

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
 Data File : BF125456.D
 Acq On : 13 Sep 2021 21:53
 Operator : JU/CG
 Sample : M3719-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-091021

Quant Time: Sep 14 03:31:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 13 12:03:46 2021
 Response via : Initial Calibration

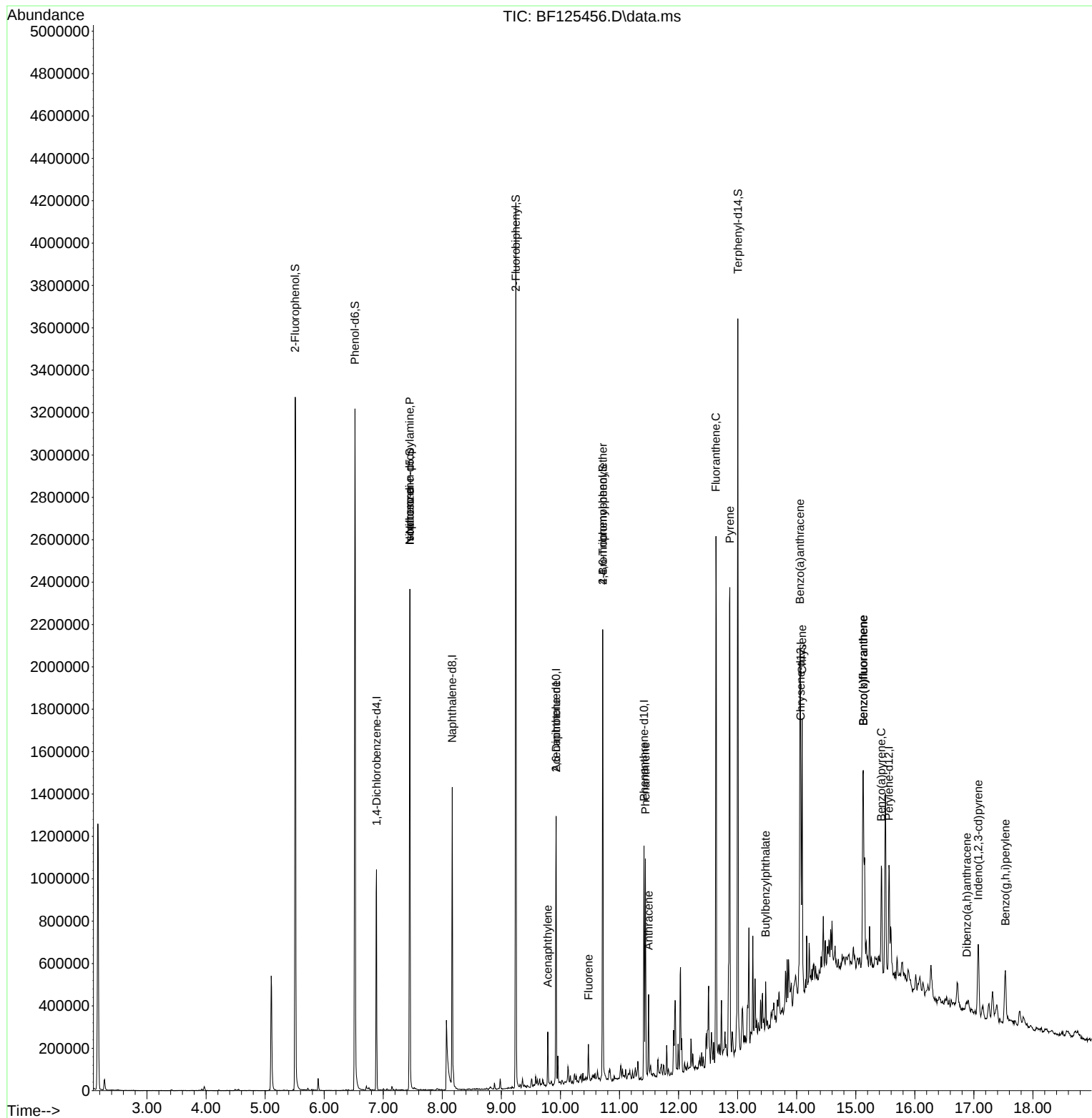
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	149023	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	551550	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	249351	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	380602	20.000	ng	0.00
76) Chrysene-d12	14.068	240	299808	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	228888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	896666	91.073	ng	0.00
7) Phenol-d6	6.522	99	1135910	89.206	ng	-0.01
23) Nitrobenzene-d5	7.451	82	742867	67.807	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	253214	101.730	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	1255224	70.160	ng	0.00
79) Terphenyl-d14	13.004	244	1148809	61.044	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	100468	13.118	ng	# 57
25) Isophorone	7.451	82	742857	35.149	ng	# 59
49) Acenaphthylene	9.786	152	93449	3.926	ng	97
51) 2,6-Dinitrotoluene	9.927	165	33584	8.963	ng	# 28
58) Fluorene	10.474	166	45639	2.907	ng	99
67) 4-Bromophenyl-phenylether	10.716	248	15338	3.356	ng	# 1
71) Phenanthrene	11.439	178	360518	17.191	ng	99
72) Anthracene	11.492	178	150853	7.298	ng	99
75) Fluoranthene	12.633	202	1022434	49.135	ng	97
78) Pyrene	12.868	202	993644	38.637	ng	97
80) Butylbenzylphthalate	13.474	149	44202	4.374	ng	88
81) Benzo(a)anthracene	14.057	228	566774	26.238	ng	92
83) Chrysene	14.092	228	525605	24.604	ng	97
87) Indeno(1,2,3-cd)pyrene	17.074	276	234917	14.246	ng	# 87
88) Benzo(b)fluoranthene	15.127	252	802799	48.008	ng	# 94
89) Benzo(k)fluoranthene	15.127	252	802799	51.448	ng	99
90) Benzo(a)pyrene	15.433	252	268197	18.157	ng	98
91) Dibenzo(a,h)anthracene	16.880	278	38490	2.700	ng	96
92) Benzo(g,h,i)perylene	17.533	276	217680	15.839	ng	# 86

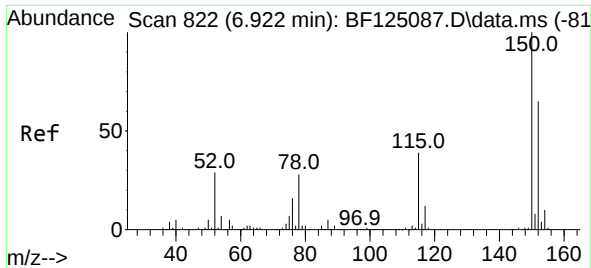
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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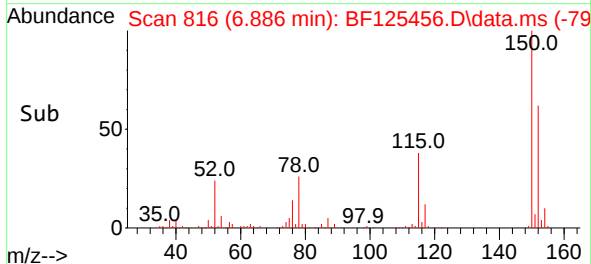
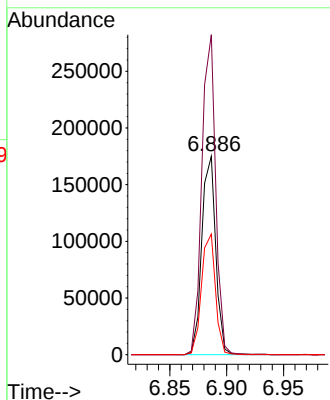
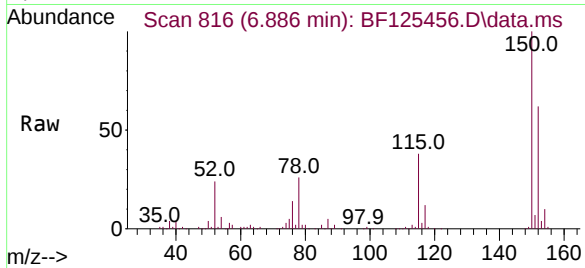




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 816
 Delta R.T. 0.000 min
 Lab File: BF125456.D
 Acq: 13 Sep 2021 21:53

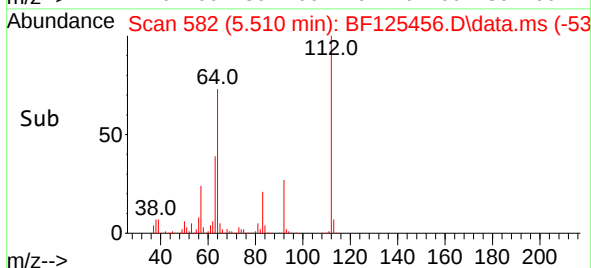
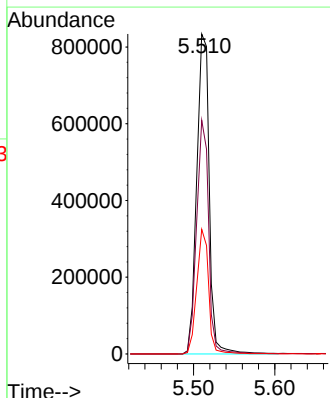
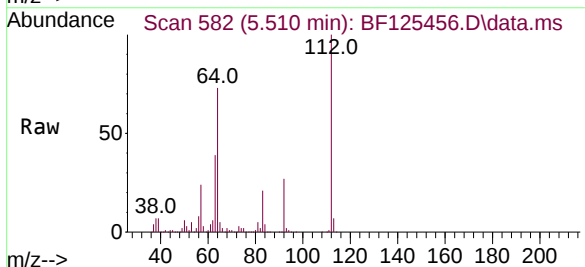
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-091021

Tgt Ion:152 Resp: 149023
 Ion Ratio Lower Upper
 152 100
 150 161.3 117.6 176.4
 115 60.8 47.1 70.7



#5
 2-Fluorophenol
 Concen: 91.073 ng
 RT: 5.510 min Scan# 582
 Delta R.T. -0.006 min
 Lab File: BF125456.D
 Acq: 13 Sep 2021 21:53

Tgt Ion:112 Resp: 896666
 Ion Ratio Lower Upper
 112 100
 64 73.1 44.2 66.2#
 63 39.0 26.2 39.2

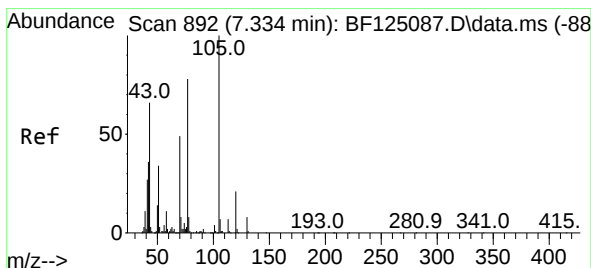
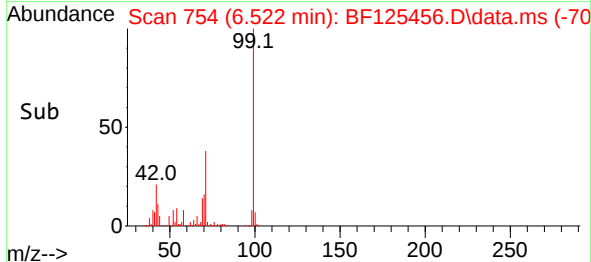
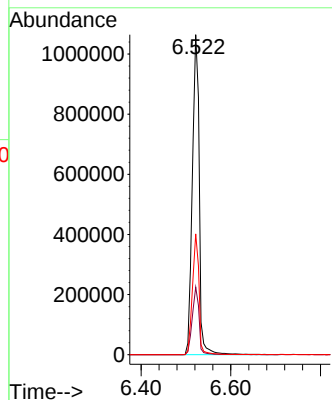
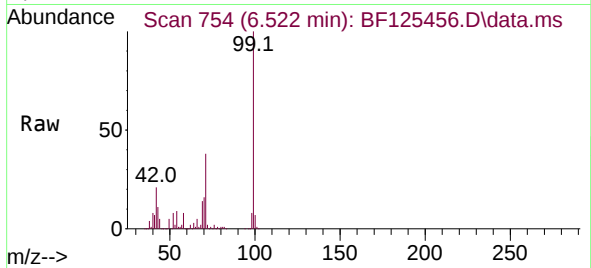




#7
Phenol-d6
Concen: 89.206 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

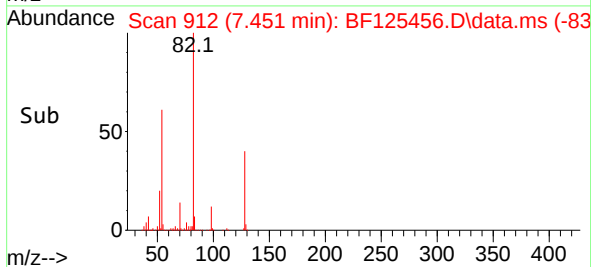
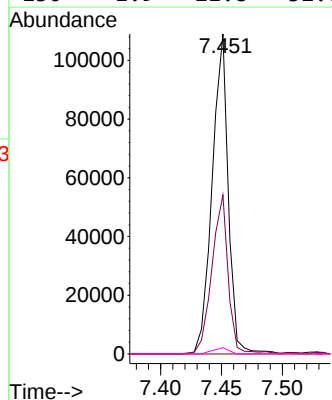
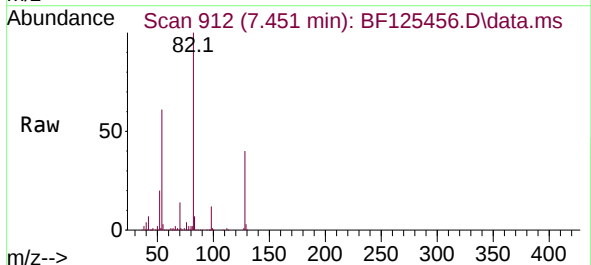
Instrument :
BNA_F
ClientSampleId :
SU-01-091021

Tgt Ion: 99 Resp: 1135910
Ion Ratio Lower Upper
99 100
42 21.1 23.5 35.3#
71 37.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.118 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

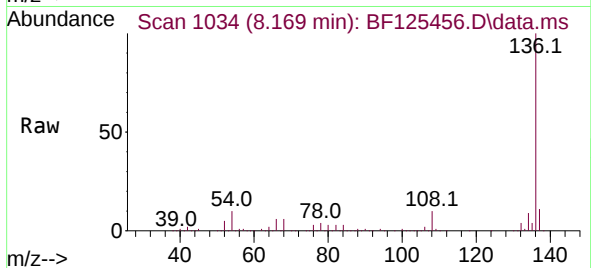
Tgt Ion: 70 Resp: 100468
Ion Ratio Lower Upper
70 100
42 49.7 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#



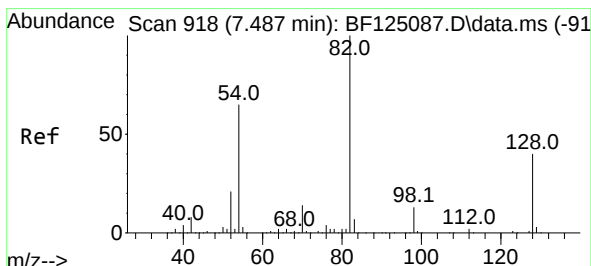
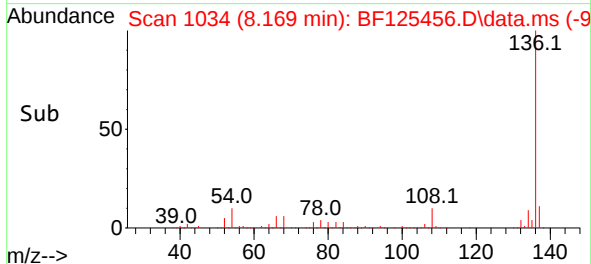
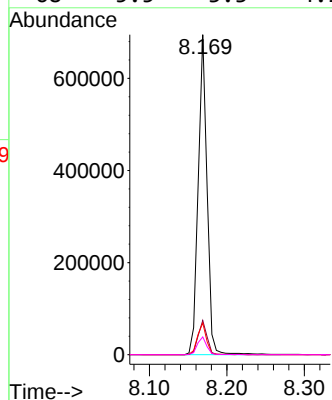


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

Instrument :
BNA_F
ClientSampleId :
SU-01-091021

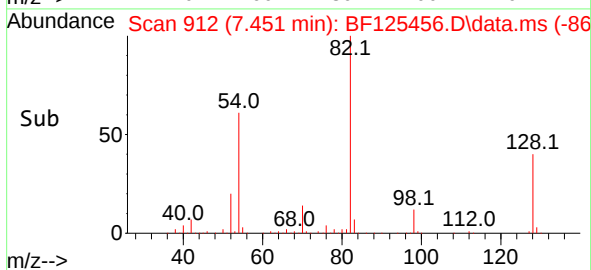
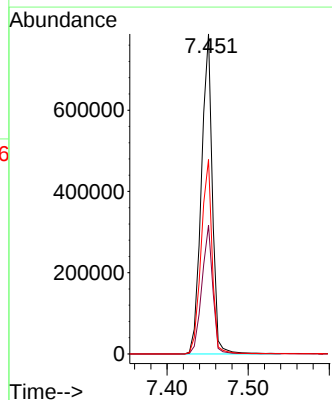
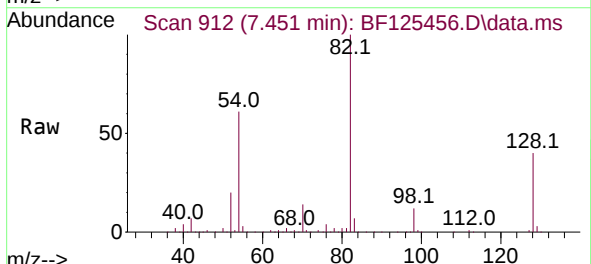


Tgt Ion:136 Resp: 551550
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 9.9 6.4 9.6#
68 5.5 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 67.807 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

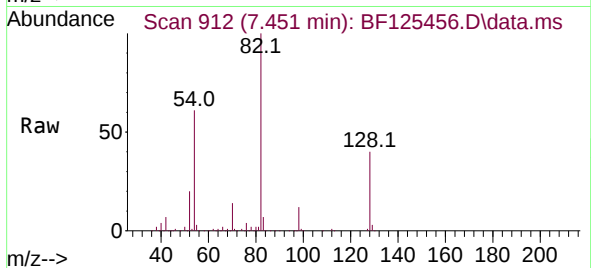
Tgt Ion: 82 Resp: 742867
Ion Ratio Lower Upper
82 100
128 40.3 40.6 60.8#
54 60.8 49.6 74.4



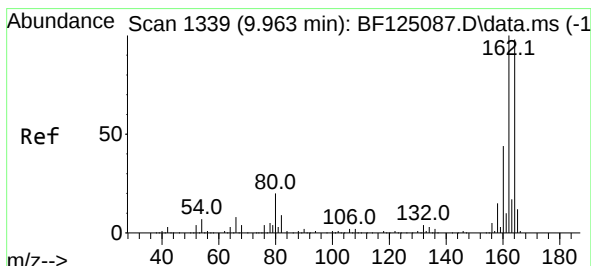
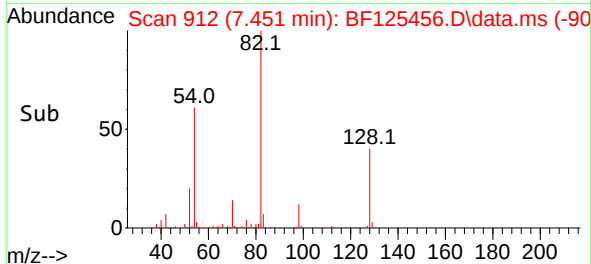
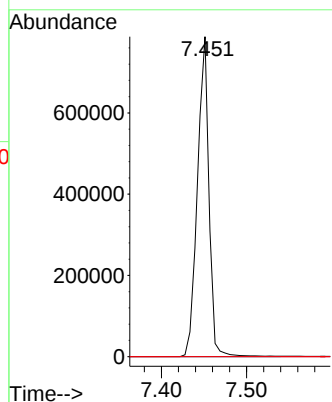


#25
Isophorone
Concen: 35.149 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

Instrument :
BNA_F
ClientSampleId :
SU-01-091021

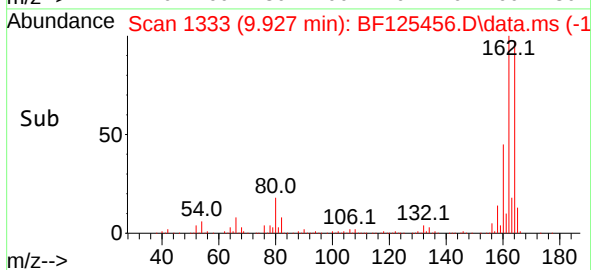
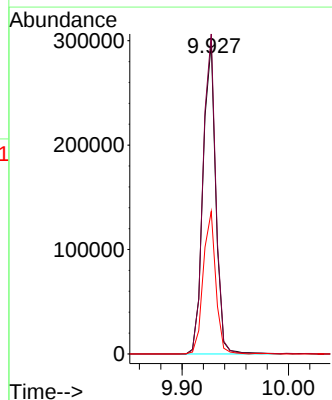
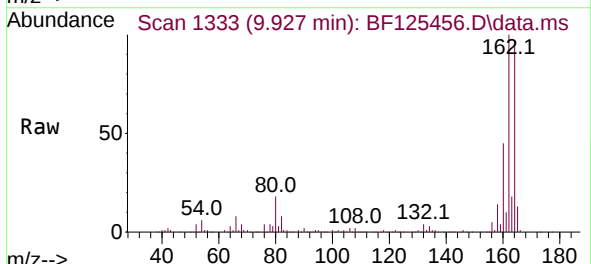


Tgt Ion: 82 Resp: 742857
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

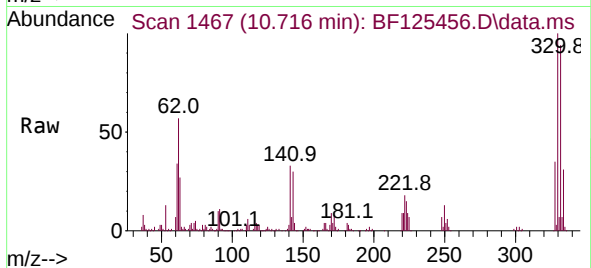
Tgt Ion: 164 Resp: 249351
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 45.8 38.0 57.0



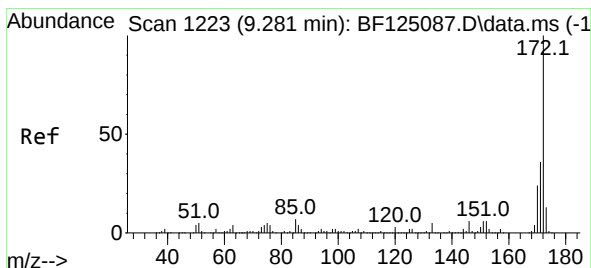
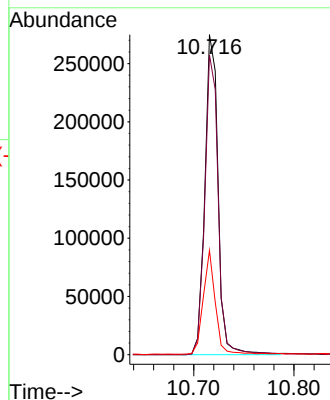
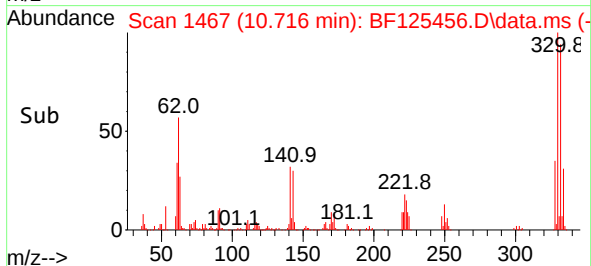


#42
2,4,6-Tribromophenol
Concen: 101.730 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.012 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

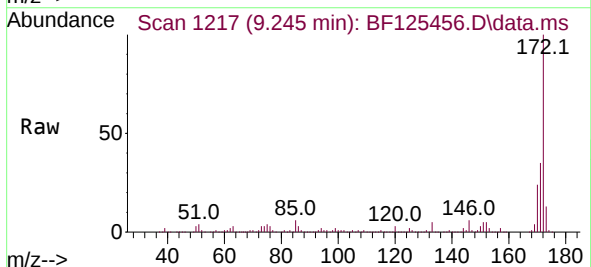
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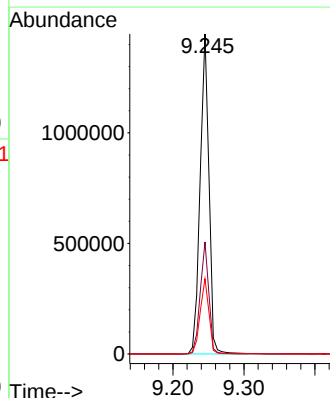
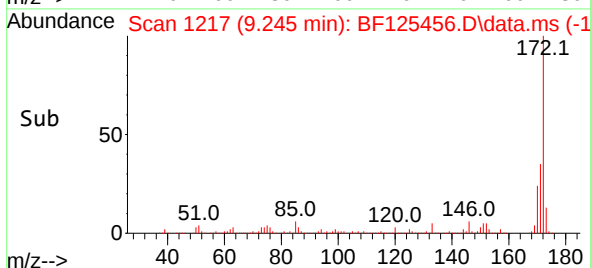
Tgt Ion: 330 Resp: 253214
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 29.9 44.6 66.8#

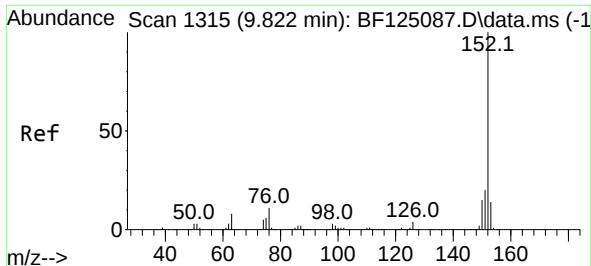


#45
2-Fluorobiphenyl
Concen: 70.160 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53



Tgt Ion: 172 Resp: 1255224
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.5 18.8 28.2





#49

Acenaphthylene

Concen: 3.926 ng

RT: 9.786 min Scan# 1309

Delta R.T. -0.012 min

Lab File: BF125456.D

Acq: 13 Sep 2021 21:53

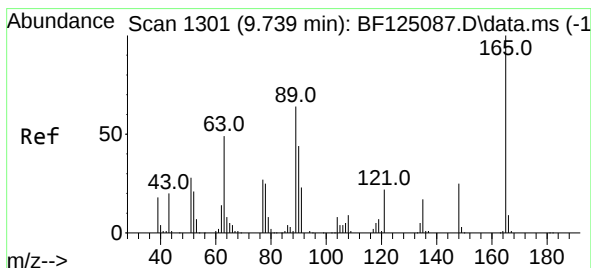
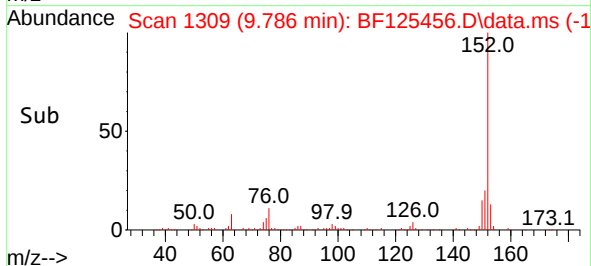
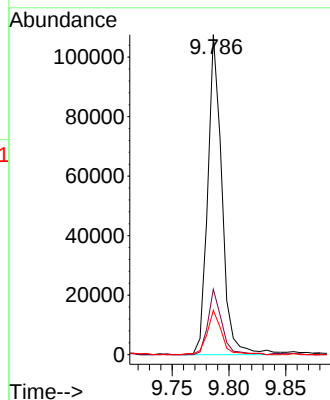
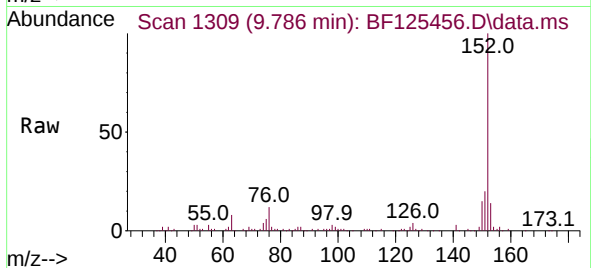
Tgt Ion:152 Resp: 93449

Ion Ratio Lower Upper

152 100

151 20.5 15.7 23.5

153 13.9 9.8 14.8



#51

2,6-Dinitrotoluene

Concen: 8.963 ng

RT: 9.927 min Scan# 1333

Delta R.T. 0.206 min

Lab File: BF125456.D

Acq: 13 Sep 2021 21:53

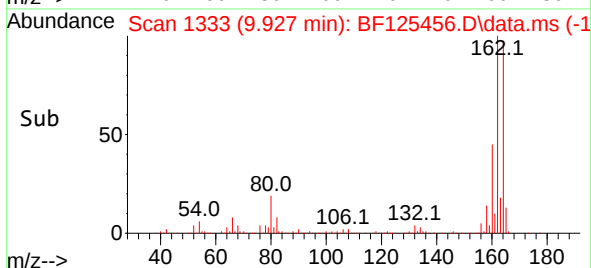
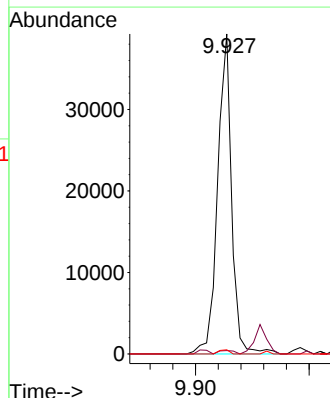
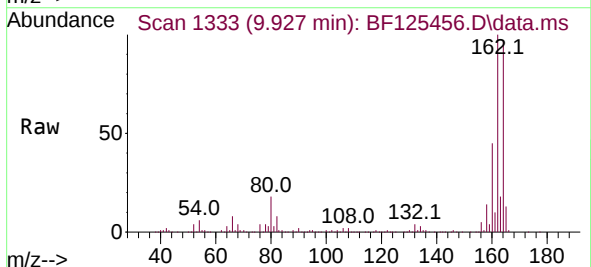
Tgt Ion:165 Resp: 33584

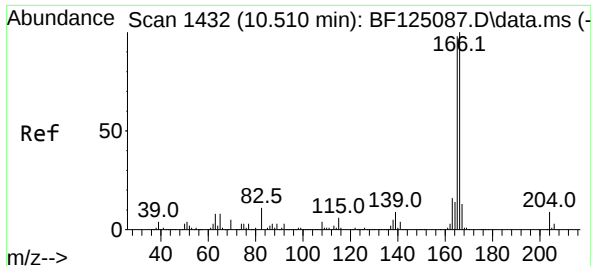
Ion Ratio Lower Upper

165 100

63 1.0 42.6 63.8#

89 1.3 40.6 60.8#

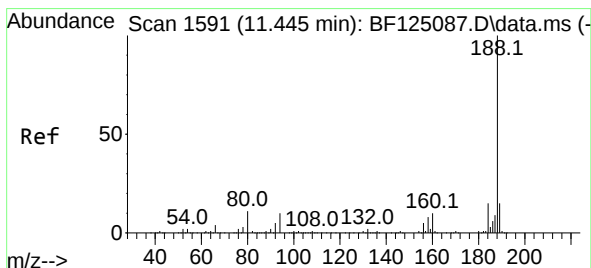
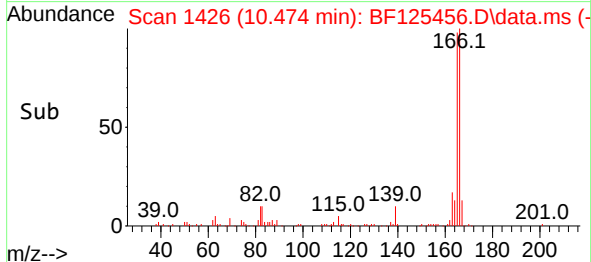
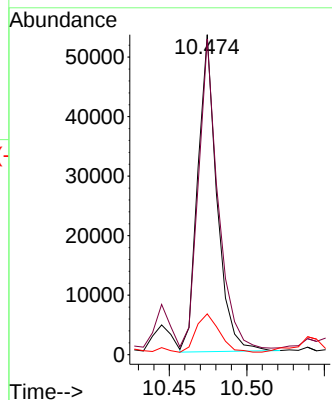
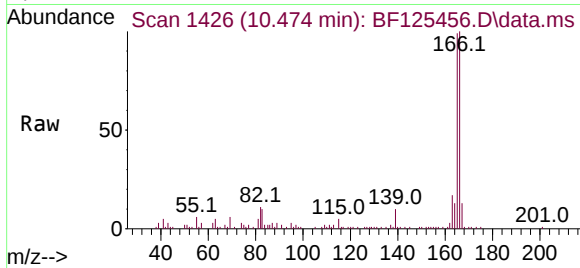




#58
Fluorene
Concen: 2.907 ng
RT: 10.474 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

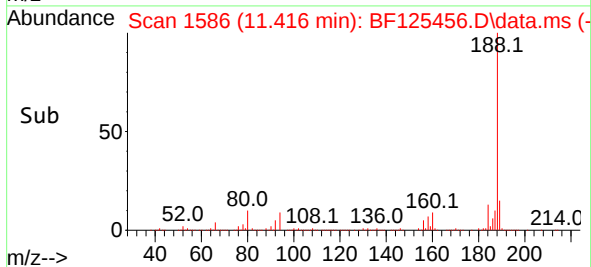
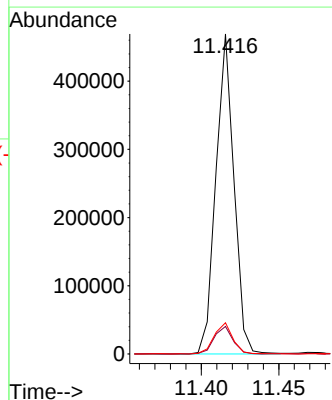
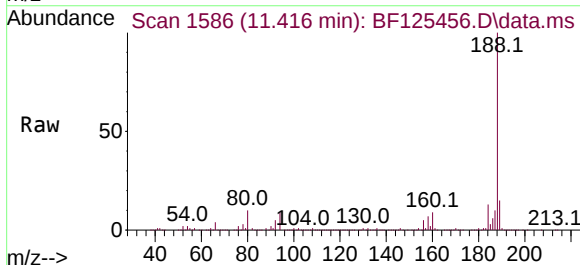
Instrument :
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SU-01-091021

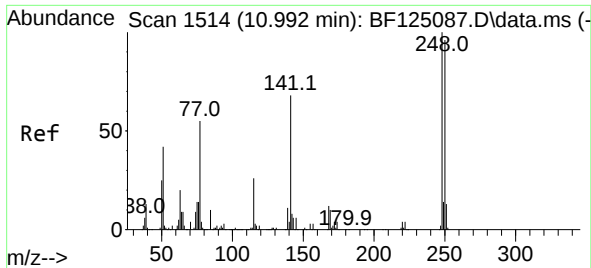
Tgt Ion:166 Resp: 45639
Ion Ratio Lower Upper
166 100
165 98.6 78.1 117.1
167 12.7 11.1 16.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

Tgt Ion:188 Resp: 380602
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.7 7.5 11.3

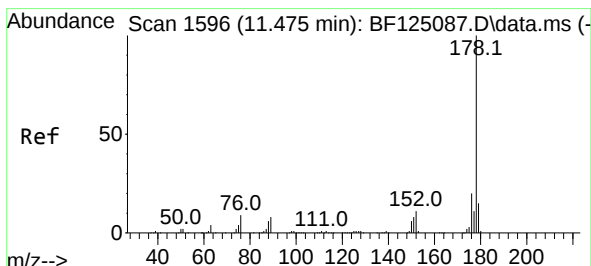
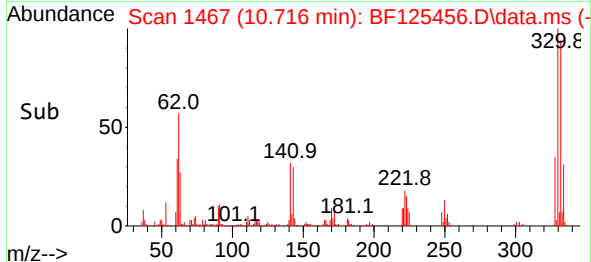
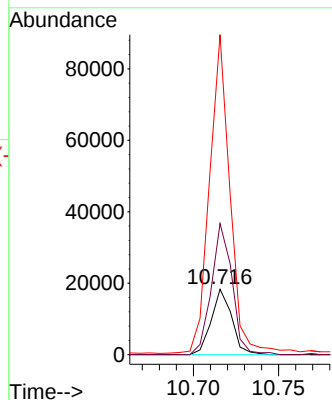
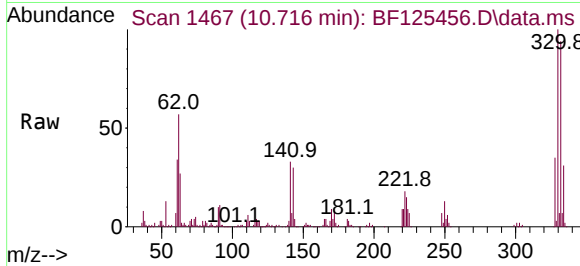




#67
4-Bromophenyl-phenylether
Concen: 3.356 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

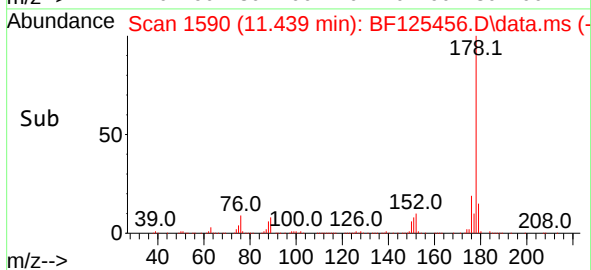
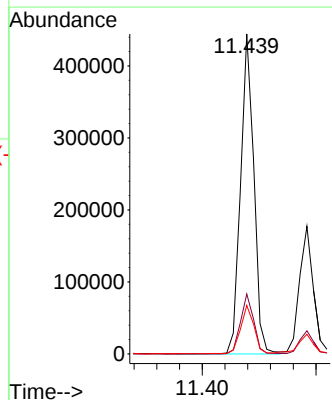
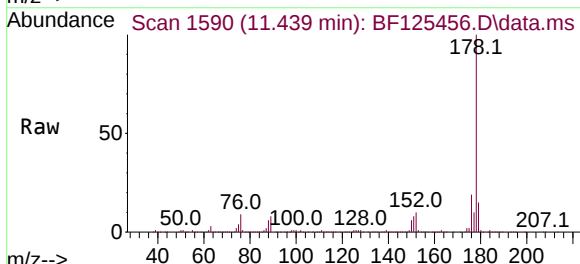
Instrument :
BNA_F
ClientSampleId :
SU-01-091021

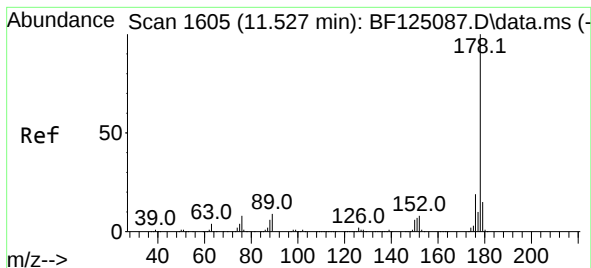
Tgt Ion:248 Resp: 15338
Ion Ratio Lower Upper
248 100
250 200.7 74.2 111.4#
141 489.3 60.4 90.6#



#71
Phenanthrene
Concen: 17.191 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.012 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

Tgt Ion:178 Resp: 360518
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.2 11.5 17.3





#72

Anthracene

Concen: 7.298 ng

RT: 11.492 min Scan# 1599

Delta R.T. -0.012 min

Lab File: BF125456.D

Acq: 13 Sep 2021 21:53

Tgt Ion:178 Resp: 150853

Ion Ratio Lower Upper

178 100

176 18.2 14.3 21.5

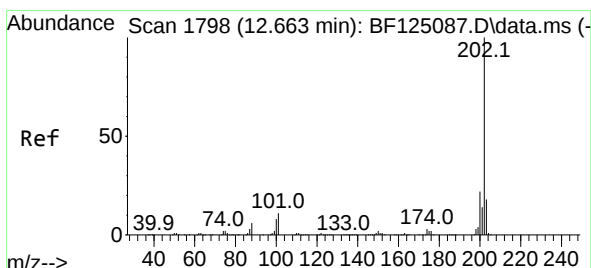
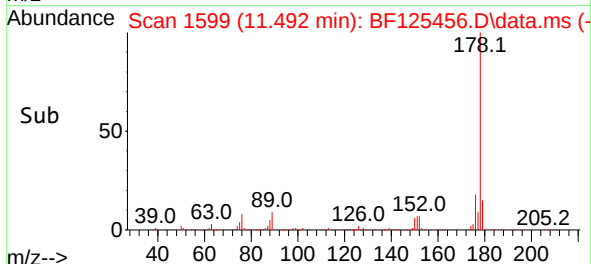
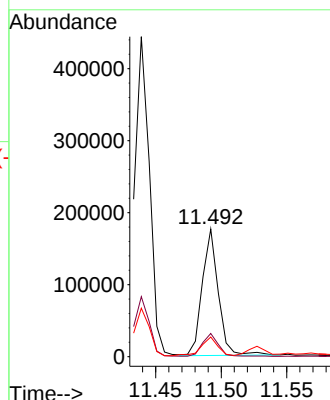
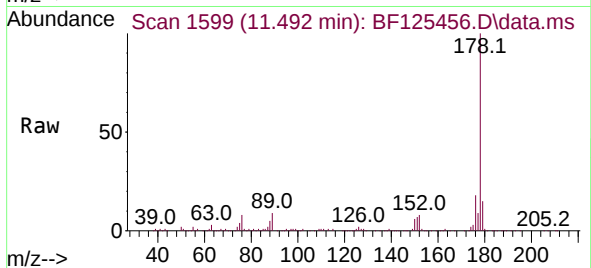
179 15.4 12.2 18.4

Instrument :

BNA_F

ClientSampleId :

SU-01-091021



#75

Fluoranthene

Concen: 49.135 ng

RT: 12.633 min Scan# 1793

Delta R.T. -0.006 min

Lab File: BF125456.D

Acq: 13 Sep 2021 21:53

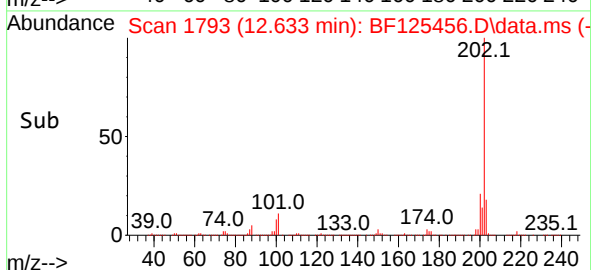
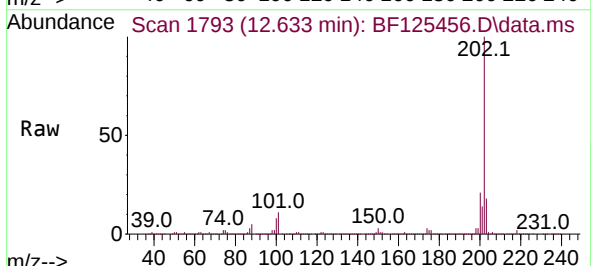
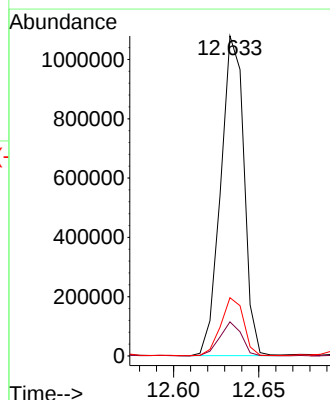
Tgt Ion:202 Resp: 1022434

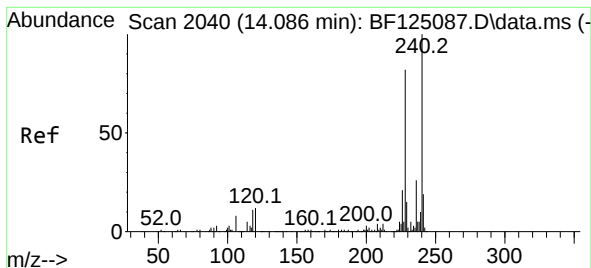
Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.7

203 18.2 0.0 36.3

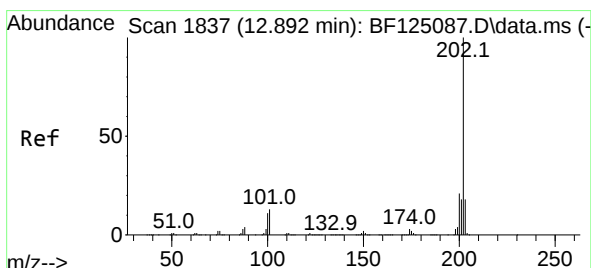
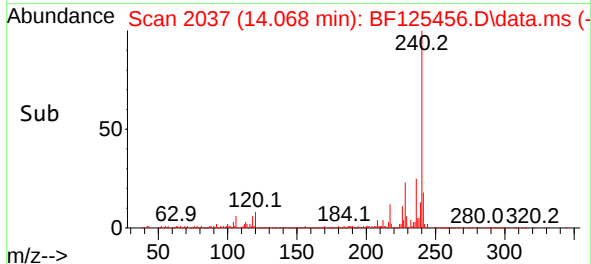
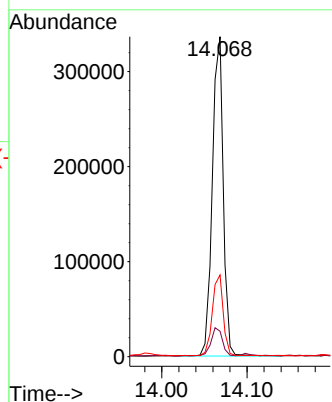
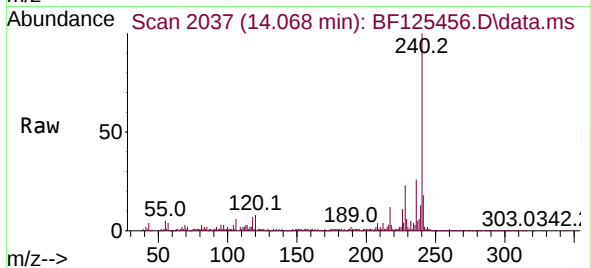




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

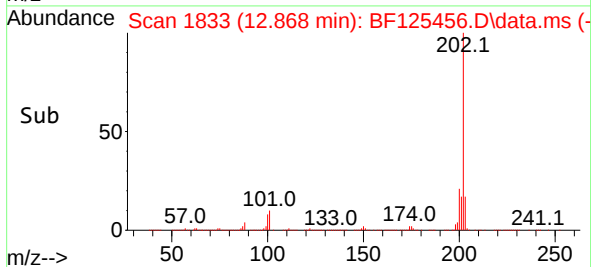
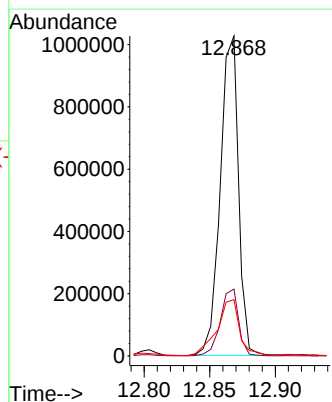
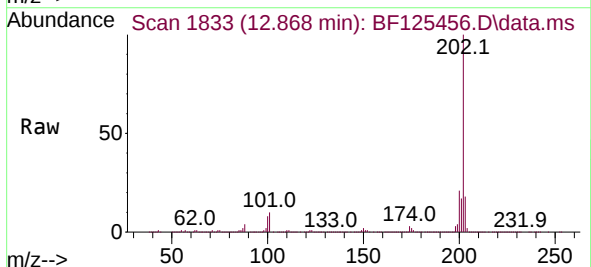
Instrument :
BNA_F
ClientSampleId :
SU-01-091021

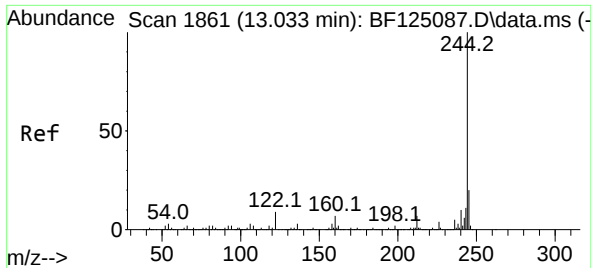
Tgt Ion:240 Resp: 299808
Ion Ratio Lower Upper
240 100
120 8.0 10.8 16.2#
236 25.6 21.6 32.4



#78
Pyrene
Concen: 38.637 ng
RT: 12.868 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

Tgt Ion:202 Resp: 993644
Ion Ratio Lower Upper
202 100
200 20.9 15.3 22.9
203 17.6 13.4 20.0

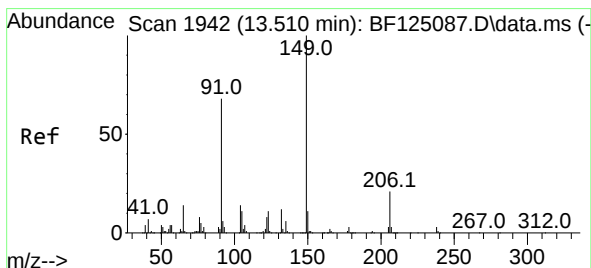
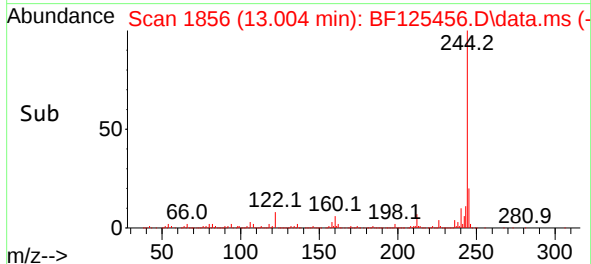
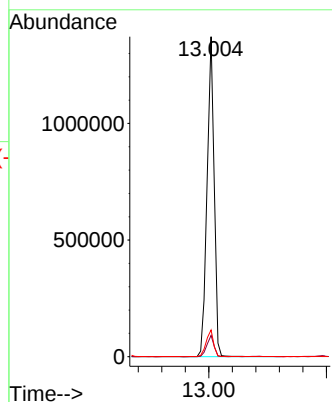
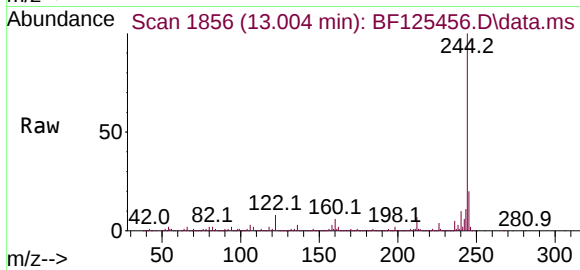




#79
Terphenyl-d14
Concen: 61.044 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

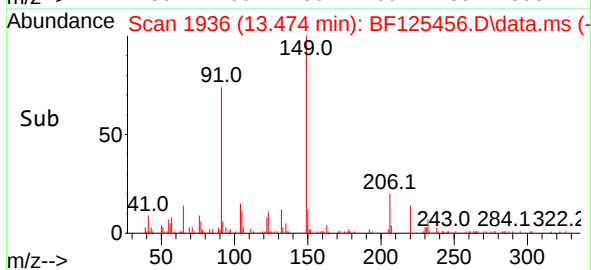
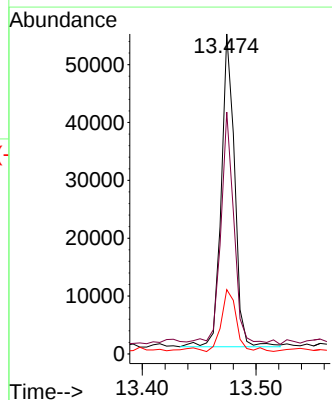
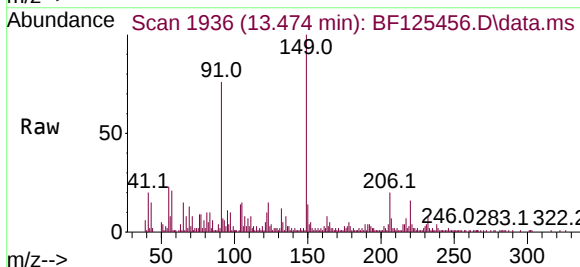
Instrument :
BNA_F
ClientSampleId :
SU-01-091021

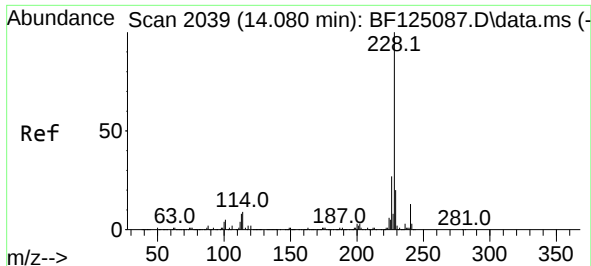
Tgt Ion:244 Resp: 1148809
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 8.3 9.0 13.4#



#80
Butylbenzylphthalate
Concen: 4.374 ng
RT: 13.474 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

Tgt Ion:149 Resp: 44202
Ion Ratio Lower Upper
149 100
91 75.6 51.8 77.8
206 20.1 14.5 21.7

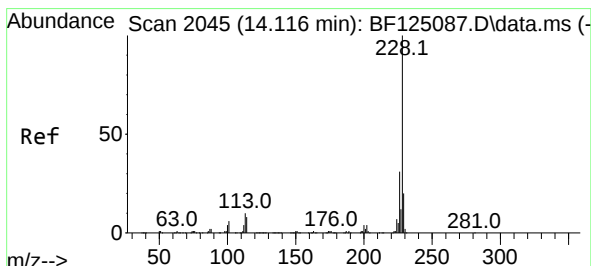
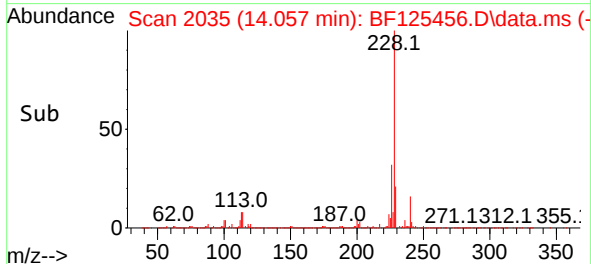
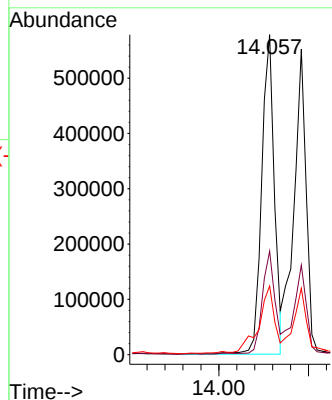
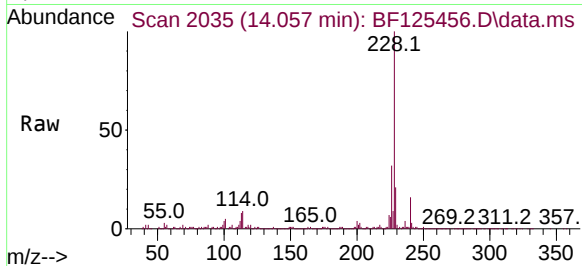




#81
Benzo(a)anthracene
Concen: 26.238 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

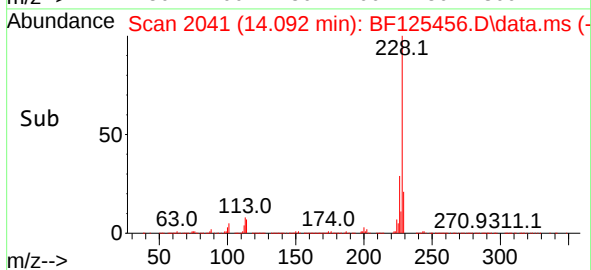
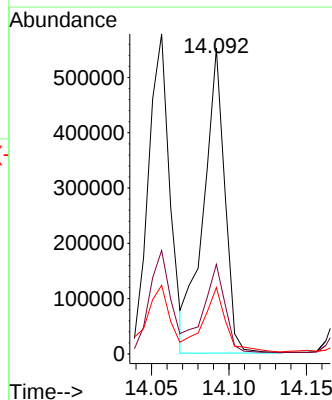
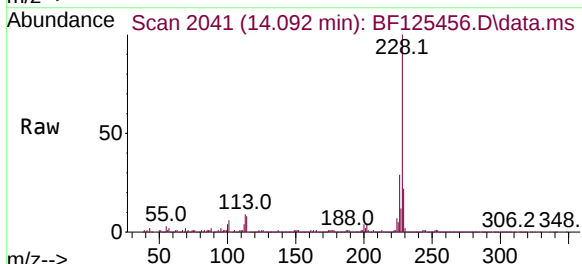
Instrument :
BNA_F
ClientSampleId :
SU-01-091021

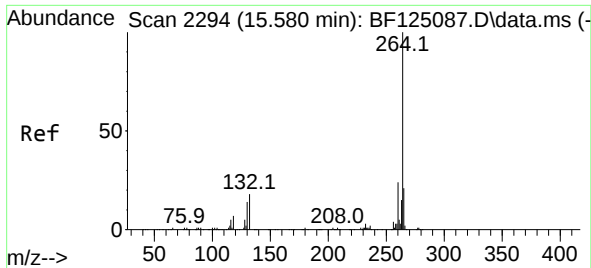
Tgt Ion:228 Resp: 566774
Ion Ratio Lower Upper
228 100
226 32.4 21.6 32.4
229 21.5 15.6 23.4



#83
Chrysene
Concen: 24.604 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.012 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

Tgt Ion:228 Resp: 525605
Ion Ratio Lower Upper
228 100
226 29.3 22.6 34.0
229 21.7 15.9 23.9

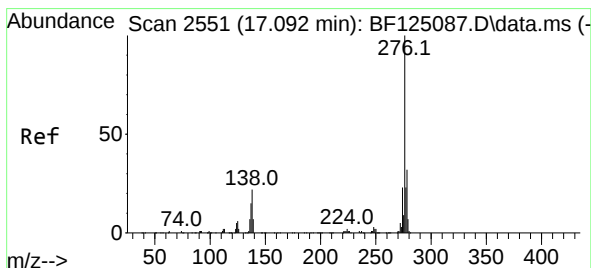
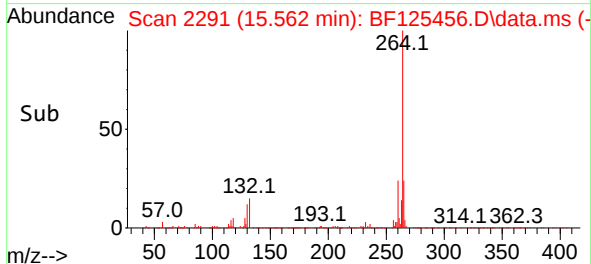
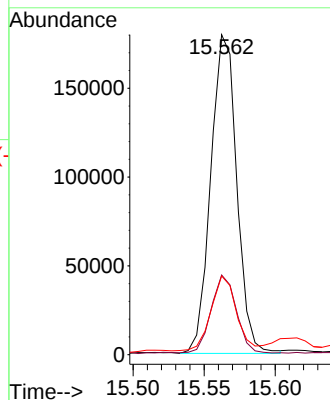
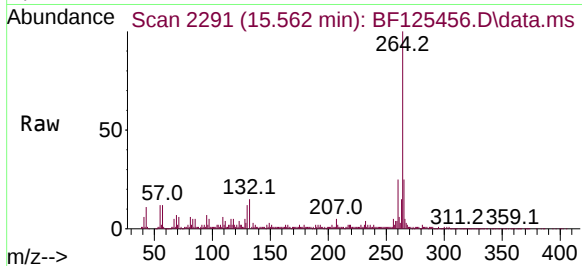




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

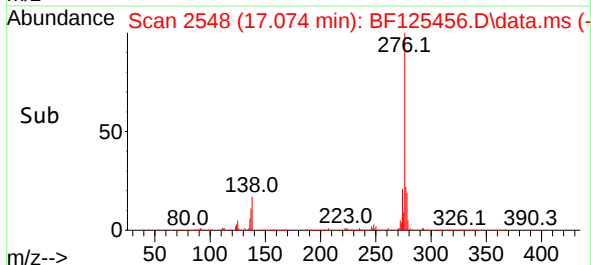
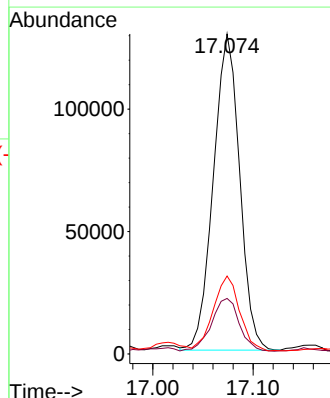
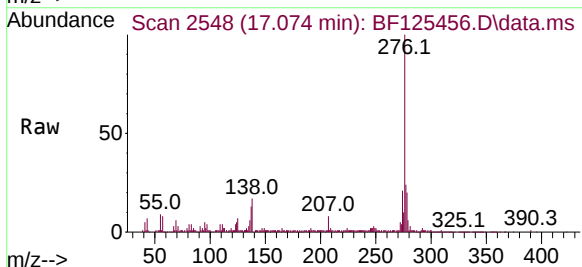
Instrument :
BNA_F
ClientSampleId :
SU-01-091021

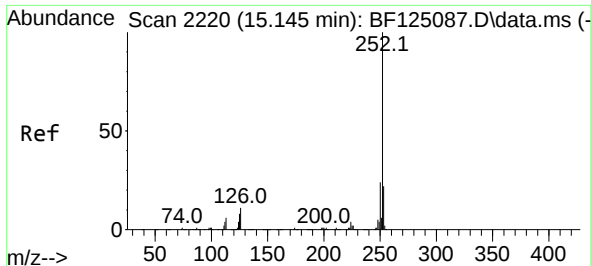
Tgt Ion:264 Resp: 228888
Ion Ratio Lower Upper
264 100
260 24.9 19.6 29.4
265 24.6 17.2 25.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 14.246 ng
RT: 17.074 min Scan# 2548
Delta R.T. -0.012 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

Tgt Ion:276 Resp: 234917
Ion Ratio Lower Upper
276 100
138 17.9 24.1 36.1#
277 23.7 18.8 28.2

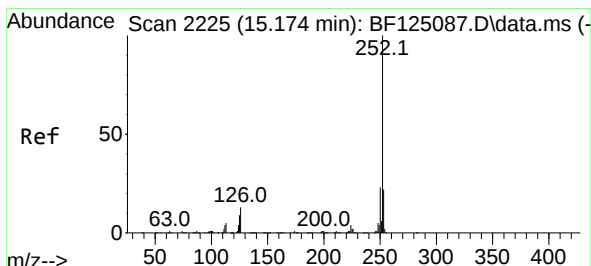
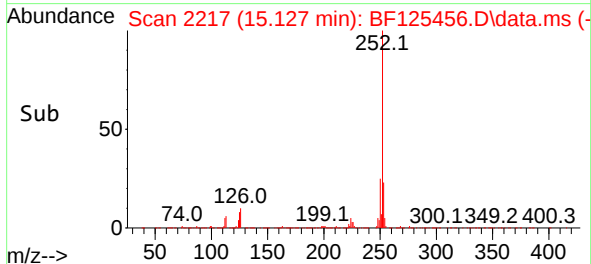
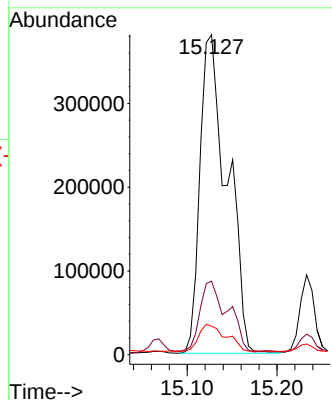
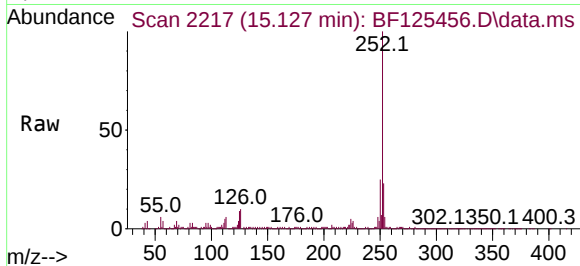




#88
Benzo(b)fluoranthene
Concen: 48.008 ng
RT: 15.127 min Scan# 2217
Delta R.T. 0.000 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

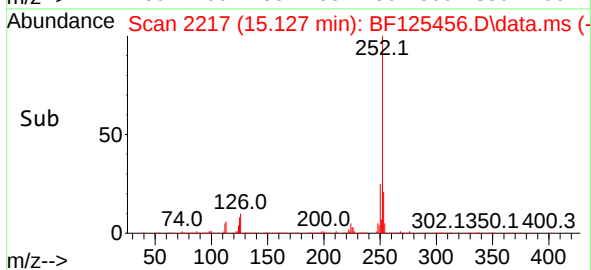
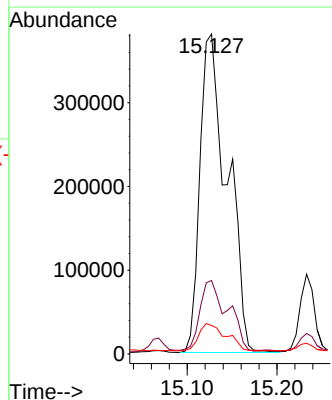
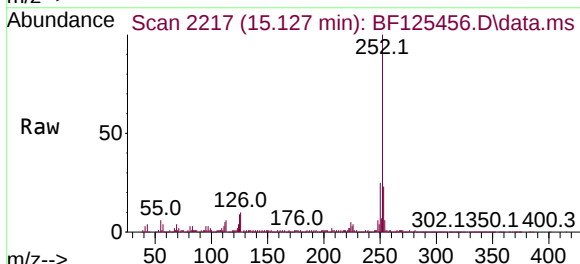
Instrument :
BNA_F
ClientSampleId :
SU-01-091021

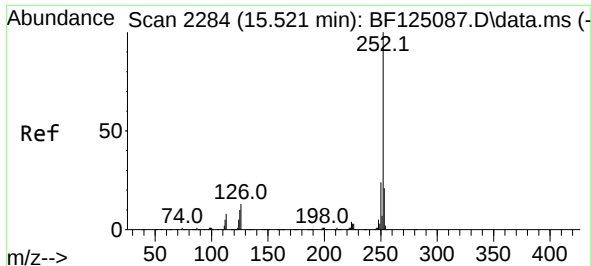
Tgt Ion:252 Resp: 802799
Ion Ratio Lower Upper
252 100
253 23.0 16.8 25.2
125 8.9 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 51.448 ng
RT: 15.127 min Scan# 2217
Delta R.T. -0.035 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

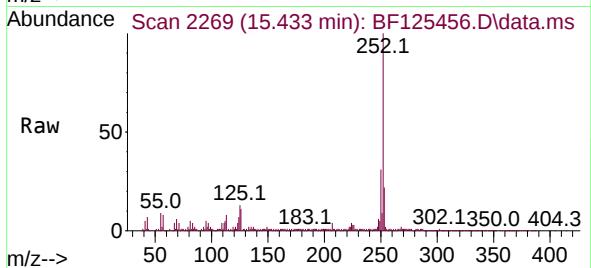
Tgt Ion:252 Resp: 802799
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 8.9 7.2 10.8



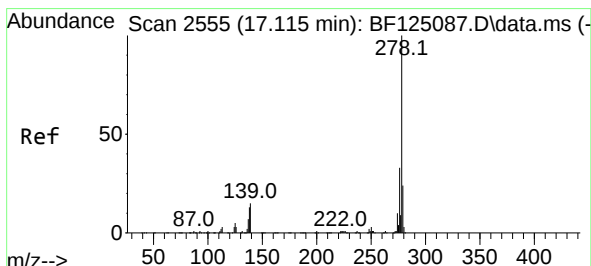
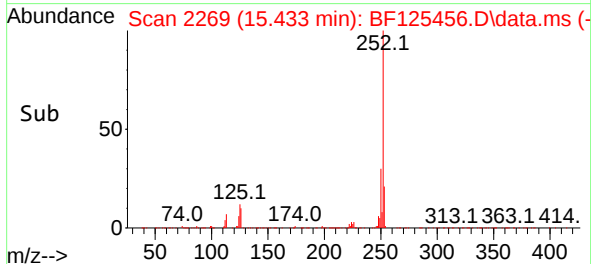
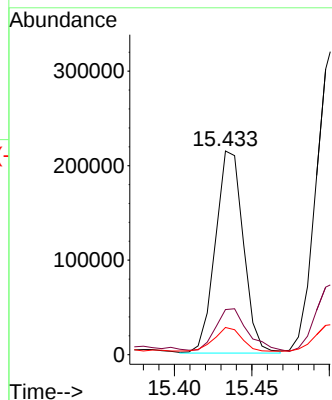


#90
Benzo(a)pyrene
Concen: 18.157 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.076 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

Instrument :
BNA_F
ClientSampleId :
SU-01-091021

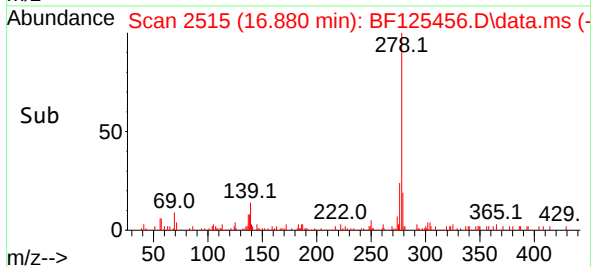
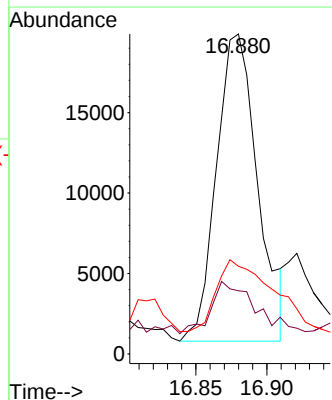
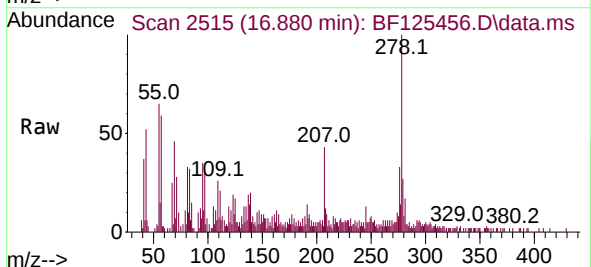


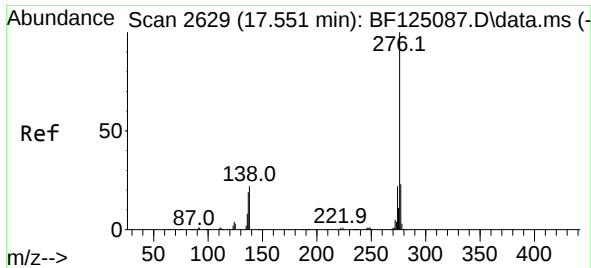
Tgt Ion:252 Resp: 268197
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 13.4 9.9 14.9



#91
Dibenzo(a,h)anthracene
Concen: 2.700 ng
RT: 16.880 min Scan# 2515
Delta R.T. -0.223 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

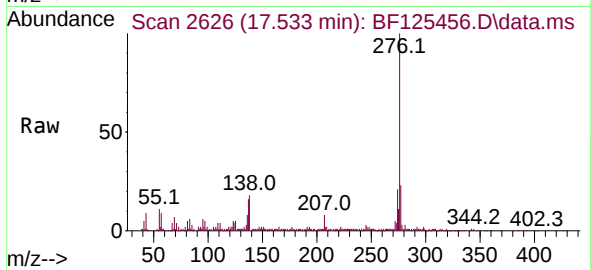
Tgt Ion:278 Resp: 38490
Ion Ratio Lower Upper
278 100
139 19.8 14.9 22.3
279 27.4 19.7 29.5





#92
Benzo(g,h,i)perylene
Concen: 15.839 ng
RT: 17.533 min Scan# 2626
Delta R.T. -0.012 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

Instrument :
BNA_F
ClientSampleId :
SU-01-091021



Tgt Ion: 276 Resp: 217680
Ion Ratio Lower Upper
276 100
277 23.1 22.0 33.0
138 17.5 22.2 33.4#

