

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
 Data File : BF125638.D
 Acq On : 25 Sep 2021 00:27
 Operator : JU/CG
 Sample : M3872-03DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-LPA-01DL

Manual Integrations
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Quant Time: Sep 25 03:02:39 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	6.887	152	231504	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	909281	20.00	ng	# 0.00
39) Acenaphthene-d10	9.922	164	455229	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	671591	20.00	ng	0.00
76) Chrysene-d12	14.039	240	462701	20.00	ng	0.00
86) Perylene-d12	15.515	264	532908	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	512891	36.50	ng	0.00
7) Phenol-d6	6.498	99	625661	33.12	ng	-0.01
23) Nitrobenzene-d5	7.439	82	361520	27.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	141305	33.29	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	773179	20.34	ng	-0.01
79) Terphenyl-d14	12.986	244	587356	21.98	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.192	128	2630577	56.34	ng	98
37) 2-Methylnaphthalene	8.886	142	2009248	63.45	ng	97
38) 1-Methylnaphthalene	8.986	142	1899351	63.47	ng	100
46) 1,1'-Biphenyl	9.345	154	149264	4.45	ng	98
49) Acenaphthylene	9.780	152	137217	3.28	ng	# 69
52) Acenaphthene	9.957	154	368133	14.03	ng	94
55) Dibenzofuran	10.128	168	136684	3.47	ng	# 79
58) Fluorene	10.469	166	581074	18.97	ng	98
66) n-Nitrosodiphenylamine	10.580	169	71283	3.09	ng	# 77
71) Phenanthrene	11.433	178	1944628	51.64	ng	96
72) Anthracene	11.480	178	477305	12.83	ng	99
75) Fluoranthene	12.621	202	524753	13.04	ng	98
78) Pyrene	12.851	202	952810	22.79	ng	97
81) Benzo(a)anthracene	14.033	228	251734m	8.01	ng	
83) Chrysene	14.068	228	236563	7.50	ng	97
88) Benzo(b)fluoranthene	15.086	252	162245m	4.35	ng	
90) Benzo(a)pyrene	15.451	252	191949	5.78	ng	99
92) Benzo(g,h,i)perylene	17.433	276	69363	2.25	ng	96

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

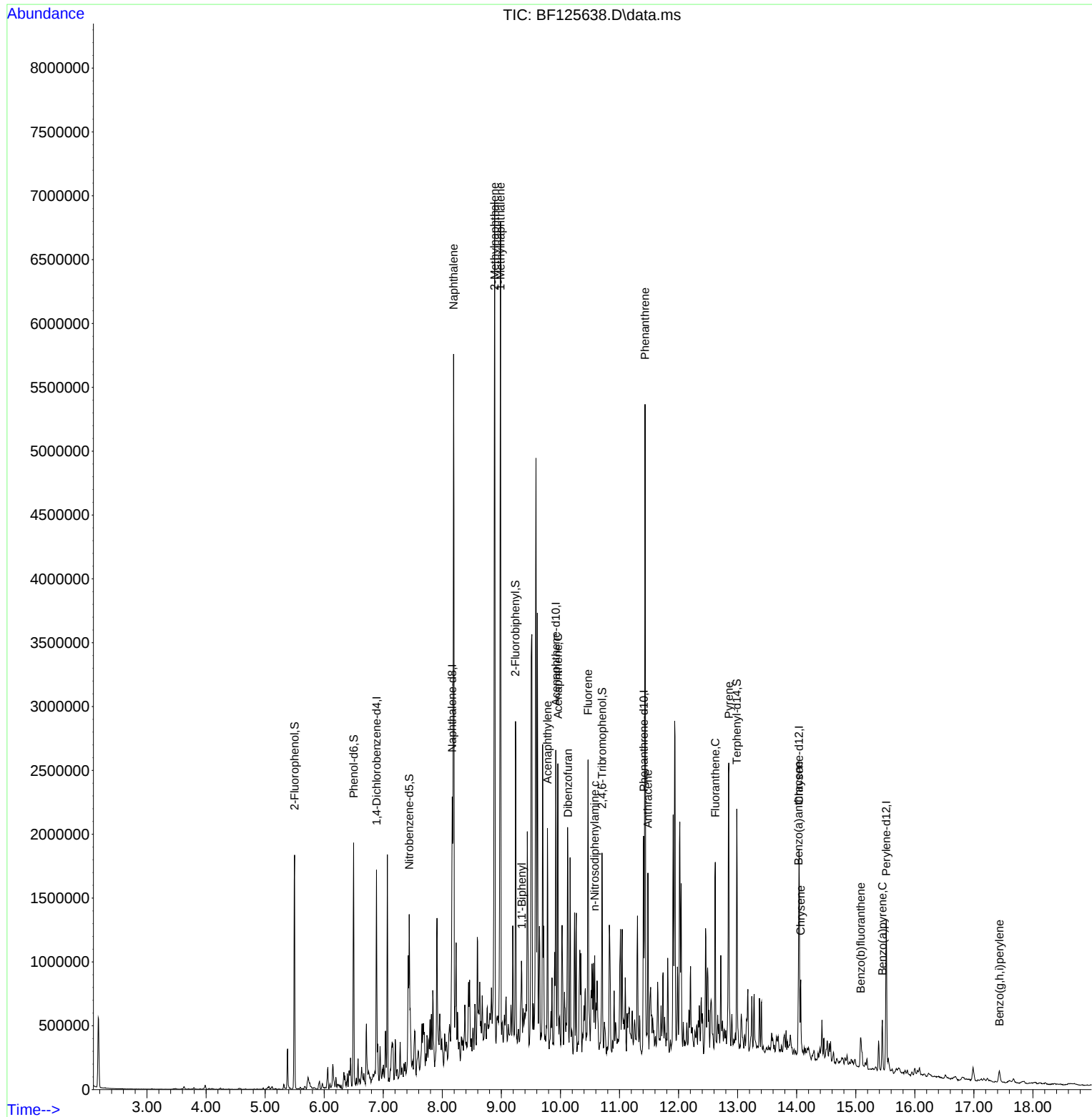
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Data File : BF125638.D
Acq On : 25 Sep 2021 00:27
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ALS Vial : 15 Sample Multiplier: 1

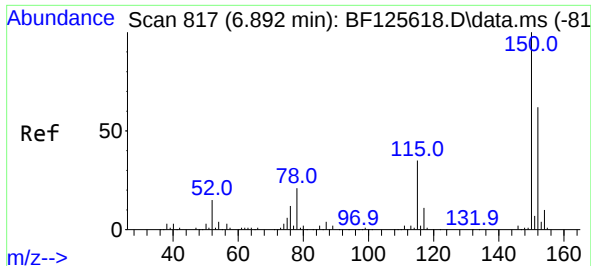
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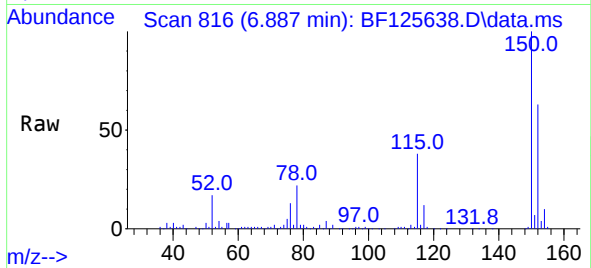
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Quant Time: Sep 25 03:02:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration

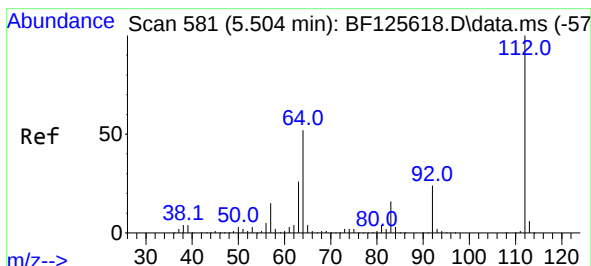
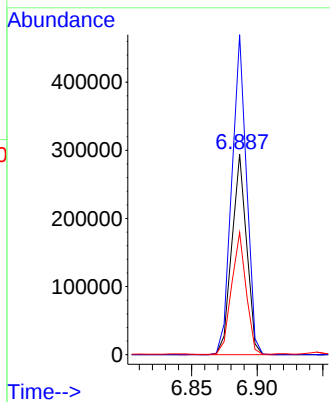
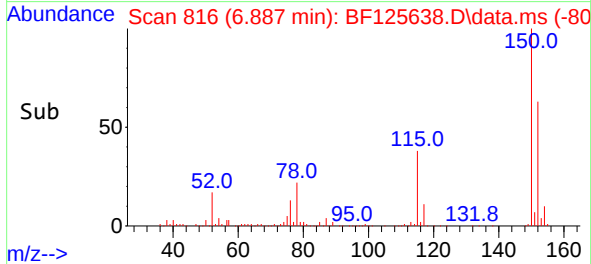




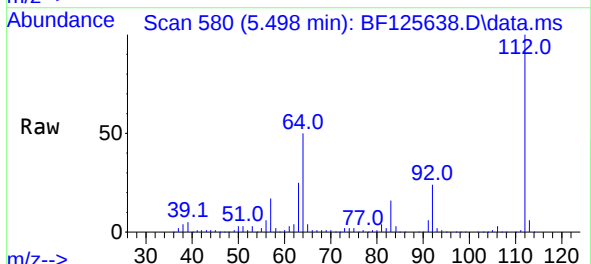
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27



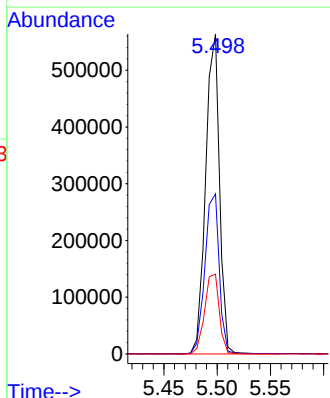
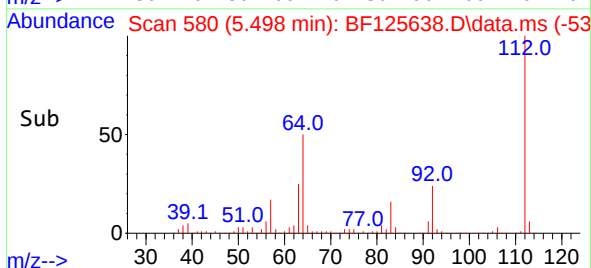
Tgt Ion:152 Resp: 231504
Ion Ratio Lower Upper
152 100
150 159.5 117.6 176.4
115 60.9 47.1 70.7



#5
2-Fluorophenol
Concen: 36.50 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.006 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27



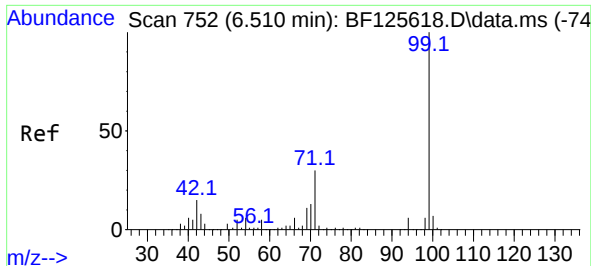
Tgt Ion:112 Resp: 512891
Ion Ratio Lower Upper
112 100
64 50.0 44.2 66.2
63 25.0 26.2 39.2#



Instrument :
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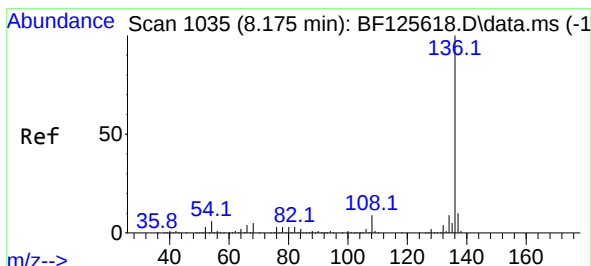
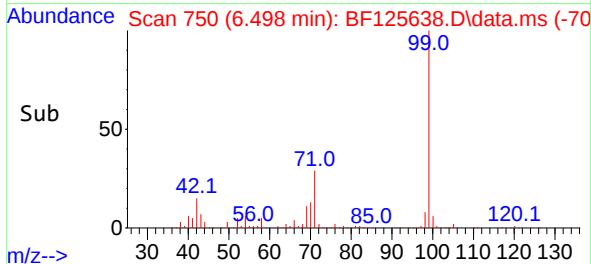
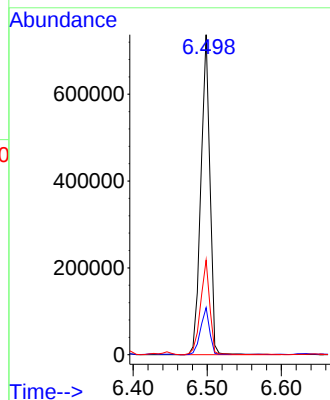
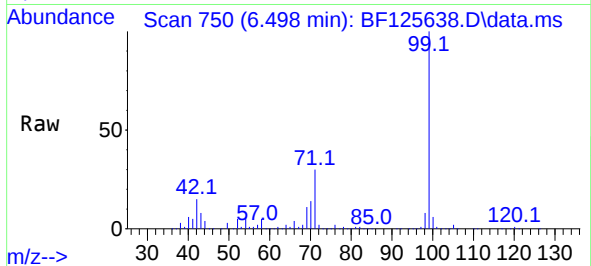
#7
Phenol-d6
Concen: 33.12 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27

Tgt Ion: 99 Resp: 625661
Ion Ratio Lower Upper
99 100
42 14.7 23.5 35.3#
71 29.6 25.6 38.4

Instrument :
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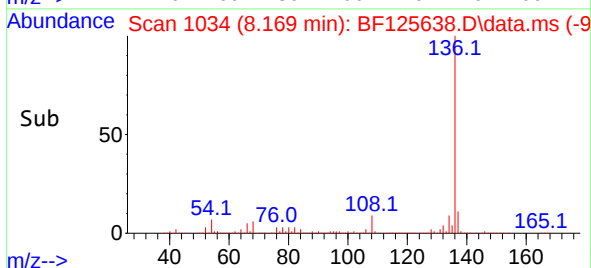
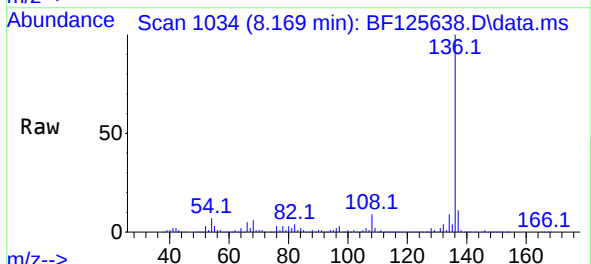
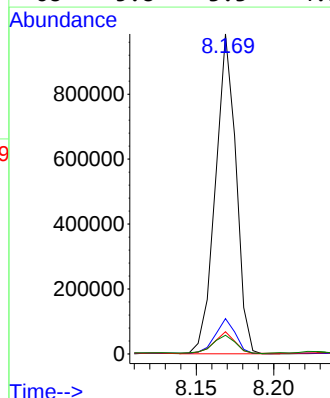
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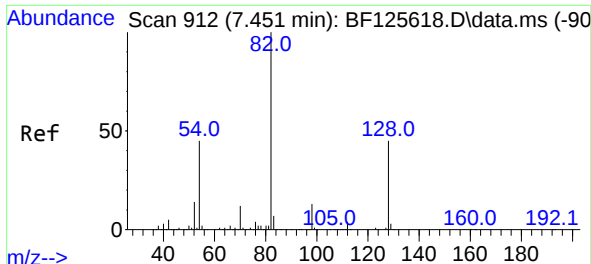
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27

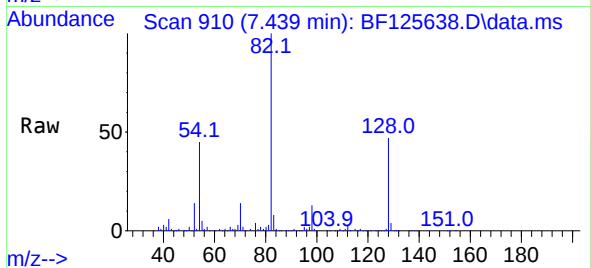
Tgt Ion: 136 Resp: 909281
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 6.9 6.4 9.6
68 5.8 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 27.73 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27

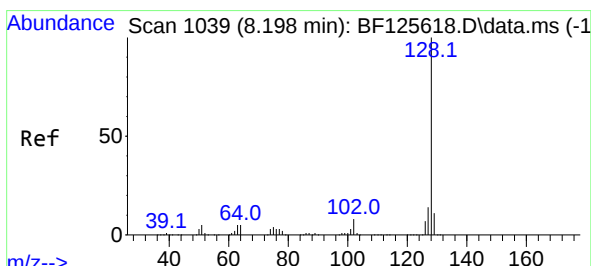
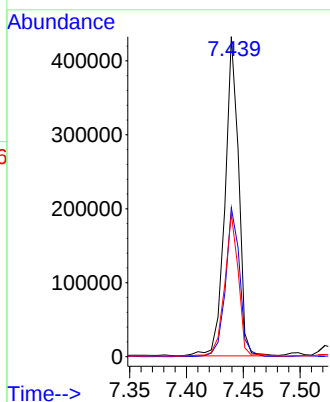
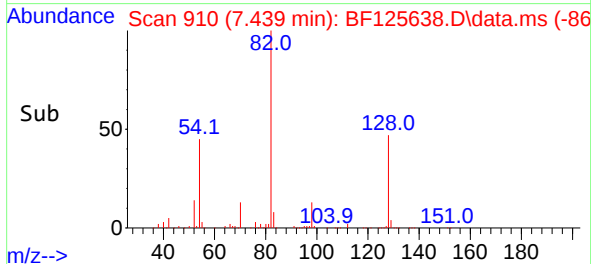
Instrument :
BNA_F
ClientSampleID :
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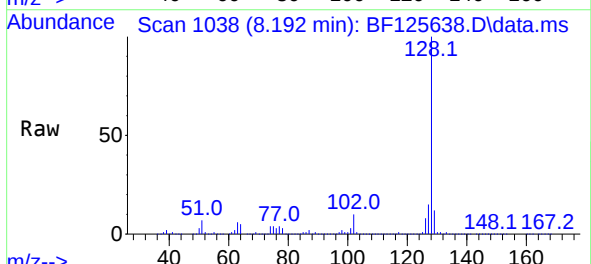
Tgt Ion: 82 Resp: 361520
Ion Ratio Lower Upper
82 100
128 46.5 40.6 60.8
54 44.7 49.6 74.4#

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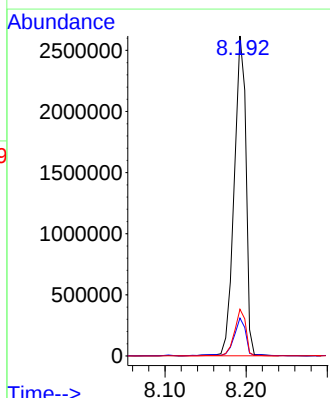
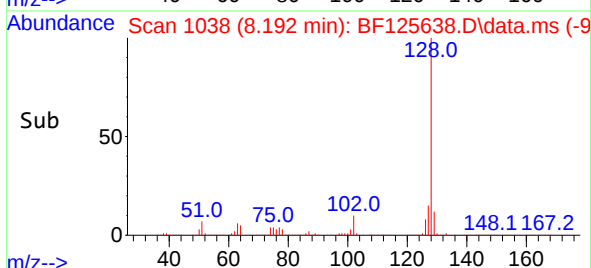
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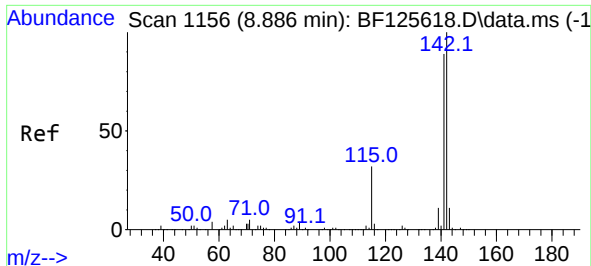


#31
Naphthalene
Concen: 56.34 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27



Tgt Ion: 128 Resp: 2630577
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 14.6 10.9 16.3





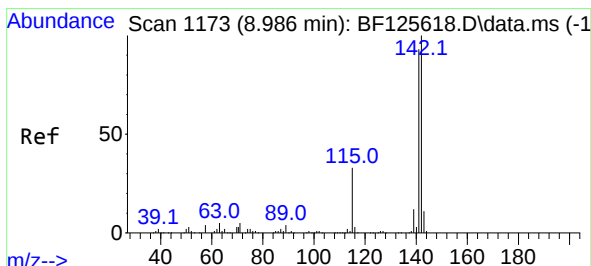
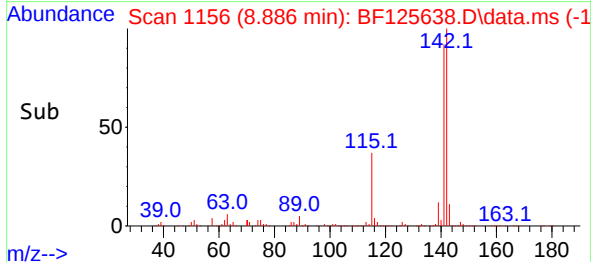
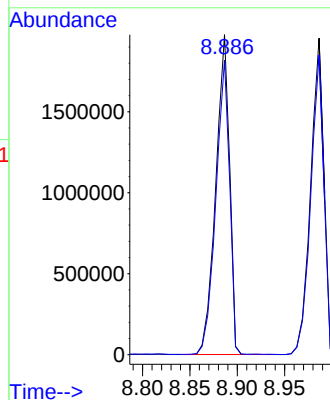
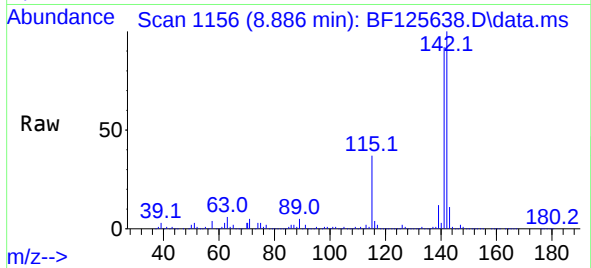
#37
2-Methylnaphthalene
Concen: 63.45 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27

Tgt Ion:142 Resp: 2009248
Ion Ratio Lower Upper
142 100
141 92.1 71.2 106.8

Instrument :
BNA_F
ClientSampleId :
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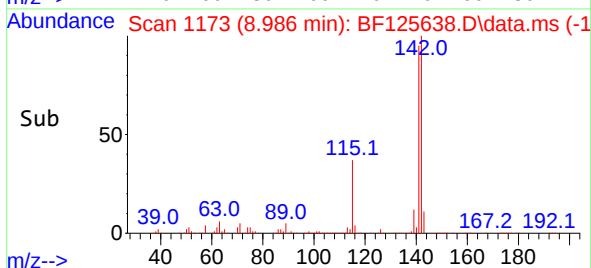
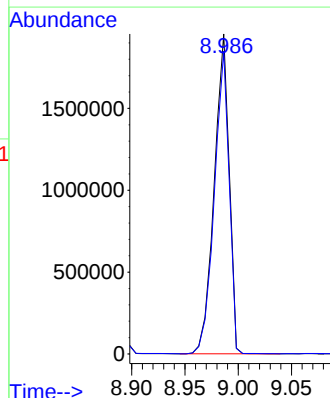
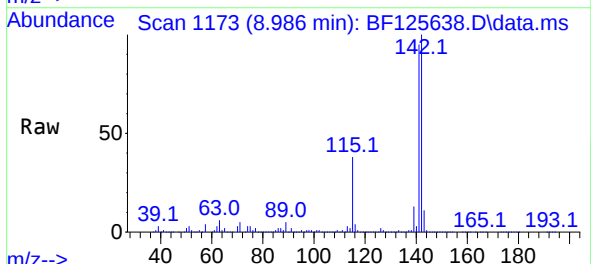
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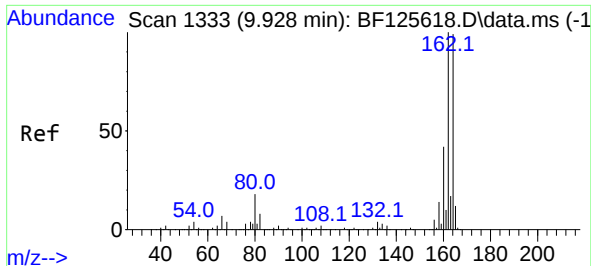
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#38
1-Methylnaphthalene
Concen: 63.47 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27

Tgt Ion:142 Resp: 1899351
Ion Ratio Lower Upper
142 100
141 94.7 76.0 114.0





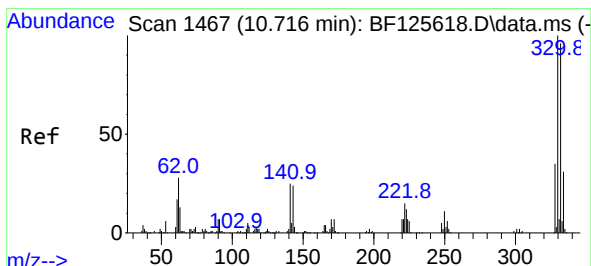
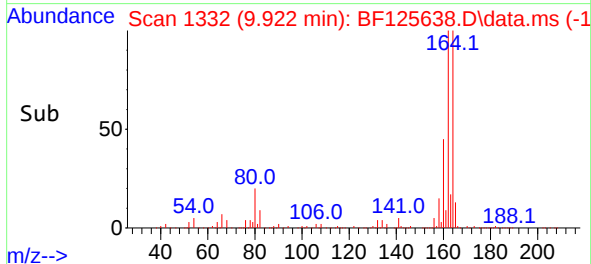
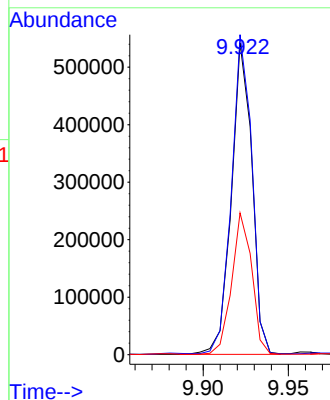
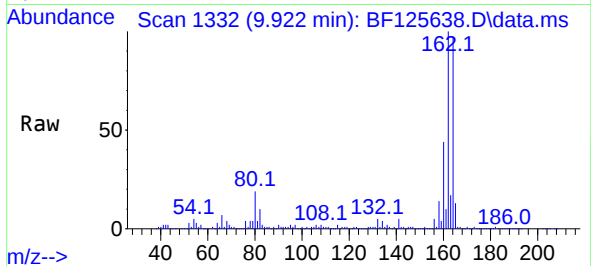
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27

Tgt Ion:164 Resp: 455229
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 45.5 38.0 57.0

Instrument :
BNA_F
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SP-LPA-01DL

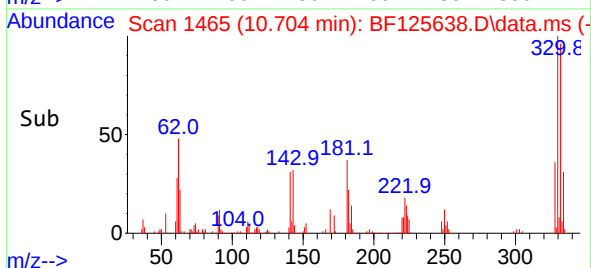
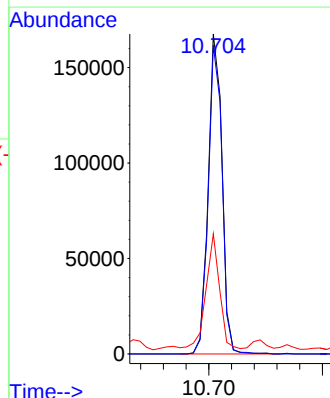
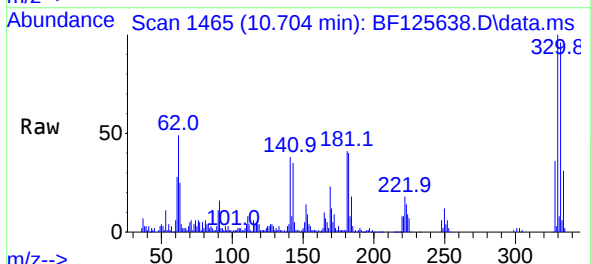
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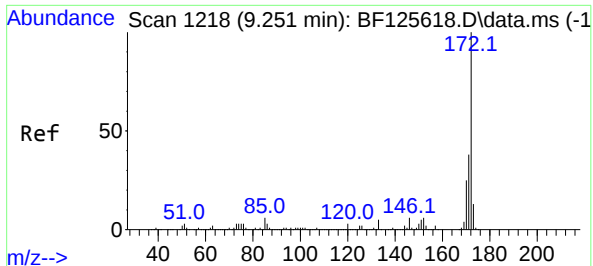
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#42
2,4,6-Tribromophenol
Concen: 33.29 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27

Tgt Ion:330 Resp: 141305
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 37.4 44.6 66.8#





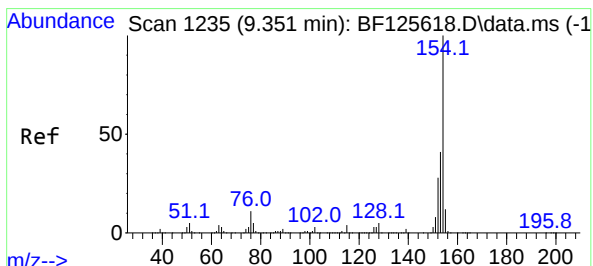
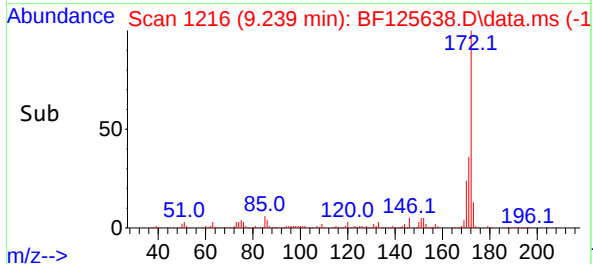
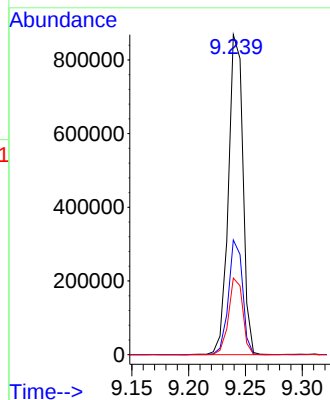
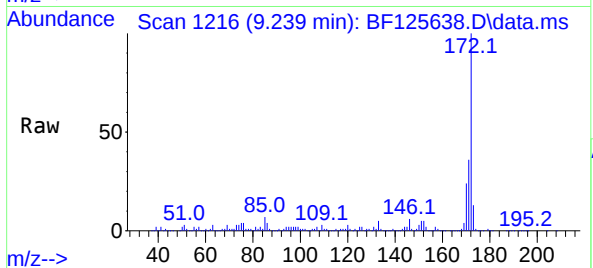
#45
2-Fluorobiphenyl
Concen: 20.34 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27

Tgt Ion:172 Resp: 773179
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.0 18.8 28.2

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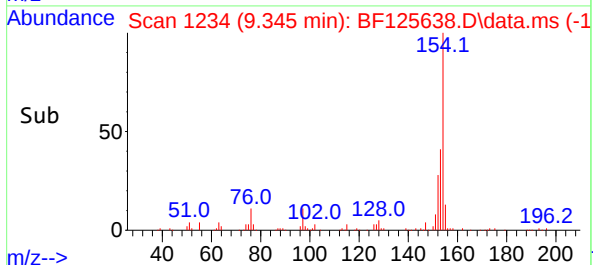
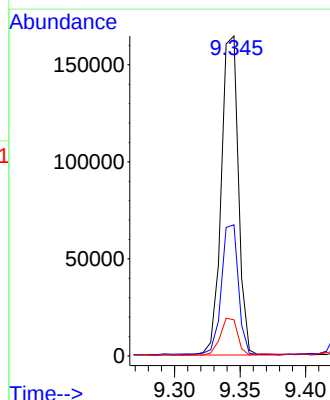
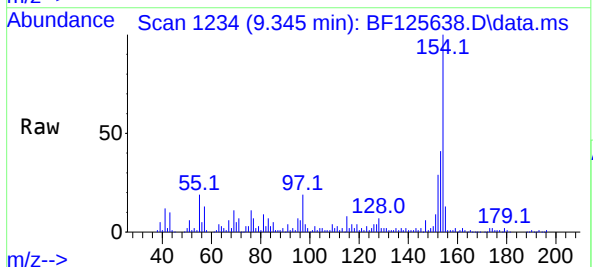
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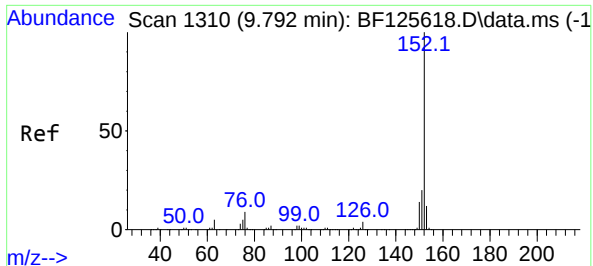
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#46
1,1'-Biphenyl
Concen: 4.45 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27

Tgt Ion:154 Resp: 149264
Ion Ratio Lower Upper
154 100
153 41.0 20.0 60.0
76 11.3 0.0 30.3





#49

Acenaphthylene

Concen: 3.28 ng

RT: 9.780 min Scan# 1308

Delta R.T. -0.012 min

Lab File: BF125638.D

Acq: 25 Sep 2021 00:27

Tgt Ion:	152	Resp:	137217
Ion Ratio	Lower	Upper	
152	100		
151	22.9	15.7	23.5
153	38.8	9.8	14.8#

Instrument :

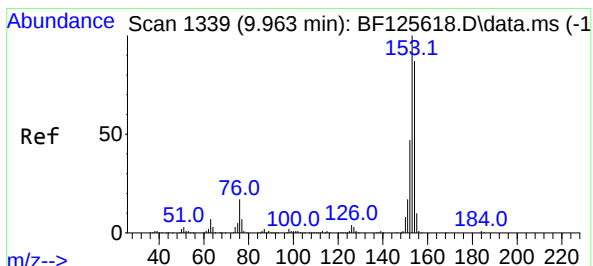
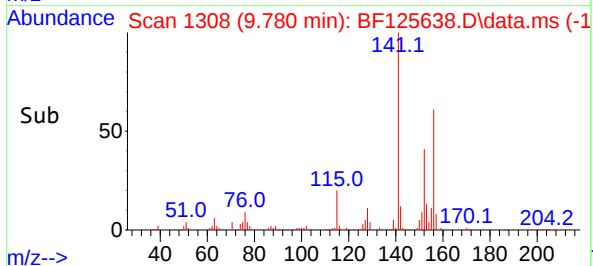
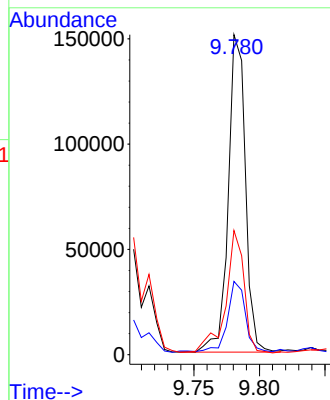
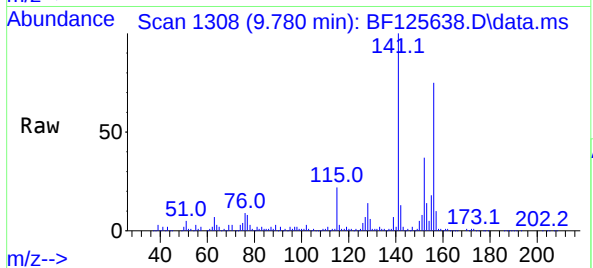
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ClientSampleId :

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#52

Acenaphthene

Concen: 14.03 ng

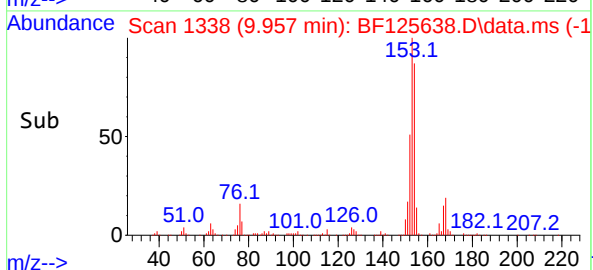
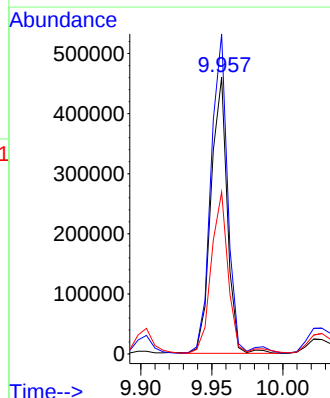
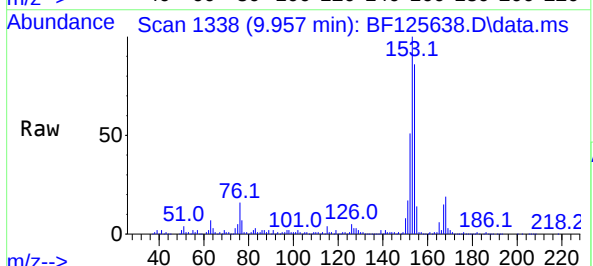
RT: 9.957 min Scan# 1338

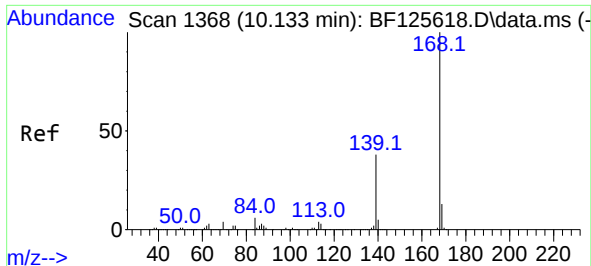
Delta R.T. -0.006 min

Lab File: BF125638.D

Acq: 25 Sep 2021 00:27

Tgt Ion:	154	Resp:	368133
Ion Ratio	Lower	Upper	
154	100		
153	115.6	89.4	134.2
152	58.5	40.5	60.7





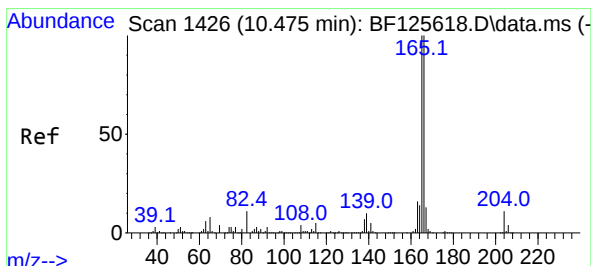
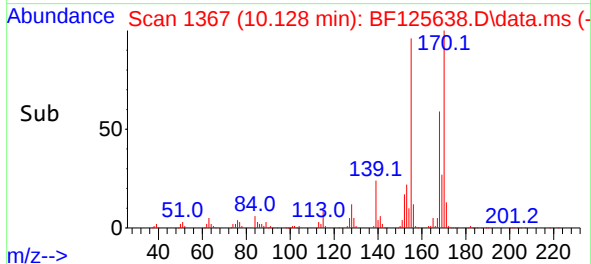
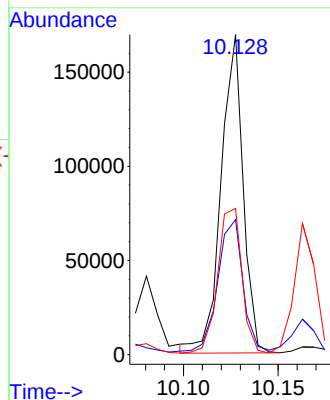
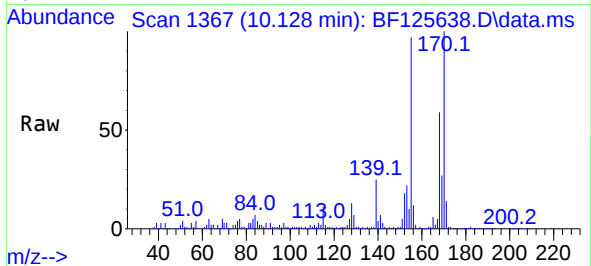
#55
Dibenzenofuran
Concen: 3.47 ng
RT: 10.128 min Scan# 1367
Delta R.T. -0.005 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27

Tgt Ion:168 Resp: 136684
Ion Ratio Lower Upper
168 100
139 42.2 32.7 49.1
169 45.7 11.2 16.8#

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01DL

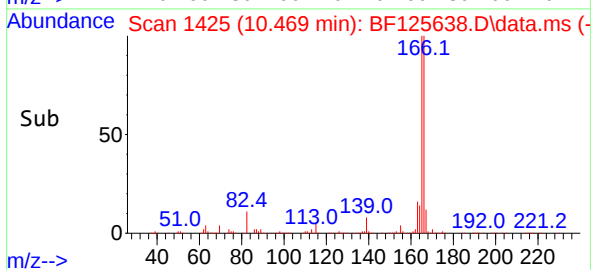
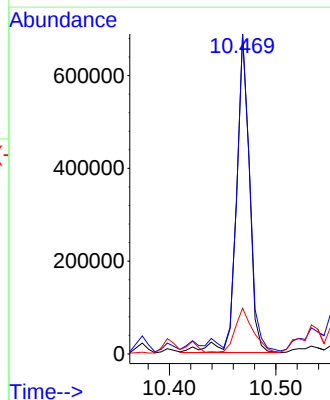
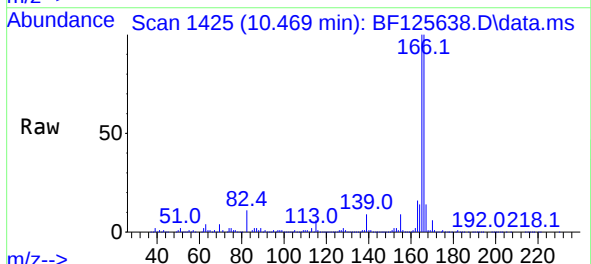
Manual Integrations
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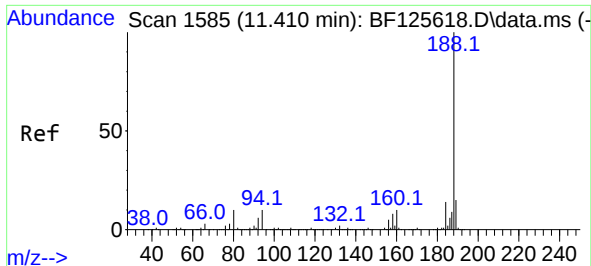
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#58
Fluorene
Concen: 18.97 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27

Tgt Ion:166 Resp: 581074
Ion Ratio Lower Upper
166 100
165 100.1 78.1 117.1
167 14.3 11.1 16.7





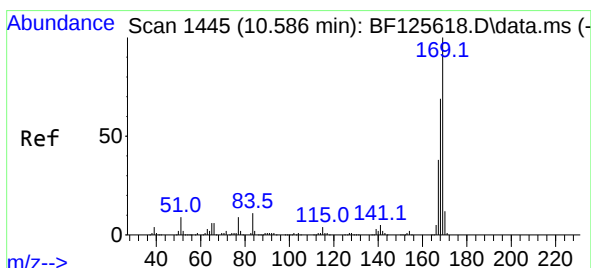
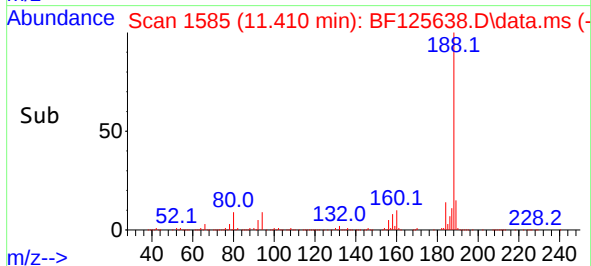
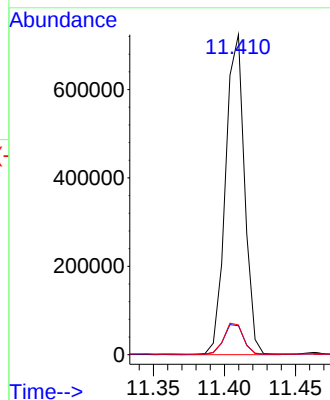
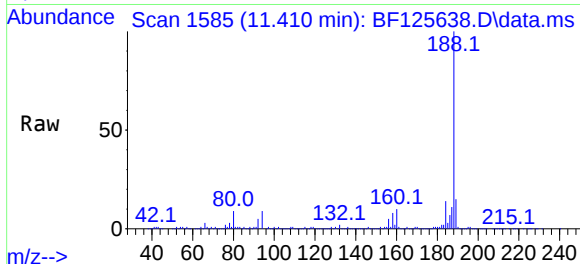
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01DL

Tgt Ion:188 Resp: 671591
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 9.3 7.5 11.3

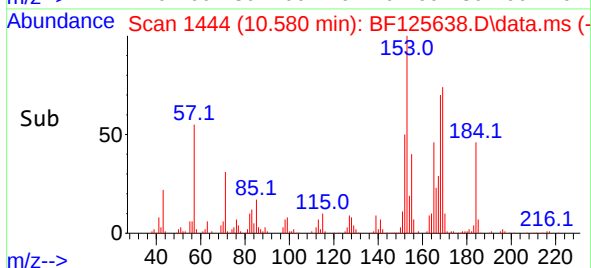
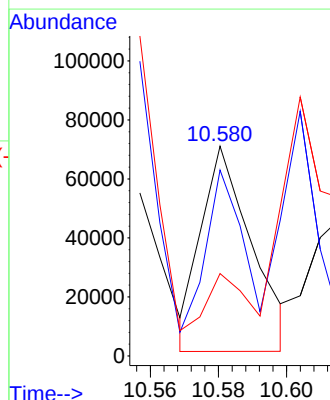
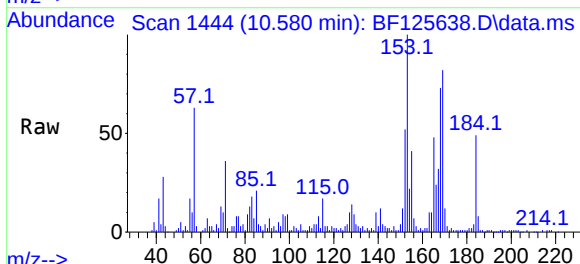
Manual Integrations
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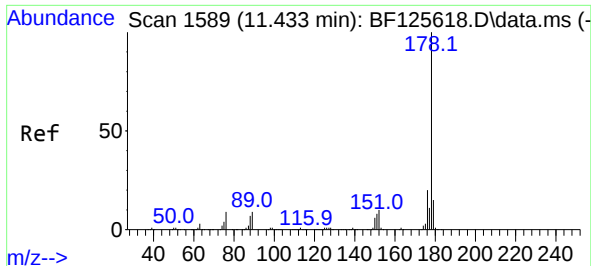
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#66
n-Nitrosodiphenylamine
Concen: 3.09 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27

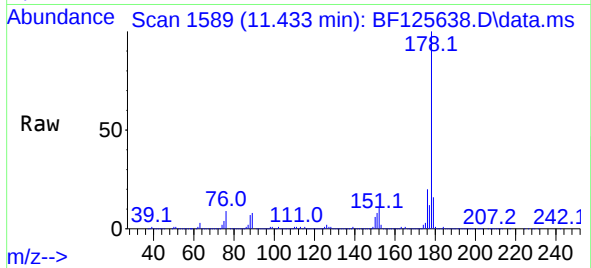
Tgt Ion:169 Resp: 71283
Ion Ratio Lower Upper
169 100
168 88.7 50.8 76.2#
167 39.3 28.8 43.2





#71
Phenanthrene
Concen: 51.64 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27

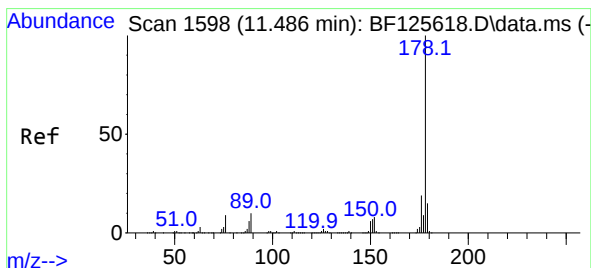
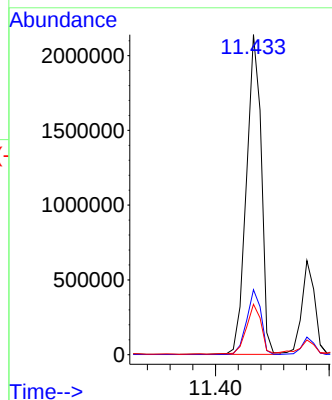
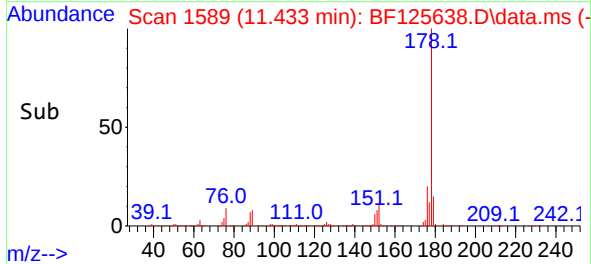
Instrument :
BNA_F
ClientSampleId :
SP-LPA-01DL



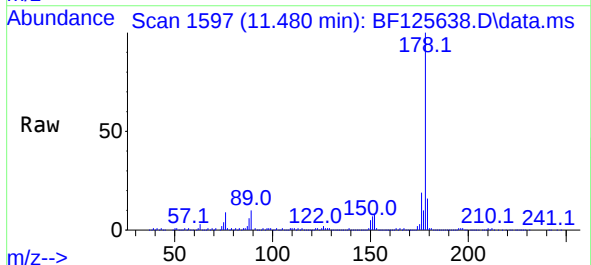
Tgt Ion:178 Resp: 1944628
Ion Ratio Lower Upper
178 100
176 20.3 14.7 22.1
179 15.7 11.5 17.3

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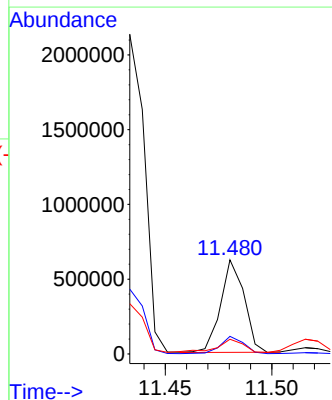
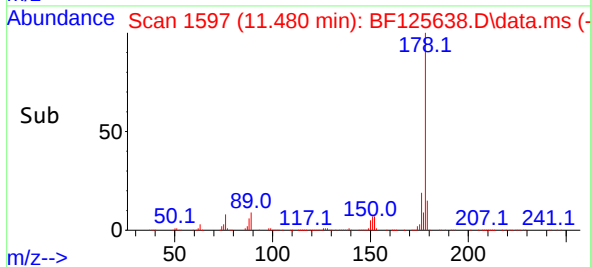
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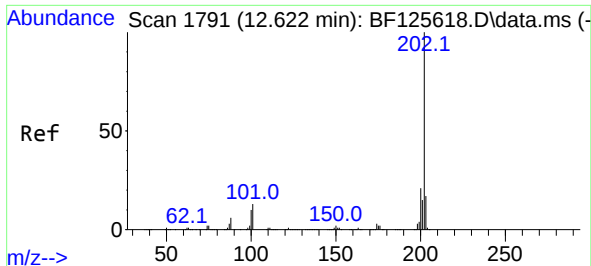


#72
Anthracene
Concen: 12.83 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27



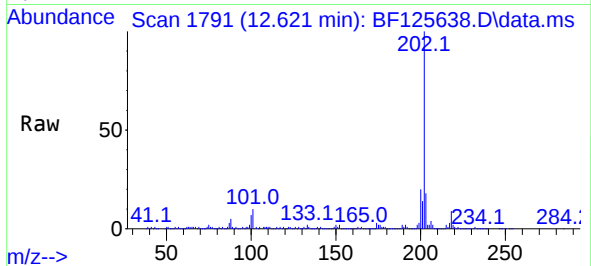
Tgt Ion:178 Resp: 477305
Ion Ratio Lower Upper
178 100
176 18.7 14.3 21.5
179 15.6 12.2 18.4





#75
Fluoranthene
Concen: 13.04 ng
RT: 12.621 min Scan# 1791
Delta R.T. -0.001 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27

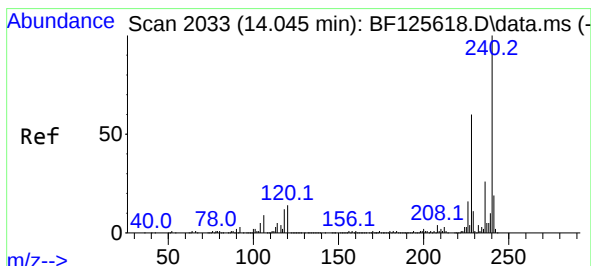
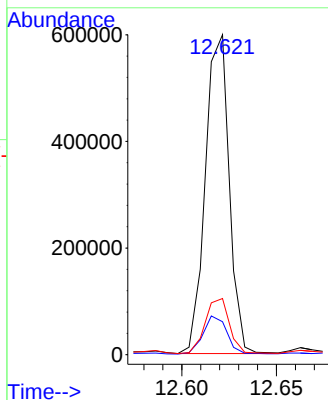
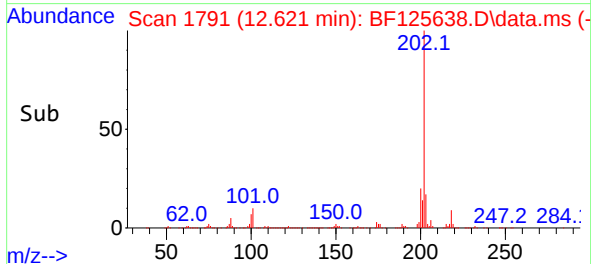
Instrument :
BNA_F
ClientSampleId :
SP-LPA-01DL



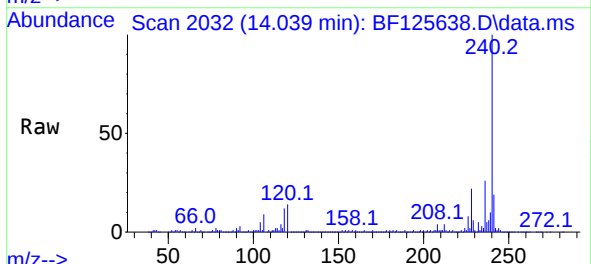
Tgt Ion:202 Resp: 524753
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.7
203 17.6 0.0 36.3

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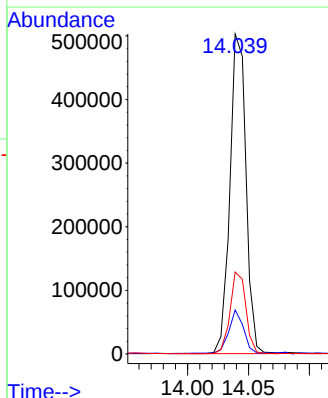
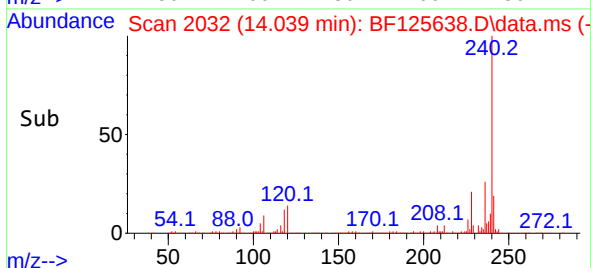
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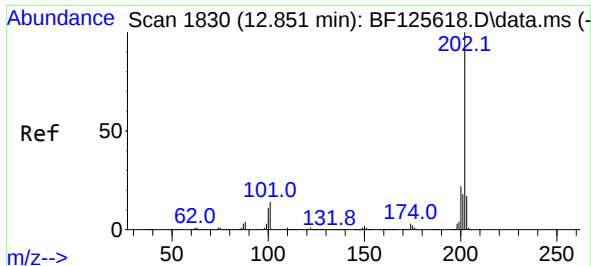


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27



Tgt Ion:240 Resp: 462701
Ion Ratio Lower Upper
240 100
120 13.8 10.8 16.2
236 25.6 21.6 32.4





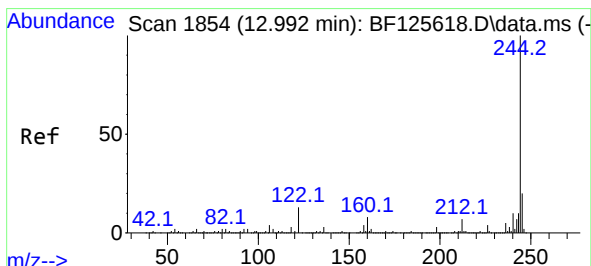
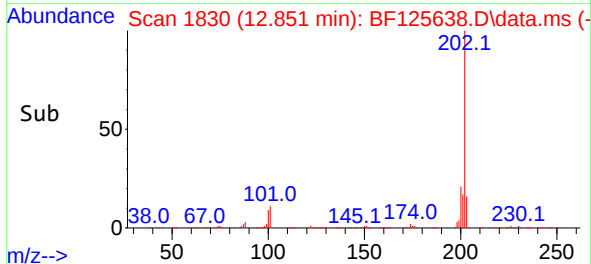
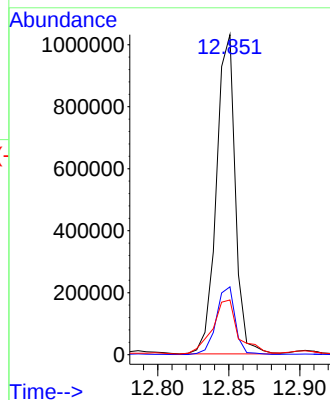
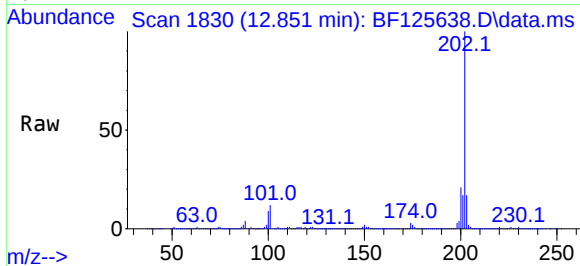
#78
Pyrene
Concen: 22.79 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27

Tgt Ion:202 Resp: 952810
Ion Ratio Lower Upper
202 100
200 21.2 15.3 22.9
203 17.1 13.4 20.0

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01DL

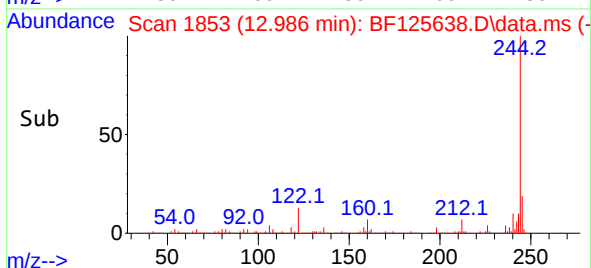
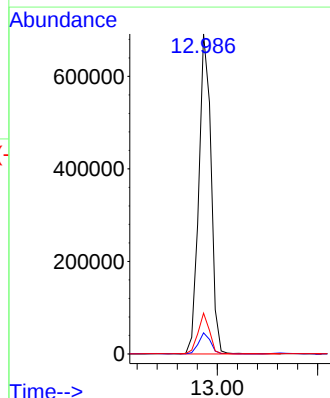
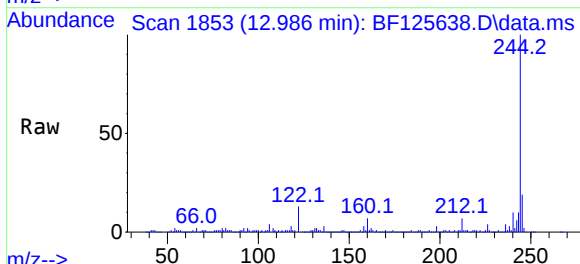
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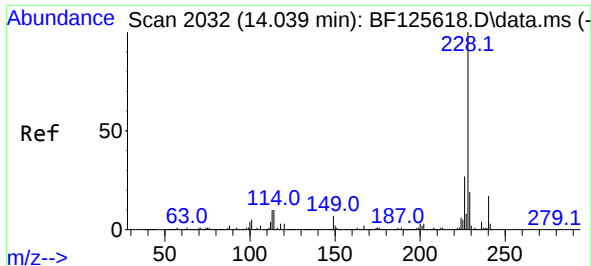
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#79
Terphenyl-d14
Concen: 21.98 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27

Tgt Ion:244 Resp: 587356
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 12.7 9.0 13.4





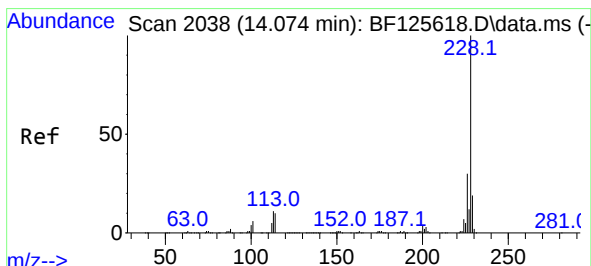
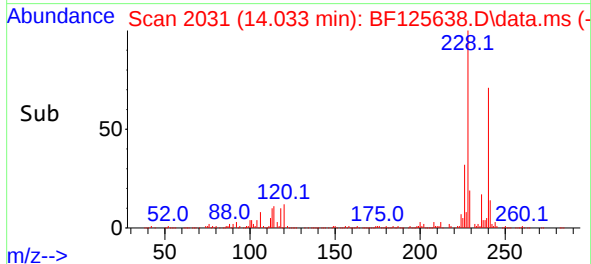
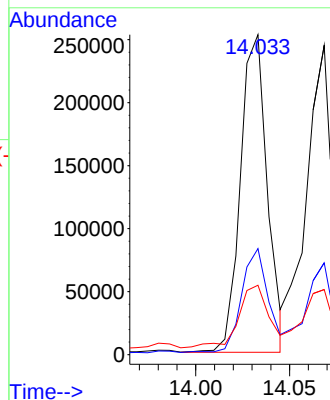
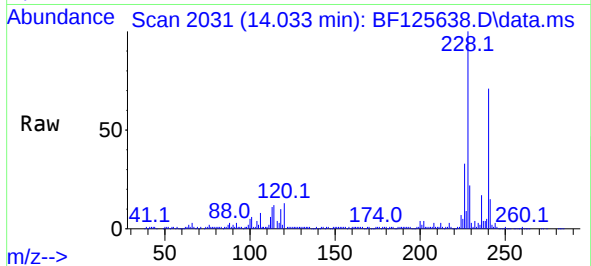
#81
Benzo(a)anthracene
Concen: 8.01 ng m
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27

Tgt Ion:228 Resp: 251734
Ion Ratio Lower Upper
228 100
226 33.1 21.6 32.4#
229 21.7 15.6 23.4

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01DL

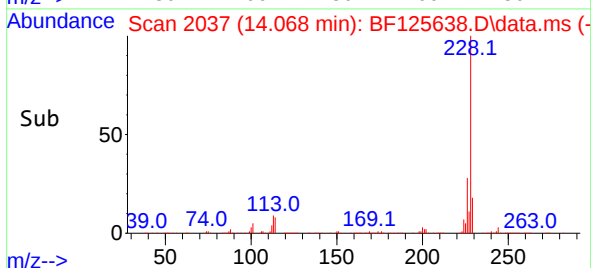
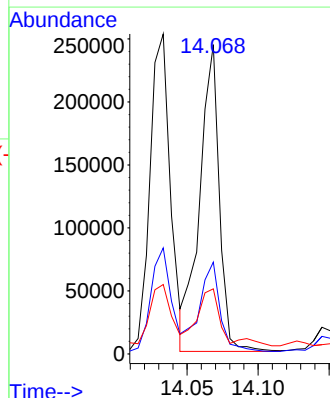
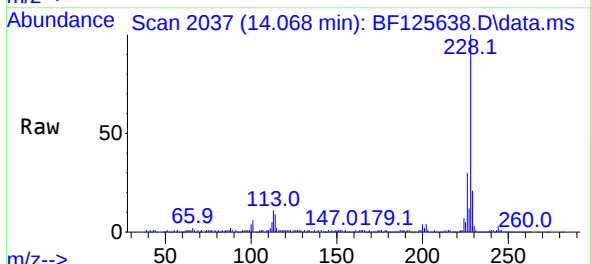
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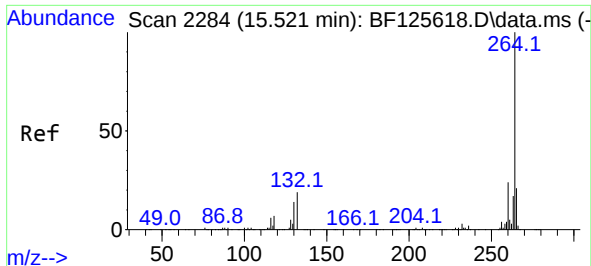
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#83
Chrysene
Concen: 7.50 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27

Tgt Ion:228 Resp: 236563
Ion Ratio Lower Upper
228 100
226 29.7 22.6 34.0
229 21.0 15.9 23.9





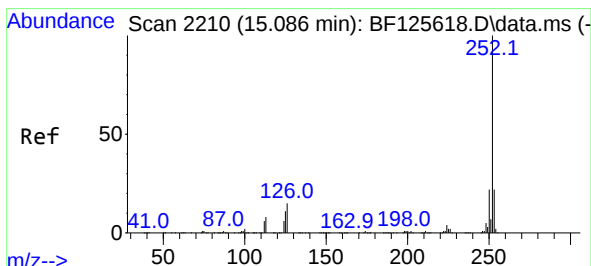
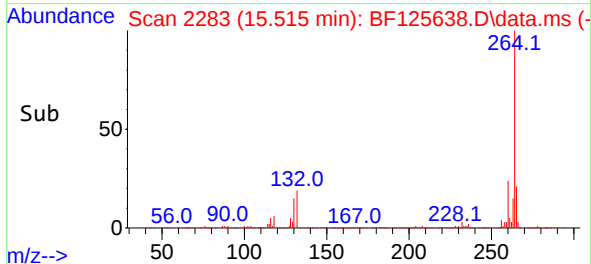
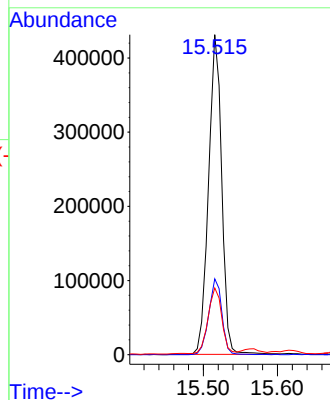
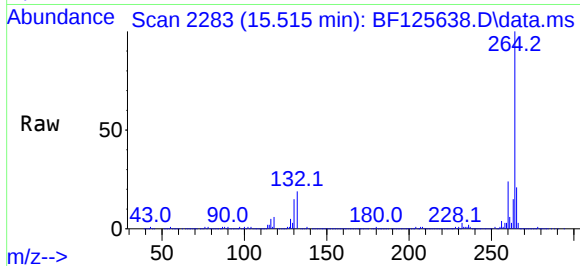
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27

Tgt Ion:264 Resp: 532908
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 20.8 17.2 25.8

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01DL

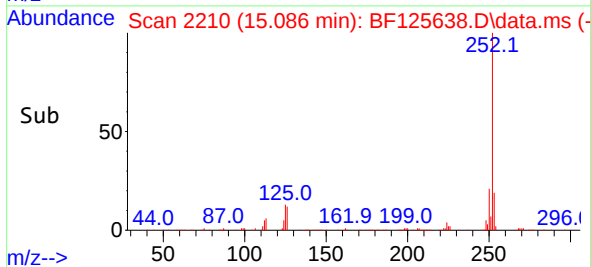
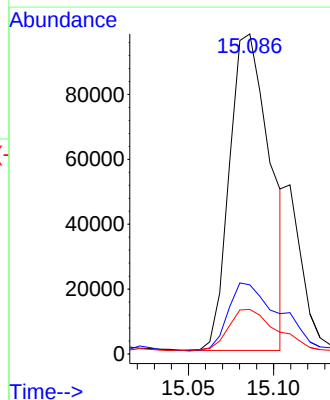
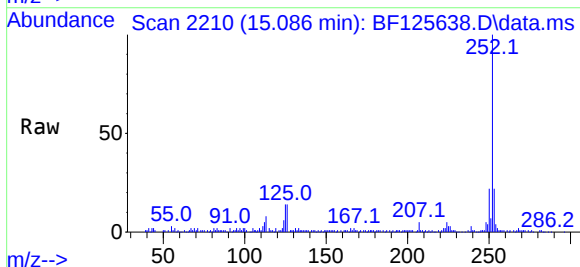
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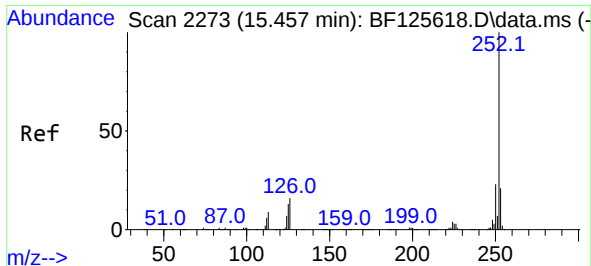
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#88
Benzo(b)fluoranthene
Concen: 4.35 ng m
RT: 15.086 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27

Tgt Ion:252 Resp: 162245
Ion Ratio Lower Upper
252 100
253 21.6 16.8 25.2
125 13.9 9.8 14.8





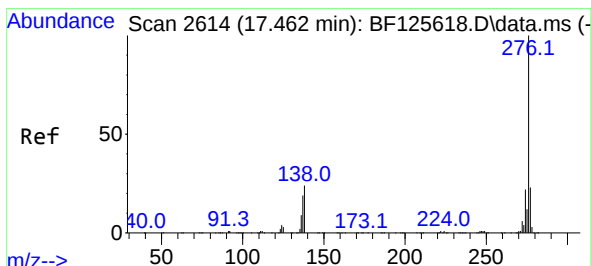
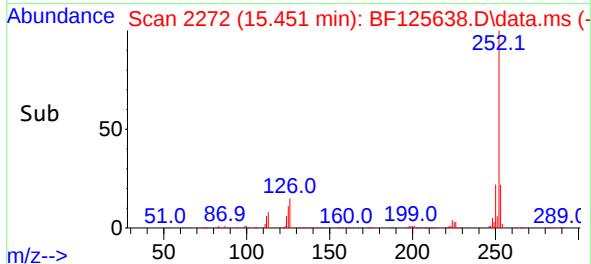
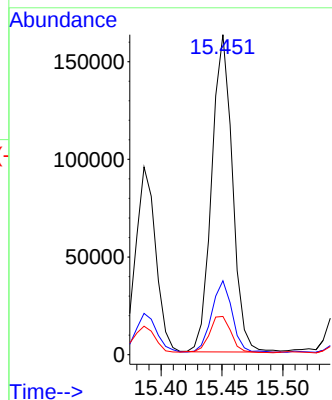
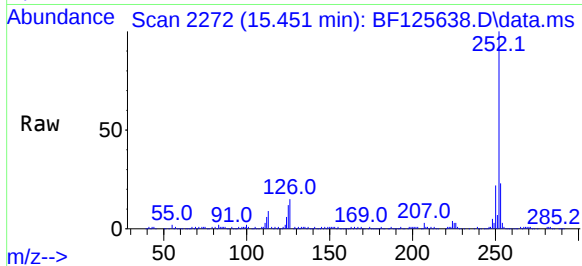
#90
Benzo(a)pyrene
Concen: 5.78 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27

Tgt Ion:252 Resp: 191949
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 12.0 9.9 14.9

Instrument :
BNA_F
ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 2.25 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.029 min
Lab File: BF125638.D
Acq: 25 Sep 2021 00:27

Tgt Ion:276 Resp: 69363
Ion Ratio Lower Upper
276 100
277 24.0 22.0 33.0
138 28.6 22.2 33.4

