

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
 Data File : BF125463.D
 Acq On : 14 Sep 2021 1:38
 Operator : JU/CG
 Sample : M3719-03 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-091021

Manual Integrations
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Quant Time: Sep 14 03:32:52 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	147852	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	521700	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	238531	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	416426	20.000	ng	0.00
76) Chrysene-d12	14.080	240	237717	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	200568	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	471798	48.299	ng	0.00
7) Phenol-d6	6.522	99	577470	45.710	ng	-0.01
23) Nitrobenzene-d5	7.451	82	342834	33.083	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	123487	51.862	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	593834	34.698	ng	0.00
79) Terphenyl-d14	13.010	244	592438	39.703	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.192	128	146003	5.465	ng	97
37) 2-Methylnaphthalene	8.886	142	64579	3.658	ng	99
38) 1-Methylnaphthalene	8.980	142	71951	4.364	ng	95
49) Acenaphthylene	9.792	152	249430	10.953	ng	99
52) Acenaphthene	9.963	154	122161	8.653	ng	98
55) Dibenzofuran	10.133	168	195347	9.615	ng	95
58) Fluorene	10.480	166	261456	17.407	ng	99
71) Phenanthrene	11.451	178	2238435	97.555	ng	96
72) Anthracene	11.498	178	822946	36.387	ng	99
73) Carbazole	11.651	167	147551	7.139	ng	100
75) Fluoranthene	12.657	202	3578221	157.164	ng	95
78) Pyrene	12.886	202	3053243	149.732	ng	93
81) Benzo(a)anthracene	14.068	228	1742671	101.745	ng	95
83) Chrysene	14.110	228	1348413	79.607	ng	95
87) Indeno(1,2,3-cd)pyrene	17.103	276	697201	48.252	ng	# 87
88) Benzo(b)fluoranthene	15.145	252	1659917m	113.281	ng	
89) Benzo(k)fluoranthene	15.168	252	559873m	40.946	ng	
90) Benzo(a)pyrene	15.521	252	1195189m	92.338	ng	
91) Dibenzo(a,h)anthracene	17.109	278	182994	14.651	ng	95
92) Benzo(g,h,i)perylene	17.568	276	666408	55.336	ng	# 88

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

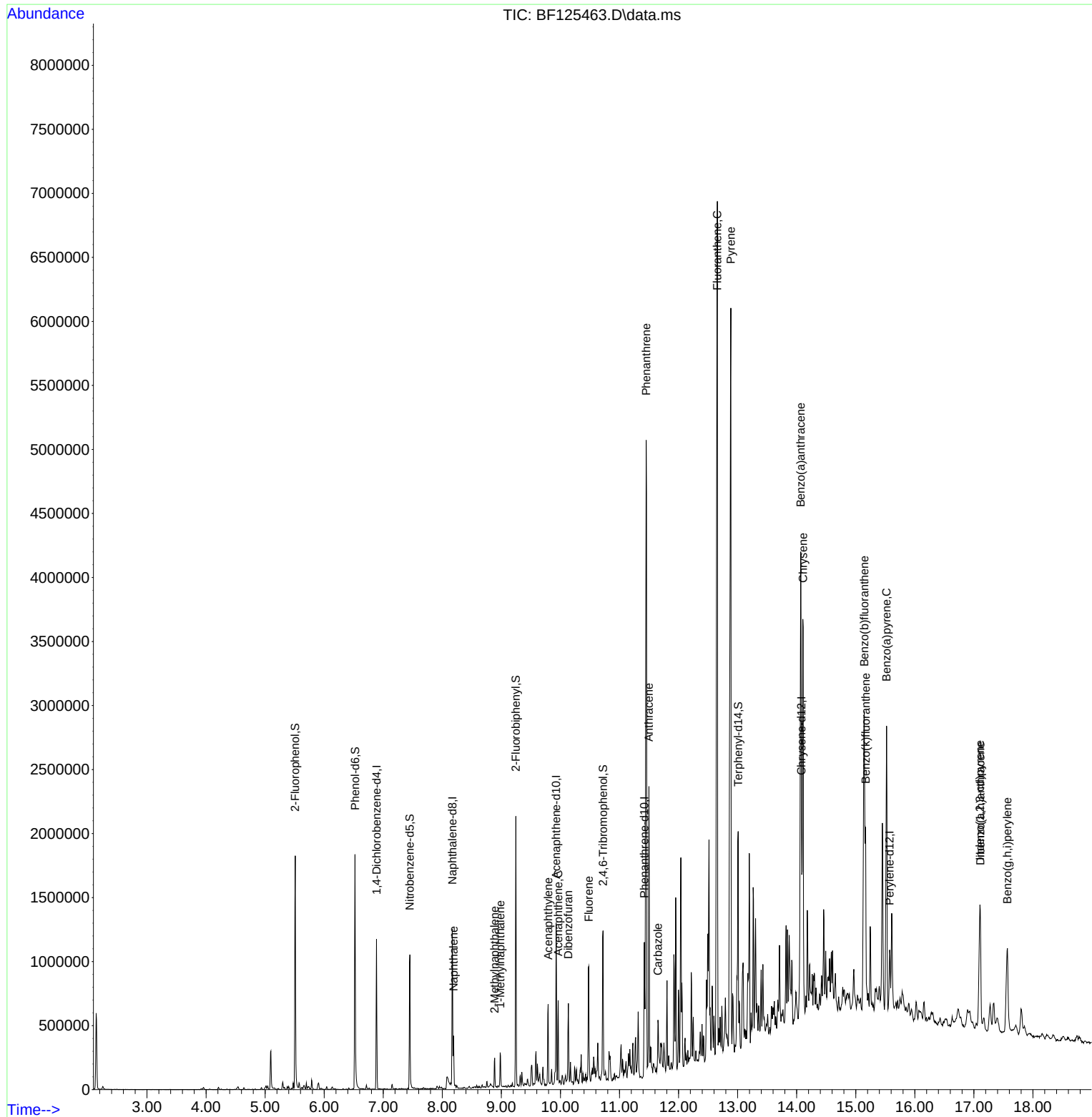
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Data File : BF125463.D
Acq On : 14 Sep 2021 1:38
Operator : JU/CG
Sample : M3719-03 2X
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ALS Vial : 19 Sample Multiplier: 1

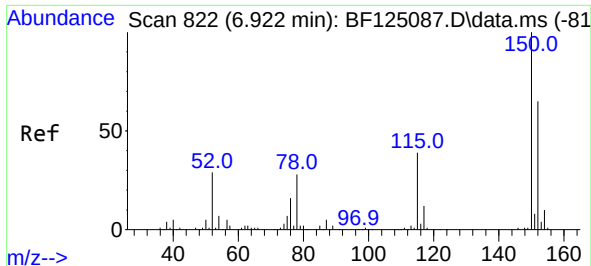
Instrument :
BNA_F
ClientSampleId :
SU-04-091021

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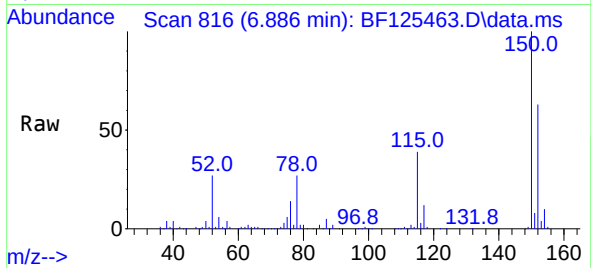
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Quant Time: Sep 14 03:32:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 13 12:03:46 2021
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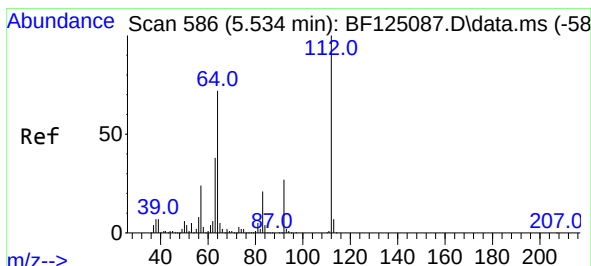
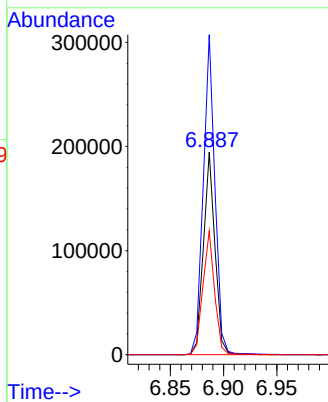
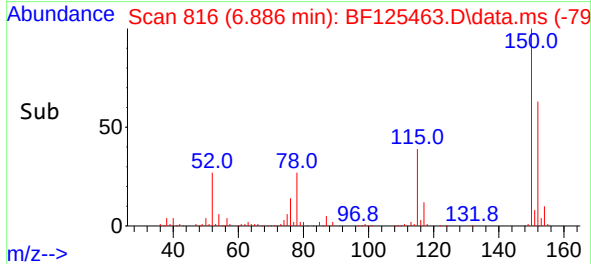




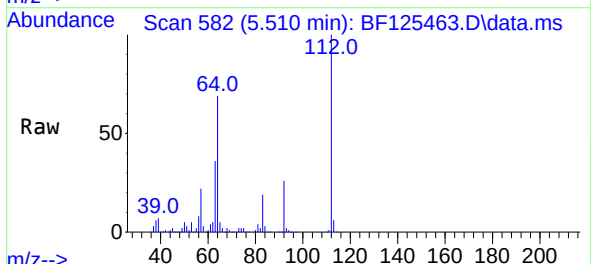
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38



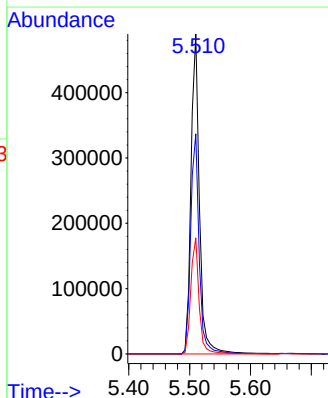
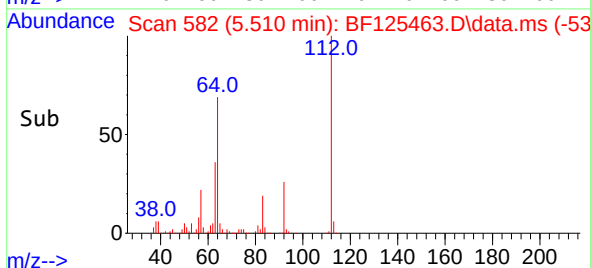
Tgt Ion:152 Resp: 147852
Ion Ratio Lower Upper
152 100
150 158.0 117.6 176.4
115 61.1 47.1 70.7



#5
2-Fluorophenol
Concen: 48.299 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.006 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38



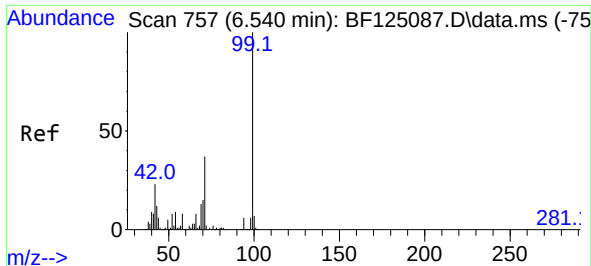
Tgt Ion:112 Resp: 471798
Ion Ratio Lower Upper
112 100
64 68.8 44.2 66.2#
63 36.3 26.2 39.2



Instrument :
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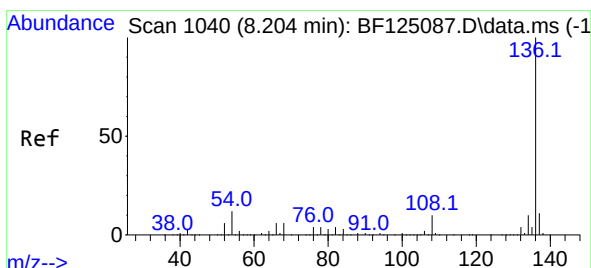
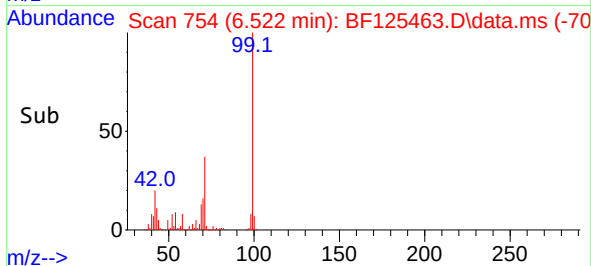
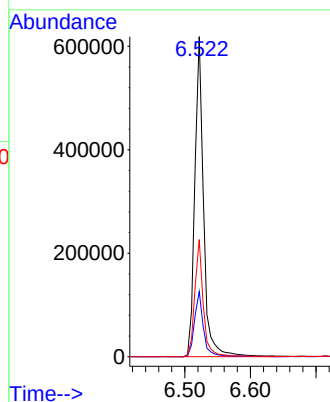
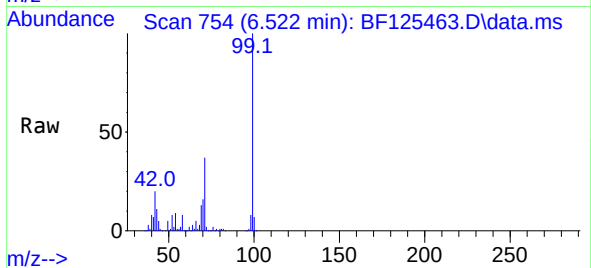
#7
Phenol-d6
Concen: 45.710 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38

Tgt Ion: 99 Resp: 577470
Ion Ratio Lower Upper
99 100
42 20.3 23.5 35.3#
71 36.6 25.6 38.4

Instrument :
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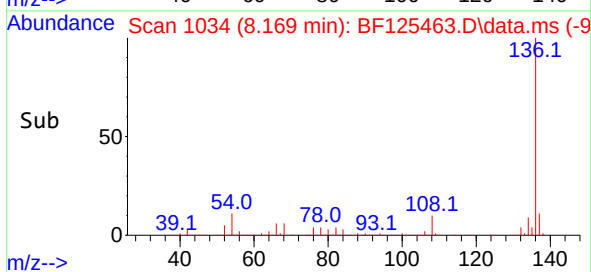
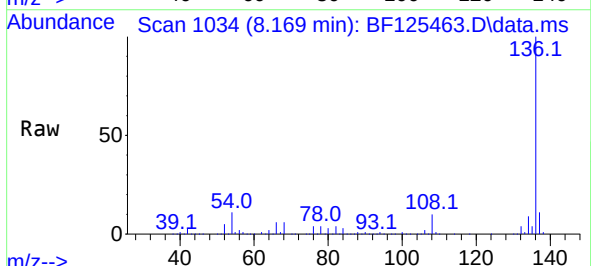
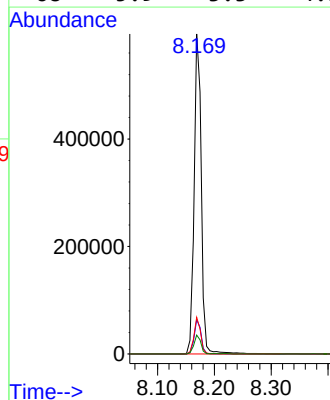
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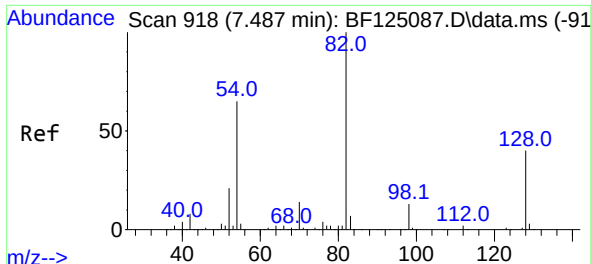
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38

Tgt Ion: 136 Resp: 521700
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 11.5 6.4 9.6#
68 5.9 3.3 4.9#





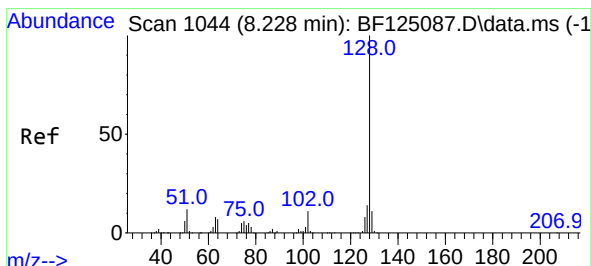
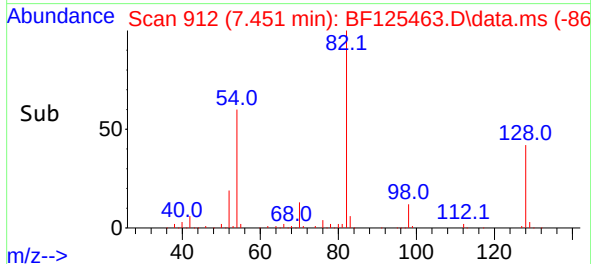
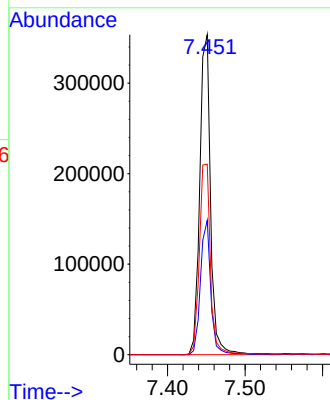
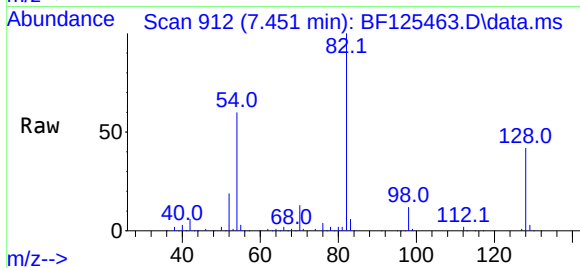
#23
Nitrobenzene-d5
Concen: 33.083 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38

Tgt Ion: 82 Resp: 342834
Ion Ratio Lower Upper
82 100
128 42.0 40.6 60.8
54 59.6 49.6 74.4

Instrument :
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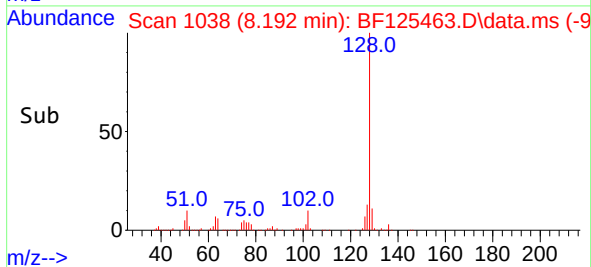
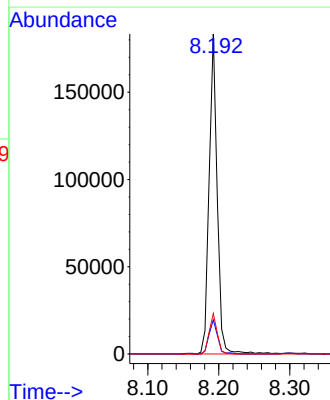
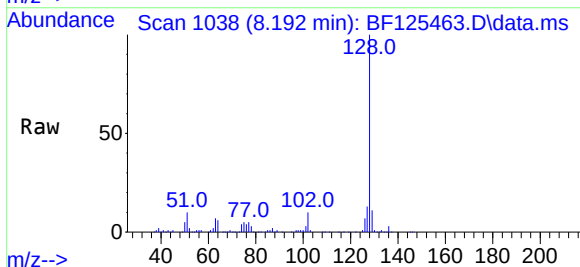
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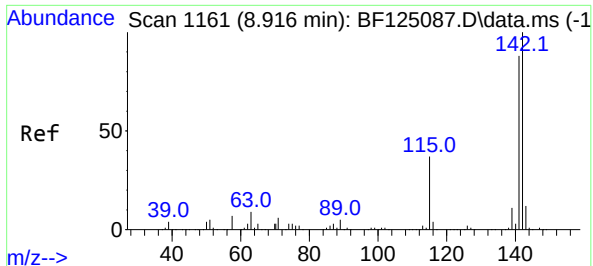
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#31
Naphthalene
Concen: 5.465 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125463.D
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Tgt Ion: 128 Resp: 146003
Ion Ratio Lower Upper
128 100
129 10.7 9.4 14.0
127 12.6 10.9 16.3





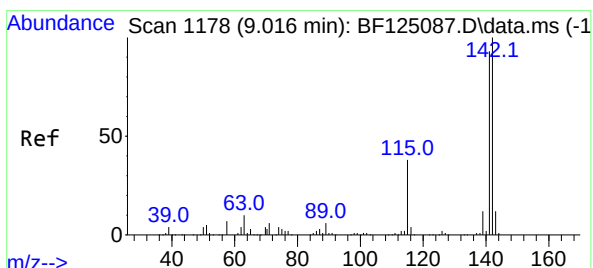
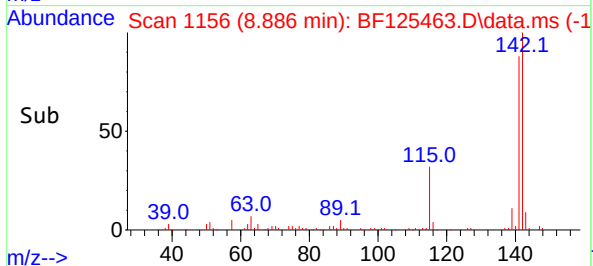
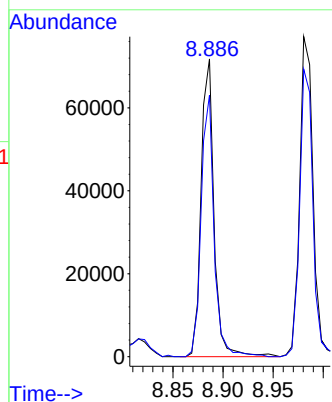
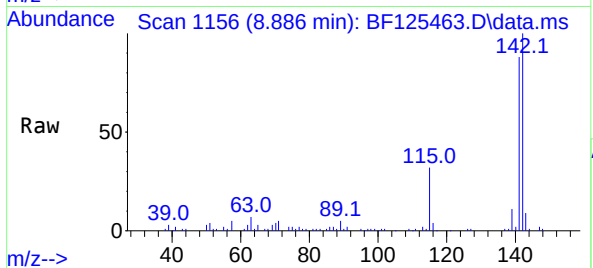
#37
2-Methylnaphthalene
Concen: 3.658 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38

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Tgt Ion:142 Resp: 64579
Ion Ratio Lower Upper
142 100
141 87.8 71.2 106.8

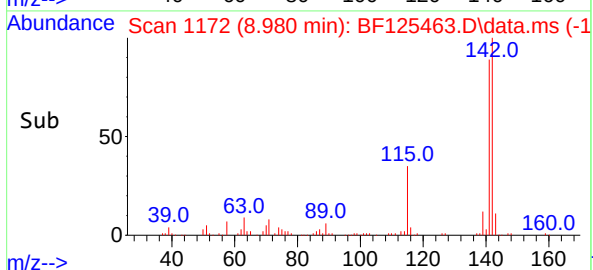
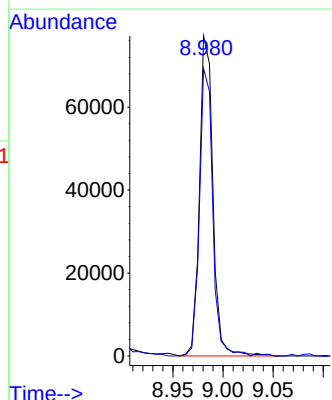
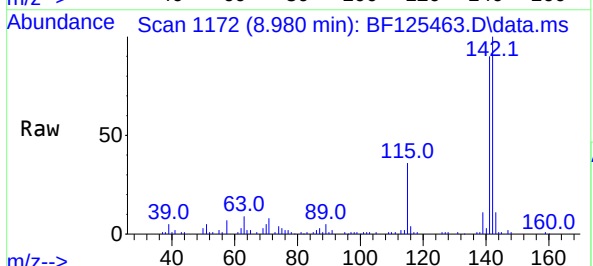
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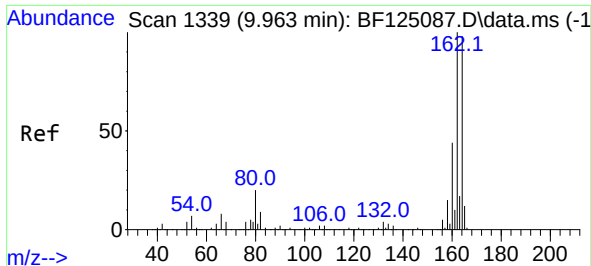
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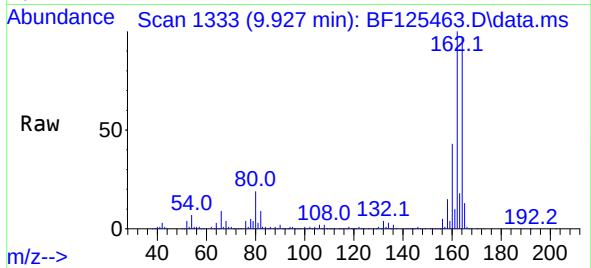
#38
1-Methylnaphthalene
Concen: 4.364 ng
RT: 8.980 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38

Tgt Ion:142 Resp: 71951
Ion Ratio Lower Upper
142 100
141 89.8 76.0 114.0

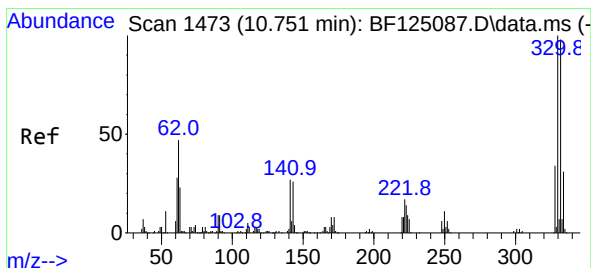
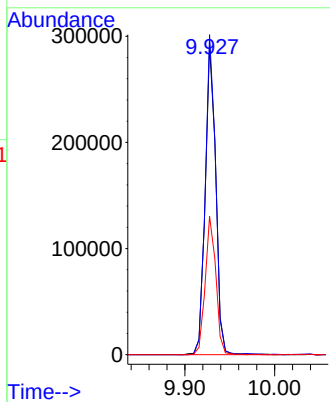
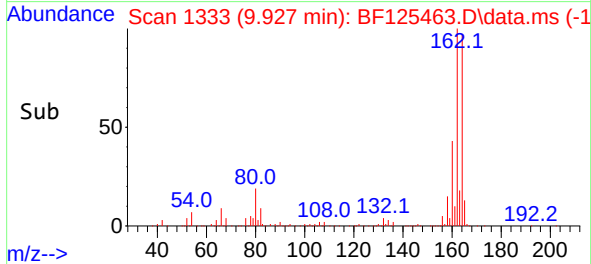




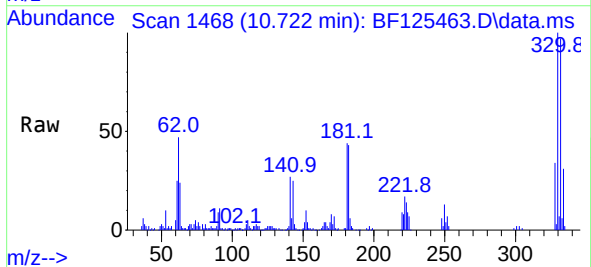
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38



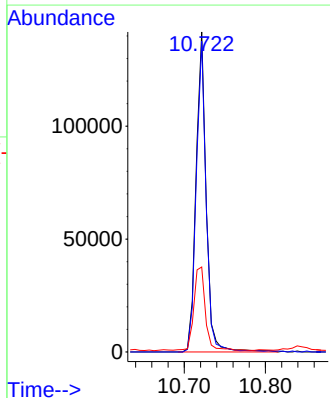
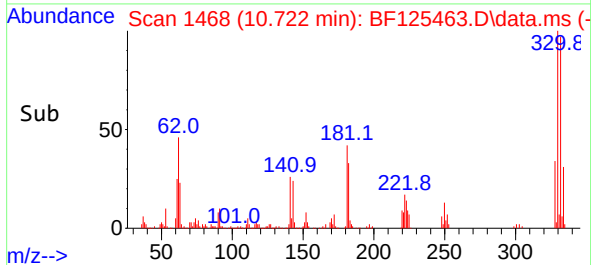
Tgt Ion:164 Resp: 238531
Ion Ratio Lower Upper
164 100
162 103.3 81.3 121.9
160 44.7 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 51.862 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38



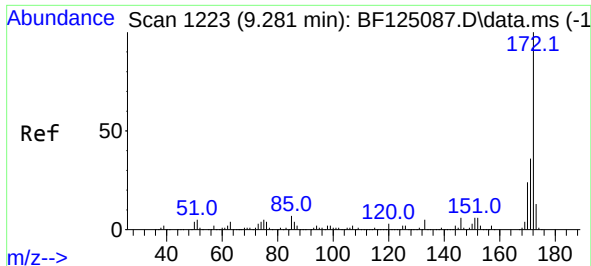
Tgt Ion:330 Resp: 123487
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 29.5 44.6 66.8#



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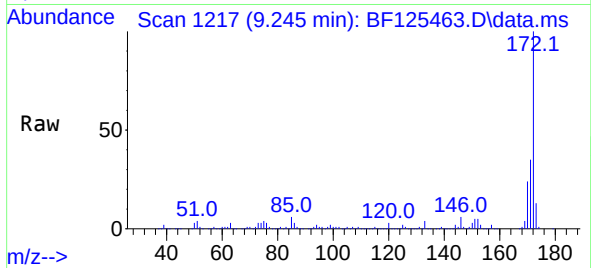
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#45
2-Fluorobiphenyl
Concen: 34.698 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38

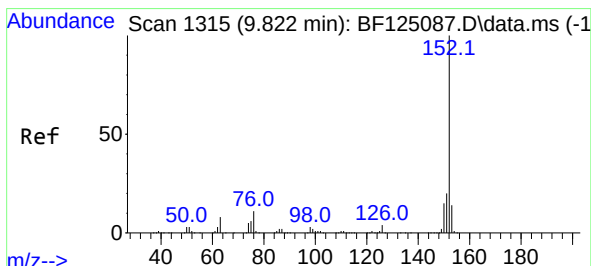
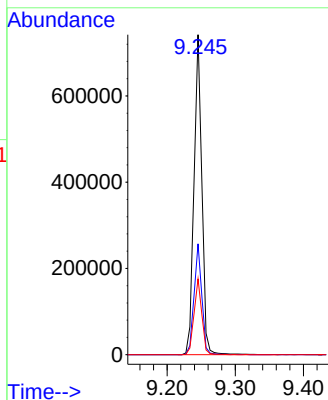
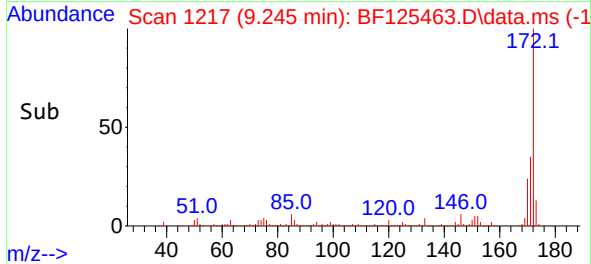
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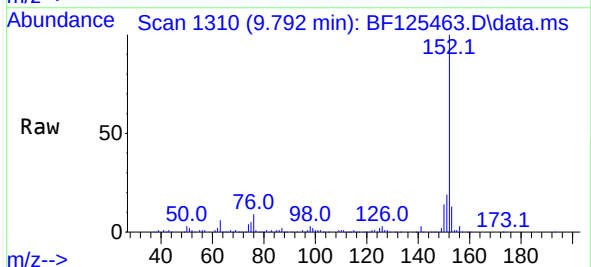
Tgt Ion:172 Resp: 593834
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.7 18.8 28.2

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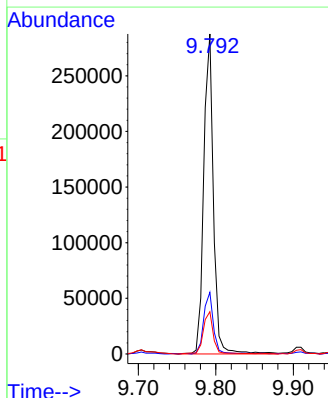
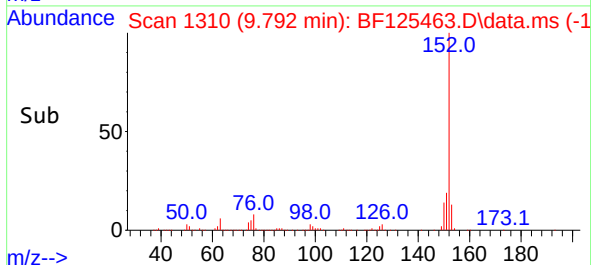
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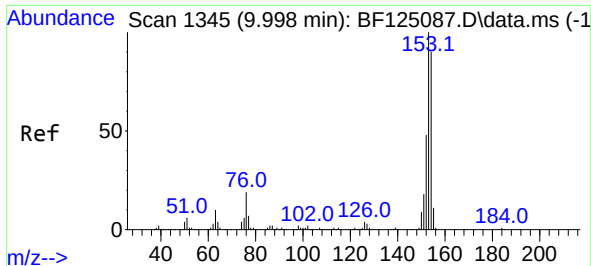


#49
Acenaphthylene
Concen: 10.953 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38



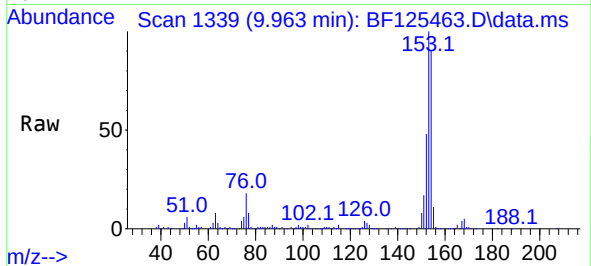
Tgt Ion:152 Resp: 249430
Ion Ratio Lower Upper
152 100
151 19.3 15.7 23.5
153 13.2 9.8 14.8





#52
Acenaphthene
Concen: 8.653 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38

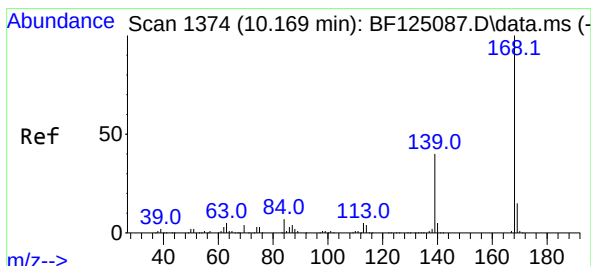
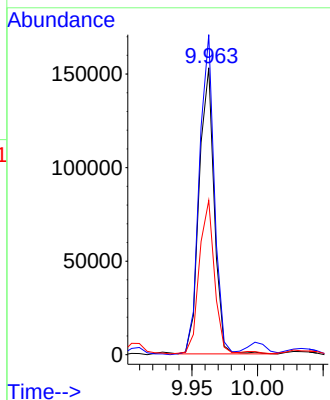
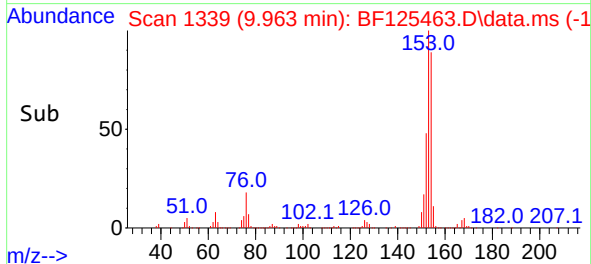
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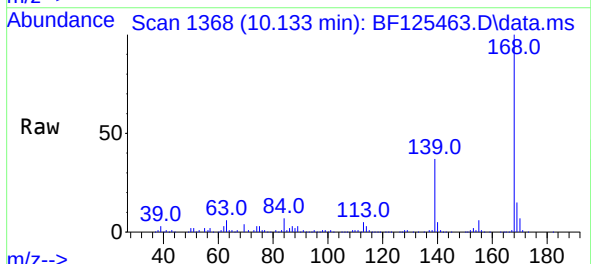
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Ion Ratio Lower Upper
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153 111.6 89.4 134.2
152 53.8 40.5 60.7

Manual Integrations
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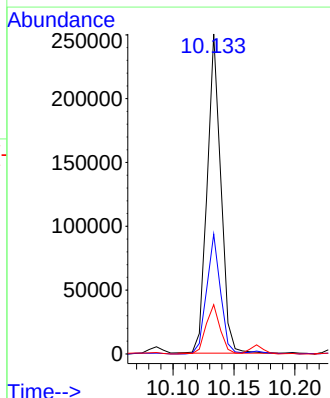
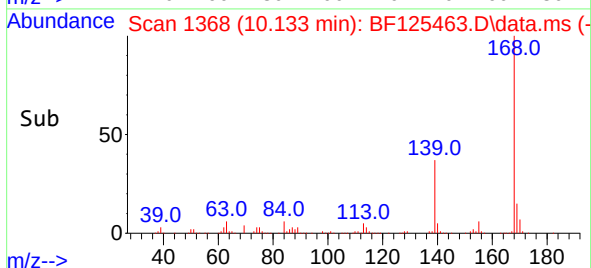
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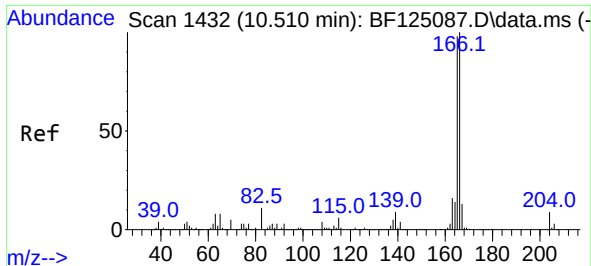


#55
Dibenzofuran
Concen: 9.615 ng
RT: 10.133 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38



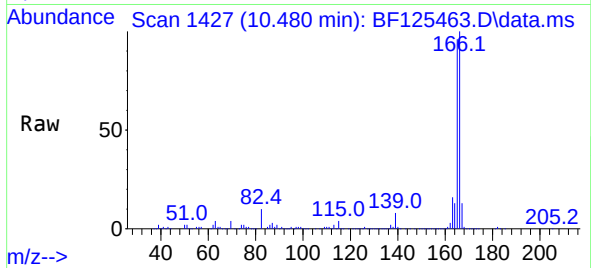
Tgt Ion:168 Resp: 195347
Ion Ratio Lower Upper
168 100
139 37.4 32.7 49.1
169 15.4 11.2 16.8





#58
Fluorene
Concen: 17.407 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38

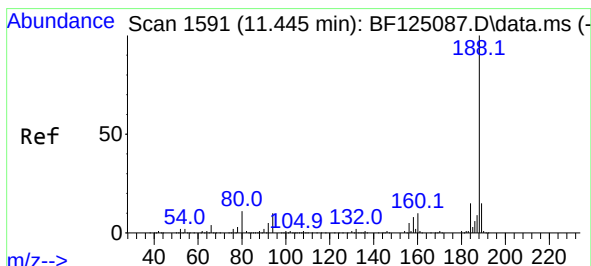
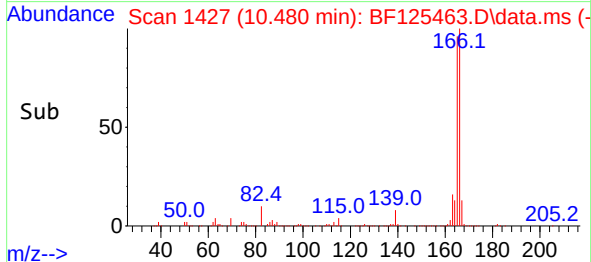
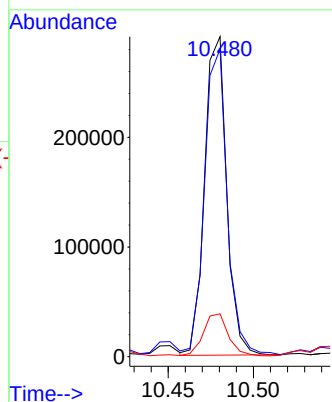
Instrument :
BNA_F
ClientSampleId :
SU-04-091021



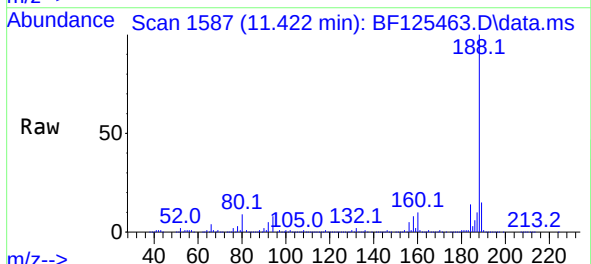
Tgt Ion:166 Resp: 261456
Ion Ratio Lower Upper
166 100
165 96.1 78.1 117.1
167 13.4 11.1 16.7

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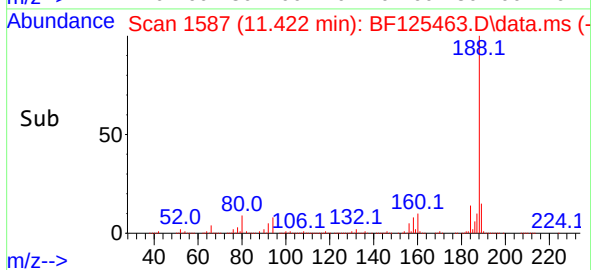
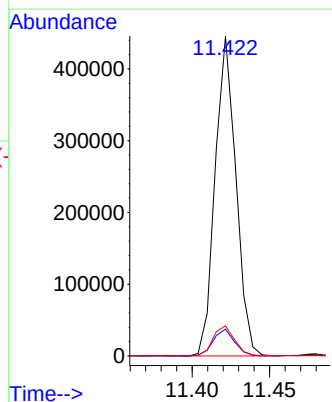
mohammad
9/14/2021 2:48:57 PM

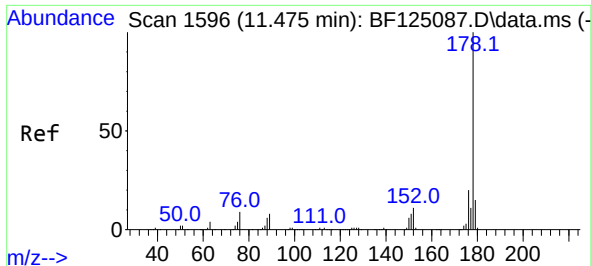


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38



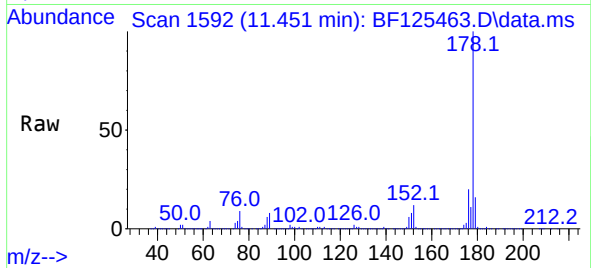
Tgt Ion:188 Resp: 416426
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.4 7.5 11.3





#71
Phenanthrene
Concen: 97.555 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38

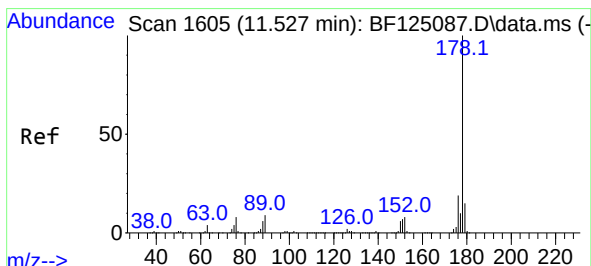
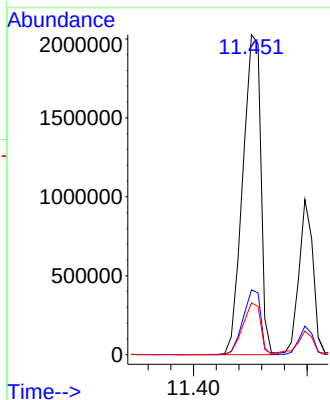
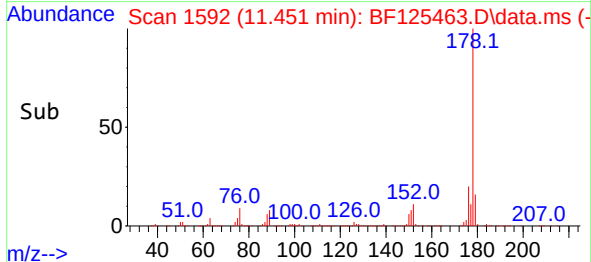
Instrument :
BNA_F
ClientSampleId :
SU-04-091021



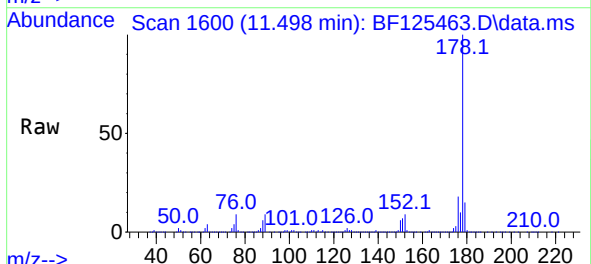
Tgt Ion:178 Resp: 2238435
Ion Ratio Lower Upper
178 100
176 20.2 14.7 22.1
179 16.2 11.5 17.3

Manual Integrations
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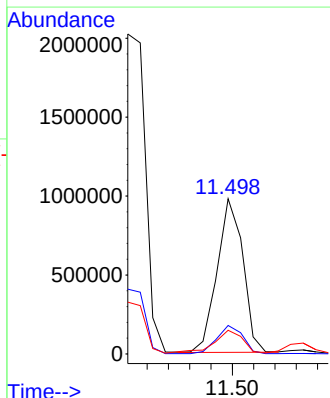
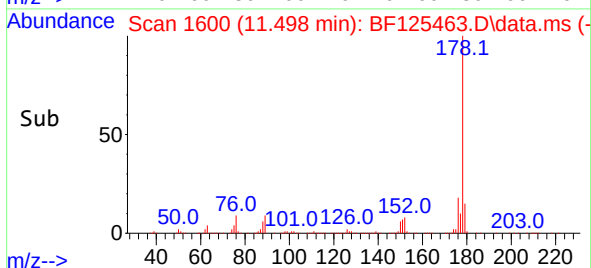
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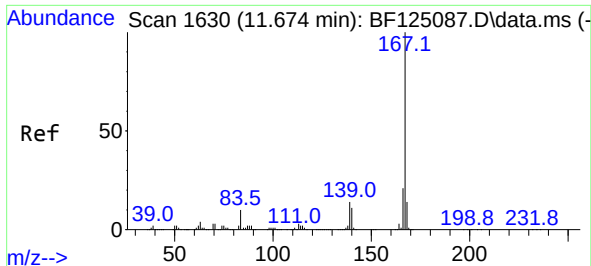


#72
Anthracene
Concen: 36.387 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38



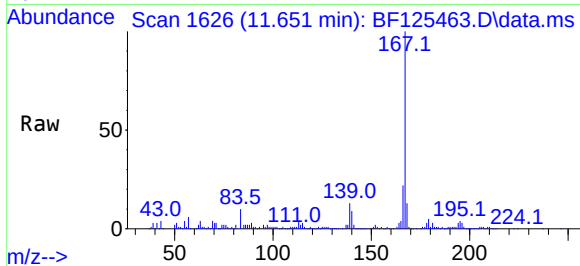
Tgt Ion:178 Resp: 822946
Ion Ratio Lower Upper
178 100
176 18.4 14.3 21.5
179 15.2 12.2 18.4





#73
 Carbazole
 Concen: 7.139 ng
 RT: 11.651 min Scan# 1626
 Delta R.T. -0.006 min
 Lab File: BF125463.D
 Acq: 14 Sep 2021 1:38

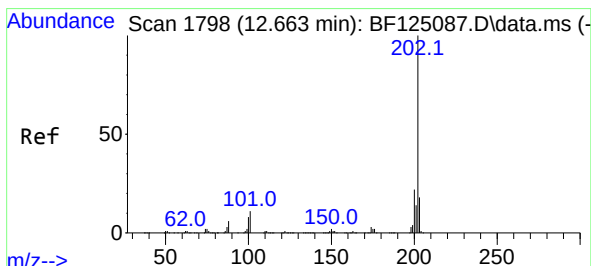
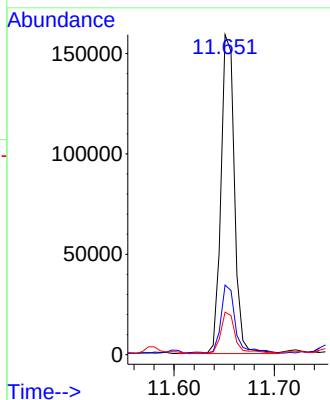
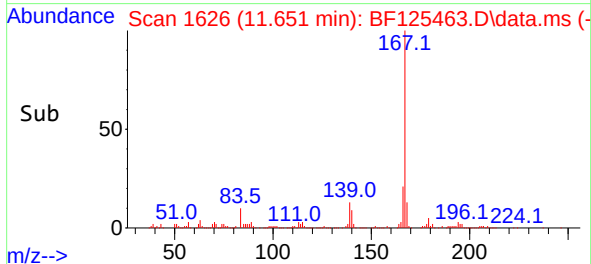
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-091021



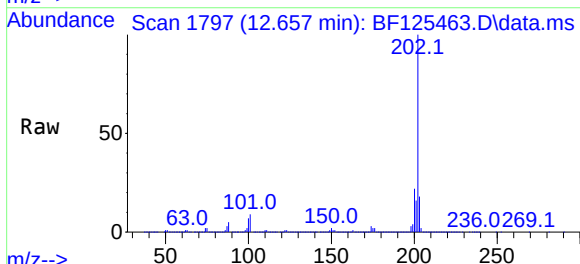
Tgt Ion:167 Resp: 147551
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.3 11.0 16.4

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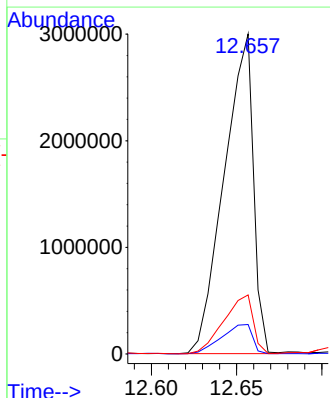
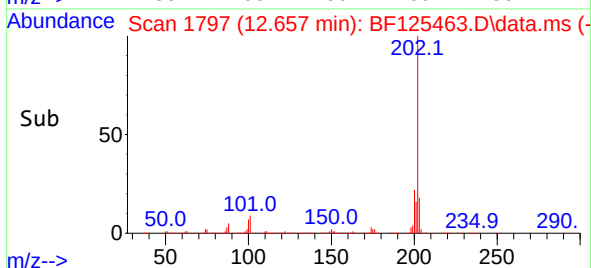
mohammad
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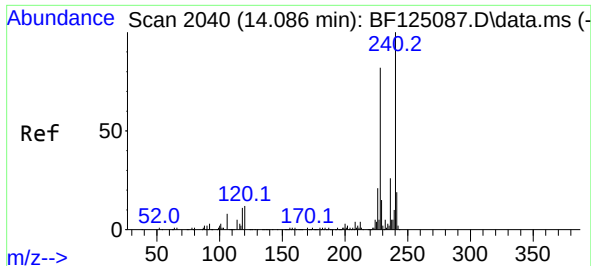


#75
 Fluoranthene
 Concen: 157.164 ng
 RT: 12.657 min Scan# 1797
 Delta R.T. 0.018 min
 Lab File: BF125463.D
 Acq: 14 Sep 2021 1:38



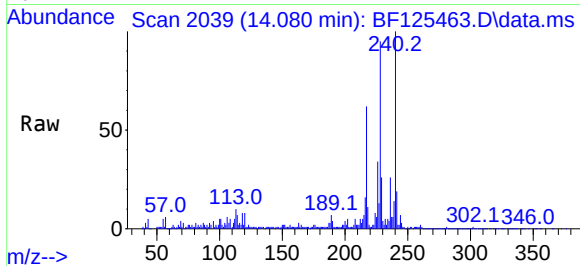
Tgt Ion:202 Resp: 3578221
 Ion Ratio Lower Upper
 202 100
 101 9.2 0.0 30.7
 203 18.5 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38

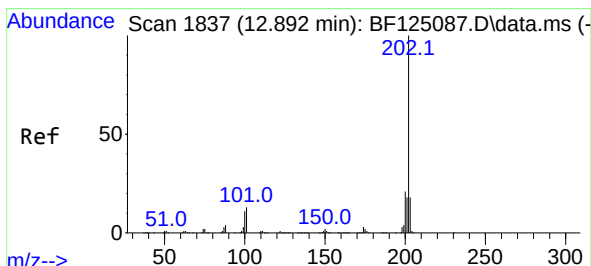
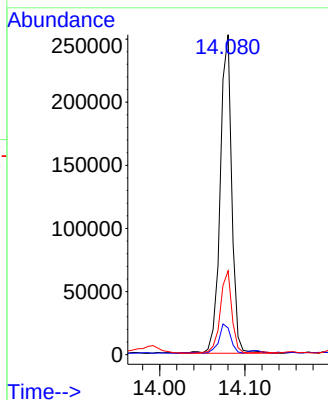
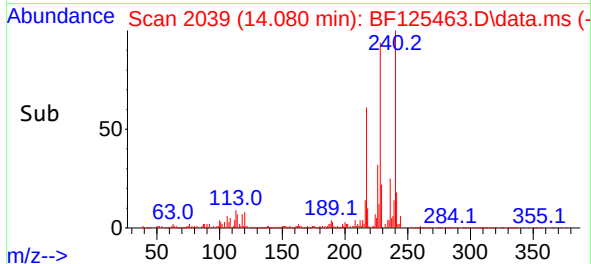
Instrument :
BNA_F
ClientSampled :
SU-04-091021



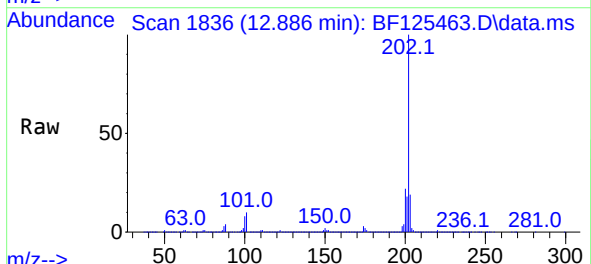
Tgt Ion:240 Resp: 237717
Ion Ratio Lower Upper
240 100
120 8.3 10.8 16.2#
236 26.2 21.6 32.4

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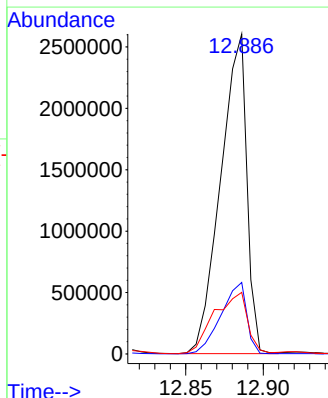
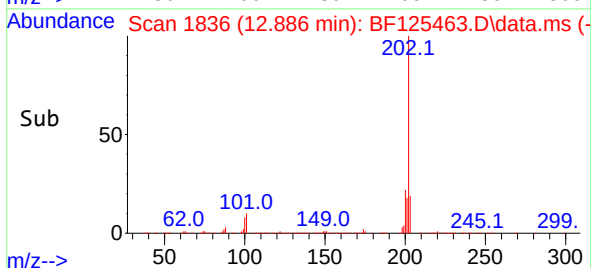
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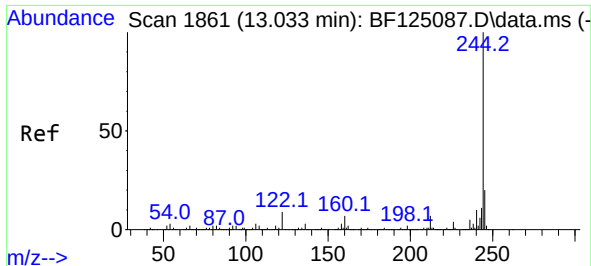


#78
Pyrene
Concen: 149.732 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.012 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38



Tgt Ion:202 Resp: 3053243
Ion Ratio Lower Upper
202 100
200 22.3 15.3 22.9
203 19.3 13.4 20.0





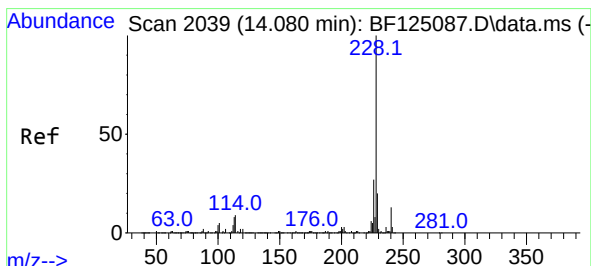
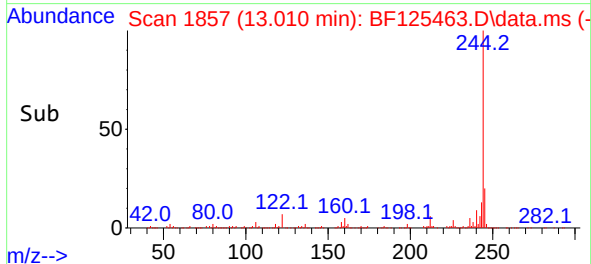
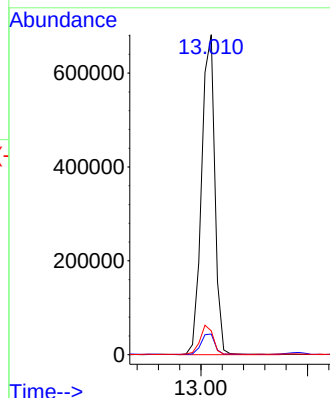
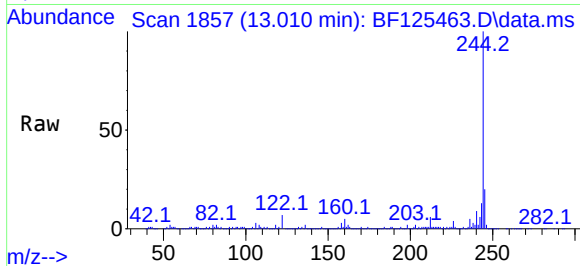
#79
Terphenyl-d14
Concen: 39.703 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38

Tgt Ion:244 Resp: 592438
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 7.4 9.0 13.4#

Instrument :
BNA_F
ClientSampleId :
SU-04-091021

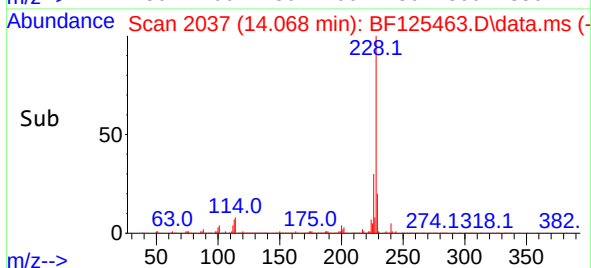
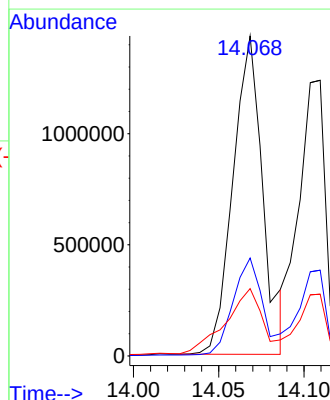
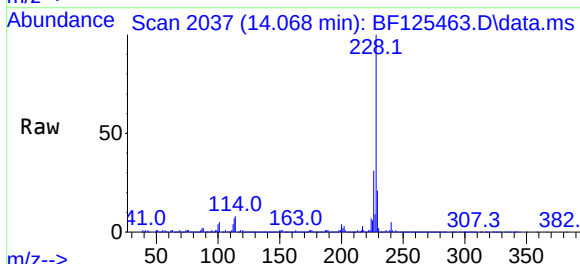
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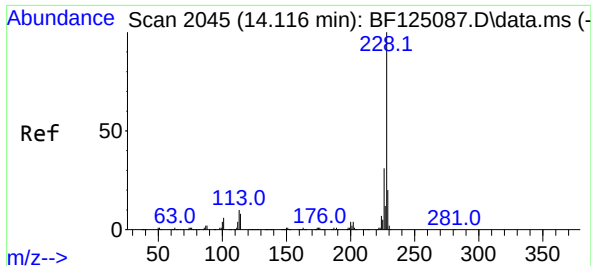
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#81
Benzo(a)anthracene
Concen: 101.745 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.006 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38

Tgt Ion:228 Resp: 1742671
Ion Ratio Lower Upper
228 100
226 30.6 21.6 32.4
229 21.0 15.6 23.4





#83
Chrysene
Concen: 79.607 ng
RT: 14.110 min Scan# 2044
Delta R.T. 0.006 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38

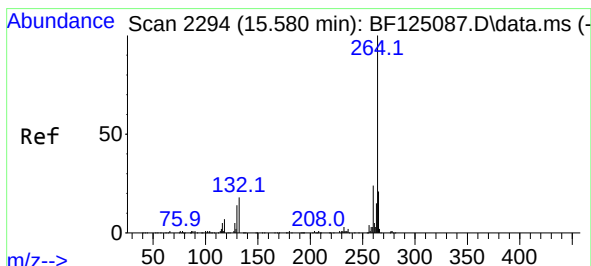
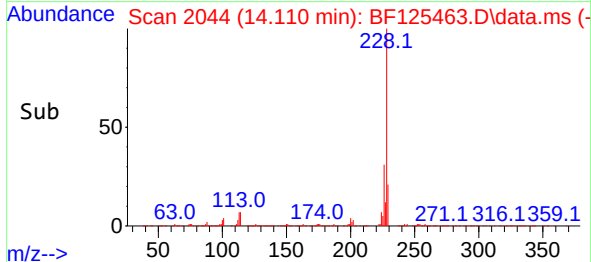
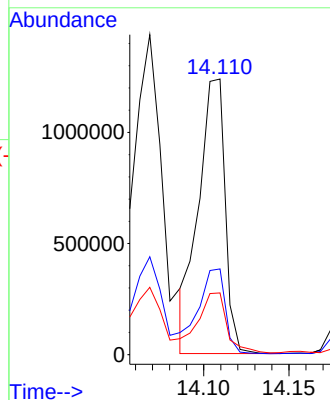
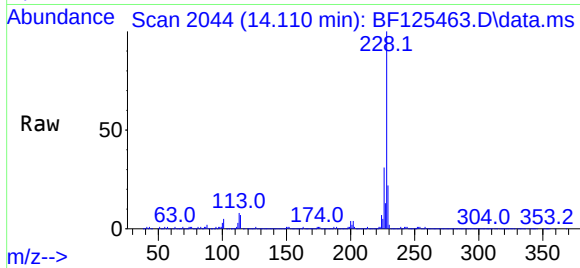
Tgt Ion:228 Resp: 1348413

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.6	34.0
229	22.4	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
SU-04-091021

Manual Integrations
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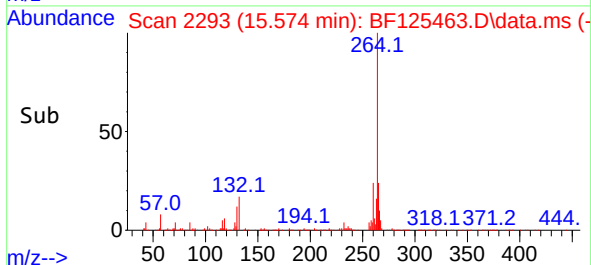
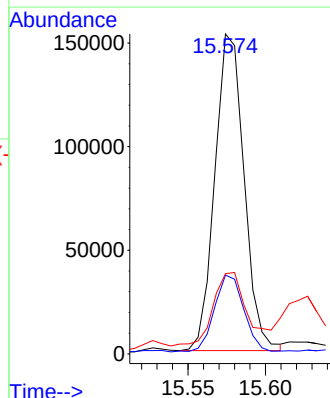
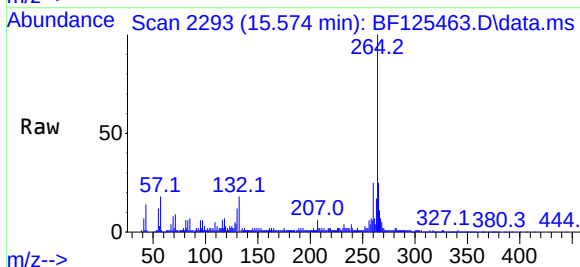
mohammad
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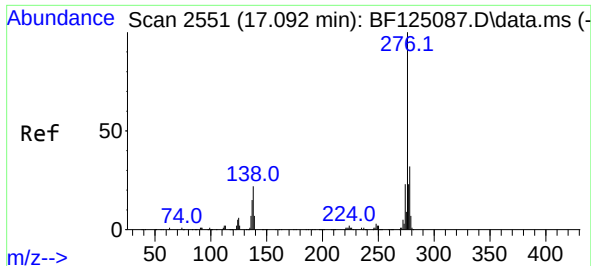


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38

Tgt Ion:264 Resp: 200568

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	25.1	17.2	25.8





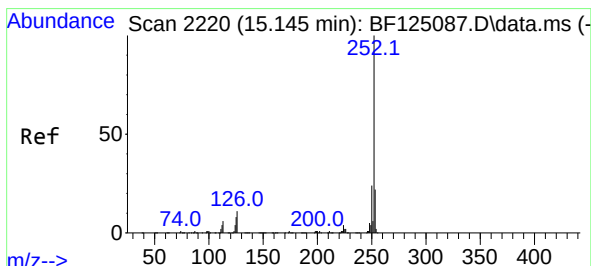
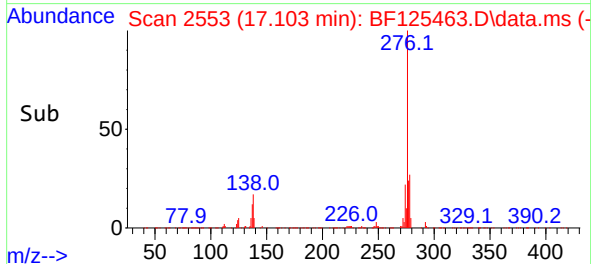
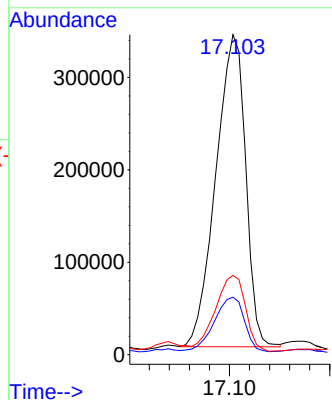
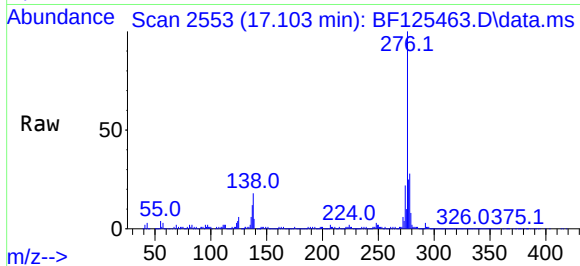
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.252 ng
RT: 17.103 min Scan# 2553
Delta R.T. 0.018 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38

Tgt Ion:276 Resp: 697201
Ion Ratio Lower Upper
276 100
138 18.2 24.1 36.1#
277 24.4 18.8 28.2

Instrument :
BNA_F
ClientSampleId :
SU-04-091021

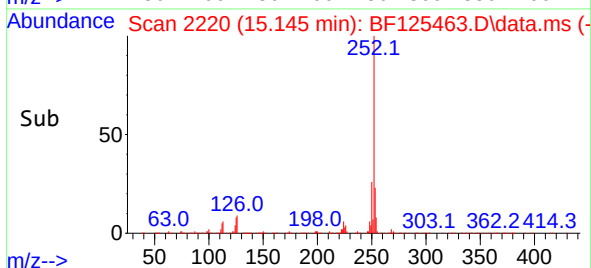
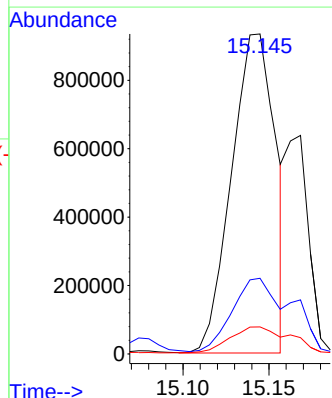
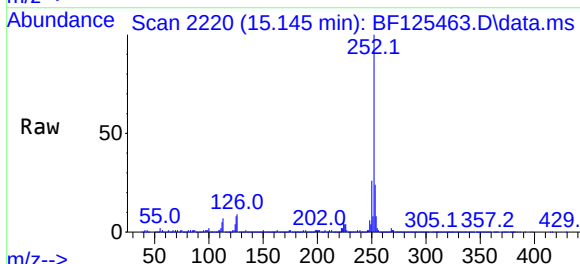
Manual Integrations
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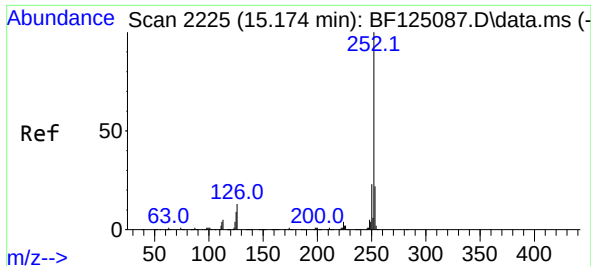
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#88
Benzo(b)fluoranthene
Concen: 113.281 ng m
RT: 15.145 min Scan# 2220
Delta R.T. 0.018 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38

Tgt Ion:252 Resp: 1659917
Ion Ratio Lower Upper
252 100
253 23.6 16.8 25.2
125 8.4 9.8 14.8#





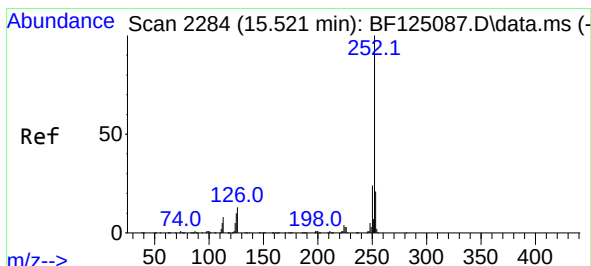
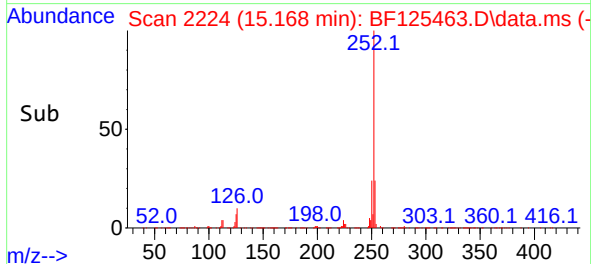
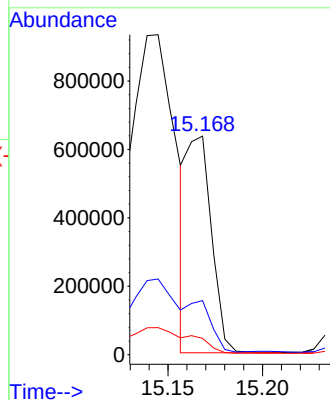
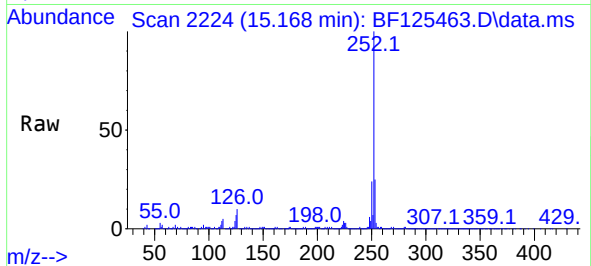
#89
Benzo(k)fluoranthene
Concen: 40.946 ng m
RT: 15.168 min Scan# 2224
Delta R.T. 0.006 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38

Tgt Ion:252 Resp: 559873
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.8
125 7.5 7.2 10.8

Instrument :
BNA_F
ClientSampleId :
SU-04-091021

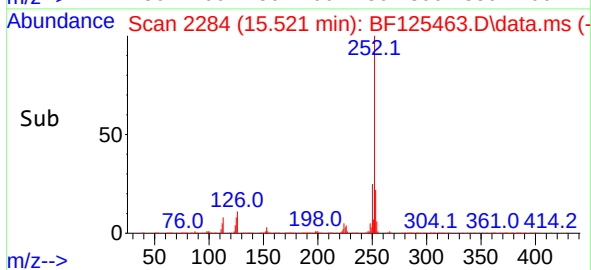
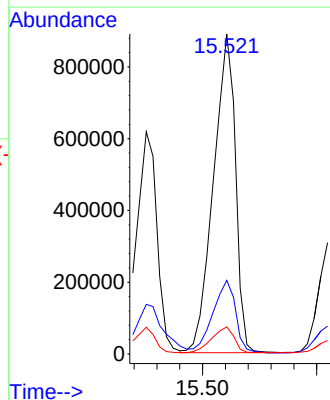
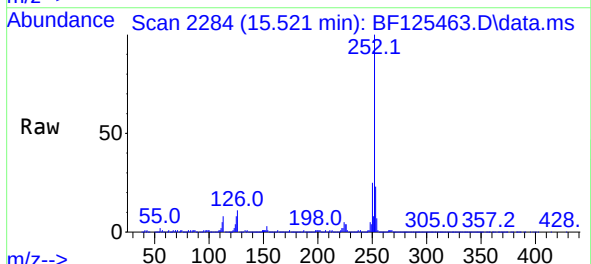
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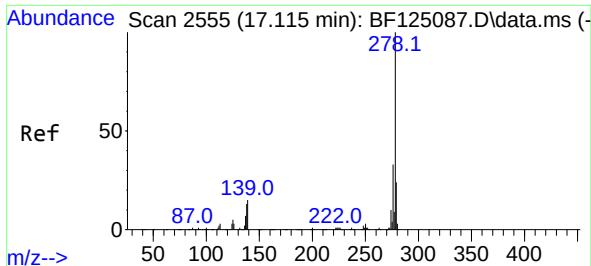
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#90
Benzo(a)pyrene
Concen: 92.338 ng m
RT: 15.521 min Scan# 2284
Delta R.T. 0.012 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38

Tgt Ion:252 Resp: 1195189
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 8.4 9.9 14.9#





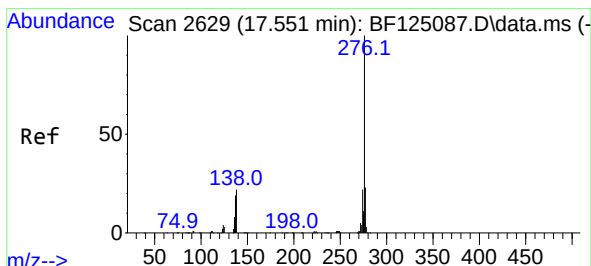
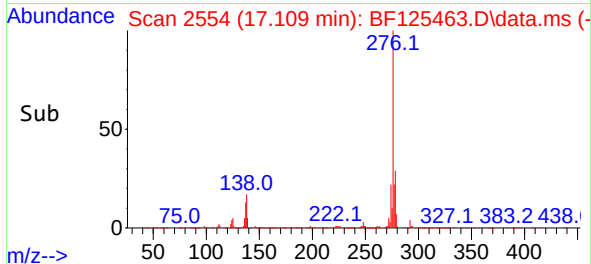
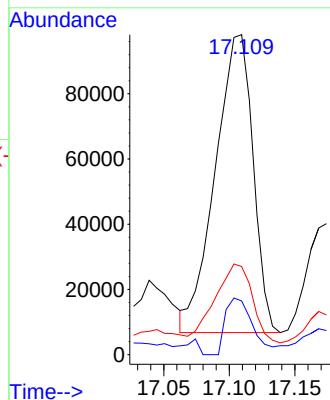
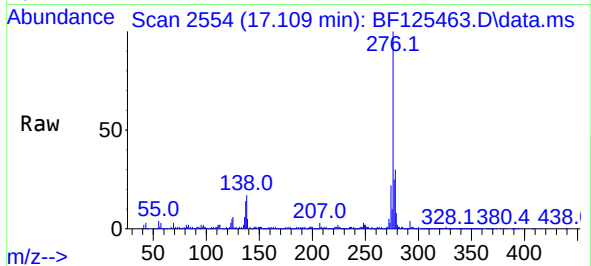
#91
Dibenzo(a,h)anthracene
Concen: 14.651 ng
RT: 17.109 min Scan# 2554
Delta R.T. 0.006 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38

Tgt Ion:278 Resp: 182994
Ion Ratio Lower Upper
278 100
139 16.8 14.9 22.3
279 27.5 19.7 29.5

Instrument :
BNA_F
ClientSampled :
SU-04-091021

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#92
Benzo(g,h,i)perylene
Concen: 55.336 ng
RT: 17.568 min Scan# 2632
Delta R.T. 0.024 min
Lab File: BF125463.D
Acq: 14 Sep 2021 1:38

Tgt Ion:276 Resp: 666408
Ion Ratio Lower Upper
276 100
277 25.1 22.0 33.0
138 17.8 22.2 33.4#

