

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
 Data File : BF125214.D
 Acq On : 25 Aug 2021 17:32
 Operator : JU/CG
 Sample : M3467-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-5-(184.50)

Manual Integrations
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Quant Time: Aug 25 17:58:29 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	125551	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	632723	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	217162	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	357755	20.000	ng	0.00
76) Chrysene-d12	14.080	240	322138	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	356026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	873691	105.329	ng	0.00
7) Phenol-d6	6.534	99	793007	73.920	ng	0.00
23) Nitrobenzene-d5	7.475	82	554502	44.120	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	213570	98.521	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1323694	84.954	ng	0.00
79) Terphenyl-d14	13.021	244	967995	47.871	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.810	152	102865	4.962	ng	98
71) Phenanthrene	11.457	178	113292	5.747	ng	100
72) Anthracene	11.510	178	138980	7.153	ng	98
73) Carbazole	11.663	167	128974	7.264	ng	99
75) Fluoranthene	12.651	202	697082	35.639	ng	97
78) Pyrene	12.880	202	652946	23.629	ng	95
81) Benzo(a)anthracene	14.068	228	299374m	12.898	ng	
83) Chrysene	14.110	228	660542	28.777	ng	95
87) Indeno(1,2,3-cd)pyrene	17.086	276	292224	11.393	ng	# 86
88) Benzo(b)fluoranthene	15.145	252	1138482m	43.770	ng	
89) Benzo(k)fluoranthene	15.168	252	238572m	9.829	ng	
90) Benzo(a)pyrene	15.515	252	272800m	11.873	ng	
91) Dibenzo(a,h)anthracene	17.098	278	72187	3.256	ng	92
92) Benzo(g,h,i)perylene	17.545	276	239912	11.223	ng	# 87

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

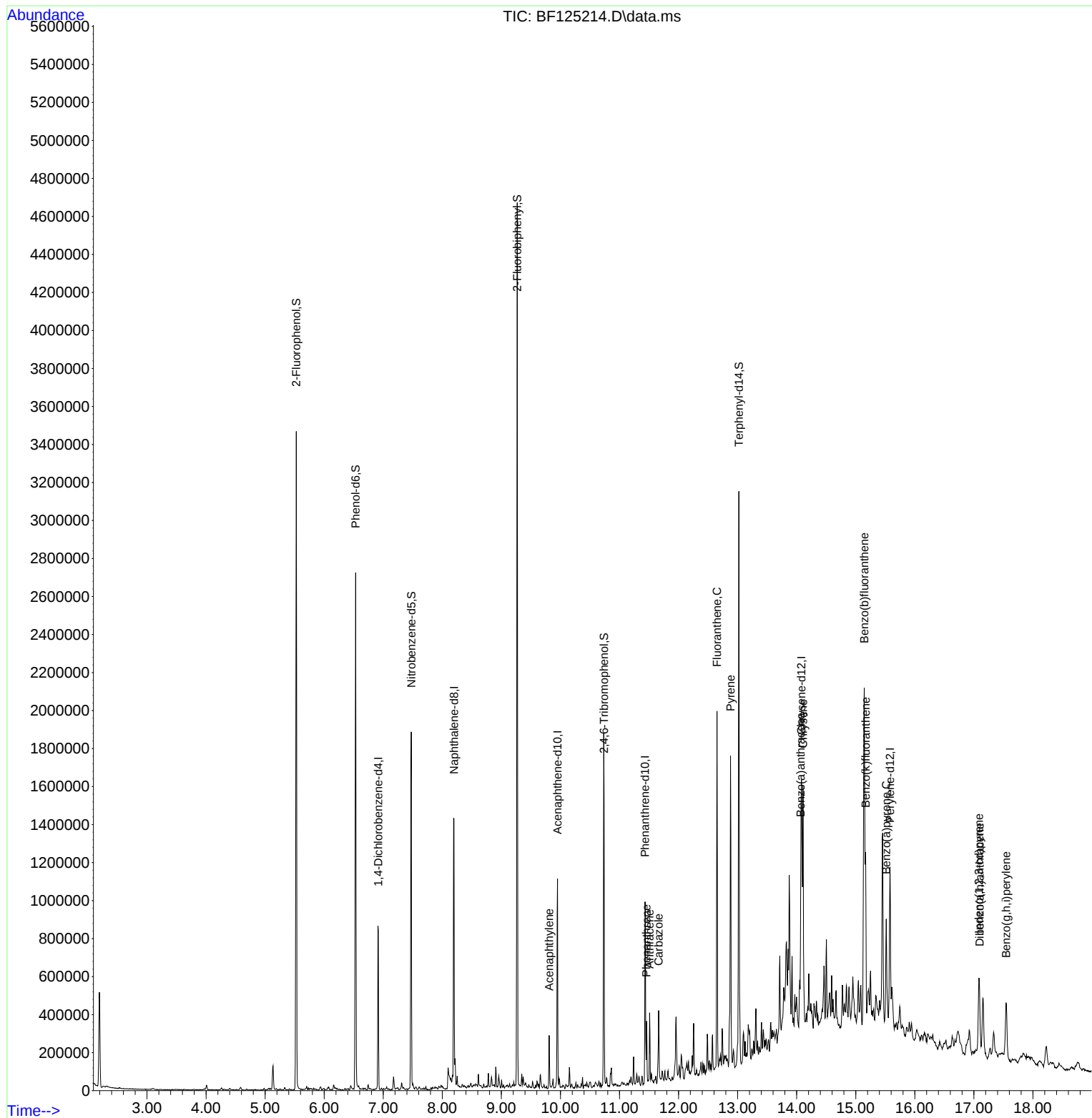
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
Data File : BF125214.D
Acq On : 25 Aug 2021 17:32
Operator : JU/CG
Sample : M3467-19
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ALS Vial : 16 Sample Multiplier: 1

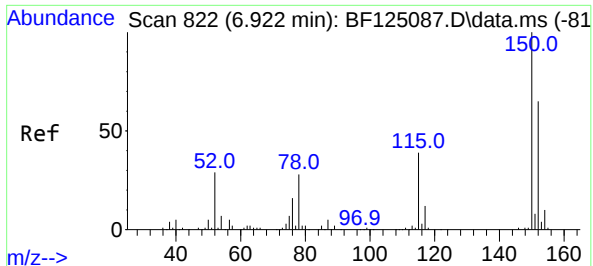
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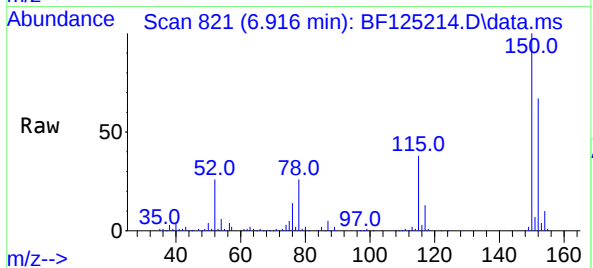
Quant Time: Aug 25 17:58:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125214.D
Acq: 25 Aug 2021 17:32

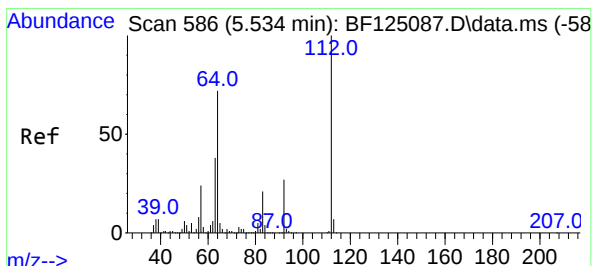
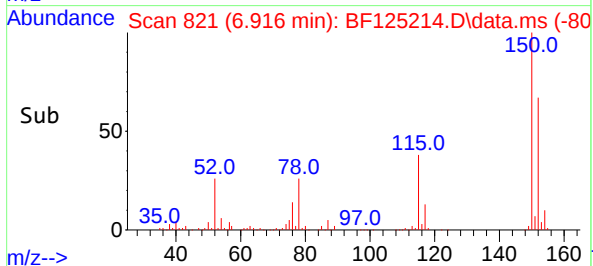
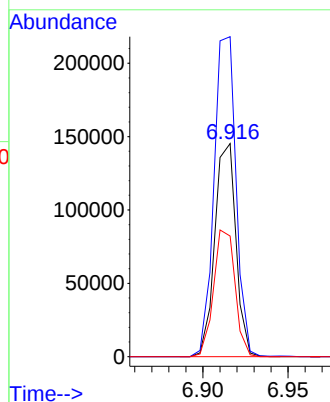
Instrument :
BNA_F
ClientSampleId :
SAMPLE-5-(184.50)



Tgt Ion:152 Resp: 125551
Ion Ratio Lower Upper
152 100
150 150.2 117.6 176.4
115 56.6 47.1 70.7

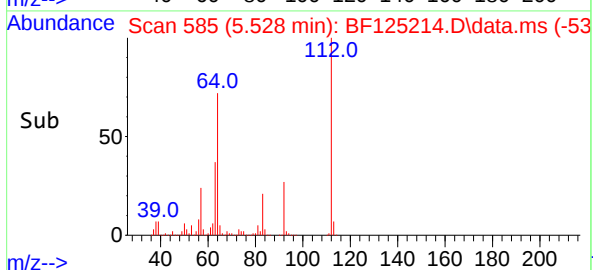
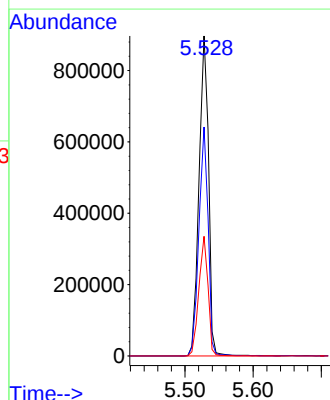
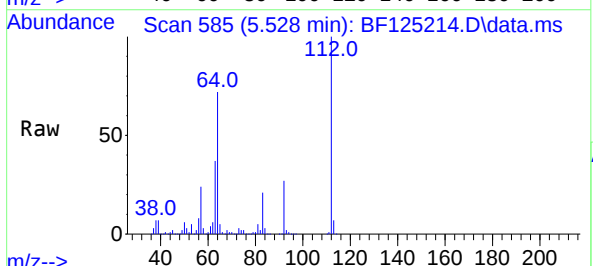
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#5
2-Fluorophenol
Concen: 105.329 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.000 min
Lab File: BF125214.D
Acq: 25 Aug 2021 17:32

Tgt Ion:112 Resp: 873691
Ion Ratio Lower Upper
112 100
64 71.5 44.2 66.2#
63 37.4 26.2 39.2





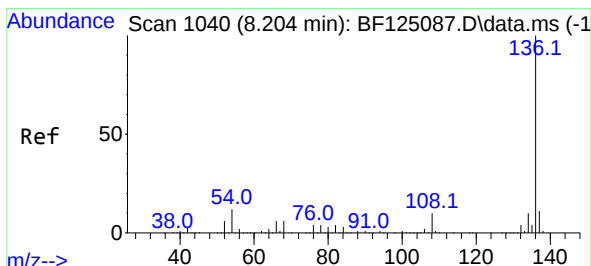
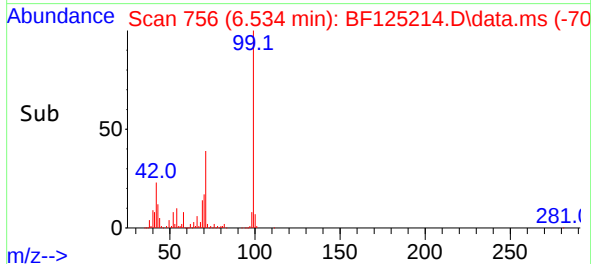
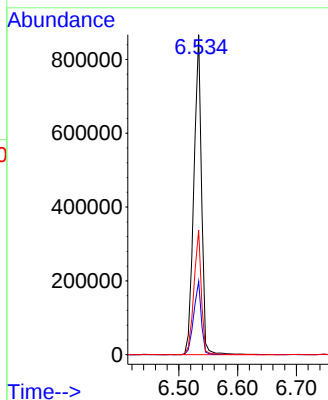
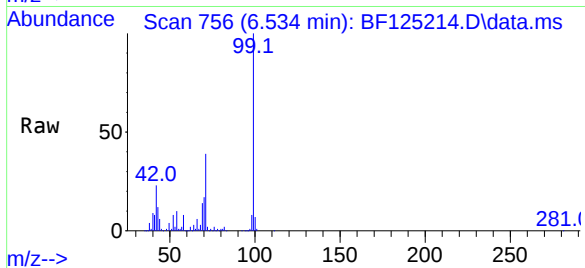
#7
Phenol-d6
Concen: 73.920 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125214.D
Acq: 25 Aug 2021 17:32

Tgt Ion: 99 Resp: 793007
Ion Ratio Lower Upper
99 100
42 23.0 23.5 35.3#
71 39.0 25.6 38.4#

Instrument :
BNA_F
ClientSampleId :
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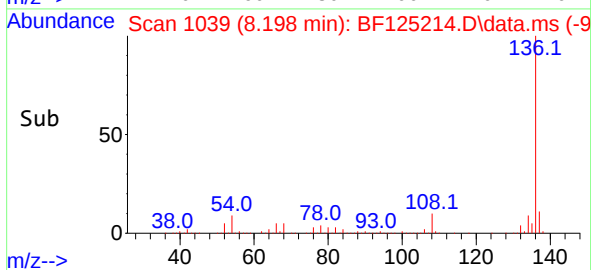
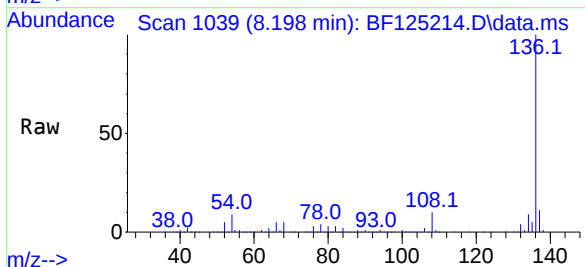
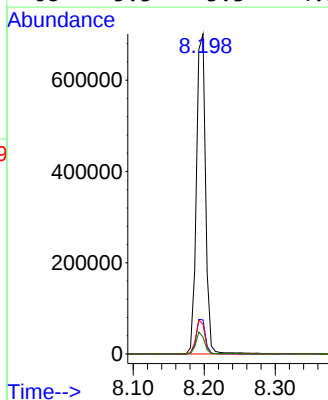
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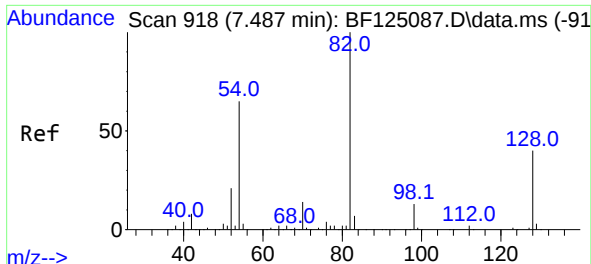
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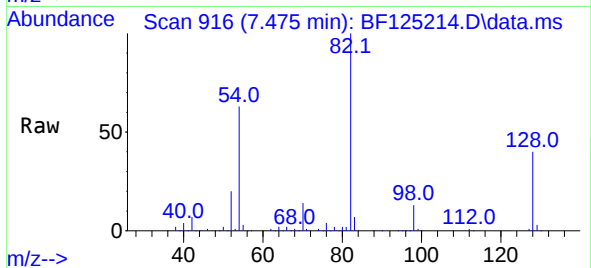
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125214.D
Acq: 25 Aug 2021 17:32

Tgt Ion: 136 Resp: 632723
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 9.3 6.4 9.6
68 5.3 3.3 4.9#

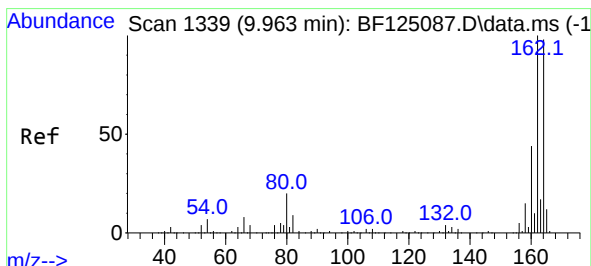
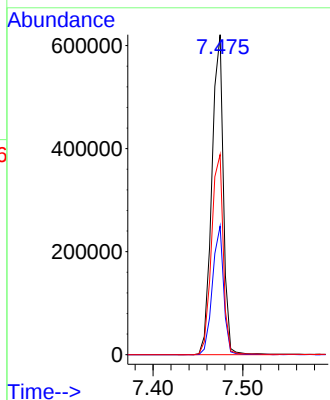
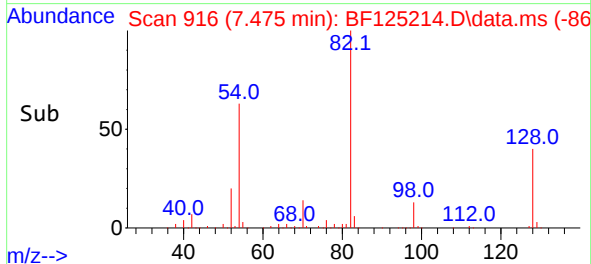




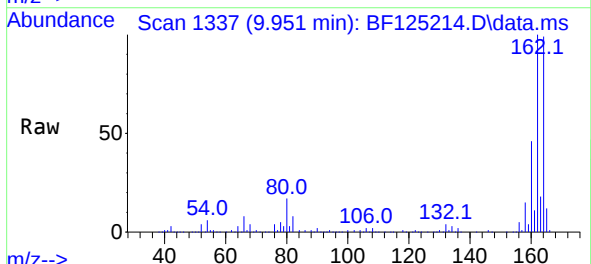
#23
Nitrobenzene-d5
Concen: 44.120 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125214.D
Acq: 25 Aug 2021 17:32



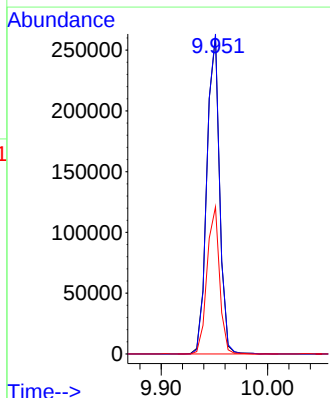
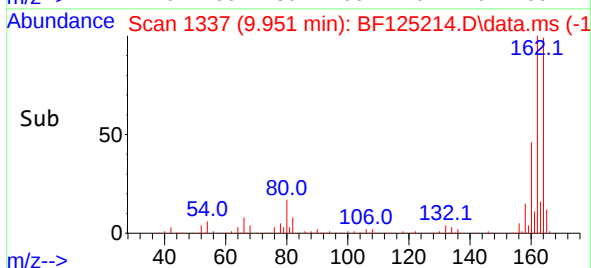
Tgt Ion: 82 Resp: 554502
Ion Ratio Lower Upper
82 100
128 40.2 40.6 60.8#
54 62.6 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125214.D
Acq: 25 Aug 2021 17:32



Tgt Ion: 164 Resp: 217162
Ion Ratio Lower Upper
164 100
162 100.9 81.3 121.9
160 46.3 38.0 57.0



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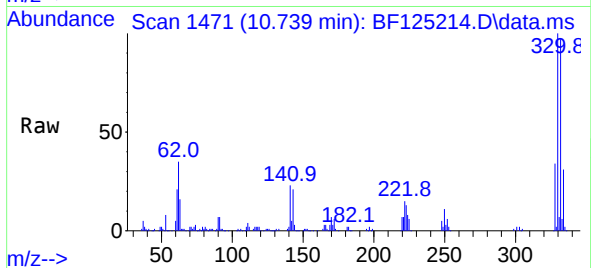
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#42
2,4,6-Tribromophenol
Concen: 98.521 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125214.D
Acq: 25 Aug 2021 17:32

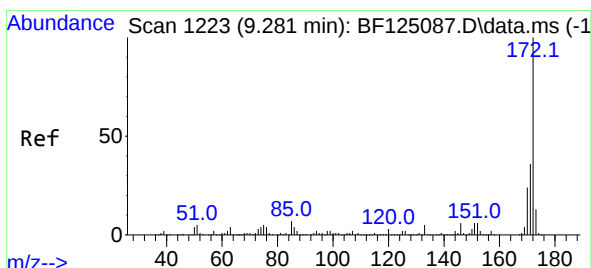
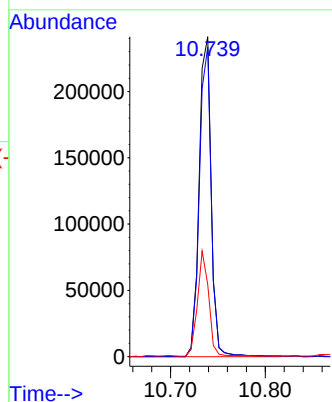
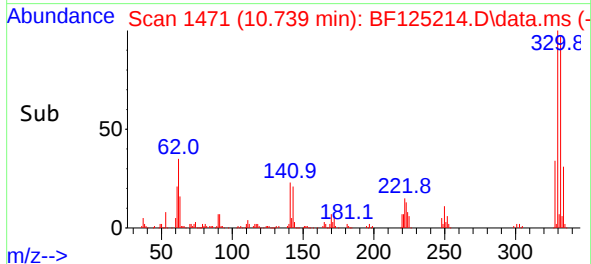
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ClientSampleId :
SAMPLE-5-(184.50)



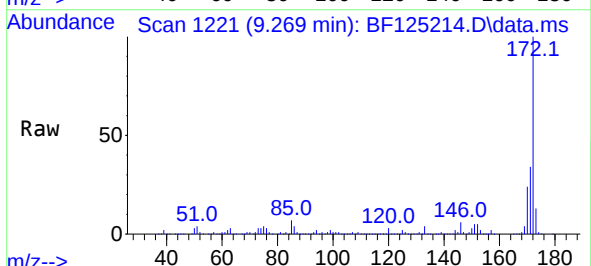
Tgt Ion:330 Resp: 213570
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 31.0 44.6 66.8#

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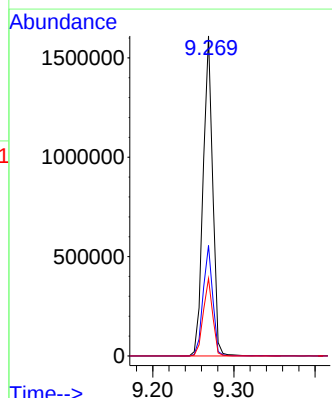
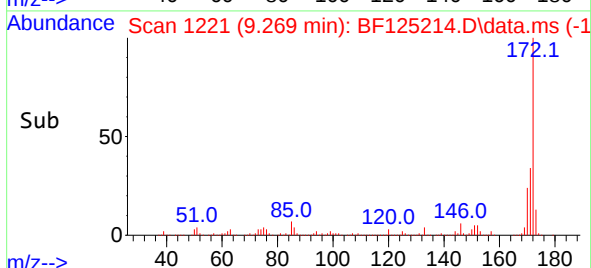
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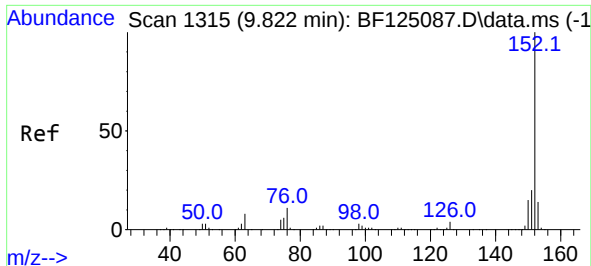


#45
2-Fluorobiphenyl
Concen: 84.954 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125214.D
Acq: 25 Aug 2021 17:32



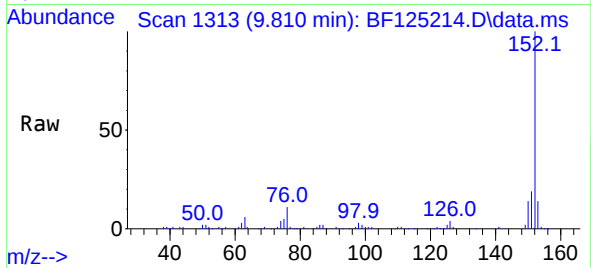
Tgt Ion:172 Resp: 1323694
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 24.2 18.8 28.2





#49
Acenaphthylene
Concen: 4.962 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF125214.D
Acq: 25 Aug 2021 17:32

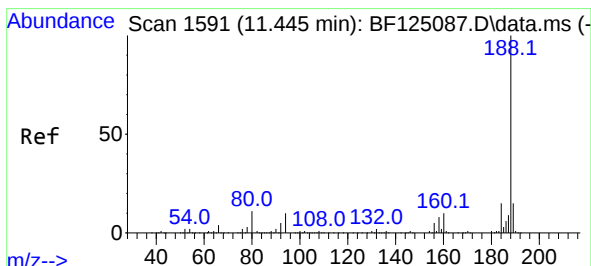
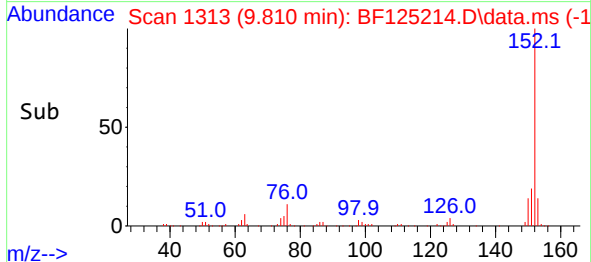
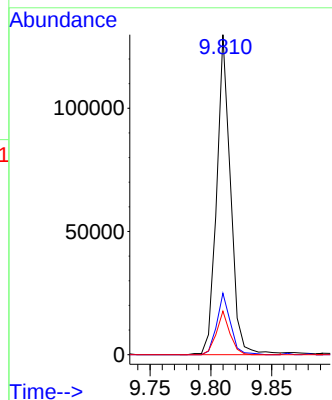
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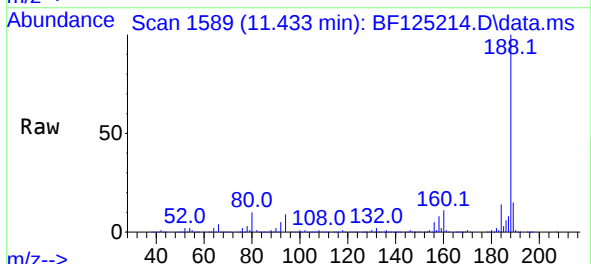
Tgt Ion:152 Resp: 102865
Ion Ratio Lower Upper
152 100
151 19.2 15.7 23.5
153 13.6 9.8 14.8

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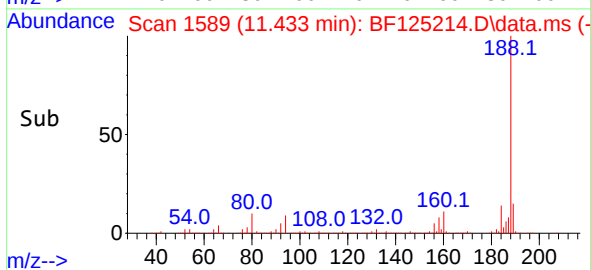
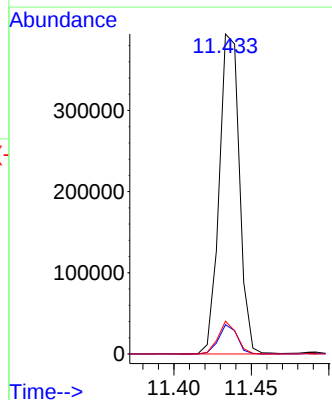
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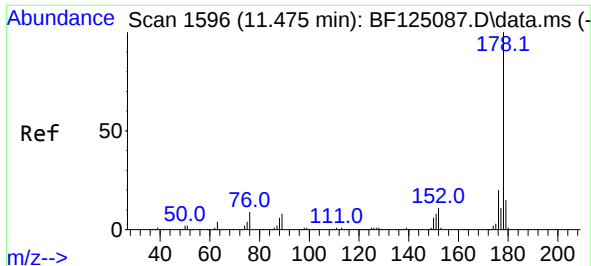


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125214.D
Acq: 25 Aug 2021 17:32



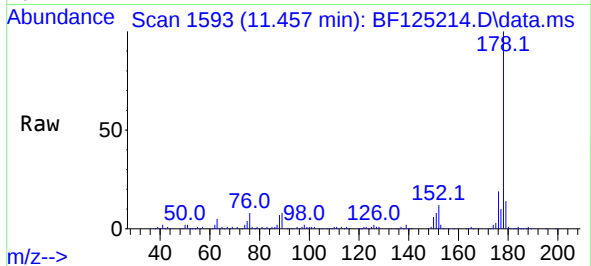
Tgt Ion:188 Resp: 357755
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 10.3 7.5 11.3





#71
Phenanthrene
Concen: 5.747 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF125214.D
Acq: 25 Aug 2021 17:32

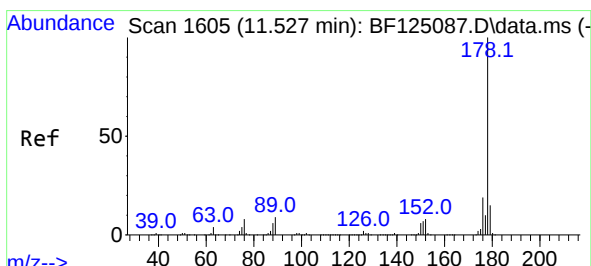
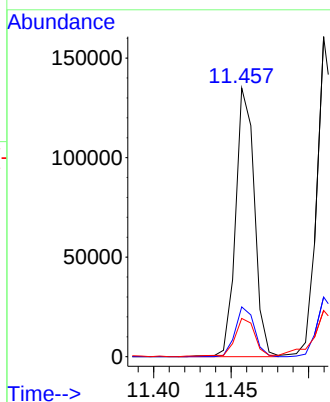
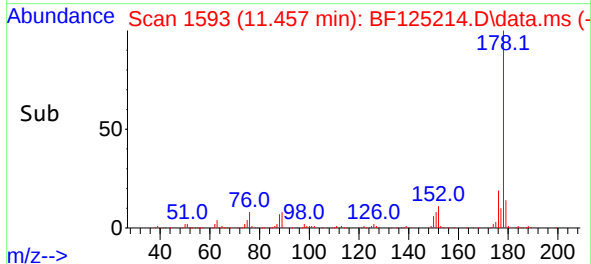
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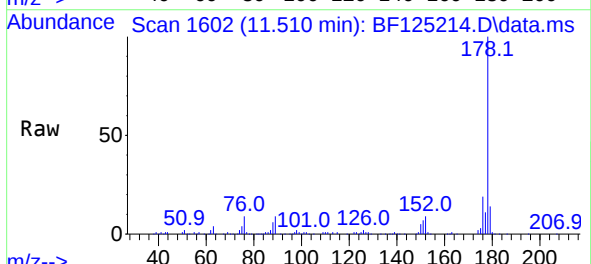
Tgt Ion:178 Resp: 113292
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 14.2 11.5 17.3

Manual Integrations
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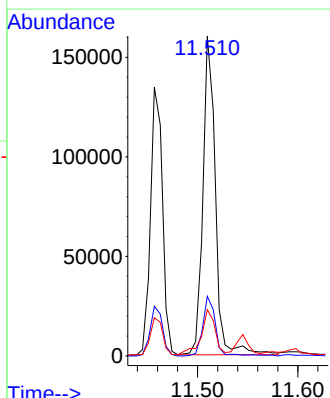
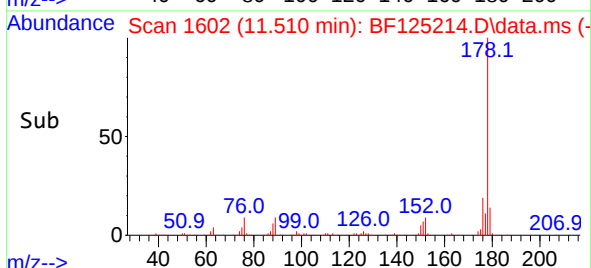
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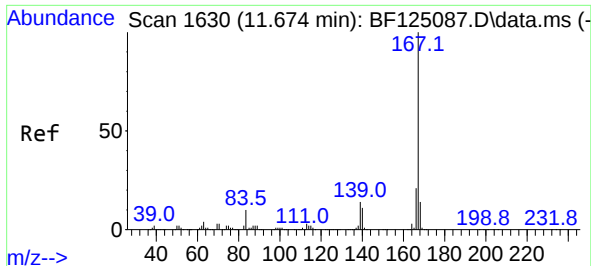


#72
Anthracene
Concen: 7.153 ng
RT: 11.510 min Scan# 1602
Delta R.T. -0.006 min
Lab File: BF125214.D
Acq: 25 Aug 2021 17:32



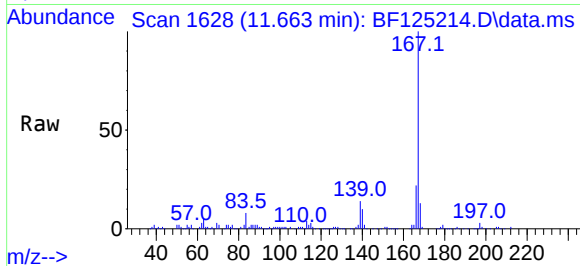
Tgt Ion:178 Resp: 138980
Ion Ratio Lower Upper
178 100
176 18.7 14.3 21.5
179 14.5 12.2 18.4





#73
 Carbazole
 Concen: 7.264 ng
 RT: 11.663 min Scan# 1628
 Delta R.T. -0.006 min
 Lab File: BF125214.D
 Acq: 25 Aug 2021 17:32

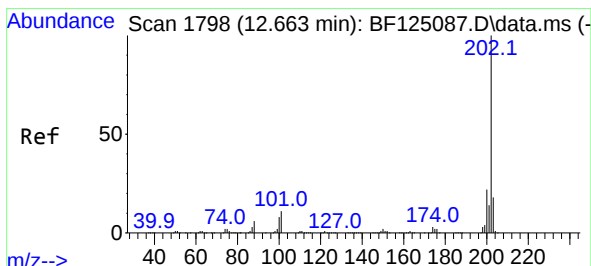
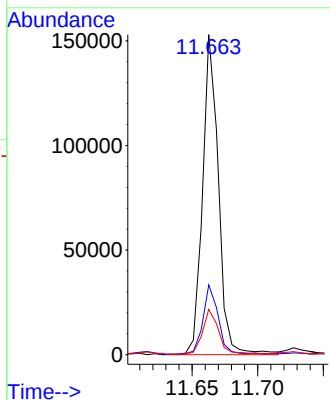
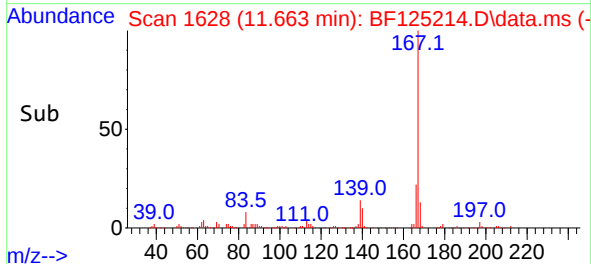
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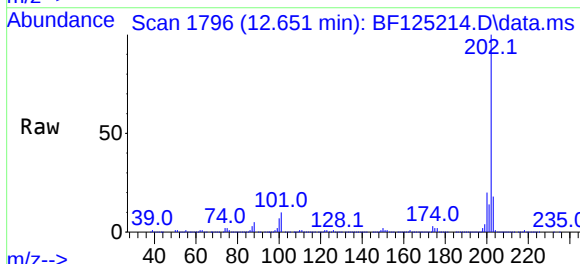
Tgt Ion:167 Resp: 128974
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 14.2 11.0 16.4

Manual Integrations
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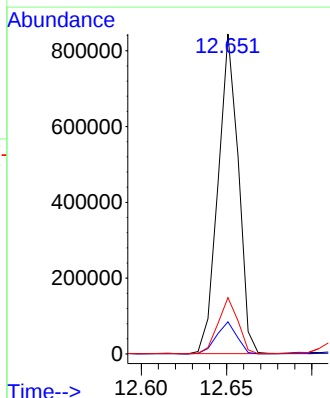
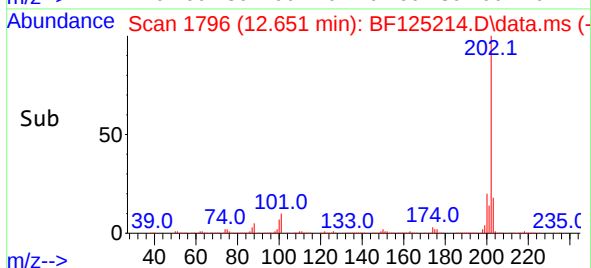
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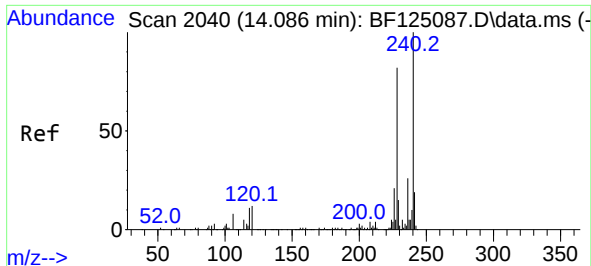


#75
 Fluoranthene
 Concen: 35.639 ng
 RT: 12.651 min Scan# 1796
 Delta R.T. 0.000 min
 Lab File: BF125214.D
 Acq: 25 Aug 2021 17:32



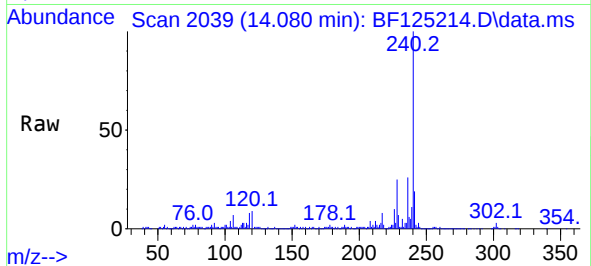
Tgt Ion:202 Resp: 697082
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 30.7
 203 17.6 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125214.D
Acq: 25 Aug 2021 17:32

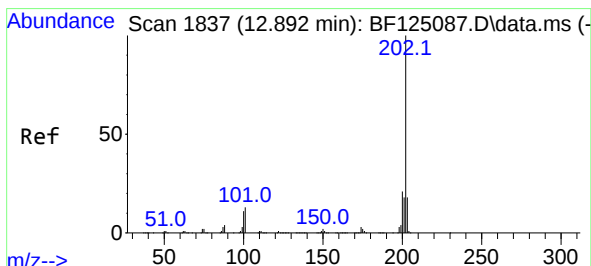
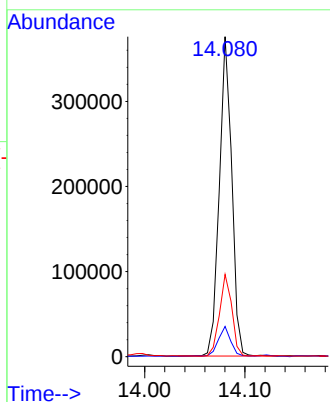
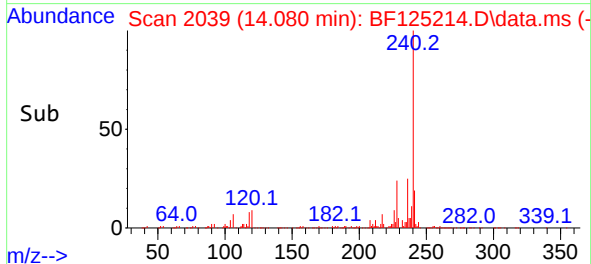
Instrument :
BNA_F
ClientSampleId :
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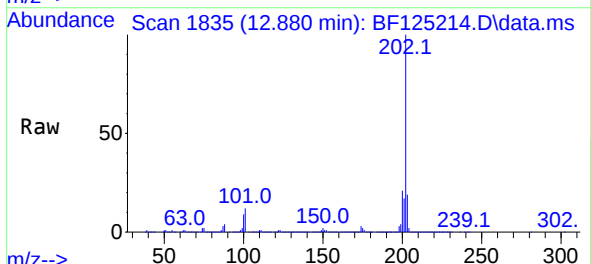
Tgt Ion:240 Resp: 322138
Ion Ratio Lower Upper
240 100
120 9.4 10.8 16.2#
236 25.7 21.6 32.4

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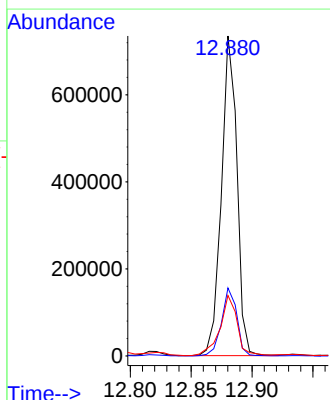
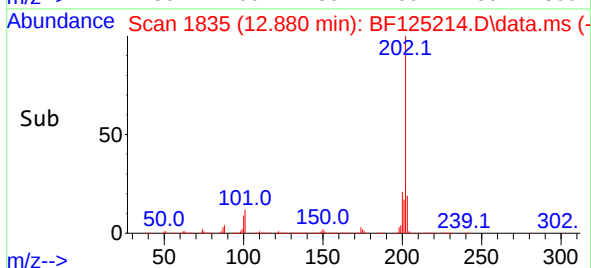
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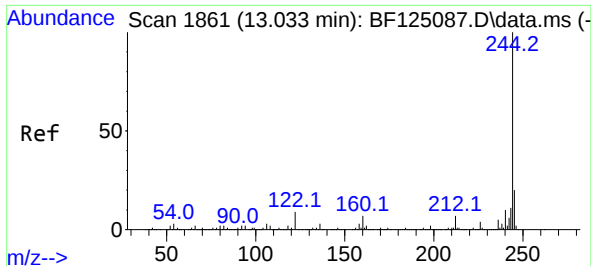


#78
Pyrene
Concen: 23.629 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF125214.D
Acq: 25 Aug 2021 17:32

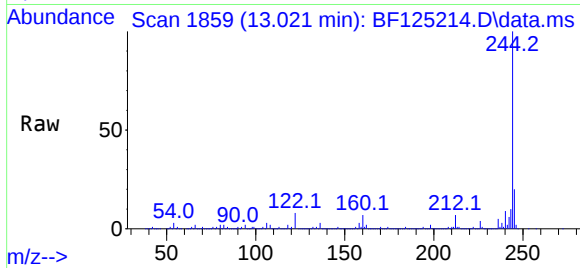


Tgt Ion:202 Resp: 652946
Ion Ratio Lower Upper
202 100
200 21.2 15.3 22.9
203 18.9 13.4 20.0

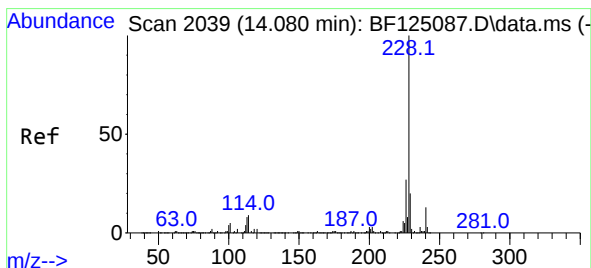
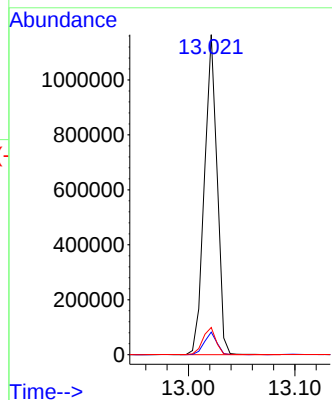
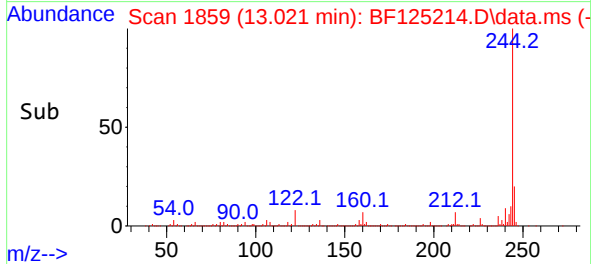




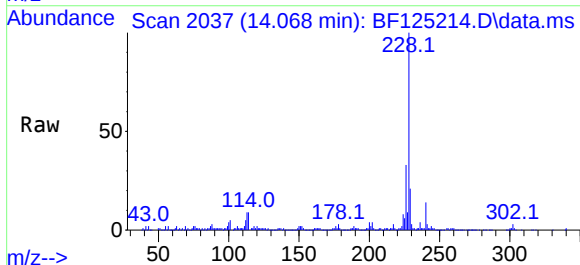
#79
Terphenyl-d14
Concen: 47.871 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF125214.D
Acq: 25 Aug 2021 17:32



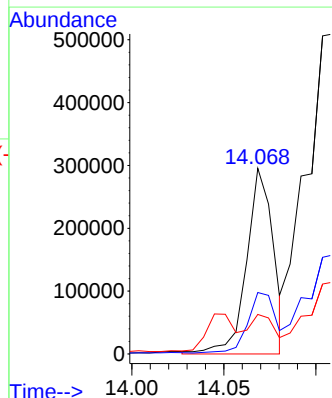
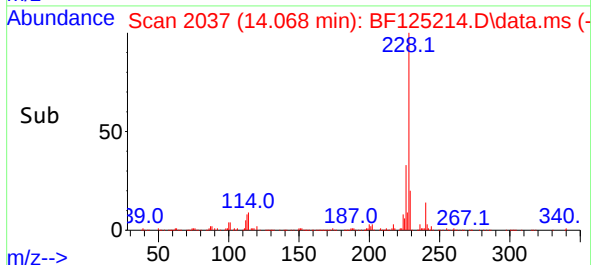
Tgt Ion:244 Resp: 967995
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 8.5 9.0 13.4#



#81
Benzo(a)anthracene
Concen: 12.898 ng m
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF125214.D
Acq: 25 Aug 2021 17:32



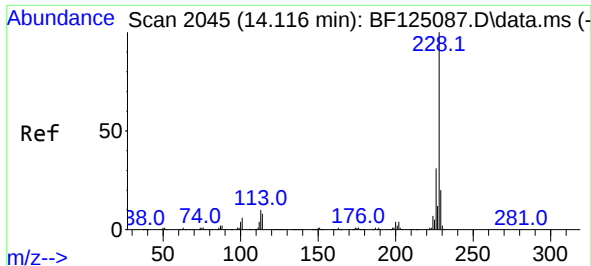
Tgt Ion:228 Resp: 299374
Ion Ratio Lower Upper
228 100
226 33.1 21.6 32.4#
229 21.3 15.6 23.4



Instrument :
BNA_F
ClientSampleId :
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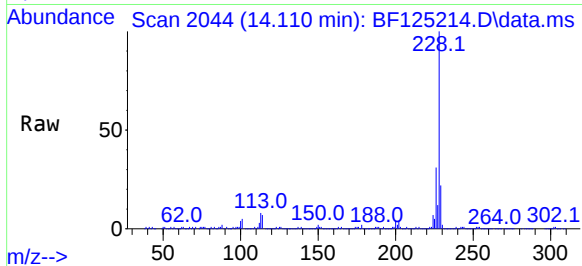
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#83
Chrysene
Concen: 28.777 ng
RT: 14.110 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BF125214.D
Acq: 25 Aug 2021 17:32

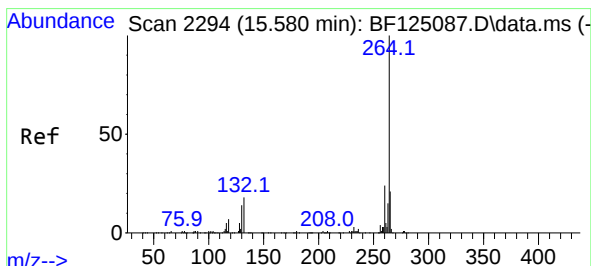
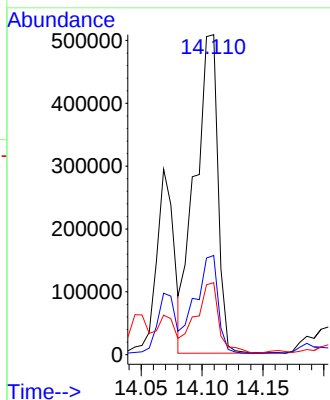
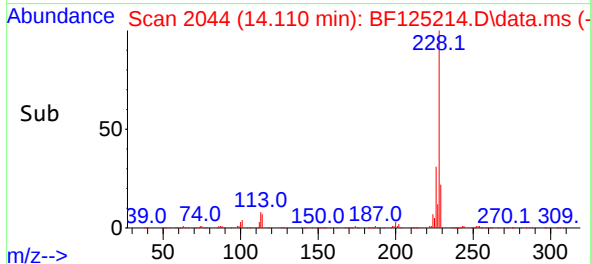
Instrument :
BNA_F
ClientSampleId :
SAMPLE-5-(184.50)



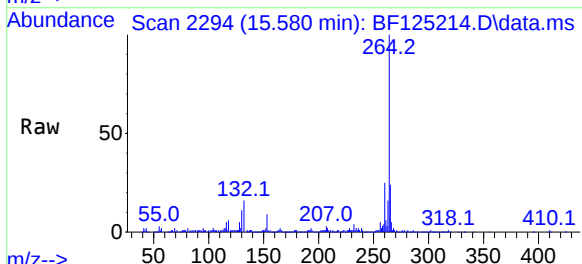
Tgt Ion:228 Resp: 660542
Ion Ratio Lower Upper
228 100
226 31.0 22.6 34.0
229 22.5 15.9 23.9

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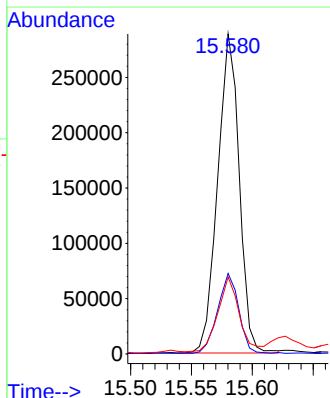
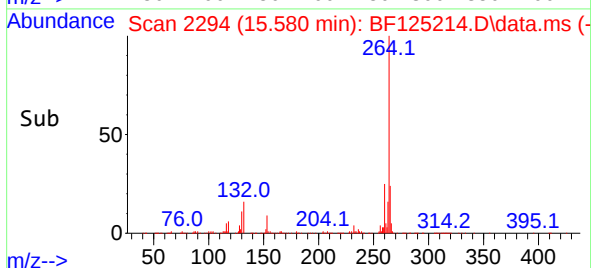
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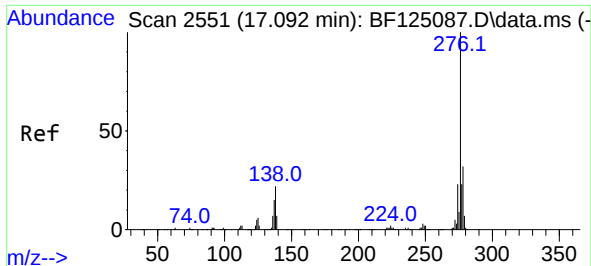


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.006 min
Lab File: BF125214.D
Acq: 25 Aug 2021 17:32

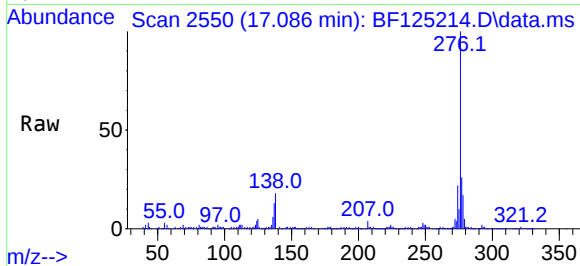


Tgt Ion:264 Resp: 356026
Ion Ratio Lower Upper
264 100
260 25.1 19.6 29.4
265 24.0 17.2 25.8

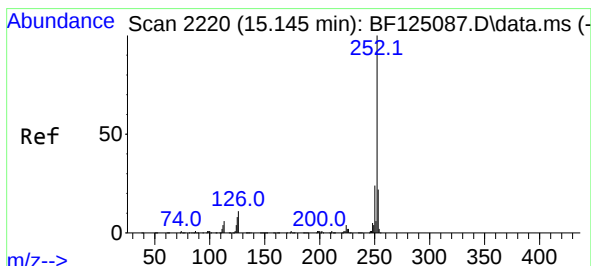
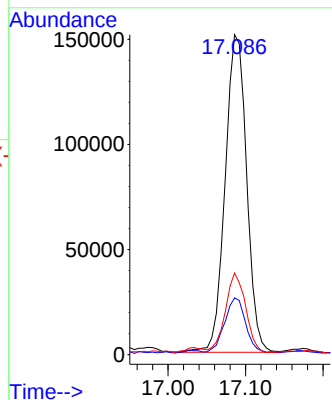
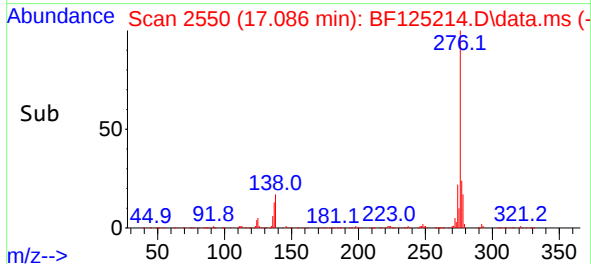




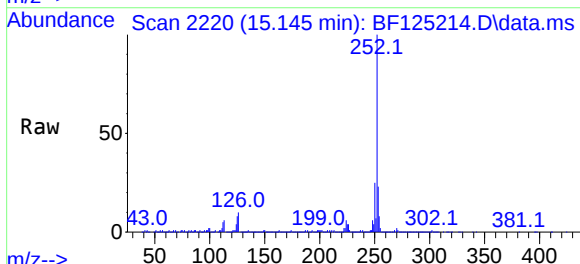
#87
Indeno(1,2,3-cd)pyrene
Concen: 11.393 ng
RT: 17.086 min Scan# 2550
Delta R.T. -0.006 min
Lab File: BF125214.D
Acq: 25 Aug 2021 17:32



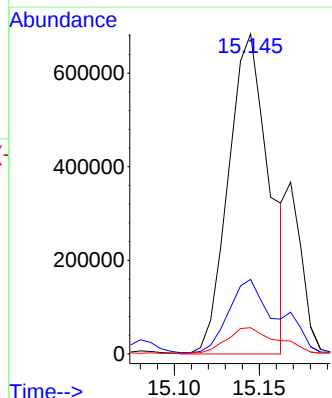
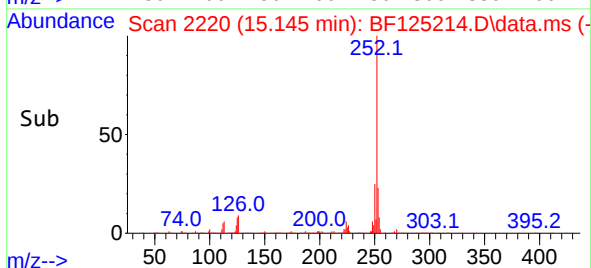
Tgt Ion: 276 Resp: 292224
Ion Ratio Lower Upper
276 100
138 17.2 24.1 36.1#
277 23.3 18.8 28.2



#88
Benzo(b)fluoranthene
Concen: 43.770 ng m
RT: 15.145 min Scan# 2220
Delta R.T. 0.012 min
Lab File: BF125214.D
Acq: 25 Aug 2021 17:32



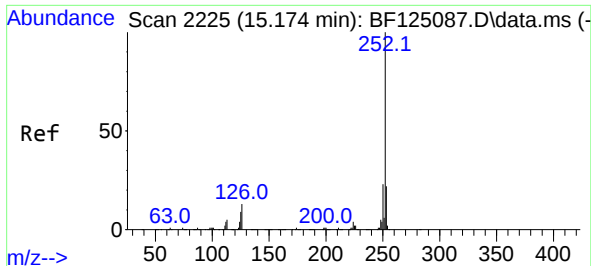
Tgt Ion: 252 Resp: 1138482
Ion Ratio Lower Upper
252 100
253 23.3 16.8 25.2
125 8.2 9.8 14.8#



Instrument :
BNA_F
ClientSampleId :
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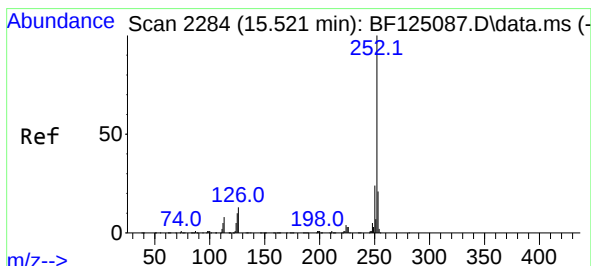
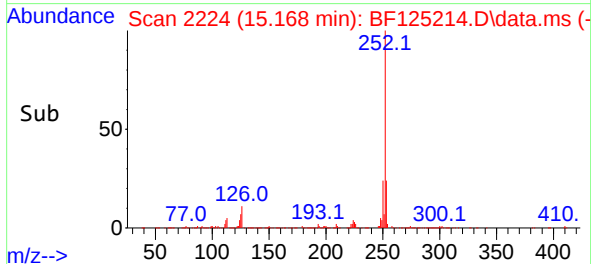
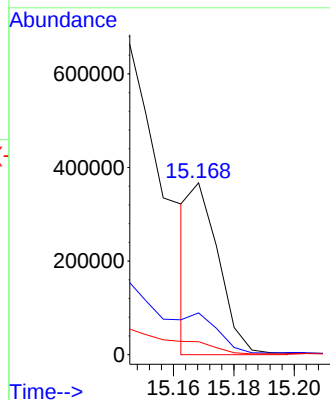
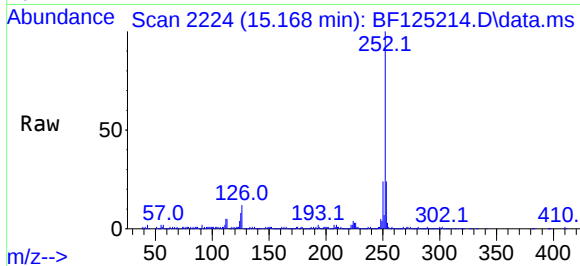
#89
Benzo(k)fluoranthene
Concen: 9.829 ng m
RT: 15.168 min Scan# 2224
Delta R.T. 0.000 min
Lab File: BF125214.D
Acq: 25 Aug 2021 17:32

Tgt Ion:252 Resp: 238572
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.8
125 7.6 7.2 10.8

Instrument :
BNA_F
ClientSampleId :
SAMPLE-5-(184.50)

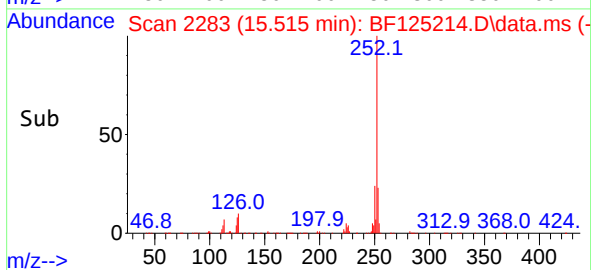
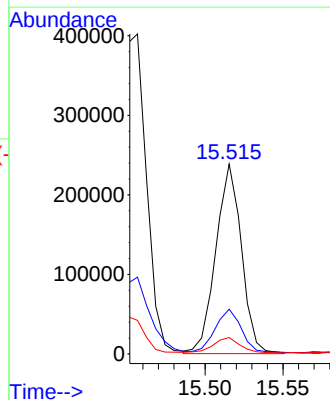
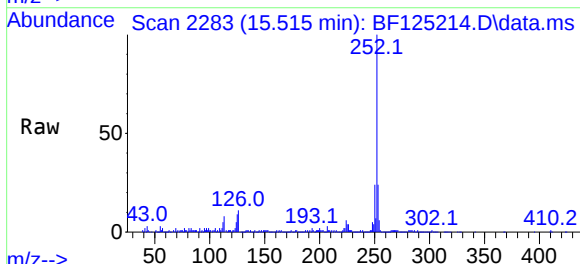
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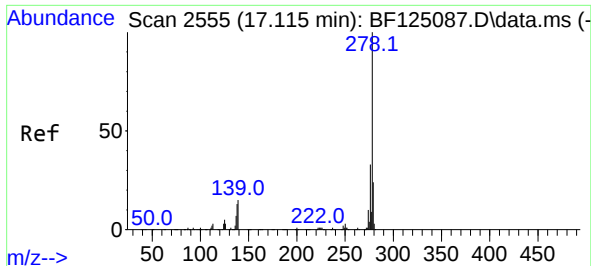
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#90
Benzo(a)pyrene
Concen: 11.873 ng m
RT: 15.515 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF125214.D
Acq: 25 Aug 2021 17:32

Tgt Ion:252 Resp: 272800
Ion Ratio Lower Upper
252 100
253 23.6 18.4 27.6
125 8.7 9.9 14.9#





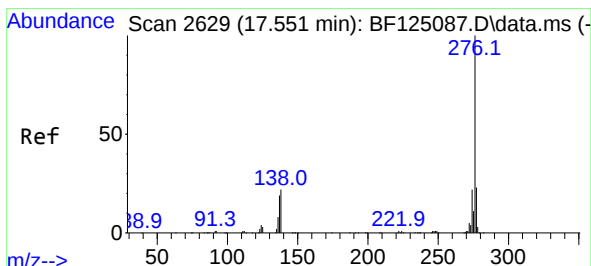
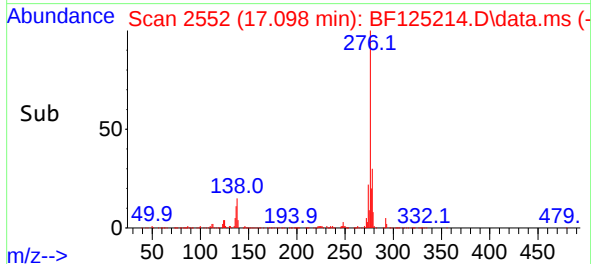
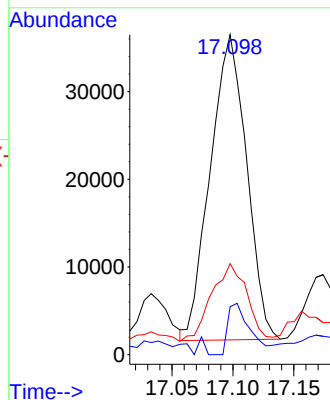
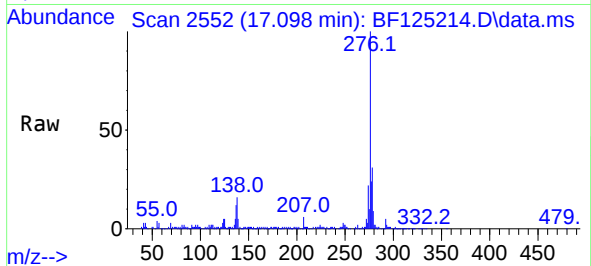
#91
Dibenzo(a,h)anthracene
Concen: 3.256 ng
RT: 17.098 min Scan# 2552
Delta R.T. -0.012 min
Lab File: BF125214.D
Acq: 25 Aug 2021 17:32

Tgt Ion:278 Resp: 72187
Ion Ratio Lower Upper
278 100
139 15.0 14.9 22.3
279 28.4 19.7 29.5

Instrument :
BNA_F
ClientSampleId :
SAMPLE-5-(184.50)

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#92
Benzo(g,h,i)perylene
Concen: 11.223 ng
RT: 17.545 min Scan# 2628
Delta R.T. -0.006 min
Lab File: BF125214.D
Acq: 25 Aug 2021 17:32

Tgt Ion:276 Resp: 239912
Ion Ratio Lower Upper
276 100
277 23.2 22.0 33.0
138 18.3 22.2 33.4#

