

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
 Data File : BF125304.D
 Acq On : 1 Sep 2021 13:56
 Operator : JU/CG
 Sample : M3593-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-280

Quant Time: Sep 01 14:36:09 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)

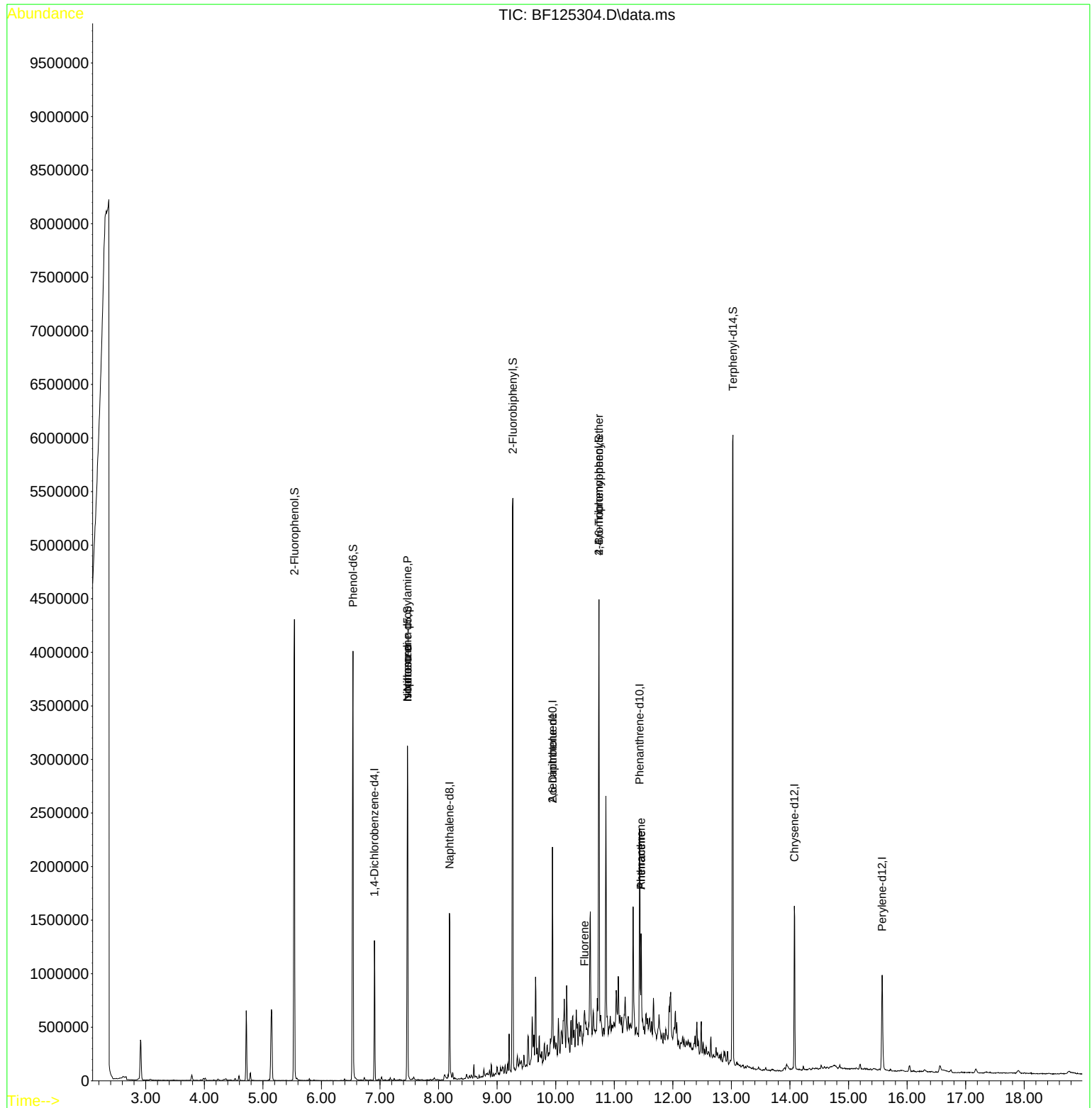
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	173925	20.000	ng	-0.01
21) Naphthalene-d8	8.186	136	686596	20.000	ng	#-0.01
39) Acenaphthene-d10	9.945	164	371271	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	692942	20.000	ng	0.00
76) Chrysene-d12	14.074	240	562427	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	422263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	1172950	102.077	ng	0.01
7) Phenol-d6	6.539	99	1368126	92.060	ng	0.00
23) Nitrobenzene-d5	7.469	82	1061845	77.859	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	531592	143.437	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1842080	69.151	ng	0.00
79) Terphenyl-d14	13.027	244	2415072	68.408	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	145241	16.248	ng	# 57
25) Isophorone	7.469	82	1061827	40.359	ng	# 59
51) 2,6-Dinitrotoluene	9.945	165	52987	9.498	ng	# 29
58) Fluorene	10.492	166	55622	2.379	ng	# 93
67) 4-Bromophenyl-phenylether	10.739	248	32636	3.922	ng	# 1
71) Phenanthrene	11.457	178	325122	8.515	ng	98
72) Anthracene	11.457	178	325122	8.639	ng	98

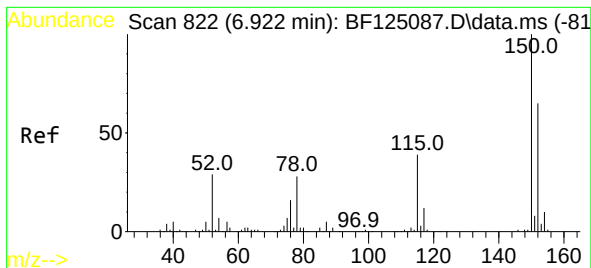
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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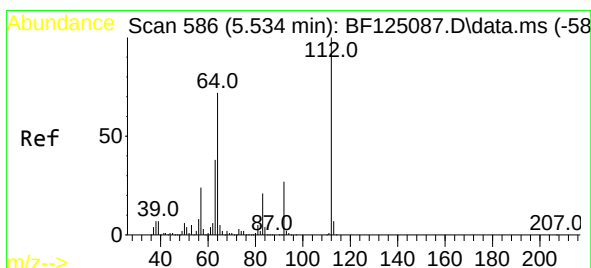
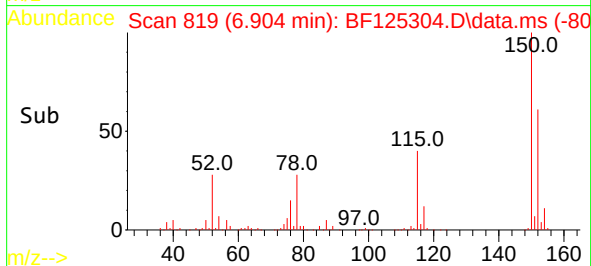
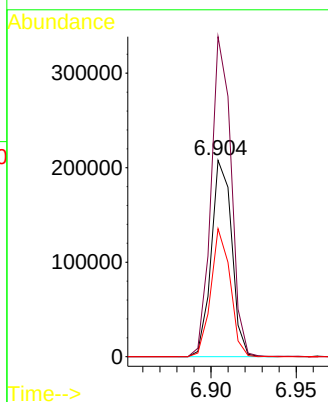
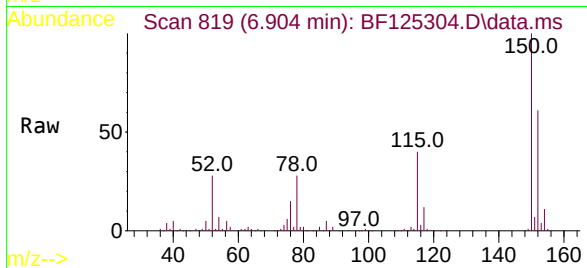




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF125304.D
Acq: 1 Sep 2021 13:56

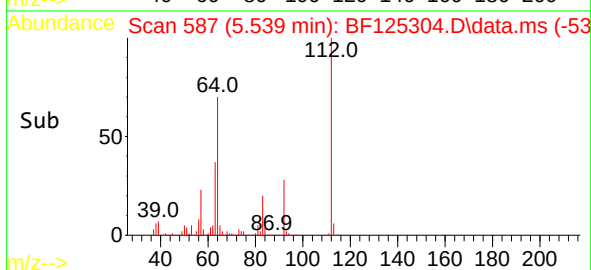
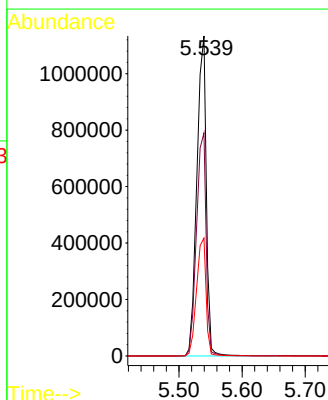
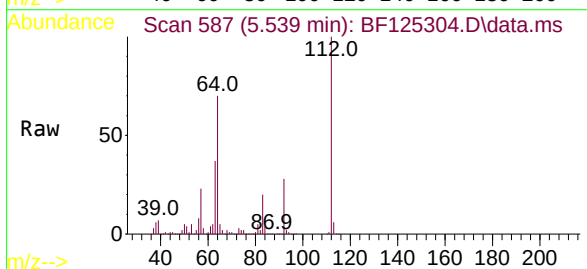
Instrument :
BNA_F
ClientSampled :
ETGI-280

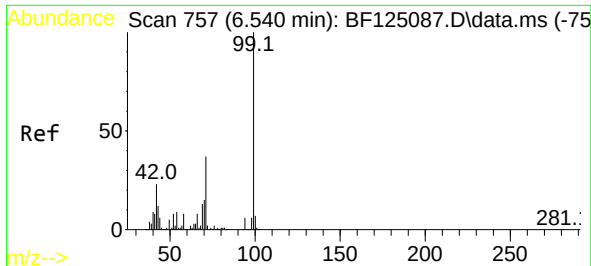
Tgt Ion:152 Resp: 173925
Ion Ratio Lower Upper
152 100
150 163.0 117.6 176.4
115 65.2 47.1 70.7



#5
2-Fluorophenol
Concen: 102.077 ng
RT: 5.539 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF125304.D
Acq: 1 Sep 2021 13:56

Tgt Ion:112 Resp: 1172950
Ion Ratio Lower Upper
112 100
64 69.7 44.2 66.2#
63 36.9 26.2 39.2

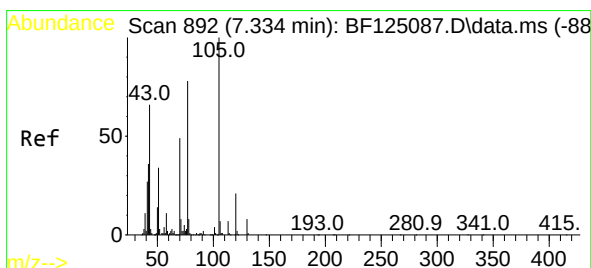
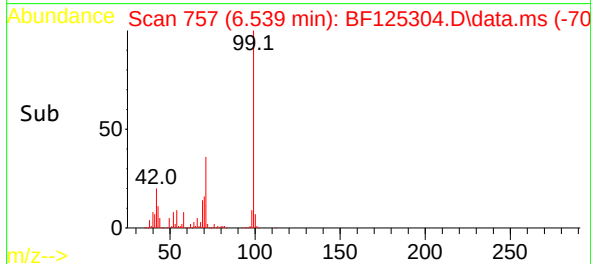
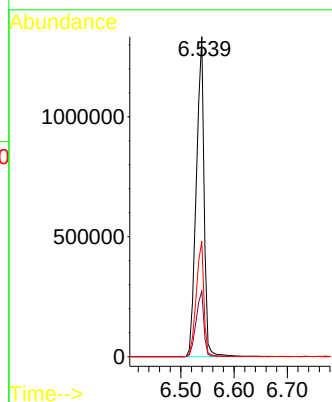
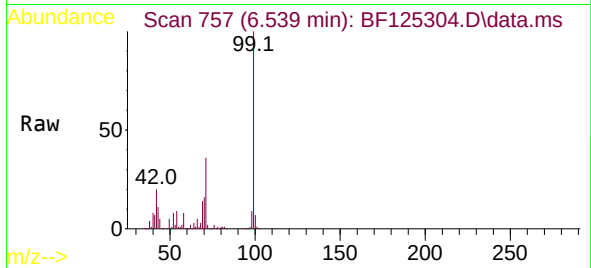




#7
Phenol-d6
Concen: 92.060 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF125304.D
Acq: 1 Sep 2021 13:56

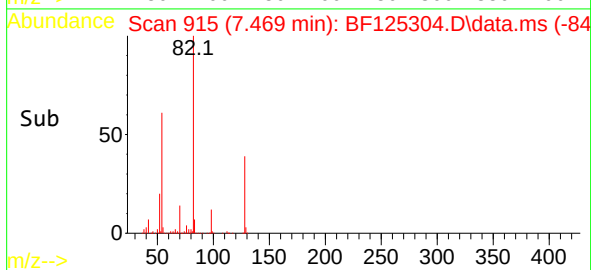
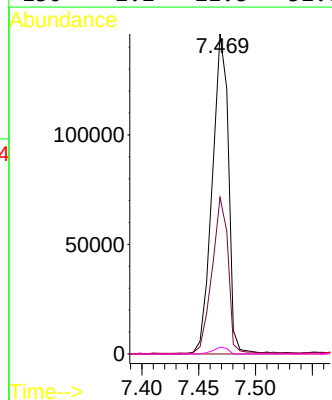
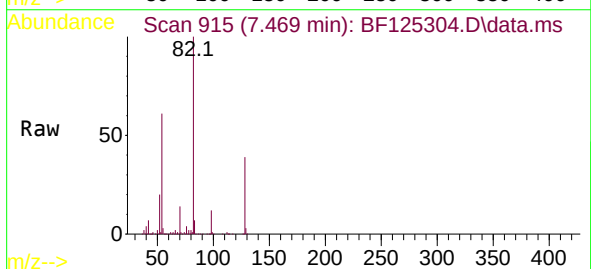
Instrument :
BNA_F
ClientSampleId :
ETGI-280

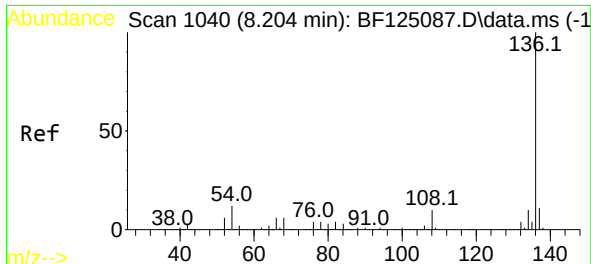
Tgt Ion: 99 Resp: 1368126
Ion Ratio Lower Upper
99 100
42 20.5 23.5 35.3#
71 36.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.248 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.141 min
Lab File: BF125304.D
Acq: 1 Sep 2021 13:56

Tgt Ion: 70 Resp: 145241
Ion Ratio Lower Upper
70 100
42 48.9 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#

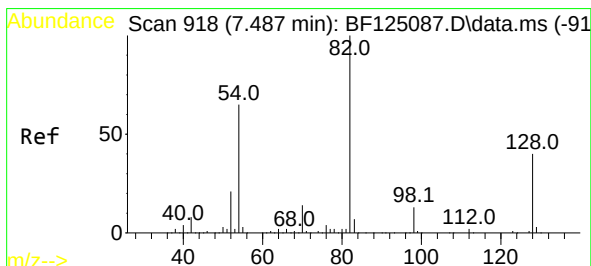
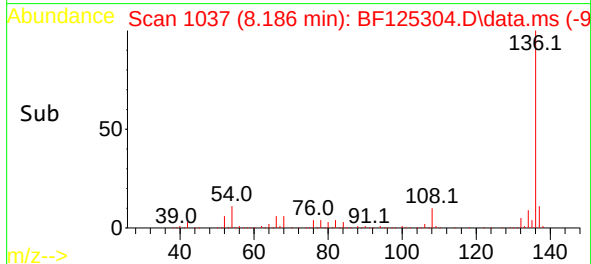
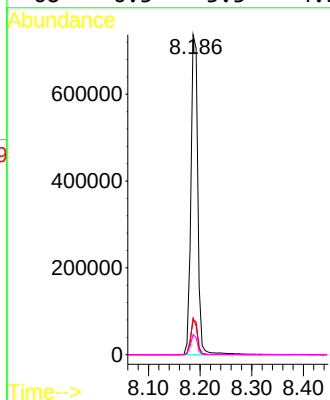
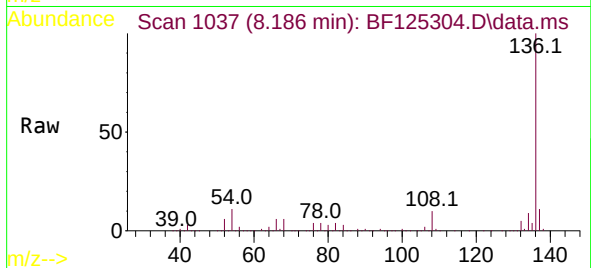




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF125304.D
Acq: 1 Sep 2021 13:56

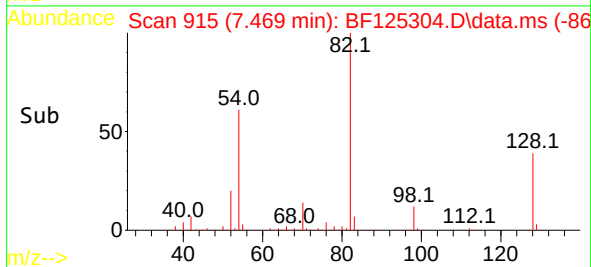
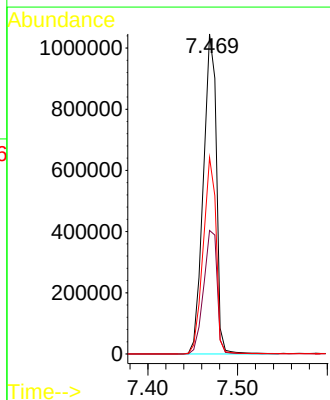
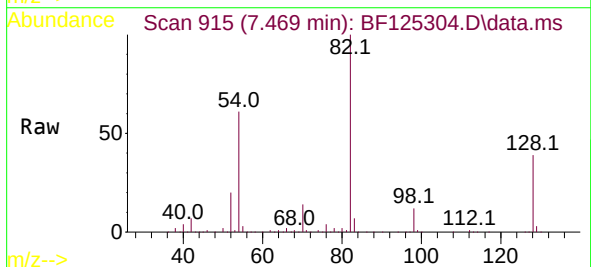
Instrument :
BNA_F
ClientSampleId :
ETGI-280

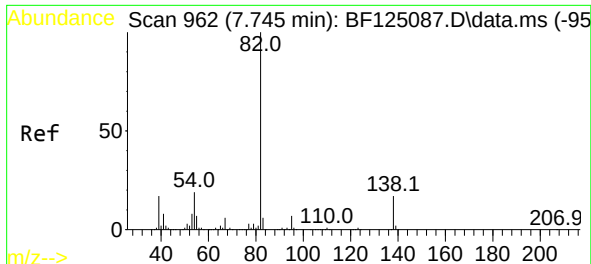
Tgt Ion:136 Resp: 686596
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 11.5 6.4 9.6#
68 6.3 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 77.859 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF125304.D
Acq: 1 Sep 2021 13:56

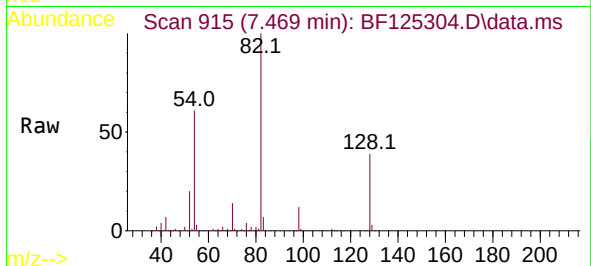
Tgt Ion: 82 Resp: 1061845
Ion Ratio Lower Upper
82 100
128 38.6 40.6 60.8#
54 61.4 49.6 74.4



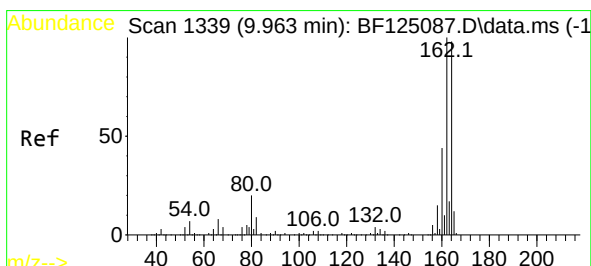
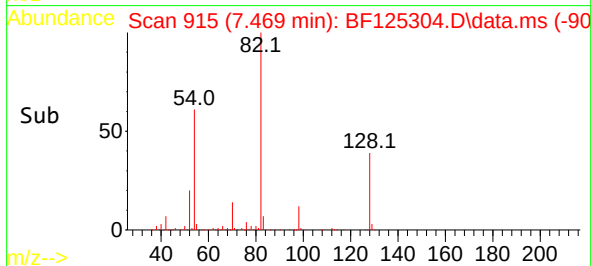
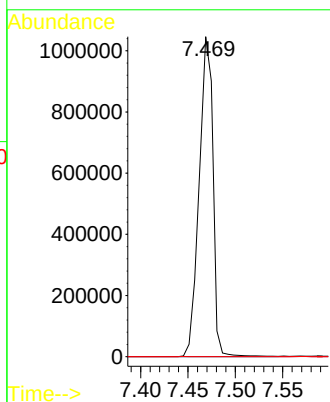


#25
Isophorone
Concen: 40.359 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.265 min
Lab File: BF125304.D
Acq: 1 Sep 2021 13:56

Instrument :
BNA_F
ClientSampleId :
ETGI-280

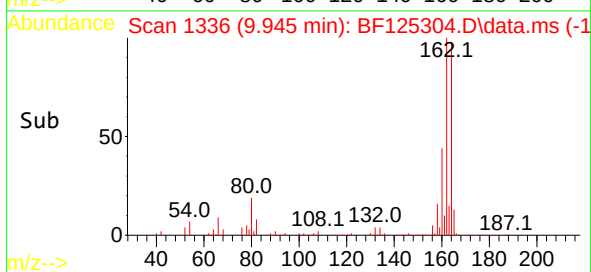
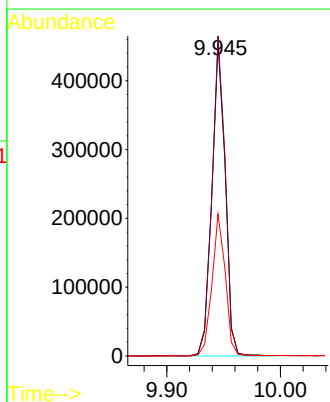
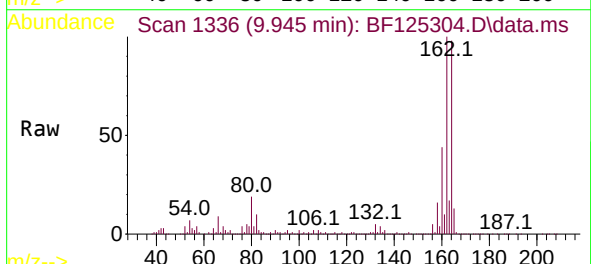


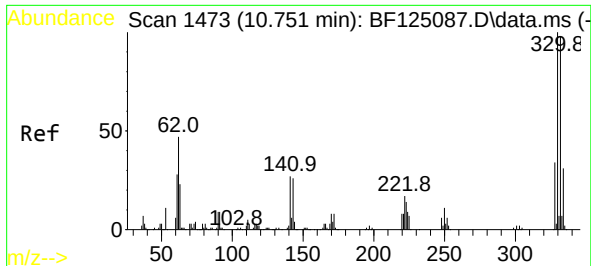
Tgt Ion: 82 Resp: 1061827
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF125304.D
Acq: 1 Sep 2021 13:56

Tgt Ion: 164 Resp: 371271
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 45.4 38.0 57.0

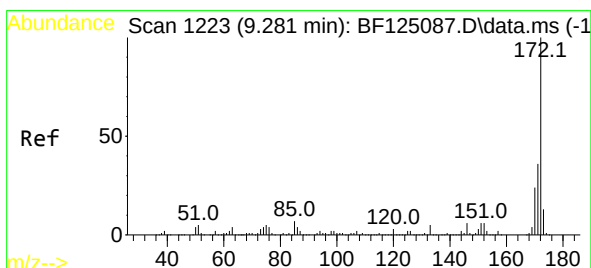
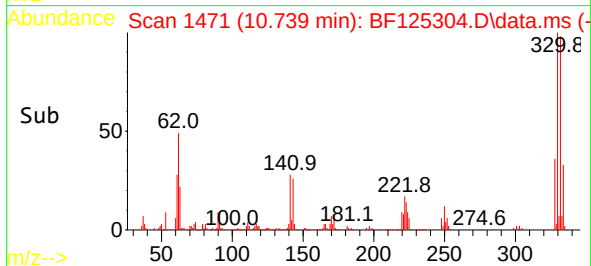
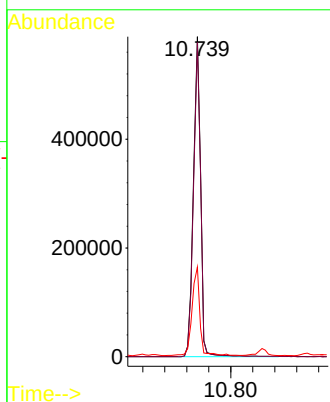
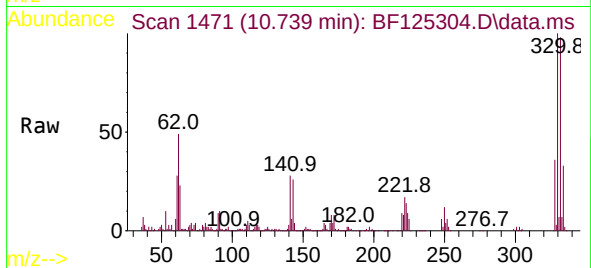




#42
2,4,6-Tribromophenol
Concen: 143.437 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF125304.D
Acq: 1 Sep 2021 13:56

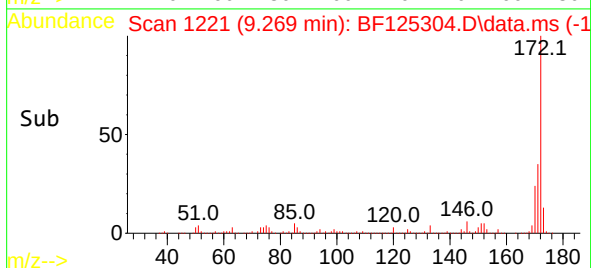
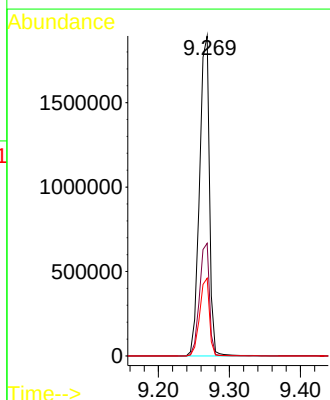
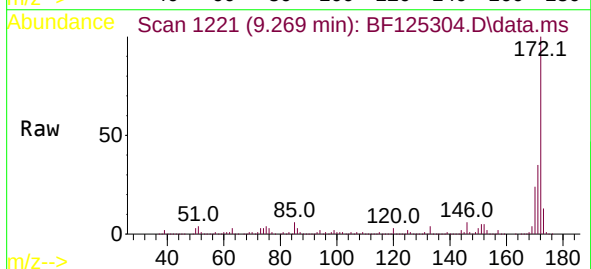
Instrument :
BNA_F
ClientSampled :
ETGI-280

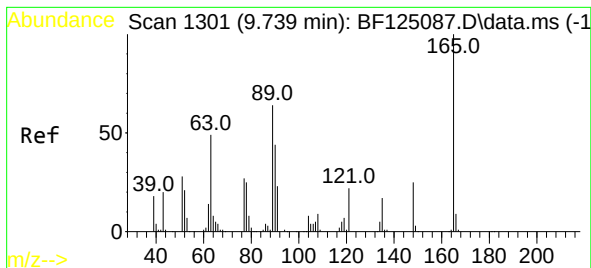
Tgt Ion:330 Resp: 531592
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 29.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 69.151 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125304.D
Acq: 1 Sep 2021 13:56

Tgt Ion:172 Resp: 1842080
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 24.3 18.8 28.2

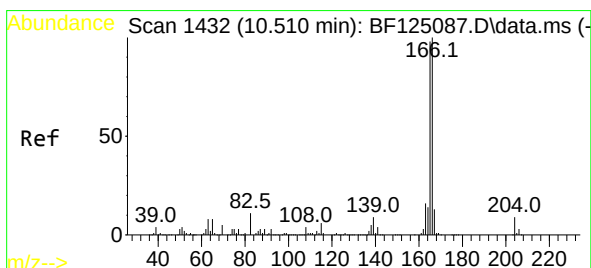
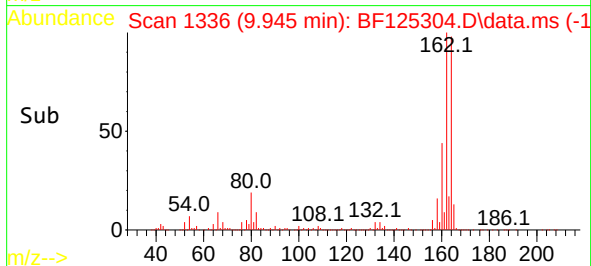
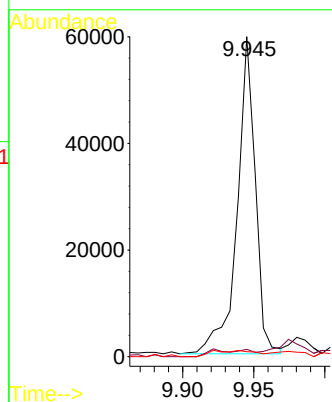
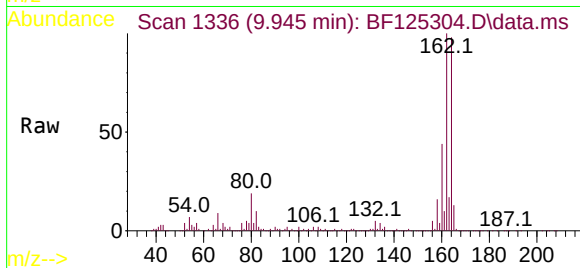




#51
2,6-Dinitrotoluene
Concen: 9.498 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF125304.D
Acq: 1 Sep 2021 13:56

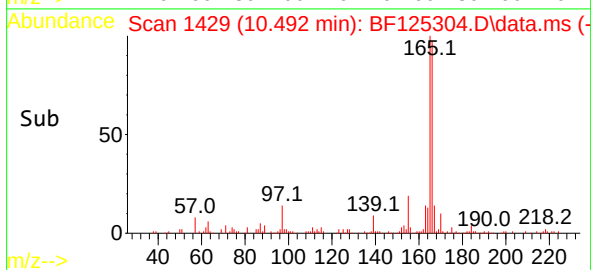
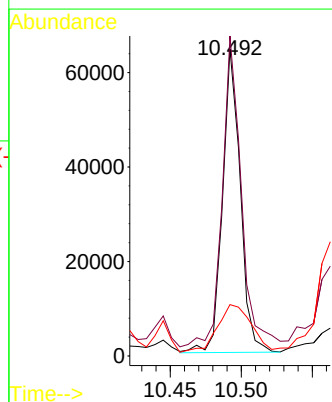
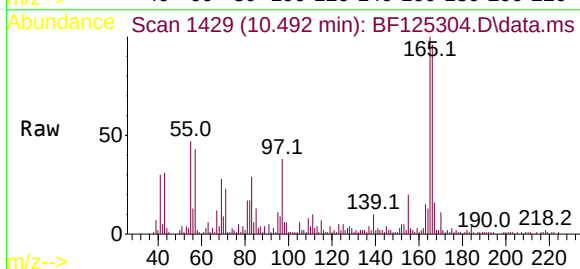
Instrument :
BNA_F
ClientSampled :
ETGI-280

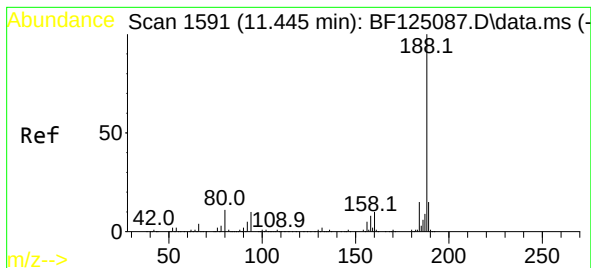
Tgt Ion:165 Resp: 52987
Ion Ratio Lower Upper
165 100
63 2.3 42.6 63.8#
89 1.6 40.6 60.8#



#58
Fluorene
Concen: 2.379 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF125304.D
Acq: 1 Sep 2021 13:56

Tgt Ion:166 Resp: 55622
Ion Ratio Lower Upper
166 100
165 104.1 78.1 117.1
167 16.7 11.1 16.7#

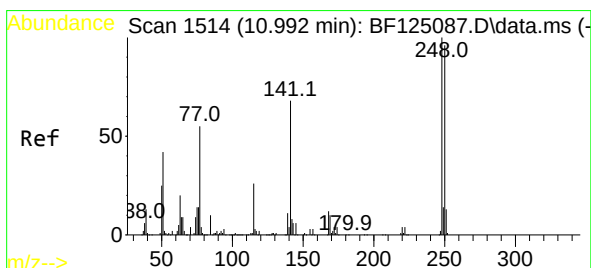
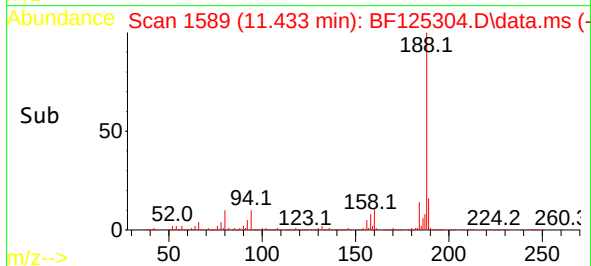
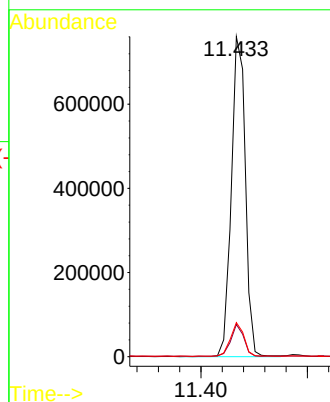
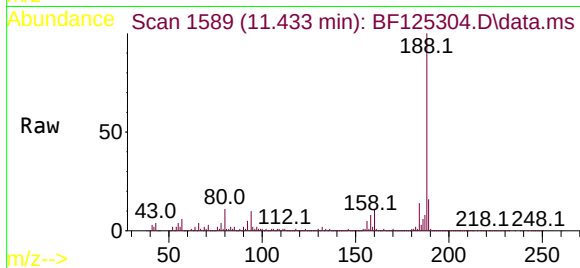




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125304.D
Acq: 1 Sep 2021 13:56

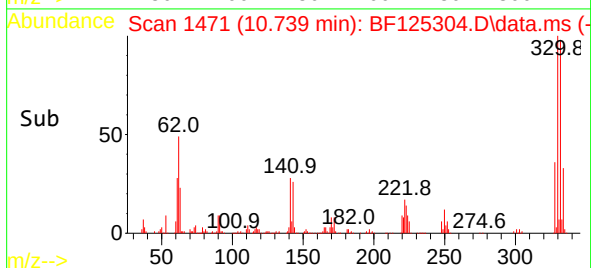
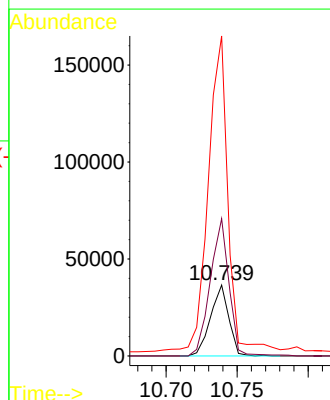
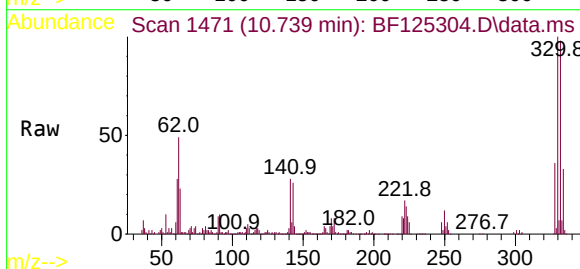
Instrument :
BNA_F
ClientSampleId :
ETGI-280

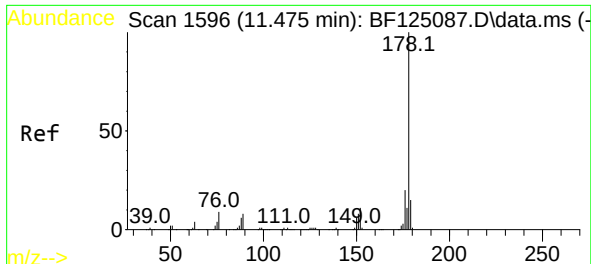
Tgt Ion:188 Resp: 692942
Ion Ratio Lower Upper
188 100
94 10.0 6.7 10.1
80 10.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.922 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125304.D
Acq: 1 Sep 2021 13:56

Tgt Ion:248 Resp: 32636
Ion Ratio Lower Upper
248 100
250 193.5 74.2 111.4#
141 450.9 60.4 90.6#

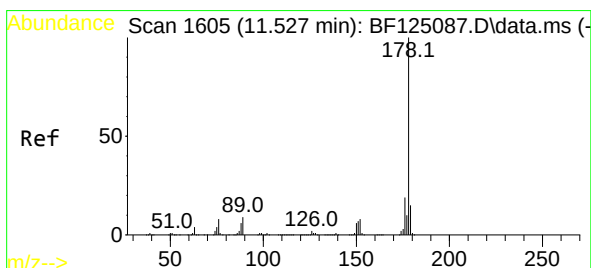
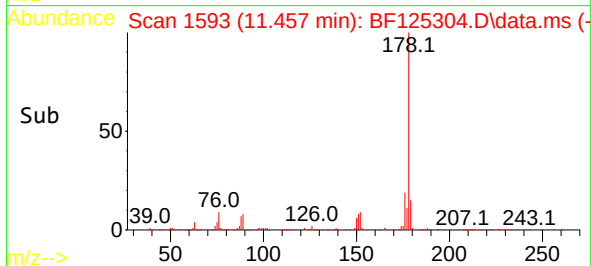
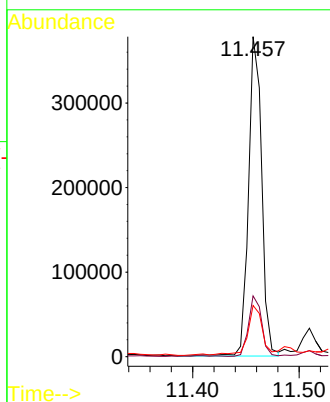
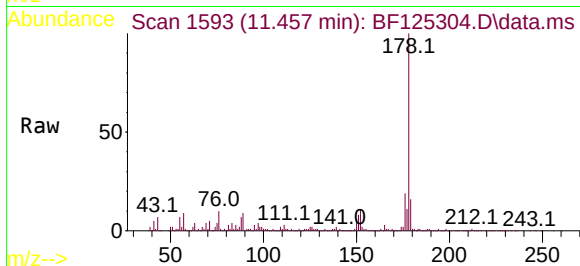




#71
Phenanthrene
Concen: 8.515 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF125304.D
Acq: 1 Sep 2021 13:56

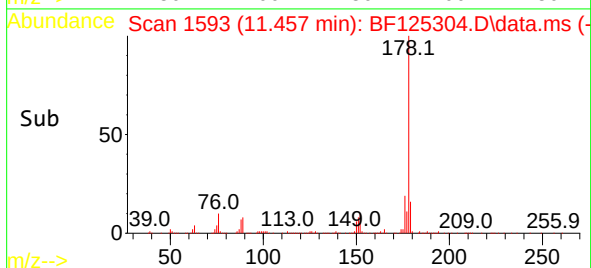
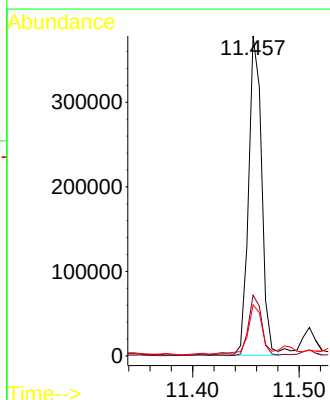
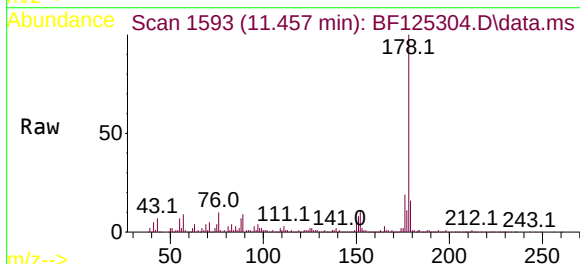
Instrument :
BNA_F
ClientSampled :
ETGI-280

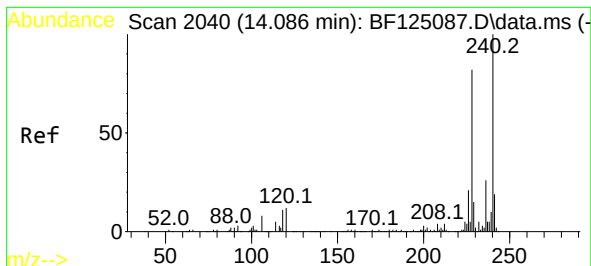
Tgt Ion:178 Resp: 325122
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 16.0 11.5 17.3



#72
Anthracene
Concen: 8.639 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.059 min
Lab File: BF125304.D
Acq: 1 Sep 2021 13:56

Tgt Ion:178 Resp: 325122
Ion Ratio Lower Upper
178 100
176 19.0 14.3 21.5
179 16.0 12.2 18.4

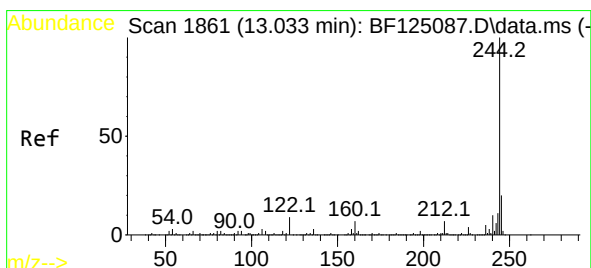
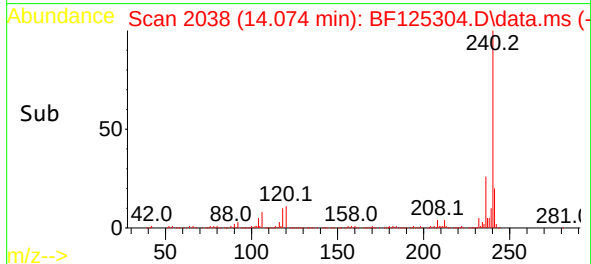
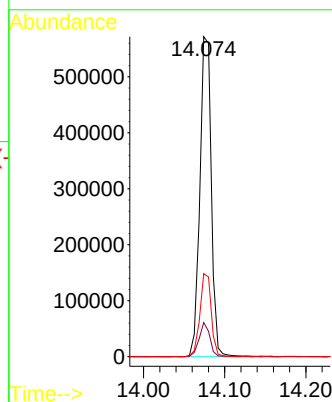
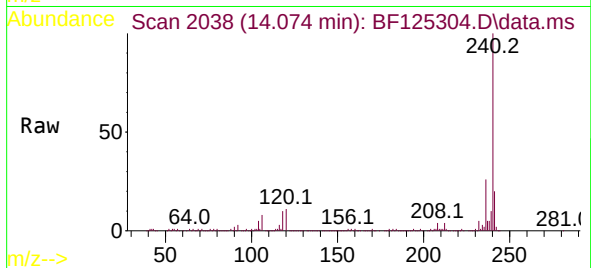




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125304.D
Acq: 1 Sep 2021 13:56

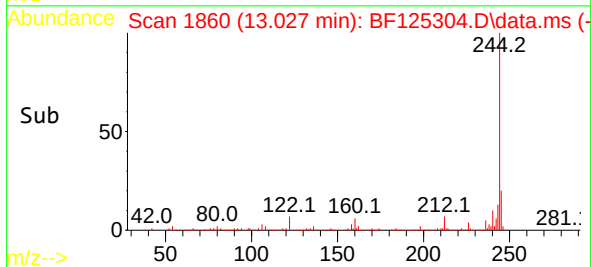
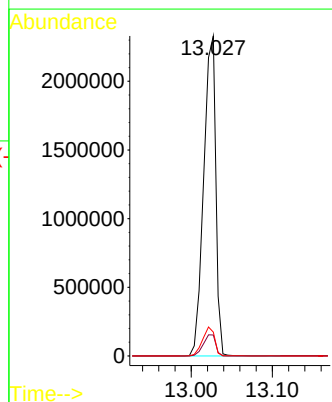
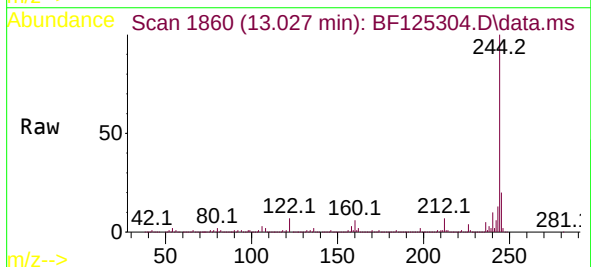
Instrument :
BNA_F
ClientSampleId :
ETGI-280

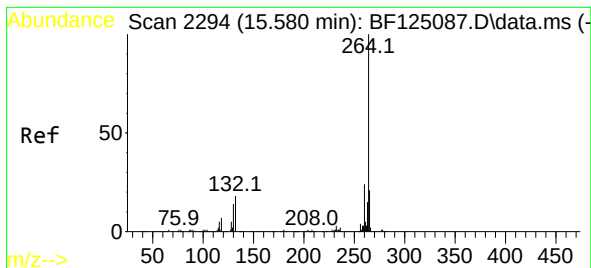
Tgt Ion:240 Resp: 562427
Ion Ratio Lower Upper
240 100
120 10.7 10.8 16.2#
236 26.0 21.6 32.4



#79
Terphenyl-d14
Concen: 68.408 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125304.D
Acq: 1 Sep 2021 13:56

Tgt Ion:244 Resp: 2415072
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 7.4 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. -0.000 min
 Lab File: BF125304.D
 Acq: 1 Sep 2021 13:56

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-280

Tgt Ion:264 Resp: 422263
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 21.3 17.2 25.8

