

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139988.D
 Acq On : 24 Oct 2024 02:34
 Operator : RC/JU
 Sample : P4468-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-329

Quant Time: Oct 24 03:15:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

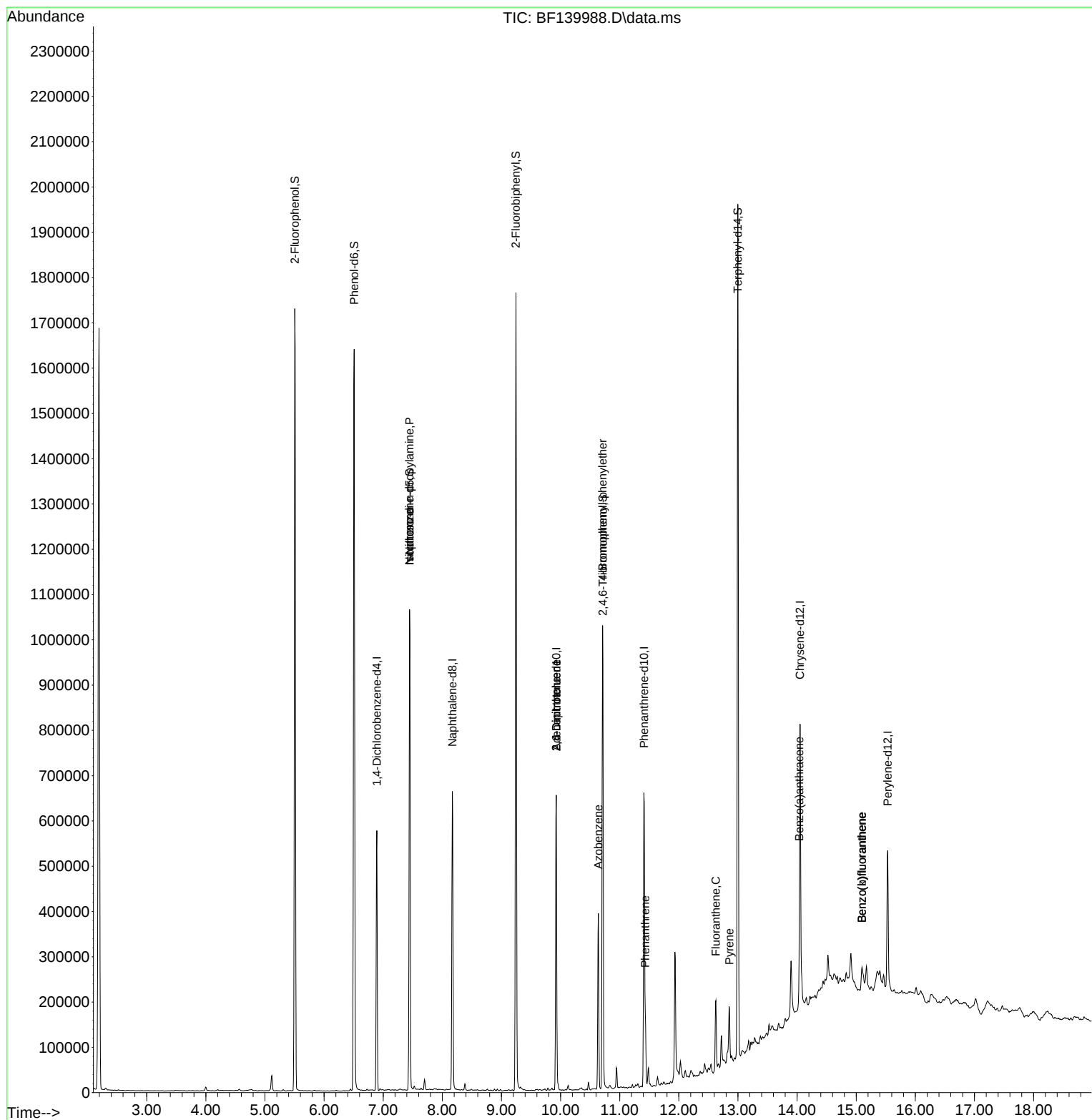
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	116813	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	404209	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	196508	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	345989	20.000	ng	0.00
76) Chrysene-d12	14.051	240	273536	20.000	ng	0.00
86) Perylene-d12	15.533	264	193675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	645355	86.488	ng	0.00
7) Phenol-d6	6.510	99	776046	80.301	ng	0.00
23) Nitrobenzene-d5	7.445	82	469822	64.420	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	176984	96.288	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	774677	65.153	ng	0.00
79) Terphenyl-d14	12.998	244	922106	54.931	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.445	70	63358	10.810	ng	# 77
25) Isophorone	7.445	82	467483	33.772	ng	# 67
51) 2,6-Dinitrotoluene	9.927	165	26122	9.857	ng	# 21
57) 2,4-Dinitrotoluene	9.927	165	26122	8.015	ng	# 21
63) Azobenzene	10.639	77	97729	7.670	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	10977	3.080	ng	# 1
71) Phenanthrene	11.433	178	74561	4.562	ng	98
75) Fluoranthene	12.627	202	88411	5.351	ng	98
78) Pyrene	12.857	202	71277	2.977	ng	98
81) Benzo(a)anthracene	14.039	228	36883	2.071	ng	# 94
88) Benzo(b)fluoranthene	15.098	252	37182	3.152	ng	# 89
89) Benzo(k)fluoranthene	15.098	252	37182	3.654	ng	# 89

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

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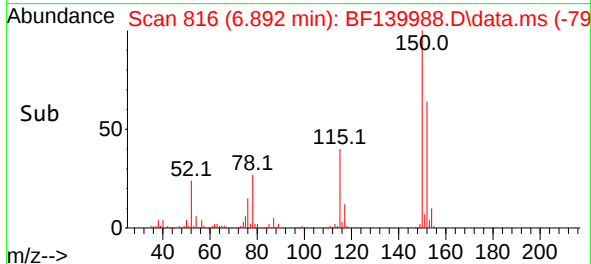
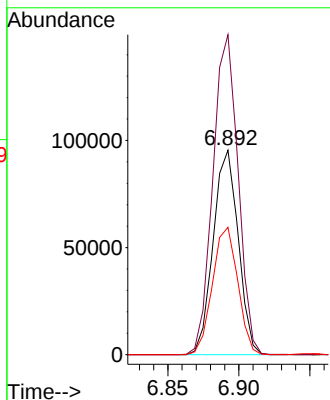
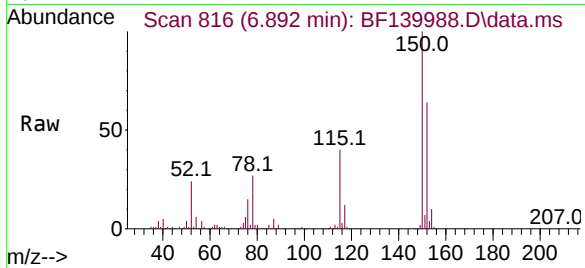




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

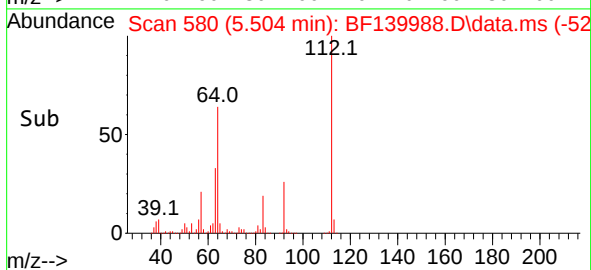
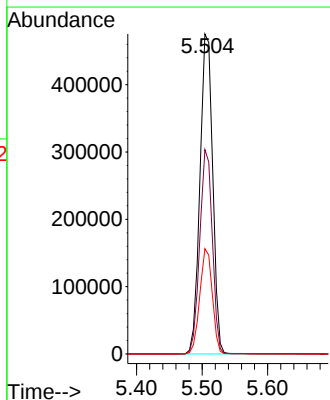
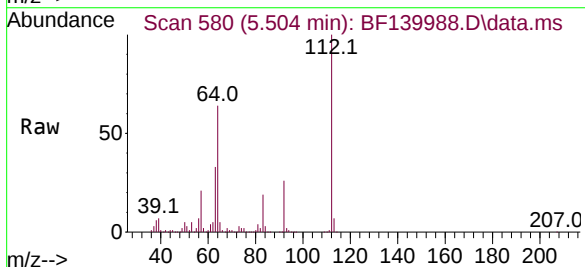
Instrument :
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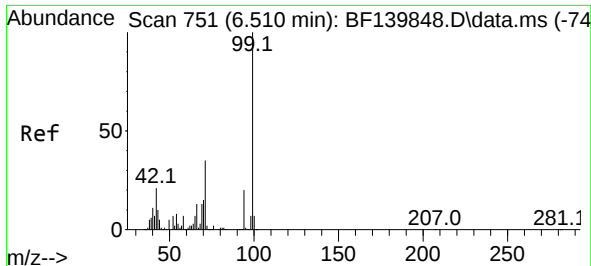
Tgt Ion:152 Resp: 116813
Ion Ratio Lower Upper
152 100
150 156.5 130.2 195.2
115 62.3 51.4 77.2



#5
2-Fluorophenol
Concen: 86.488 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

Tgt Ion:112 Resp: 645355
Ion Ratio Lower Upper
112 100
64 63.9 53.0 79.6
63 32.9 27.0 40.4

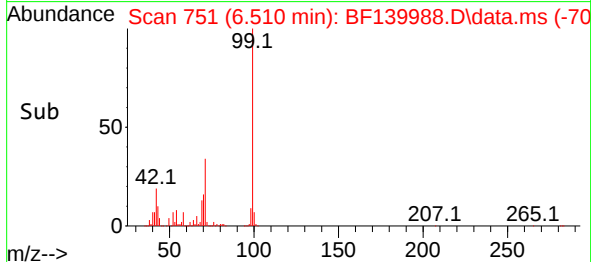
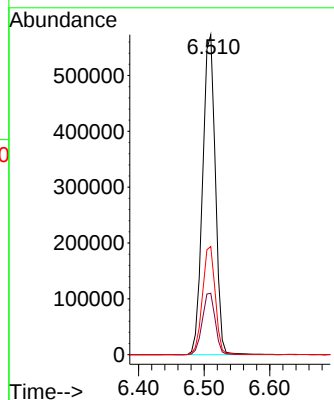
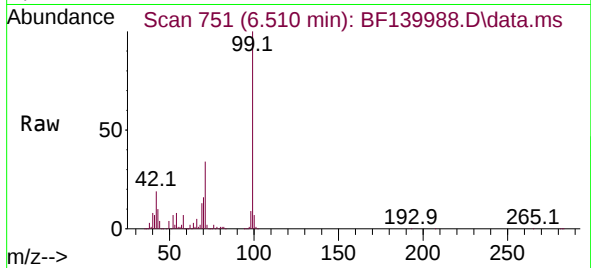




#7
Phenol-d6
Concen: 80.301 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

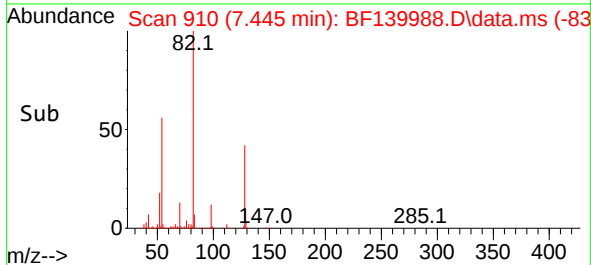
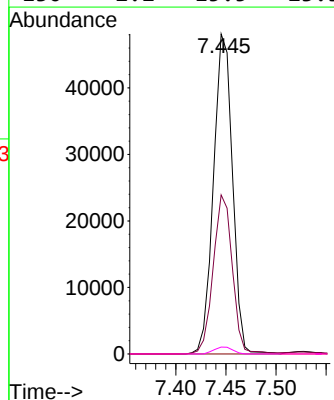
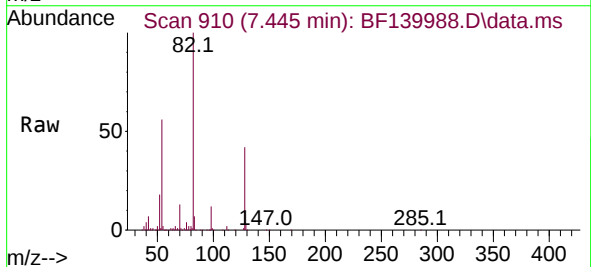
Instrument :
BNA_F
ClientSampleId :
ETGI-329

Tgt Ion: 99 Resp: 776046
Ion Ratio Lower Upper
99 100
42 19.2 16.7 25.1
71 33.8 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 10.810 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

Tgt Ion: 70 Resp: 63358
Ion Ratio Lower Upper
70 100
42 49.7 51.5 77.3#
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#



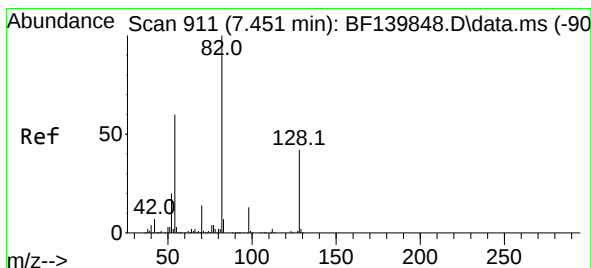
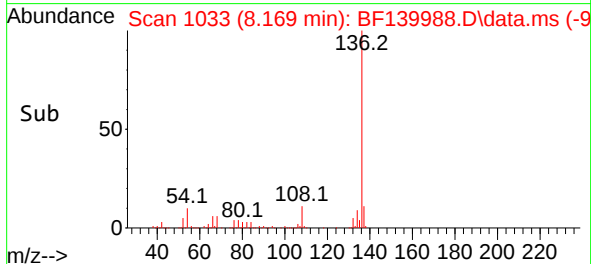
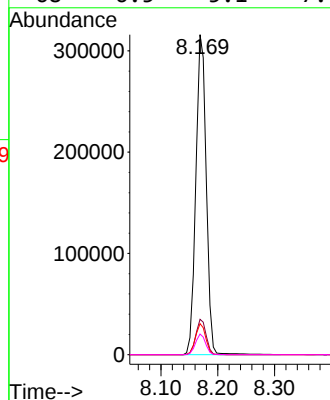
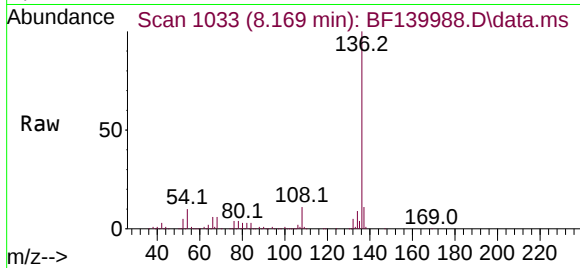


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

Instrument :
BNA_F
ClientSampleId :
ETGI-329

Tgt Ion:136 Resp: 404209

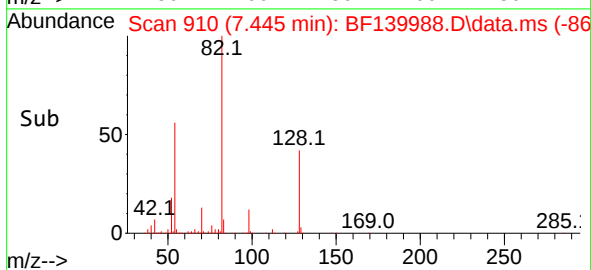
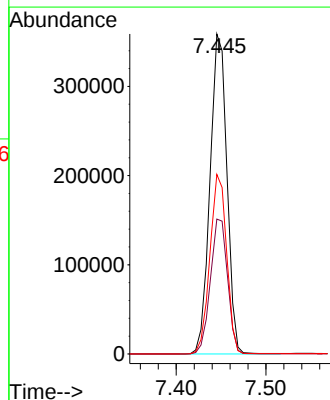
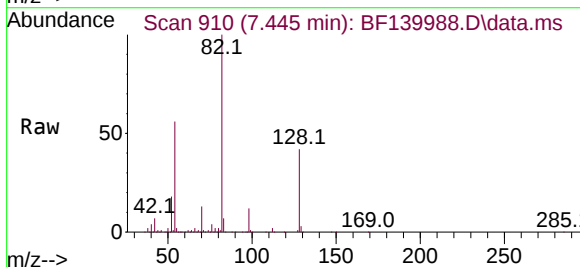
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	9.7	8.4	12.6
68	6.5	5.1	7.7

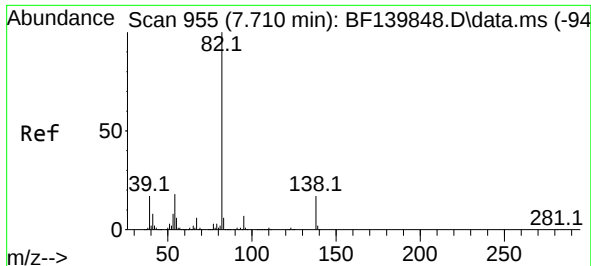


#23
Nitrobenzene-d5
Concen: 64.420 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

Tgt Ion: 82 Resp: 469822

Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.4	50.0
54	56.1	47.8	71.8

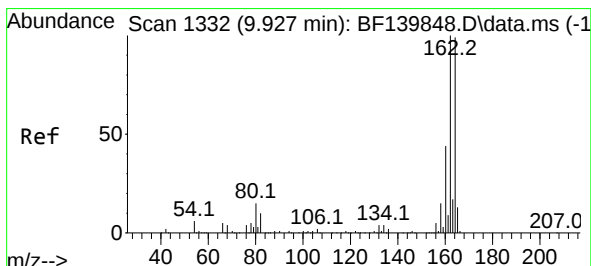
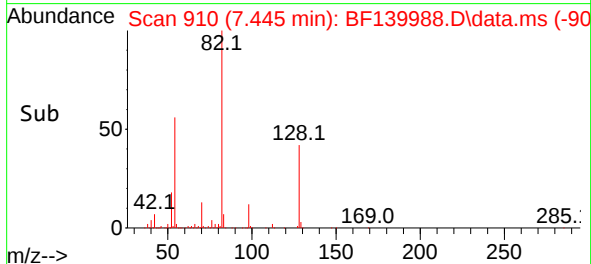
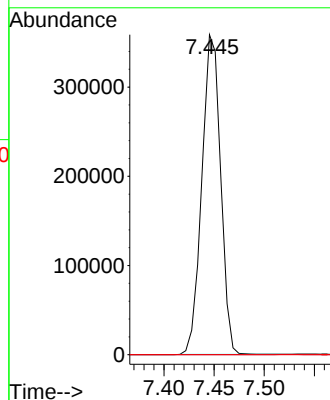
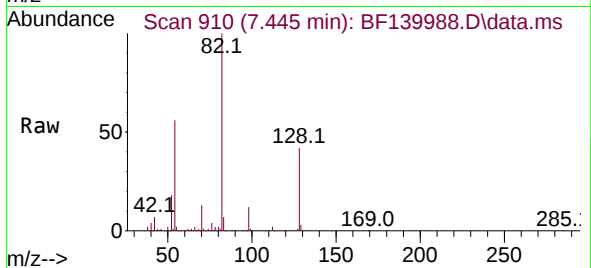




#25
Isophorone
Concen: 33.772 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

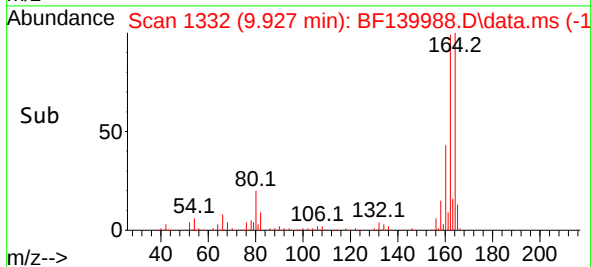
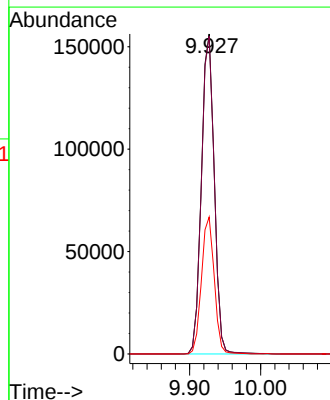
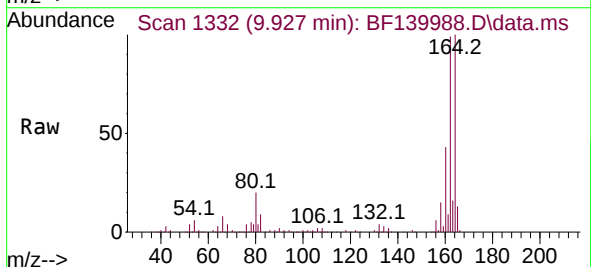
Instrument :
BNA_F
ClientSampleId :
ETGI-329

Tgt Ion: 82 Resp: 467483
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

Tgt Ion:164 Resp: 196508
Ion Ratio Lower Upper
164 100
162 99.3 81.0 121.4
160 42.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 96.288 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139988.D

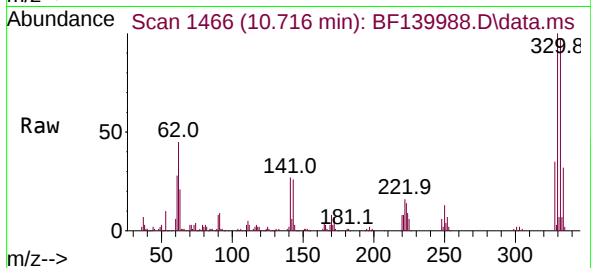
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Instrument :

BNA_F

ClientSampleId :

ETGI-329



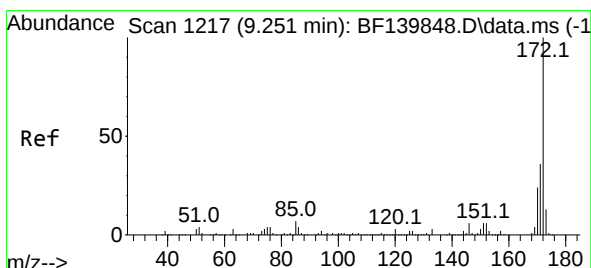
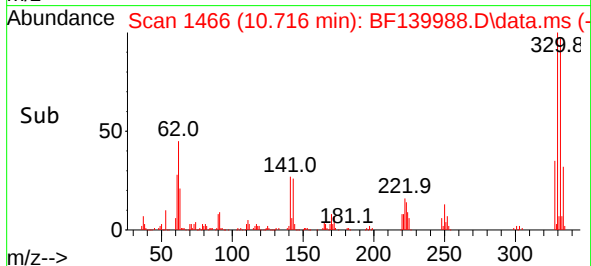
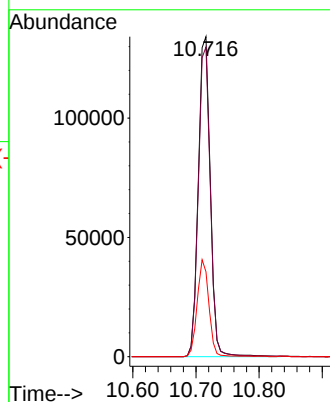
Tgt Ion:330 Resp: 176984

Ion Ratio Lower Upper

330 100

332 96.4 78.1 117.1

141 29.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 65.153 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139988.D

Acq: 24 Oct 2024 02:34

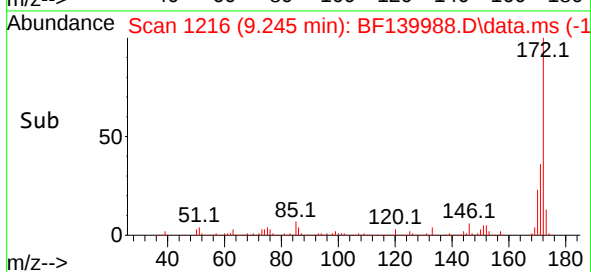
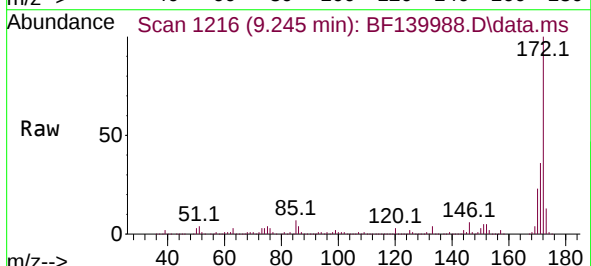
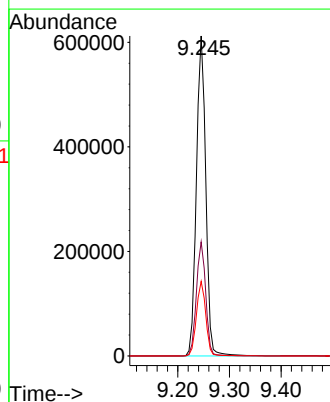
Tgt Ion:172 Resp: 774677

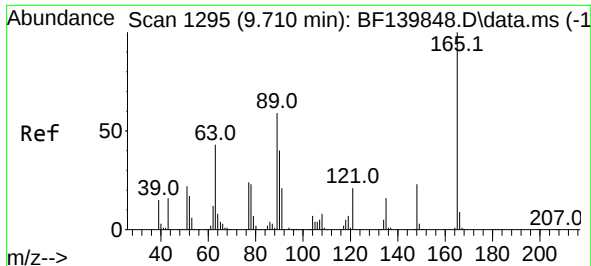
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.3 19.1 28.7

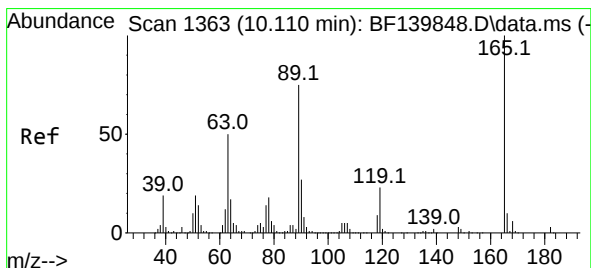
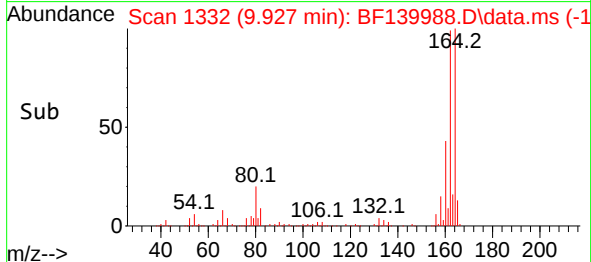
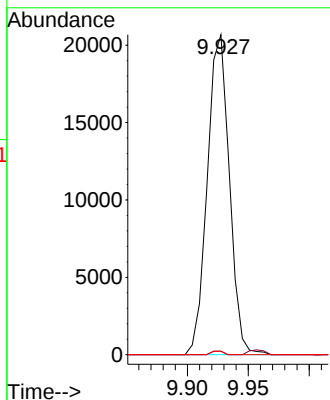
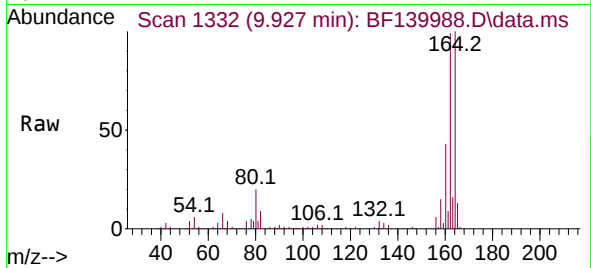




#51
2,6-Dinitrotoluene
Concen: 9.857 ng
RT: 9.927 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

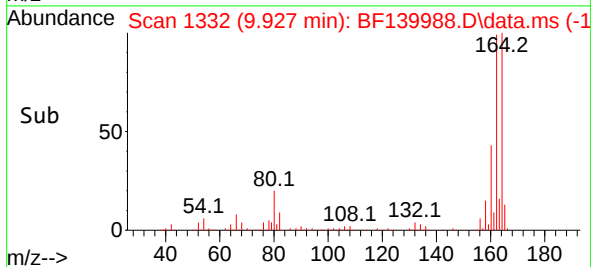
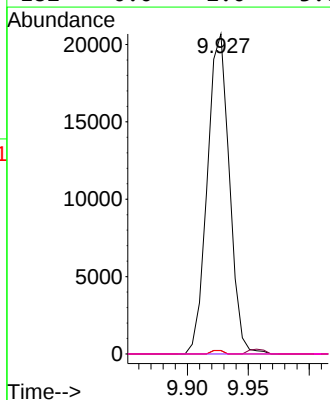
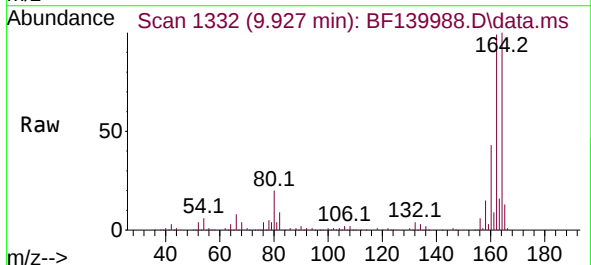
Instrument :
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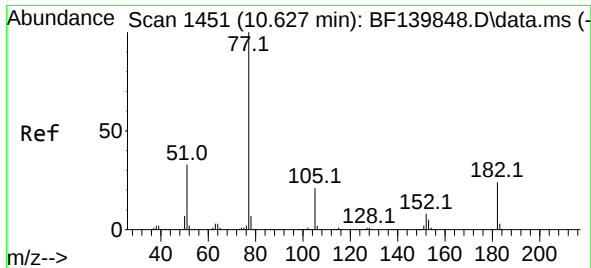
Tgt Ion:165 Resp: 26122
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.0 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 8.015 ng
RT: 9.927 min Scan# 1332
Delta R.T. -0.182 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

Tgt Ion:165 Resp: 26122
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.0 60.4 90.6#
182 0.0 2.0 3.0#

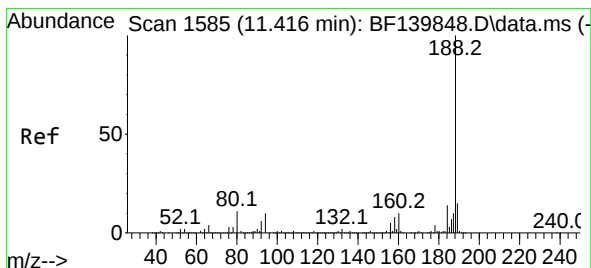
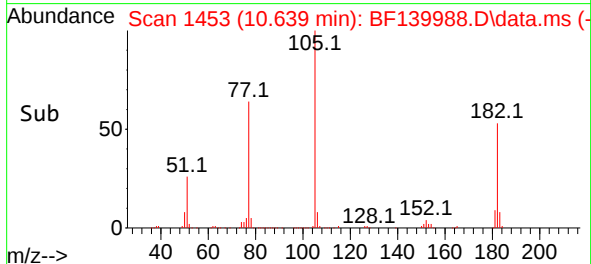
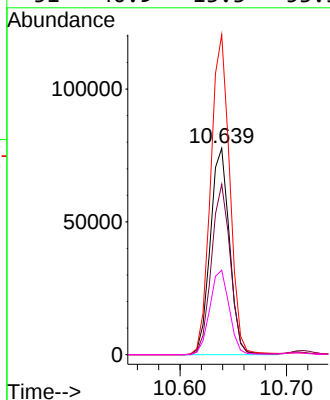
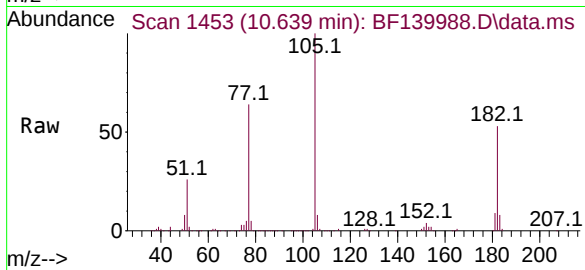




#63
Azobenzene
Concen: 7.670 ng
RT: 10.639 min Scan# 1451
Delta R.T. 0.012 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

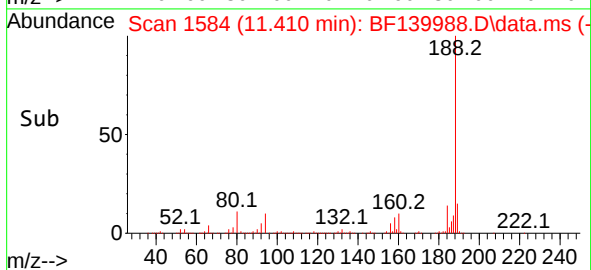
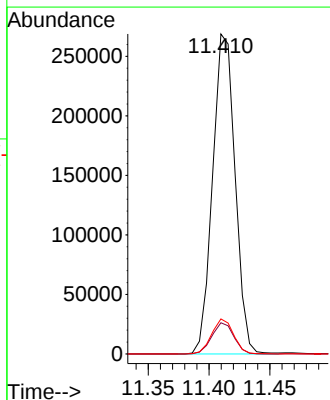
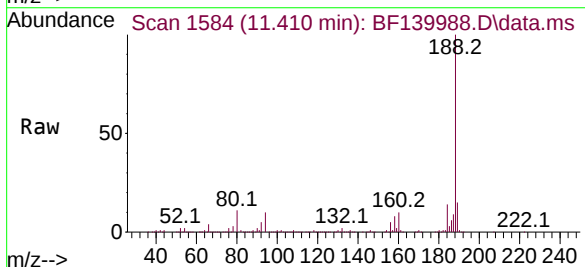
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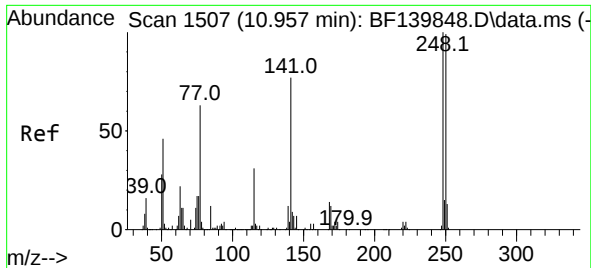
Tgt Ion: 77	Resp: 97729
Ion Ratio	Lower Upper
77 100	
182 82.6	3.3 43.3#
105 155.1	1.2 41.2#
51 40.9	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

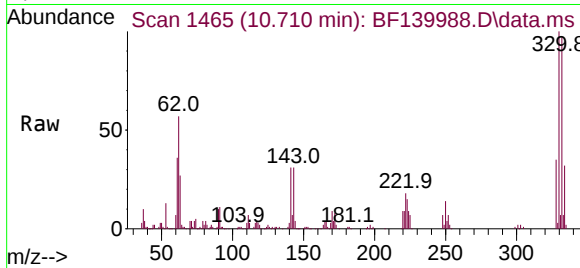
Tgt Ion: 188	Resp: 345989
Ion Ratio	Lower Upper
188 100	
94 9.7	7.9 11.9
80 10.9	9.0 13.4



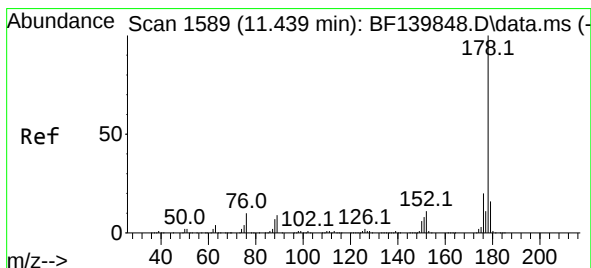
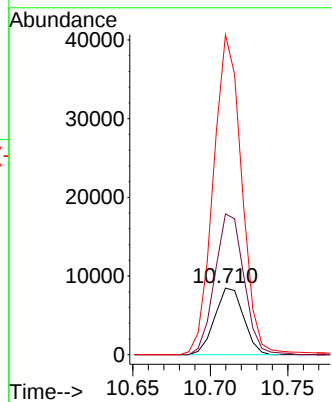
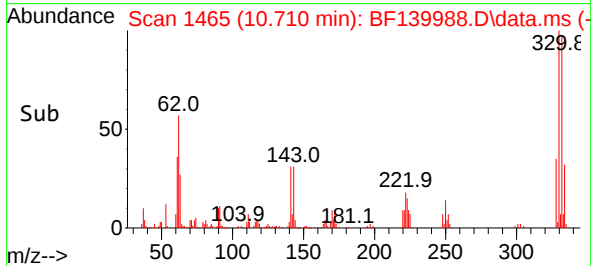


#67
4-Bromophenyl-phenylether
Concen: 3.080 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

Instrument :
BNA_F
ClientSampleId :
ETGI-329

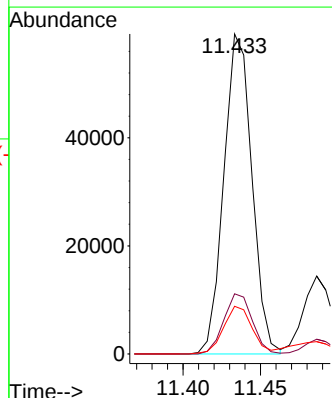
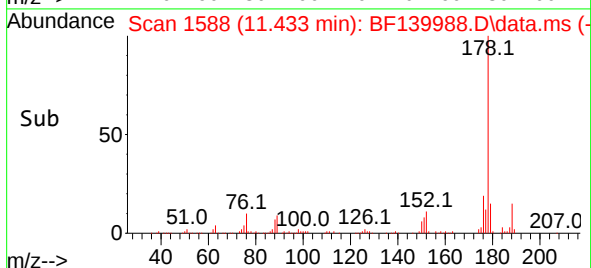
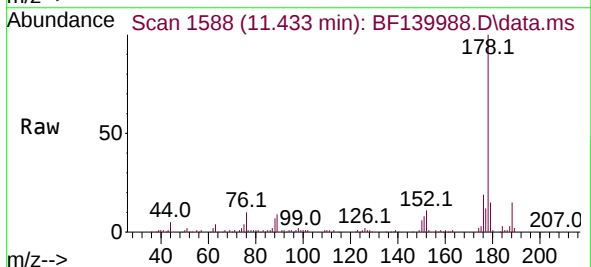


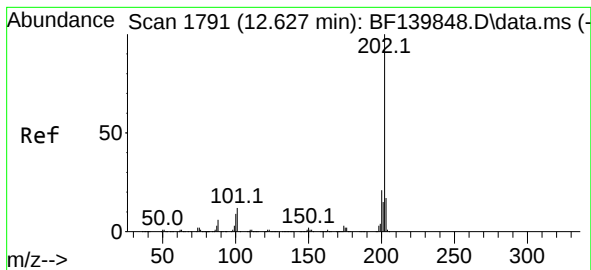
Tgt Ion:248 Resp: 10977
Ion Ratio Lower Upper
248 100
250 211.5 79.0 118.6#
141 480.4 61.7 92.5#



#71
Phenanthrene
Concen: 4.562 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

Tgt Ion:178 Resp: 74561
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.6
179 14.9 12.6 18.8





#75

Fluoranthene

Concen: 5.351 ng

RT: 12.627 min Scan# 1791

Delta R.T. 0.000 min

Lab File: BF139988.D

Acq: 24 Oct 2024 02:34

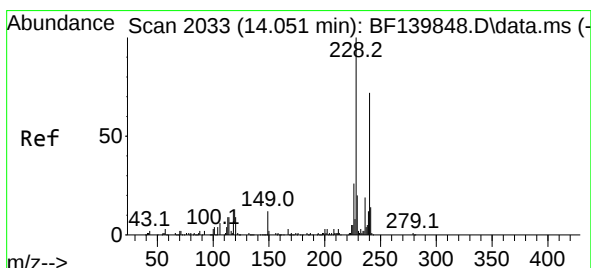
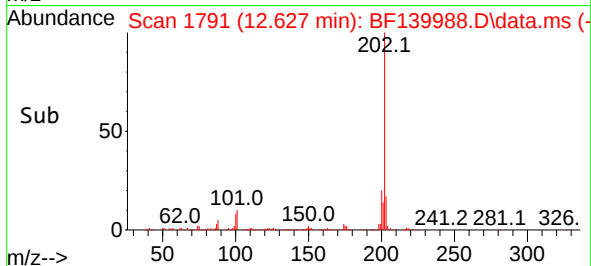
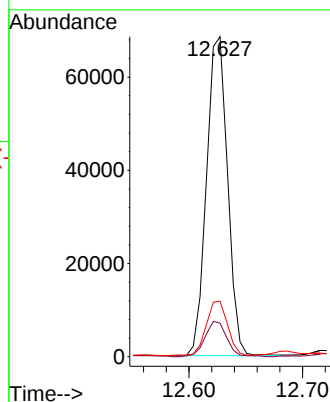
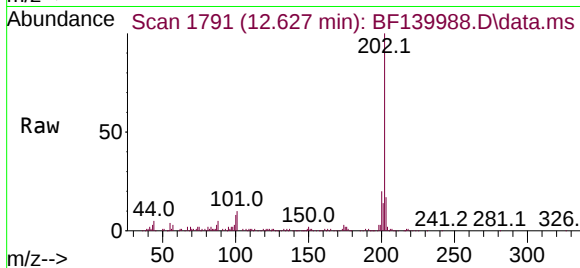
Instrument :

BNA_F

ClientSampleId :

ETGI-329

Tgt Ion:	202	Resp:	88411
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	31.9
203	17.3	0.0	37.5



#76

Chrysene-d12

Concen: 20.000 ng

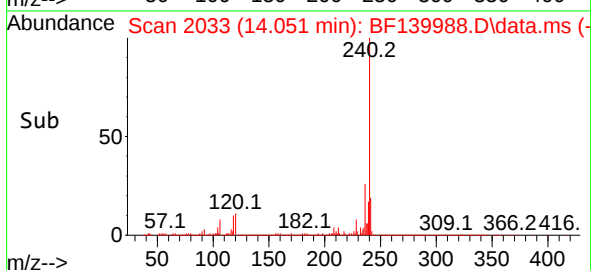
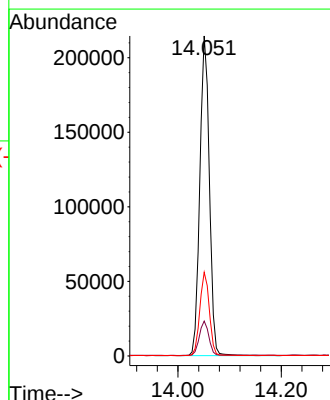
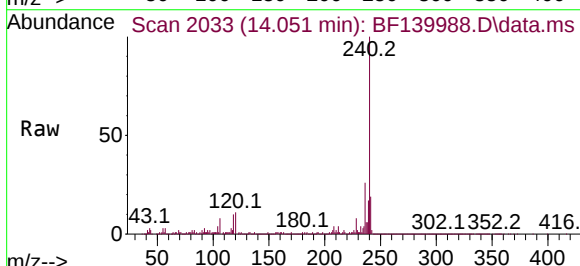
RT: 14.051 min Scan# 2033

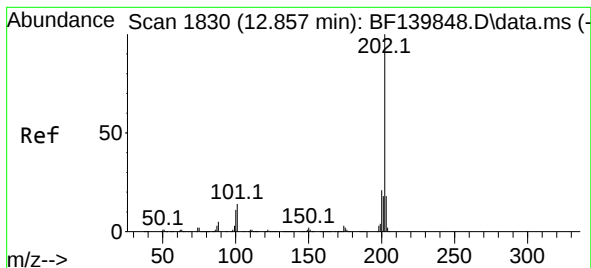
Delta R.T. 0.000 min

Lab File: BF139988.D

Acq: 24 Oct 2024 02:34

Tgt Ion:	240	Resp:	273536
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.4	14.2
236	26.2	20.9	31.3





#78

Pyrene

Concen: 2.977 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF139988.D

Acq: 24 Oct 2024 02:34

Instrument :

BNA_F

ClientSampleId :

ETGI-329

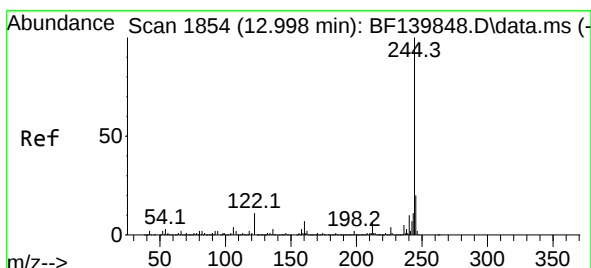
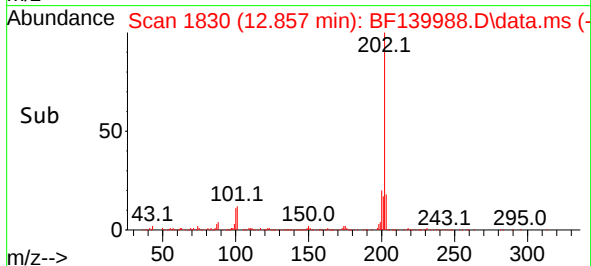
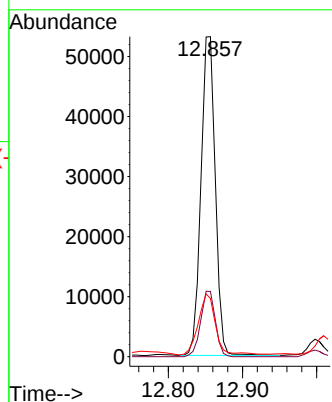
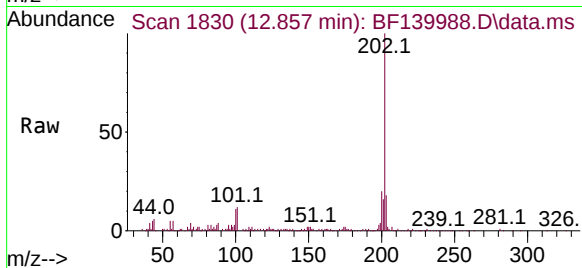
Tgt Ion:202 Resp: 71277

Ion Ratio Lower Upper

202 100

200 20.4 17.2 25.8

203 18.2 14.2 21.4



#79

Terphenyl-d14

Concen: 54.931 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139988.D

Acq: 24 Oct 2024 02:34

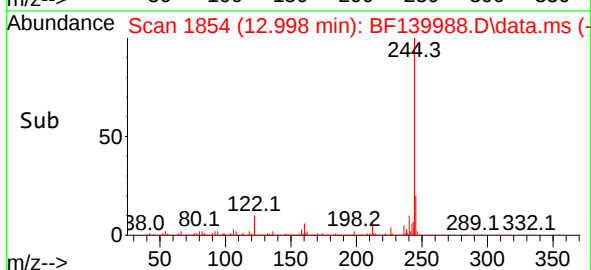
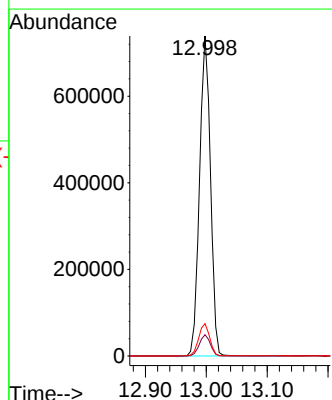
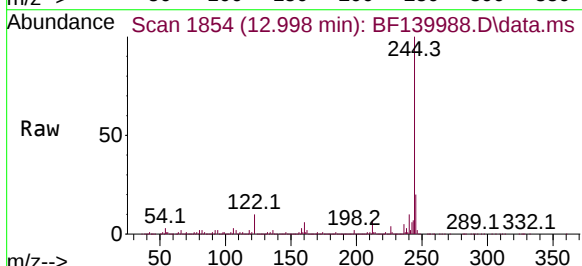
Tgt Ion:244 Resp: 922106

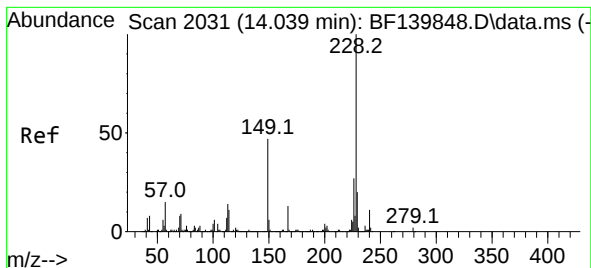
Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 10.1 8.6 13.0





#81

Benzo(a)anthracene

Concen: 2.071 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF139988.D

Acq: 24 Oct 2024 02:34

Instrument :

BNA_F

ClientSampleId :

ETGI-329

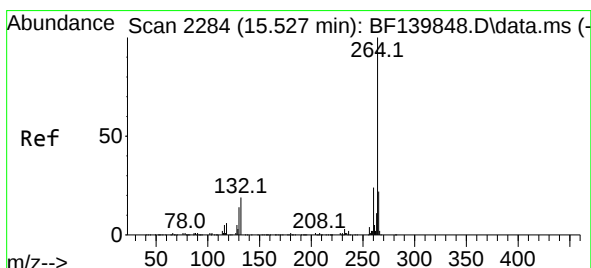
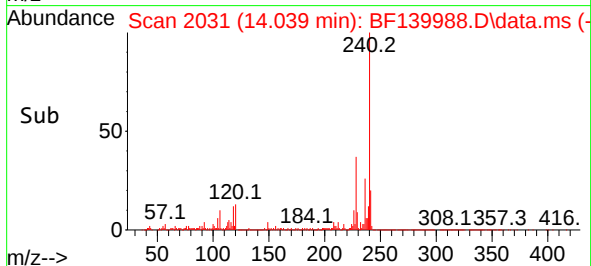
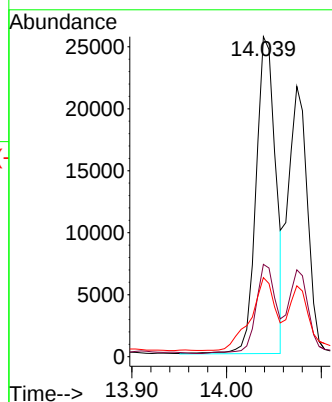
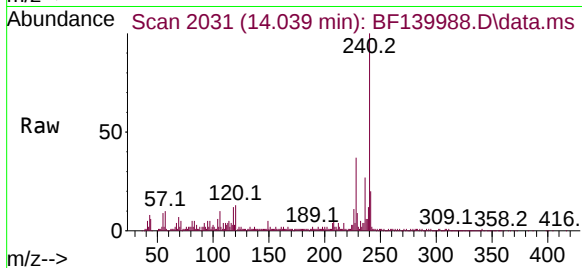
Tgt Ion:228 Resp: 36883

Ion Ratio Lower Upper

228 100

226 28.8 21.6 32.4

229 24.7 16.1 24.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF139988.D

Acq: 24 Oct 2024 02:34

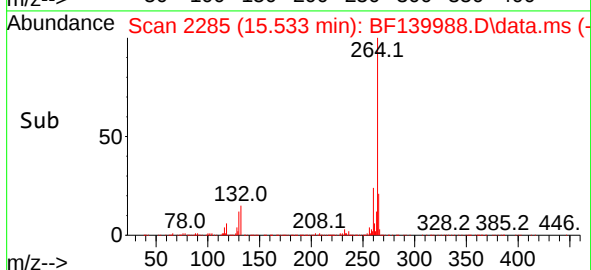
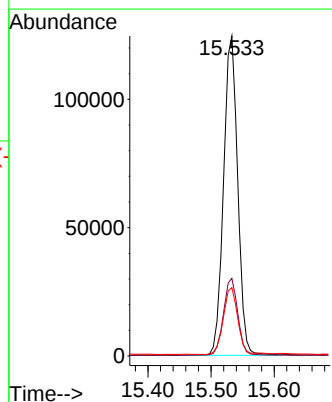
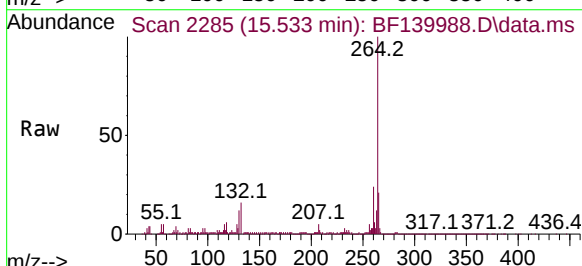
Tgt Ion:264 Resp: 193675

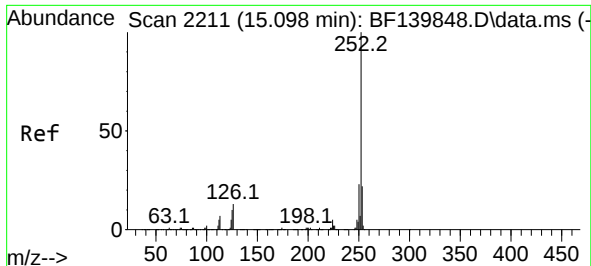
Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.4 17.4 26.0

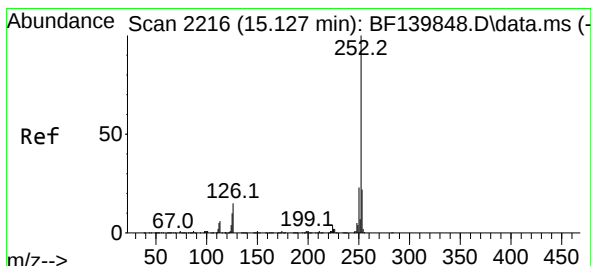
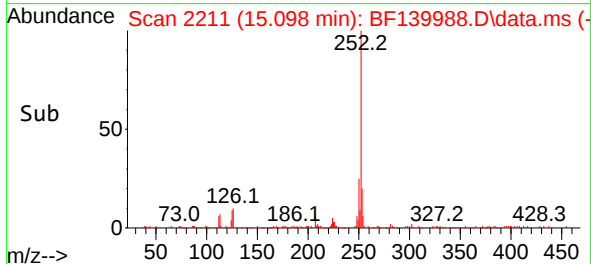
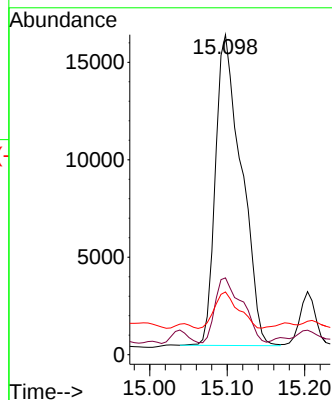
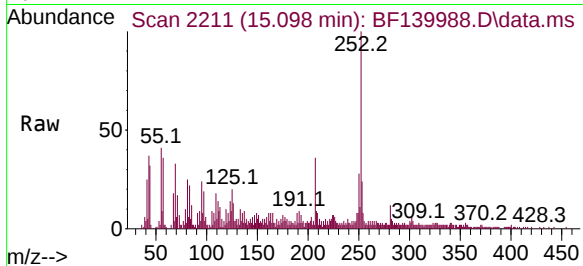




#88
Benzo(b)fluoranthene
Concen: 3.152 ng
RT: 15.098 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

Instrument :
BNA_F
ClientSampleId :
ETGI-329

Tgt Ion:252 Resp: 37182
Ion Ratio Lower Upper
252 100
253 24.0 17.6 26.4
125 19.6 7.9 11.9#



#89
Benzo(k)fluoranthene
Concen: 3.654 ng
RT: 15.098 min Scan# 2211
Delta R.T. -0.029 min
Lab File: BF139988.D
Acq: 24 Oct 2024 02:34

Tgt Ion:252 Resp: 37182
Ion Ratio Lower Upper
252 100
253 24.0 17.6 26.4
125 19.6 7.9 11.9#

