

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124139.D
 Acq On : 4 Jun 2021 14:49
 Operator : JU/CG
 Sample : M2585-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-363

Quant Time: Jun 04 15:26:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 04 09:56:24 2021
 Response via : Initial Calibration

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

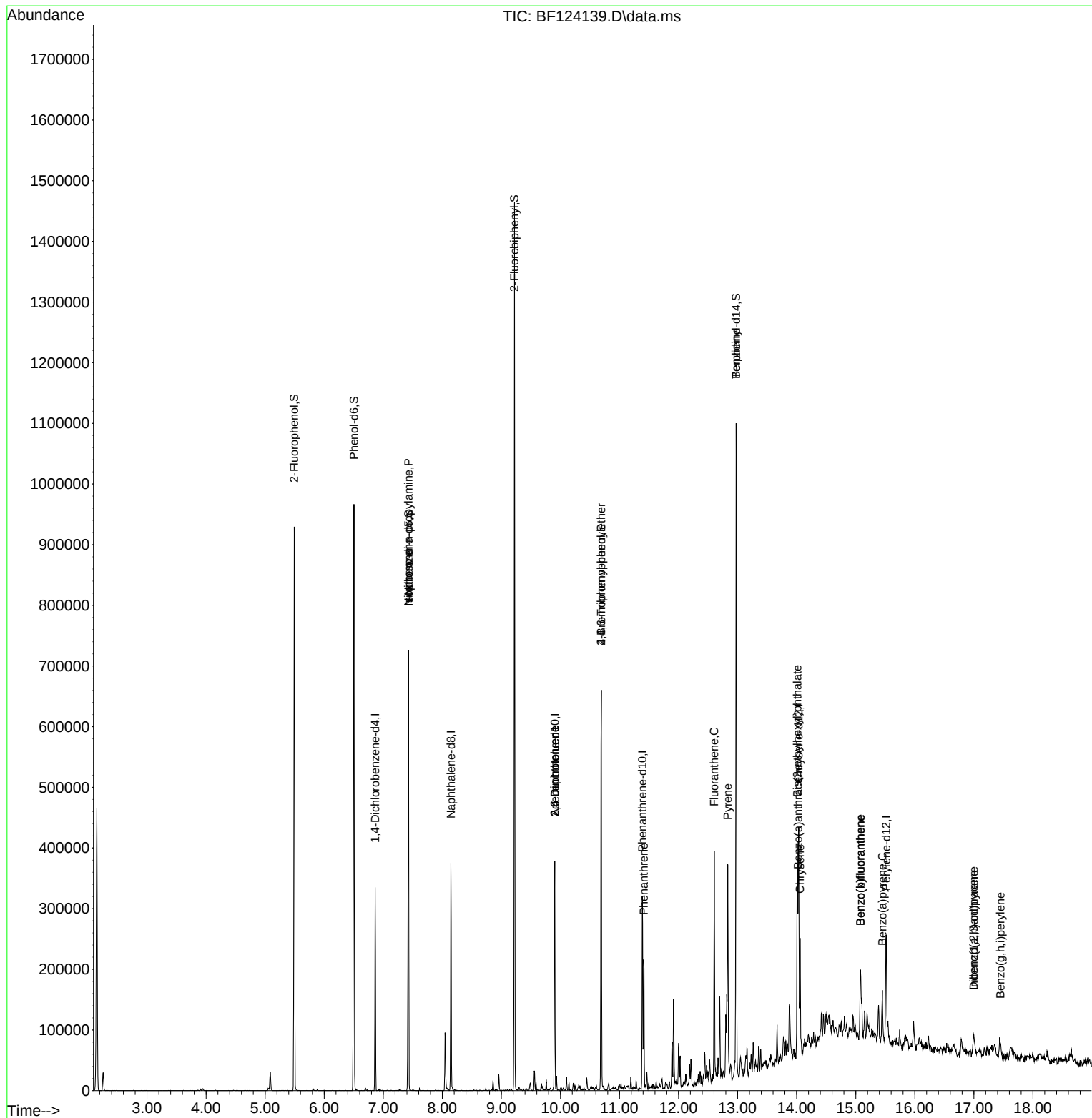
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	38167	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	133740	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	65470	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	106155	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	96151	20.000	ng	0.00
86) Perylene-d12	15.515	264	67730	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	214997	84.797	ng	0.00
7) Phenol-d6	6.504	99	255179	74.876	ng	0.00
23) Nitrobenzene-d5	7.428	82	205261	60.871	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	65199	70.291	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	333684	64.136	ng	0.00
79) Terphenyl-d14	12.974	244	313194	44.722	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	27806	11.558	ng	# 71
25) Isophorone	7.428	82	205257	33.779	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	8690	6.997	ng	# 14
57) 2,4-Dinitrotoluene	9.904	165	8690	5.305	ng	# 19
67) 4-Bromophenyl-phenylether	10.692	248	4499	3.088	ng	# 1
71) Phenanthrene	11.410	178	73895	11.143	ng	97
75) Fluoranthene	12.604	202	122441	17.590	ng	98
77) Benzidine	12.974	184	6848	6.858	ng	# 94
78) Pyrene	12.833	202	124997	13.538	ng	100
81) Benzo(a)anthracene	14.021	228	52645	7.516	ng	99
83) Chrysene	14.057	228	57946	8.574	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	79923	17.939	ng	97
87) Indeno(1,2,3-cd)pyrene	16.998	276	19530	7.487	ng	# 90
88) Benzo(b)fluoranthene	15.080	252	74293	14.121	ng	# 95
89) Benzo(k)fluoranthene	15.080	252	74293	14.916	ng	# 96
90) Benzo(a)pyrene	15.451	252	33508	7.332	ng	93
91) Dibenzo(a,h)anthracene	16.998	278	2151	4.583	ng	# 65
92) Benzo(g,h,i)perylene	17.451	276	17849	7.268	ng	# 64

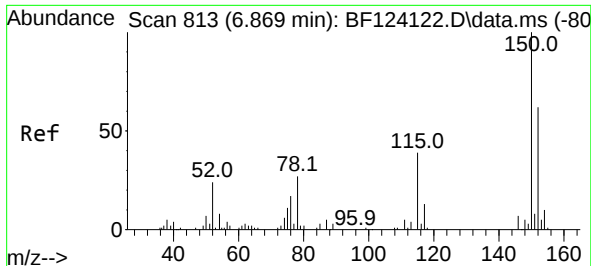
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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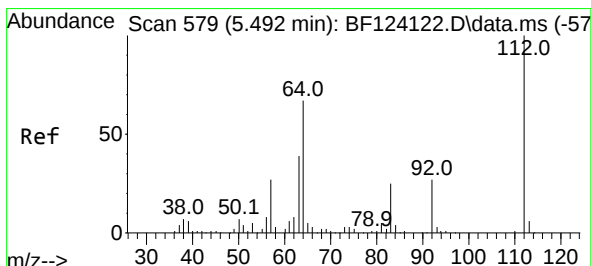
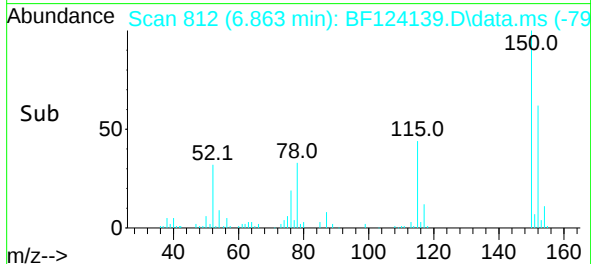
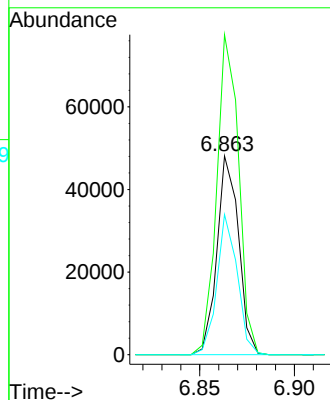
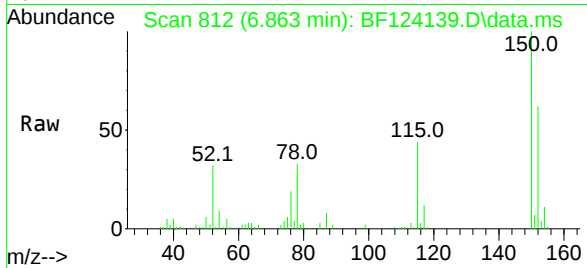




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

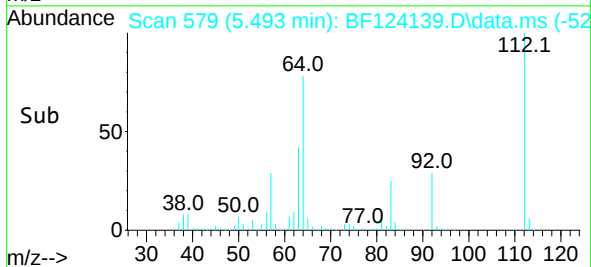
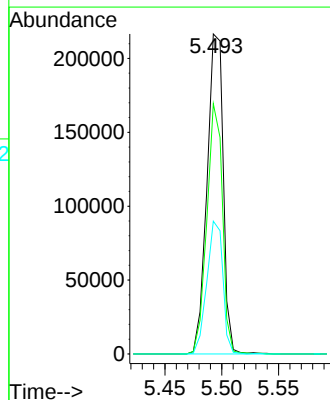
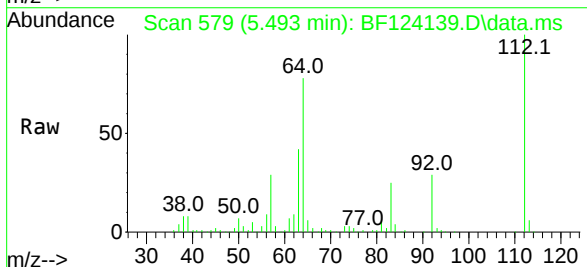
Instrument :
BNA_F
ClientSampleId :
ETGI-363

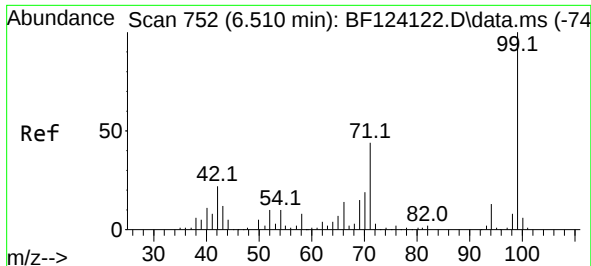
Tgt Ion:152 Resp: 38167
Ion Ratio Lower Upper
152 100
150 161.0 127.0 190.6
115 70.5 54.3 81.5



#5
2-Fluorophenol
Concen: 84.797 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Tgt Ion:112 Resp: 214997
Ion Ratio Lower Upper
112 100
64 78.2 61.4 92.0
63 41.5 33.0 49.4

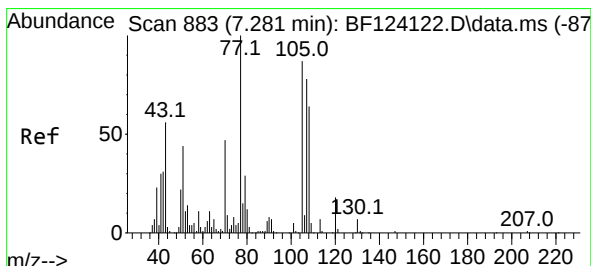
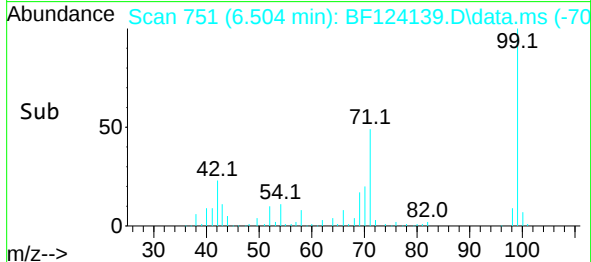
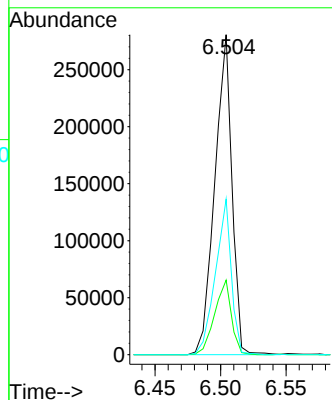
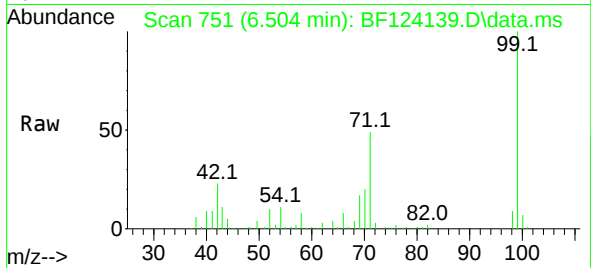




#7
Phenol-d6
Concen: 74.876 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

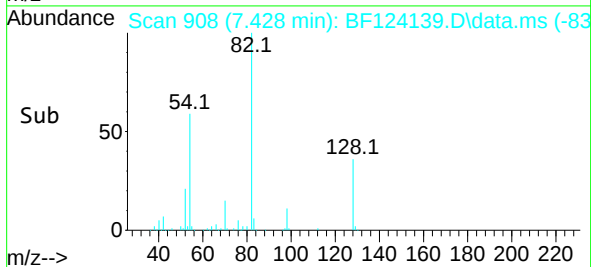
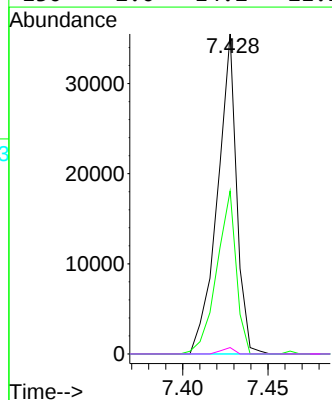
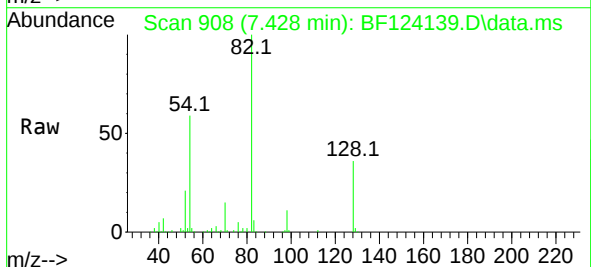
Instrument :
BNA_F
ClientSampleId :
ETGI-363

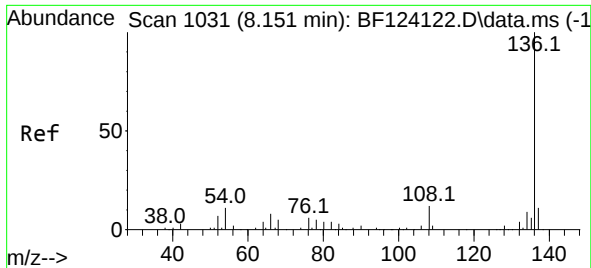
Tgt Ion: 99 Resp: 255179
Ion Ratio Lower Upper
99 100
42 23.3 19.8 29.8
71 48.6 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 11.558 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Tgt Ion: 70 Resp: 27806
Ion Ratio Lower Upper
70 100
42 50.9 60.1 90.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.2#



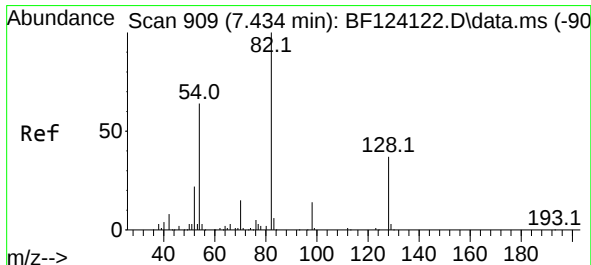
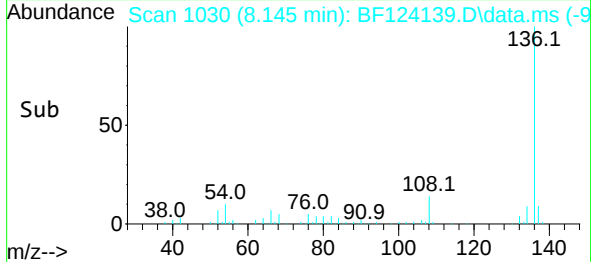
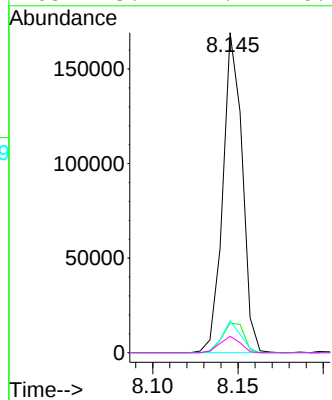
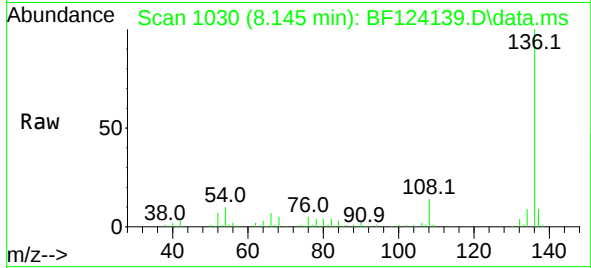


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Instrument :
BNA_F
ClientSampleId :
ETGI-363

Tgt Ion:136 Resp: 133740

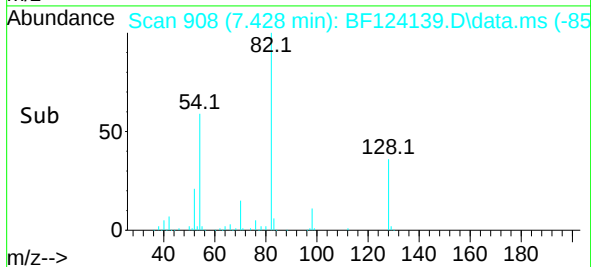
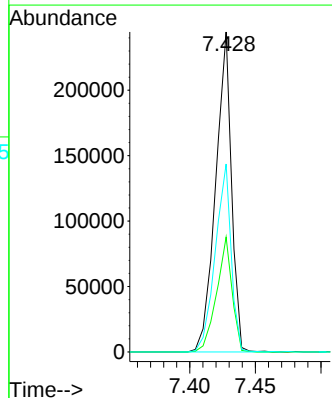
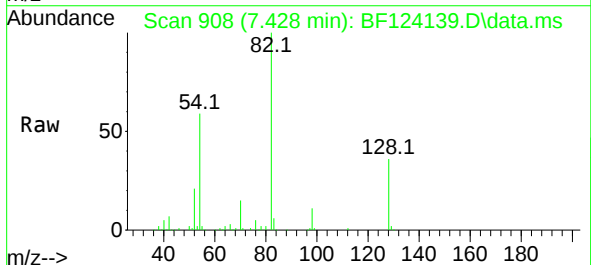
Ion	Ratio	Lower	Upper
136	100		
137	9.3	8.7	13.1
54	10.0	9.8	14.6
68	5.1	4.1	6.1

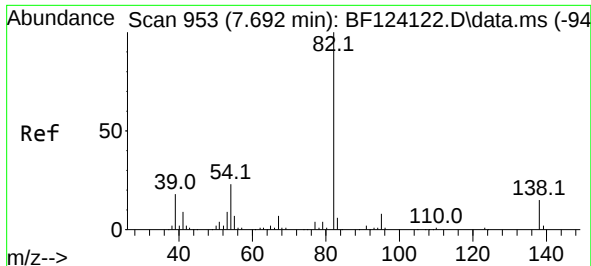


#23
Nitrobenzene-d5
Concen: 60.871 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Tgt Ion: 82 Resp: 205261

Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.4	44.2
54	58.8	54.1	81.1

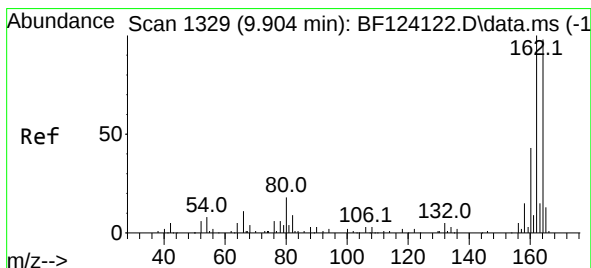
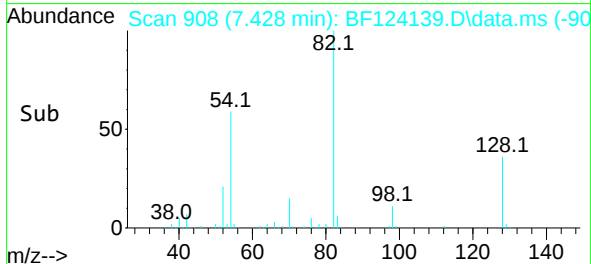
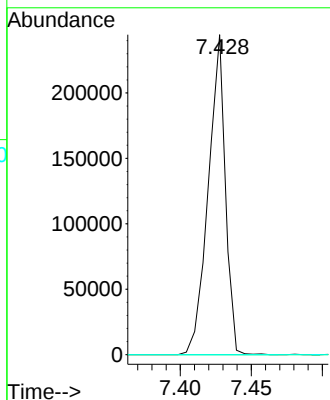
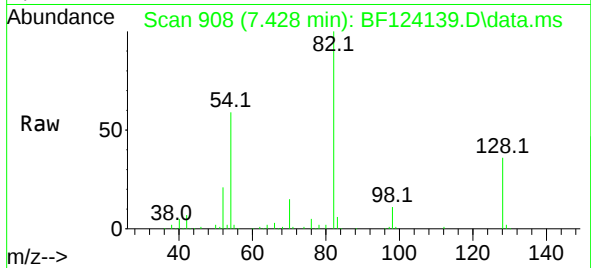




#25
Isophorone
Concen: 33.779 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

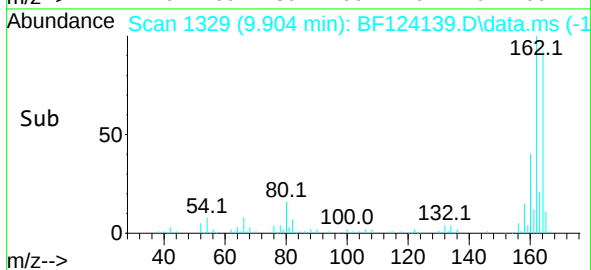
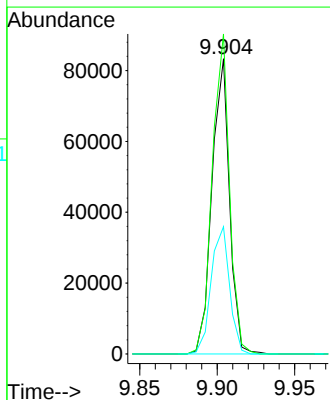
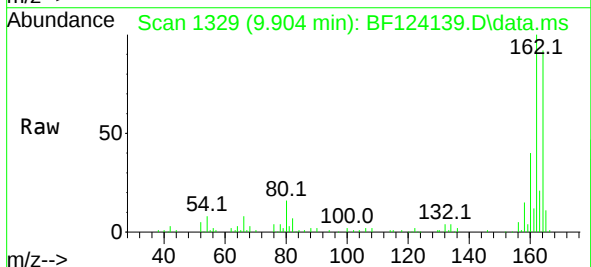
Instrument :
BNA_F
ClientSampleId :
ETGI-363

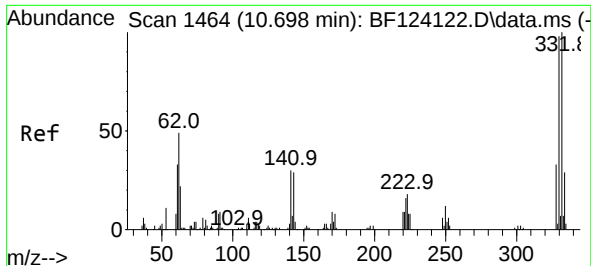
Tgt Ion: 82 Resp: 205257
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Tgt Ion: 164 Resp: 65470
Ion Ratio Lower Upper
164 100
162 108.4 80.7 121.1
160 43.1 37.3 55.9

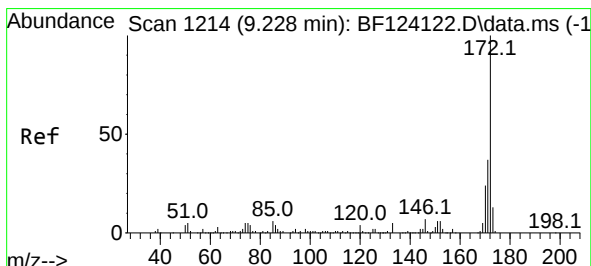
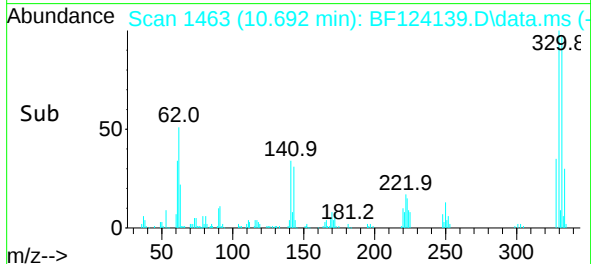
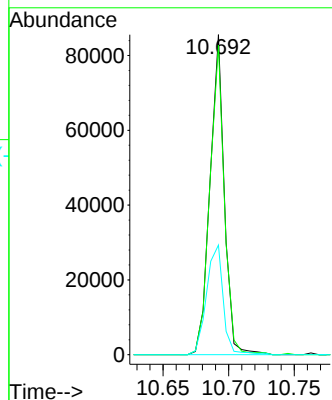
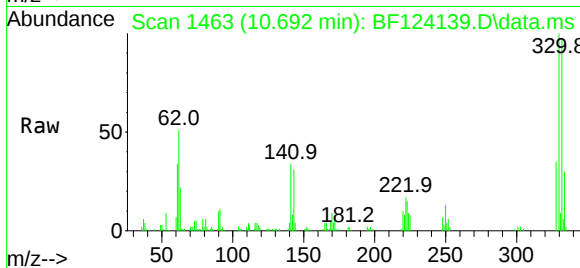




#42
2,4,6-Tribromophenol
Concen: 70.291 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

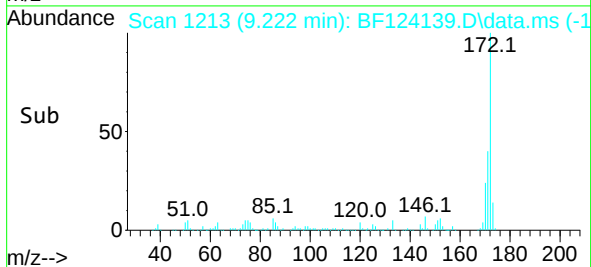
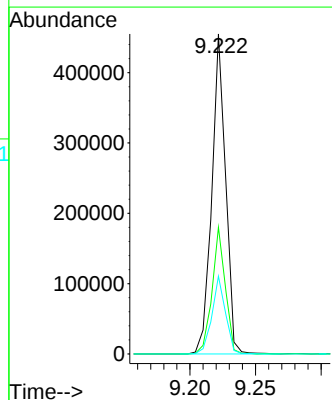
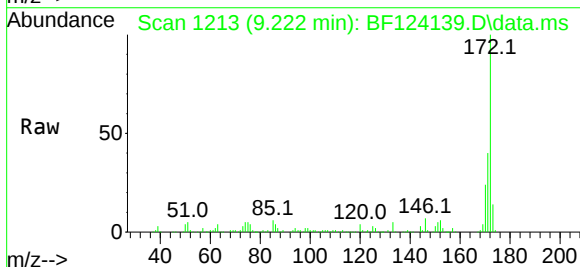
Instrument :
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ClientSampleId :
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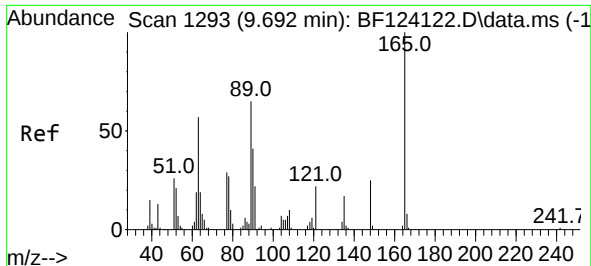
Tgt Ion: 330 Resp: 65199
Ion Ratio Lower Upper
330 100
332 98.2 77.1 115.7
141 40.0 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 64.136 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Tgt Ion: 172 Resp: 333684
Ion Ratio Lower Upper
172 100
171 39.6 28.1 42.1
170 24.3 19.2 28.8

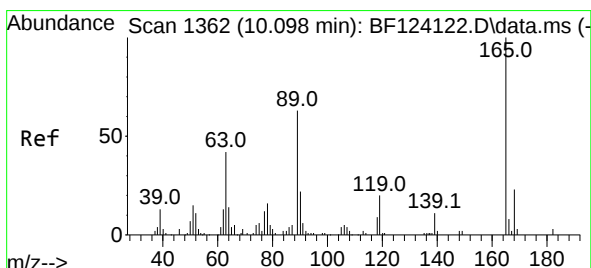
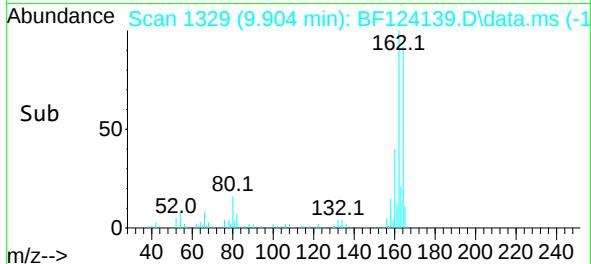
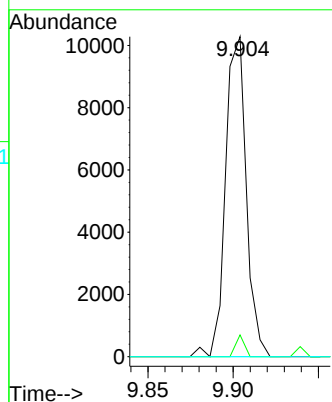
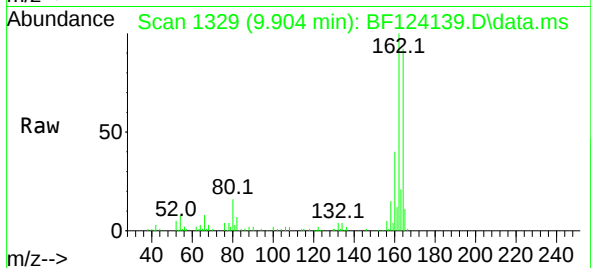




#51
2,6-Dinitrotoluene
Concen: 6.997 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

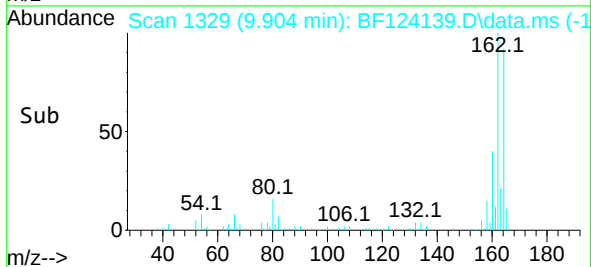
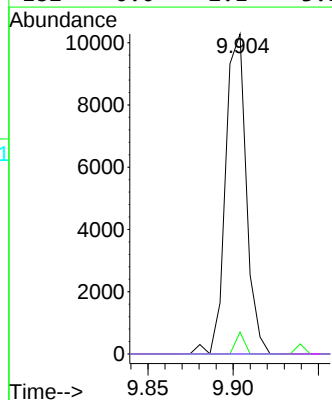
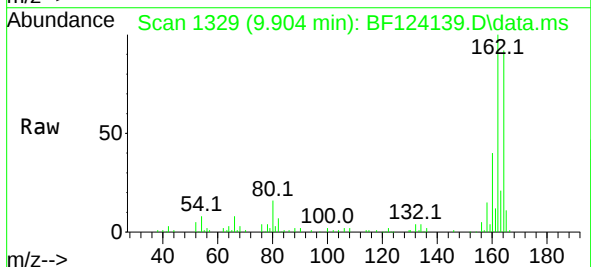
Instrument :
BNA_F
ClientSampled :
ETGI-363

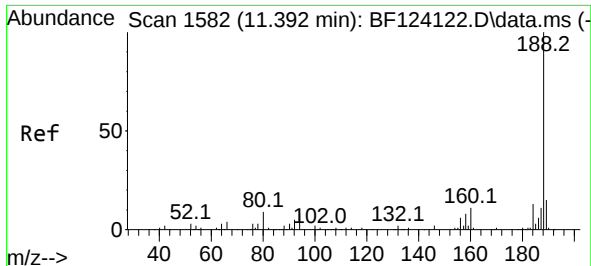
Tgt Ion:165 Resp: 8690
Ion Ratio Lower Upper
165 100
63 6.8 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.305 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Tgt Ion:165 Resp: 8690
Ion Ratio Lower Upper
165 100
63 6.8 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

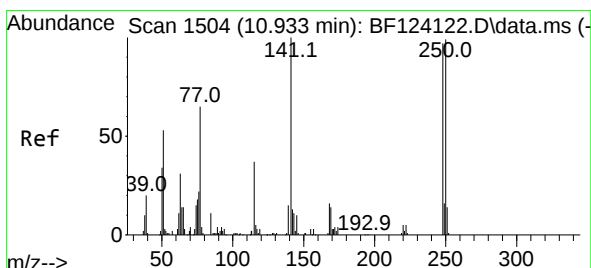
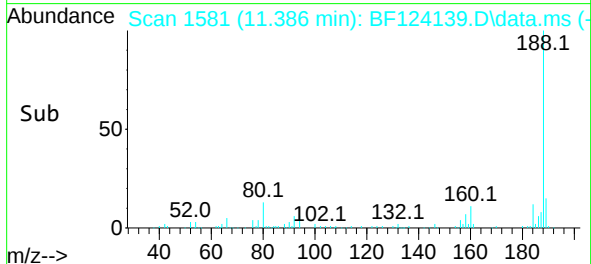
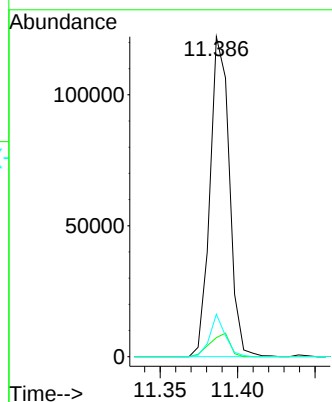
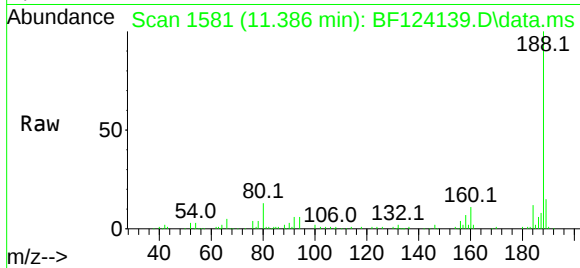




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

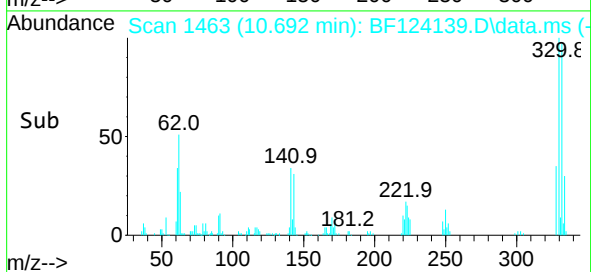
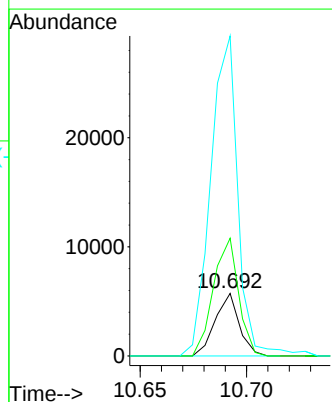
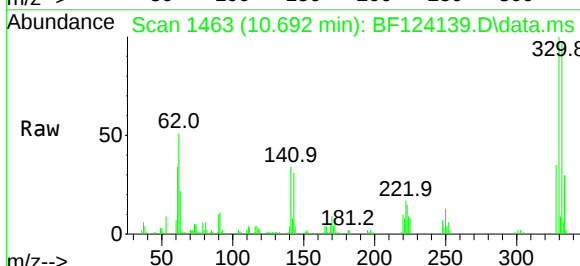
Instrument :
BNA_F
ClientSampleId :
ETGI-363

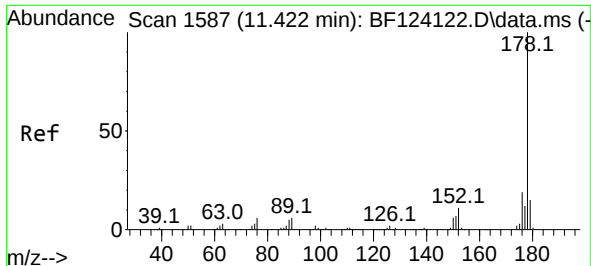
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Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 13.2 8.2 12.2#



#67
4-Bromophenyl-phenylether
Concen: 3.088 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Tgt Ion:248 Resp: 4499
Ion Ratio Lower Upper
248 100
250 188.2 77.4 116.2#
141 511.4 63.7 95.5#

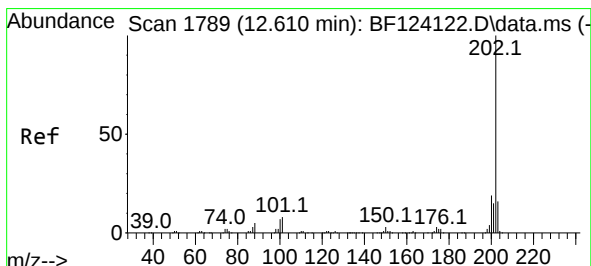
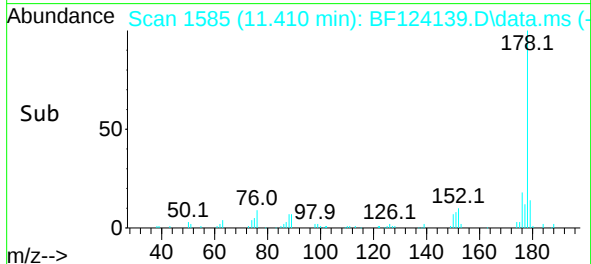
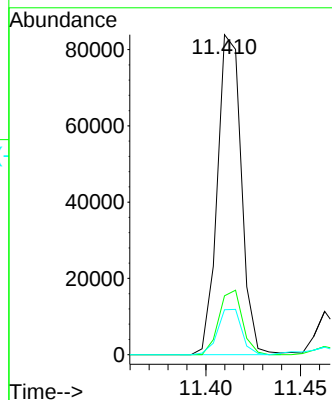
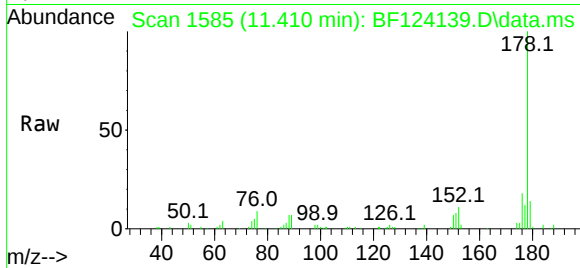




#71
Phenanthrene
Concen: 11.143 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

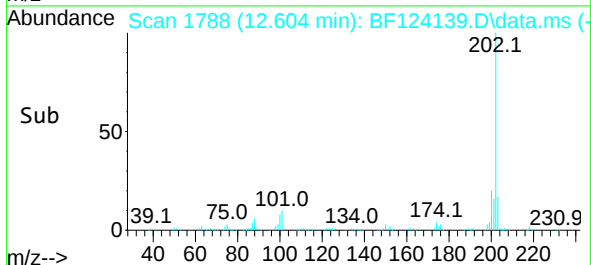
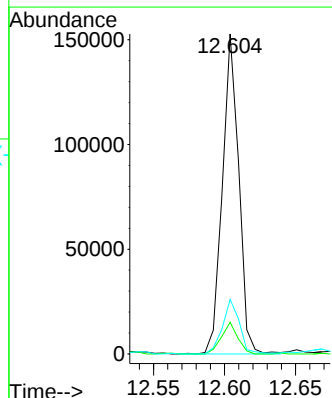
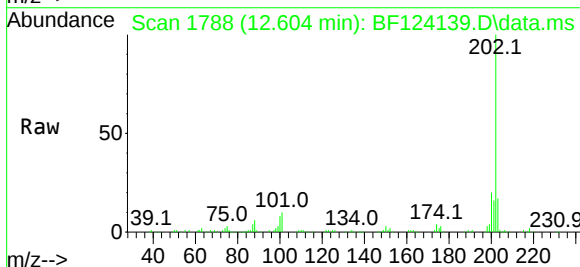
Instrument :
BNA_F
ClientSampled :
ETGI-363

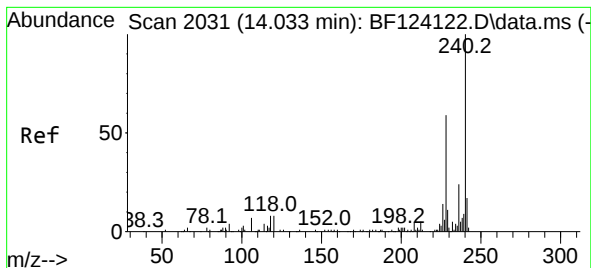
Tgt Ion:178 Resp: 73895
Ion Ratio Lower Upper
178 100
176 18.4 15.6 23.4
179 14.1 12.5 18.7



#75
Fluoranthene
Concen: 17.590 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Tgt Ion:202 Resp: 122441
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.9
203 17.1 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF124139.D

Acq: 4 Jun 2021 14:49

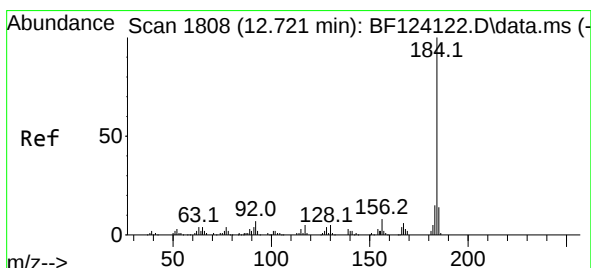
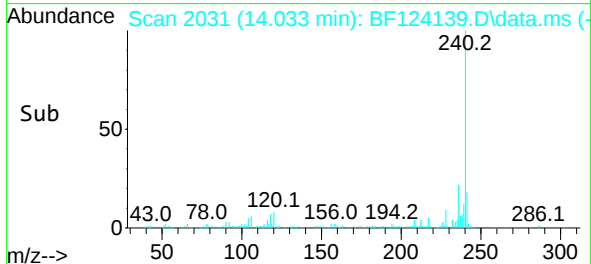
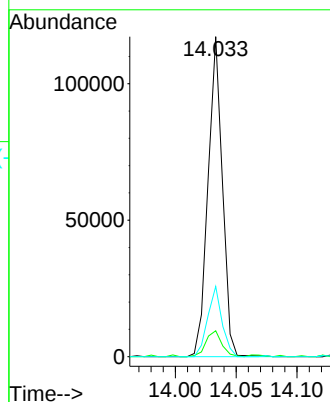
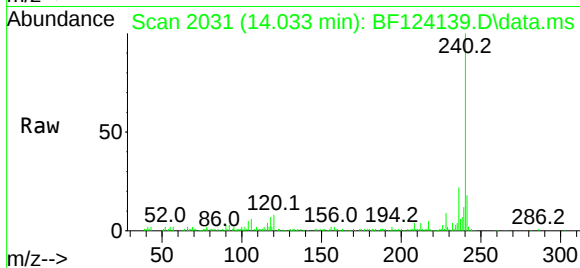
Instrument :

BNA_F

ClientSampleId :

ETGI-363

Tgt Ion:240	Resp:	96151
Ion Ratio	Lower	Upper
240	100	
120	8.1	7.2 10.8
236	22.0	19.0 28.4



#77

Benzidine

Concen: 6.858 ng

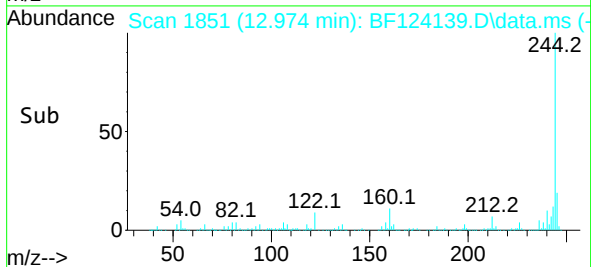
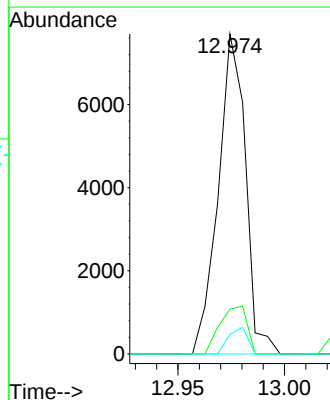
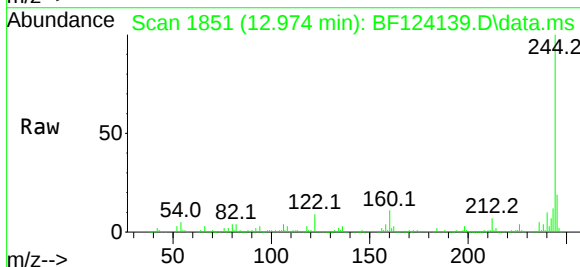
RT: 12.974 min Scan# 1851

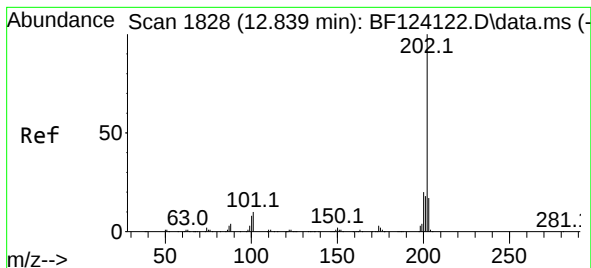
Delta R.T. 0.253 min

Lab File: BF124139.D

Acq: 4 Jun 2021 14:49

Tgt Ion:184	Resp:	6848
Ion Ratio	Lower	Upper
184	100	
185	14.0	12.1 18.1
183	6.1	7.8 11.8#





#78

Pyrene

Concen: 13.538 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF124139.D

Acq: 4 Jun 2021 14:49

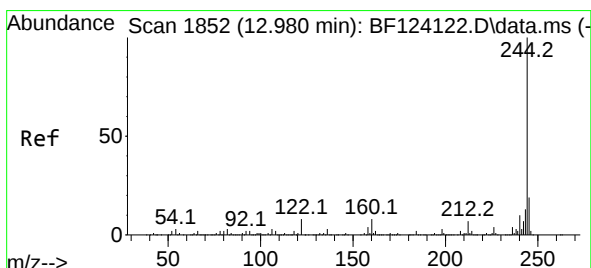
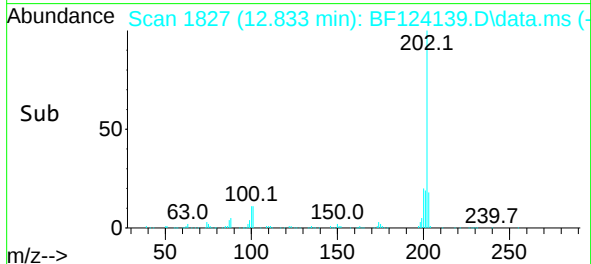
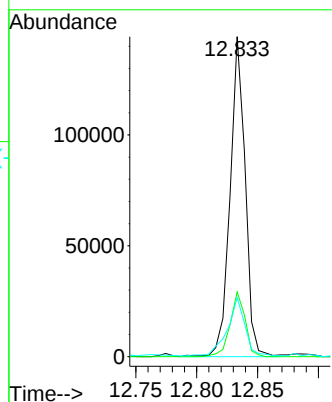
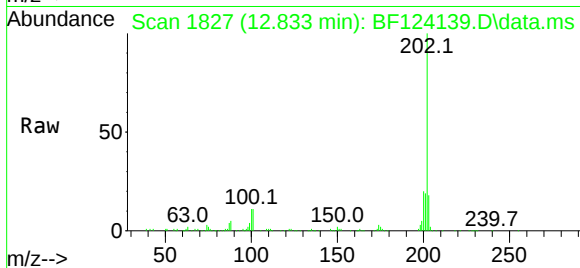
Tgt Ion:202 Resp: 124997

Ion Ratio Lower Upper

202 100

200 20.2 16.1 24.1

203 18.4 14.8 22.2



#79

Terphenyl-d14

Concen: 44.722 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF124139.D

Acq: 4 Jun 2021 14:49

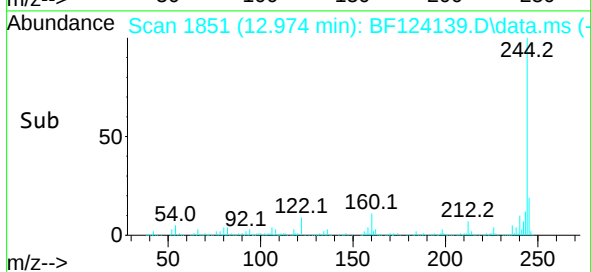
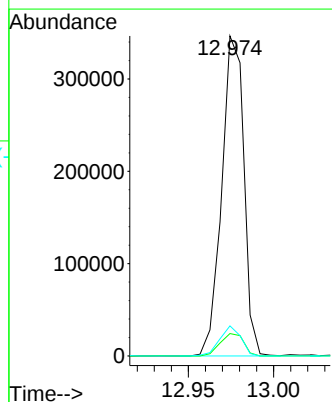
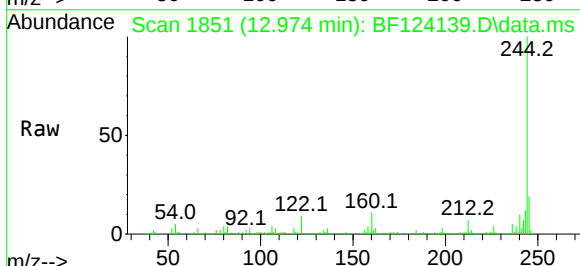
Tgt Ion:244 Resp: 313194

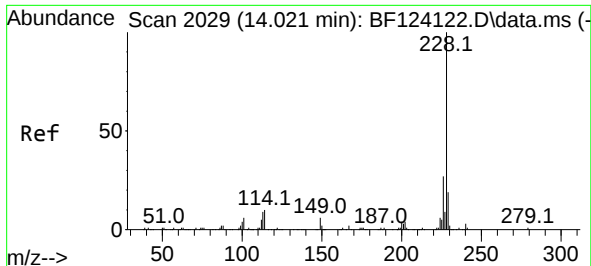
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 9.4 9.7 14.5#

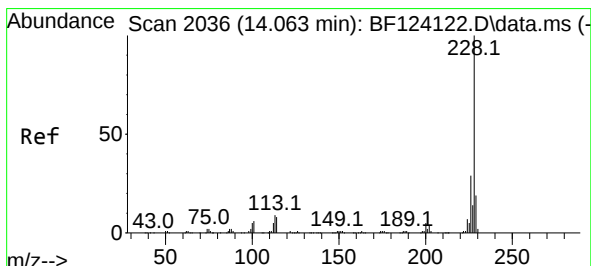
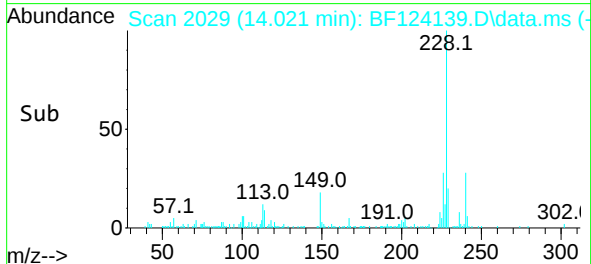
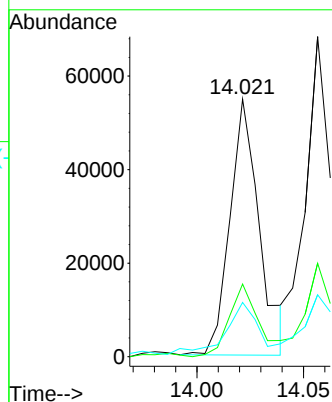
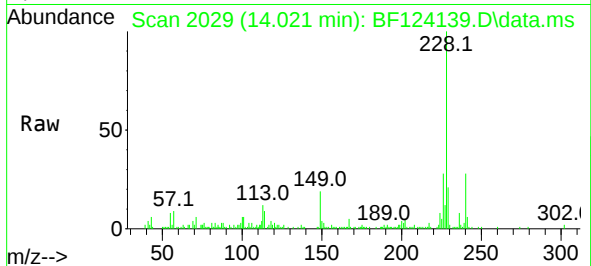




#81
Benzo(a)anthracene
Concen: 7.516 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

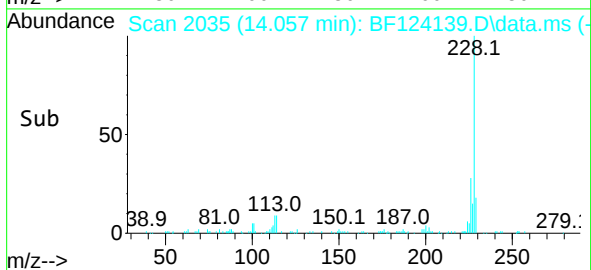
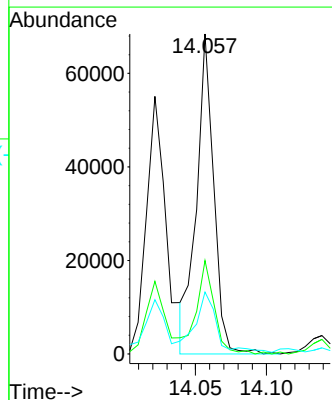
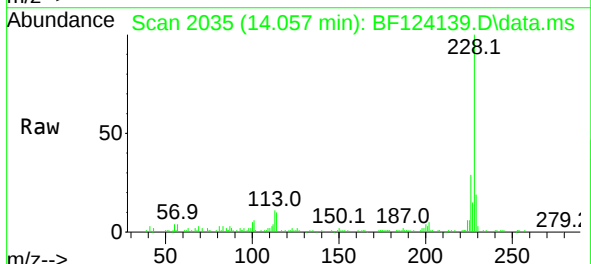
Instrument :
BNA_F
ClientSampled :
ETGI-363

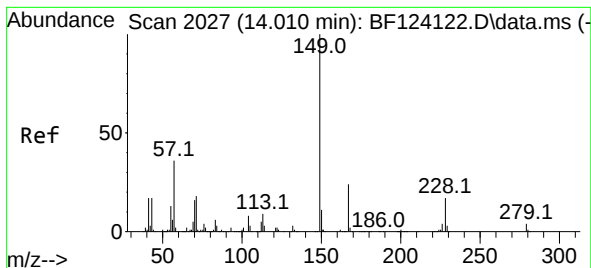
Tgt Ion:228 Resp: 52645
Ion Ratio Lower Upper
228 100
226 28.2 22.4 33.6
229 21.1 16.0 24.0



#83
Chrysene
Concen: 8.574 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Tgt Ion:228 Resp: 57946
Ion Ratio Lower Upper
228 100
226 29.2 24.3 36.5
229 19.4 16.2 24.2

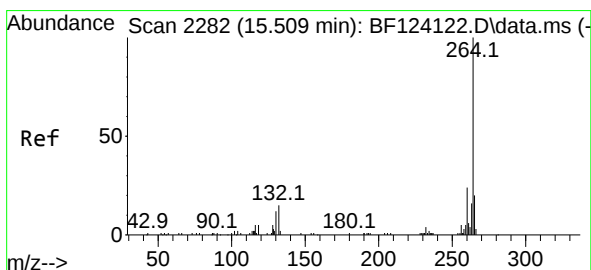
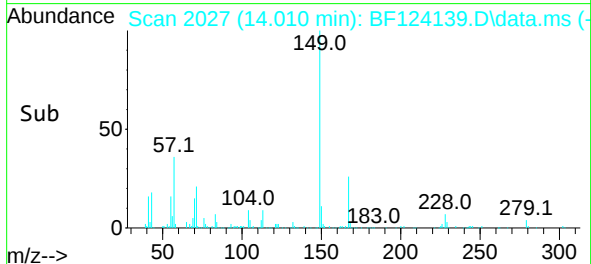
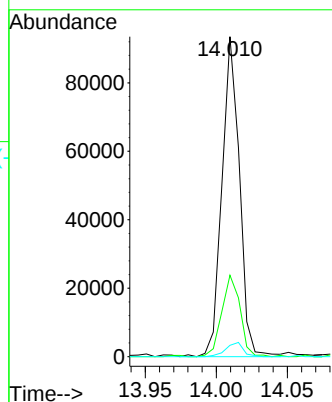
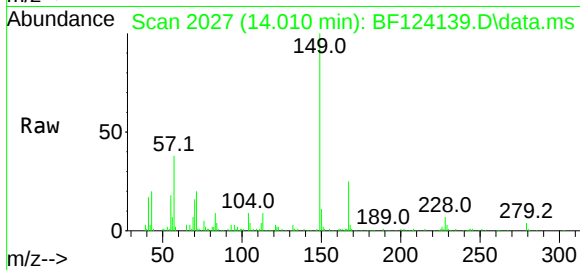




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 17.939 ng
 RT: 14.010 min Scan# 2027
 Delta R.T. 0.000 min
 Lab File: BF124139.D
 Acq: 4 Jun 2021 14:49

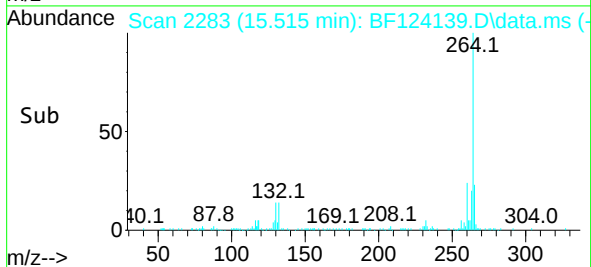
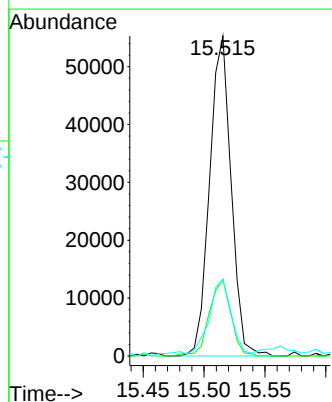
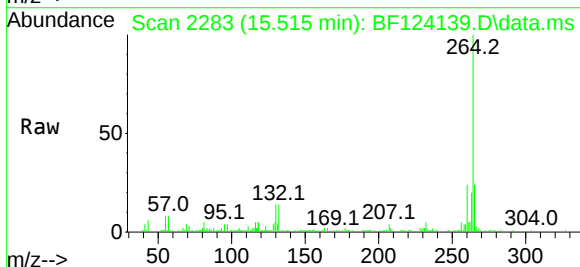
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-363

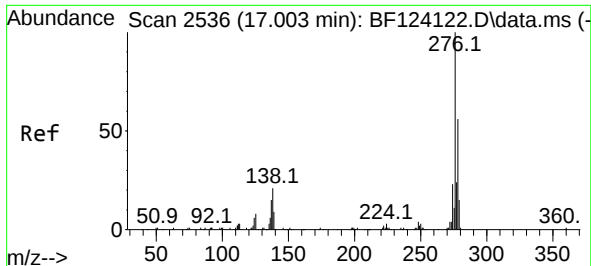
Tgt Ion:149 Resp: 79923
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.8 32.6
 279 3.5 3.3 4.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.006 min
 Lab File: BF124139.D
 Acq: 4 Jun 2021 14:49

Tgt Ion:264 Resp: 67730
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 23.9 17.8 26.8

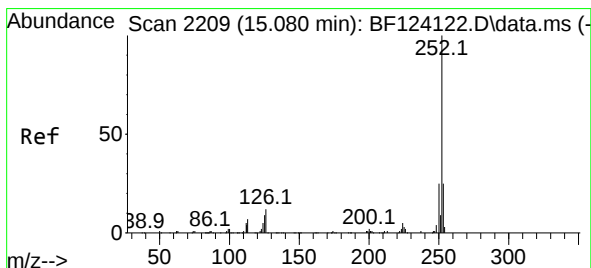
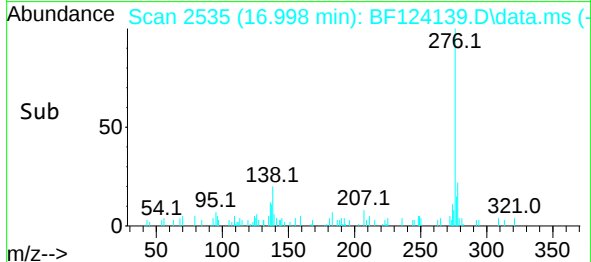
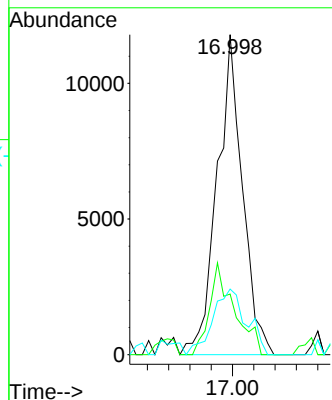
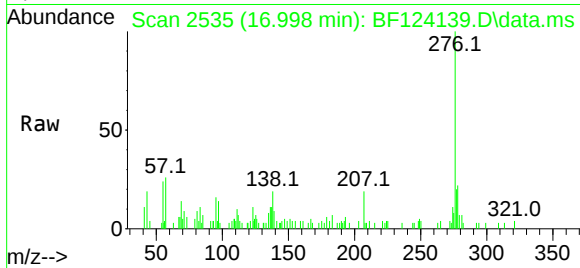




#87
Indeno(1,2,3-cd)pyrene
Concen: 7.487 ng
RT: 16.998 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

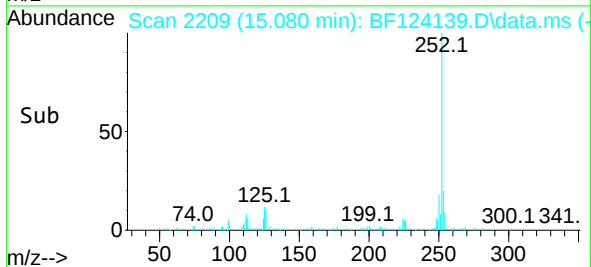
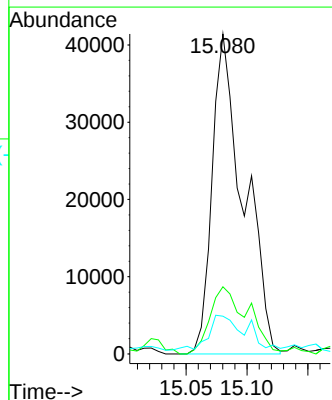
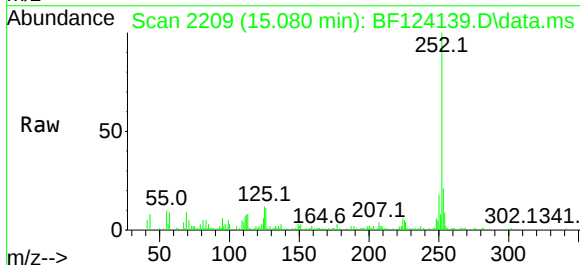
Instrument :
BNA_F
ClientSampleId :
ETGI-363

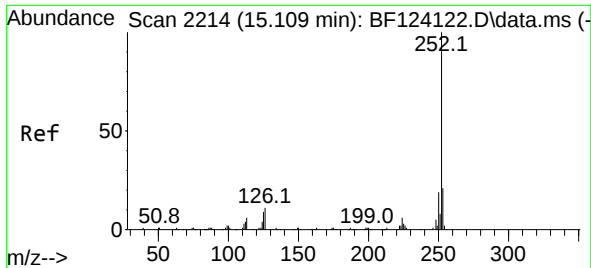
Tgt Ion:276 Resp: 19530
Ion Ratio Lower Upper
276 100
138 27.9 16.2 24.2#
277 27.1 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 14.121 ng
RT: 15.080 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Tgt Ion:252 Resp: 74293
Ion Ratio Lower Upper
252 100
253 21.0 18.1 27.1
125 11.8 6.2 9.4#

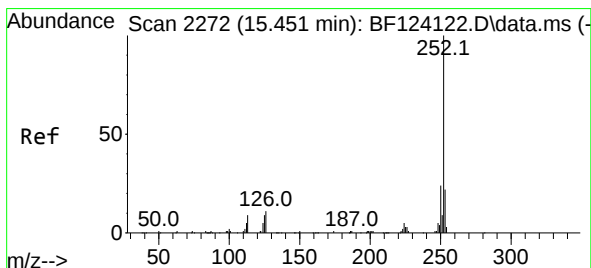
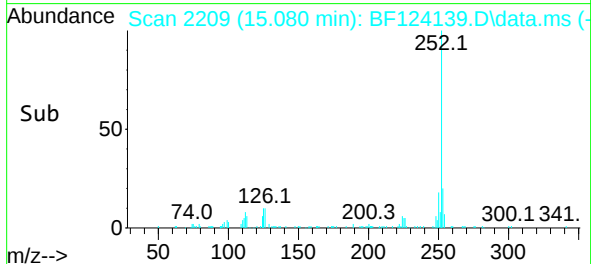
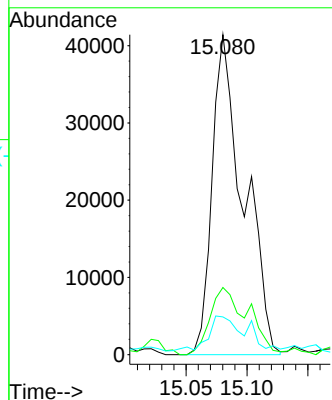
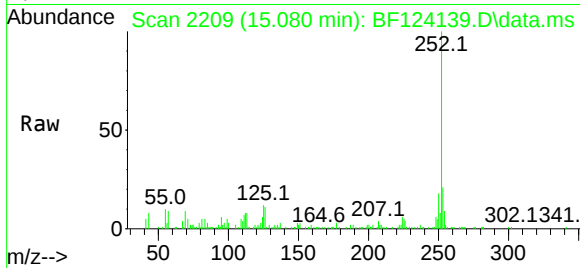




#89
Benzo(k)fluoranthene
Concen: 14.916 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.029 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

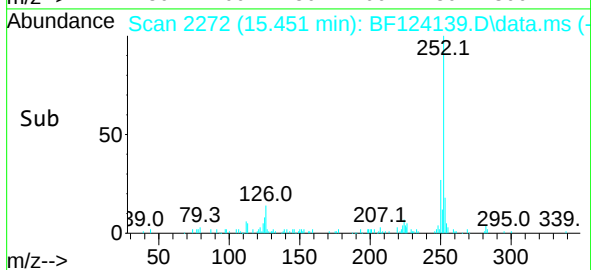
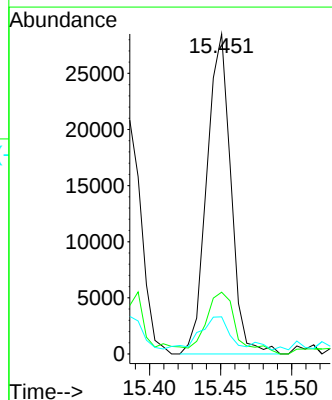
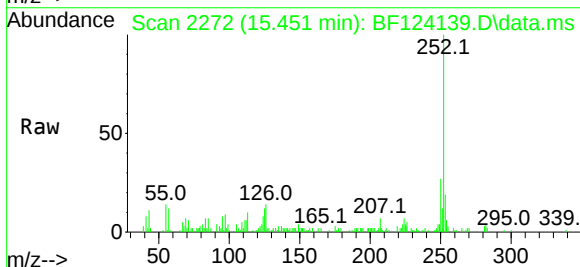
Instrument :
BNA_F
ClientSampleId :
ETGI-363

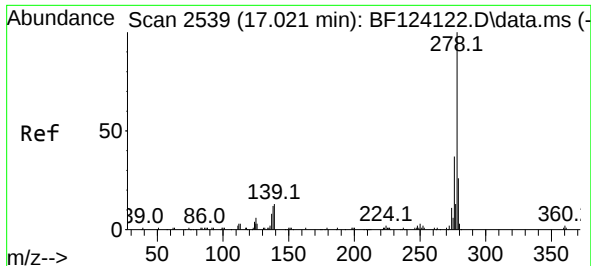
Tgt Ion:252 Resp: 74293
Ion Ratio Lower Upper
252 100
253 21.0 17.9 26.9
125 11.8 7.0 10.6#



#90
Benzo(a)pyrene
Concen: 7.332 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Tgt Ion:252 Resp: 33508
Ion Ratio Lower Upper
252 100
253 19.3 18.4 27.6
125 11.6 8.0 12.0

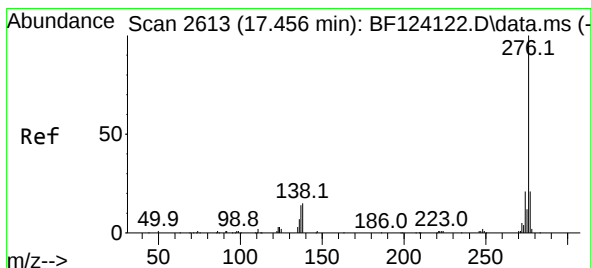
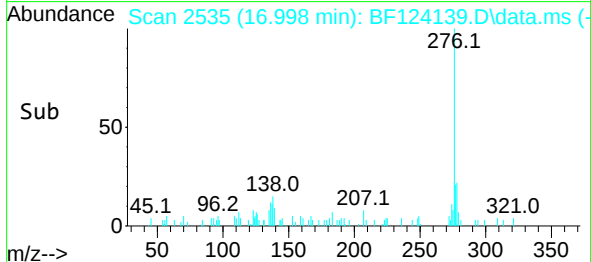
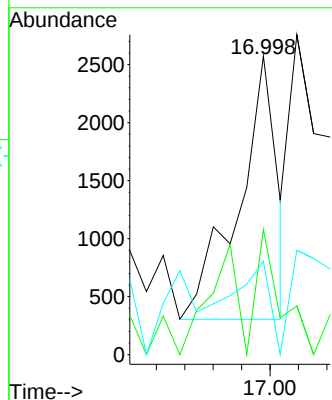
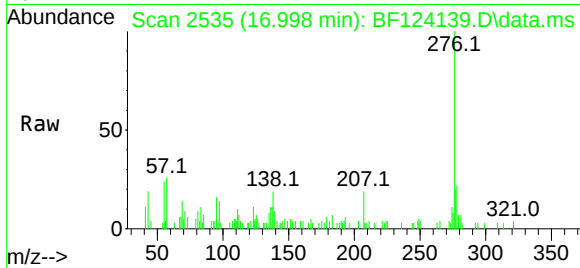




#91
Dibenzo(a,h)anthracene
Concen: 4.583 ng
RT: 16.998 min Scan# 2535
Delta R.T. -0.023 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Instrument :
BNA_F
ClientSampleId :
ETGI-363

Tgt Ion:278 Resp: 2151
Ion Ratio Lower Upper
278 100
139 42.0 10.2 15.2#
279 31.2 19.4 29.0#



#92
Benzo(g,h,i)perylene
Concen: 7.268 ng
RT: 17.451 min Scan# 2612
Delta R.T. -0.005 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Tgt Ion:276 Resp: 17849
Ion Ratio Lower Upper
276 100
277 30.1 18.2 27.2#
138 44.3 13.8 20.6#

