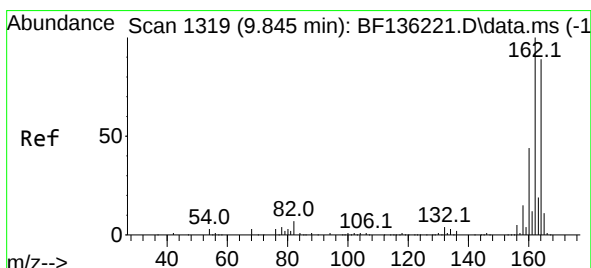
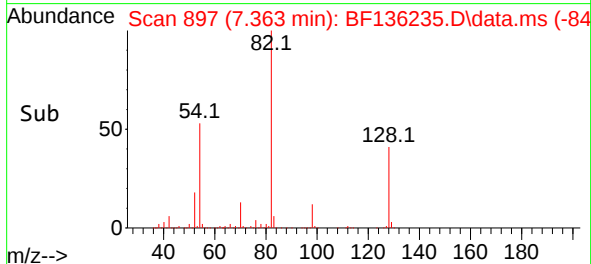
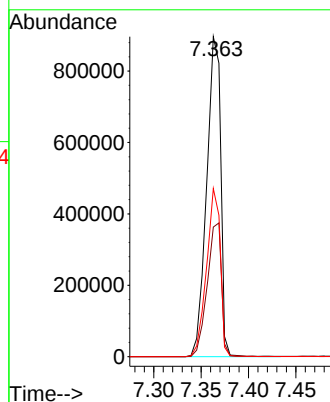
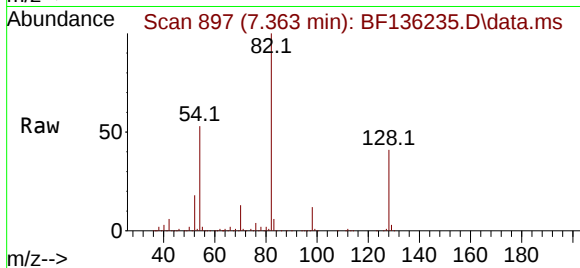
Tgt Ion: 82 Resp: 923821

Ion Ratio Lower Upper

82 100

128 40.5 33.4 50.2

54 52.6 41.7 62.5



#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

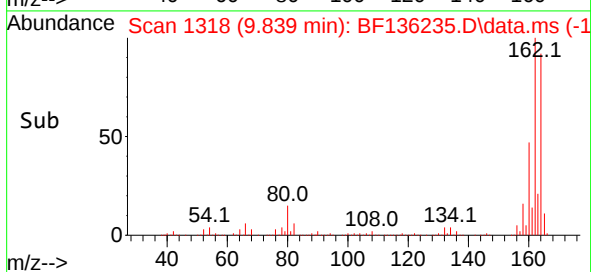
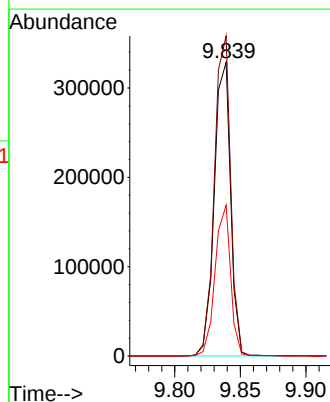
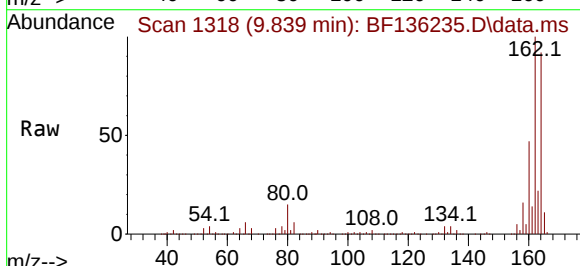
Tgt Ion:164 Resp: 284876

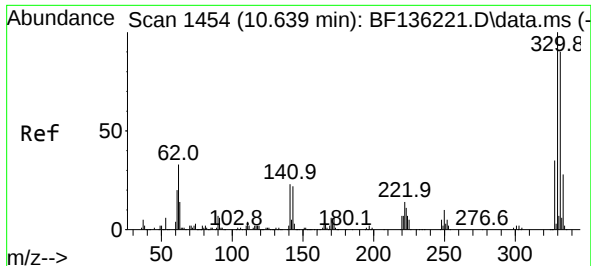
Ion Ratio Lower Upper

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

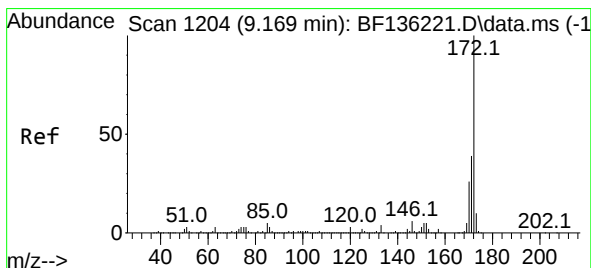
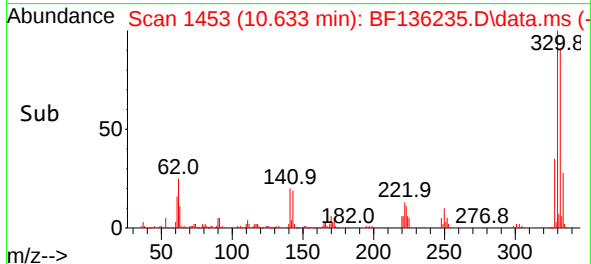
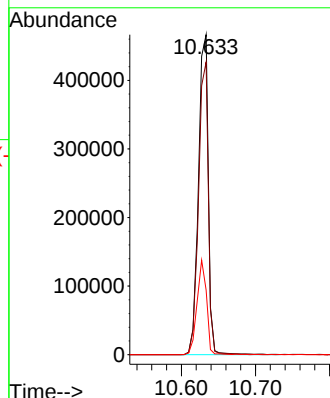
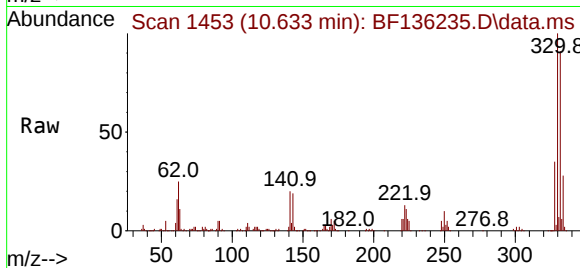
Tgt Ion:330 Resp: 429760

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

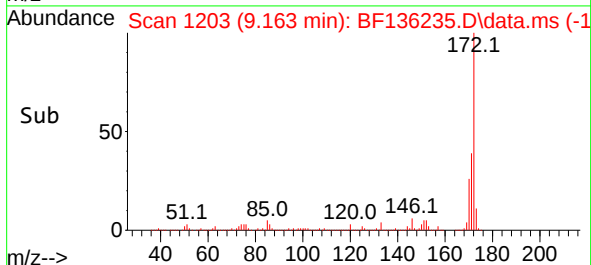
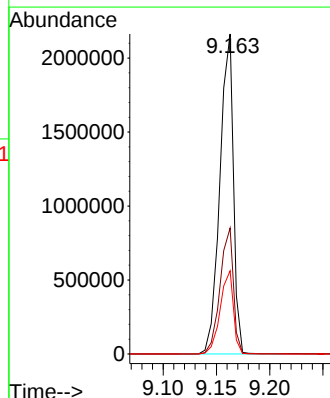
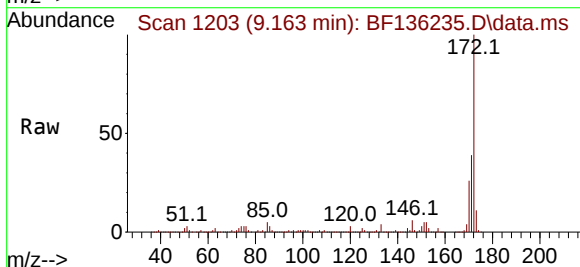
Tgt Ion:172 Resp: 1905134

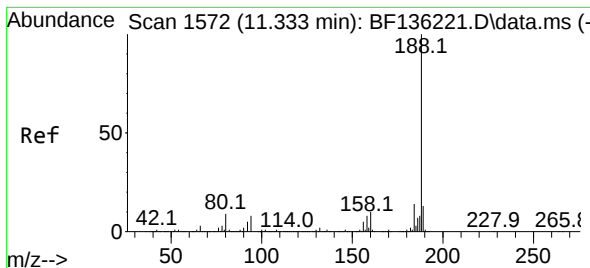
Ion Ratio Lower Upper

172 100

171 39.4 31.5 47.3

170 26.0 20.8 31.2





#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

Instrument :

BNA_F

ClientSampleId :

ETGI-343

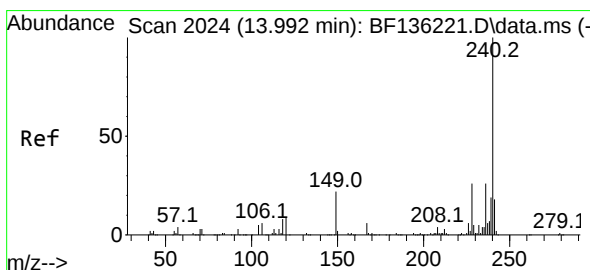
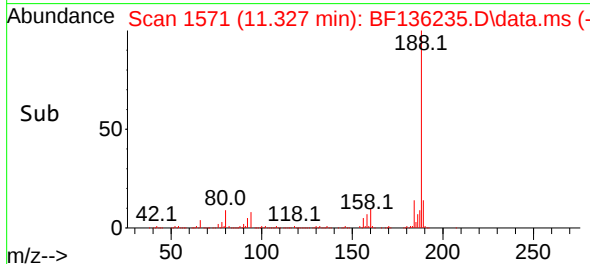
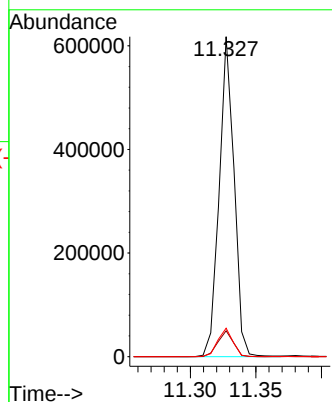
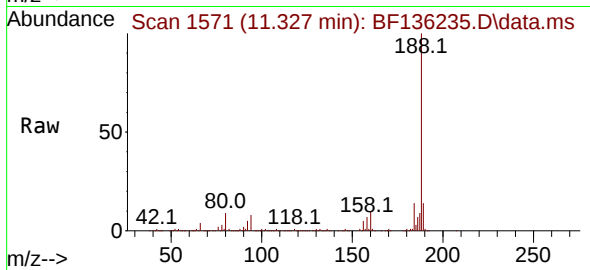
Tgt Ion:188 Resp: 486611

Ion Ratio Lower Upper

188 100

94 8.1 6.7 10.1

80 8.9 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF136235.D

Acq: 27 Nov 2023 22:06

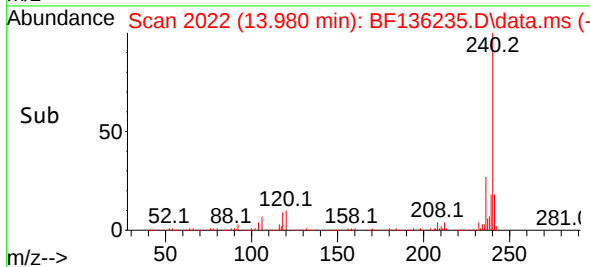
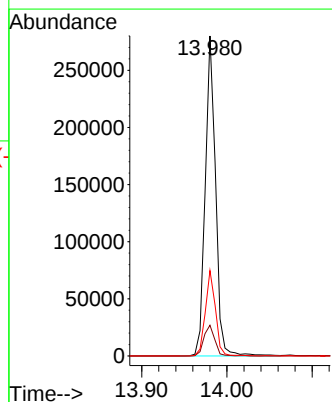
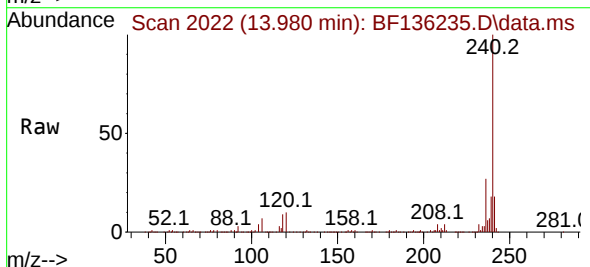
Tgt Ion:240 Resp: 236591

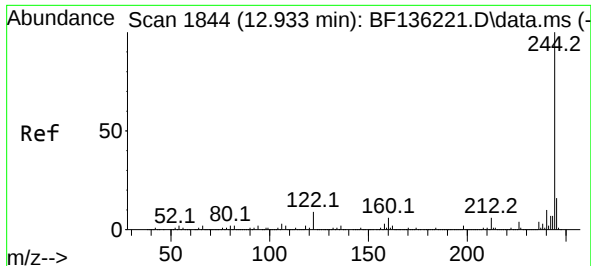
Ion Ratio Lower Upper

240 100

120 9.6 7.4 11.2

236 26.7 21.1 31.7





#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 :

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ETGI-343

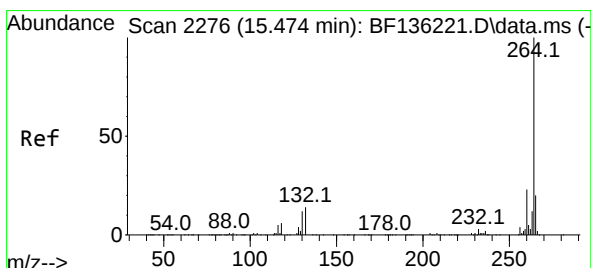
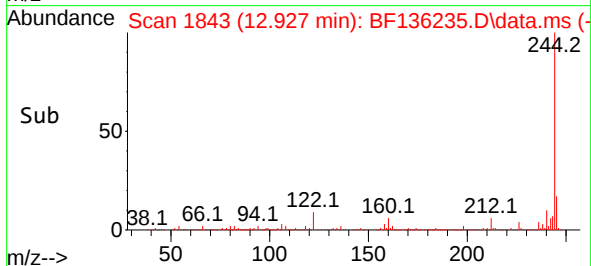
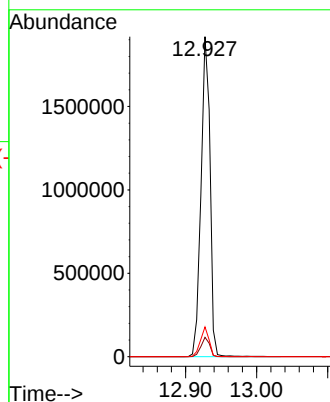
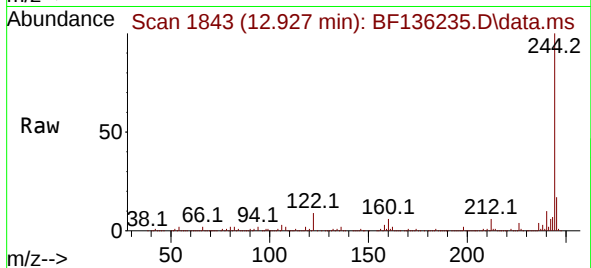
Tgt Ion:244 Resp: 1699011

Ion Ratio Lower Upper

244 100

212 6.1 4.6 7.0

122 9.3 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. -0.012 min

Lab File: BF136235.D

Acq: 27 Nov 2023 22:06

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

