

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
 Data File : BF125288.D
 Acq On : 31 Aug 2021 14:53
 Operator : JU/CG
 Sample : M3593-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-280

Quant Time: Aug 31 17:52:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

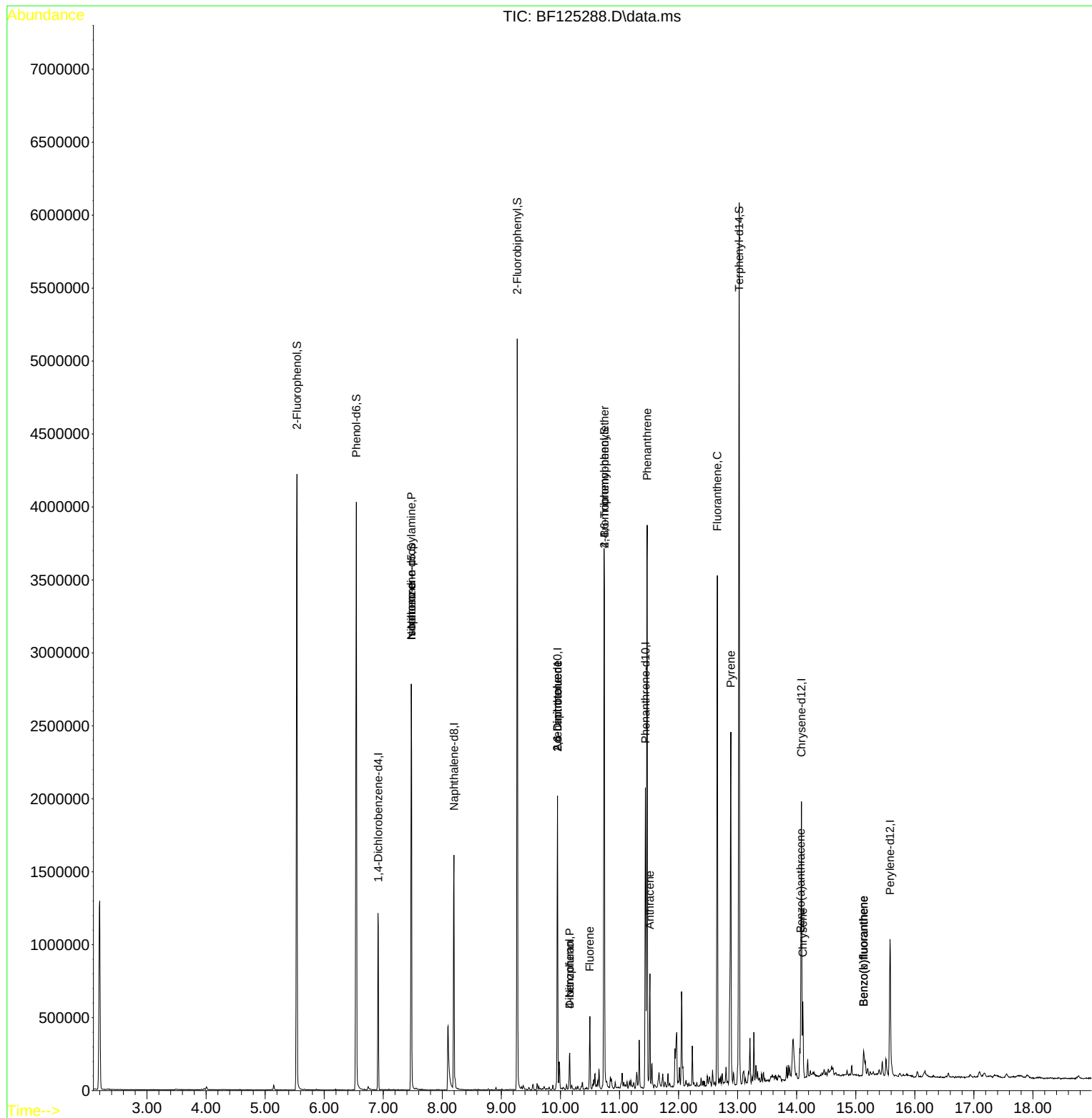
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	178828	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	690406	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	392536	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	776392	20.000	ng	0.00
76) Chrysene-d12	14.080	240	558783	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	453822	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1097923	92.928	ng	0.01
7) Phenol-d6	6.545	99	1416664	92.712	ng	0.00
23) Nitrobenzene-d5	7.475	82	915656	66.769	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	508690	129.822	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1579636	56.086	ng	0.00
79) Terphenyl-d14	13.027	244	2152771	61.376	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	122997	13.383	ng	# 56
25) Isophorone	7.475	82	915647	34.611	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	52925	8.973	ng	# 28
55) Dibenzofuran	10.157	168	95124	2.845	ng	93
56) 4-Nitrophenol	10.157	139	35851	7.117	ng	# 11
57) 2,4-Dinitrotoluene	9.951	165	52925	7.414	ng	# 20
58) Fluorene	10.498	166	126452	5.116	ng	96
67) 4-Bromophenyl-phenylether	10.745	248	30995	3.325	ng	# 1
71) Phenanthrene	11.469	178	1481468	34.630	ng	97
72) Anthracene	11.516	178	273003	6.474	ng	99
75) Fluoranthene	12.657	202	1383705	32.598	ng	98
78) Pyrene	12.886	202	1019514	21.270	ng	97
81) Benzo(a)anthracene	14.068	228	187989	4.669	ng	98
83) Chrysene	14.104	228	191273	4.804	ng	97
88) Benzo(b)fluoranthene	15.133	252	141968	4.282	ng	96
89) Benzo(k)fluoranthene	15.133	252	141968	4.589	ng	99

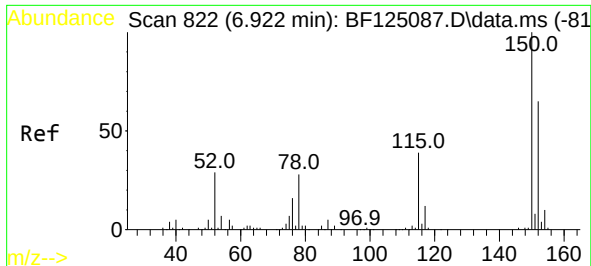
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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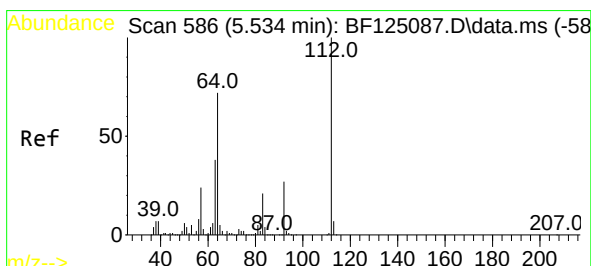
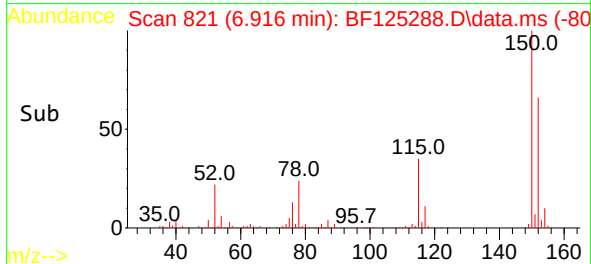
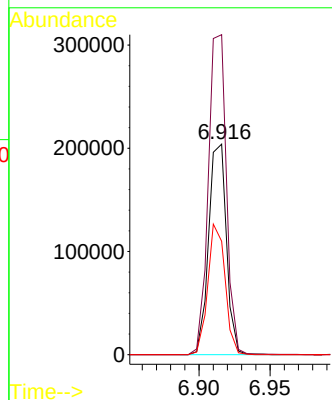
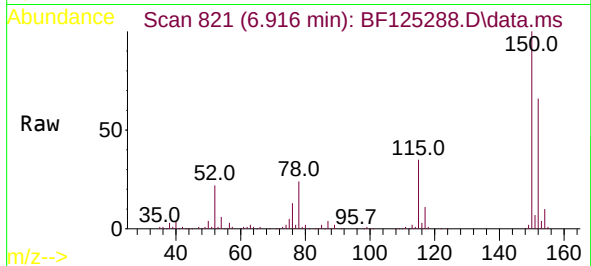




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125288.D
Acq: 31 Aug 2021 14:53

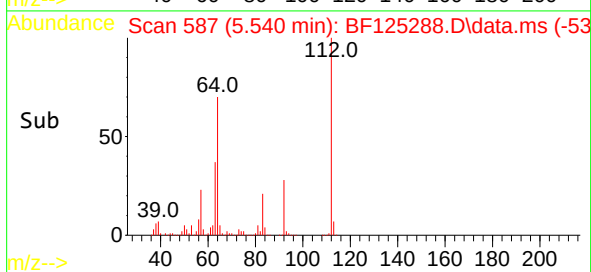
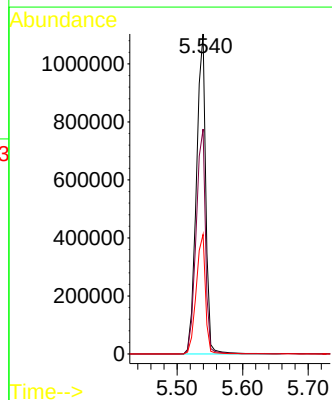
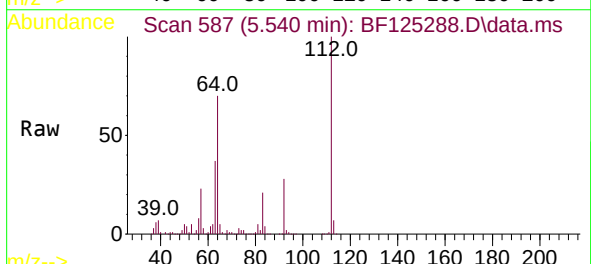
Instrument :
BNA_F
ClientSampleId :
ETGI-280

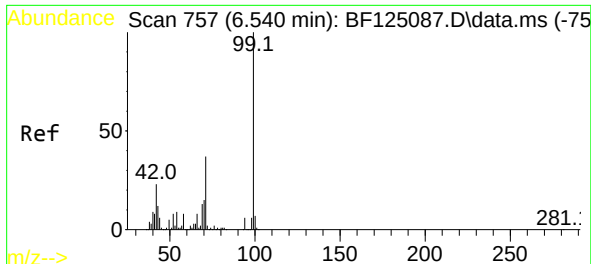
Tgt Ion:152 Resp: 178828
Ion Ratio Lower Upper
152 100
150 152.0 117.6 176.4
115 53.9 47.1 70.7



#5
2-Fluorophenol
Concen: 92.928 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF125288.D
Acq: 31 Aug 2021 14:53

Tgt Ion:112 Resp: 1097923
Ion Ratio Lower Upper
112 100
64 70.3 44.2 66.2#
63 37.4 26.2 39.2

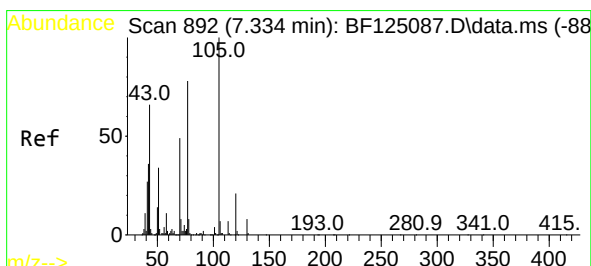
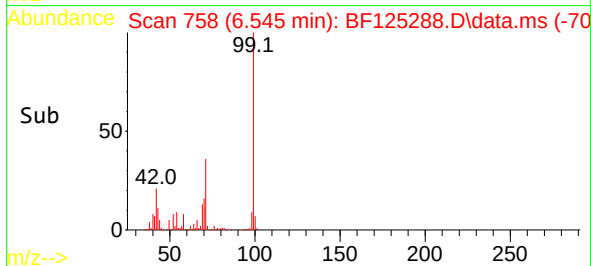
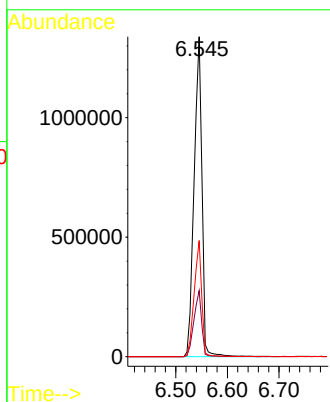
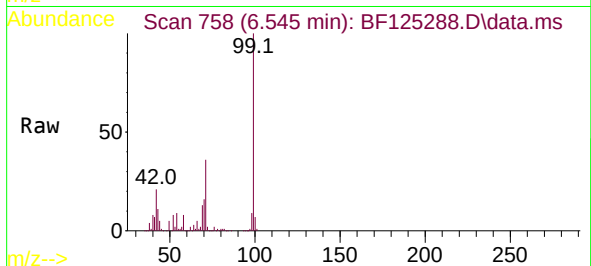




#7
Phenol-d6
Concen: 92.712 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF125288.D
Acq: 31 Aug 2021 14:53

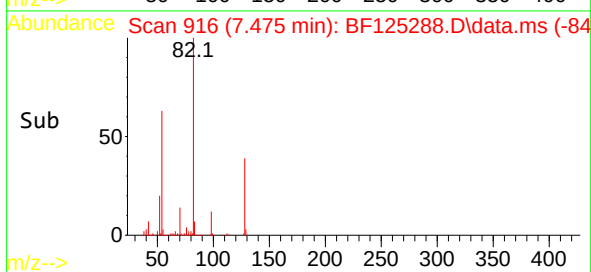
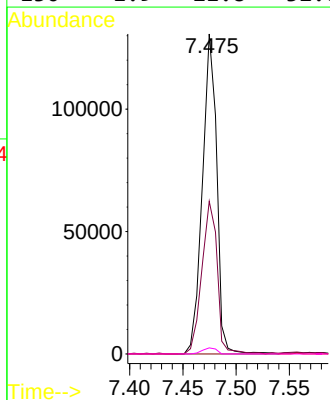
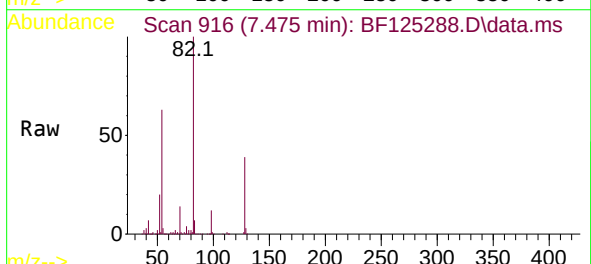
Instrument :
BNA_F
ClientSampleId :
ETGI-280

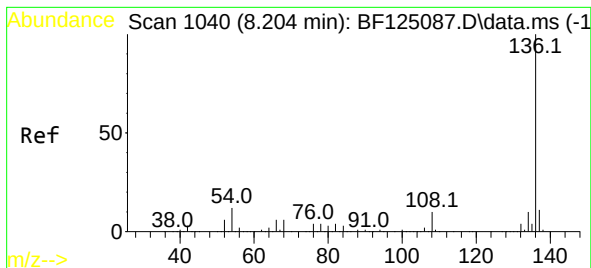
Tgt Ion: 99 Resp: 1416664
Ion Ratio Lower Upper
99 100
42 20.7 23.5 35.3#
71 36.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.383 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125288.D
Acq: 31 Aug 2021 14:53

Tgt Ion: 70 Resp: 122997
Ion Ratio Lower Upper
70 100
42 47.7 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

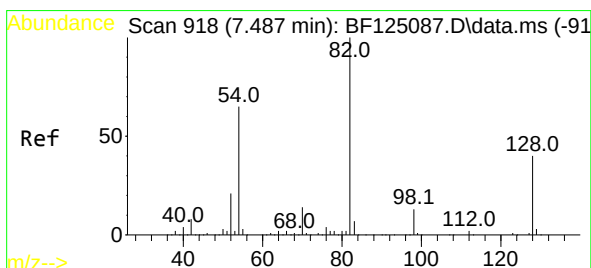
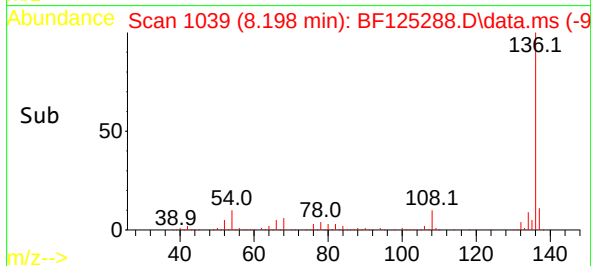
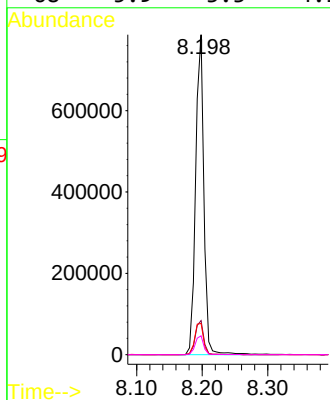
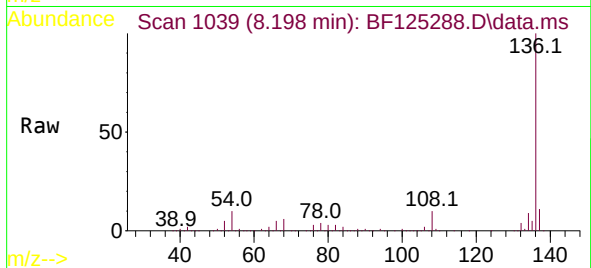




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125288.D
Acq: 31 Aug 2021 14:53

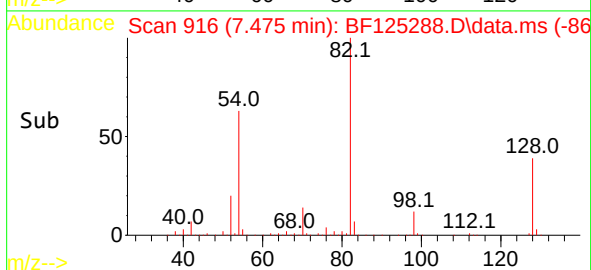
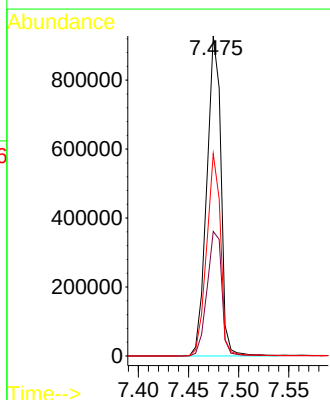
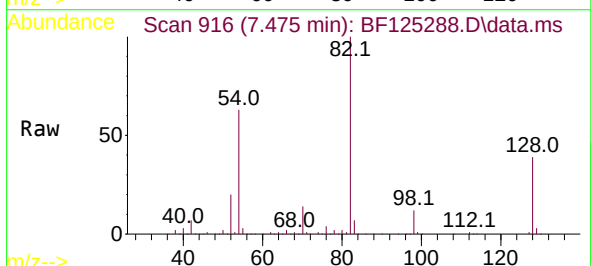
Instrument :
BNA_F
ClientSampleId :
ETGI-280

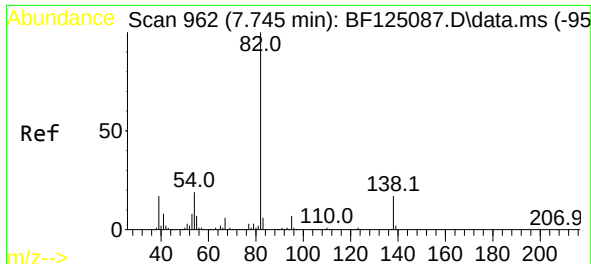
Tgt Ion:	136	Resp:	690406
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	9.7	6.4	9.6#
68	5.9	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 66.769 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125288.D
Acq: 31 Aug 2021 14:53

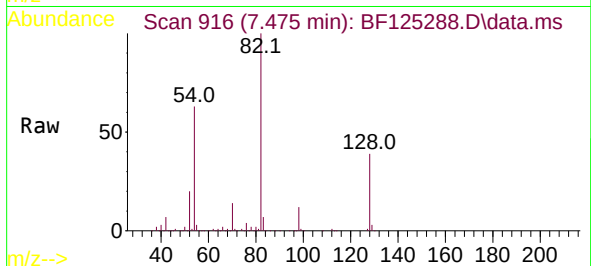
Tgt Ion:	82	Resp:	915656
Ion	Ratio	Lower	Upper
82	100		
128	38.9	40.6	60.8#
54	63.2	49.6	74.4



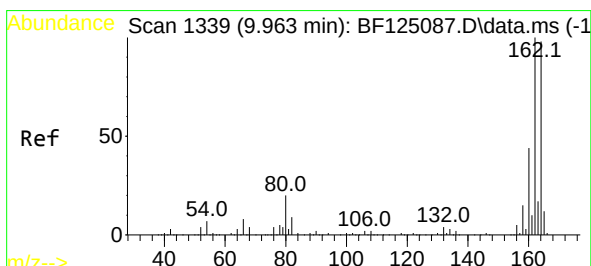
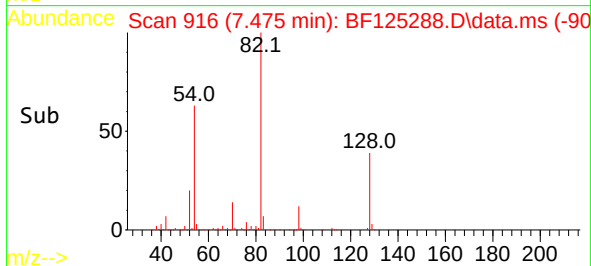
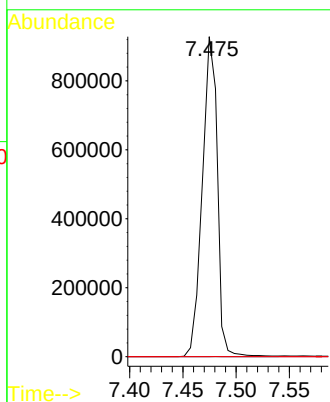


#25
Isophorone
Concen: 34.611 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125288.D
Acq: 31 Aug 2021 14:53

Instrument :
BNA_F
ClientSampleId :
ETGI-280

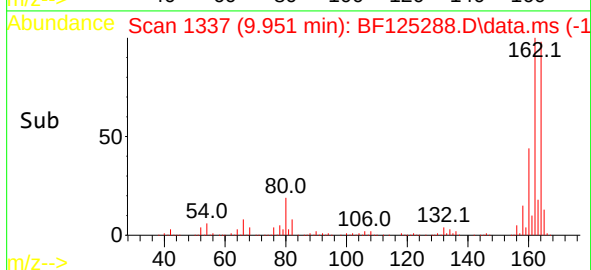
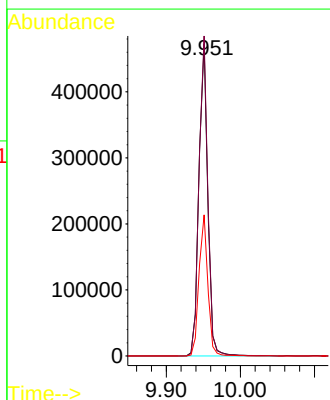
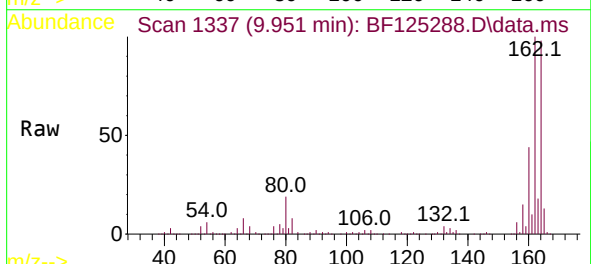


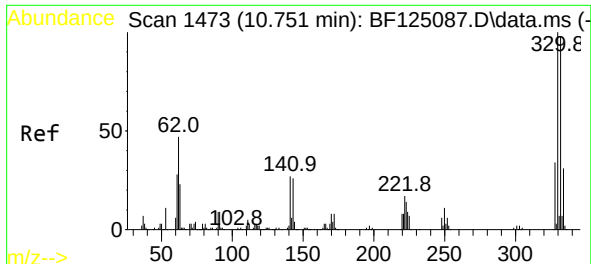
Tgt Ion: 82 Resp: 915647
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125288.D
Acq: 31 Aug 2021 14:53

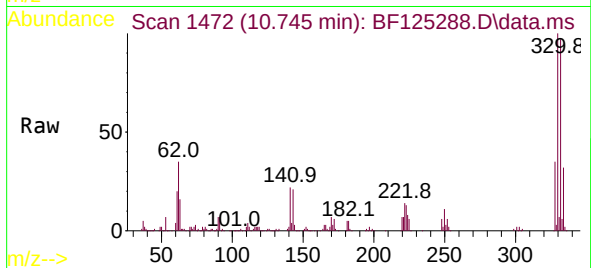
Tgt Ion: 164 Resp: 392536
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 45.2 38.0 57.0



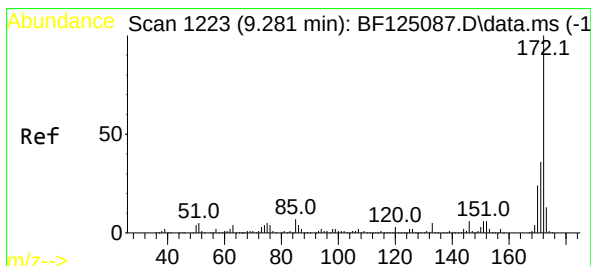
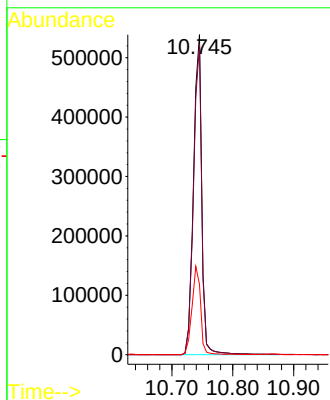
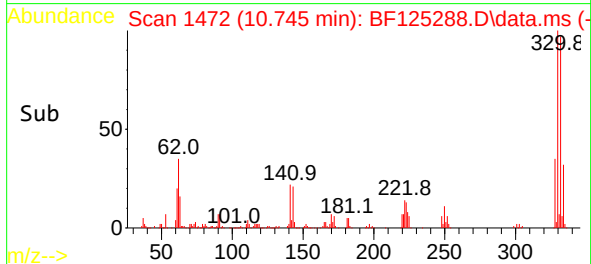


#42
2,4,6-Tribromophenol
Concen: 129.822 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.006 min
Lab File: BF125288.D
Acq: 31 Aug 2021 14:53

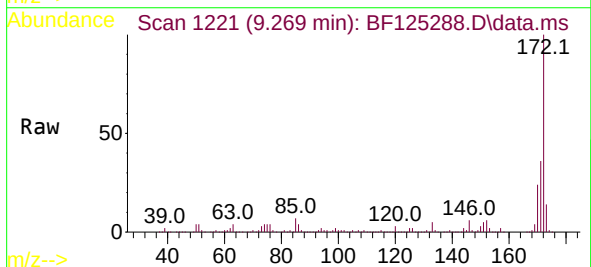
Instrument :
BNA_F
ClientSampled :
ETGI-280



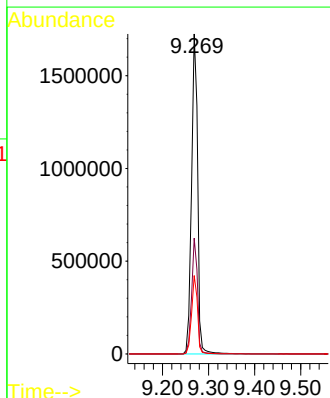
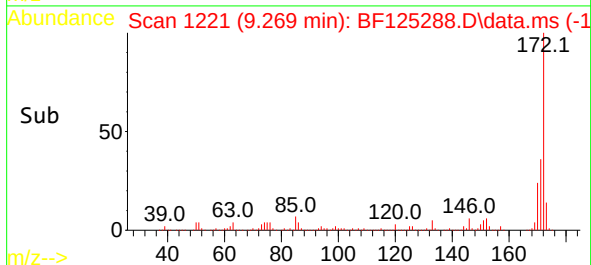
Tgt Ion:330 Resp: 508690
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 28.6 44.6 66.8#

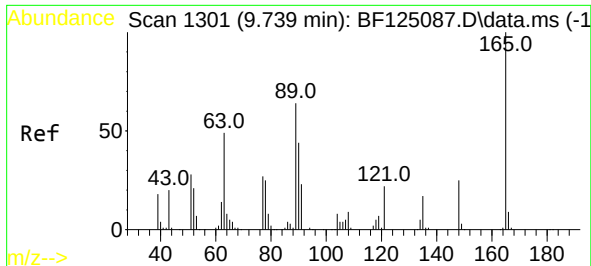


#45
2-Fluorobiphenyl
Concen: 56.086 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125288.D
Acq: 31 Aug 2021 14:53



Tgt Ion:172 Resp: 1579636
Ion Ratio Lower Upper
172 100
171 36.2 26.5 39.7
170 24.5 18.8 28.2

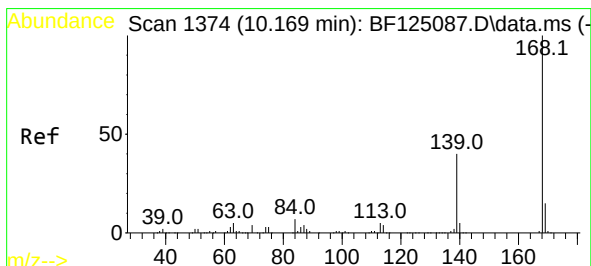
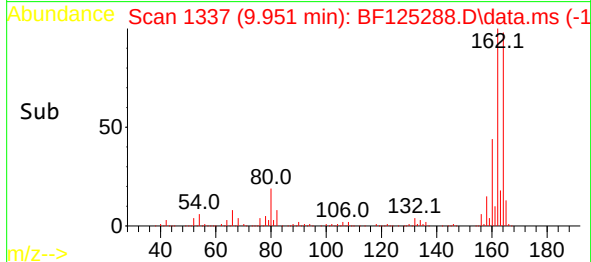
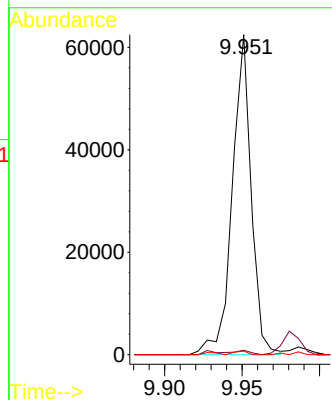
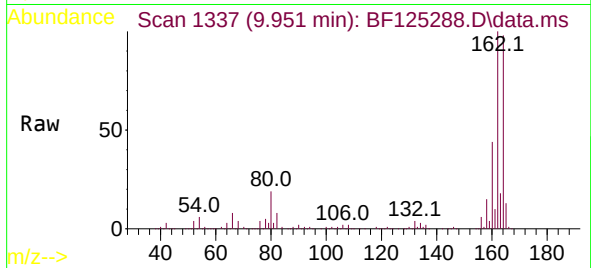




#51
2,6-Dinitrotoluene
Concen: 8.973 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125288.D
Acq: 31 Aug 2021 14:53

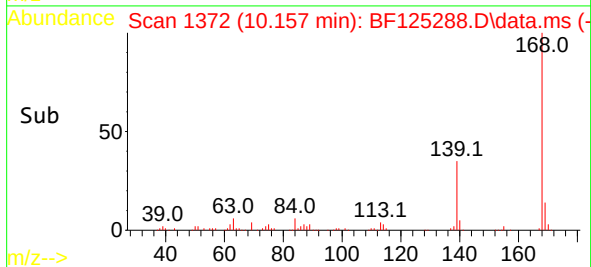
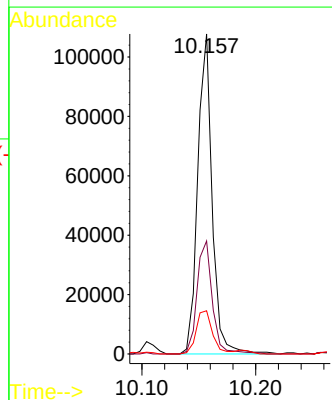
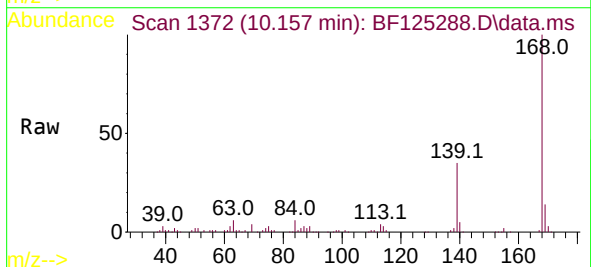
Instrument :
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ClientSampleId :
ETGI-280

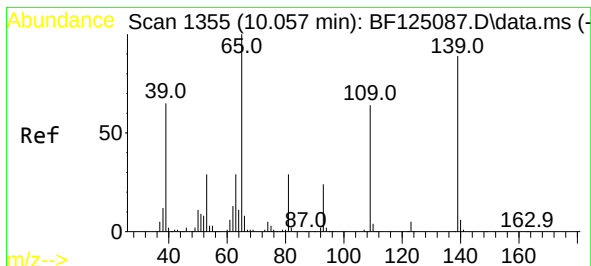
Tgt Ion:165 Resp: 52925
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.1 40.6 60.8#



#55
Dibenzofuran
Concen: 2.845 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF125288.D
Acq: 31 Aug 2021 14:53

Tgt Ion:168 Resp: 95124
Ion Ratio Lower Upper
168 100
139 35.3 32.7 49.1
169 13.5 11.2 16.8

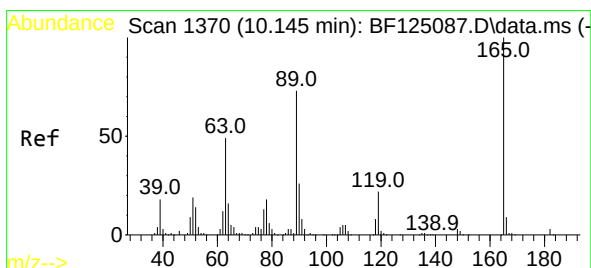
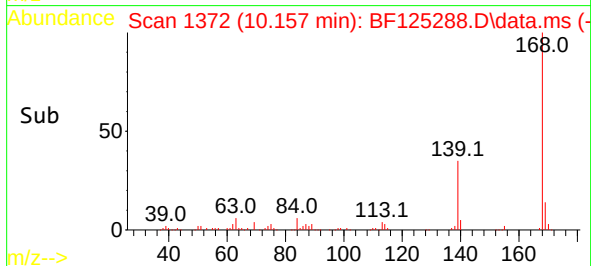
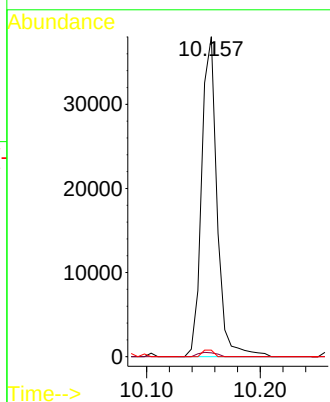
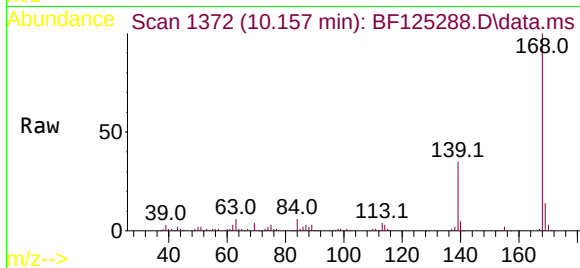




#56
4-Nitrophenol
Concen: 7.117 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.106 min
Lab File: BF125288.D
Acq: 31 Aug 2021 14:53

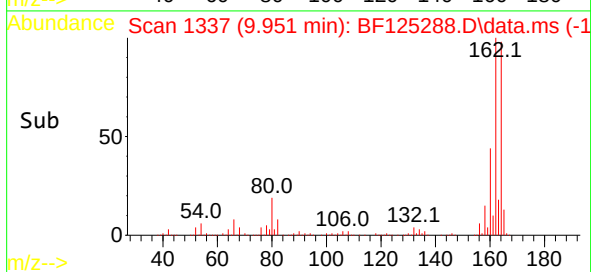
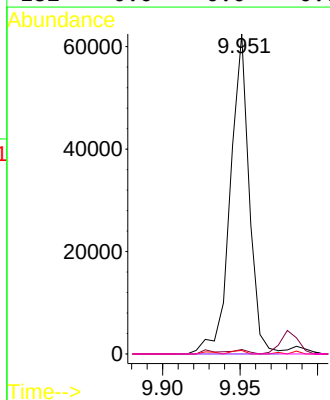
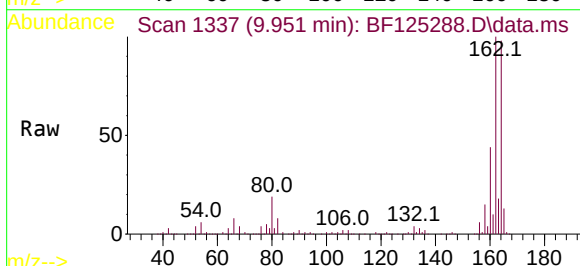
Instrument :
BNA_F
ClientSampleId :
ETGI-280

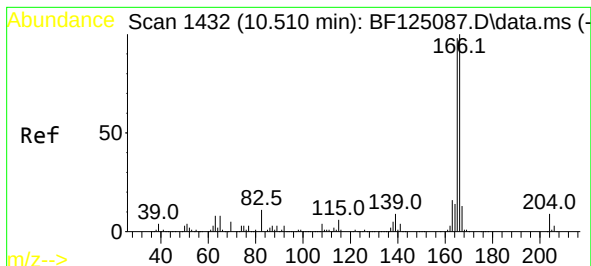
Tgt Ion:139 Resp: 35851
Ion Ratio Lower Upper
139 100
109 1.2 60.4 100.4#
65 2.1 58.4 98.4#



#57
2,4-Dinitrotoluene
Concen: 7.414 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125288.D
Acq: 31 Aug 2021 14:53

Tgt Ion:165 Resp: 52925
Ion Ratio Lower Upper
165 100
63 1.4 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

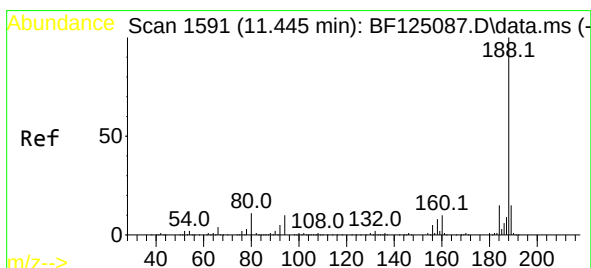
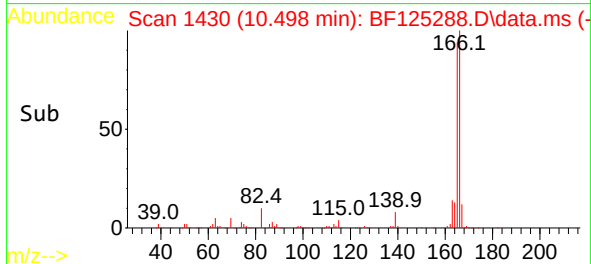
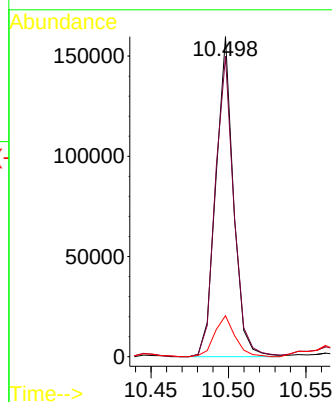
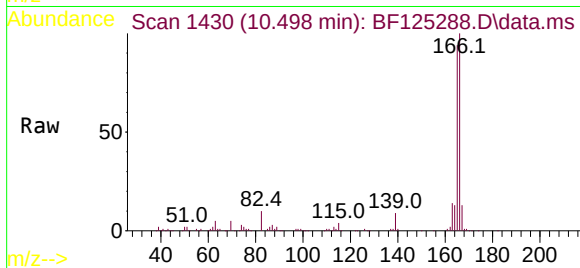




#58
Fluorene
Concen: 5.116 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF125288.D
Acq: 31 Aug 2021 14:53

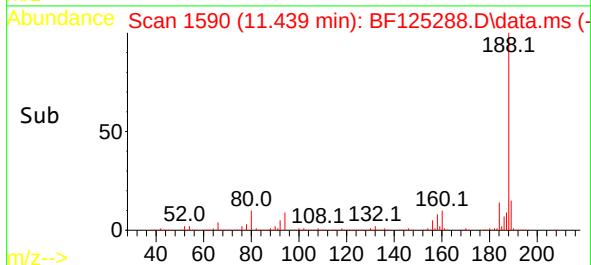
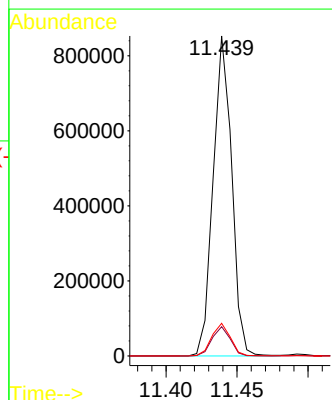
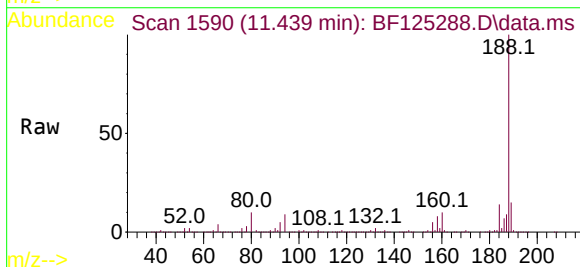
Instrument :
BNA_F
ClientSampleId :
ETGI-280

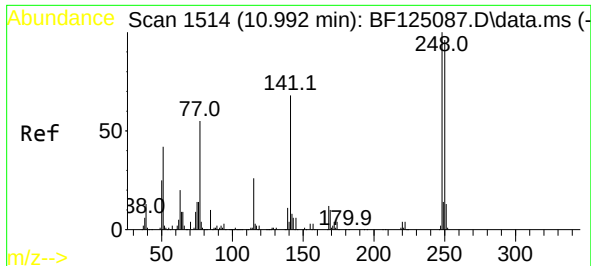
Tgt Ion:166 Resp: 126452
Ion Ratio Lower Upper
166 100
165 93.9 78.1 117.1
167 12.8 11.1 16.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125288.D
Acq: 31 Aug 2021 14:53

Tgt Ion:188 Resp: 776392
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 10.2 7.5 11.3

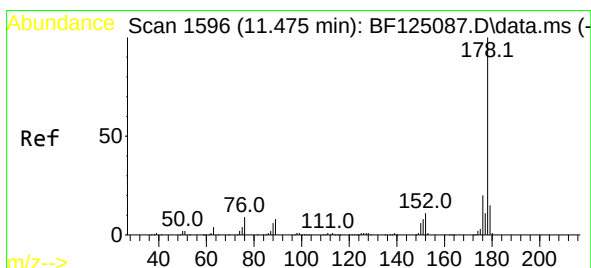
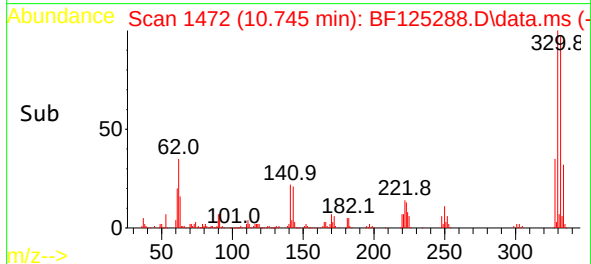
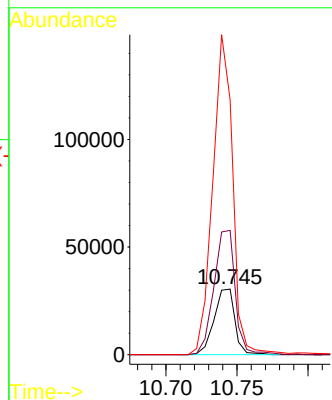
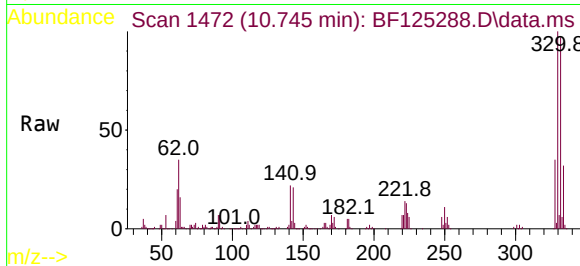




#67
4-Bromophenyl-phenylether
Concen: 3.325 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.235 min
Lab File: BF125288.D
Acq: 31 Aug 2021 14:53

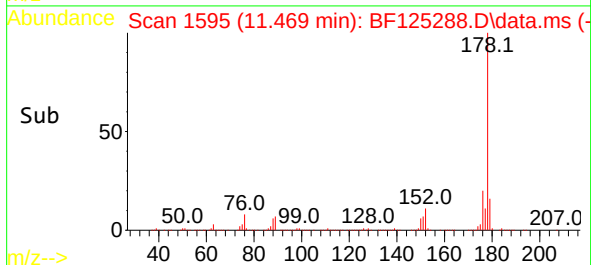
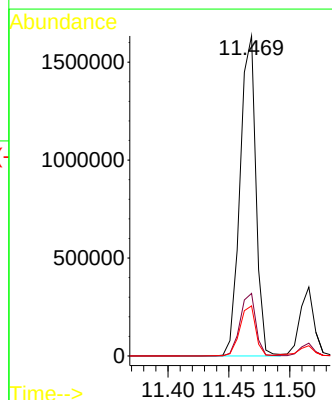
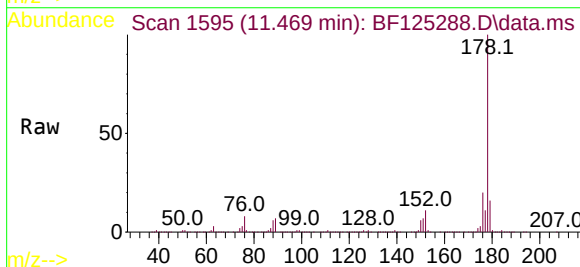
Instrument :
BNA_F
ClientSampleId :
ETGI-280

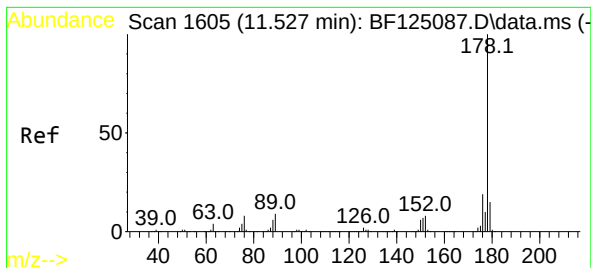
Tgt Ion:248 Resp: 30995
Ion Ratio Lower Upper
248 100
250 189.8 74.2 111.4#
141 389.0 60.4 90.6#



#71
Phenanthrene
Concen: 34.630 ng
RT: 11.469 min Scan# 1595
Delta R.T. 0.006 min
Lab File: BF125288.D
Acq: 31 Aug 2021 14:53

Tgt Ion:178 Resp: 1481468
Ion Ratio Lower Upper
178 100
176 19.5 14.7 22.1
179 15.6 11.5 17.3

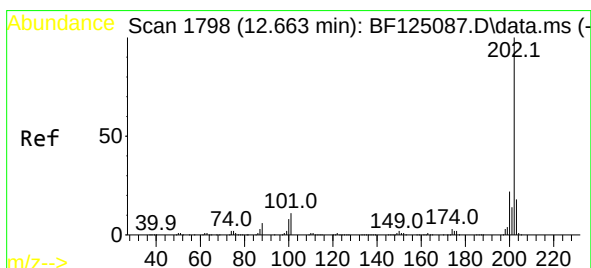
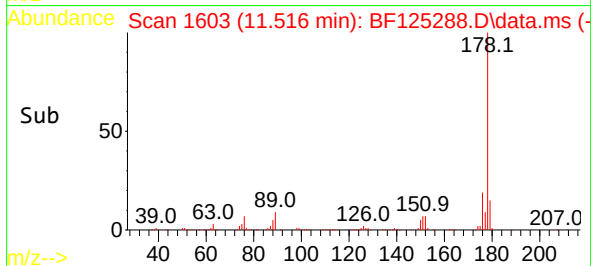
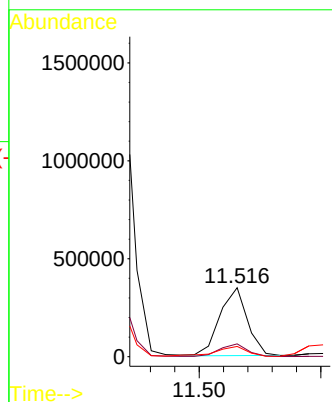
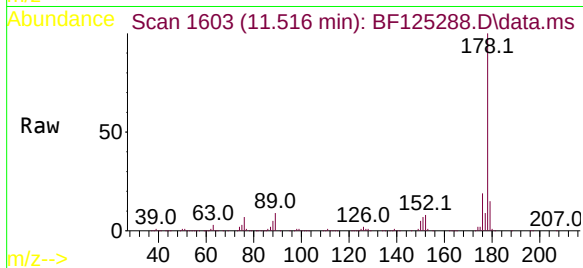




#72
 Anthracene
 Concen: 6.474 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. 0.000 min
 Lab File: BF125288.D
 Acq: 31 Aug 2021 14:53

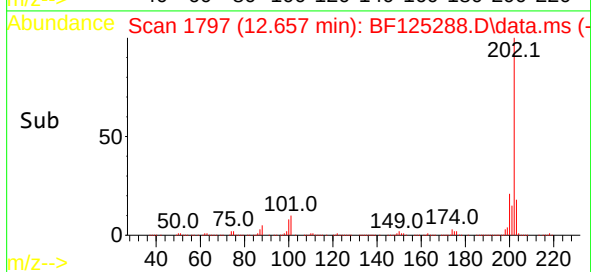
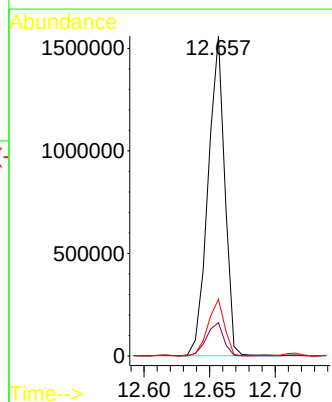
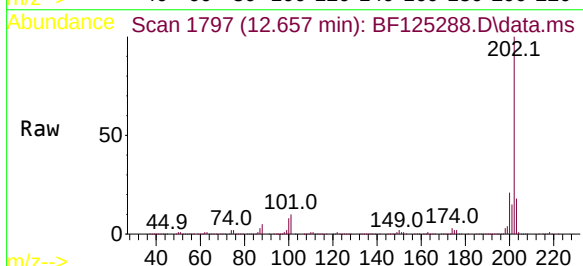
Instrument :
 BNA_F
 ClientSampled :
 ETGI-280

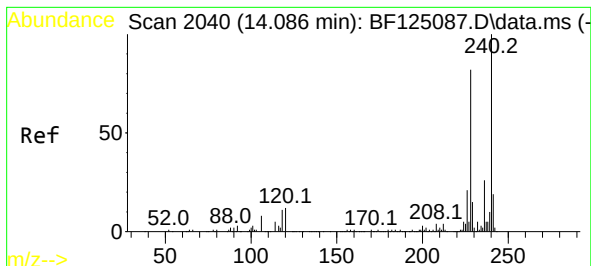
Tgt Ion:178 Resp: 273003
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.3 21.5
 179 14.8 12.2 18.4



#75
 Fluoranthene
 Concen: 32.598 ng
 RT: 12.657 min Scan# 1797
 Delta R.T. 0.006 min
 Lab File: BF125288.D
 Acq: 31 Aug 2021 14:53

Tgt Ion:202 Resp: 1383705
 Ion Ratio Lower Upper
 202 100
 101 10.4 0.0 30.7
 203 17.7 0.0 36.3

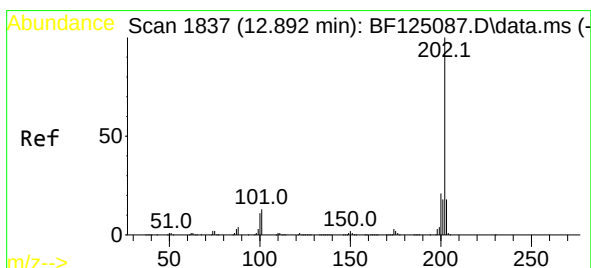
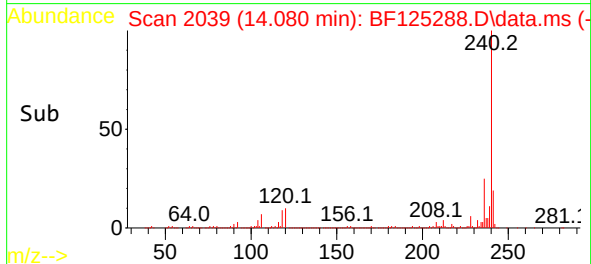
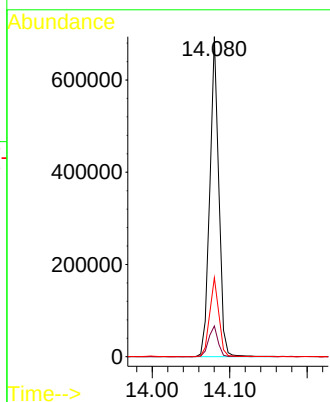
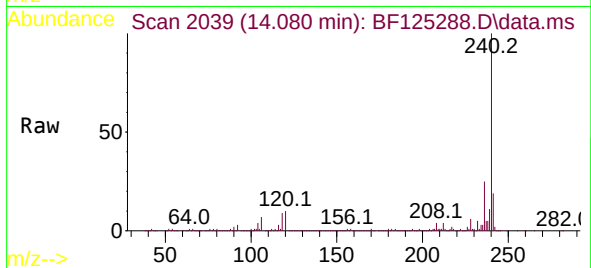




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125288.D
Acq: 31 Aug 2021 14:53

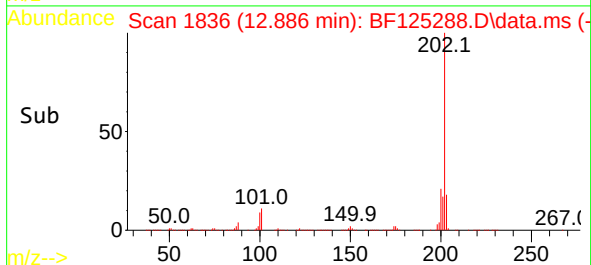
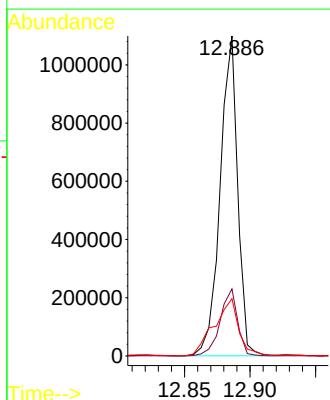
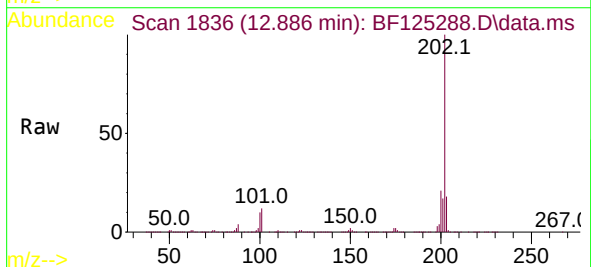
Instrument :
BNA_F
ClientSampleId :
ETGI-280

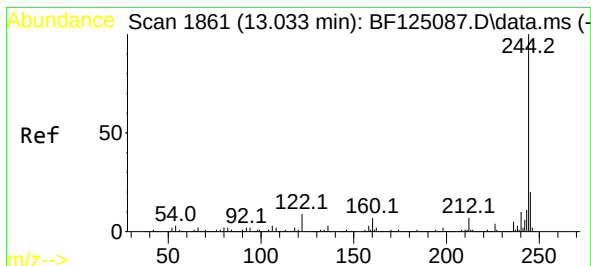
Tgt Ion:240 Resp: 558783
Ion Ratio Lower Upper
240 100
120 9.6 10.8 16.2#
236 24.7 21.6 32.4



#78
Pyrene
Concen: 21.270 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.000 min
Lab File: BF125288.D
Acq: 31 Aug 2021 14:53

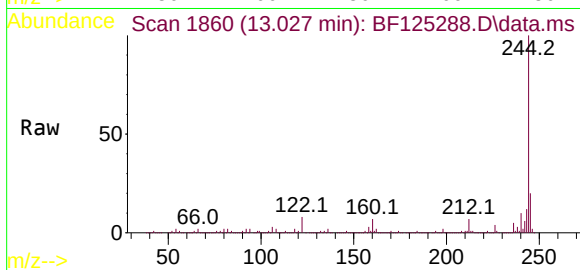
Tgt Ion:202 Resp: 1019514
Ion Ratio Lower Upper
202 100
200 21.0 15.3 22.9
203 17.9 13.4 20.0



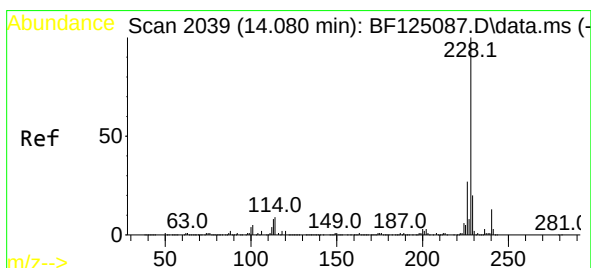
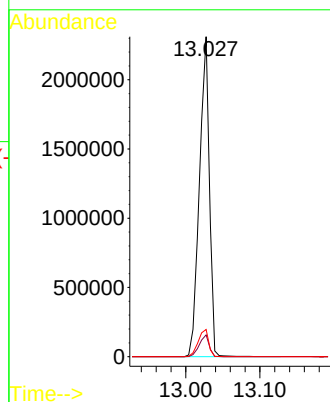
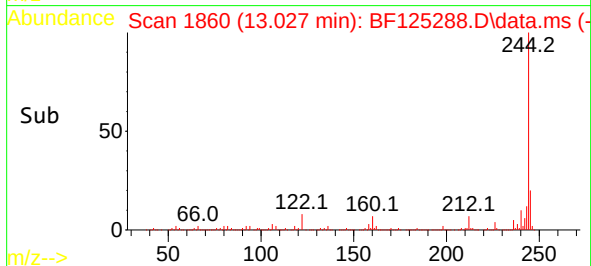


#79
Terphenyl-d14
Concen: 61.376 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125288.D
Acq: 31 Aug 2021 14:53

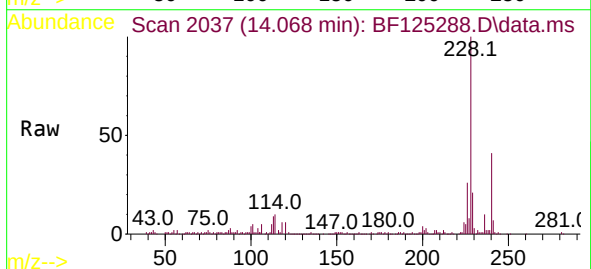
Instrument :
BNA_F
ClientSampleId :
ETGI-280



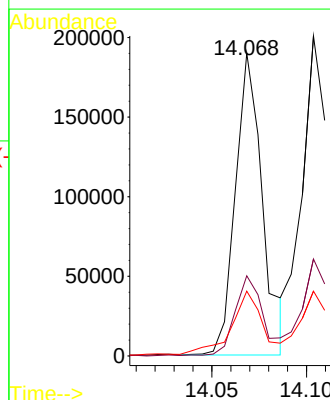
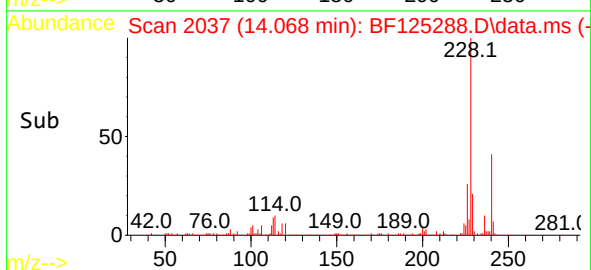
Tgt Ion:244 Resp: 2152771
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.5 9.0 13.4#

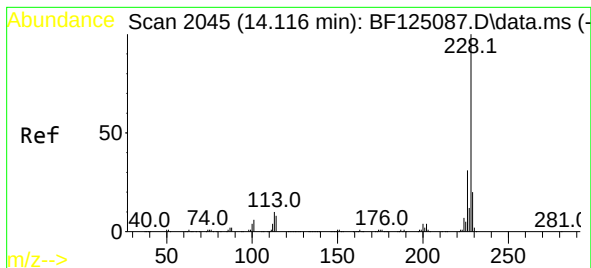


#81
Benzo(a)anthracene
Concen: 4.669 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF125288.D
Acq: 31 Aug 2021 14:53



Tgt Ion:228 Resp: 187989
Ion Ratio Lower Upper
228 100
226 26.5 21.6 32.4
229 21.4 15.6 23.4





#83

Chrysene

Concen: 4.804 ng

RT: 14.104 min Scan# 2043

Delta R.T. -0.006 min

Lab File: BF125288.D

Acq: 31 Aug 2021 14:53

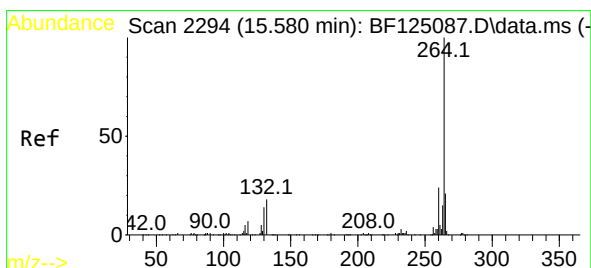
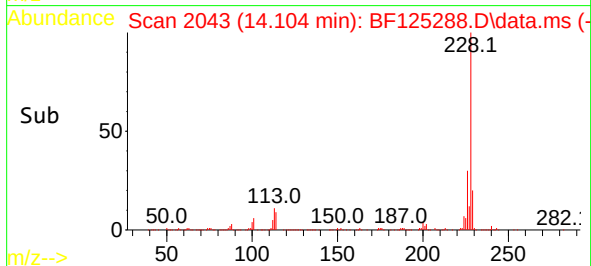
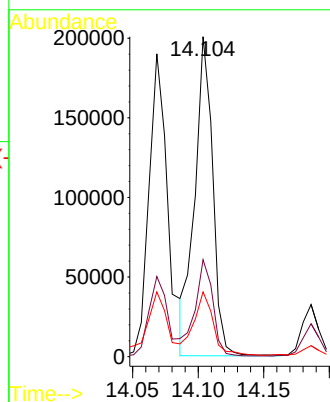
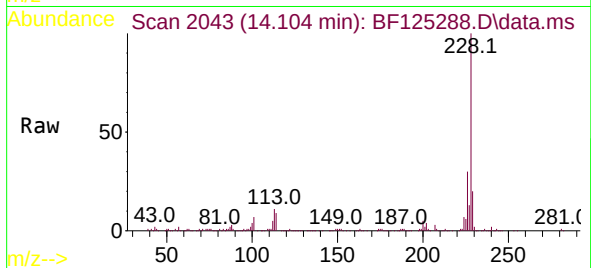
Tgt Ion:	228	Resp:	191273
Ion Ratio	Lower	Upper	
228	100		
226	30.3	22.6	34.0
229	20.3	15.9	23.9

Instrument :

BNA_F

ClientSampleId :

ETGI-280



#86

Perylene-d12

Concen: 20.000 ng

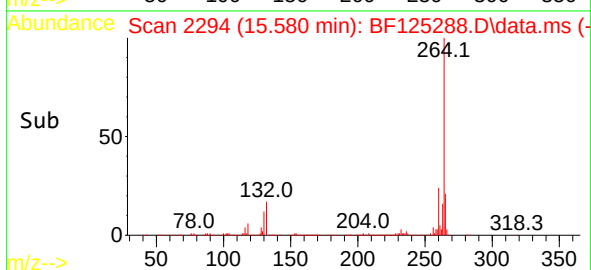
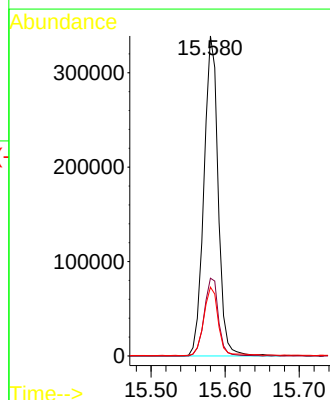
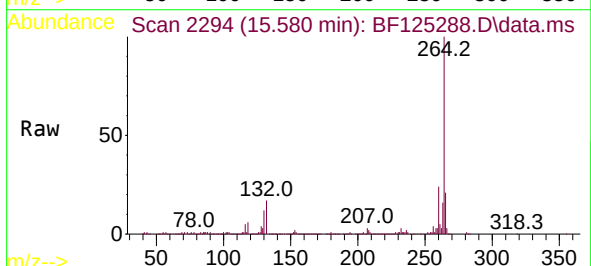
RT: 15.580 min Scan# 2294

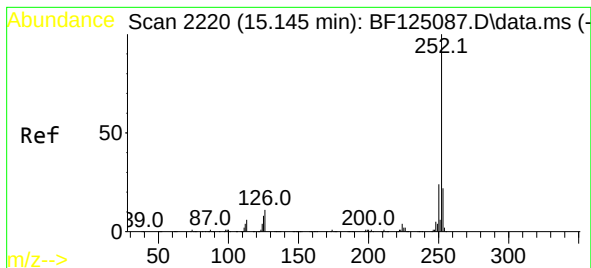
Delta R.T. 0.006 min

Lab File: BF125288.D

Acq: 31 Aug 2021 14:53

Tgt Ion:	264	Resp:	453822
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.6	29.4
265	21.5	17.2	25.8





#88

Benzo(b)fluoranthene

Concen: 4.282 ng

RT: 15.133 min Scan# 2218

Delta R.T. 0.000 min

Lab File: BF125288.D

Acq: 31 Aug 2021 14:53

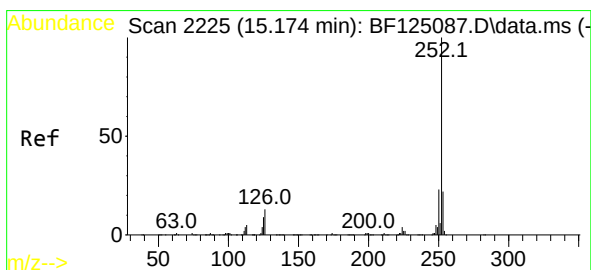
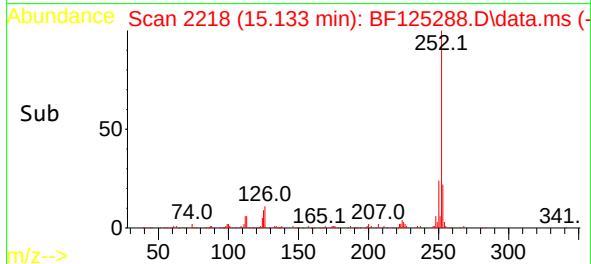
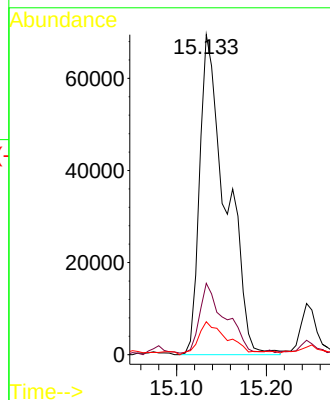
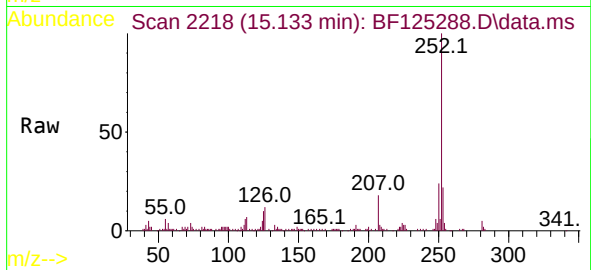
Tgt Ion:252 Resp: 141968

Ion Ratio Lower Upper

252 100

253 22.3 16.8 25.2

125 10.3 9.8 14.8



#89

Benzo(k)fluoranthene

Concen: 4.589 ng

RT: 15.133 min Scan# 2218

Delta R.T. -0.035 min

Lab File: BF125288.D

Acq: 31 Aug 2021 14:53

Tgt Ion:252 Resp: 141968

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 10.3 7.2 10.8

