

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090721\
 Data File : BF125386.D
 Acq On : 7 Sep 2021 14:15
 Operator : JU/CG
 Sample : M3660-01 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-332

Quant Time: Sep 07 14:45:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 11:56:34 2021
 Response via : Initial Calibration

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

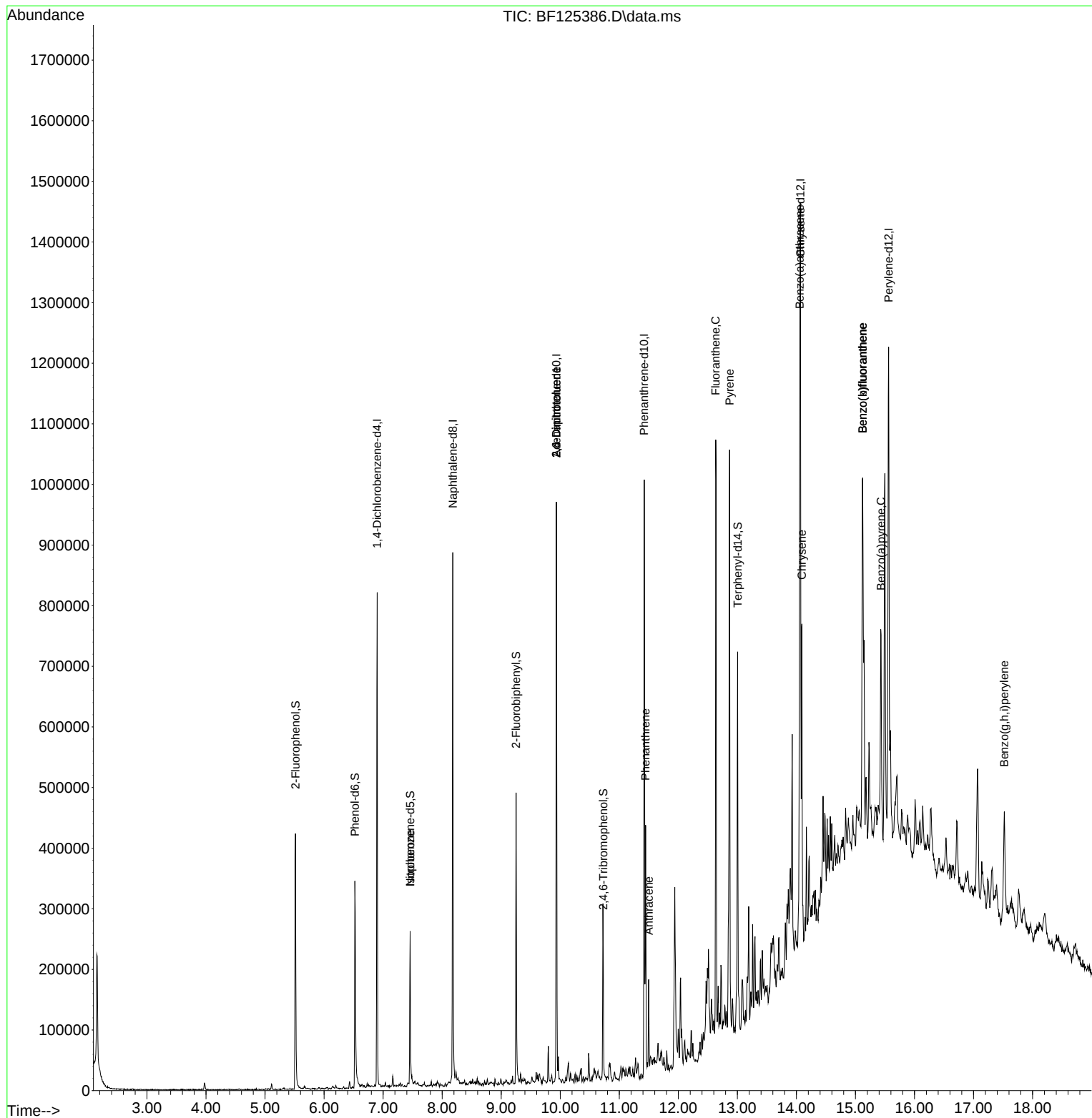
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	117830	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	373867	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	185334	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	344558	20.000	ng	0.00
76) Chrysene-d12	14.068	240	354204	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	374001	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	122471	15.732	ng	0.00
7) Phenol-d6	6.522	99	135636	13.472	ng	-0.01
23) Nitrobenzene-d5	7.457	82	81082	10.918	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	32208	17.409	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	150704	11.333	ng	0.00
79) Terphenyl-d14	13.004	244	197787	8.896	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.457	82	81081	5.660	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	23347	8.383	ng	# 28
57) 2,4-Dinitrotoluene	9.933	165	23347	6.927	ng	# 20
71) Phenanthrene	11.445	178	137340	7.234	ng	98
72) Anthracene	11.498	178	51600	2.757	ng	99
75) Fluoranthene	12.633	202	394567	20.945	ng	98
78) Pyrene	12.868	202	401264	13.207	ng	97
81) Benzo(a)anthracene	14.057	228	263614	10.329	ng	96
83) Chrysene	14.092	228	236141	9.356	ng	97
88) Benzo(b)fluoranthene	15.121	252	492402	18.021	ng	94
89) Benzo(k)fluoranthene	15.121	252	492402	19.312	ng	96
90) Benzo(a)pyrene	15.433	252	177578	7.357	ng	98
92) Benzo(g,h,i)perylene	17.521	276	144965	6.455	ng	# 90

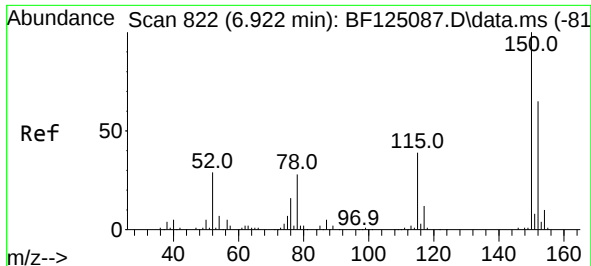
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090721\
Data File : BF125386.D
Acq On : 7 Sep 2021 14:15
Operator : JU/CG
Sample : M3660-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-332

Quant Time: Sep 07 14:45:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 11:56:34 2021
Response via : Initial Calibration

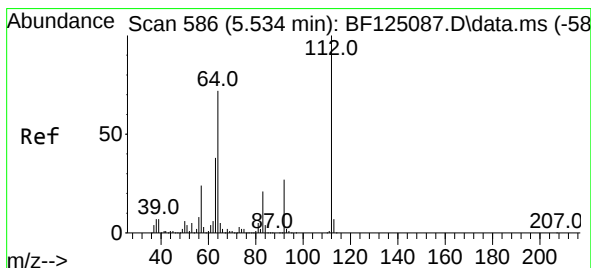
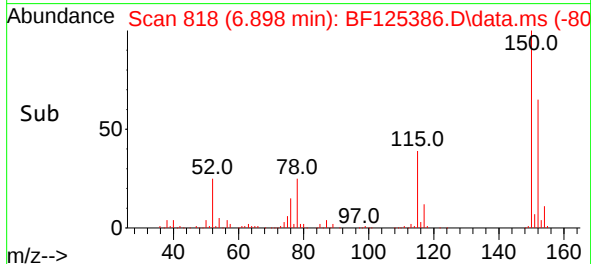
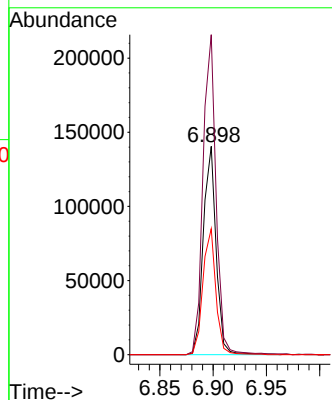
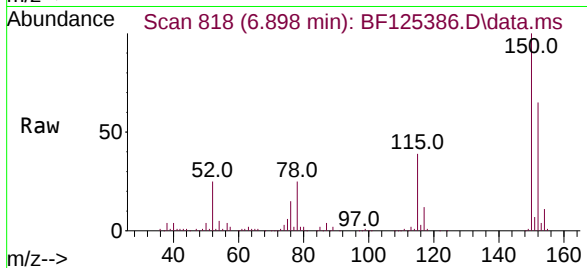




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125386.D
Acq: 7 Sep 2021 14:15

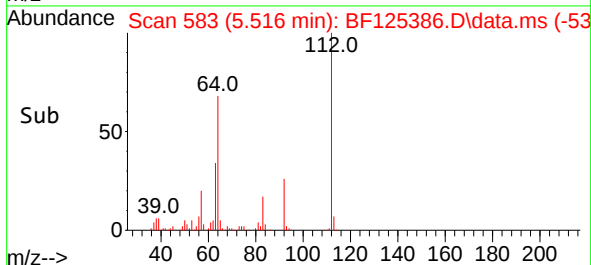
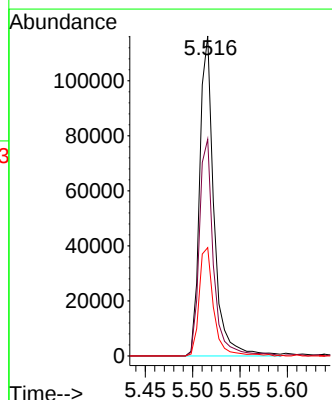
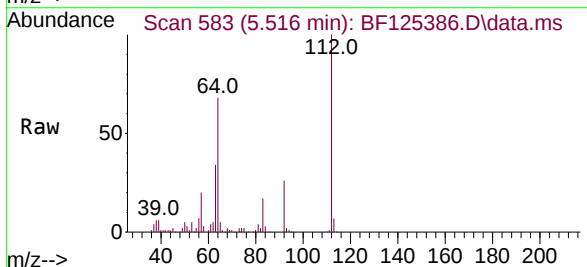
Instrument :
BNA_F
ClientSampleId :
ETGI-332

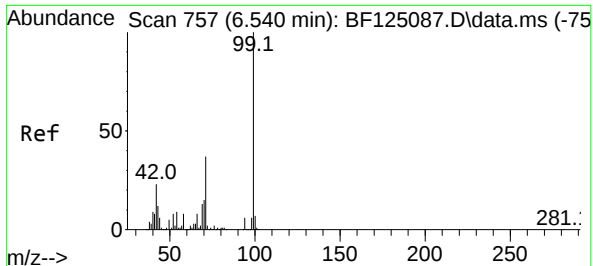
Tgt Ion:152 Resp: 117830
Ion Ratio Lower Upper
152 100
150 153.6 117.6 176.4
115 60.5 47.1 70.7



#5
2-Fluorophenol
Concen: 15.732 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.006 min
Lab File: BF125386.D
Acq: 7 Sep 2021 14:15

Tgt Ion:112 Resp: 122471
Ion Ratio Lower Upper
112 100
64 67.8 44.2 66.2#
63 33.9 26.2 39.2

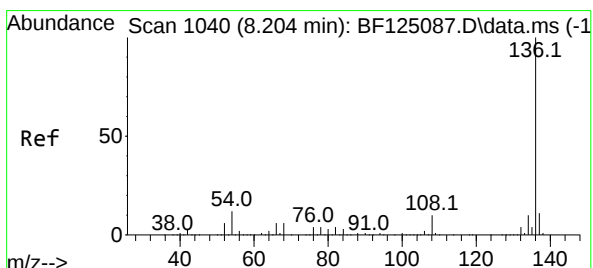
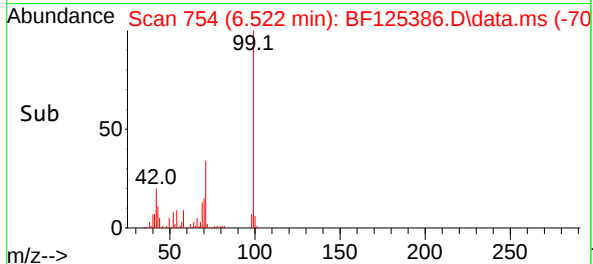
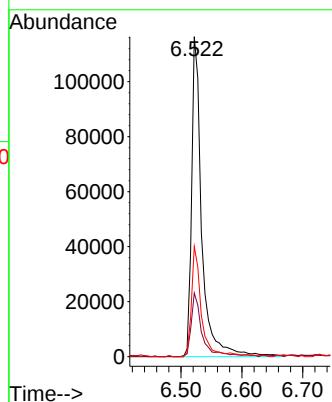
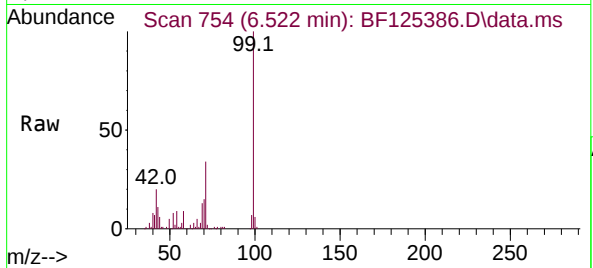




#7
Phenol-d6
Concen: 13.472 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125386.D
Acq: 7 Sep 2021 14:15

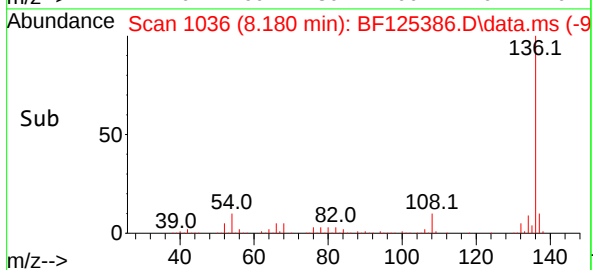
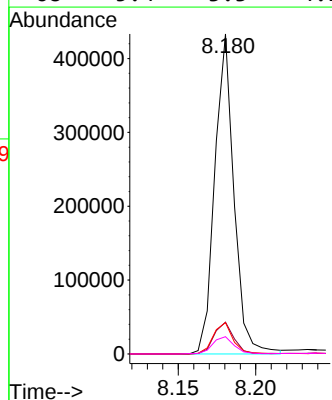
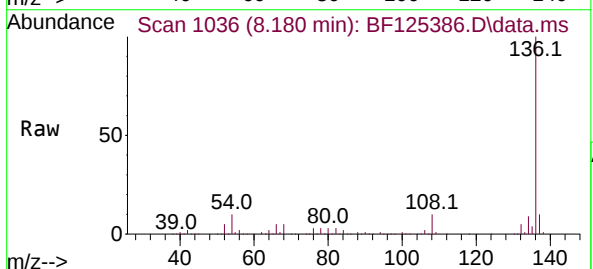
Instrument :
BNA_F
ClientSampleId :
ETGI-332

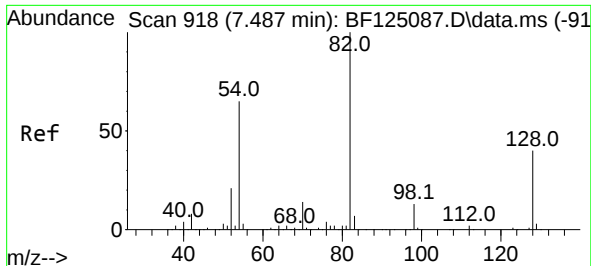
Tgt Ion: 99 Resp: 135636
Ion Ratio Lower Upper
99 100
42 19.9 23.5 35.3#
71 34.5 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125386.D
Acq: 7 Sep 2021 14:15

Tgt Ion: 136 Resp: 373867
Ion Ratio Lower Upper
136 100
137 10.0 9.8 14.6
54 9.8 6.4 9.6#
68 5.4 3.3 4.9#

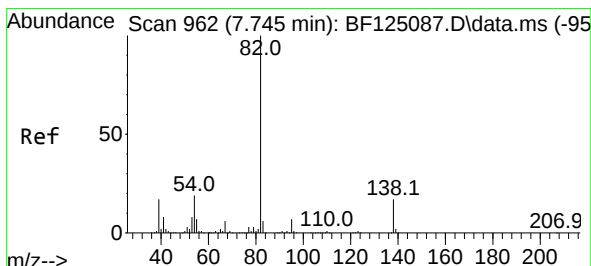
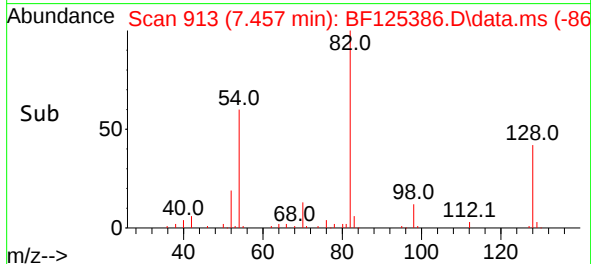
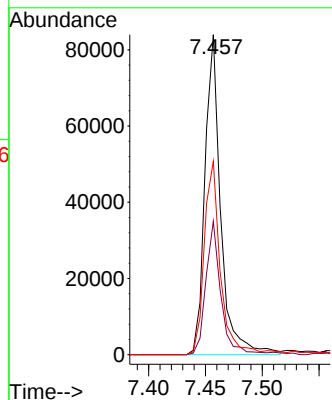
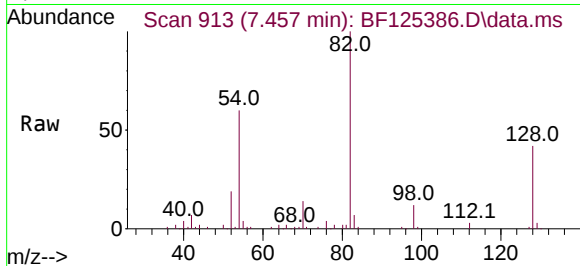




#23
Nitrobenzene-d5
Concen: 10.918 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF125386.D
Acq: 7 Sep 2021 14:15

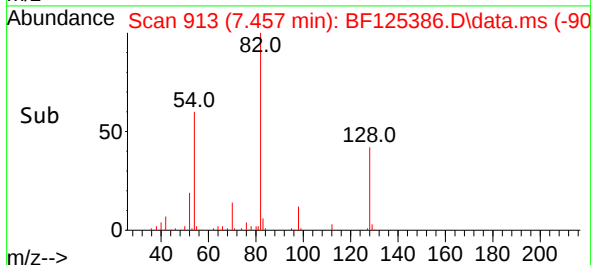
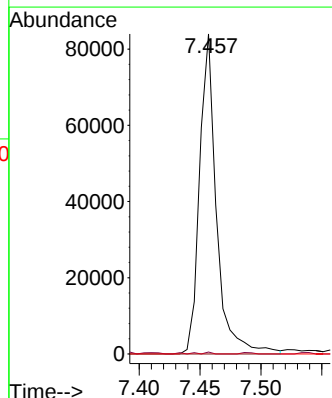
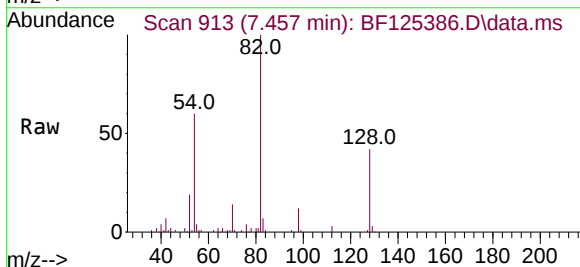
Instrument :
BNA_F
ClientSampled :
ETGI-332

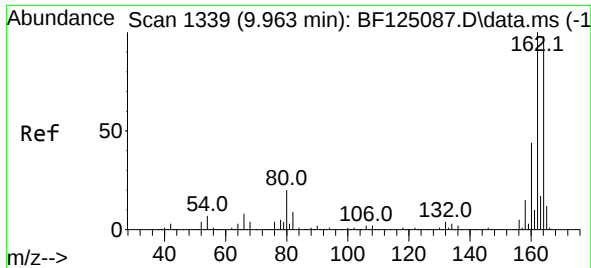
Tgt Ion: 82 Resp: 81082
Ion Ratio Lower Upper
82 100
128 41.7 40.6 60.8
54 60.4 49.6 74.4



#25
Isophorone
Concen: 5.660 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF125386.D
Acq: 7 Sep 2021 14:15

Tgt Ion: 82 Resp: 81081
Ion Ratio Lower Upper
82 100
95 0.6 6.5 9.7#
138 0.0 18.4 27.6#

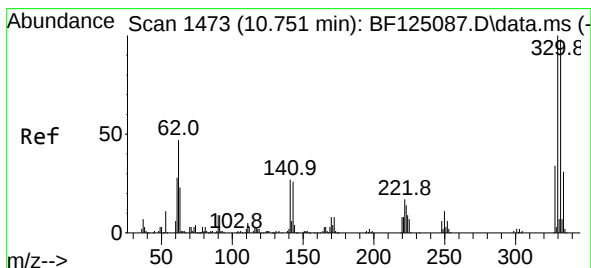
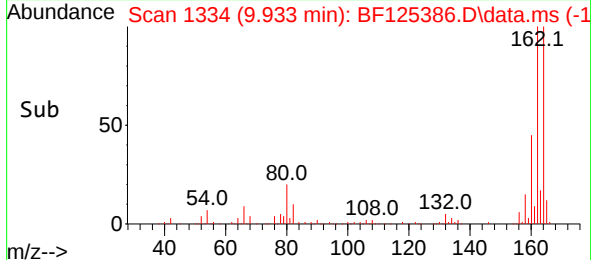
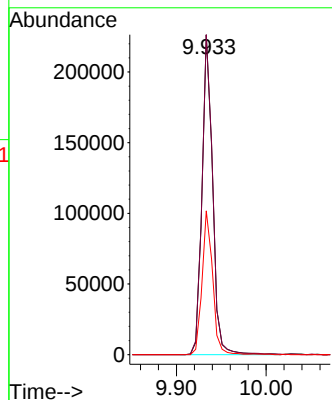
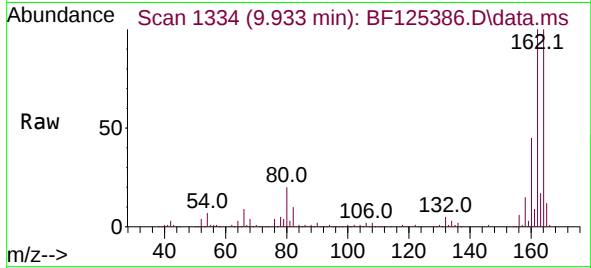




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125386.D
Acq: 7 Sep 2021 14:15

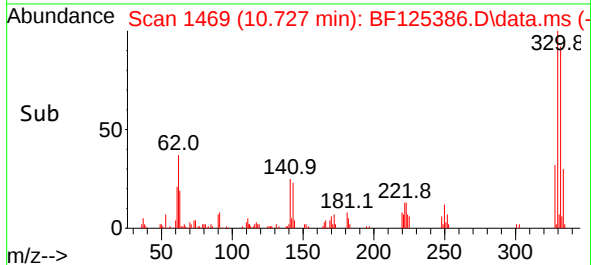
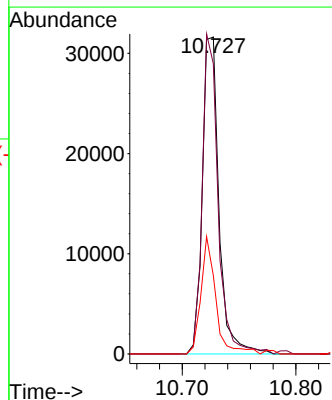
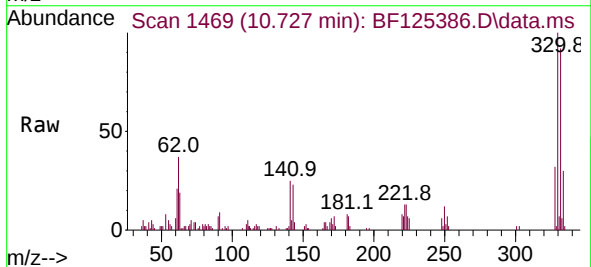
Instrument :
BNA_F
ClientSampleId :
ETGI-332

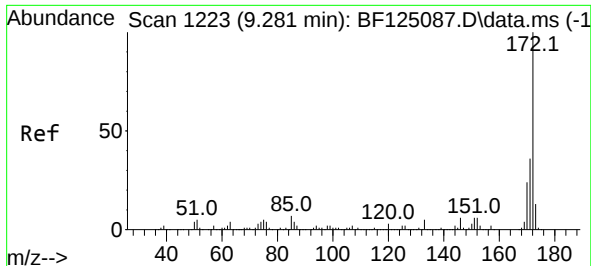
Tgt Ion:164 Resp: 185334
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 45.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 17.409 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF125386.D
Acq: 7 Sep 2021 14:15

Tgt Ion:330 Resp: 32208
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 33.0 44.6 66.8#

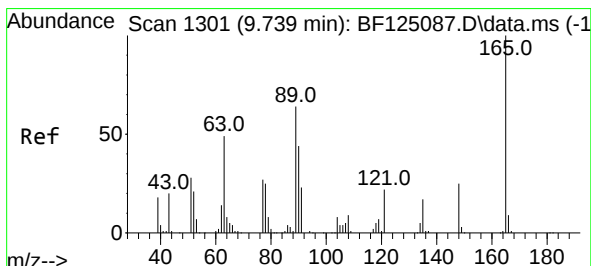
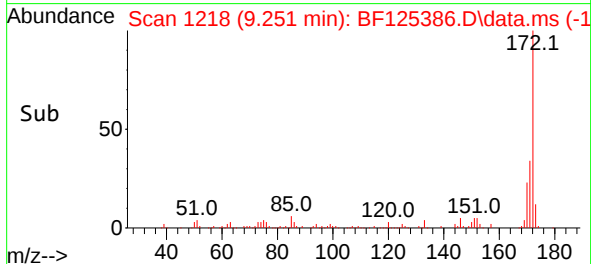
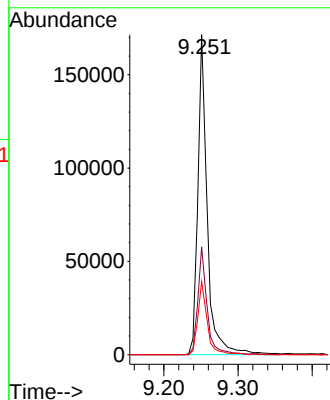
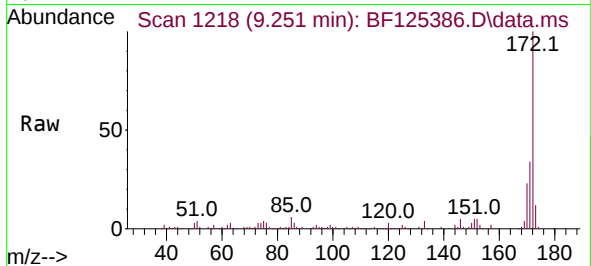




#45
2-Fluorobiphenyl
Concen: 11.333 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF125386.D
Acq: 7 Sep 2021 14:15

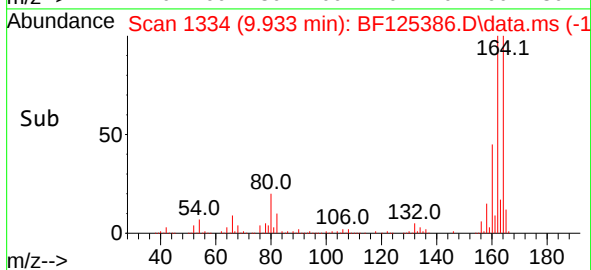
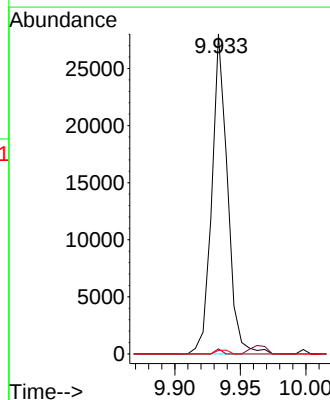
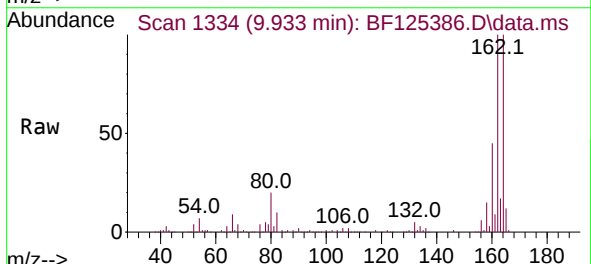
Instrument :
BNA_F
ClientSampleId :
ETGI-332

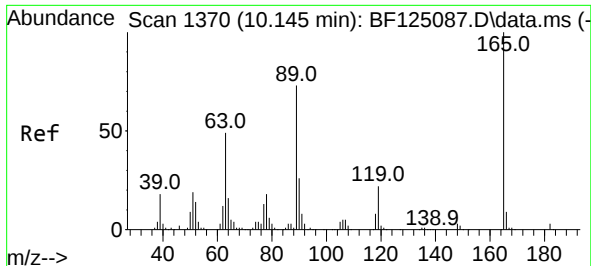
Tgt Ion:172 Resp: 150704
Ion Ratio Lower Upper
172 100
171 33.7 26.5 39.7
170 22.8 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.383 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF125386.D
Acq: 7 Sep 2021 14:15

Tgt Ion:165 Resp: 23347
Ion Ratio Lower Upper
165 100
63 1.6 42.6 63.8#
89 1.1 40.6 60.8#

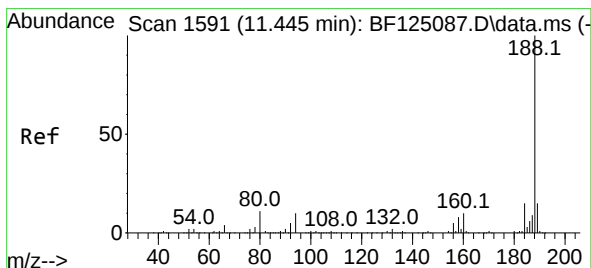
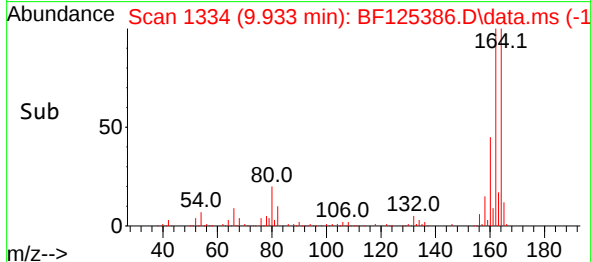
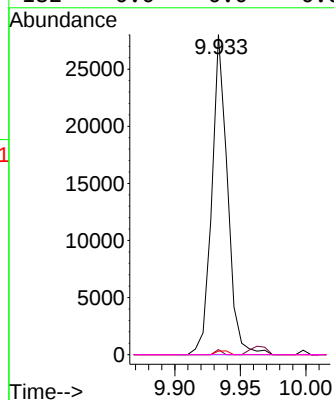
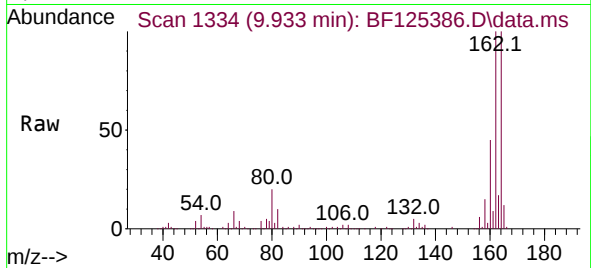




#57
2,4-Dinitrotoluene
Concen: 6.927 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF125386.D
Acq: 7 Sep 2021 14:15

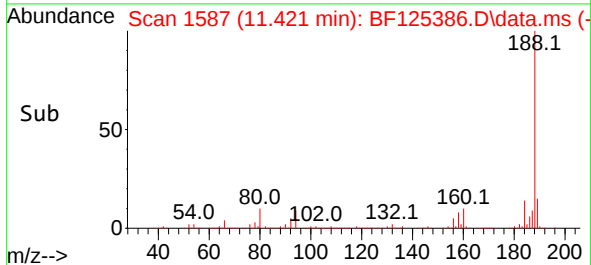
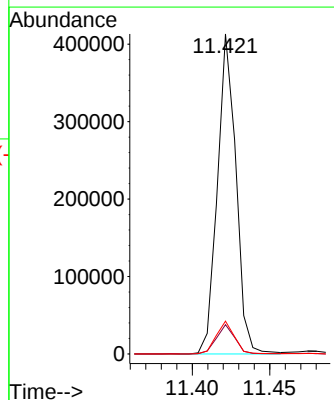
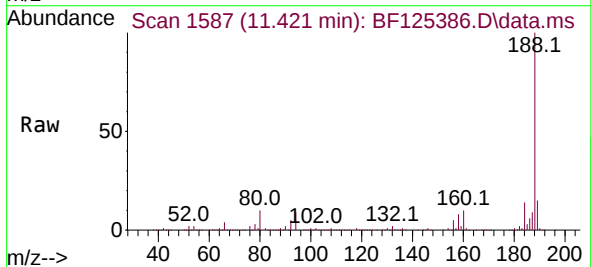
Instrument :
BNA_F
ClientSampleId :
ETGI-332

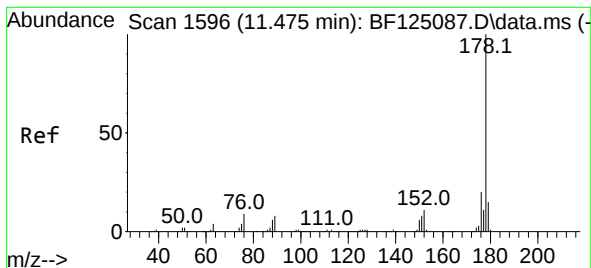
Tgt Ion:165	Resp:	23347
Ion Ratio	Lower	Upper
165	100	
63	1.6	40.9 61.3#
89	1.1	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF125386.D
Acq: 7 Sep 2021 14:15

Tgt Ion:188	Resp:	344558
Ion Ratio	Lower	Upper
188	100	
94	9.2	6.7 10.1
80	10.2	7.5 11.3

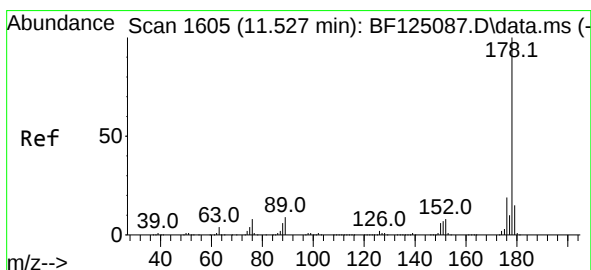
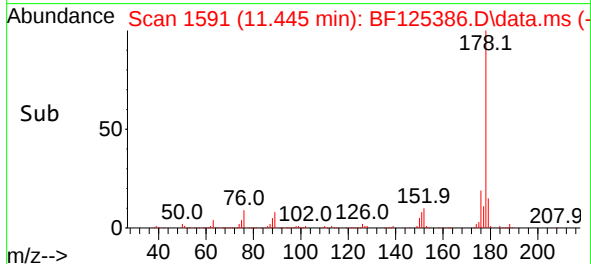
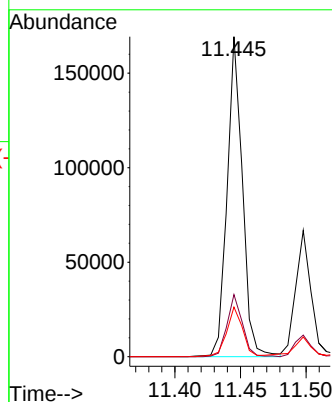
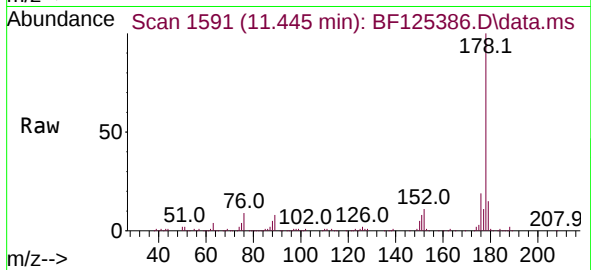




#71
Phenanthrene
Concen: 7.234 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BF125386.D
Acq: 7 Sep 2021 14:15

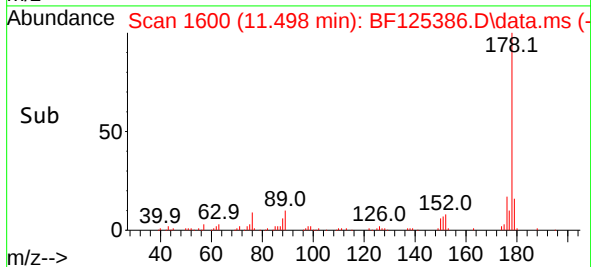
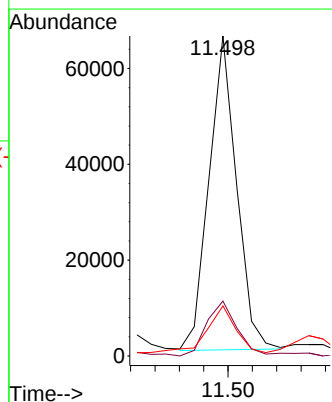
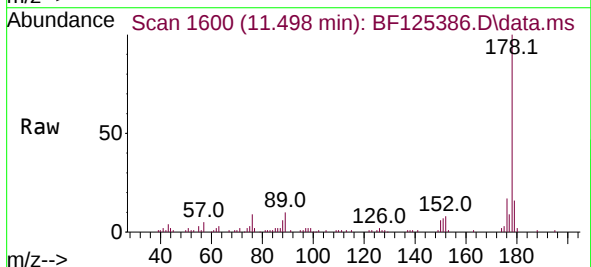
Instrument :
BNA_F
ClientSampleId :
ETGI-332

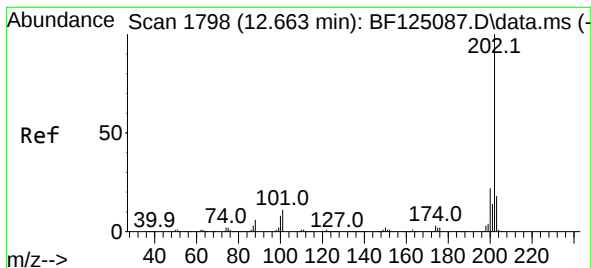
Tgt Ion:178 Resp: 137340
Ion Ratio Lower Upper
178 100
176 19.4 14.7 22.1
179 15.5 11.5 17.3



#72
Anthracene
Concen: 2.757 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BF125386.D
Acq: 7 Sep 2021 14:15

Tgt Ion:178 Resp: 51600
Ion Ratio Lower Upper
178 100
176 17.2 14.3 21.5
179 15.7 12.2 18.4

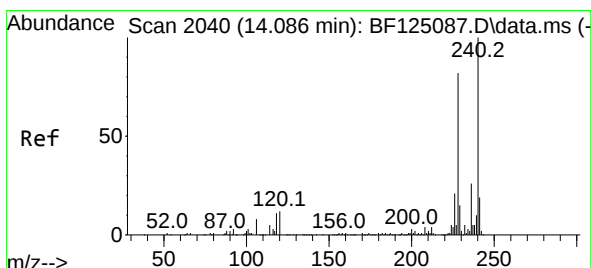
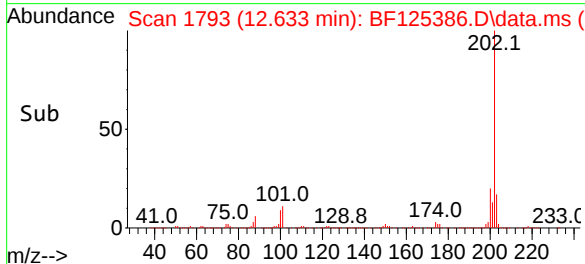
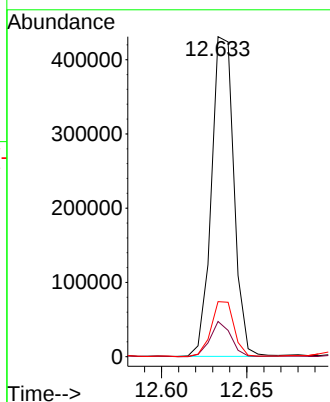
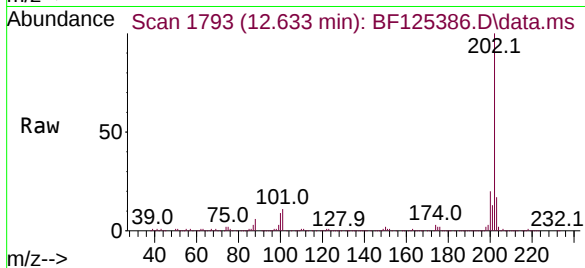




#75
Fluoranthene
Concen: 20.945 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF125386.D
Acq: 7 Sep 2021 14:15

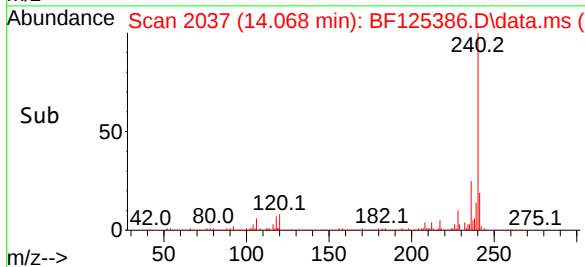
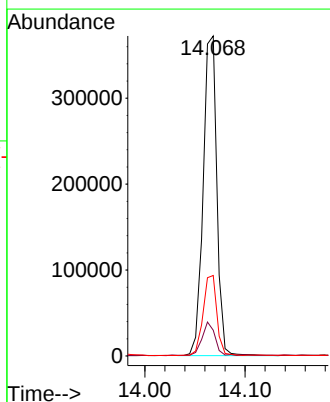
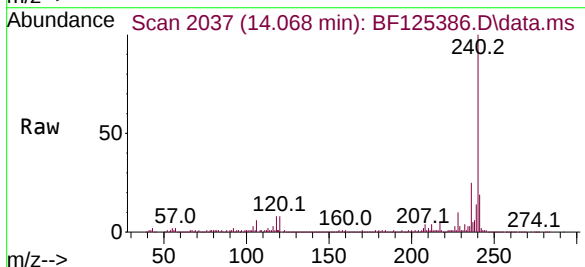
Instrument :
BNA_F
ClientSampleId :
ETGI-332

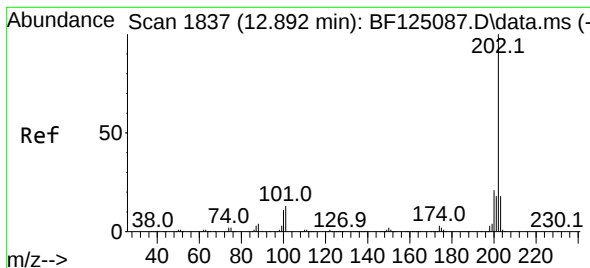
Tgt Ion:202 Resp: 394567
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.7
203 17.2 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF125386.D
Acq: 7 Sep 2021 14:15

Tgt Ion:240 Resp: 354204
Ion Ratio Lower Upper
240 100
120 8.0 10.8 16.2#
236 25.2 21.6 32.4





#78

Pyrene

Concen: 13.207 ng

RT: 12.868 min Scan# 1833

Delta R.T. -0.006 min

Lab File: BF125386.D

Acq: 7 Sep 2021 14:15

Instrument :

BNA_F

ClientSampleId :

ETGI-332

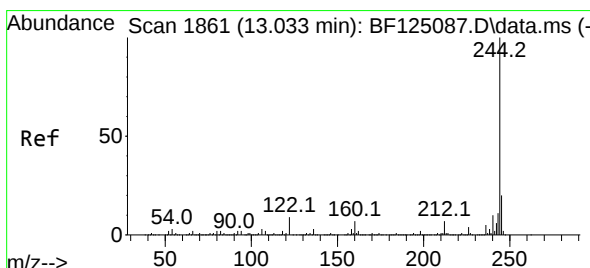
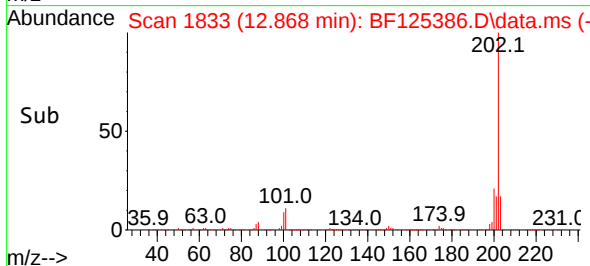
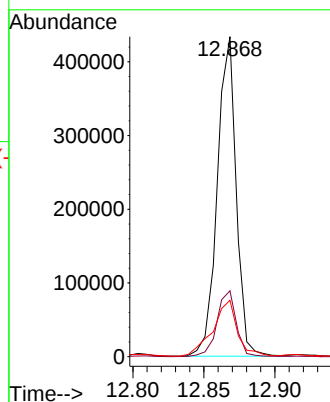
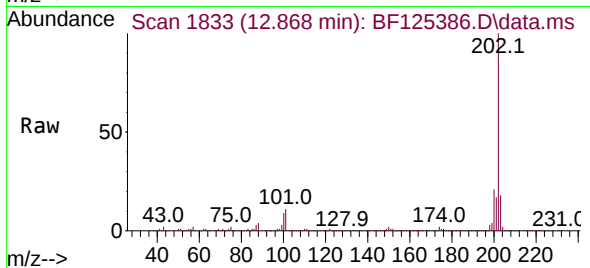
Tgt Ion:202 Resp: 401264

Ion Ratio Lower Upper

202 100

200 20.6 15.3 22.9

203 17.6 13.4 20.0



#79

Terphenyl-d14

Concen: 8.896 ng

RT: 13.004 min Scan# 1856

Delta R.T. -0.006 min

Lab File: BF125386.D

Acq: 7 Sep 2021 14:15

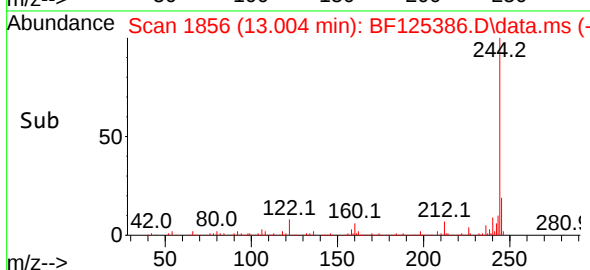
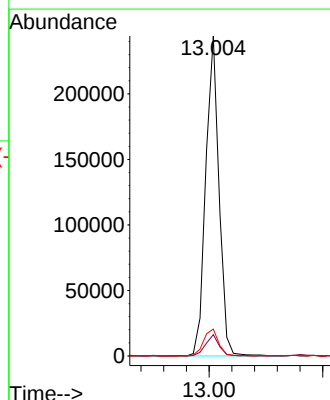
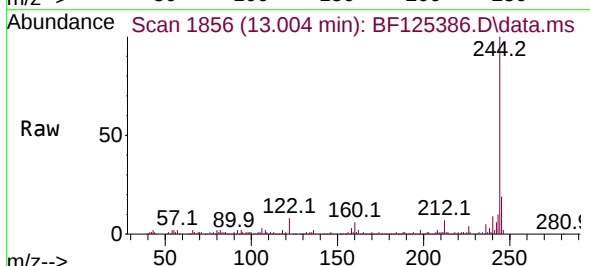
Tgt Ion:244 Resp: 197787

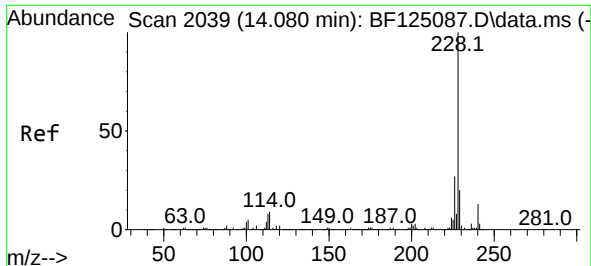
Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 8.4 9.0 13.4#

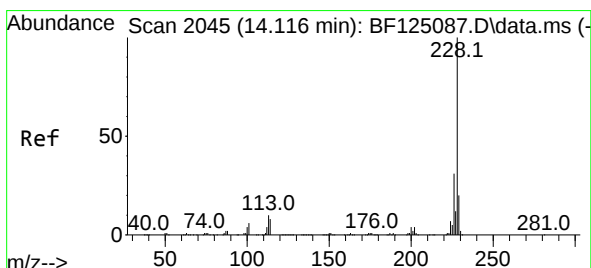
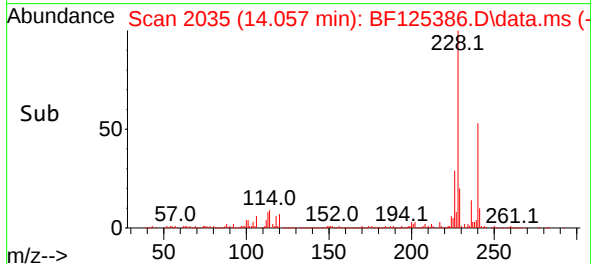
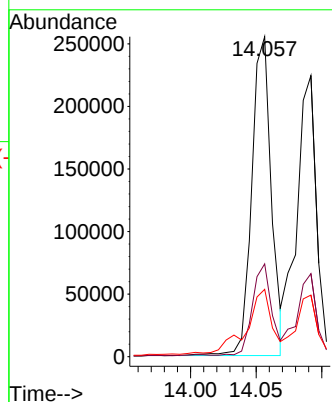
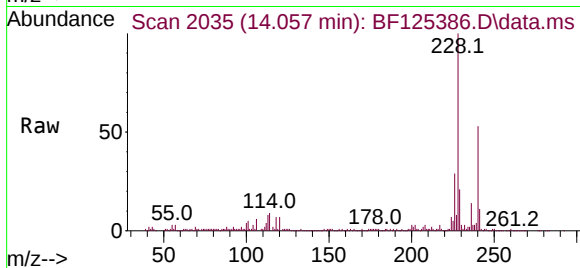




#81
Benzo(a)anthracene
Concen: 10.329 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF125386.D
Acq: 7 Sep 2021 14:15

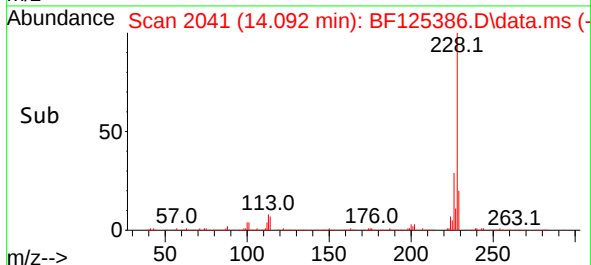
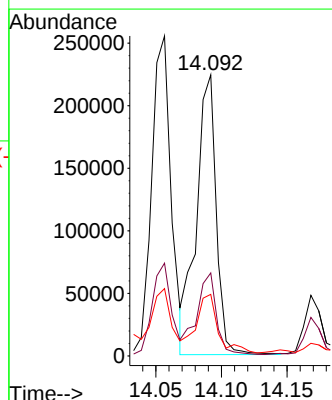
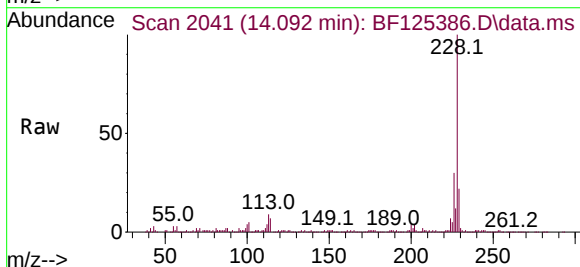
Instrument :
BNA_F
ClientSampleId :
ETGI-332

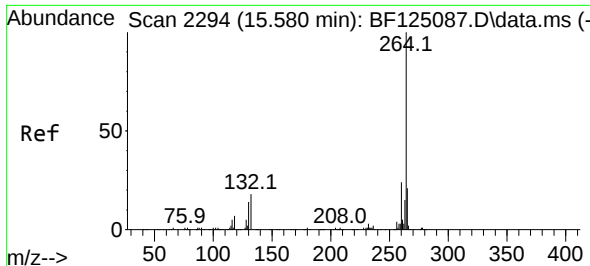
Tgt Ion:228 Resp: 263614
Ion Ratio Lower Upper
228 100
226 29.0 21.6 32.4
229 21.0 15.6 23.4



#83
Chrysene
Concen: 9.356 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF125386.D
Acq: 7 Sep 2021 14:15

Tgt Ion:228 Resp: 236141
Ion Ratio Lower Upper
228 100
226 29.5 22.6 34.0
229 21.9 15.9 23.9

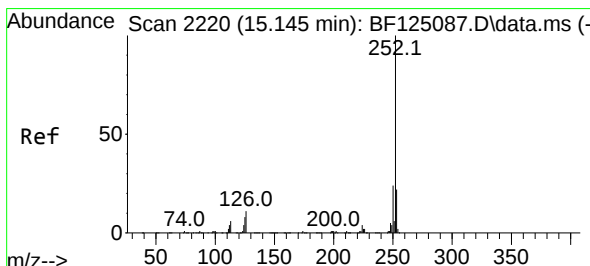
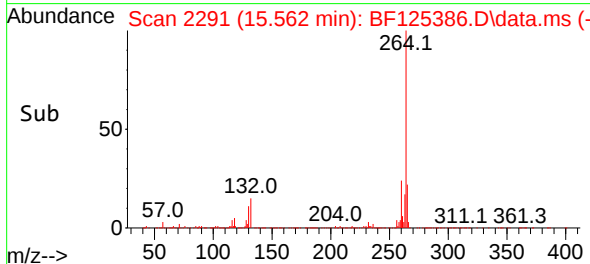
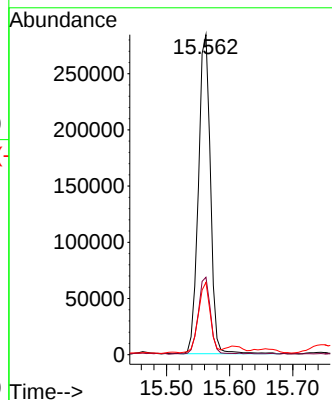
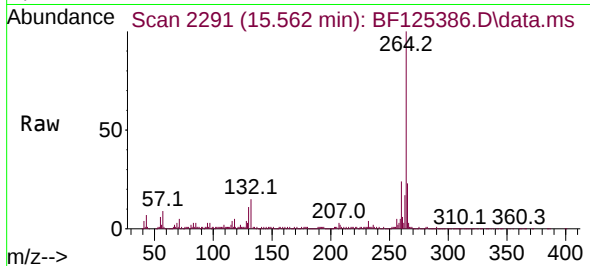




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.006 min
Lab File: BF125386.D
Acq: 7 Sep 2021 14:15

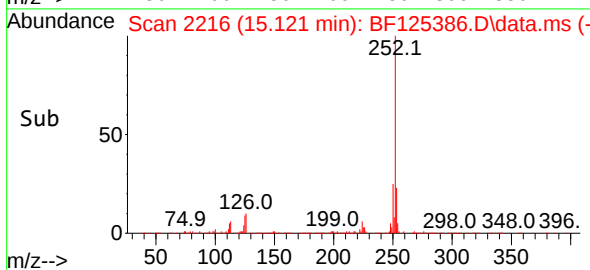
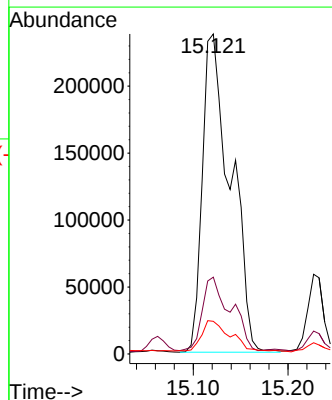
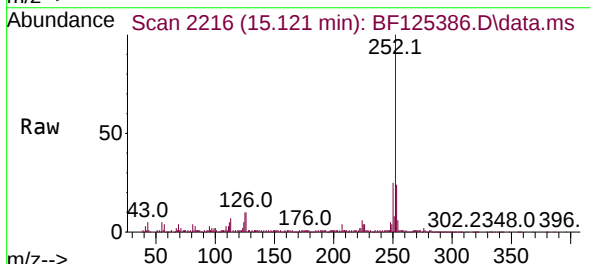
Instrument :
BNA_F
ClientSampleId :
ETGI-332

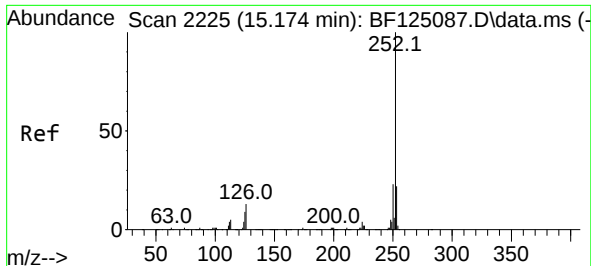
Tgt Ion:264 Resp: 374001
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 22.6 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 18.021 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.000 min
Lab File: BF125386.D
Acq: 7 Sep 2021 14:15

Tgt Ion:252 Resp: 492402
Ion Ratio Lower Upper
252 100
253 24.0 16.8 25.2
125 10.2 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 19.312 ng

RT: 15.121 min Scan# 2216

Delta R.T. -0.029 min

Lab File: BF125386.D

Acq: 7 Sep 2021 14:15

Tgt Ion:252 Resp: 492402

Ion Ratio Lower Upper

252 100

253 24.0 17.8 26.8

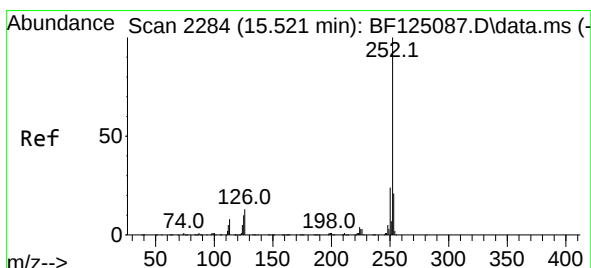
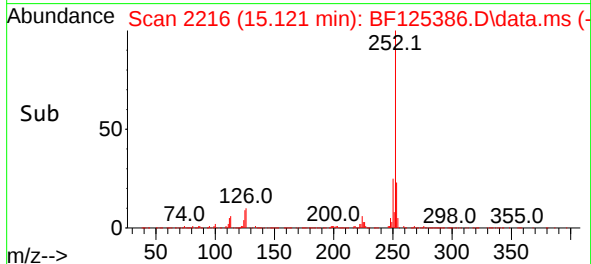
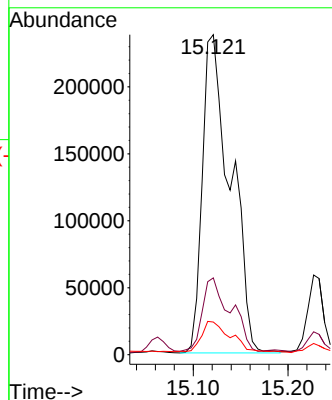
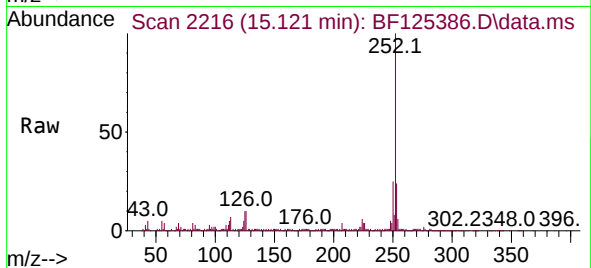
125 10.2 7.2 10.8

Instrument :

BNA_F

ClientSampleId :

ETGI-332



#90

Benzo(a)pyrene

Concen: 7.357 ng

RT: 15.433 min Scan# 2269

Delta R.T. -0.065 min

Lab File: BF125386.D

Acq: 7 Sep 2021 14:15

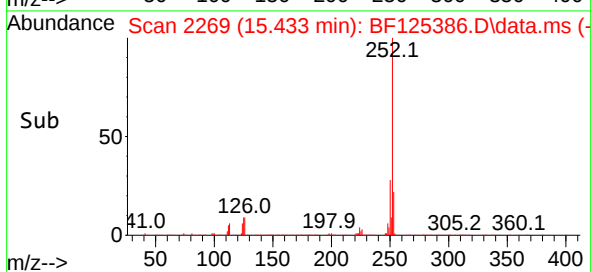
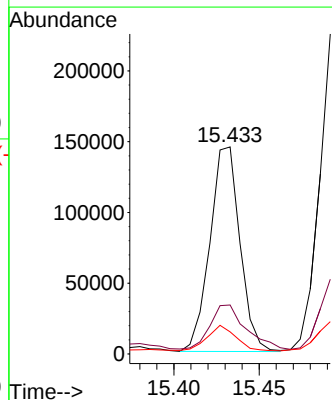
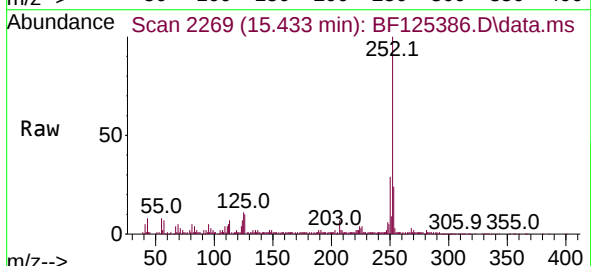
Tgt Ion:252 Resp: 177578

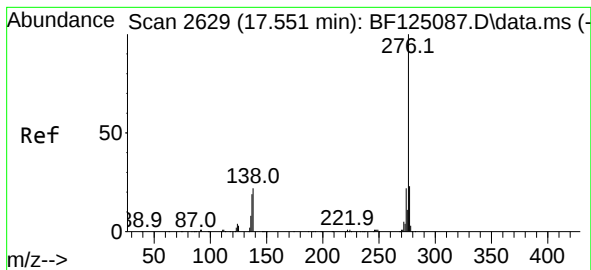
Ion Ratio Lower Upper

252 100

253 23.7 18.4 27.6

125 10.7 9.9 14.9





#92
 Benzo(g,h,i)perylene
 Concen: 6.455 ng
 RT: 17.521 min Scan# 2624
 Delta R.T. -0.012 min
 Lab File: BF125386.D
 Acq: 7 Sep 2021 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-332

Tgt Ion:276 Resp: 144965
 Ion Ratio Lower Upper
 276 100
 277 25.6 22.0 33.0
 138 19.6 22.2 33.4#

