

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
 Data File : BF125666.D
 Acq On : 25 Sep 2021 20:11
 Operator : JU/CG
 Sample : M3941-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124042

Manual Integrations
 APPROVED

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Quant Time: Sep 27 01:24:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	176390	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	708659	20.000	ng	# 0.00
39) Acenaphthene-d10	9.921	164	363214	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	538155	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	432153	20.000	ng	0.00
86) Perylene-d12	15.515	264	422996	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1016224	94.920	ng	0.00
7) Phenol-d6	6.504	99	1244762	86.481	ng	0.00
23) Nitrobenzene-d5	7.445	82	730310	71.881	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	315609	93.196	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1285274	59.582	ng	0.00
79) Terphenyl-d14	12.992	244	1078590	43.222	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	9.951	154	184161m	8.799	ng	
55) Dibenzofuran	10.121	168	112655	3.588	ng	95
58) Fluorene	10.469	166	166114	6.797	ng	99
71) Phenanthrene	11.427	178	567312	18.799	ng	98
72) Anthracene	11.480	178	157738	5.290	ng	99
75) Fluoranthene	12.621	202	893000	27.688	ng	99
78) Pyrene	12.845	202	620276	15.882	ng	97
81) Benzo(a)anthracene	14.033	228	164881	5.617	ng	98
83) Chrysene	14.068	228	158763	5.389	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	66549	4.495	ng	99
88) Benzo(b)fluoranthene	15.080	252	132540m	4.472	ng	
90) Benzo(a)pyrene	15.451	252	69525	2.635	ng	97

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

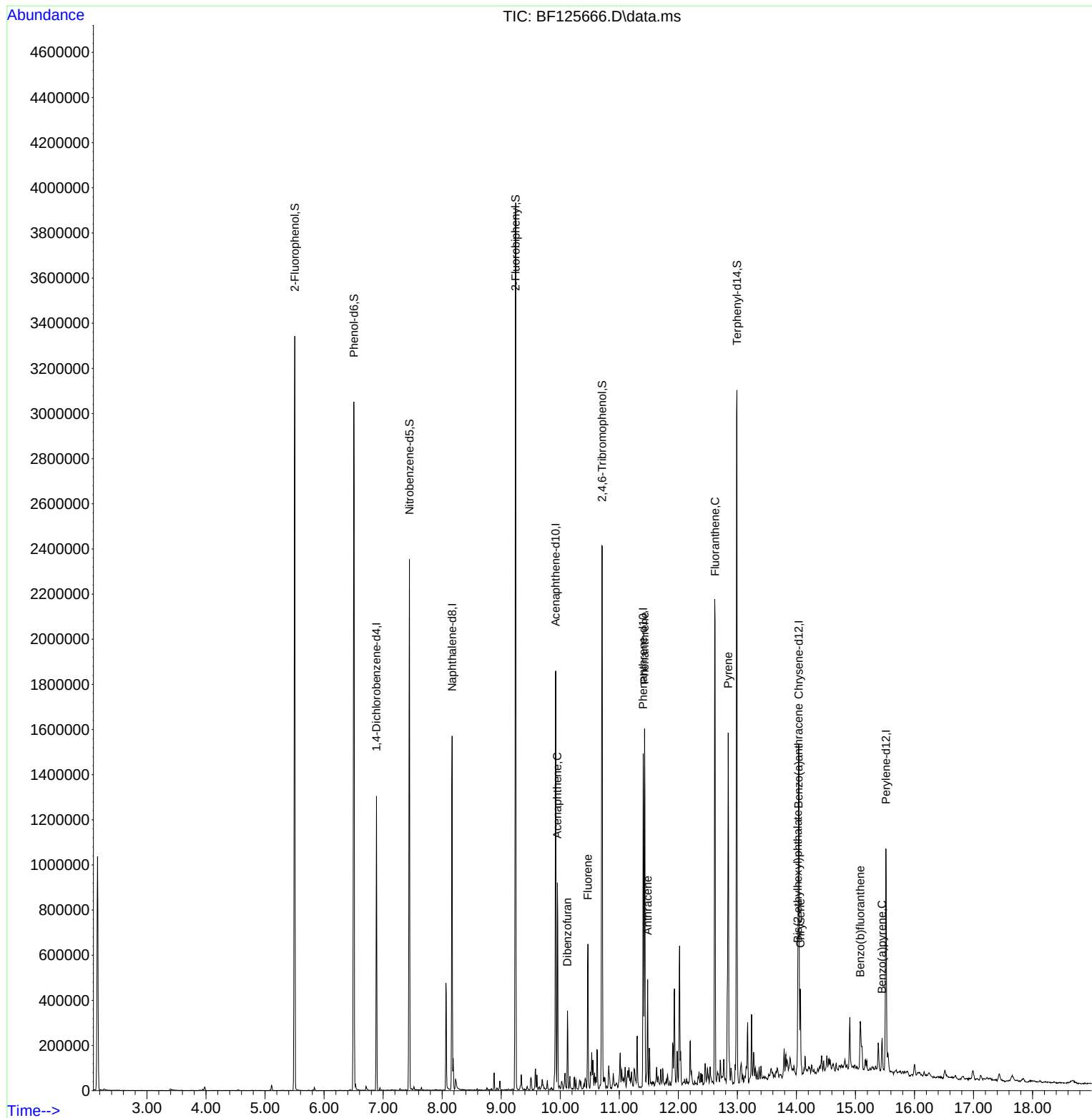
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Data File : BF125666.D
Acq On : 25 Sep 2021 20:11
Operator : JU/CG
Sample : M3941-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

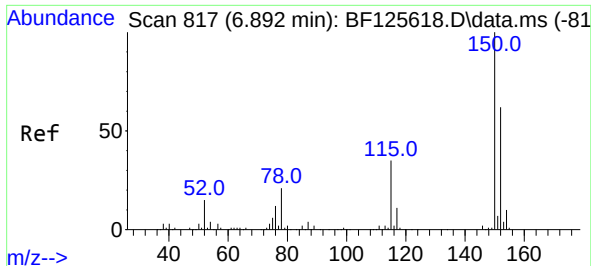
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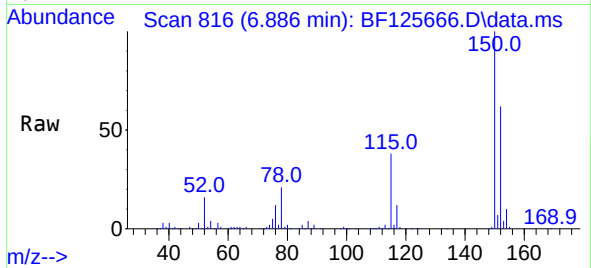
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Quant Time: Sep 27 01:24:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration

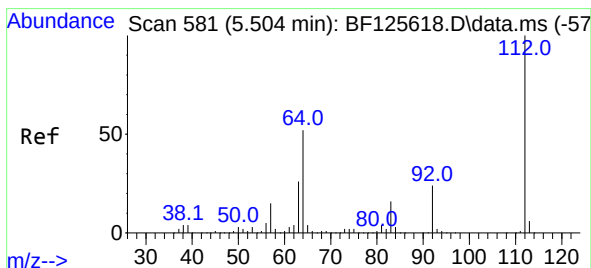
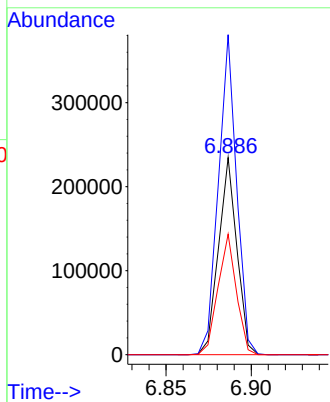
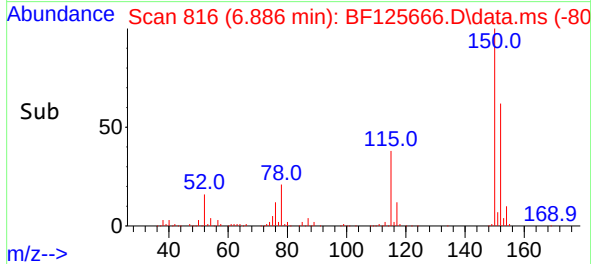




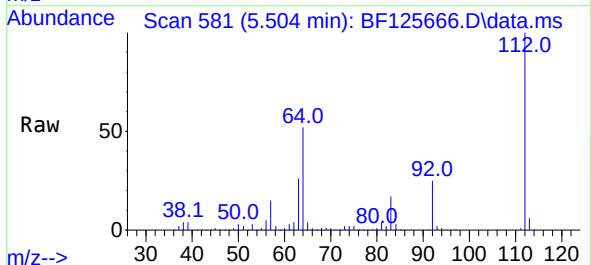
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125666.D
Acq: 25 Sep 2021 20:11



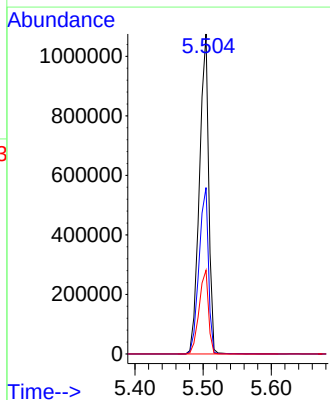
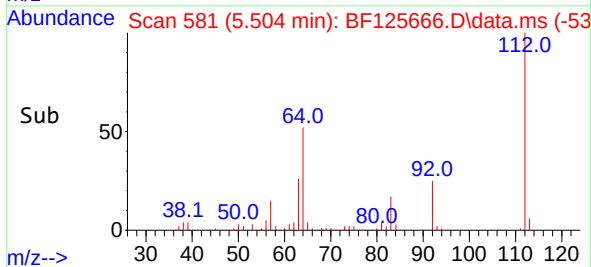
Tgt Ion:152 Resp: 176390
Ion Ratio Lower Upper
152 100
150 162.4 117.6 176.4
115 61.2 47.1 70.7



#5
2-Fluorophenol
Concen: 94.920 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125666.D
Acq: 25 Sep 2021 20:11



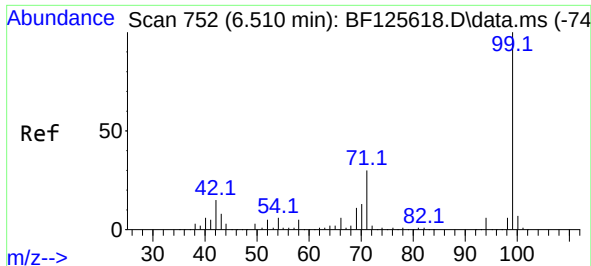
Tgt Ion:112 Resp: 1016224
Ion Ratio Lower Upper
112 100
64 52.0 44.2 66.2
63 26.2 26.2 39.2



Instrument :
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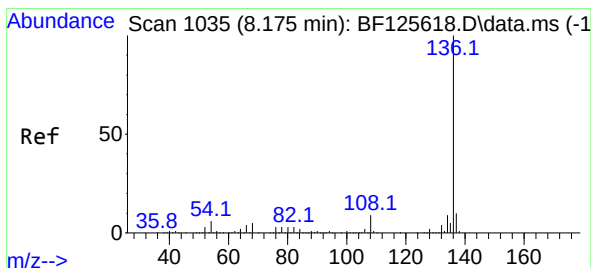
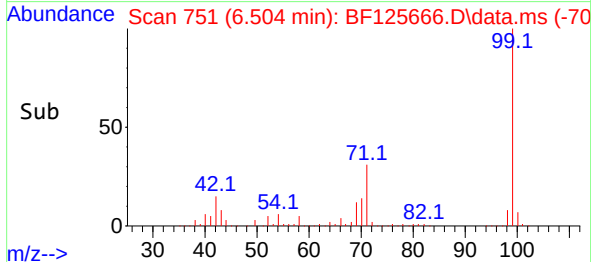
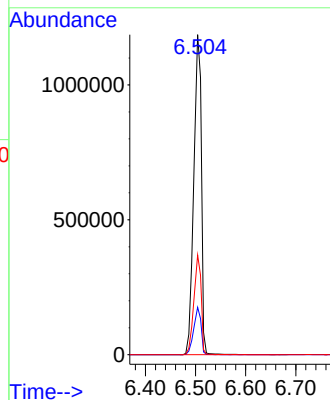
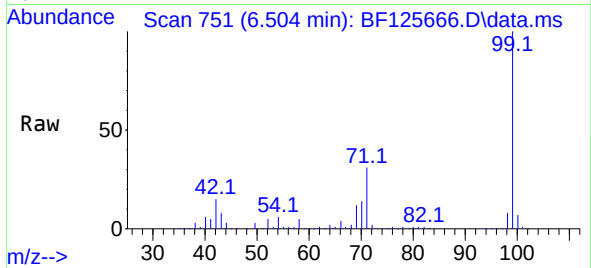
#7
Phenol-d6
Concen: 86.481 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125666.D
Acq: 25 Sep 2021 20:11

Tgt Ion: 99 Resp: 1244762
Ion Ratio Lower Upper
99 100
42 14.8 23.5 35.3#
71 31.2 25.6 38.4

Instrument :
BNA_F
ClientSampleId :
124042

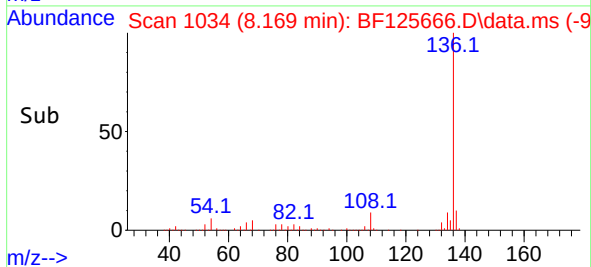
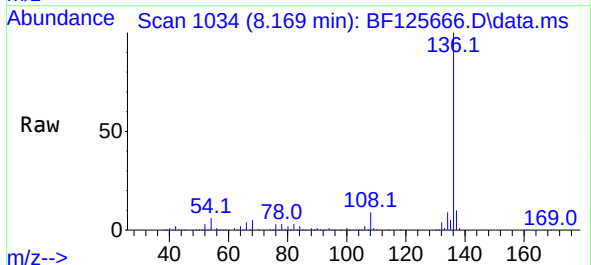
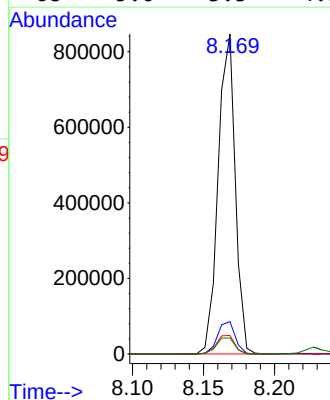
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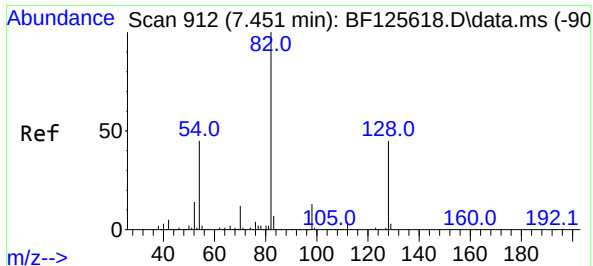
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125666.D
Acq: 25 Sep 2021 20:11

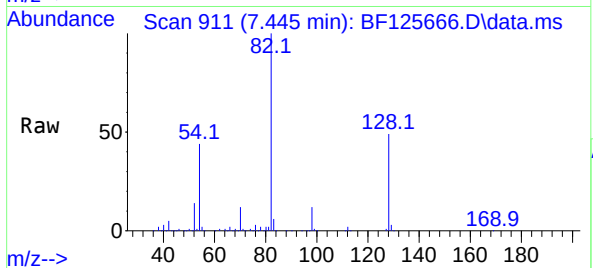
Tgt Ion: 136 Resp: 708659
Ion Ratio Lower Upper
136 100
137 10.1 9.8 14.6
54 5.8 6.4 9.6#
68 5.0 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 71.881 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125666.D
Acq: 25 Sep 2021 20:11

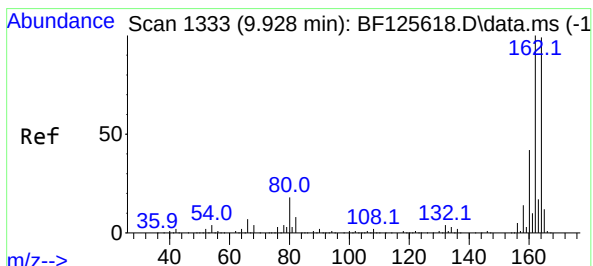
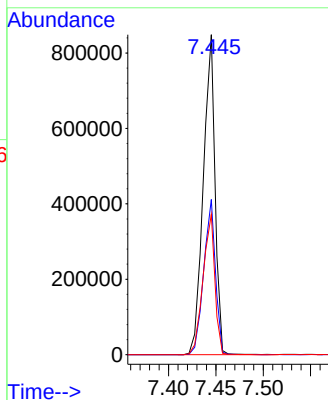
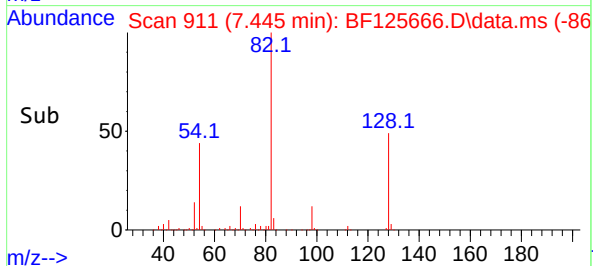
Instrument :
BNA_F
ClientSampled :
124042



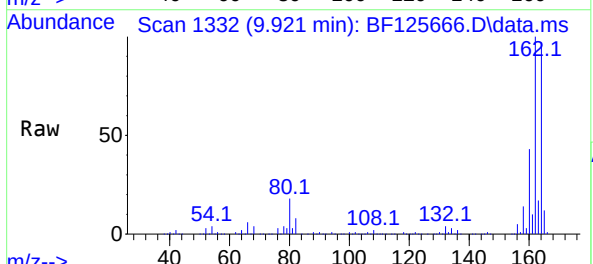
Tgt Ion: 82 Resp: 730310
Ion Ratio Lower Upper
82 100
128 48.5 40.6 60.8
54 43.8 49.6 74.4#

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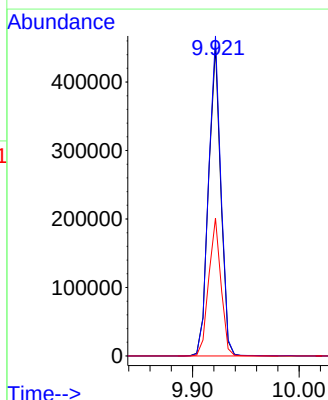
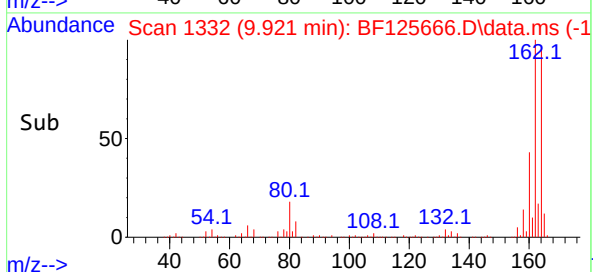
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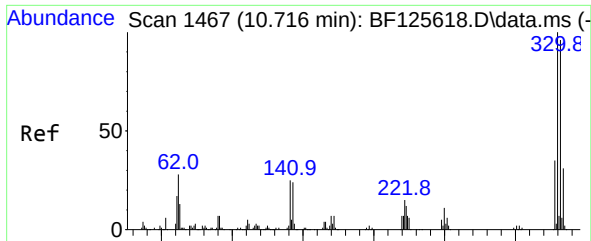


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.921 min Scan# 1332
Delta R.T. -0.007 min
Lab File: BF125666.D
Acq: 25 Sep 2021 20:11



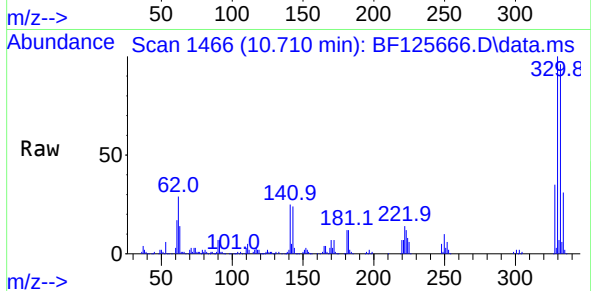
Tgt Ion: 164 Resp: 363214
Ion Ratio Lower Upper
164 100
162 103.4 81.3 121.9
160 44.6 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 93.196 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125666.D
Acq: 25 Sep 2021 20:11

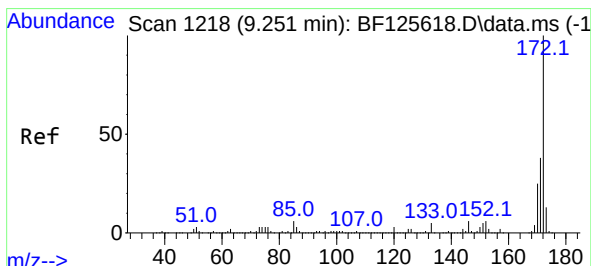
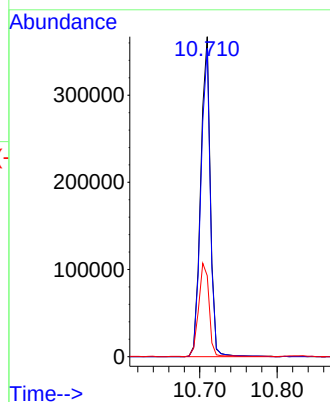
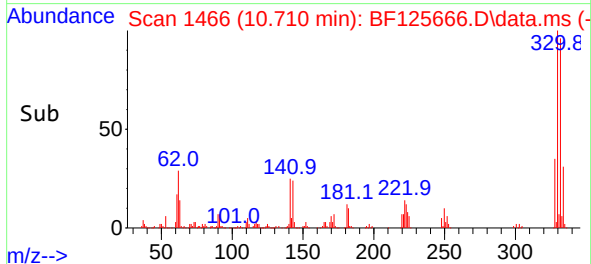
Instrument :
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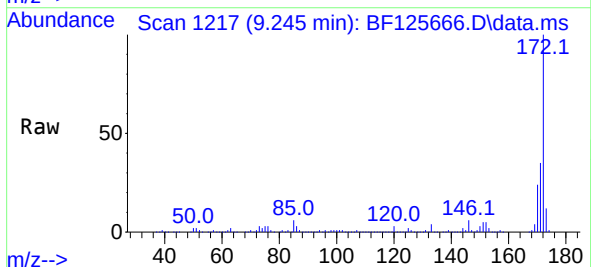
Tgt Ion: 330 Resp: 315609
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 32.2 44.6 66.8#

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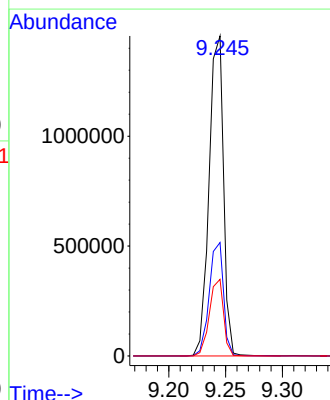
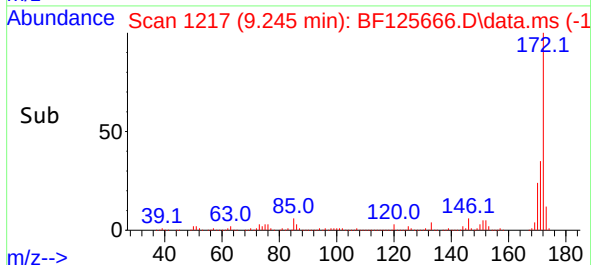
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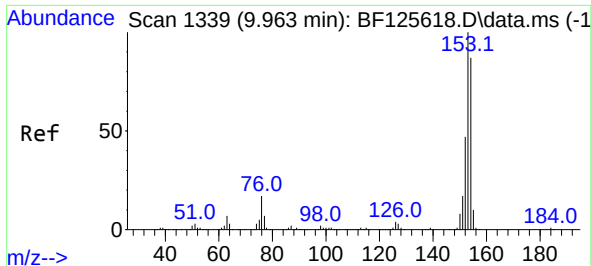


#45
2-Fluorobiphenyl
Concen: 59.582 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125666.D
Acq: 25 Sep 2021 20:11



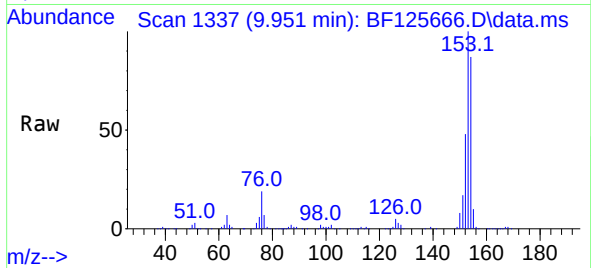
Tgt Ion: 172 Resp: 1285274
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 23.9 18.8 28.2





#52
Acenaphthene
Concen: 8.799 ng m
RT: 9.951 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF125666.D
Acq: 25 Sep 2021 20:11

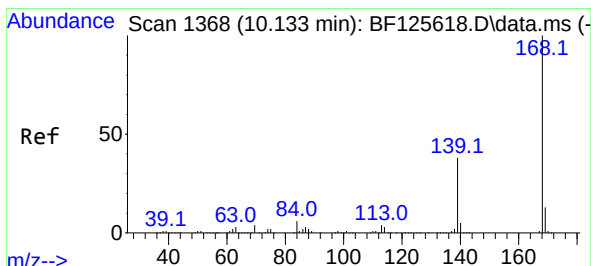
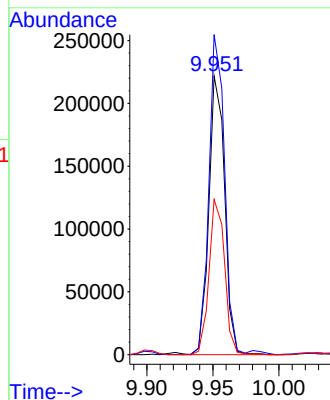
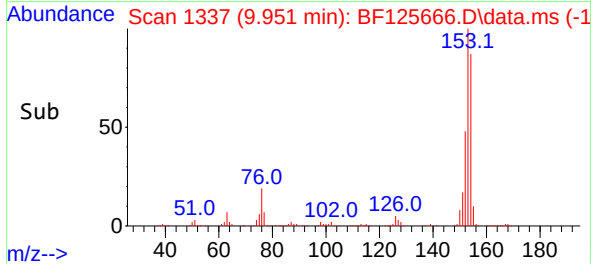
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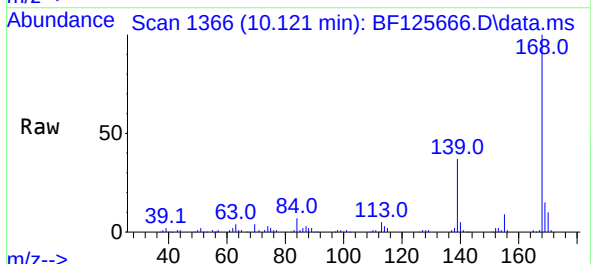
Tgt Ion:154 Resp: 184161
Ion Ratio Lower Upper
154 100
153 114.8 89.4 134.2
152 55.7 40.5 60.7

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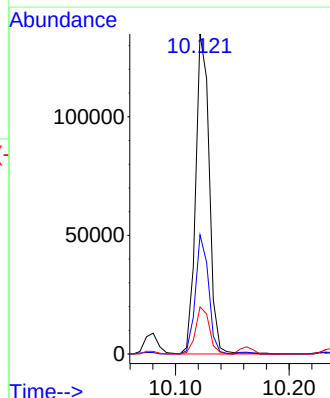
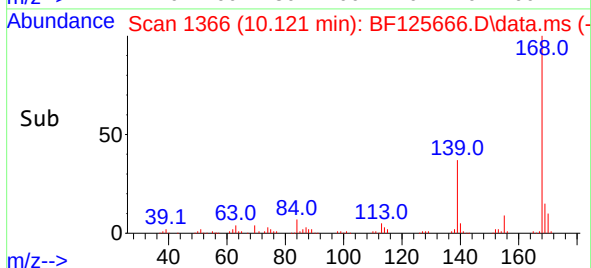
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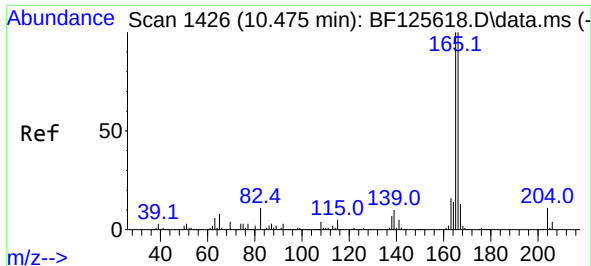


#55
Dibenzofuran
Concen: 3.588 ng
RT: 10.121 min Scan# 1366
Delta R.T. -0.012 min
Lab File: BF125666.D
Acq: 25 Sep 2021 20:11



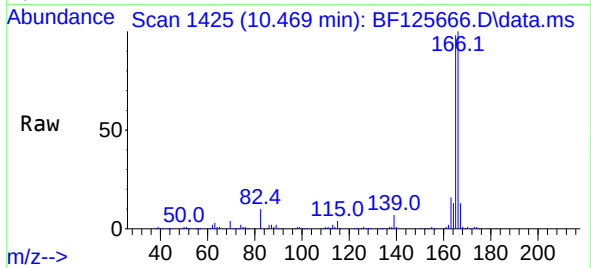
Tgt Ion:168 Resp: 112655
Ion Ratio Lower Upper
168 100
139 37.2 32.7 49.1
169 14.7 11.2 16.8





#58
Fluorene
Concen: 6.797 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF125666.D
Acq: 25 Sep 2021 20:11

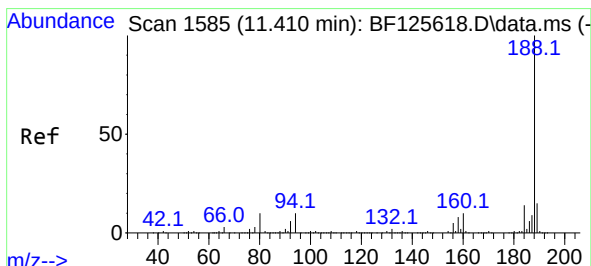
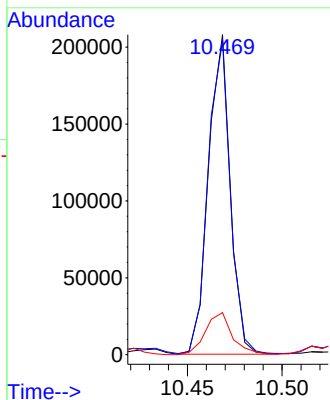
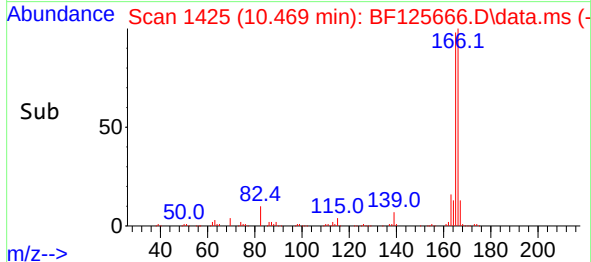
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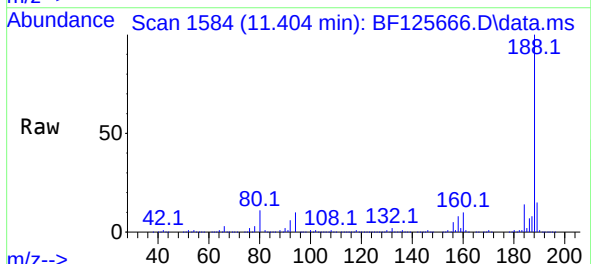
Tgt Ion:166 Resp: 166114
Ion Ratio Lower Upper
166 100
165 98.2 78.1 117.1
167 13.2 11.1 16.7

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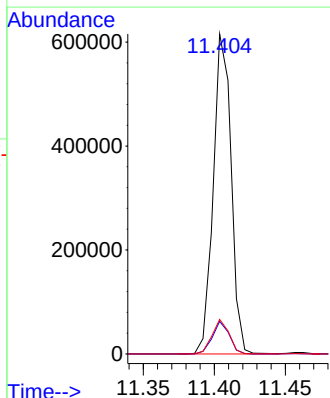
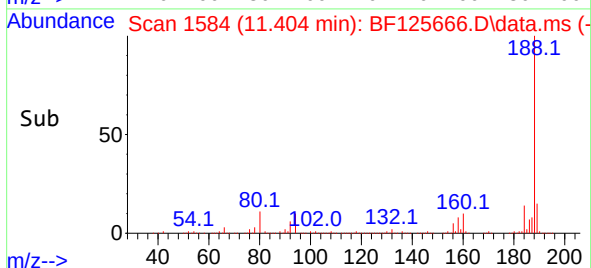
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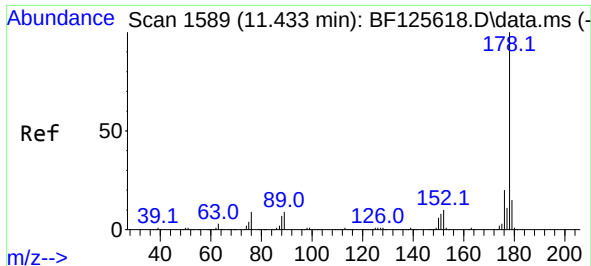


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125666.D
Acq: 25 Sep 2021 20:11



Tgt Ion:188 Resp: 538155
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 10.8 7.5 11.3





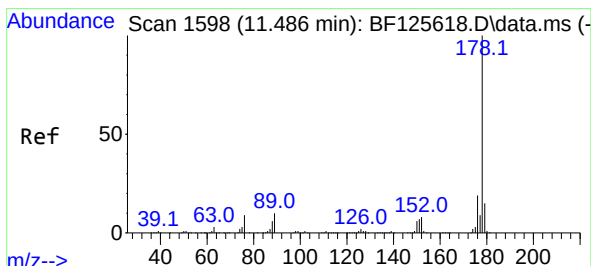
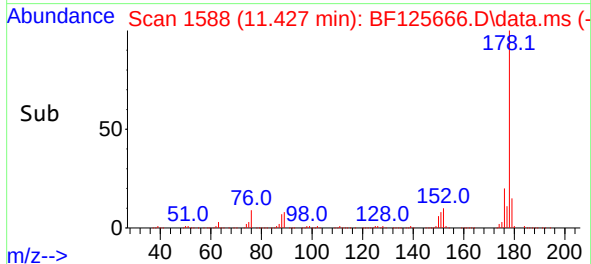
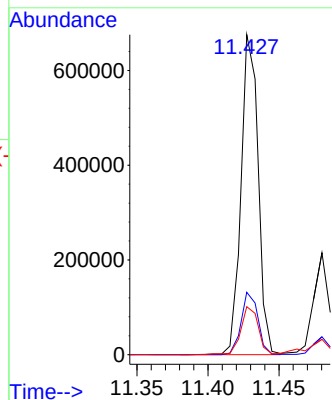
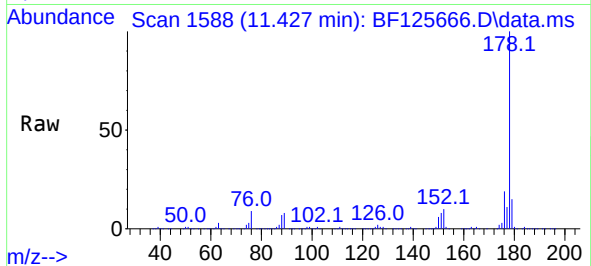
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Phenanthrene
Concen: 18.799 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF125666.D
Acq: 25 Sep 2021 20:11

Tgt Ion:178 Resp: 567312
Ion Ratio Lower Upper
178 100
176 19.5 14.7 22.1
179 15.0 11.5 17.3

Instrument :
BNA_F
ClientSampled :
124042

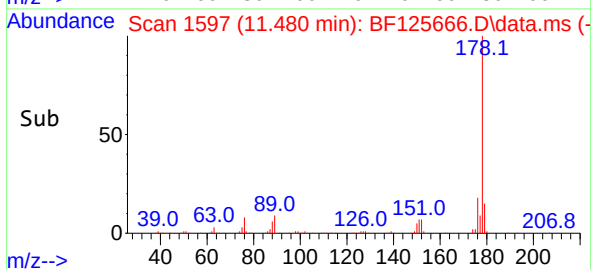
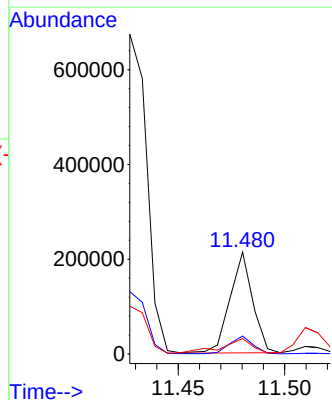
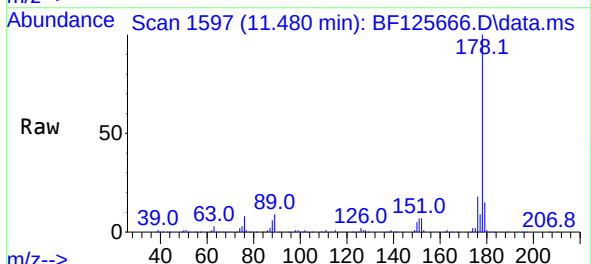
Manual Integrations
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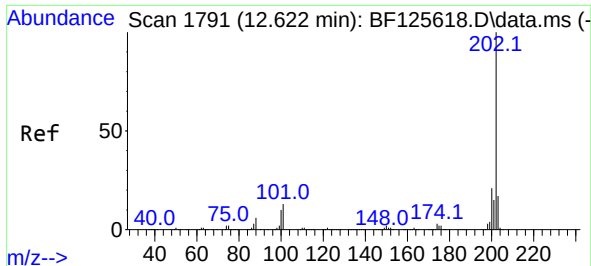
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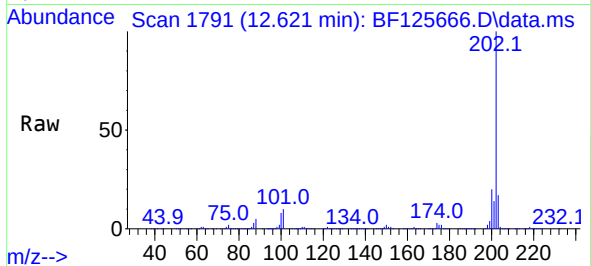
#72
Anthracene
Concen: 5.290 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF125666.D
Acq: 25 Sep 2021 20:11

Tgt Ion:178 Resp: 157738
Ion Ratio Lower Upper
178 100
176 17.6 14.3 21.5
179 15.1 12.2 18.4

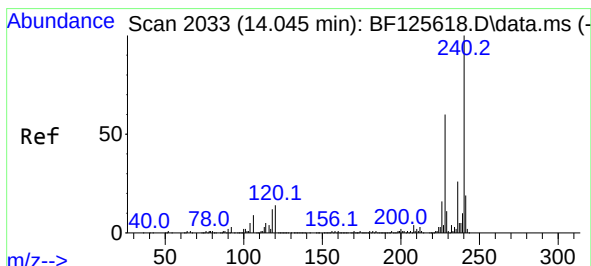
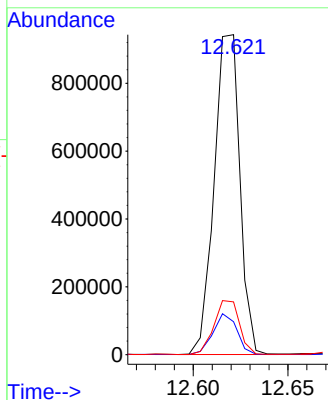
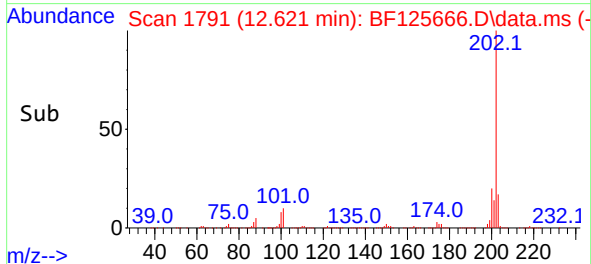




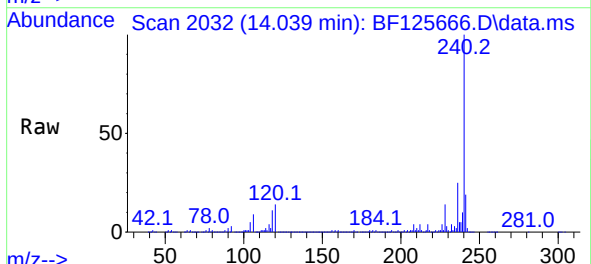
#75
Fluoranthene
Concen: 27.688 ng
RT: 12.621 min Scan# 1791
Delta R.T. -0.001 min
Lab File: BF125666.D
Acq: 25 Sep 2021 20:11



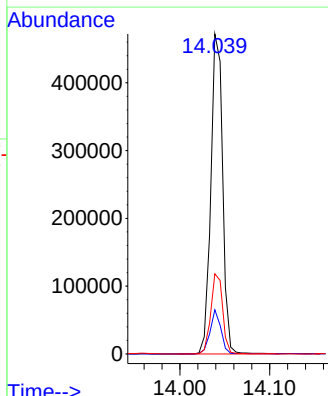
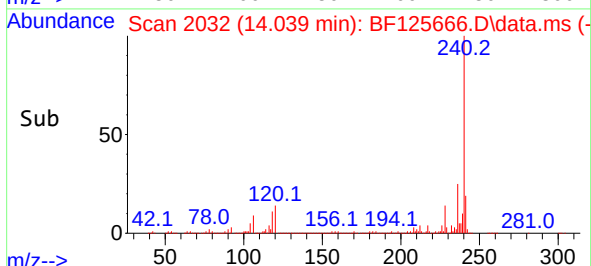
Tgt Ion: 202 Resp: 893000
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.7
203 16.5 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125666.D
Acq: 25 Sep 2021 20:11



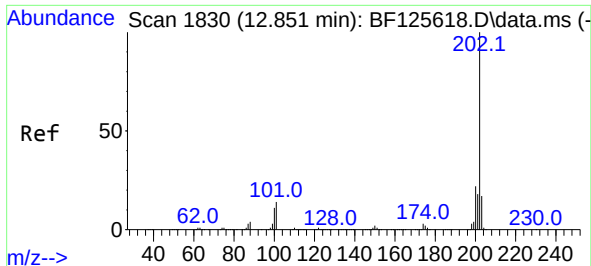
Tgt Ion: 240 Resp: 432153
Ion Ratio Lower Upper
240 100
120 13.8 10.8 16.2
236 25.1 21.6 32.4



Instrument :
BNA_F
ClientSampleId :
124042

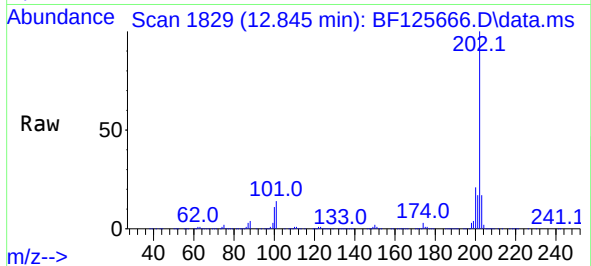
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#78
Pyrene
Concen: 15.882 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF125666.D
Acq: 25 Sep 2021 20:11

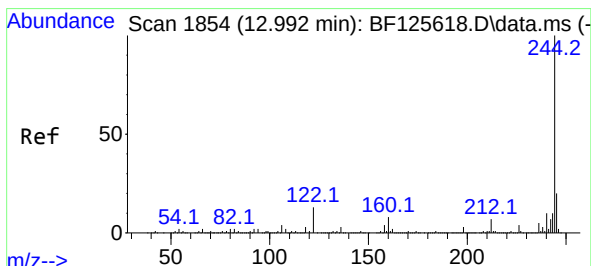
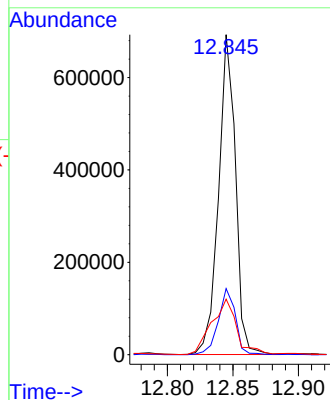
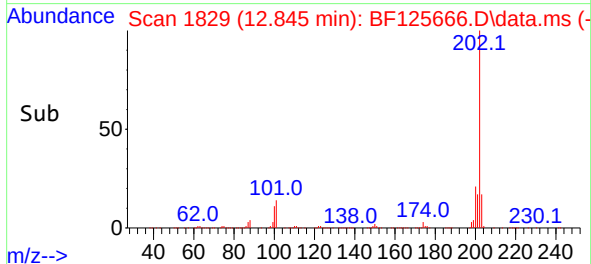
Instrument :
BNA_F
ClientSampleId :
124042



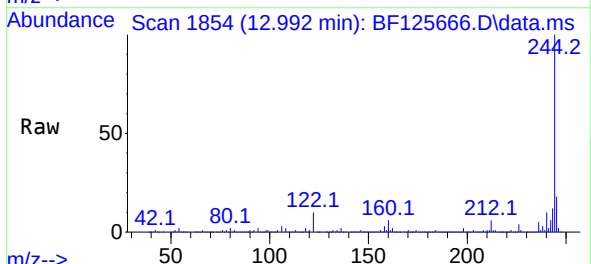
Tgt Ion:202 Resp: 620276
Ion Ratio Lower Upper
202 100
200 20.7 15.3 22.9
203 17.4 13.4 20.0

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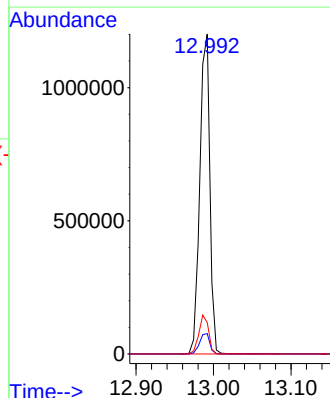
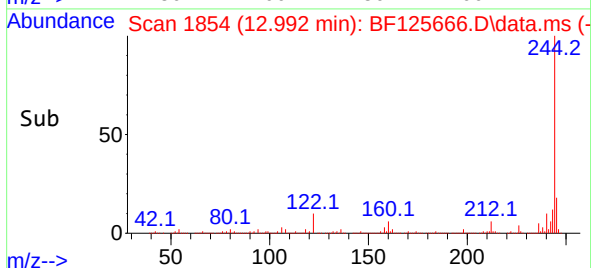
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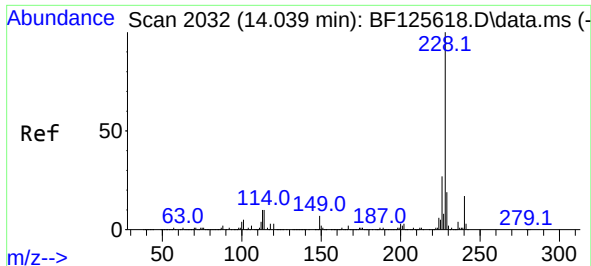


#79
Terphenyl-d14
Concen: 43.222 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF125666.D
Acq: 25 Sep 2021 20:11



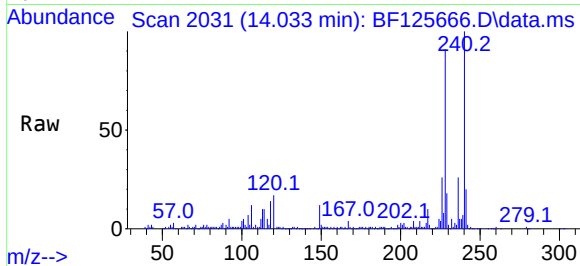
Tgt Ion:244 Resp: 1078590
Ion Ratio Lower Upper
244 100
212 6.3 5.9 8.9
122 9.8 9.0 13.4





#81
Benzo(a)anthracene
Concen: 5.617 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF125666.D
Acq: 25 Sep 2021 20:11

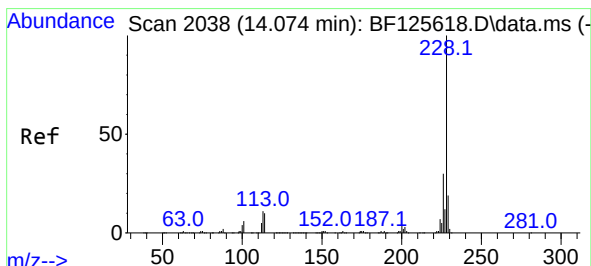
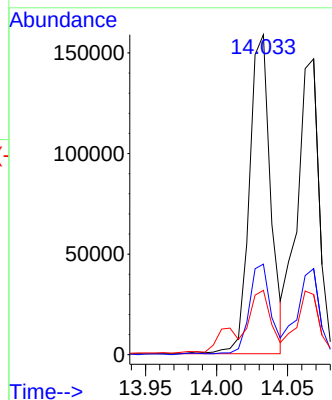
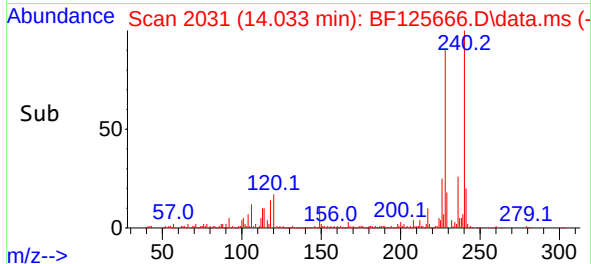
Instrument :
BNA_F
ClientSampled :
124042



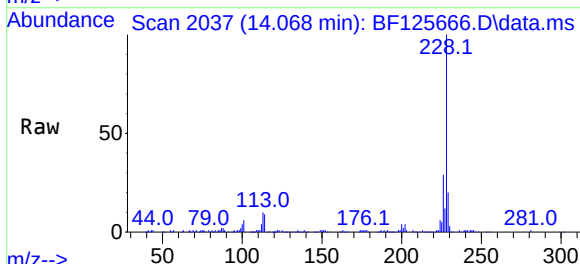
Tgt Ion:228 Resp: 164881
Ion Ratio Lower Upper
228 100
226 28.3 21.6 32.4
229 20.1 15.6 23.4

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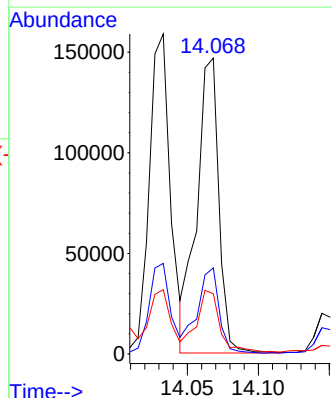
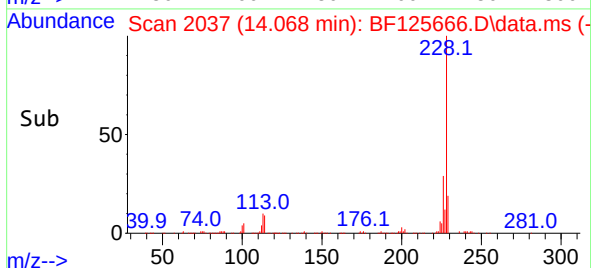
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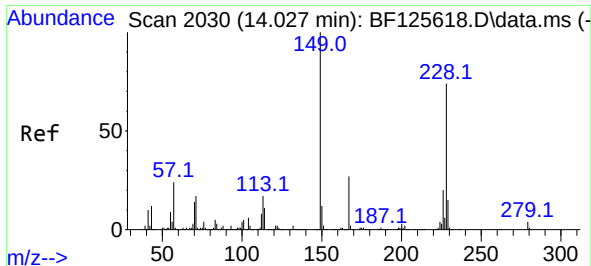


#83
Chrysene
Concen: 5.389 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF125666.D
Acq: 25 Sep 2021 20:11



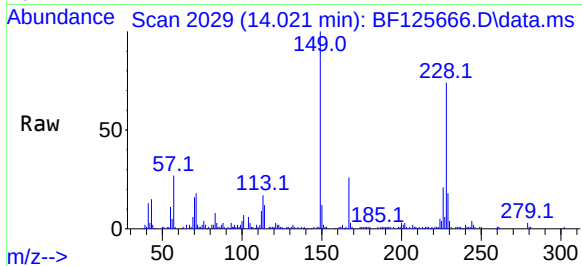
Tgt Ion:228 Resp: 158763
Ion Ratio Lower Upper
228 100
226 29.1 22.6 34.0
229 20.3 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.495 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF125666.D
Acq: 25 Sep 2021 20:11

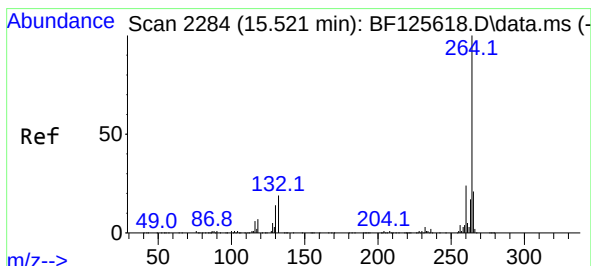
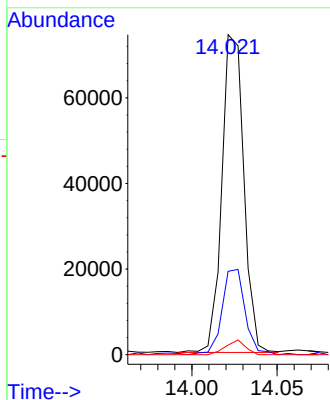
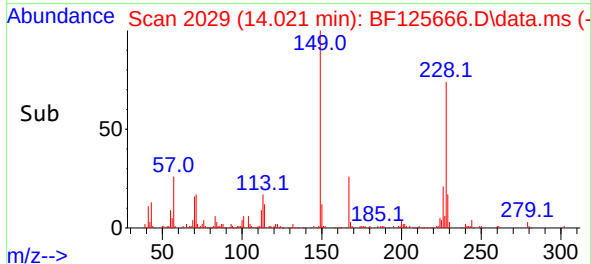
Instrument :
BNA_F
ClientSampled :
124042



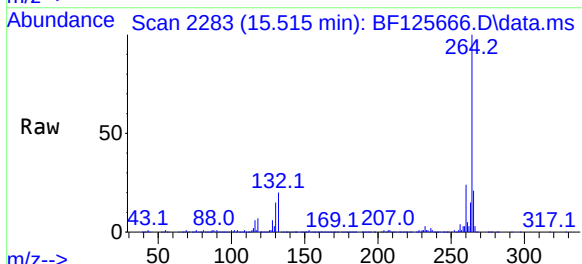
Tgt Ion:149 Resp: 66549
Ion Ratio Lower Upper
149 100
167 26.0 21.4 32.0
279 3.0 2.6 4.0

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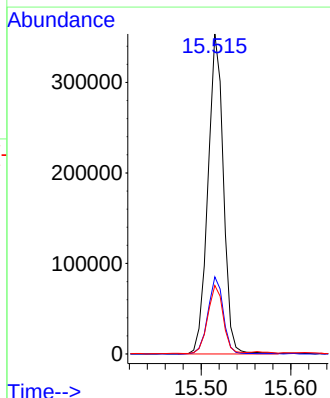
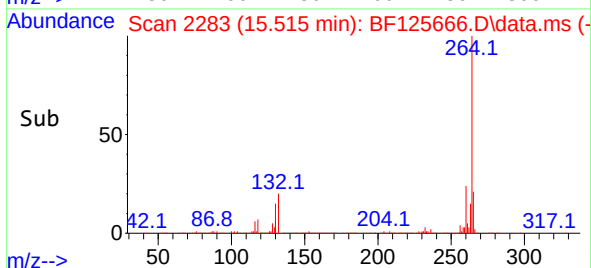
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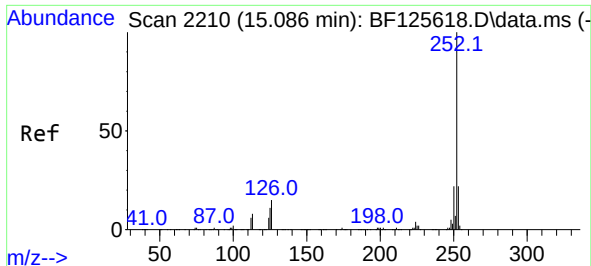


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF125666.D
Acq: 25 Sep 2021 20:11



Tgt Ion:264 Resp: 422996
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 21.4 17.2 25.8





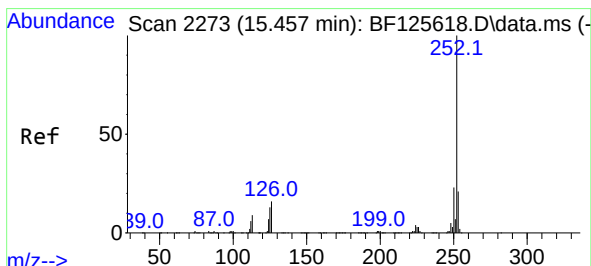
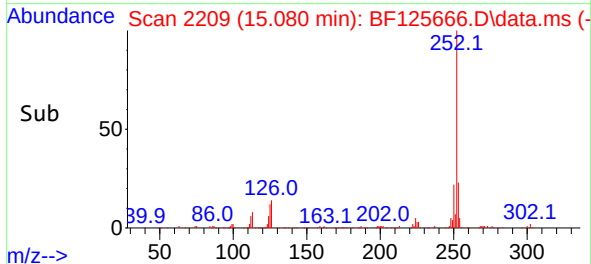
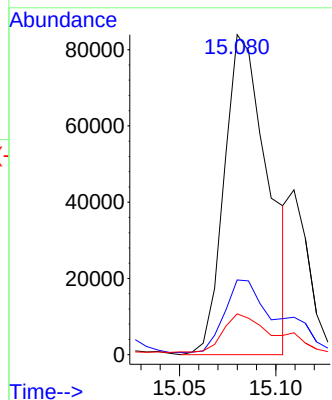
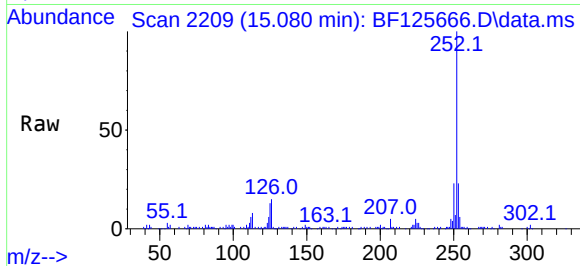
#88
Benzo(b)fluoranthene
Concen: 4.472 ng m
RT: 15.080 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BF125666.D
Acq: 25 Sep 2021 20:11

Tgt Ion:252 Resp: 132540
Ion Ratio Lower Upper
252 100
253 23.4 16.8 25.2
125 12.8 9.8 14.8

Instrument :
BNA_F
ClientSampled :
124042

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.635 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF125666.D
Acq: 25 Sep 2021 20:11

Tgt Ion:252 Resp: 69525
Ion Ratio Lower Upper
252 100
253 21.6 18.4 27.6
125 11.1 9.9 14.9

