

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
 Data File : BF125278.D
 Acq On : 30 Aug 2021 23:42
 Operator : JU/CG
 Sample : M3569-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Quant Time: Aug 31 05:32:07 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)

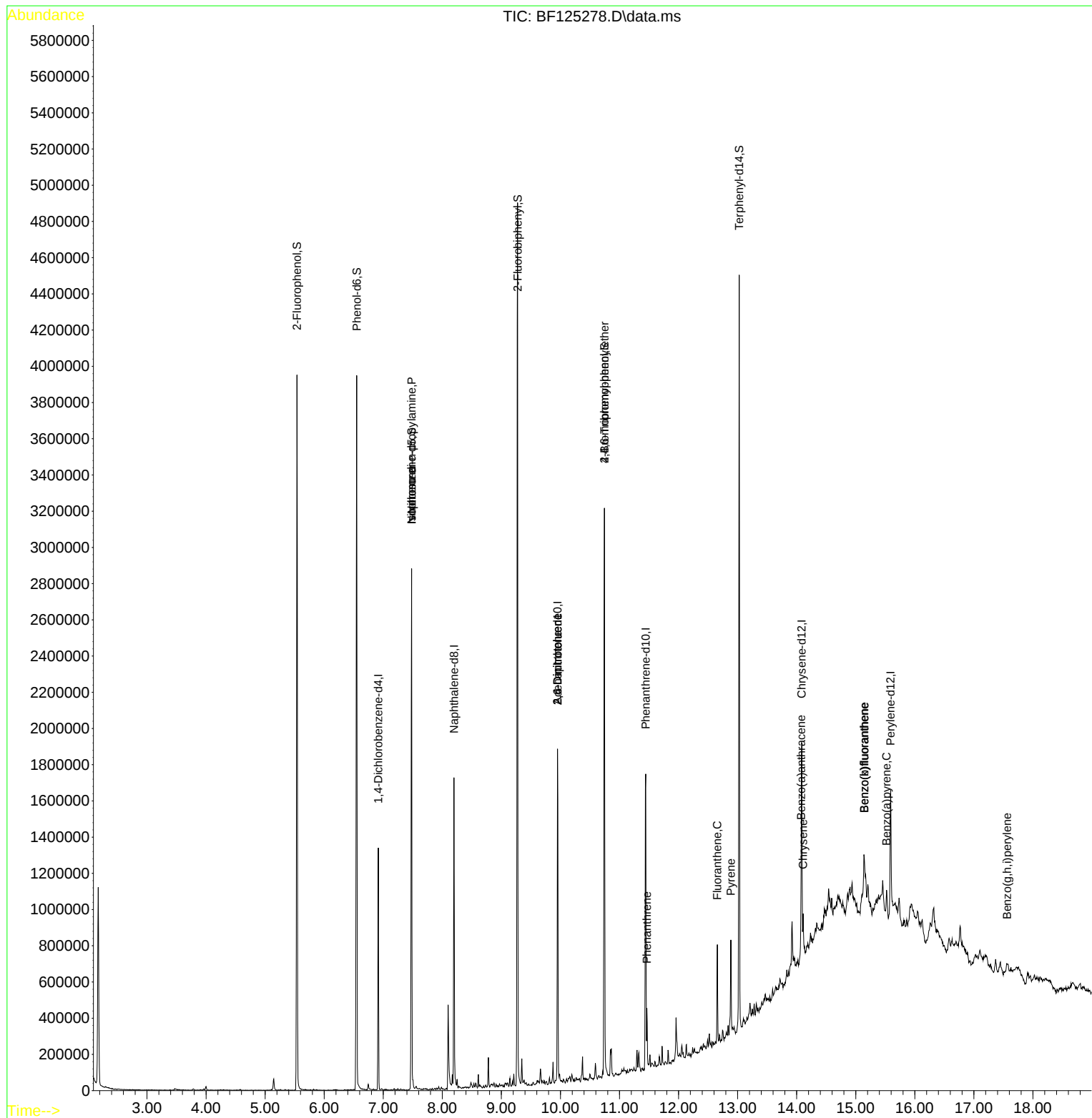
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	174790	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	685583	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	387209	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	643983	20.000	ng	0.00
76) Chrysene-d12	14.086	240	415164	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	308574	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	994577	86.126	ng	0.01
7) Phenol-d6	6.551	99	1277798	85.556	ng	0.01
23) Nitrobenzene-d5	7.481	82	844206	61.992	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	401419	103.855	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1545398	55.625	ng	0.00
79) Terphenyl-d14	13.027	244	1404464	53.893	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	115235	12.828	ng	# 56
25) Isophorone	7.481	82	844192	32.134	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	51384	8.831	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	52148	7.405	ng	# 20
67) 4-Bromophenyl-phenylether	10.745	248	25364	3.280	ng	# 1
71) Phenanthrene	11.463	178	109780	3.094	ng	99
75) Fluoranthene	12.657	202	204512	5.809	ng	98
78) Pyrene	12.886	202	191362	5.373	ng	97
81) Benzo(a)anthracene	14.074	228	100698	3.366	ng	93
83) Chrysene	14.110	228	92488	3.126	ng	97
88) Benzo(b)fluoranthene	15.145	252	160943	7.139	ng	# 86
89) Benzo(k)fluoranthene	15.145	252	160943	7.651	ng	# 86
90) Benzo(a)pyrene	15.521	252	73195	3.676	ng	# 83
92) Benzo(g,h,i)perylene	17.562	276	42677	2.303	ng	97

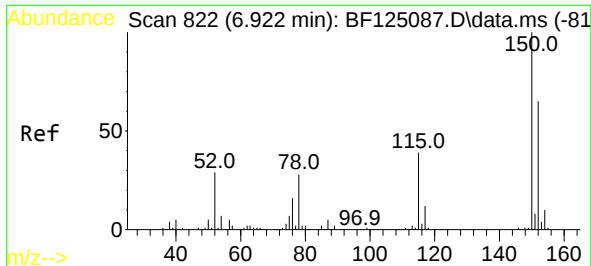
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125278.D
Acq On : 30 Aug 2021 23:42
Operator : JU/CG
Sample : M3569-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1

Quant Time: Aug 31 05:32:07 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

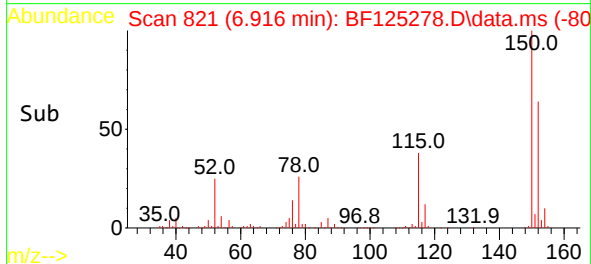
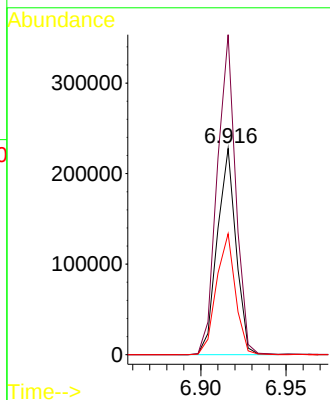
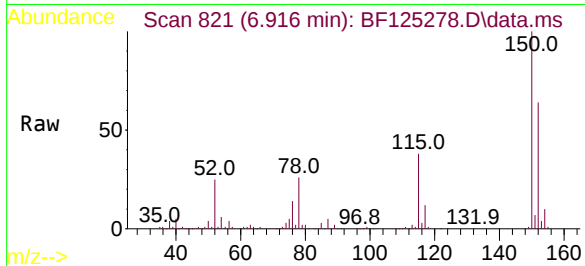




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

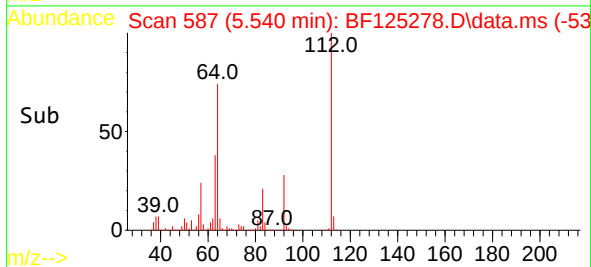
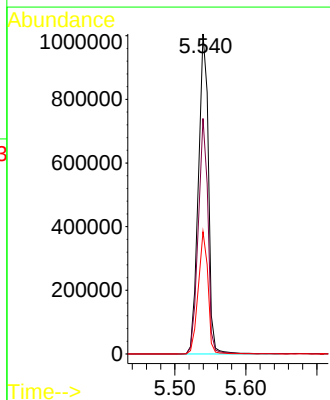
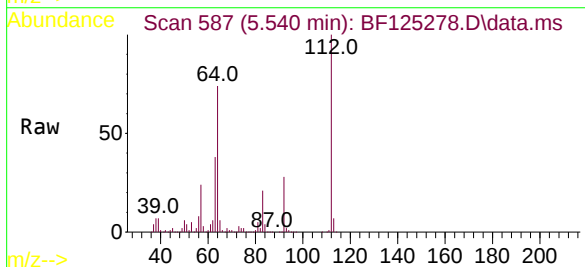
Instrument :
BNA_F
ClientSampled :
S-1

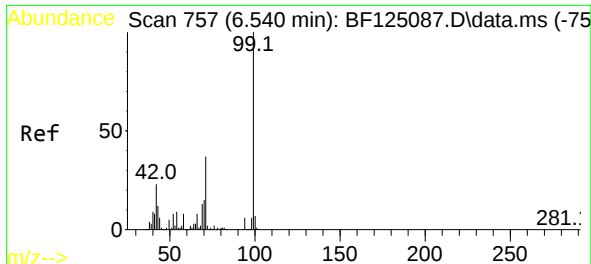
Tgt Ion:152 Resp: 174790
Ion Ratio Lower Upper
152 100
150 155.1 117.6 176.4
115 58.6 47.1 70.7



#5
2-Fluorophenol
Concen: 86.126 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

Tgt Ion:112 Resp: 994577
Ion Ratio Lower Upper
112 100
64 73.6 44.2 66.2#
63 38.2 26.2 39.2

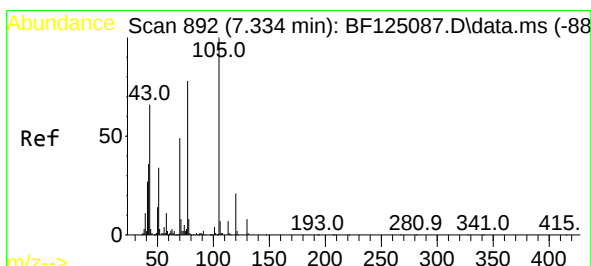
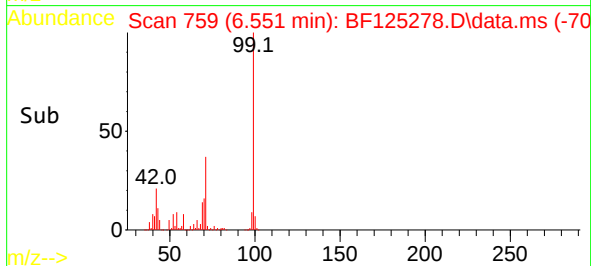
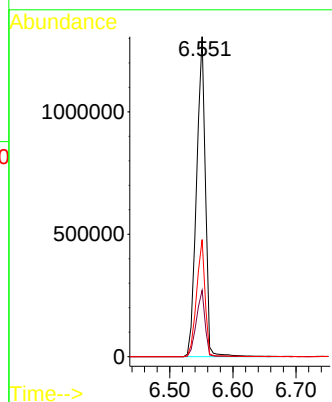
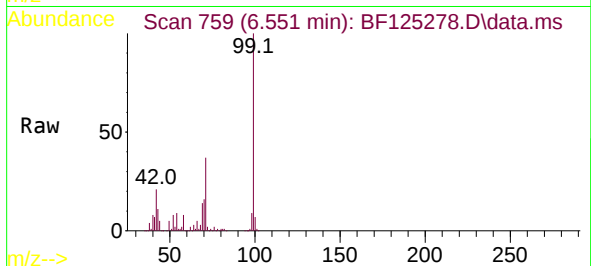




#7
Phenol-d6
Concen: 85.556 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.012 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

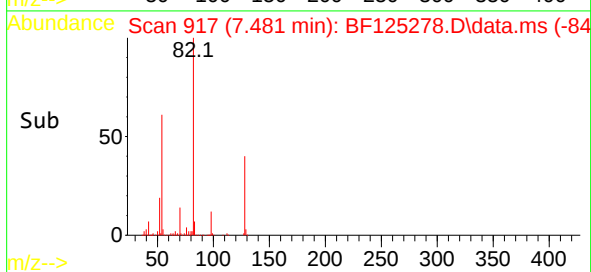
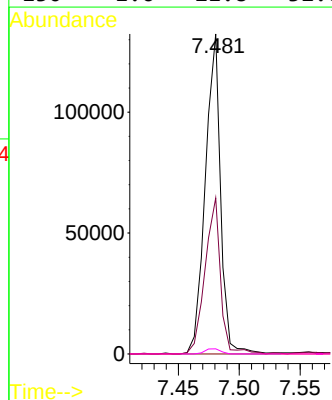
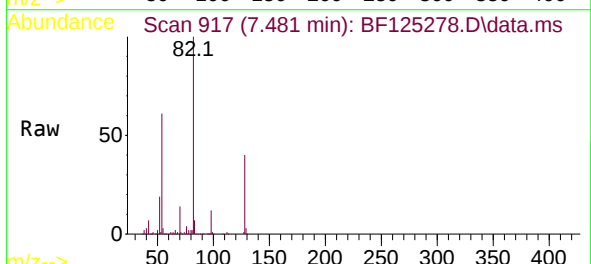
Instrument :
BNA_F
ClientSampleId :
S-1

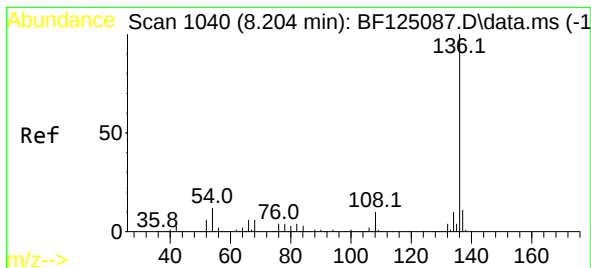
Tgt Ion: 99 Resp: 1277798
Ion Ratio Lower Upper
99 100
42 20.7 23.5 35.3#
71 36.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.828 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.153 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

Tgt Ion: 70 Resp: 115235
Ion Ratio Lower Upper
70 100
42 48.8 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#

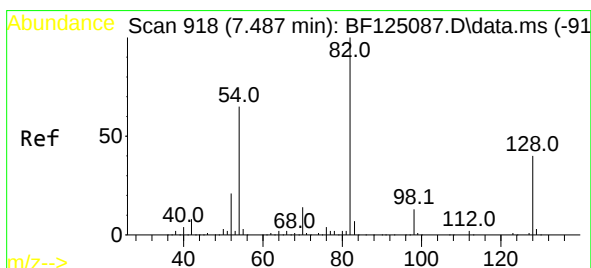
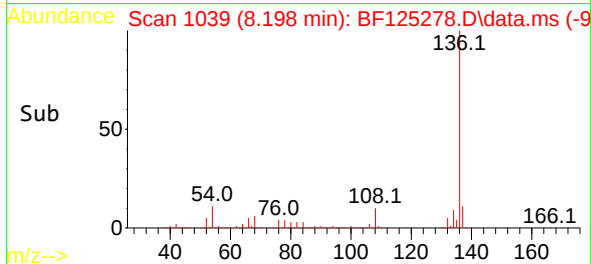
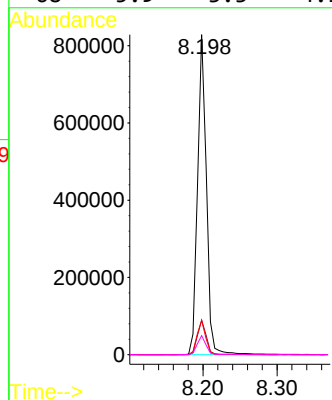
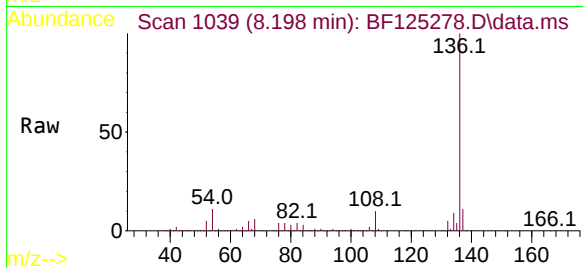




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

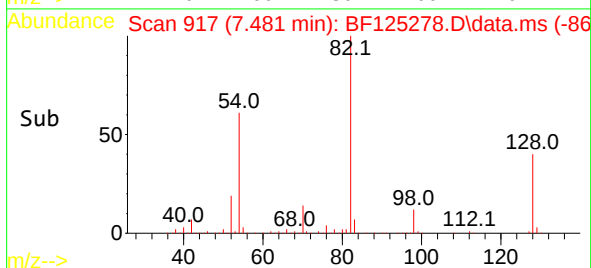
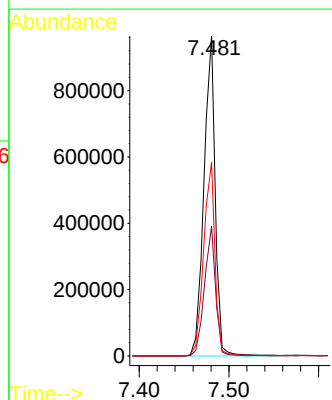
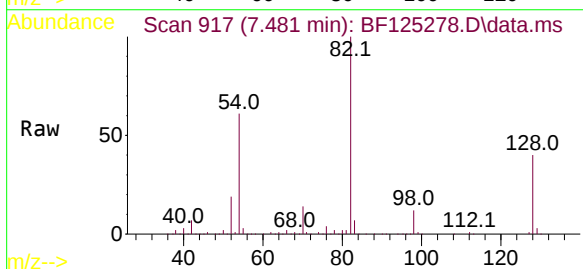
Instrument :
BNA_F
ClientSampled :
S-1

Tgt Ion:136 Resp: 685583
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 10.7 6.4 9.6#
68 5.9 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 61.992 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

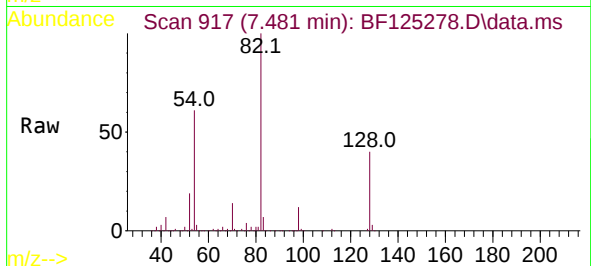
Tgt Ion: 82 Resp: 844206
Ion Ratio Lower Upper
82 100
128 40.5 40.6 60.8#
54 60.6 49.6 74.4



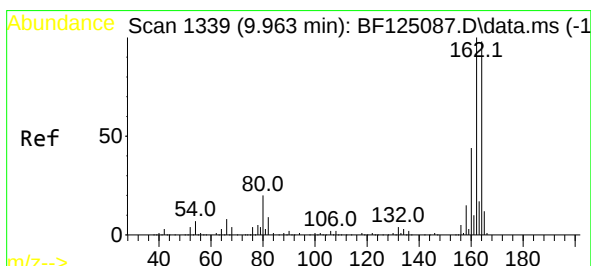
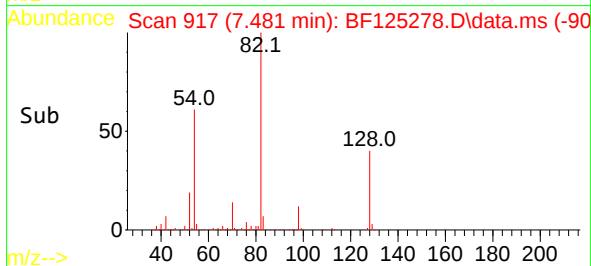
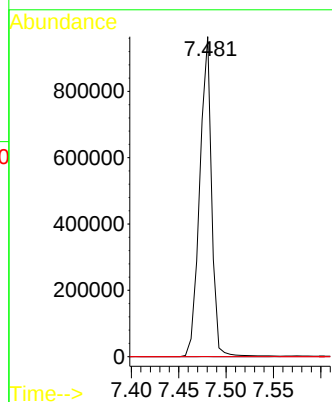


#25
Isophorone
Concen: 32.134 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.253 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

Instrument :
BNA_F
ClientSampleId :
S-1

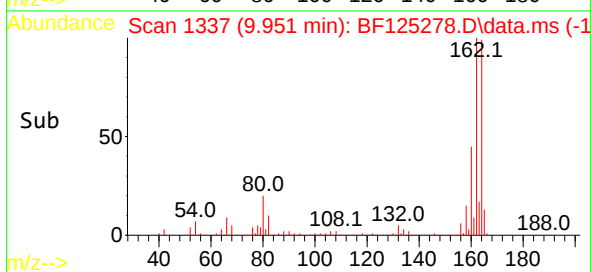
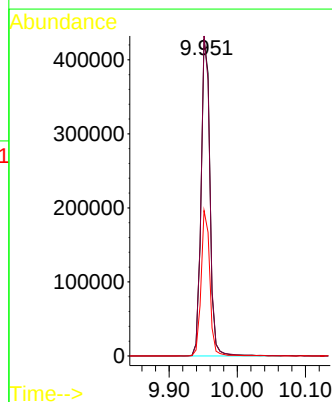
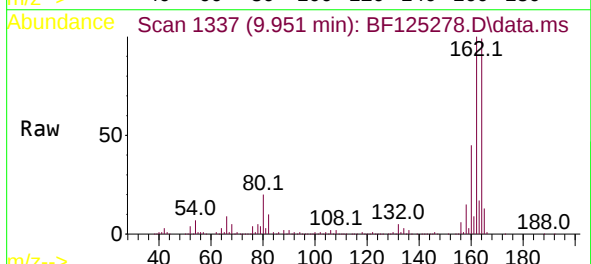


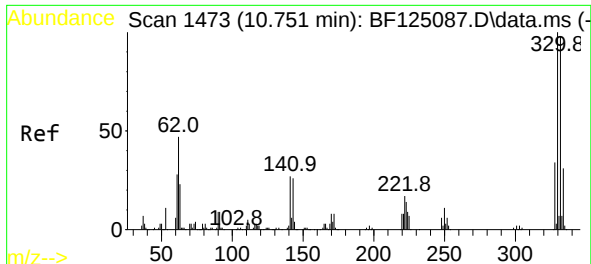
Tgt Ion: 82 Resp: 844192
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

Tgt Ion: 164 Resp: 387209
Ion Ratio Lower Upper
164 100
162 100.9 81.3 121.9
160 45.9 38.0 57.0

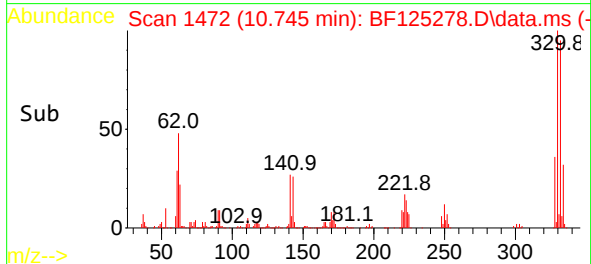
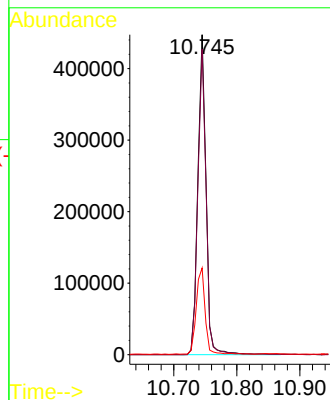
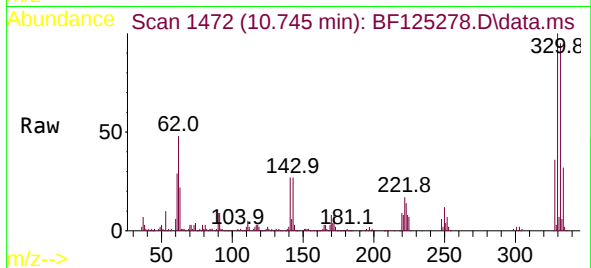




#42
2,4,6-Tribromophenol
Concen: 103.855 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.006 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

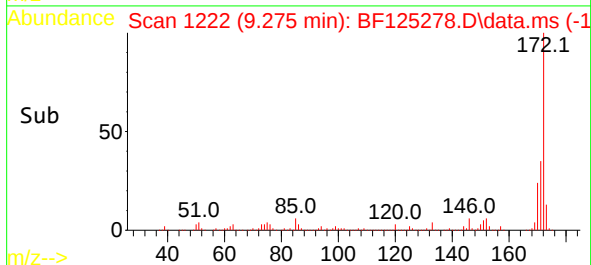
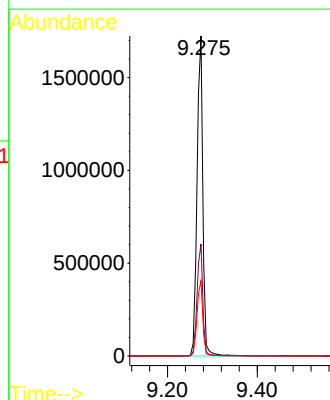
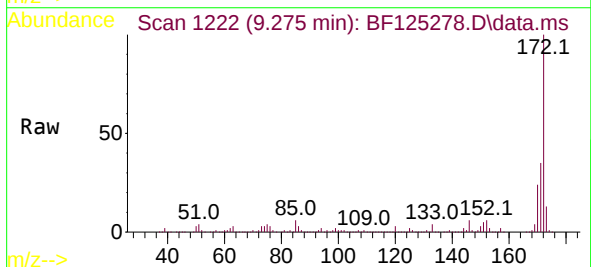
Instrument :
BNA_F
ClientSampled :
S-1

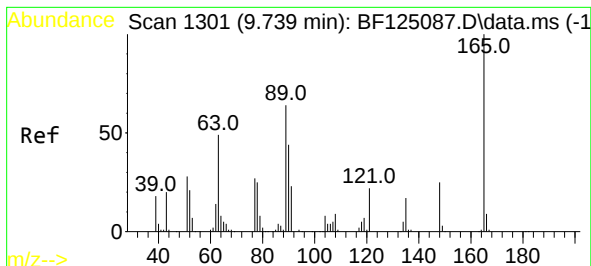
Tgt Ion: 330 Resp: 401419
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 29.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 55.625 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

Tgt Ion: 172 Resp: 1545398
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.5 18.8 28.2

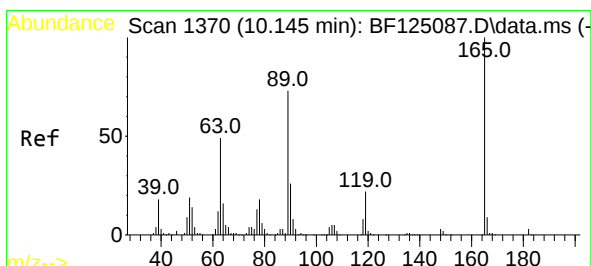
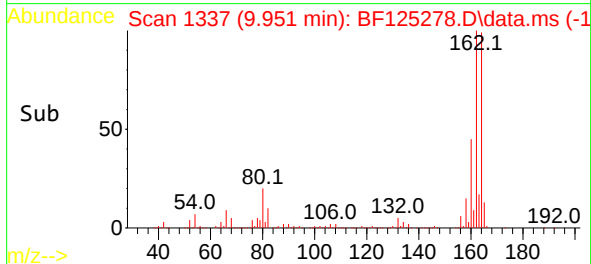
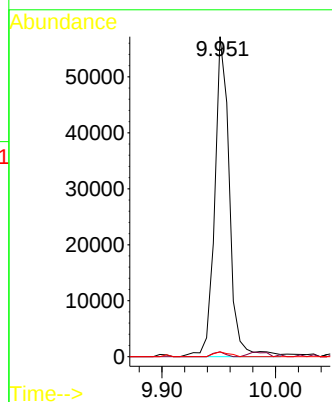
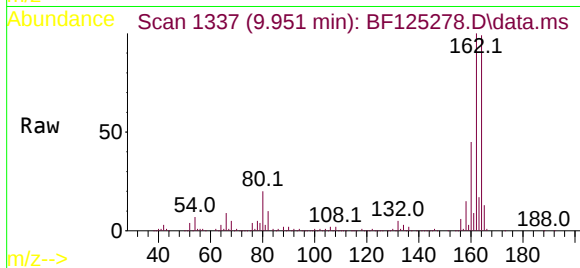




#51
2,6-Dinitrotoluene
Concen: 8.831 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

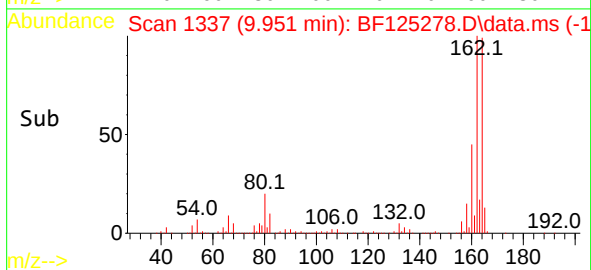
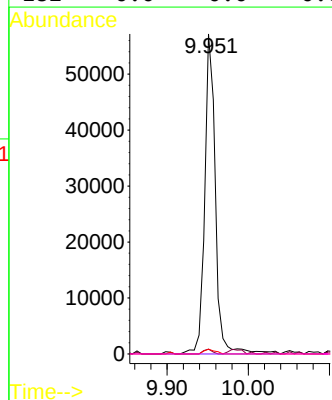
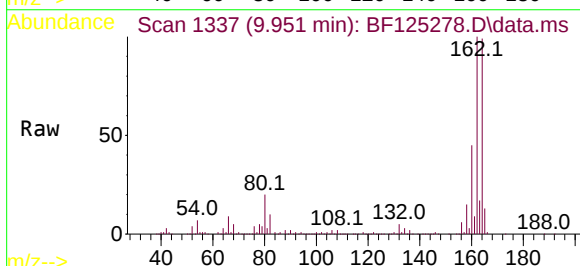
Instrument :
BNA_F
ClientSampled :
S-1

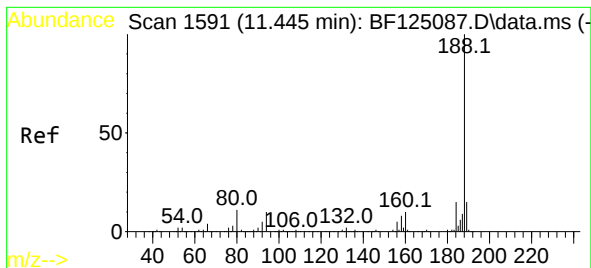
Tgt Ion:165 Resp: 51384
Ion Ratio Lower Upper
165 100
63 1.5 42.6 63.8#
89 1.5 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.405 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

Tgt Ion:165 Resp: 52148
Ion Ratio Lower Upper
165 100
63 1.5 40.9 61.3#
89 1.5 59.7 89.5#
182 0.0 0.0 0.0

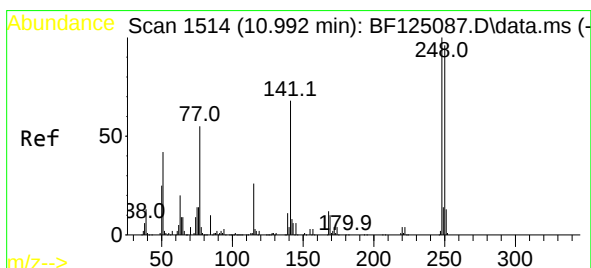
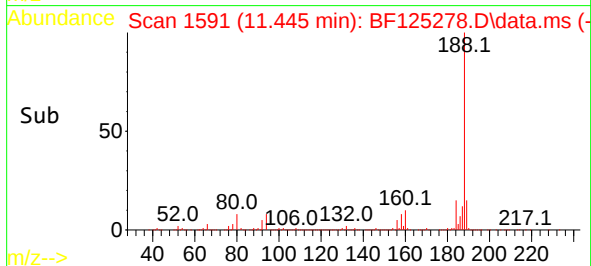
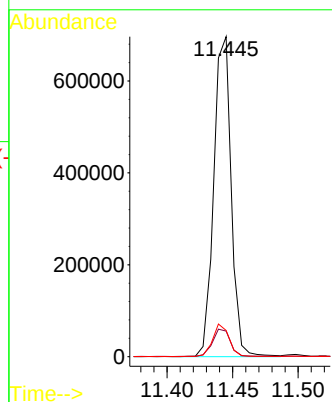
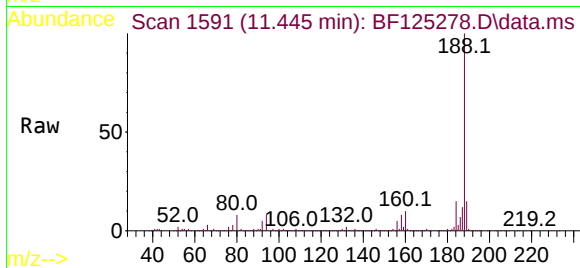




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.006 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

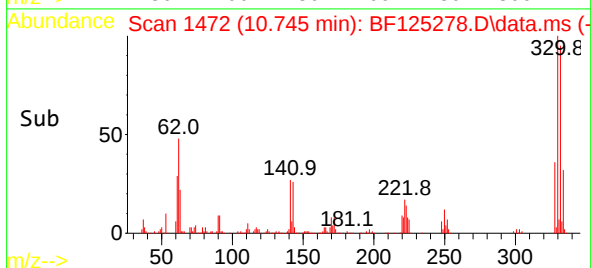
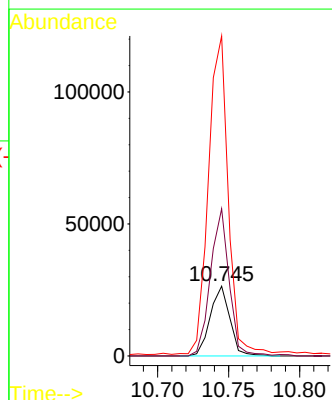
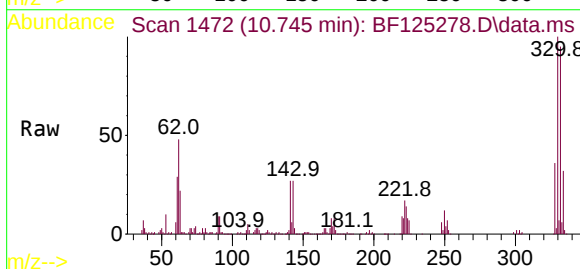
Instrument :
BNA_F
ClientSampled :
S-1

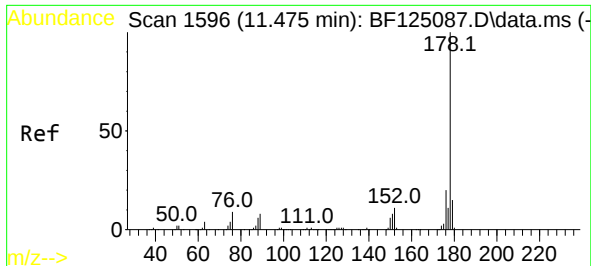
Tgt Ion:188 Resp: 643983
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.280 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.235 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

Tgt Ion:248 Resp: 25364
Ion Ratio Lower Upper
248 100
250 210.9 74.2 111.4#
141 458.5 60.4 90.6#

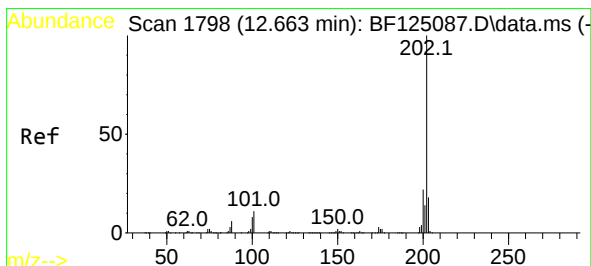
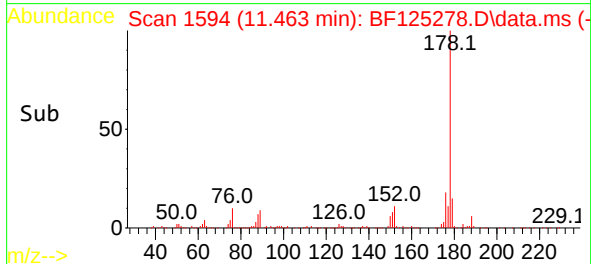
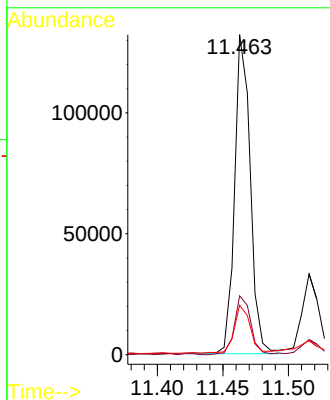
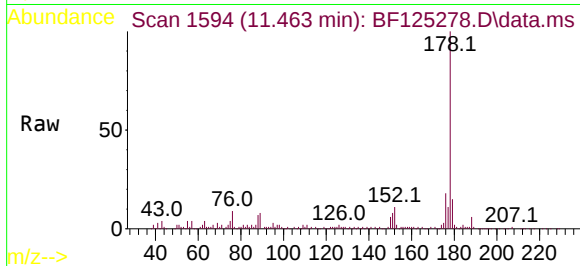




#71
Phenanthrene
Concen: 3.094 ng
RT: 11.463 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

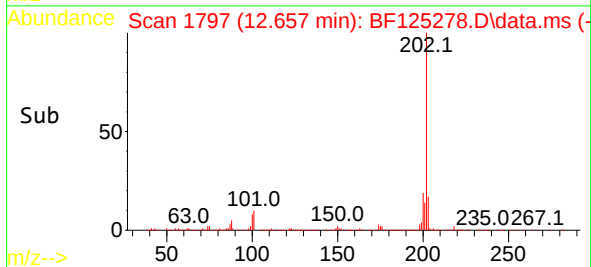
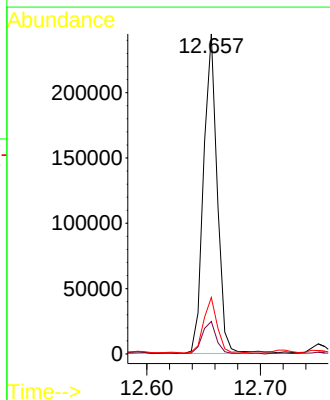
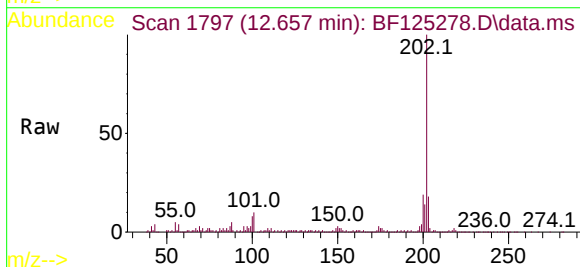
Instrument :
BNA_F
ClientSampled :
S-1

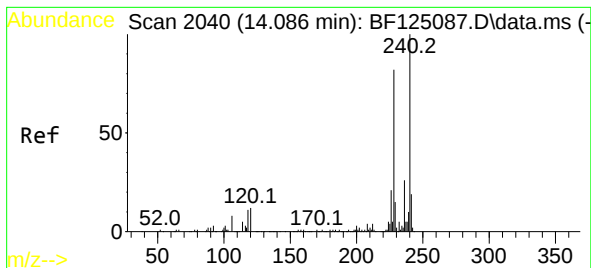
Tgt Ion:178 Resp: 109780
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.5 11.5 17.3



#75
Fluoranthene
Concen: 5.809 ng
RT: 12.657 min Scan# 1797
Delta R.T. 0.006 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

Tgt Ion:202 Resp: 204512
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.7
203 17.7 0.0 36.3

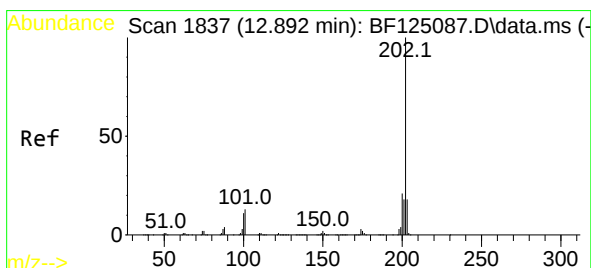
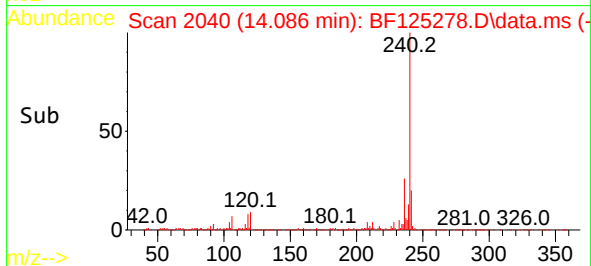
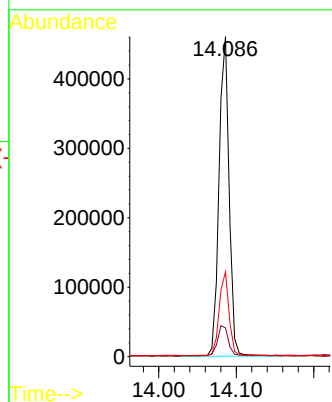
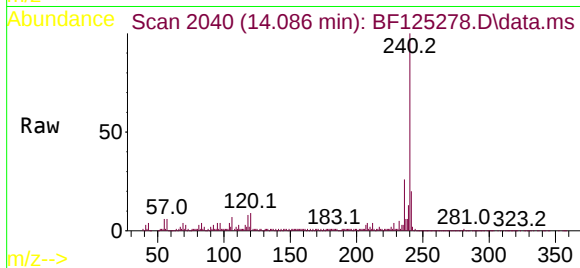




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.006 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

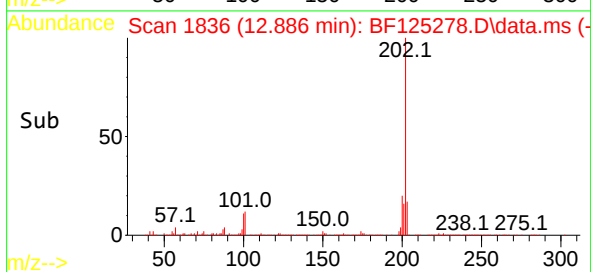
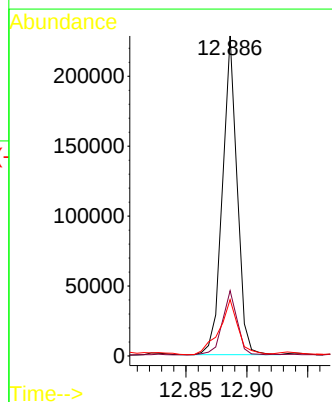
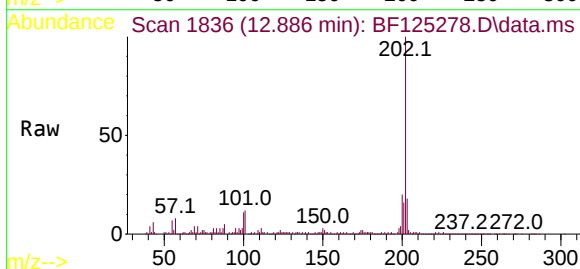
Instrument :
BNA_F
ClientSampled :
S-1

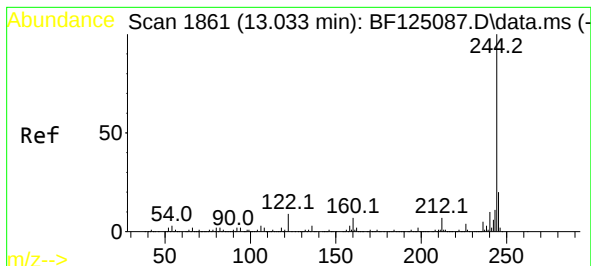
Tgt Ion:240 Resp: 415164
Ion Ratio Lower Upper
240 100
120 9.0 10.8 16.2#
236 26.5 21.6 32.4



#78
Pyrene
Concen: 5.373 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.000 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

Tgt Ion:202 Resp: 191362
Ion Ratio Lower Upper
202 100
200 20.4 15.3 22.9
203 17.6 13.4 20.0

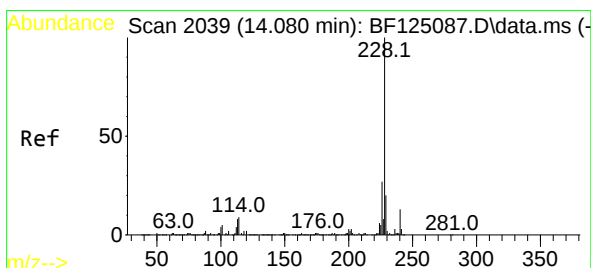
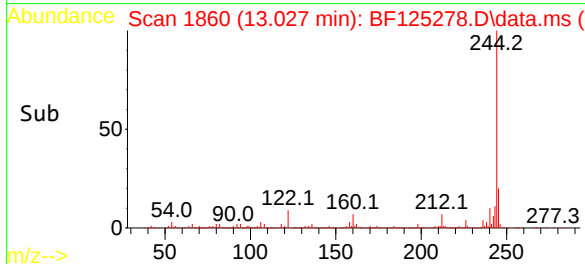
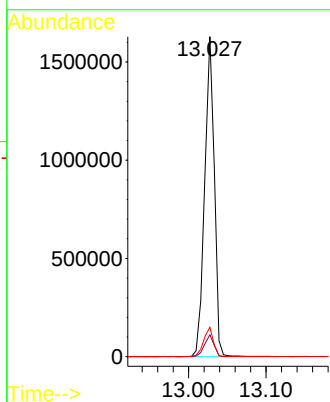
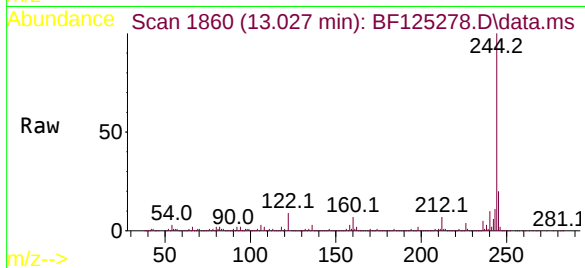




#79
Terphenyl-d14
Concen: 53.893 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

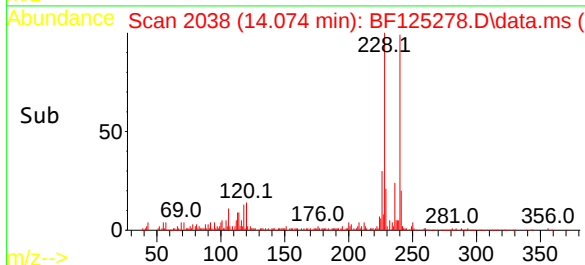
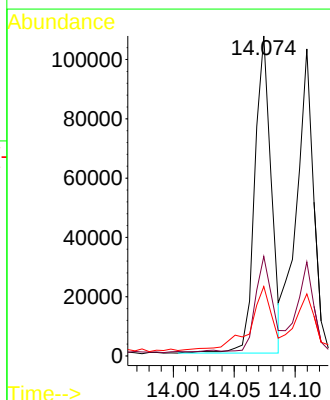
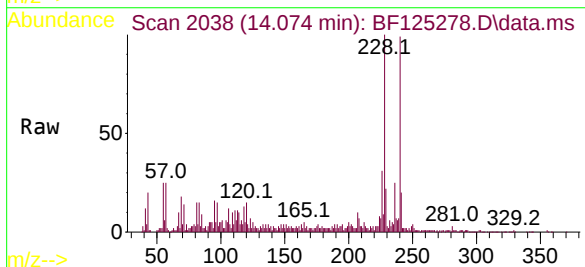
Instrument :
BNA_F
ClientSampleId :
S-1

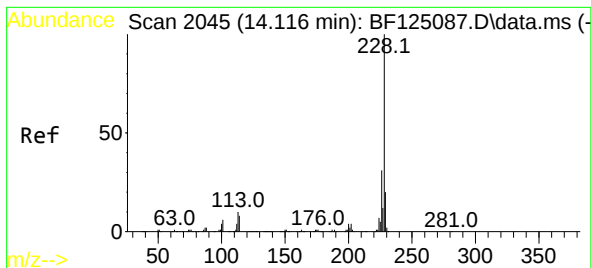
Tgt Ion:244 Resp: 1404464
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.1 9.0 13.4



#81
Benzo(a)anthracene
Concen: 3.366 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

Tgt Ion:228 Resp: 100698
Ion Ratio Lower Upper
228 100
226 31.1 21.6 32.4
229 21.7 15.6 23.4





#83

Chrysene

Concen: 3.126 ng

RT: 14.110 min Scan# 2044

Delta R.T. 0.000 min

Lab File: BF125278.D

Acq: 30 Aug 2021 23:42

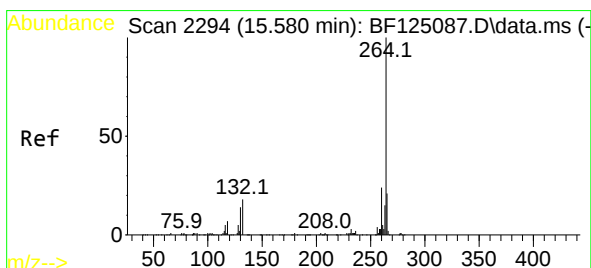
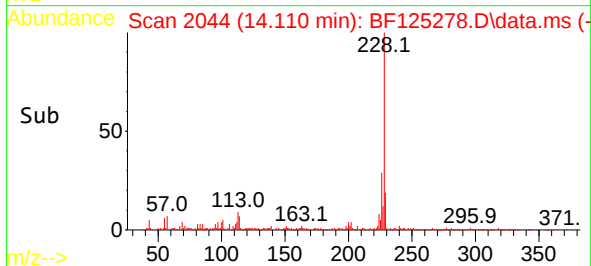
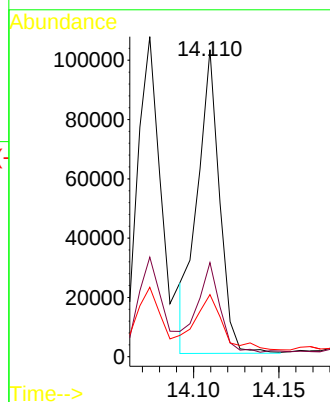
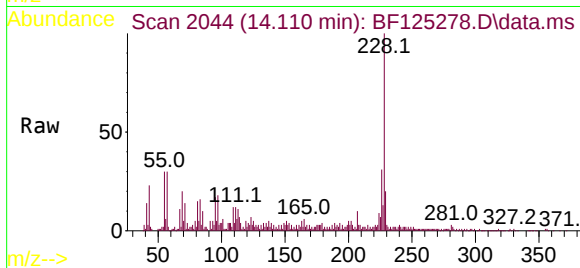
Tgt Ion:	228	Resp:	92488
Ion Ratio	Lower	Upper	
228	100		
226	30.7	22.6	34.0
229	20.2	15.9	23.9

Instrument :

BNA_F

ClientSampled :

S-1



#86

Perylene-d12

Concen: 20.000 ng

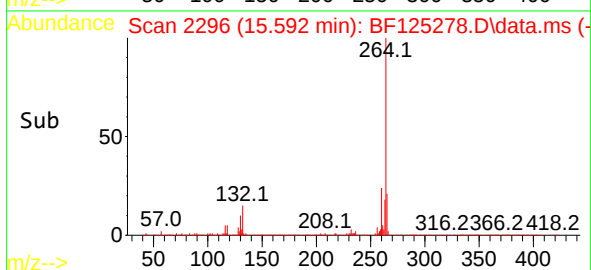
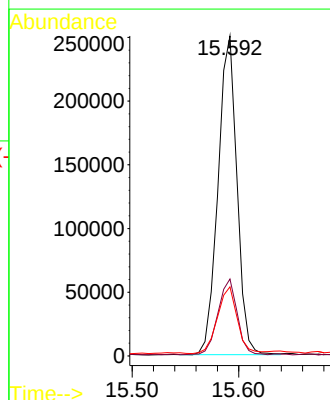
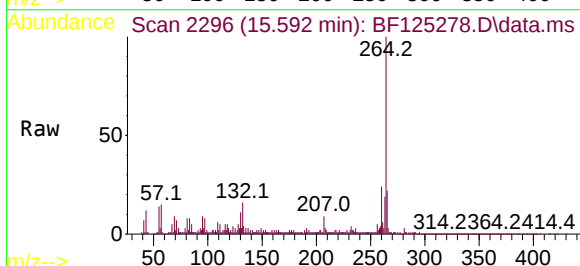
RT: 15.592 min Scan# 2296

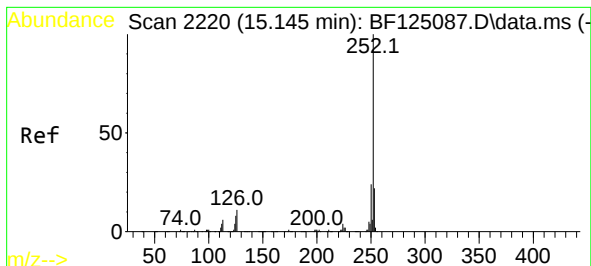
Delta R.T. 0.018 min

Lab File: BF125278.D

Acq: 30 Aug 2021 23:42

Tgt Ion:	264	Resp:	308574
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.6	29.4
265	21.6	17.2	25.8

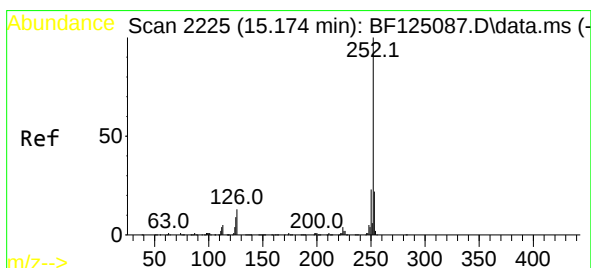
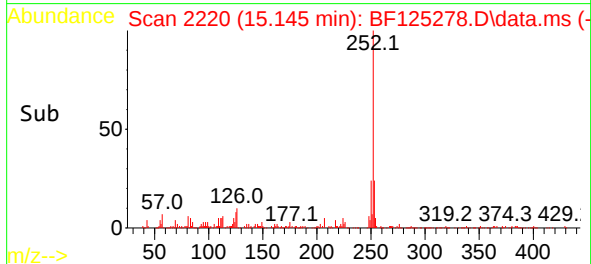
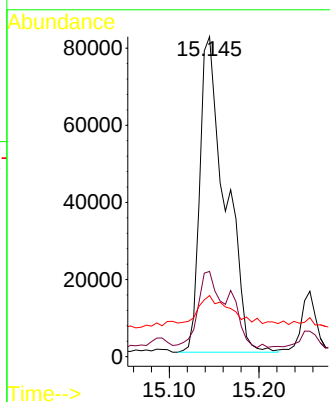
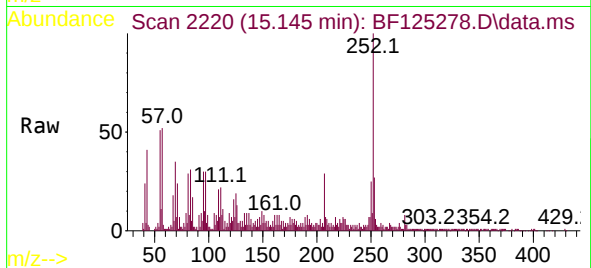




#88
Benzo(b)fluoranthene
Concen: 7.139 ng
RT: 15.145 min Scan# 2220
Delta R.T. 0.012 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

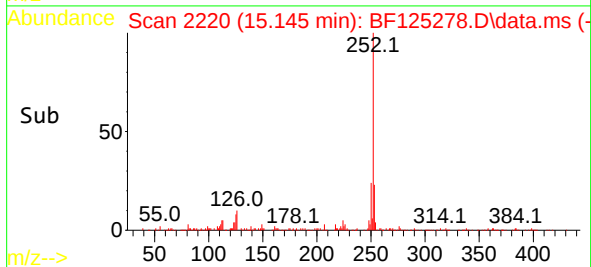
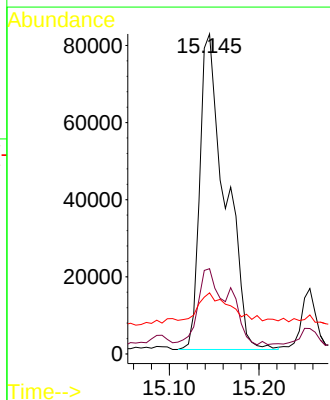
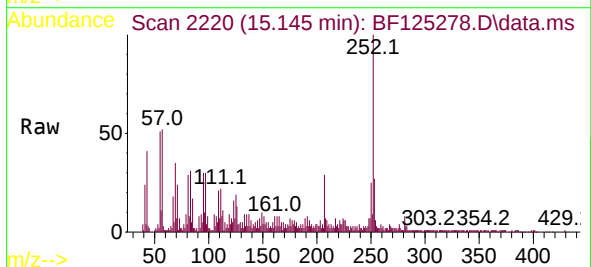
Instrument :
BNA_F
ClientSampled :
S-1

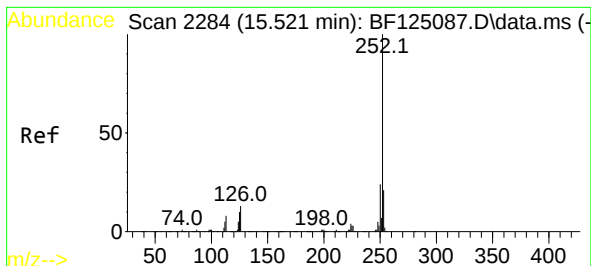
Tgt Ion:252 Resp: 160943
Ion Ratio Lower Upper
252 100
253 26.6 16.8 25.2#
125 19.1 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 7.651 ng
RT: 15.145 min Scan# 2220
Delta R.T. -0.023 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

Tgt Ion:252 Resp: 160943
Ion Ratio Lower Upper
252 100
253 26.6 17.8 26.8
125 19.1 7.2 10.8#

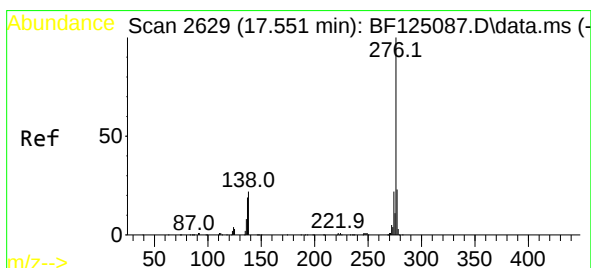
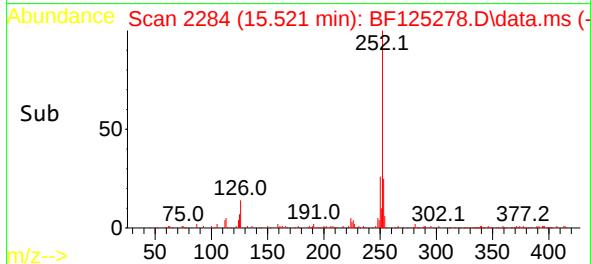
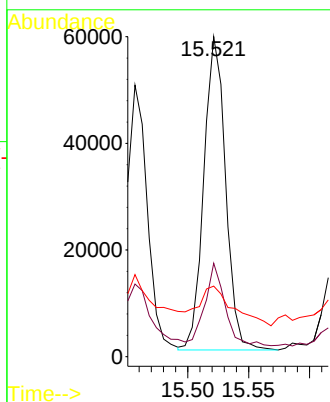
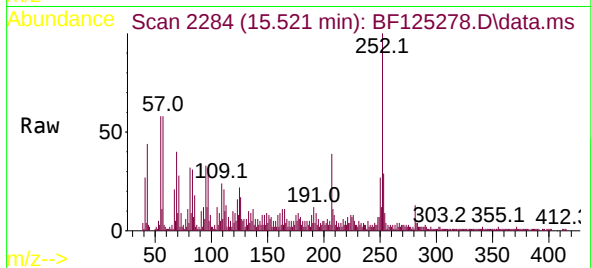




#90
Benzo(a)pyrene
Concen: 3.676 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

Instrument :
BNA_F
ClientSampled :
S-1

Tgt Ion:252 Resp: 73195
Ion Ratio Lower Upper
252 100
253 29.2 18.4 27.6#
125 22.0 9.9 14.9#



#92
Benzo(g,h,i)perylene
Concen: 2.303 ng
RT: 17.562 min Scan# 2631
Delta R.T. 0.012 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

Tgt Ion:276 Resp: 42677
Ion Ratio Lower Upper
276 100
277 25.4 22.0 33.0
138 27.2 22.2 33.4

