

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
 Data File : BF125856.D
 Acq On : 14 Oct 2021 21:23
 Operator : JU/CG
 Sample : M4195-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HAR-SOILPILE

Quant Time: Oct 15 10:43:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 12:29:41 2021
 Response via : Initial Calibration

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

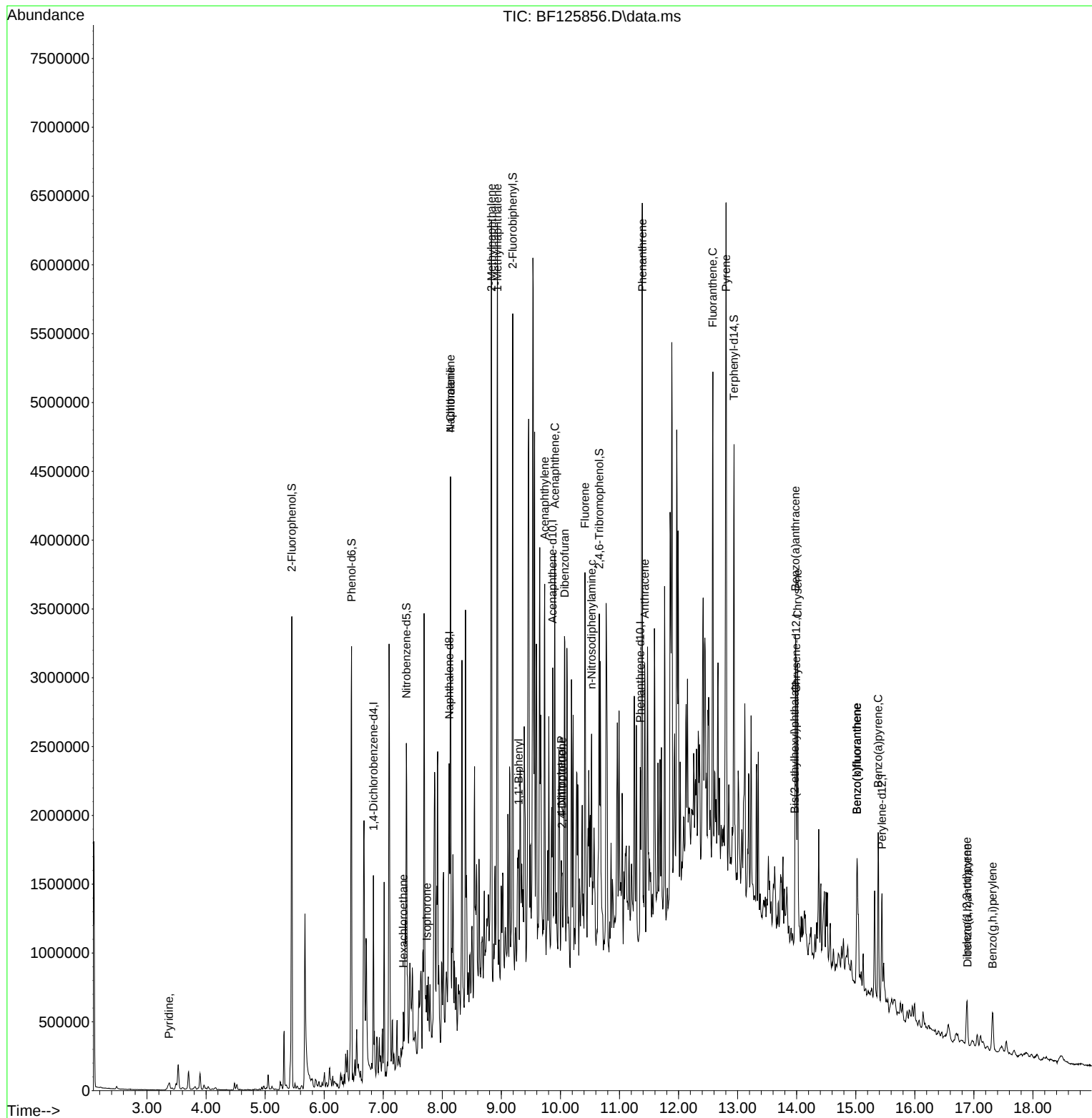
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	196248	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	774760	20.000	ng	#-0.01
39) Acenaphthene-d10	9.868	164	408496	20.000	ng	-0.01
64) Phenanthrene-d10	11.351	188	546117	20.000	ng	#-0.01
76) Chrysene-d12	13.992	240	389988	20.000	ng	0.00
86) Perylene-d12	15.445	264	353134	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1079071	89.825	ng	-0.01
7) Phenol-d6	6.463	99	1333964	86.258	ng	-0.01
23) Nitrobenzene-d5	7.392	82	798363	64.054	ng	-0.02
42) 2,4,6-Tribromophenol	10.657	330	261045	64.725	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1460837	61.682	ng	-0.01
79) Terphenyl-d14	12.939	244	1113383	43.488	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.375	79	40571	3.066	ng	# 21
18) Hexachloroethane	7.339	117	60508	12.004	ng	# 12
25) Isophorone	7.739	82	56786	2.572	ng	# 67
31) Naphthalene	8.139	128	1600213	42.718	ng	99
33) 4-Chloroaniline	8.139	127	211938	13.519	ng	# 30
37) 2-Methylnaphthalene	8.833	142	1285218	52.976	ng	100
38) 1-Methylnaphthalene	8.933	142	1517177	64.447	ng	98
46) 1,1'-Biphenyl	9.292	154	181690	6.050	ng	99
49) Acenaphthylene	9.733	152	552037	15.458	ng	# 91
52) Acenaphthene	9.904	154	511563	22.928	ng	94
55) Dibenzofuran	10.074	168	158669	4.747	ng	# 59
56) 4-Nitrophenol	10.016	139	12818	2.675	ng	84
57) 2,4-Dinitrotoluene	10.027	165	23139	3.367	ng	# 53
58) Fluorene	10.416	166	744298	30.405	ng	97
66) n-Nitrosodiphenylamine	10.527	169	159579	8.566	ng	# 81
71) Phenanthrene	11.386	178	2449473	83.830	ng	95
72) Anthracene	11.427	178	784996	26.898	ng	98
75) Fluoranthene	12.580	202	1413679	53.619	ng	96
78) Pyrene	12.804	202	2363508	59.654	ng	93
81) Benzo(a)anthracene	13.980	228	863808	34.140	ng	97
83) Chrysene	14.015	228	766200	30.637	ng	95
84) Bis(2-ethylhexyl)phtha...	13.968	149	34218	2.476	ng	# 90
87) Indeno(1,2,3-cd)pyrene	16.880	276	204169	7.575	ng	95
88) Benzo(b)fluoranthene	15.021	252	753166	37.778	ng	96
89) Benzo(k)fluoranthene	15.021	252	753166	36.795	ng	# 95
90) Benzo(a)pyrene	15.380	252	589319	33.379	ng	98
91) Dibenzo(a,h)anthracene	16.892	278	61248	2.755	ng	# 91
92) Benzo(g,h,i)perylene	17.315	276	224759	9.899	ng	93

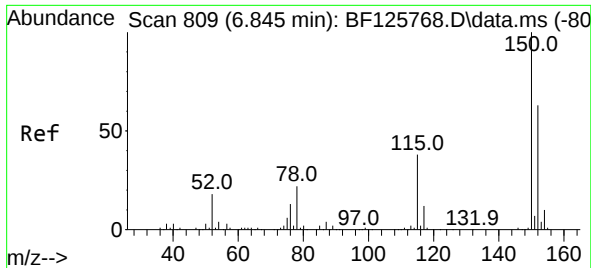
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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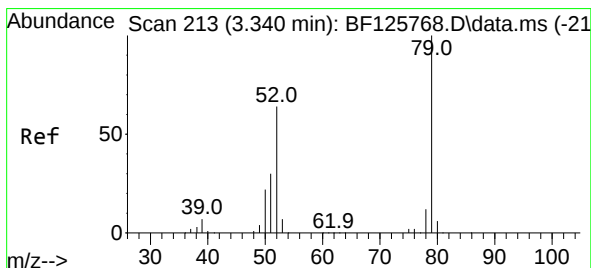
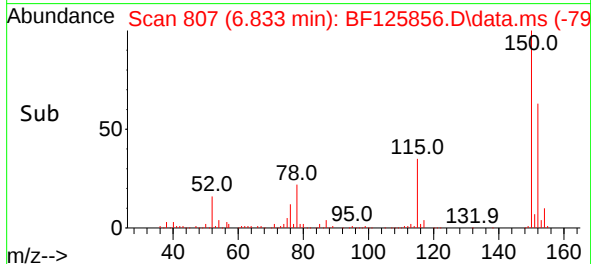
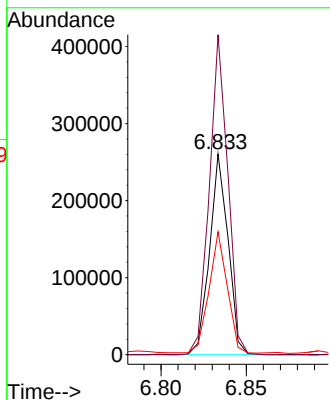
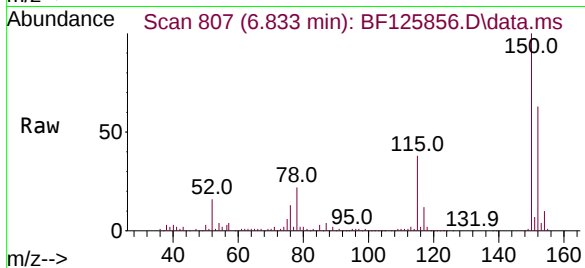




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

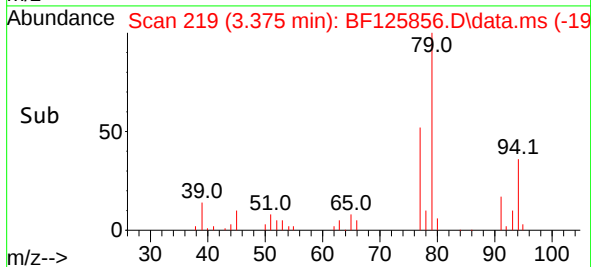
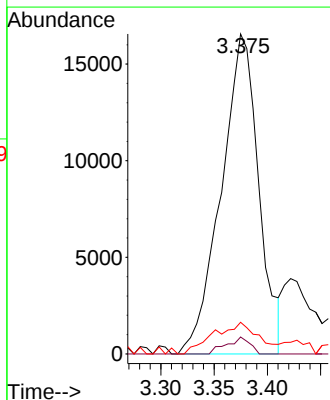
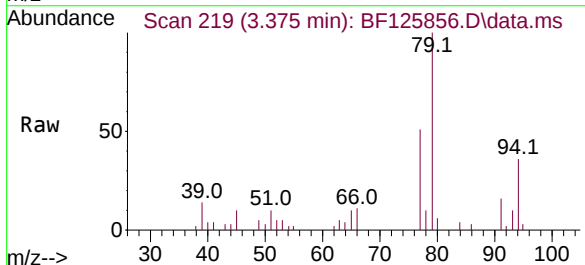
Instrument :
BNA_F
ClientSampleId :
HAR-SOILPILE

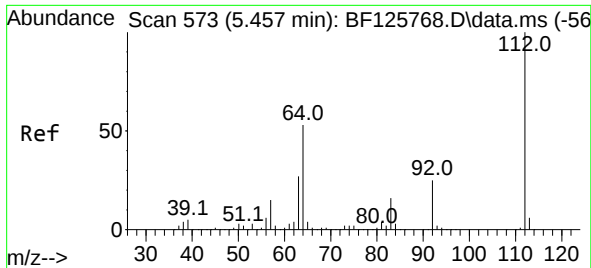
Tgt Ion:152 Resp: 196248
Ion Ratio Lower Upper
152 100
150 159.5 117.6 176.4
115 61.3 47.1 70.7



#3
Pyridine
Concen: 3.066 ng
RT: 3.375 min Scan# 219
Delta R.T. 0.017 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

Tgt Ion: 79 Resp: 40571
Ion Ratio Lower Upper
79 100
52 5.3 70.3 105.5#
51 9.9 44.1 66.1#

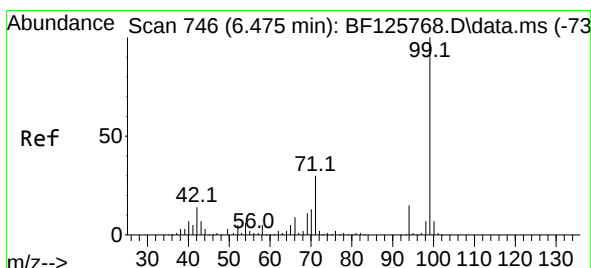
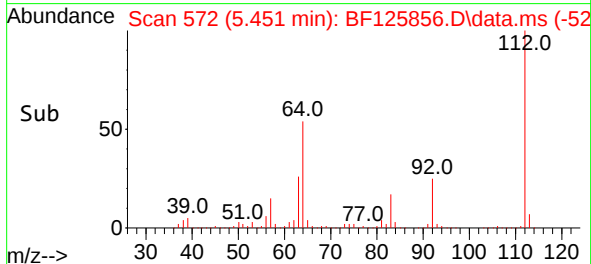
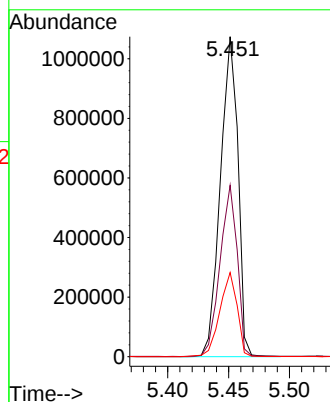
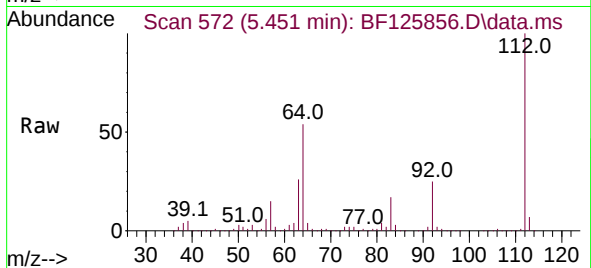




#5
2-Fluorophenol
Concen: 89.825 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.012 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

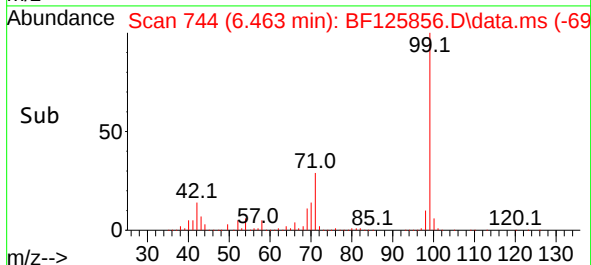
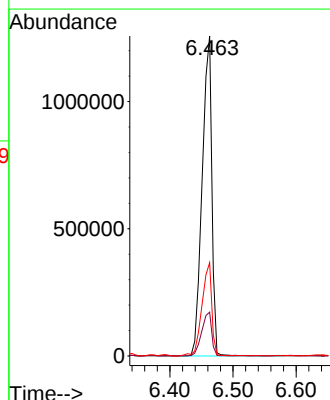
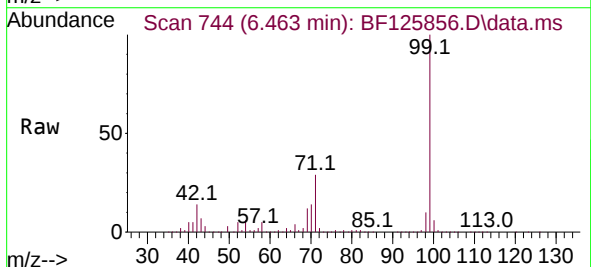
Instrument :
BNA_F
ClientSampleId :
HAR-SOILPILE

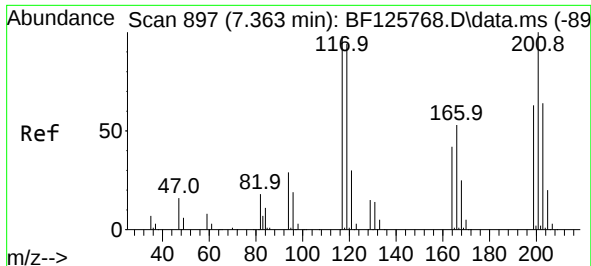
Tgt Ion:112 Resp: 1079071
Ion Ratio Lower Upper
112 100
64 53.5 44.2 66.2
63 26.3 26.2 39.2



#7
Phenol-d6
Concen: 86.258 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

Tgt Ion: 99 Resp: 1333964
Ion Ratio Lower Upper
99 100
42 13.7 23.5 35.3#
71 29.1 25.6 38.4

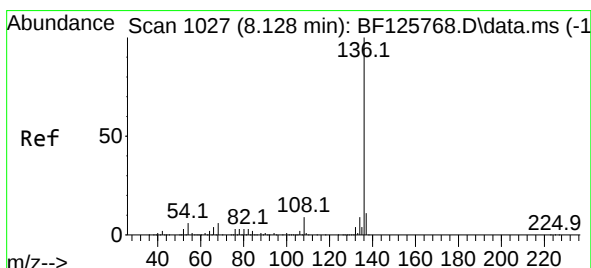
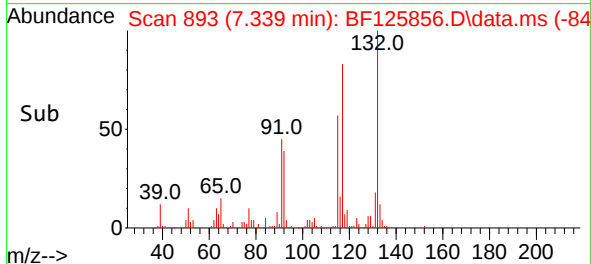
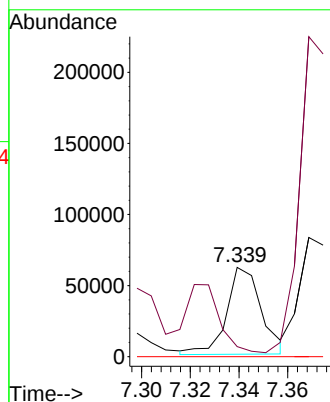
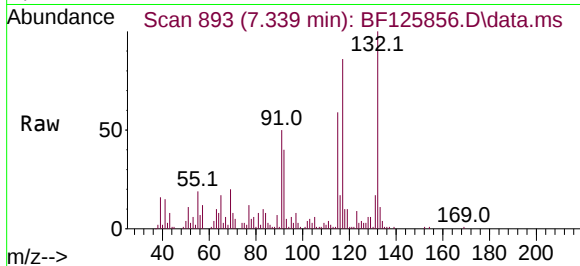




#18
Hexachloroethane
Concen: 12.004 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.024 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

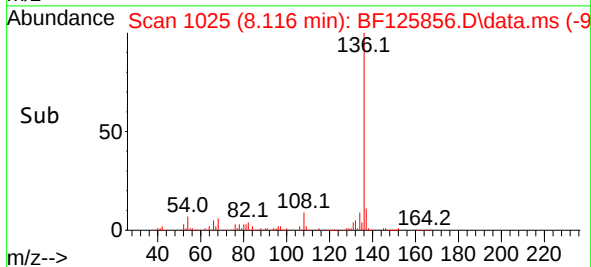
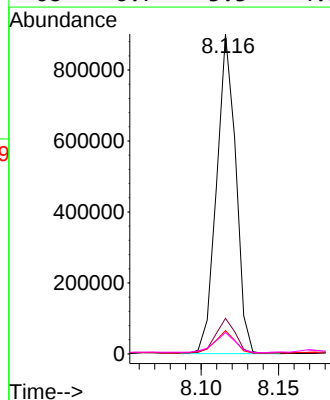
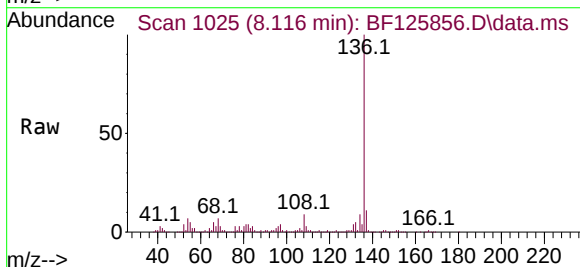
Instrument :
BNA_F
ClientSampleId :
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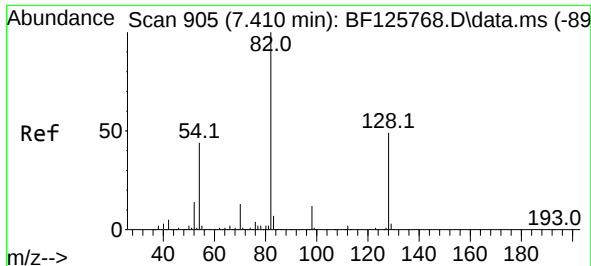
Tgt Ion:117 Resp: 60508
Ion Ratio Lower Upper
117 100
119 11.2 73.4 110.2#
201 0.0 64.9 97.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

Tgt Ion:136 Resp: 774760
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 7.3 6.4 9.6
68 6.7 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 64.054 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.018 min

Lab File: BF125856.D

Acq: 14 Oct 2021 21:23

Instrument :

BNA_F

ClientSampleId :

HAR-SOILPILE

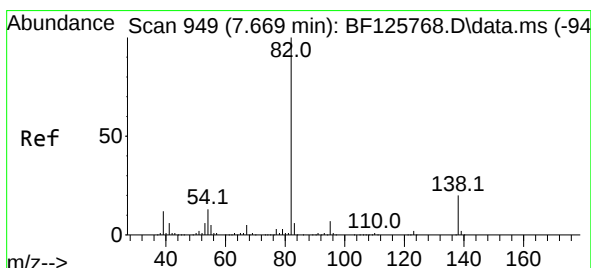
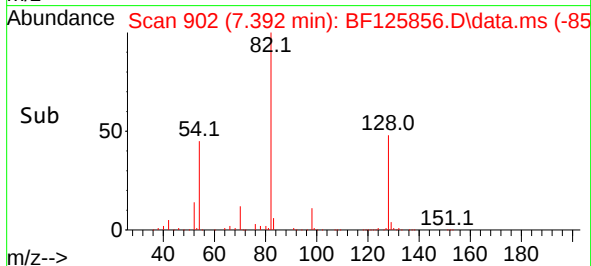
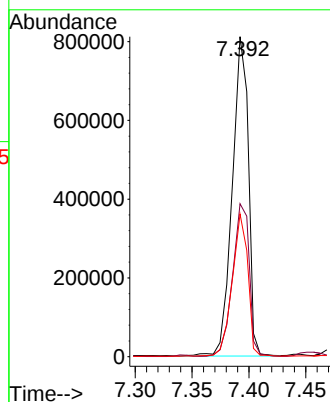
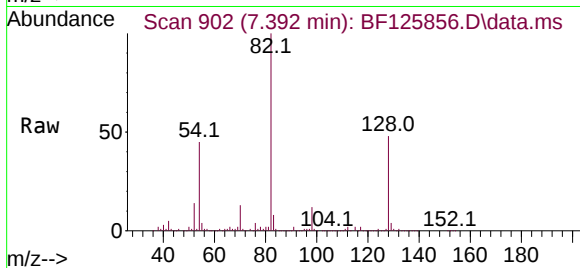
Tgt Ion: 82 Resp: 798363

Ion Ratio Lower Upper

82 100

128 47.8 40.6 60.8

54 44.6 49.6 74.4#



#25

Isophorone

Concen: 2.572 ng

RT: 7.739 min Scan# 961

Delta R.T. 0.070 min

Lab File: BF125856.D

Acq: 14 Oct 2021 21:23

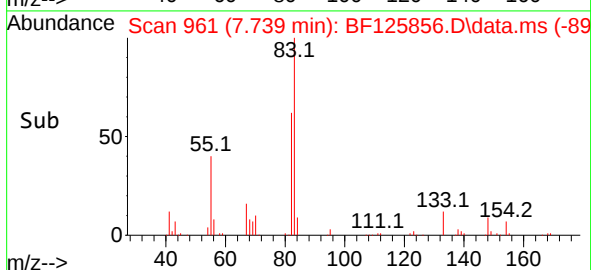
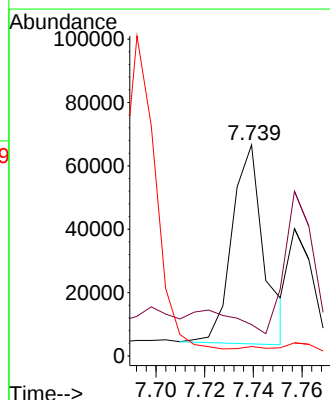
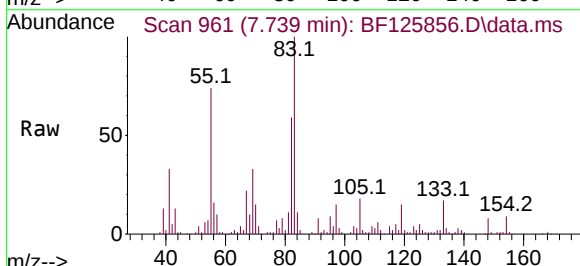
Tgt Ion: 82 Resp: 56786

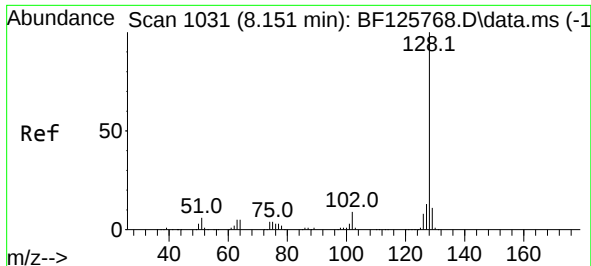
Ion Ratio Lower Upper

82 100

95 14.8 6.5 9.7#

138 4.5 18.4 27.6#

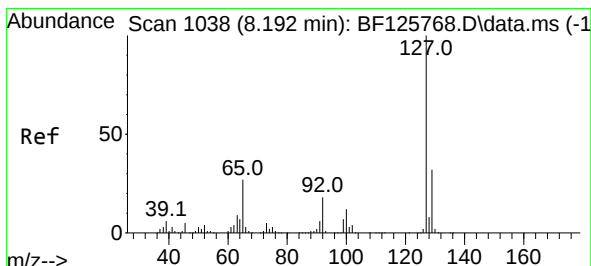
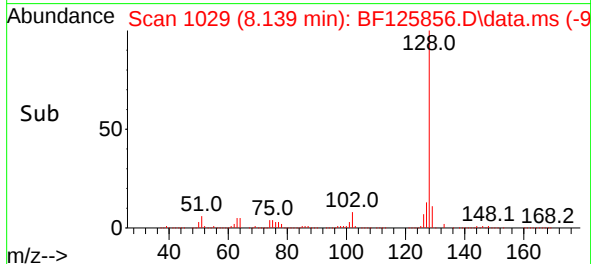
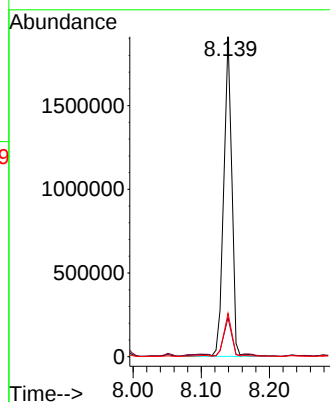
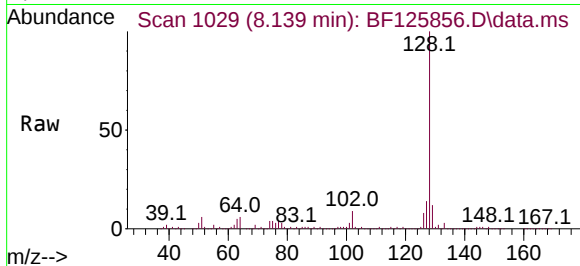




#31
Naphthalene
Concen: 42.718 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

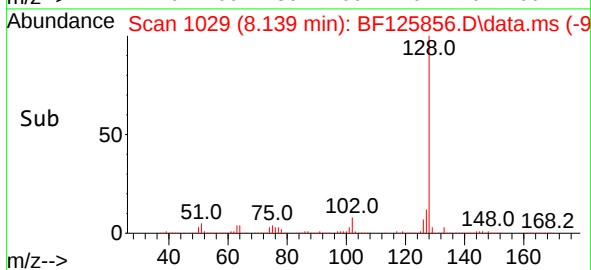
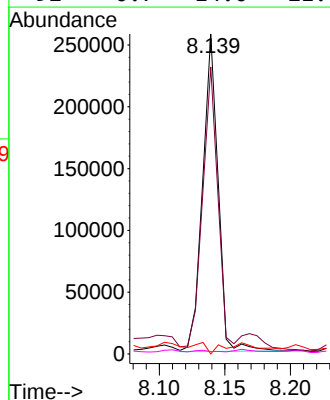
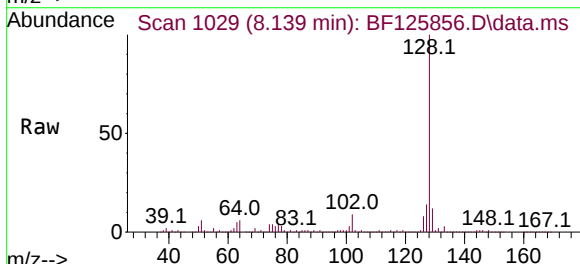
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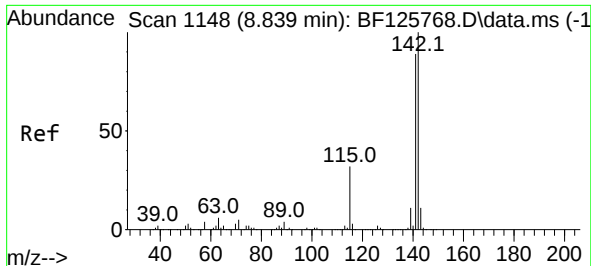
Tgt Ion:128 Resp: 1600213
Ion Ratio Lower Upper
128 100
129 12.2 9.4 14.0
127 13.5 10.9 16.3



#33
4-Chloroaniline
Concen: 13.519 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.059 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

Tgt Ion:127 Resp: 211938
Ion Ratio Lower Upper
127 100
129 89.7 25.7 38.5#
65 0.0 21.2 31.8#
92 0.7 14.0 21.0#

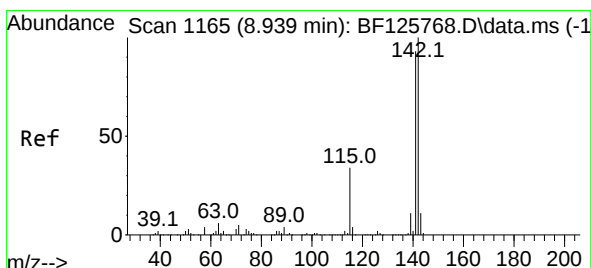
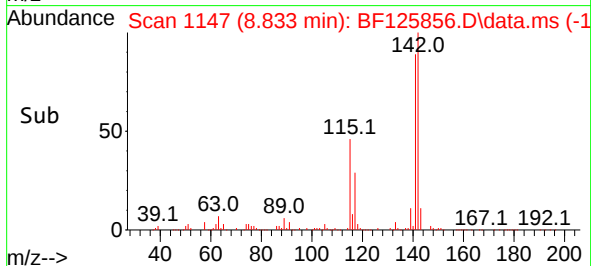
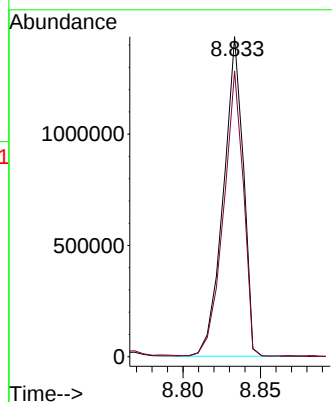
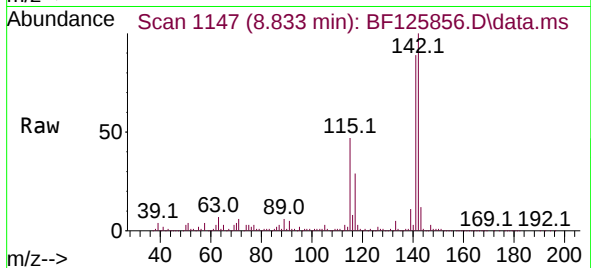




#37
2-Methylnaphthalene
Concen: 52.976 ng
RT: 8.833 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

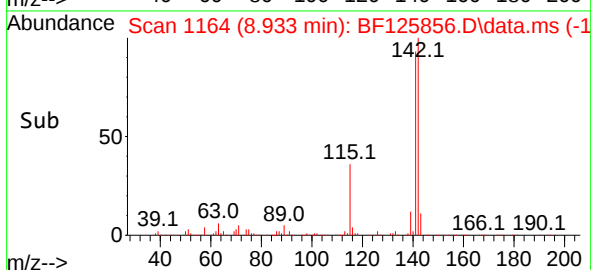
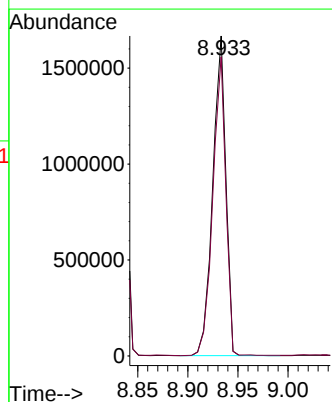
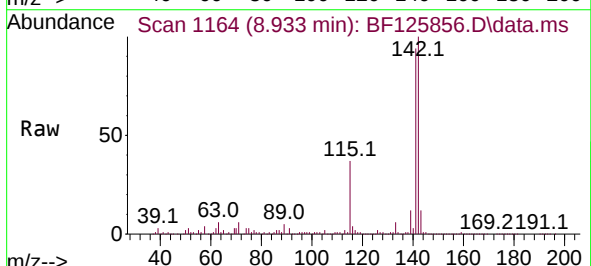
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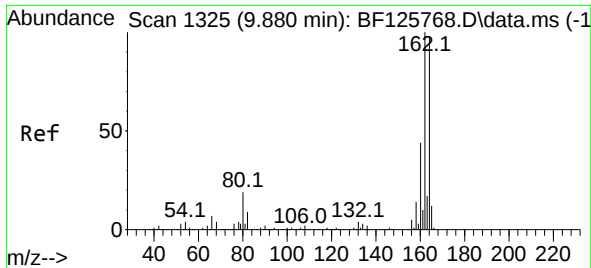
Tgt Ion:142 Resp: 1285218
Ion Ratio Lower Upper
142 100
141 89.3 71.2 106.8



#38
1-Methylnaphthalene
Concen: 64.447 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

Tgt Ion:142 Resp: 1517177
Ion Ratio Lower Upper
142 100
141 93.5 76.0 114.0

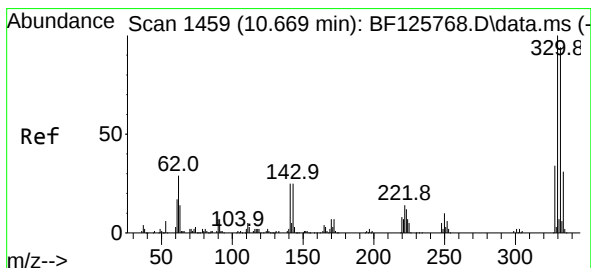
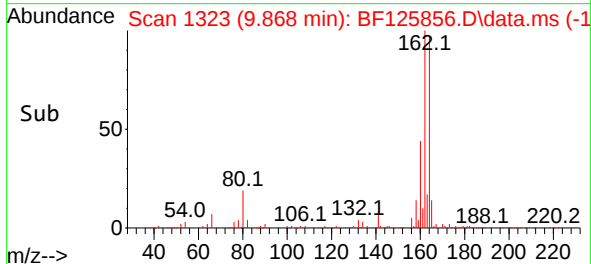
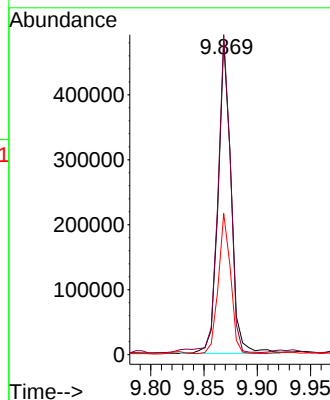
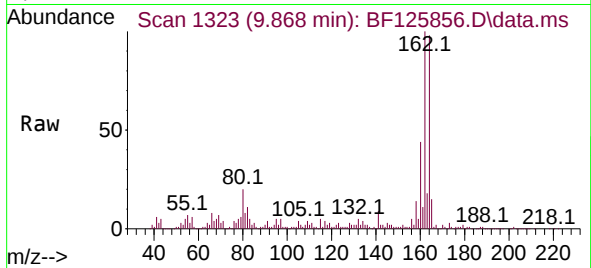




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.868 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

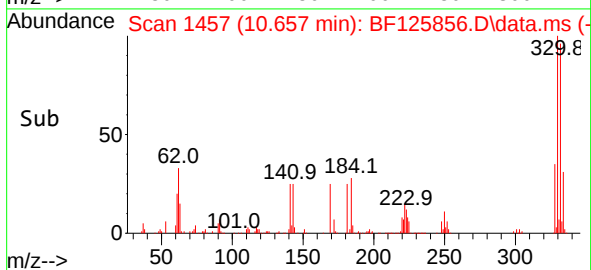
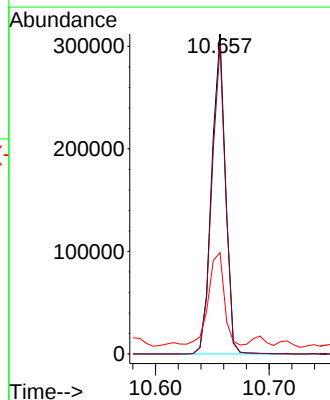
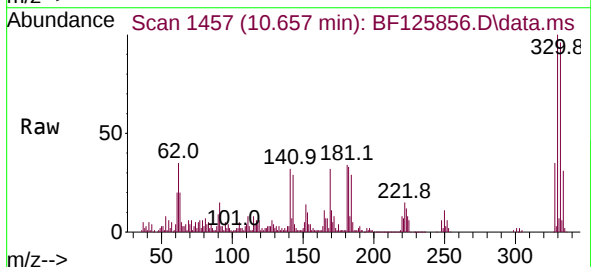
Instrument :
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ClientSampleId :
HAR-SOILPILE

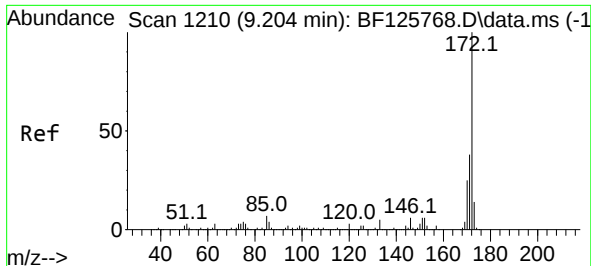
Tgt Ion:164 Resp: 408496
Ion Ratio Lower Upper
164 100
162 102.0 81.3 121.9
160 45.1 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 64.725 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

Tgt Ion:330 Resp: 261045
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 32.8 44.6 66.8#

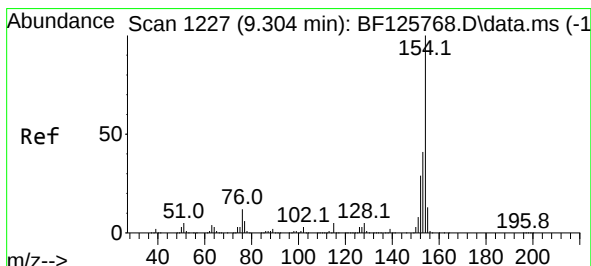
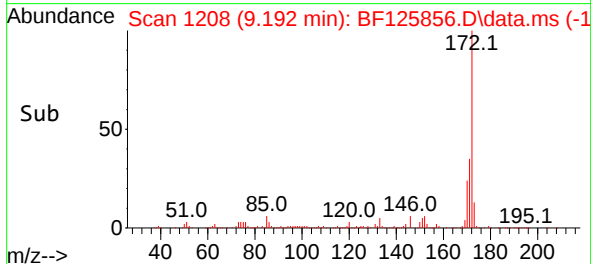
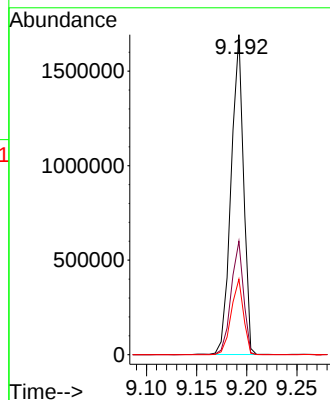
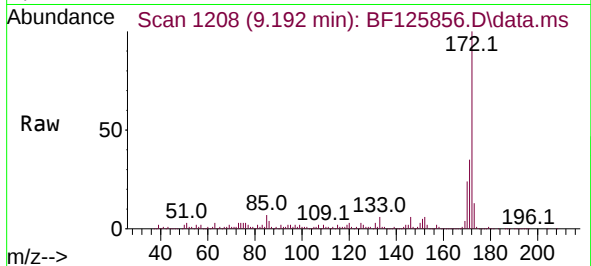




#45
2-Fluorobiphenyl
Concen: 61.682 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

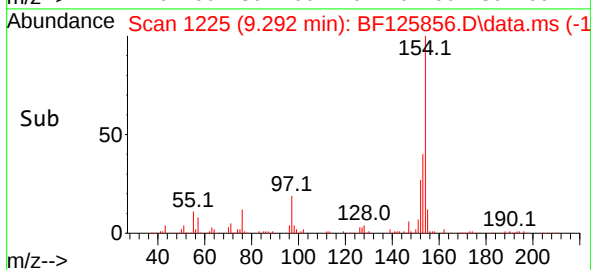
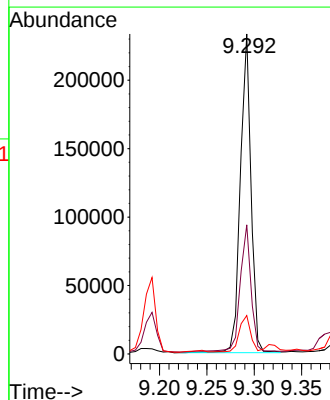
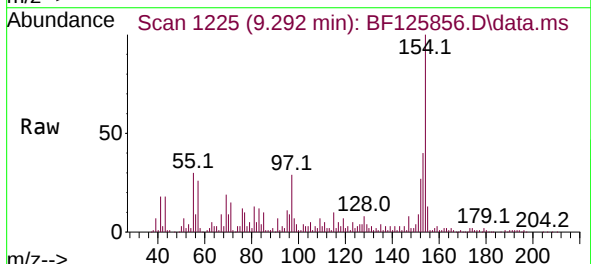
Instrument :
BNA_F
ClientSampleId :
HAR-SOILPILE

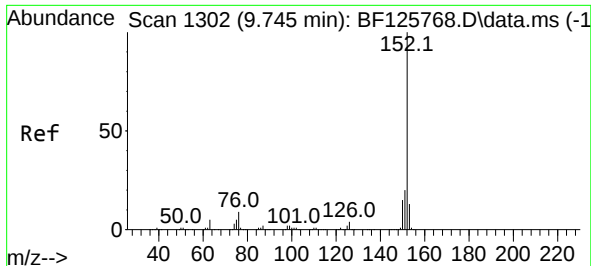
Tgt Ion:172 Resp: 1460837
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 23.6 18.8 28.2



#46
1,1'-Biphenyl
Concen: 6.050 ng
RT: 9.292 min Scan# 1225
Delta R.T. -0.012 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

Tgt Ion:154 Resp: 181690
Ion Ratio Lower Upper
154 100
153 40.3 20.0 60.0
76 12.0 0.0 30.3





#49

Acenaphthylene

Concen: 15.458 ng

RT: 9.733 min Scan# 1300

Delta R.T. -0.012 min

Lab File: BF125856.D

Acq: 14 Oct 2021 21:23

Instrument :

BNA_F

ClientSampleId :

HAR-SOILPILE

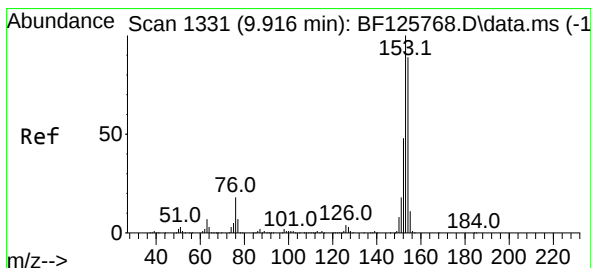
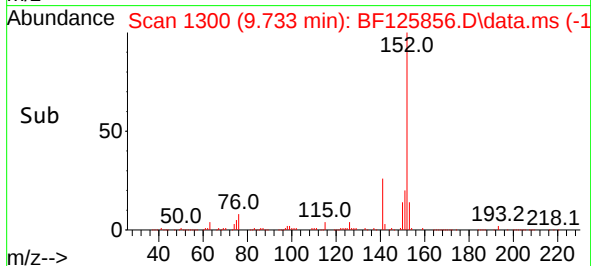
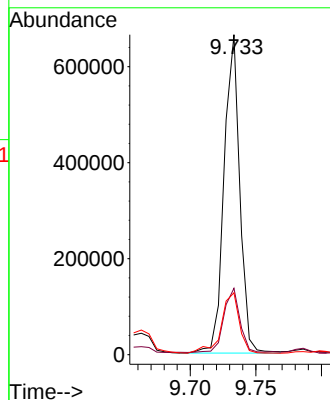
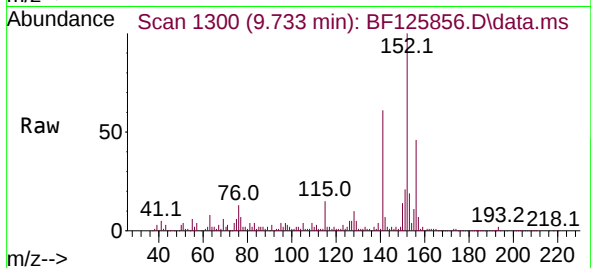
Tgt Ion:152 Resp: 552037

Ion Ratio Lower Upper

152 100

151 20.8 15.7 23.5

153 19.3 9.8 14.8#



#52

Acenaphthene

Concen: 22.928 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.012 min

Lab File: BF125856.D

Acq: 14 Oct 2021 21:23

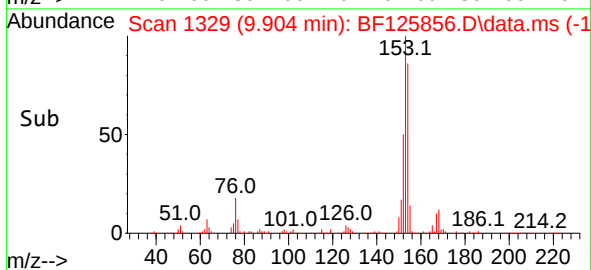
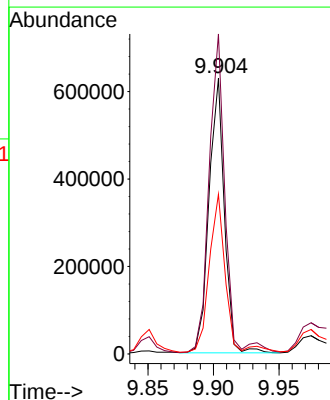
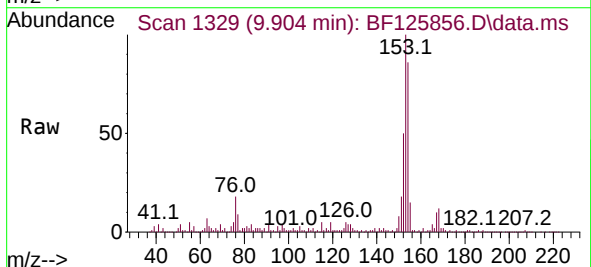
Tgt Ion:154 Resp: 511563

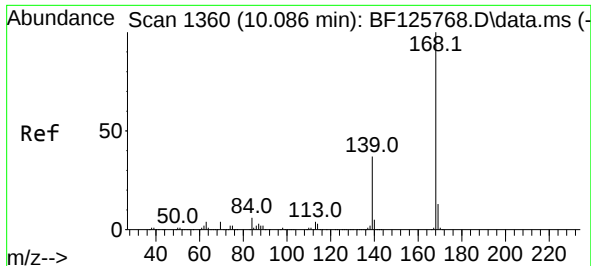
Ion Ratio Lower Upper

154 100

153 116.1 89.4 134.2

152 58.0 40.5 60.7

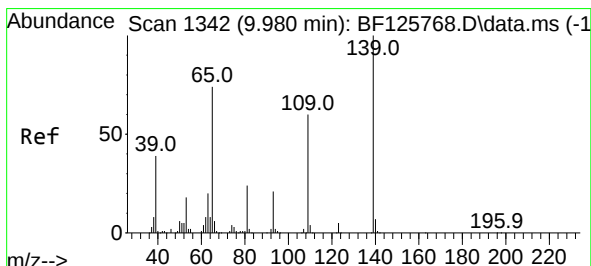
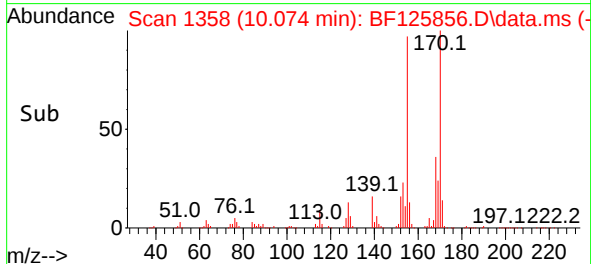
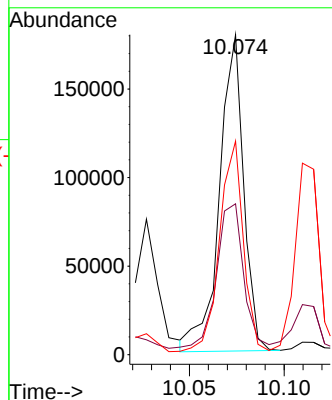
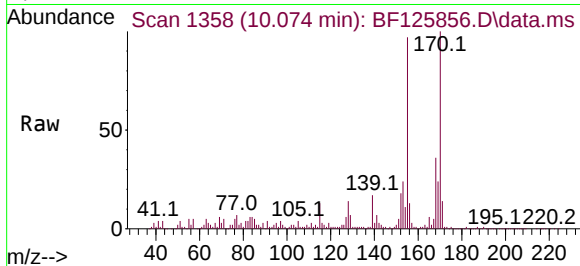




#55
Dibenzofuran
Concen: 4.747 ng
RT: 10.074 min Scan# 1358
Delta R.T. -0.012 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

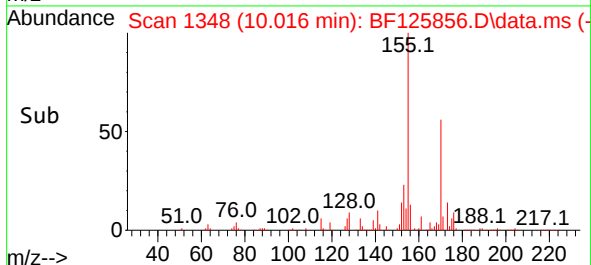
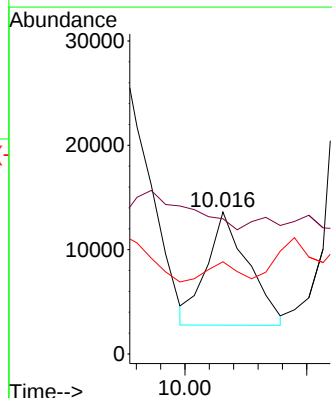
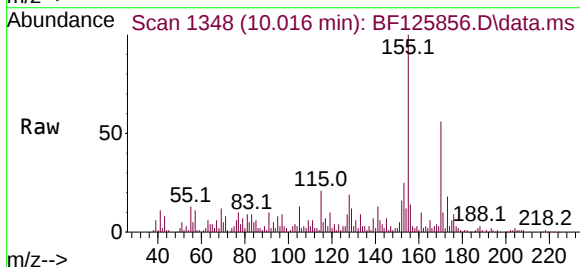
Instrument :
BNA_F
ClientSampleId :
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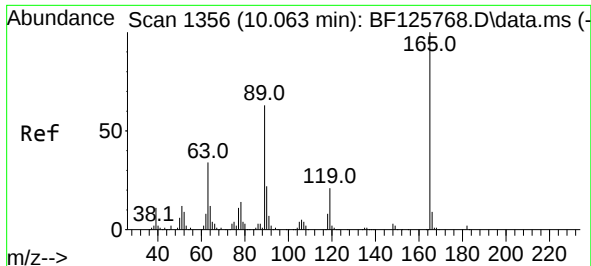
Tgt Ion:168 Resp: 158669
Ion Ratio Lower Upper
168 100
139 47.2 32.7 49.1
169 66.7 11.2 16.8#



#56
4-Nitrophenol
Concen: 2.675 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.029 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

Tgt Ion:139 Resp: 12818
Ion Ratio Lower Upper
139 100
109 95.3 60.4 100.4
65 64.9 58.4 98.4

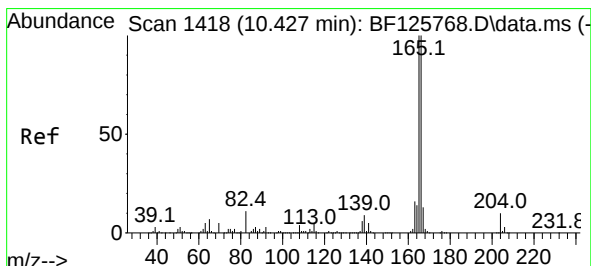
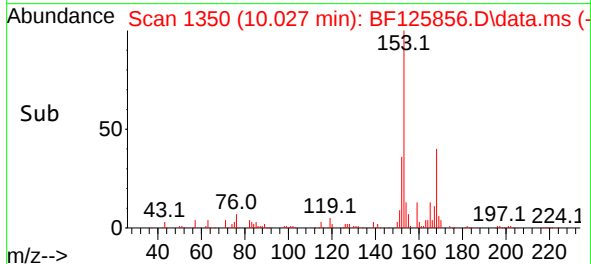
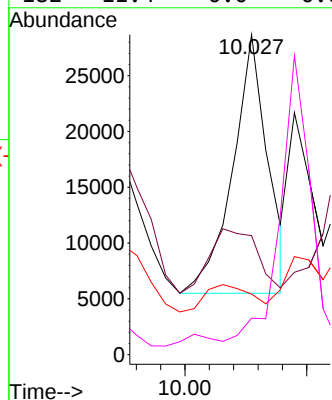
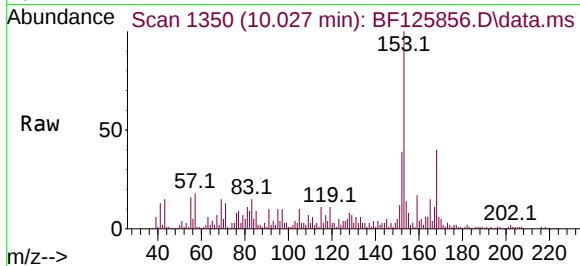




#57
2,4-Dinitrotoluene
Concen: 3.367 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.036 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

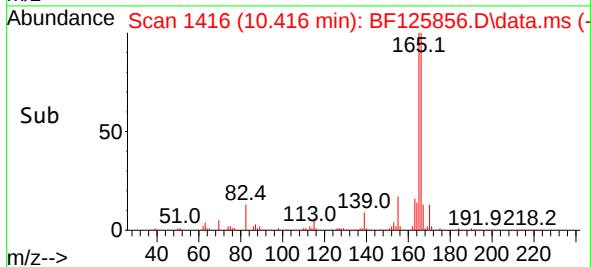
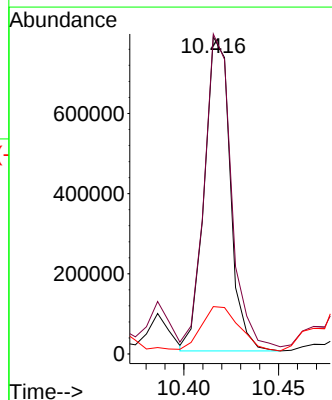
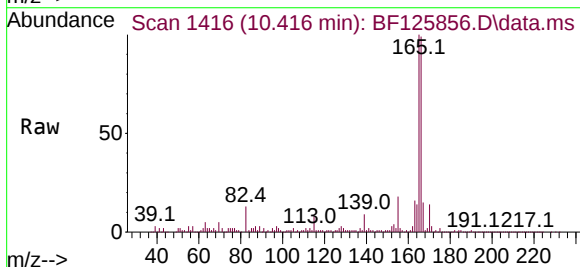
Instrument :
BNA_F
ClientSampleId :
HAR-SOILPILE

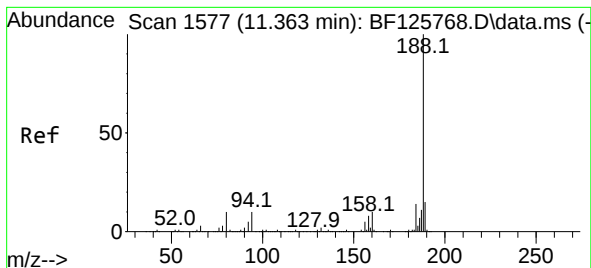
Tgt Ion:165 Resp: 23139
Ion Ratio Lower Upper
165 100
63 37.2 40.9 61.3#
89 19.0 59.7 89.5#
182 11.4 0.0 0.0#



#58
Fluorene
Concen: 30.405 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

Tgt Ion:166 Resp: 744298
Ion Ratio Lower Upper
166 100
165 100.9 78.1 117.1
167 15.0 11.1 16.7

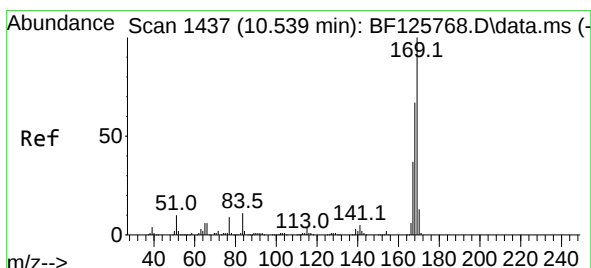
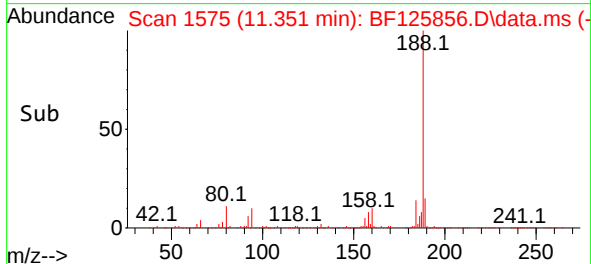
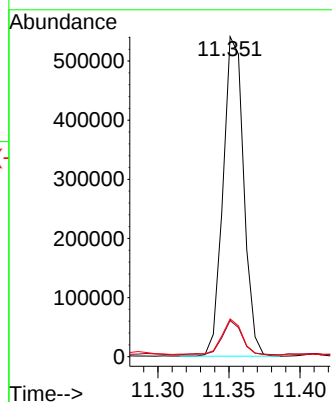
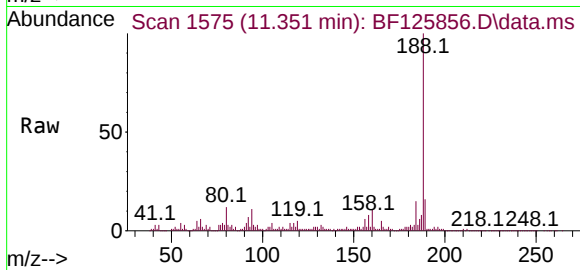




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

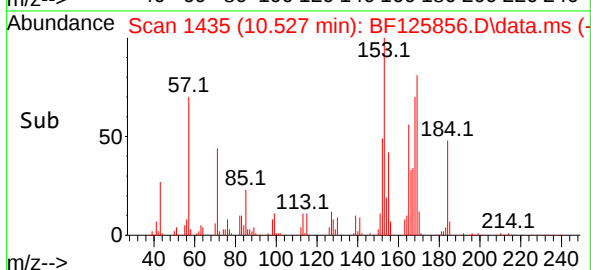
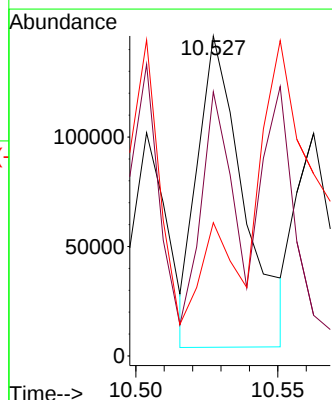
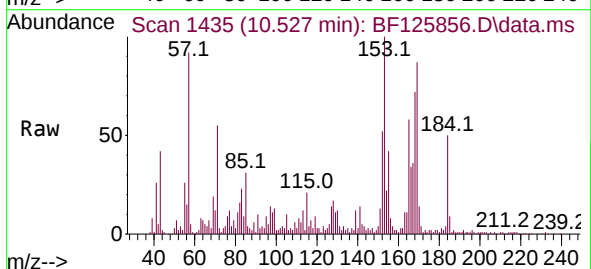
Instrument :
BNA_F
ClientSampleId :
HAR-SOILPILE

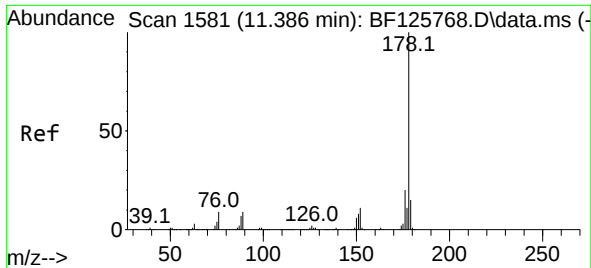
Tgt Ion:188 Resp: 546117
Ion Ratio Lower Upper
188 100
94 11.3 6.7 10.1#
80 11.8 7.5 11.3#



#66
n-Nitrosodiphenylamine
Concen: 8.566 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

Tgt Ion:169 Resp: 159579
Ion Ratio Lower Upper
169 100
168 82.5 50.8 76.2#
167 41.6 28.8 43.2

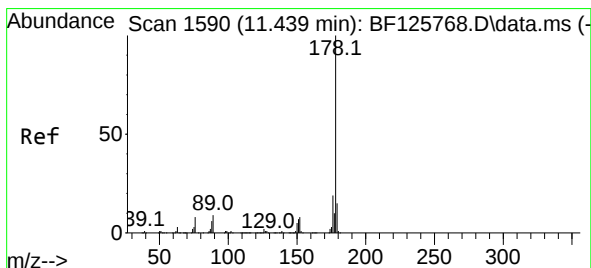
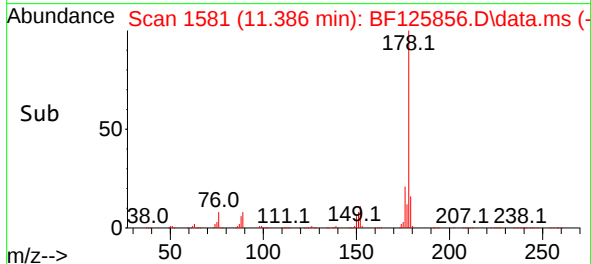
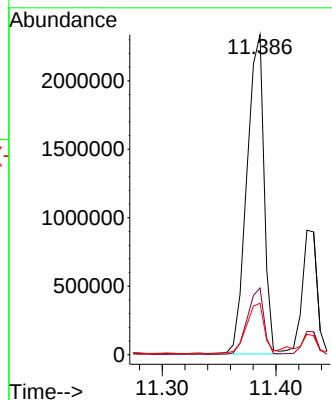
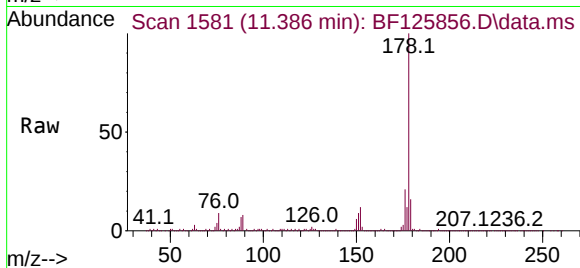




#71
Phenanthrene
Concen: 83.830 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

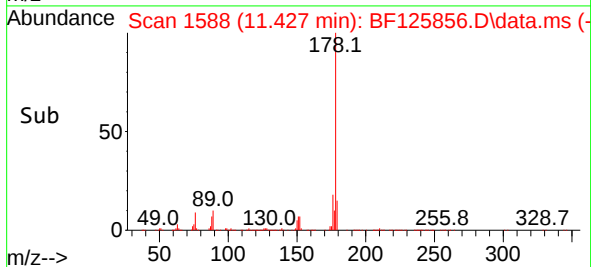
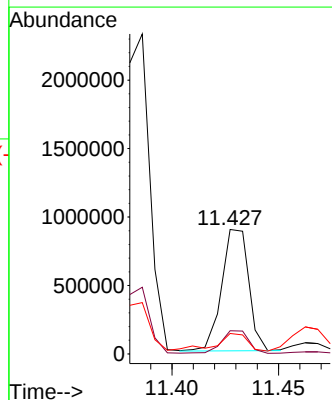
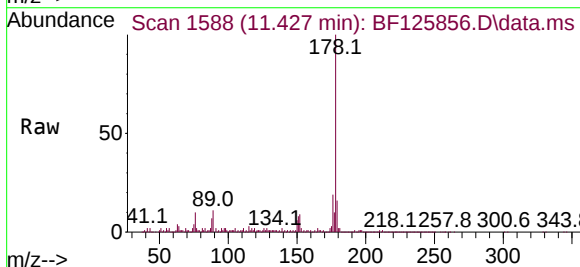
Instrument :
BNA_F
ClientSampleId :
HAR-SOILPILE

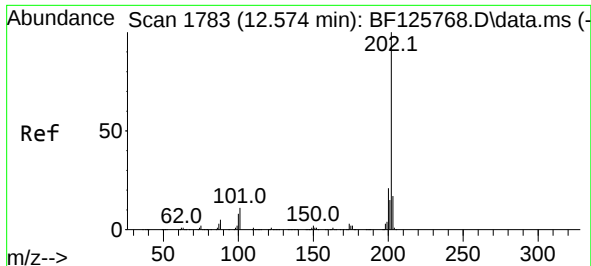
Tgt Ion:178 Resp: 2449473
Ion Ratio Lower Upper
178 100
176 20.8 14.7 22.1
179 16.1 11.5 17.3



#72
Anthracene
Concen: 26.898 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

Tgt Ion:178 Resp: 784996
Ion Ratio Lower Upper
178 100
176 18.6 14.3 21.5
179 16.4 12.2 18.4

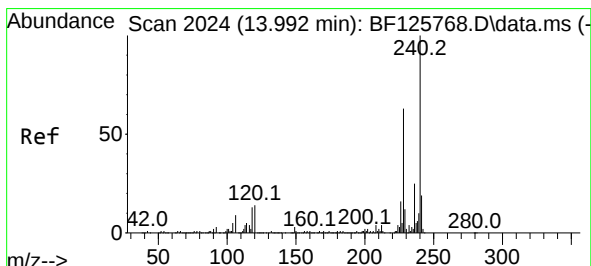
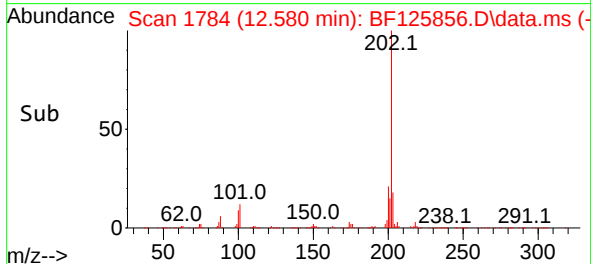
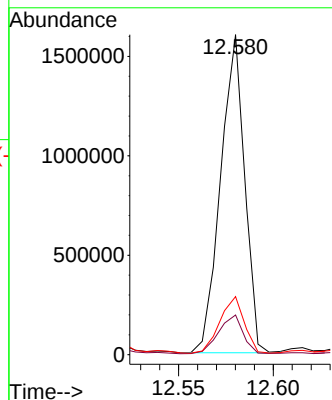
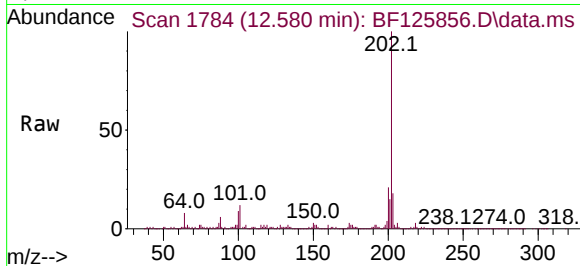




#75
Fluoranthene
Concen: 53.619 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.006 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

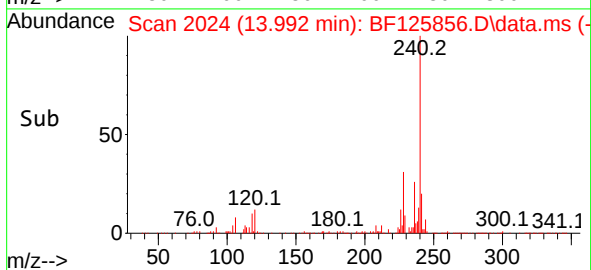
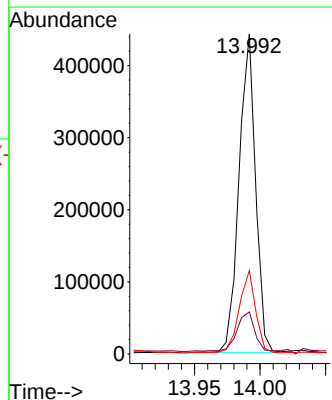
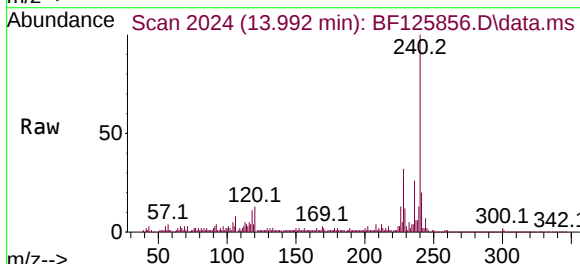
Instrument :
BNA_F
ClientSampleId :
HAR-SOILPILE

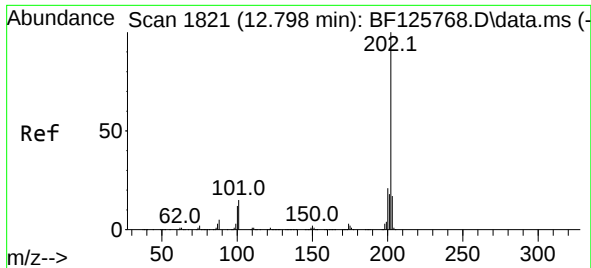
Tgt Ion:202 Resp: 1413679
Ion Ratio Lower Upper
202 100
101 12.4 0.0 30.7
203 18.1 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

Tgt Ion:240 Resp: 389988
Ion Ratio Lower Upper
240 100
120 13.2 10.8 16.2
236 26.0 21.6 32.4

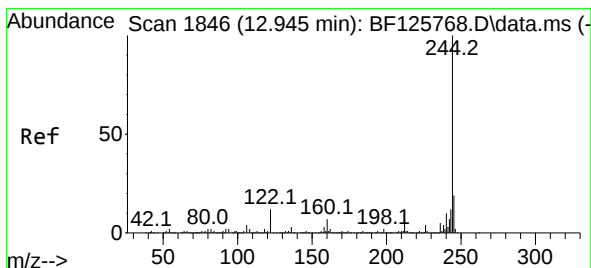
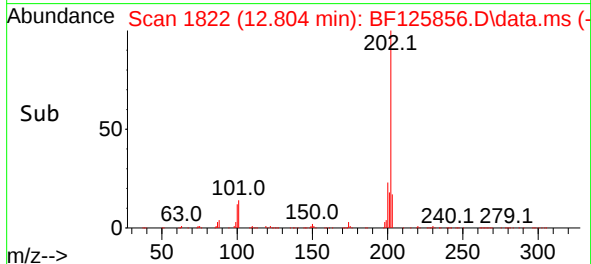
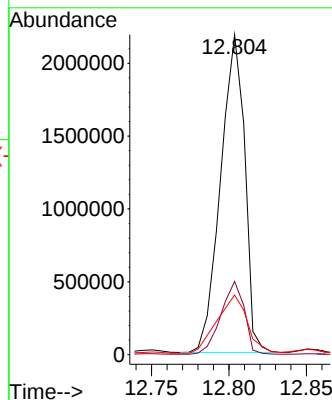
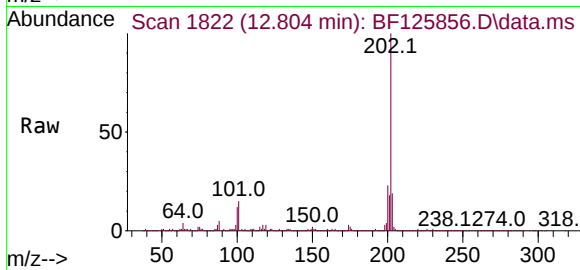




#78
Pyrene
Concen: 59.654 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

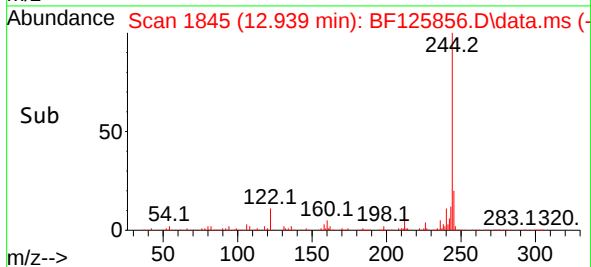
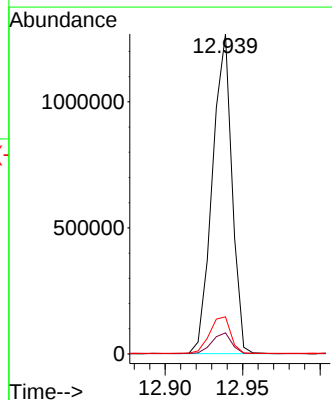
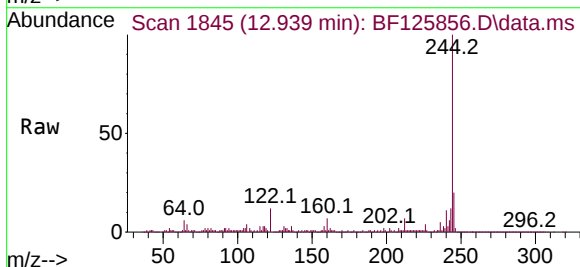
Instrument :
BNA_F
ClientSampleId :
HAR-SOILPILE

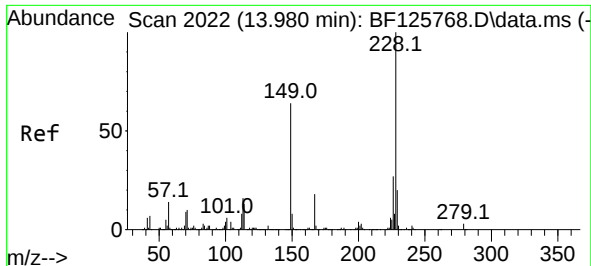
Tgt Ion:202 Resp: 2363508
Ion Ratio Lower Upper
202 100
200 22.9 15.3 22.9
203 18.6 13.4 20.0



#79
Terphenyl-d14
Concen: 43.488 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

Tgt Ion:244 Resp: 1113383
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 11.6 9.0 13.4

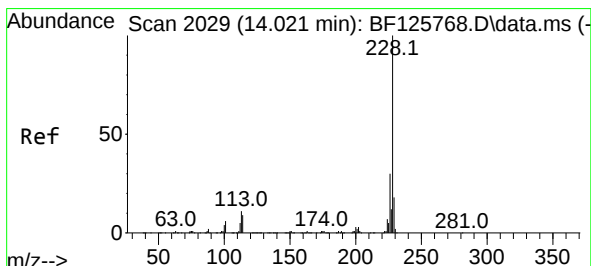
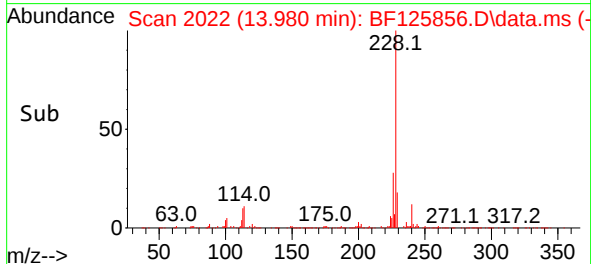
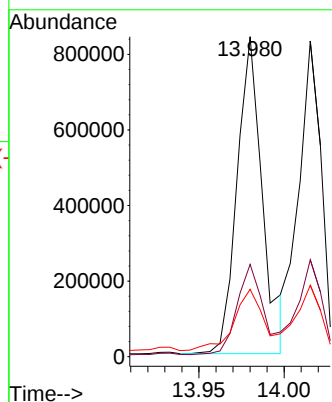
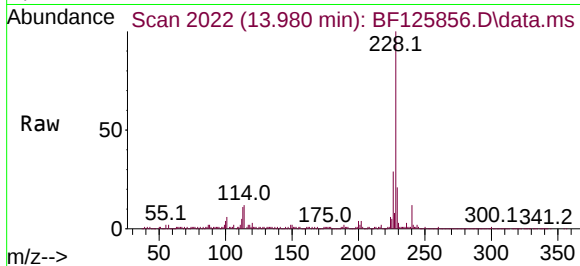




#81
Benzo(a)anthracene
Concen: 34.140 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

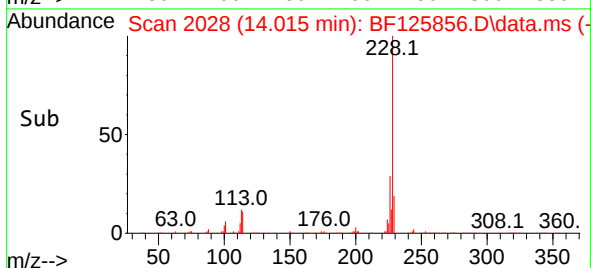
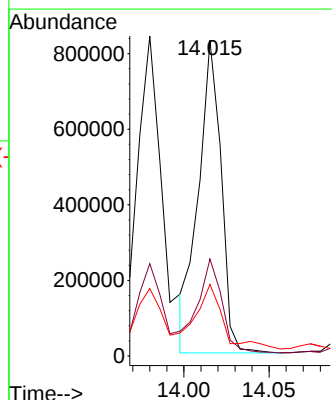
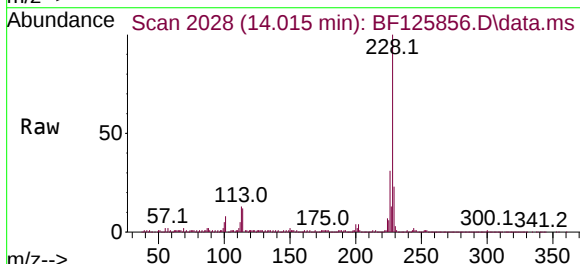
Instrument :
BNA_F
ClientSampleId :
HAR-SOILPILE

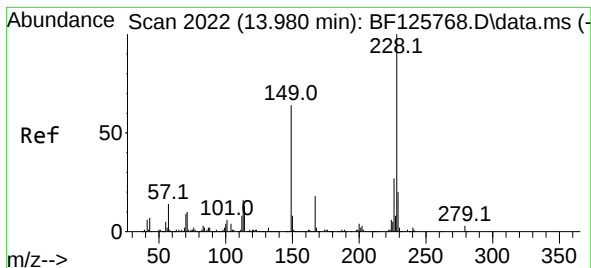
Tgt Ion:228 Resp: 863808
Ion Ratio Lower Upper
228 100
226 28.8 21.6 32.4
229 21.0 15.6 23.4



#83
Chrysene
Concen: 30.637 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

Tgt Ion:228 Resp: 766200
Ion Ratio Lower Upper
228 100
226 30.7 22.6 34.0
229 22.7 15.9 23.9

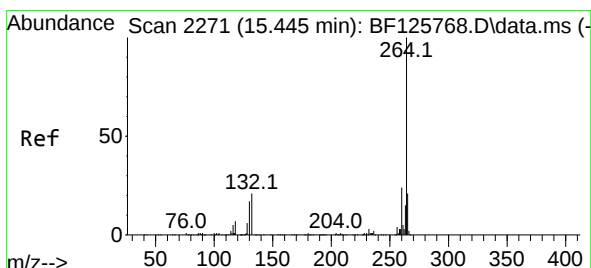
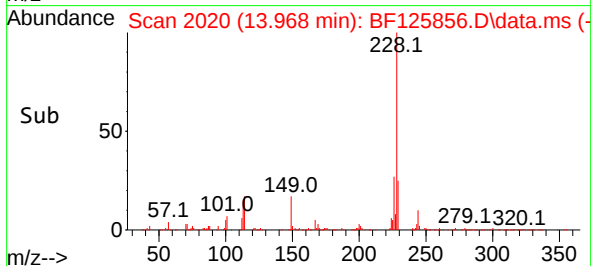
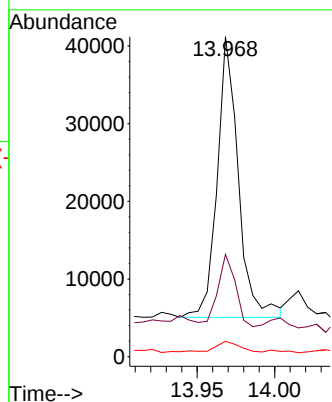
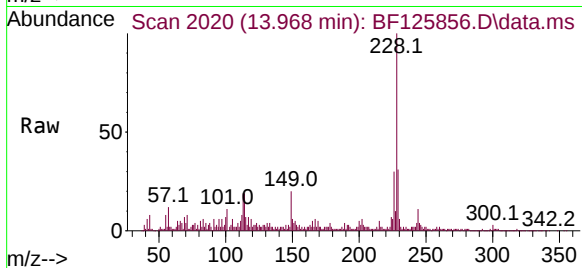




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.476 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

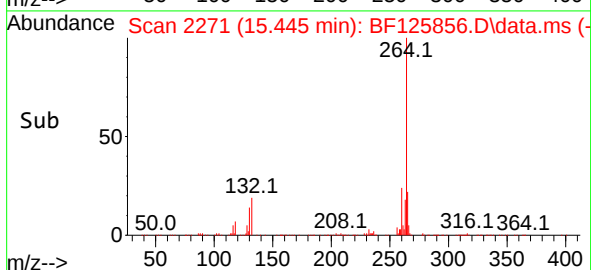
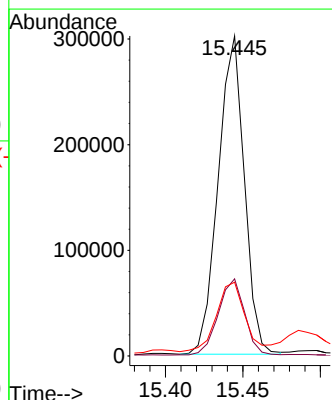
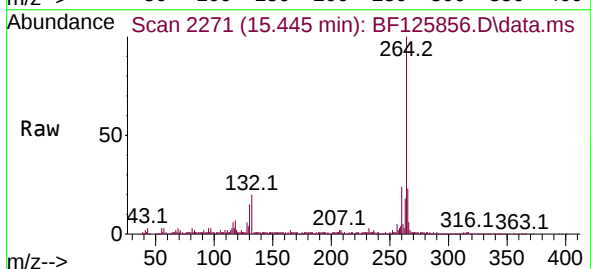
Instrument :
BNA_F
ClientSampleId :
HAR-SOILPILE

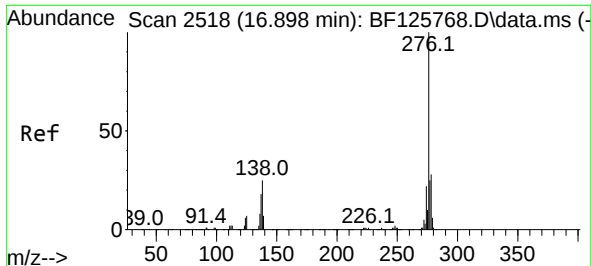
Tgt Ion:149 Resp: 34218
Ion Ratio Lower Upper
149 100
167 32.0 21.4 32.0
279 4.8 2.6 4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

Tgt Ion:264 Resp: 353134
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 23.1 17.2 25.8

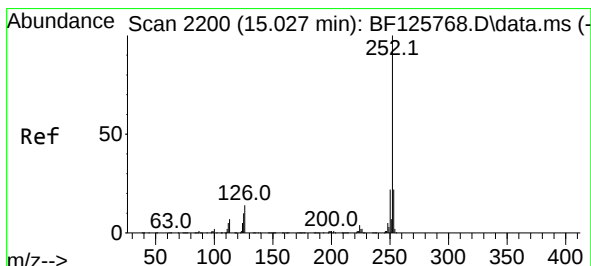
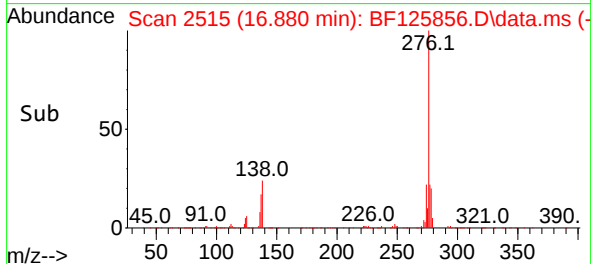
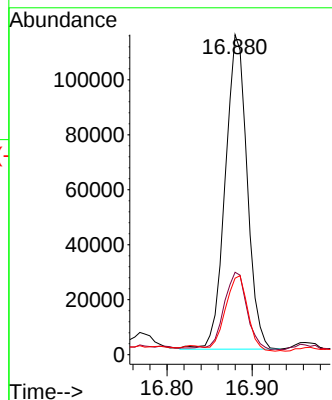
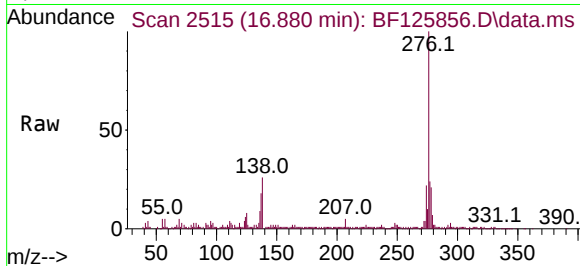




#87
Indeno(1,2,3-cd)pyrene
Concen: 7.575 ng
RT: 16.880 min Scan# 2515
Delta R.T. -0.030 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

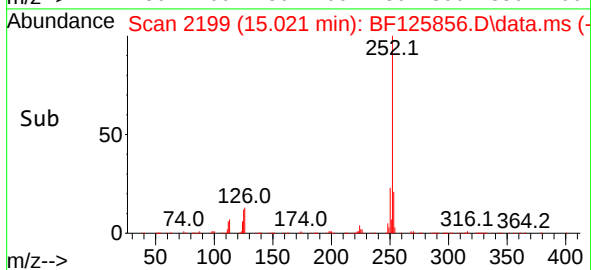
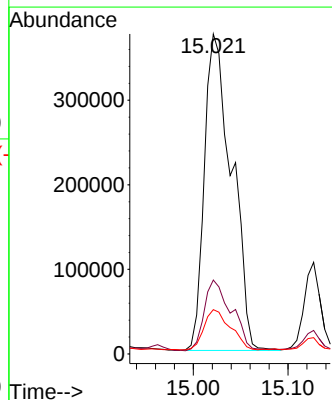
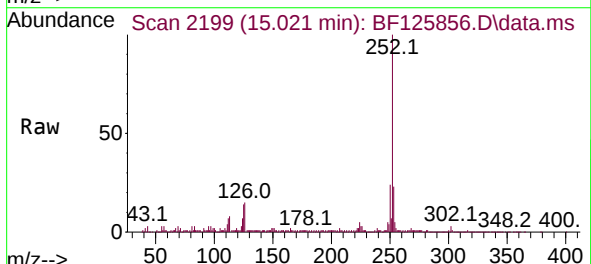
Instrument :
BNA_F
ClientSampleId :
HAR-SOILPILE

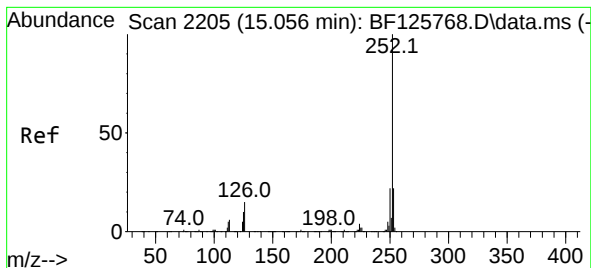
Tgt Ion:276 Resp: 204169
Ion Ratio Lower Upper
276 100
138 25.9 24.1 36.1
277 24.5 18.8 28.2



#88
Benzo(b)fluoranthene
Concen: 37.778 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

Tgt Ion:252 Resp: 753166
Ion Ratio Lower Upper
252 100
253 23.1 16.8 25.2
125 13.9 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 36.795 ng

RT: 15.021 min Scan# 2199

Delta R.T. -0.041 min

Lab File: BF125856.D

Acq: 14 Oct 2021 21:23

Instrument :

BNA_F

ClientSampleId :

HAR-SOILPILE

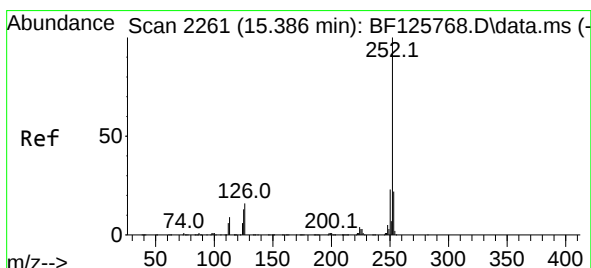
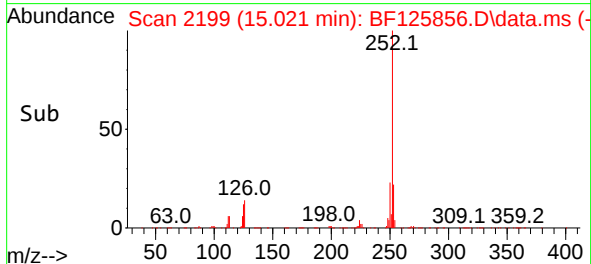
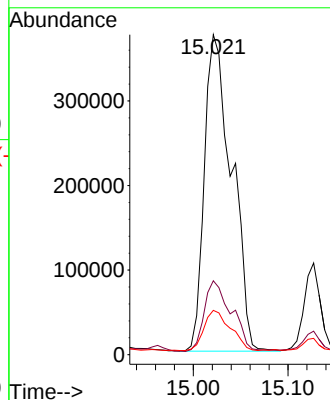
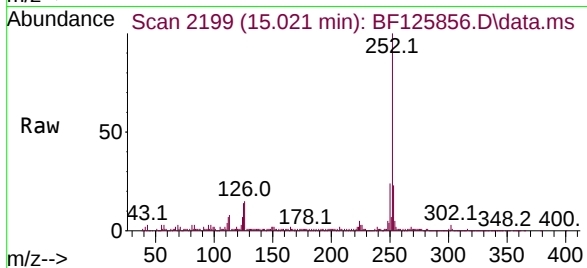
Tgt Ion:252 Resp: 753166

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

125 13.9 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 33.379 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.012 min

Lab File: BF125856.D

Acq: 14 Oct 2021 21:23

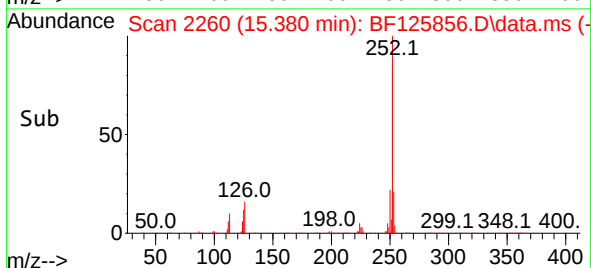
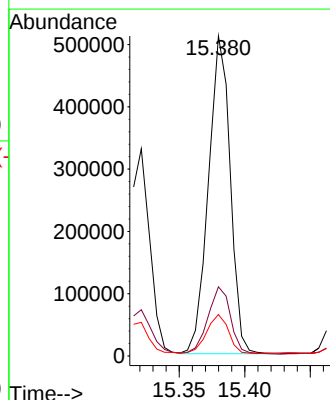
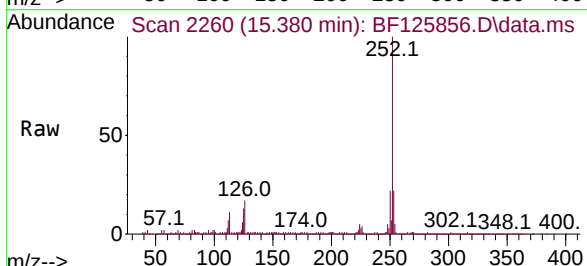
Tgt Ion:252 Resp: 589319

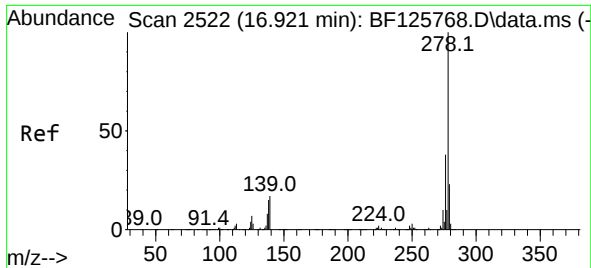
Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

125 13.0 9.9 14.9

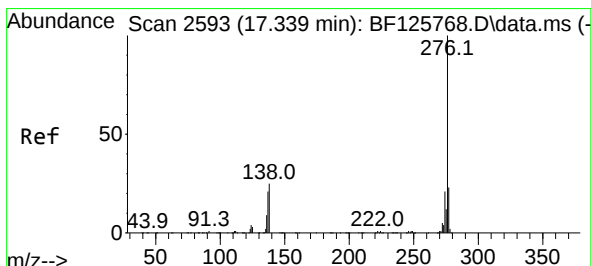
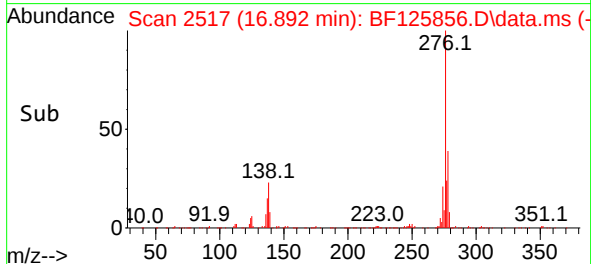
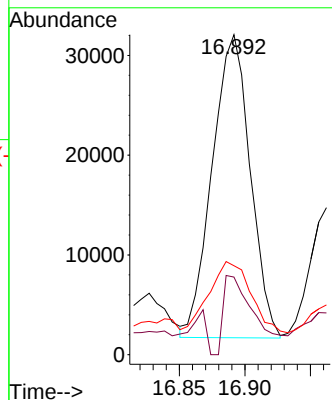
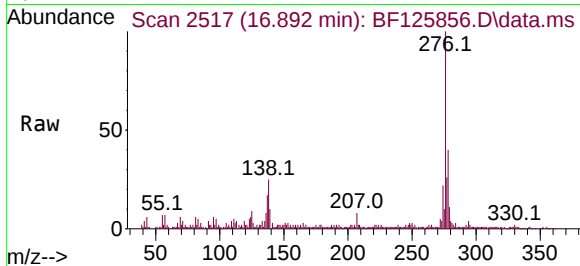




#91
Dibenzo(a,h)anthracene
Concen: 2.755 ng
RT: 16.892 min Scan# 2517
Delta R.T. -0.036 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

Instrument :
BNA_F
ClientSampleId :
HAR-SOILPILE

Tgt Ion:278 Resp: 61248
Ion Ratio Lower Upper
278 100
139 24.3 14.9 22.3#
279 27.8 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 9.899 ng
RT: 17.315 min Scan# 2589
Delta R.T. -0.036 min
Lab File: BF125856.D
Acq: 14 Oct 2021 21:23

Tgt Ion:276 Resp: 224759
Ion Ratio Lower Upper
276 100
277 22.2 22.0 33.0
138 26.2 22.2 33.4

