

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

Manual Integrations
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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						Qvalue
49) Acenaphthylene	9.786	152	93449	3.926	ng	97
58) Fluorene	10.474	166	45639	2.907	ng	99
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	644053m	38.515	ng	
89) Benzo(k)fluoranthene	15.151	252	156156m	10.007	ng	
90) Benzo(a)pyrene	15.504	252	419236m	28.382	ng	
91) Dibenzo(a,h)anthracene	17.080	278	59559m	4.179	ng	
92) Benzo(g,h,i)perylene	17.533	276	217680	15.839	ng	# 86

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

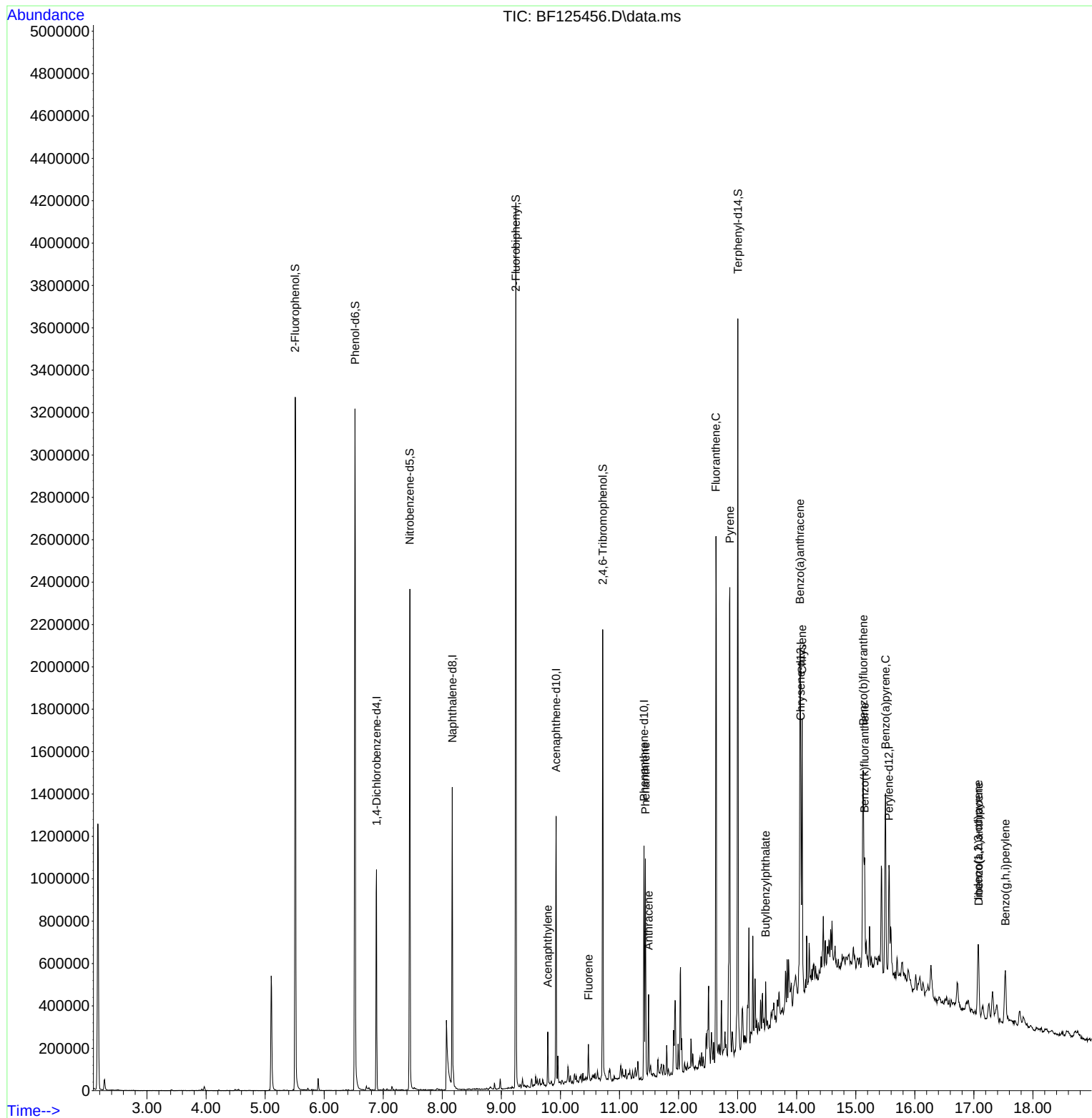
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125456.D
Acq On : 13 Sep 2021 21:53
Operator : JU/CG
Sample : M3719-01
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ALS Vial : 12 Sample Multiplier: 1

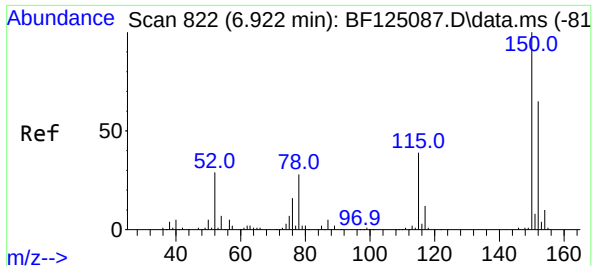
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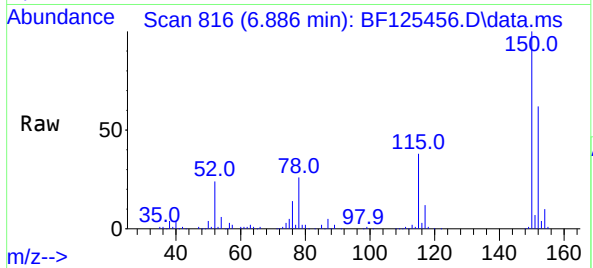
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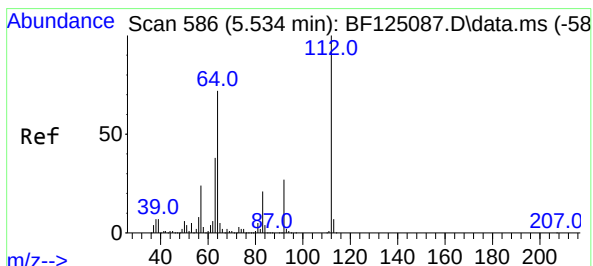
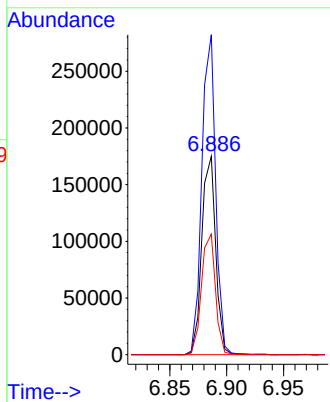
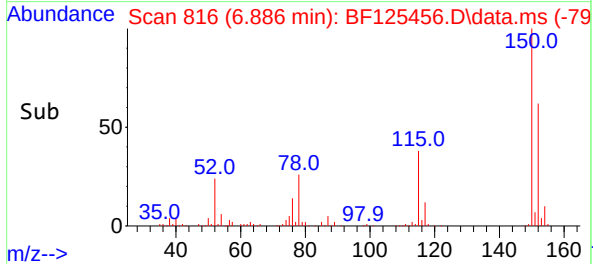




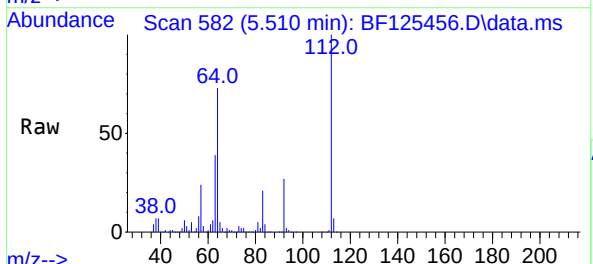
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53



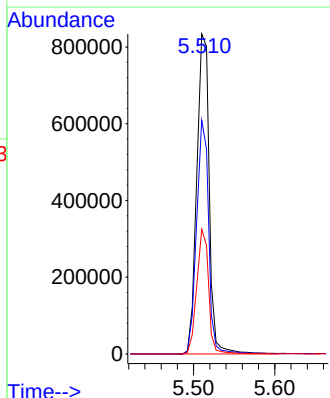
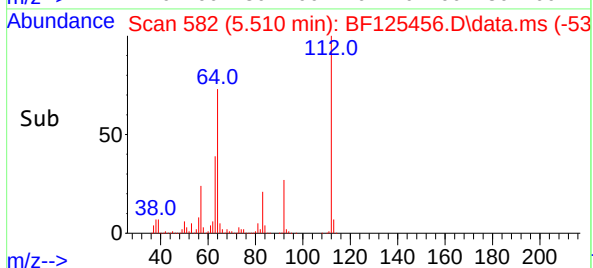
Tgt Ion:152 Resp: 149023
Ion Ratio Lower Upper
152 100
150 161.3 117.6 176.4
115 60.8 47.1 70.7



#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



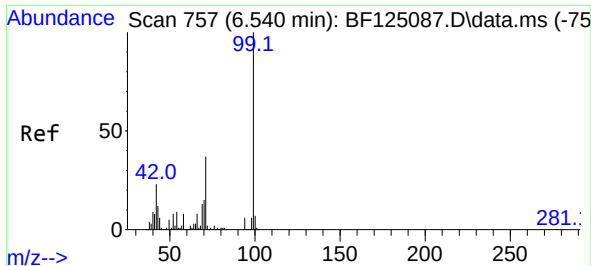
Tgt Ion:112 Resp: 896666
Ion Ratio Lower Upper
112 100
64 73.1 44.2 66.2#
63 39.0 26.2 39.2



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#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

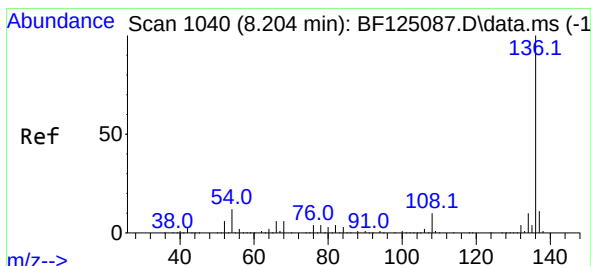
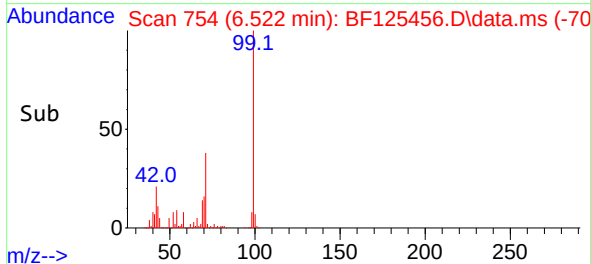
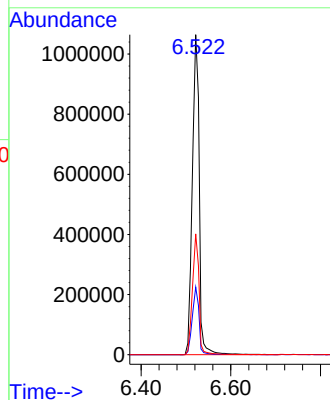
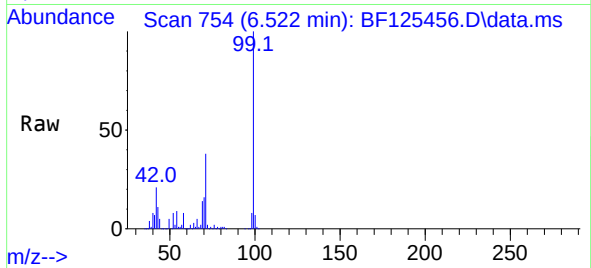
Tgt Ion: 99 Resp: 1135910

Ion	Ratio	Lower	Upper
99	100		
42	21.1	23.5	35.3#
71	37.7	25.6	38.4

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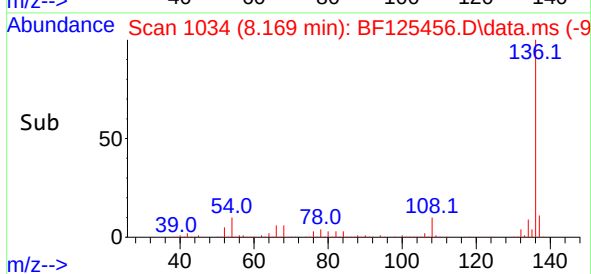
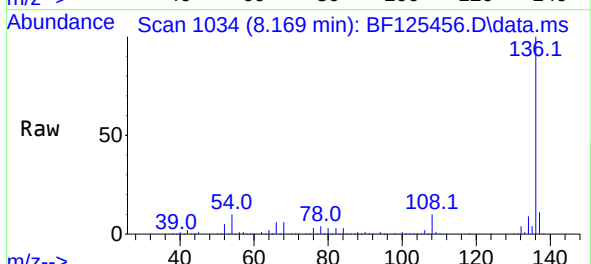
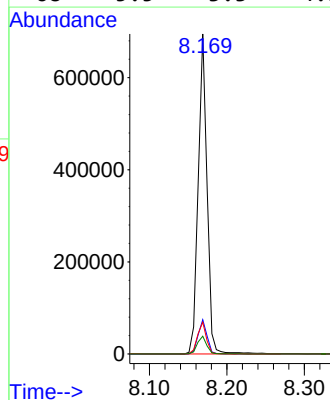
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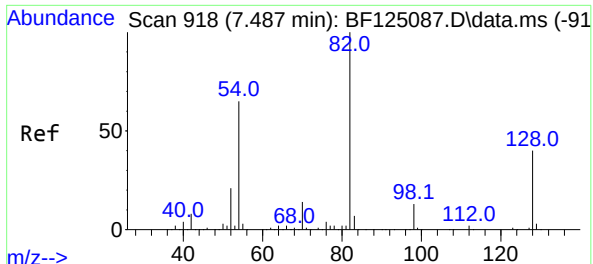


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

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#





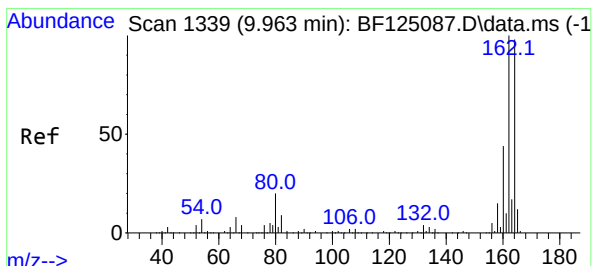
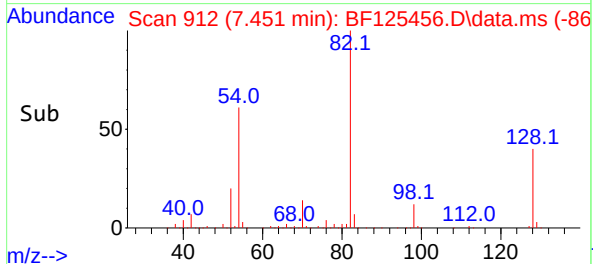
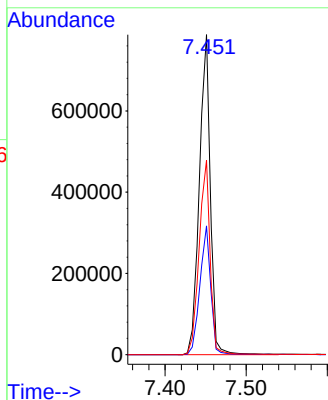
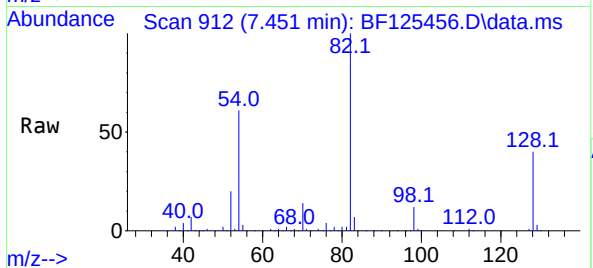
#23
Nitrobenzene-d5
Concen: 67.807 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

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

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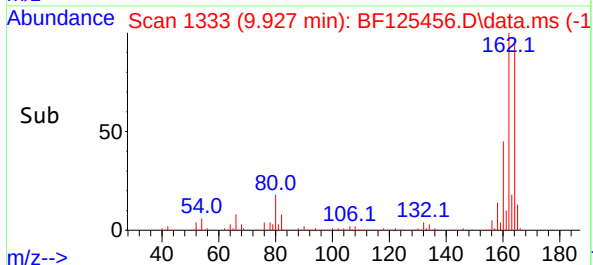
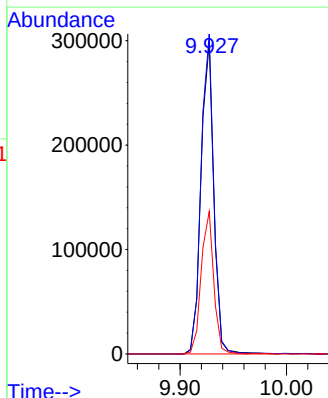
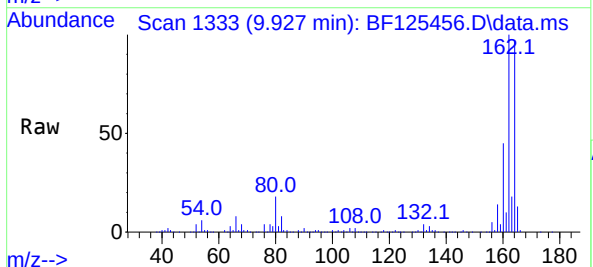
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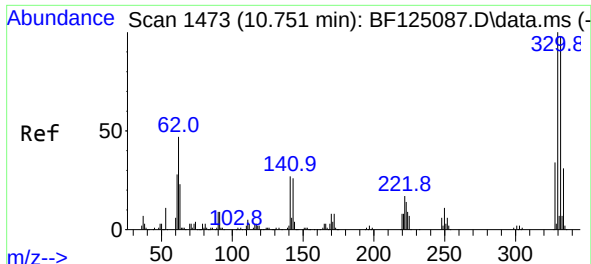
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

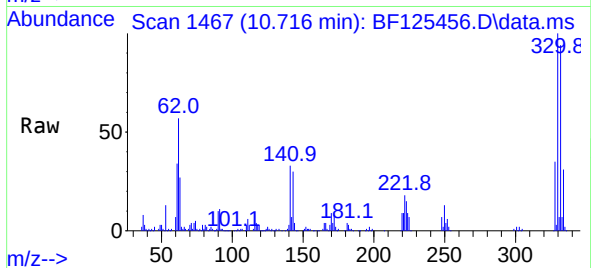
Tgt Ion:164 Resp: 249351
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 45.8 38.0 57.0





#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

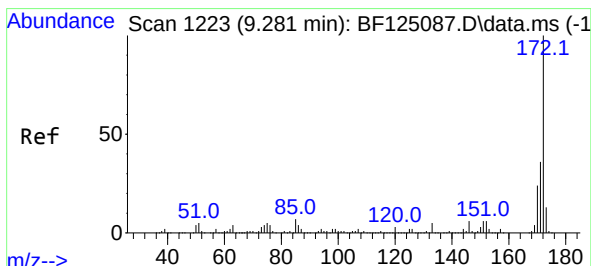
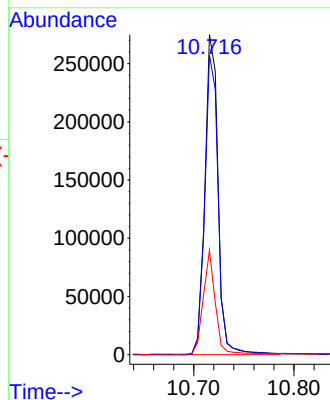
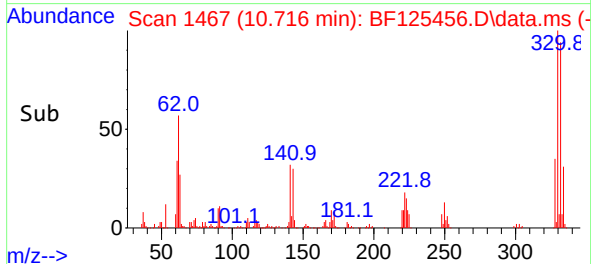
Instrument :
BNA_F
ClientSampleId :
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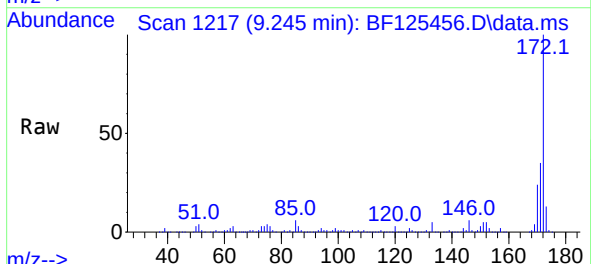
Tgt Ion:330 Resp: 253214
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 29.9 44.6 66.8#

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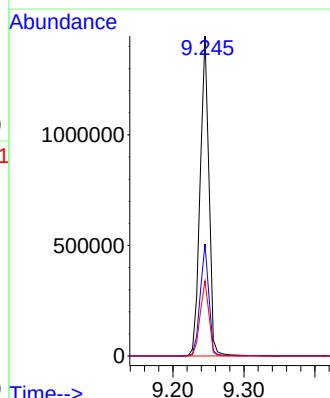
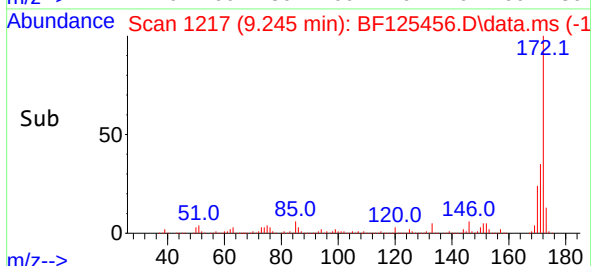
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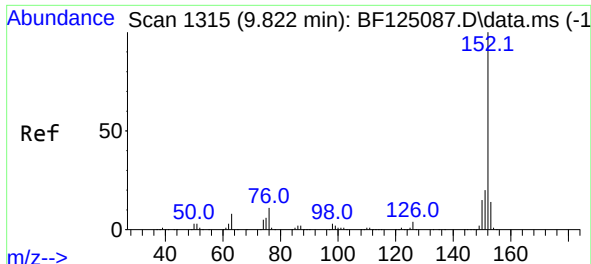


#45
2-Fluorobiphenyl
Concen: 70.160 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53



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





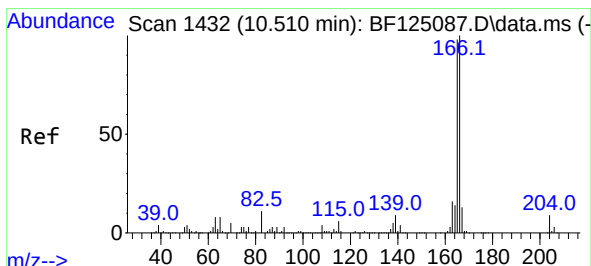
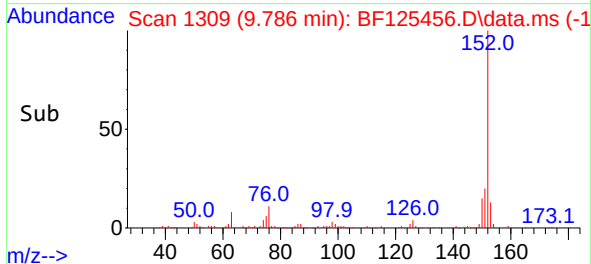
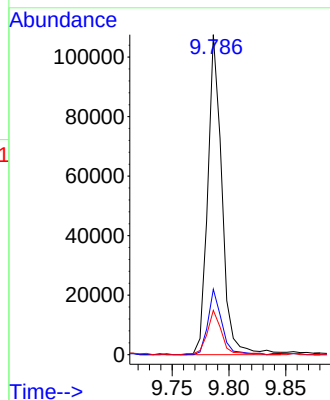
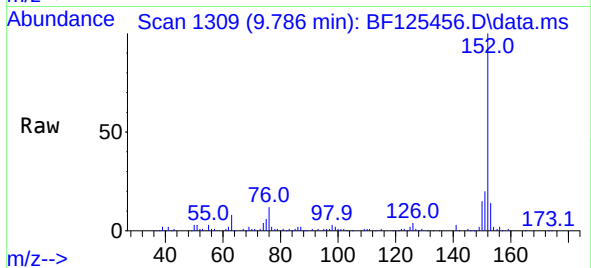
#49
Acenaphthylene
Concen: 3.926 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

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

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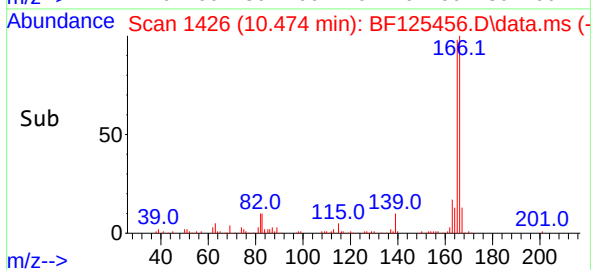
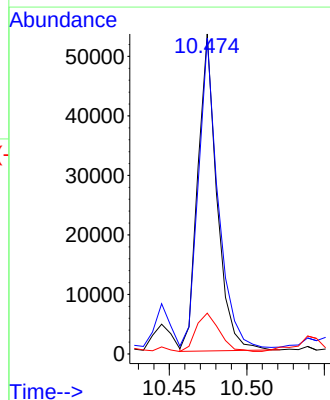
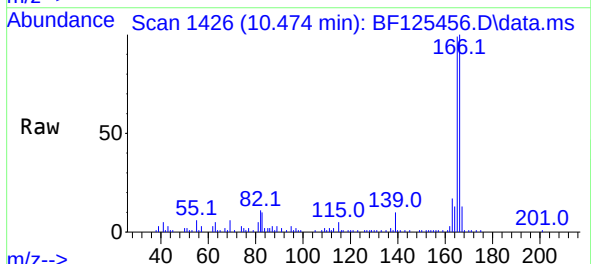
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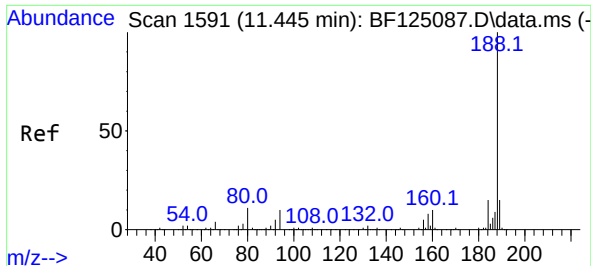
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#58
Fluorene
Concen: 2.907 ng
RT: 10.474 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

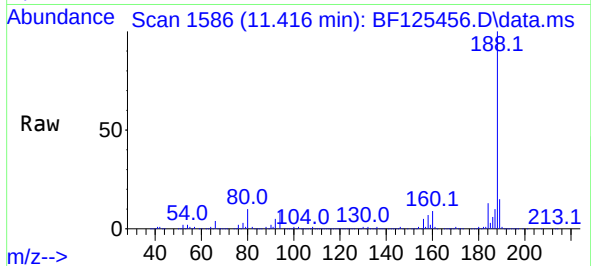
Tgt Ion:166	Resp:	45639
Ion Ratio	Lower	Upper
166	100	
165	98.6	78.1 117.1
167	12.7	11.1 16.7





#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

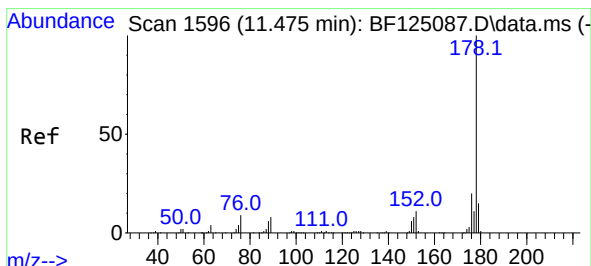
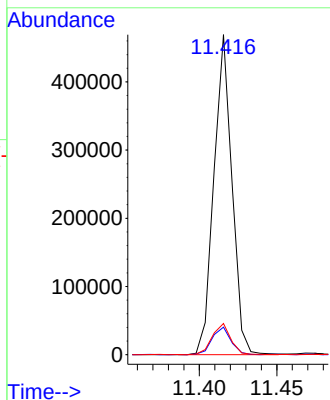
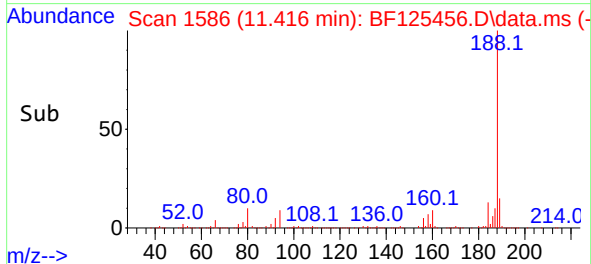
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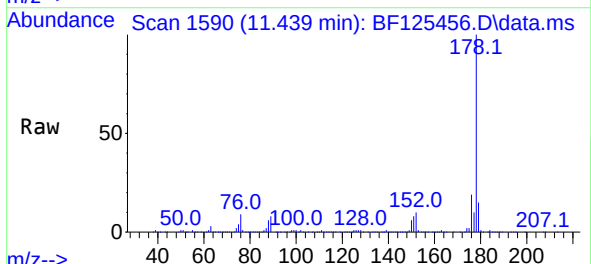
Tgt Ion:188 Resp: 380602
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.7 7.5 11.3

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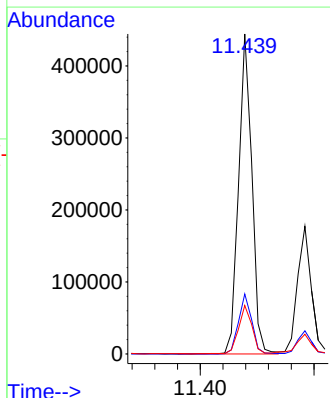
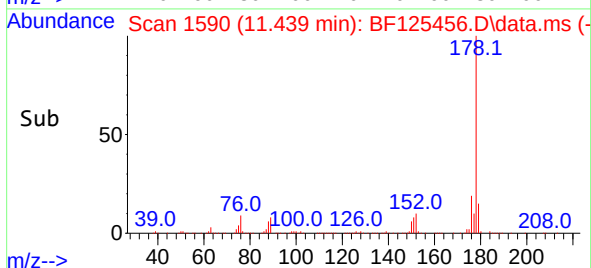
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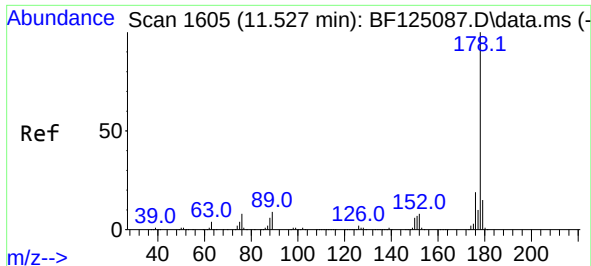


#71
Phenanthrene
Concen: 17.191 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.012 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53



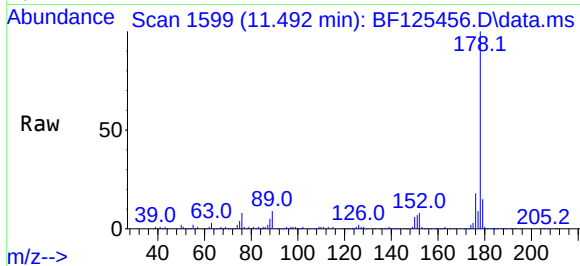
Tgt Ion:178 Resp: 360518
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.2 11.5 17.3





#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

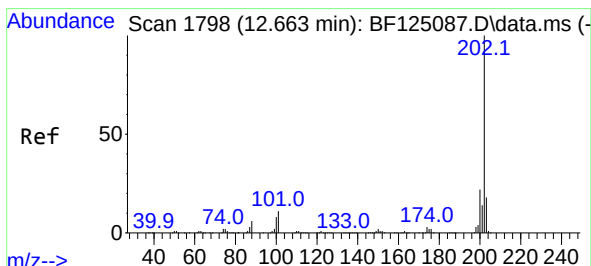
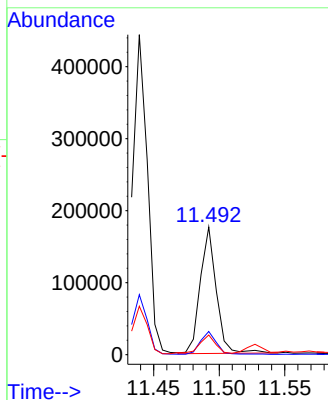
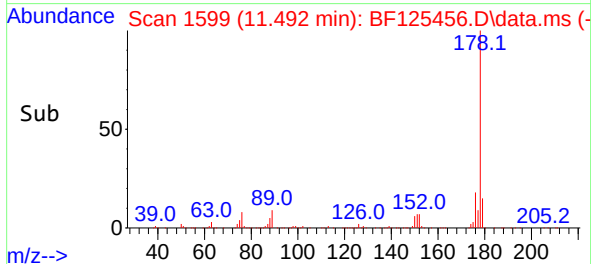
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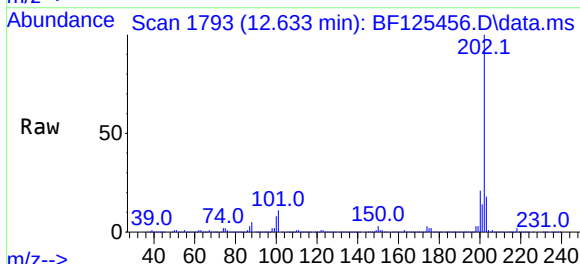
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 Ion Ratio Lower Upper
 178 100
 176 18.2 14.3 21.5
 179 15.4 12.2 18.4

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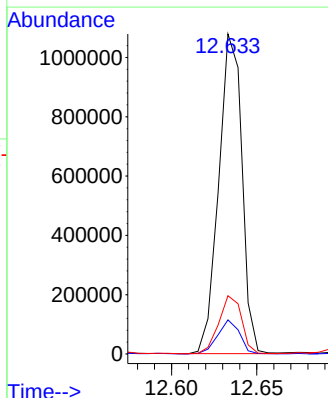
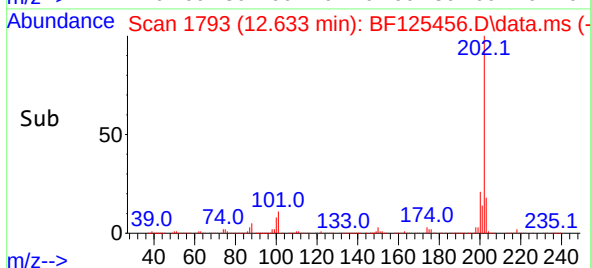
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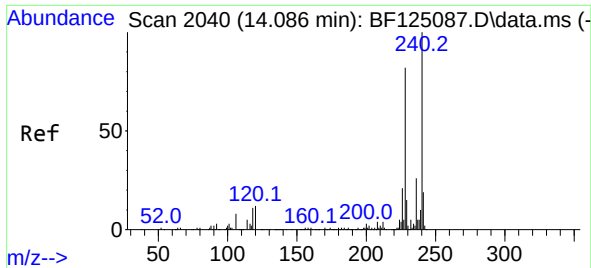


#75
 Fluoranthene
 Concen: 49.135 ng
 RT: 12.633 min Scan# 1793
 Delta R.T. -0.006 min
 Lab File: BF125456.D
 Acq: 13 Sep 2021 21:53



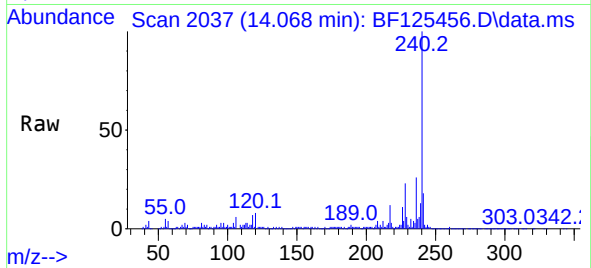
Tgt Ion:202 Resp: 1022434
 Ion Ratio Lower Upper
 202 100
 101 10.7 0.0 30.7
 203 18.2 0.0 36.3





#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

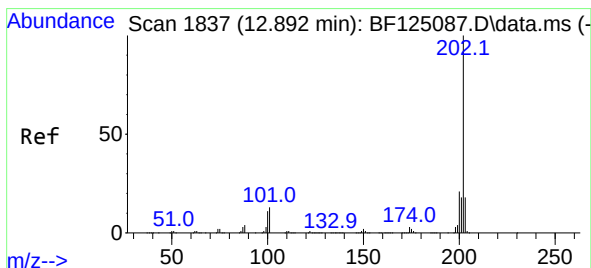
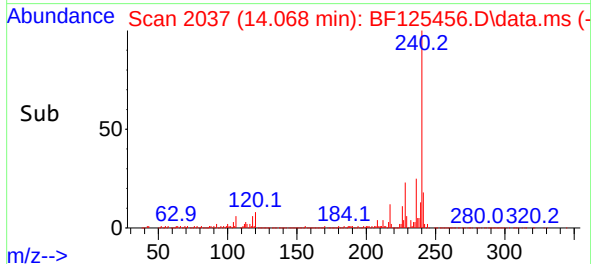
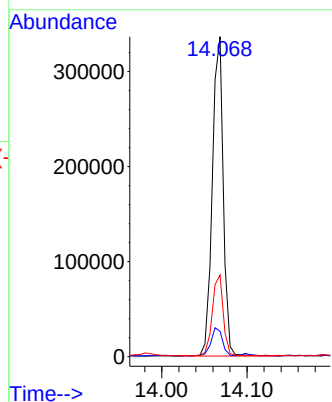
Instrument :
BNA_F
ClientSampleId :
SU-01-091021



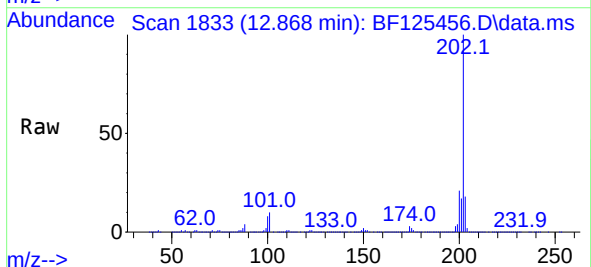
Tgt Ion:240 Resp: 299808
Ion Ratio Lower Upper
240 100
120 8.0 10.8 16.2#
236 25.6 21.6 32.4

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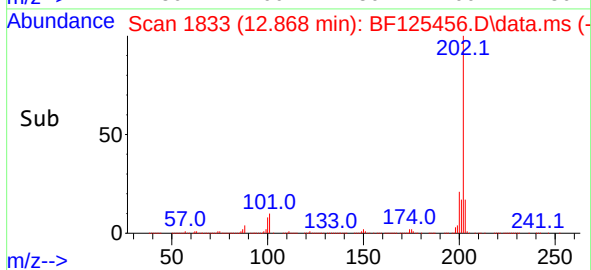
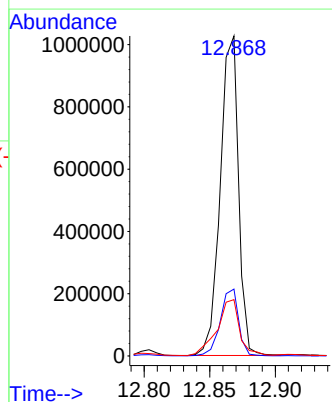
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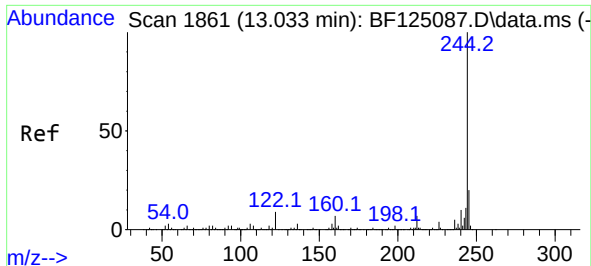


#78
Pyrene
Concen: 38.637 ng
RT: 12.868 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

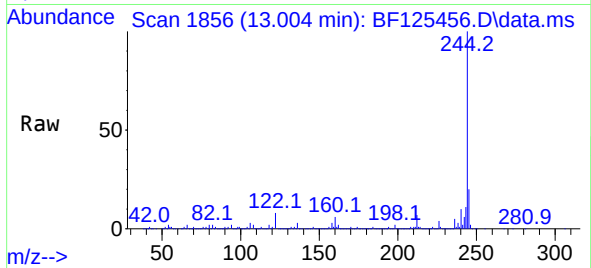


Tgt Ion:202 Resp: 993644
Ion Ratio Lower Upper
202 100
200 20.9 15.3 22.9
203 17.6 13.4 20.0

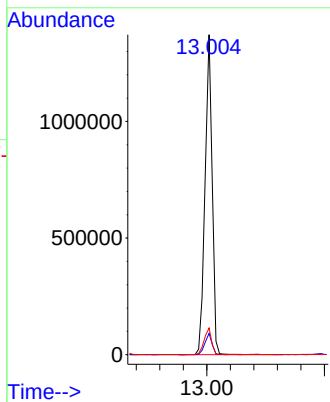
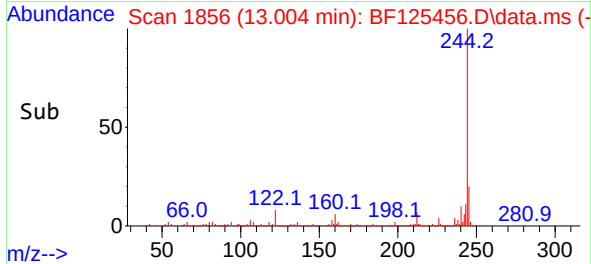




#79
Terphenyl-d14
Concen: 61.044 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53



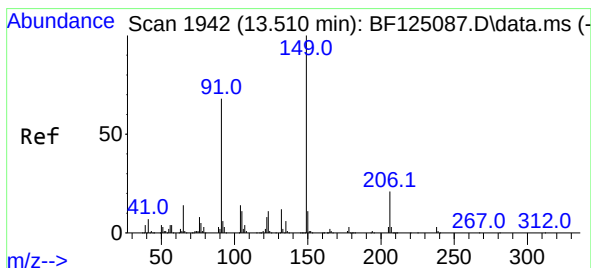
Tgt Ion:244 Resp: 1148809
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 8.3 9.0 13.4#



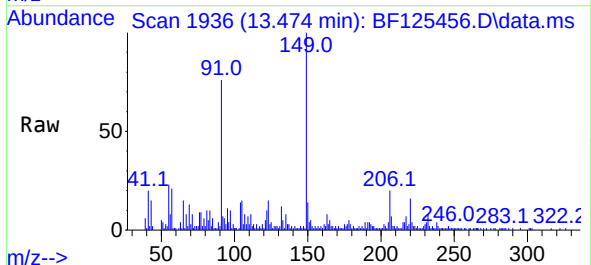
Instrument :
BNA_F
ClientSampleId :
SU-01-091021

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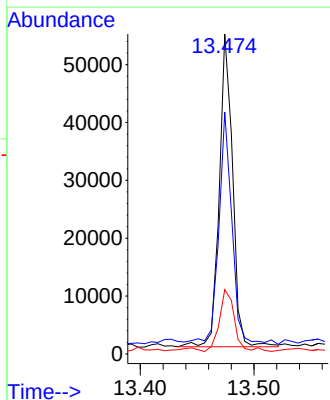
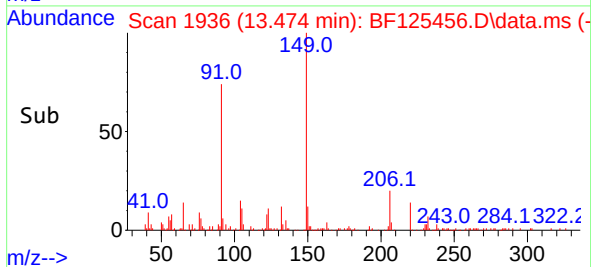
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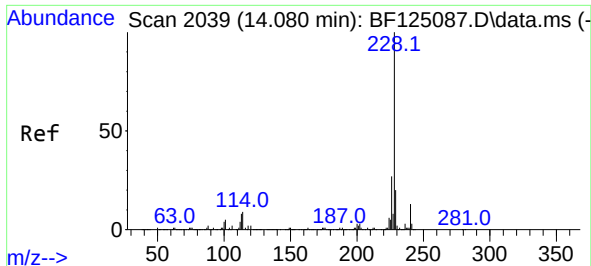


#80
Butylbenzylphthalate
Concen: 4.374 ng
RT: 13.474 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53



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





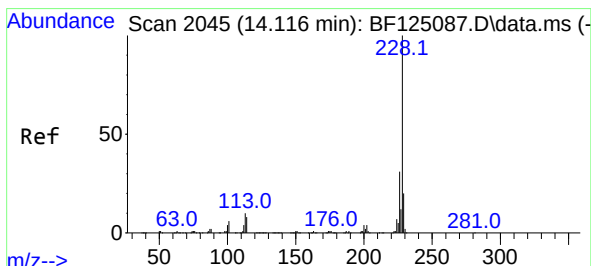
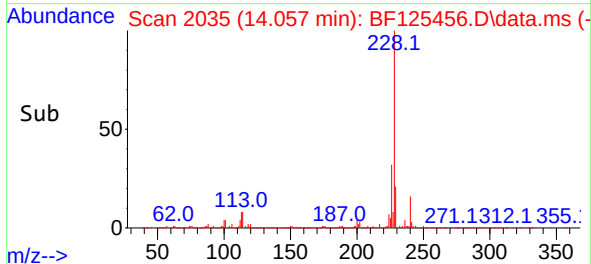
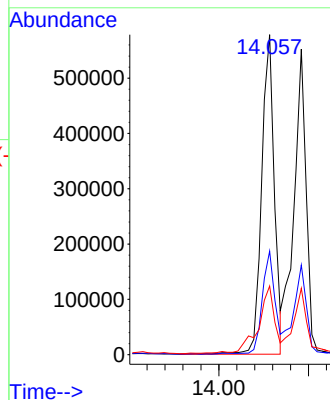
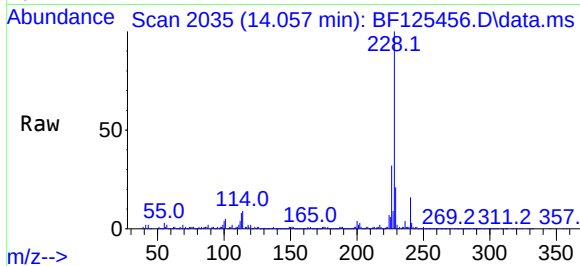
#81
Benzo(a)anthracene
Concen: 26.238 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

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

Instrument :
BNA_F
ClientSampleId :
SU-01-091021

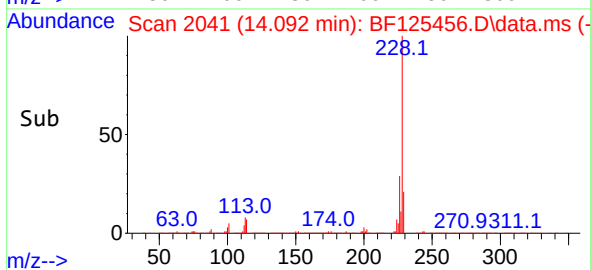
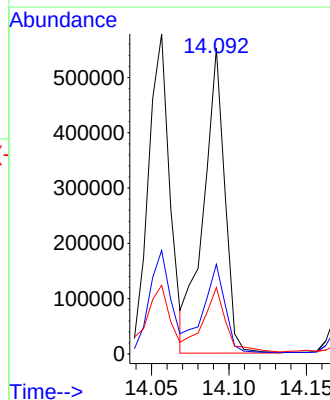
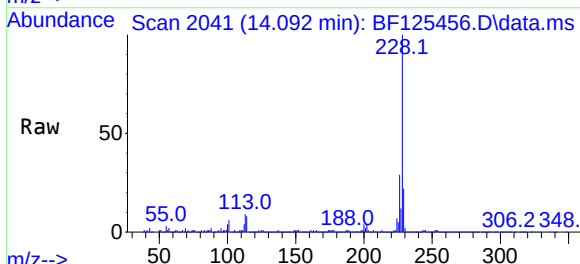
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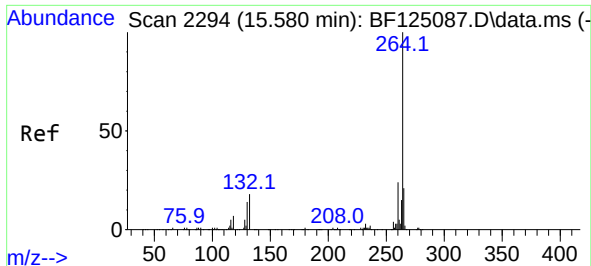
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#83
Chrysene
Concen: 24.604 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.012 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

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





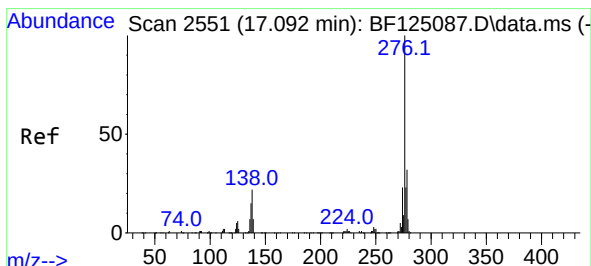
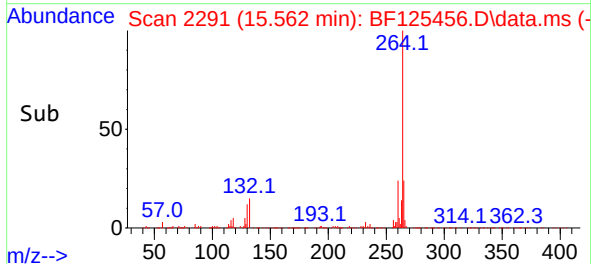
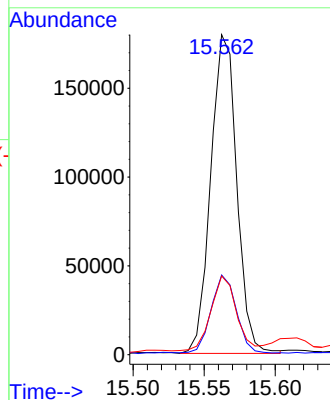
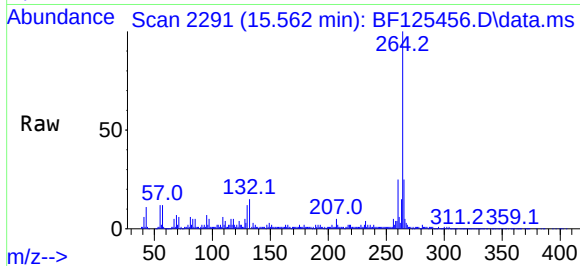
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

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

Instrument :
BNA_F
ClientSampleId :
SU-01-091021

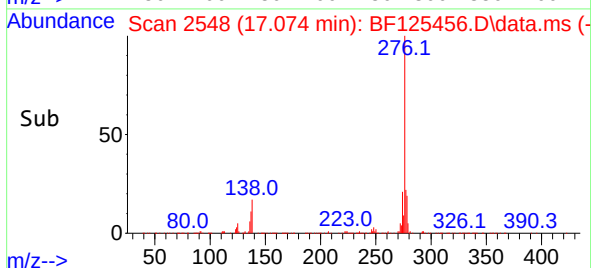
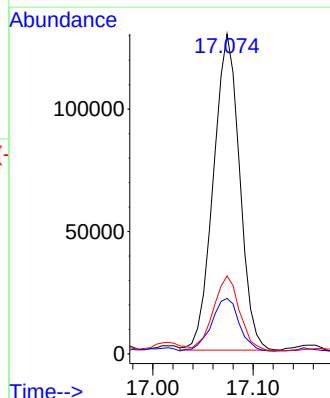
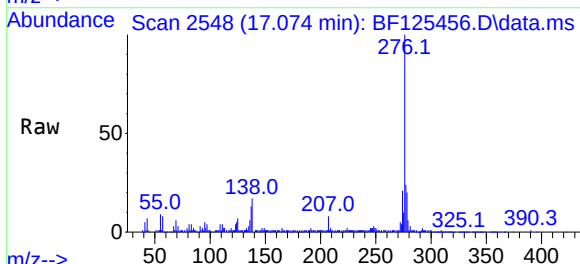
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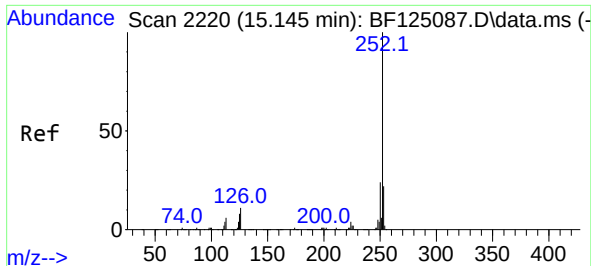
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#87
Indeno(1,2,3-cd)pyrene
Concen: 14.246 ng
RT: 17.074 min Scan# 2548
Delta R.T. -0.012 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

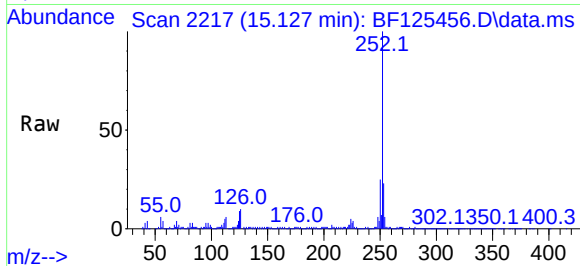
Tgt Ion: 276 Resp: 234917
Ion Ratio Lower Upper
276 100
138 17.9 24.1 36.1#
277 23.7 18.8 28.2





#88
Benzo(b)fluoranthene
Concen: 38.515 ng m
RT: 15.127 min Scan# 2217
Delta R.T. 0.000 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

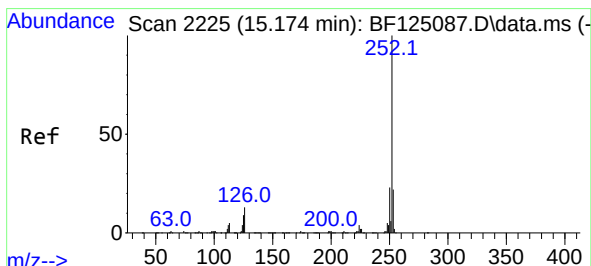
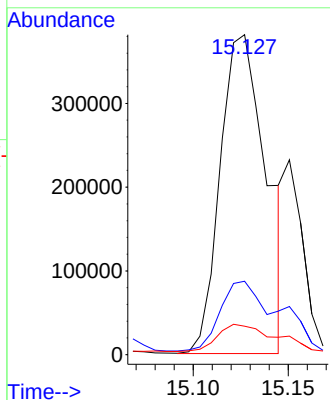
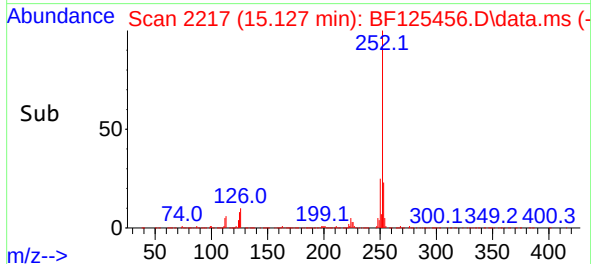
Instrument :
BNA_F
ClientSampleId :
SU-01-091021



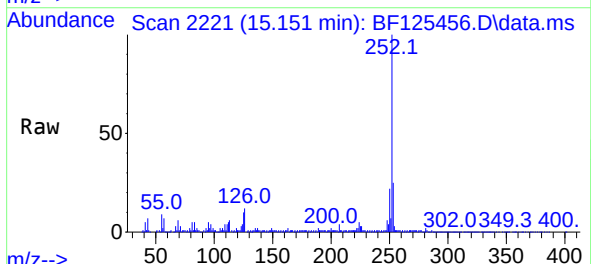
Tgt Ion:252 Resp: 644053
Ion Ratio Lower Upper
252 100
253 23.0 16.8 25.2
125 8.9 9.8 14.8#

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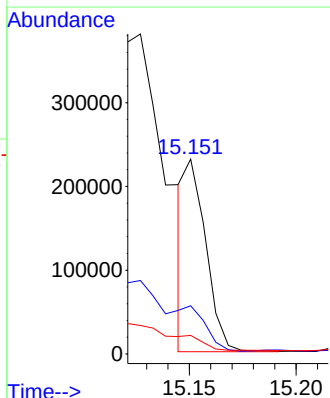
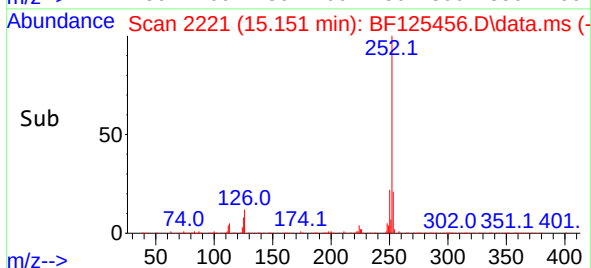
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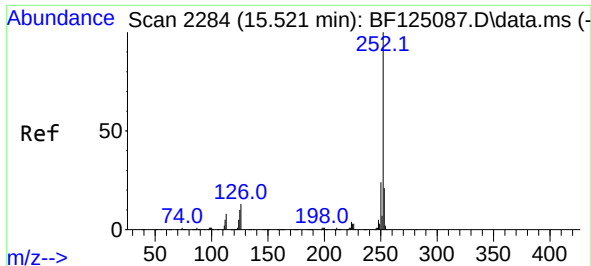


#89
Benzo(k)fluoranthene
Concen: 10.007 ng m
RT: 15.151 min Scan# 2221
Delta R.T. -0.012 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53



Tgt Ion:252 Resp: 156156
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.8
125 9.5 7.2 10.8





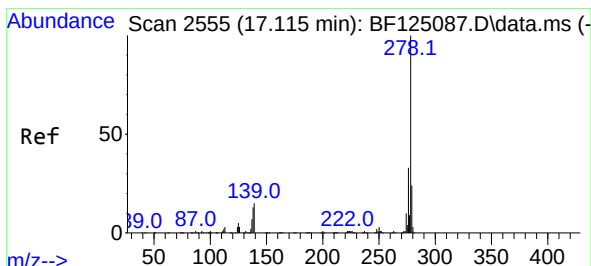
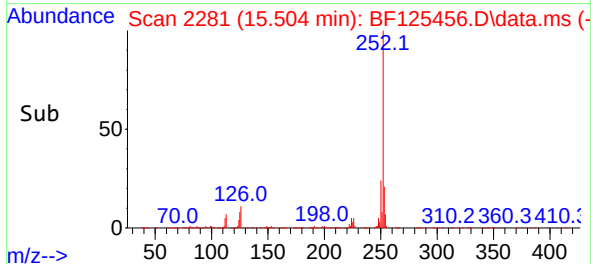
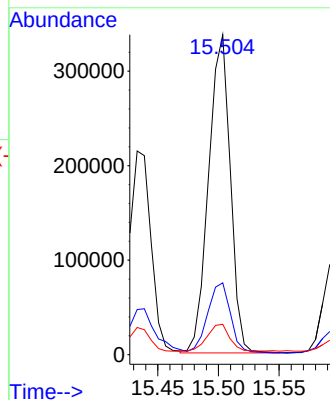
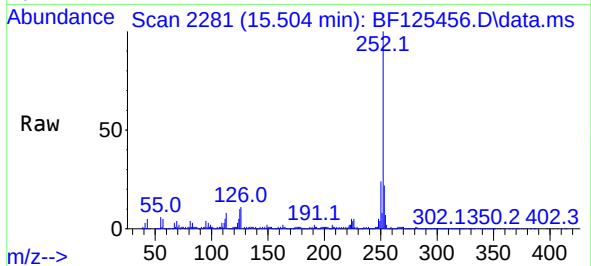
#90
Benzo(a)pyrene
Concen: 28.382 ng m
RT: 15.504 min Scan# 2281
Delta R.T. -0.006 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

Tgt Ion:252 Resp: 419236
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 9.5 9.9 14.9#

Instrument :
BNA_F
ClientSampleId :
SU-01-091021

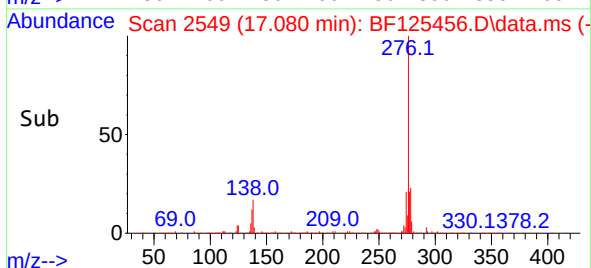
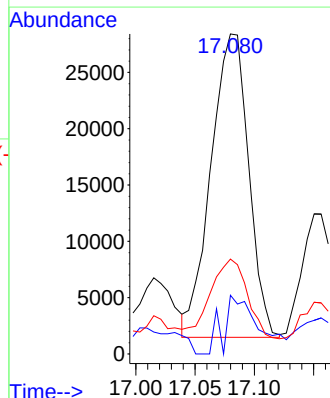
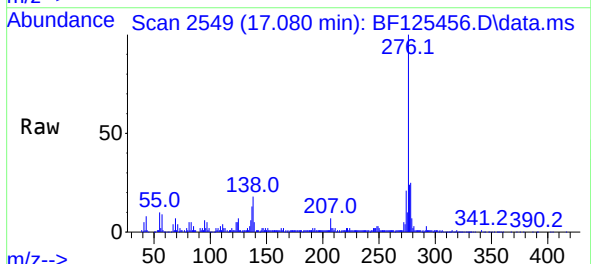
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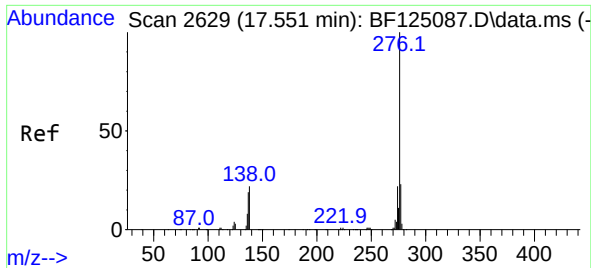
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#91
Dibenzo(a,h)anthracene
Concen: 4.179 ng m
RT: 17.080 min Scan# 2549
Delta R.T. -0.023 min
Lab File: BF125456.D
Acq: 13 Sep 2021 21:53

Tgt Ion:278 Resp: 59559
Ion Ratio Lower Upper
278 100
139 18.3 14.9 22.3
279 29.7 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

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#

Instrument :
BNA_F
ClientSampleId :
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