

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
 Data File : BF125639.D
 Acq On : 25 Sep 2021 00:58
 Operator : JU/CG
 Sample : M3730-01DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampled :
 FLOORDL

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Quant Time: Sep 25 03:02:52 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	238617	20.00	ng	0.00	
21) Naphthalene-d8	8.169	136	932717	20.00	ng	# 0.00	
39) Acenaphthene-d10	9.922	164	433366	20.00	ng	0.00	
64) Phenanthrene-d10	11.410	188	563881	20.00	ng	# 0.00	
76) Chrysene-d12	14.051	240	428508	20.00	ng	0.00	
86) Perylene-d12	15.521	264	513924	20.00	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	257240	17.76	ng	-0.01	
7) Phenol-d6	6.498	99	346620	17.80	ng	-0.01	
23) Nitrobenzene-d5	7.439	82	198906	14.87	ng	-0.01	
42) 2,4,6-Tribromophenol	10.704	330	58911	14.58	ng	-0.01	
45) 2-Fluorobiphenyl	9.239	172	436861	5.62	ng	-0.01	
79) Terphenyl-d14	12.998	244	283105	11.44	ng	0.00	
Target Compounds							
10) Phenol	6.510	94	77834	3.95	ng		Qvalue 87
31) Naphthalene	8.192	128	1620389	33.84	ng		99
37) 2-Methylnaphthalene	8.880	142	404612	12.46	ng		99
38) 1-Methylnaphthalene	8.980	142	222290	7.24	ng		96
46) 1,1'-Biphenyl	9.339	154	111851	3.50	ng		98
52) Acenaphthene	9.951	154	121699	4.87	ng		96
55) Dibenzofuran	10.127	168	615752	16.44	ng		95
58) Fluorene	10.469	166	75009	2.57	ng	#	98
71) Phenanthrene	11.439	178	2500512	79.08	ng		94
72) Anthracene	11.486	178	72195m	2.31	ng		
73) Carbazole	11.633	167	231905	7.54	ng	#	94
75) Fluoranthene	12.633	202	1618181	47.88	ng		97
78) Pyrene	12.863	202	1062500	27.44	ng		97
81) Benzo(a)anthracene	14.045	228	261122	8.97	ng		97
83) Chrysene	14.074	228	310410	10.63	ng		95
88) Benzo(b)fluoranthene	15.086	252	246724m	6.85	ng		

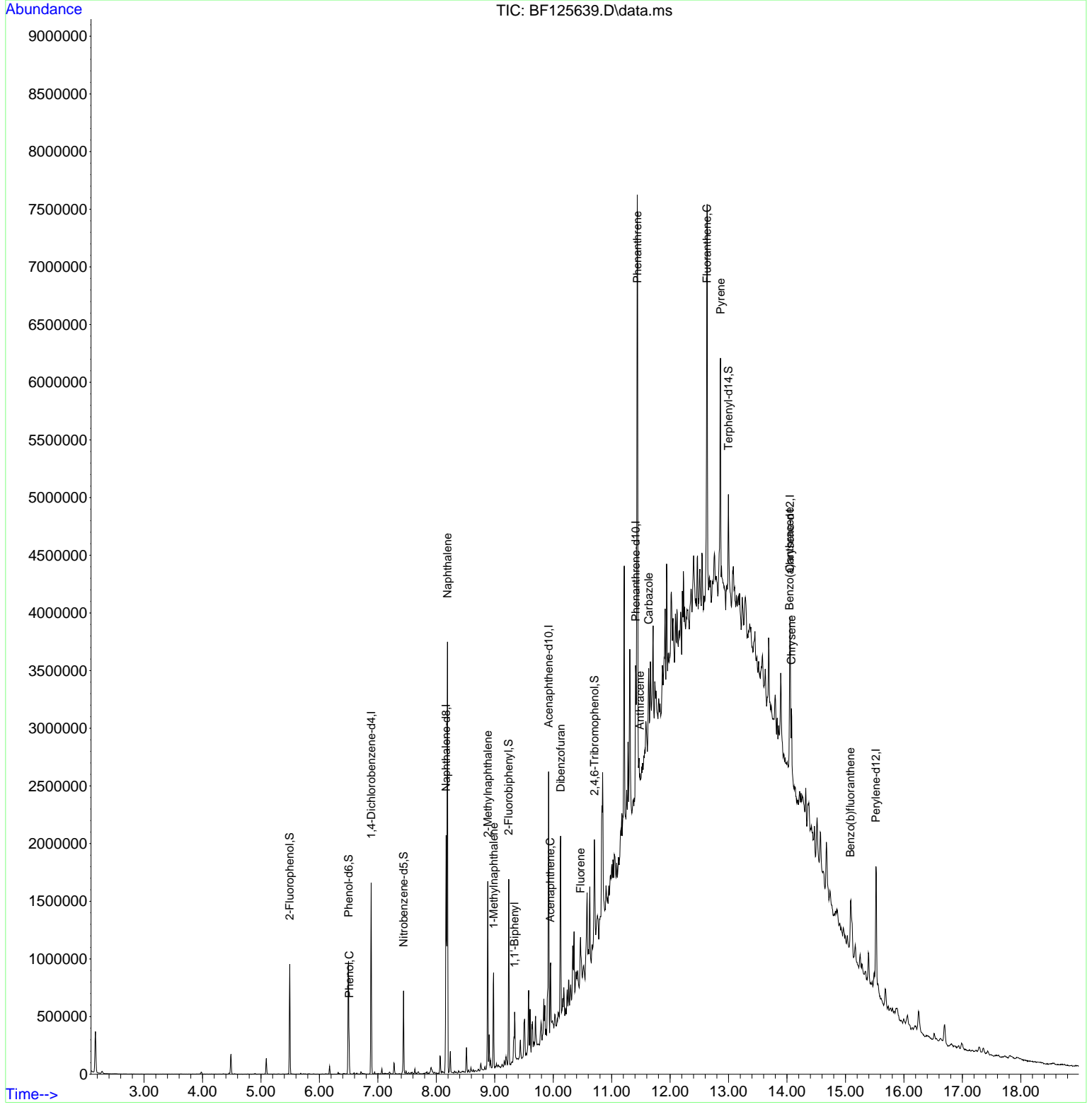
(#) = qualifier out of range (m) = manual integration (+) = signals summed

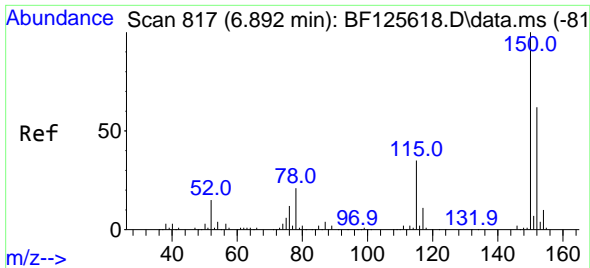
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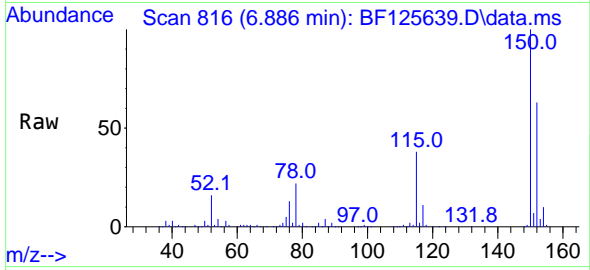
Quant Time: Sep 25 03:02:52 2021
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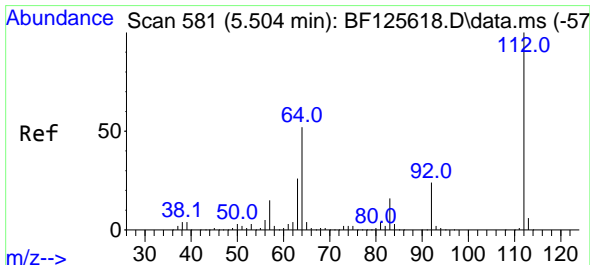
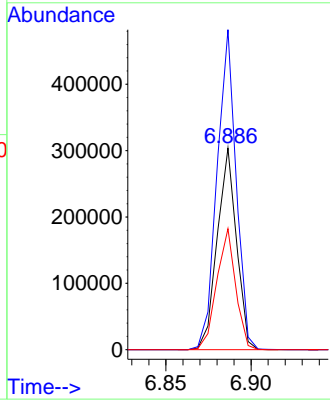
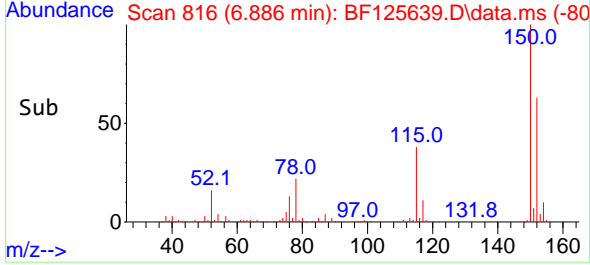
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.886 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58

Instrument :
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ClientSampled :
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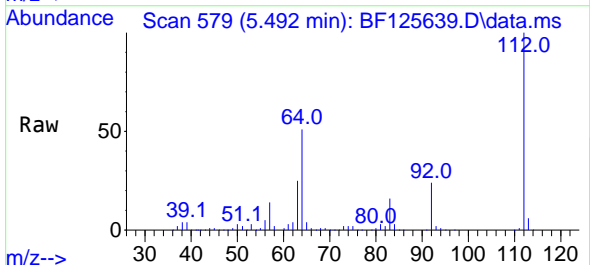


Tgt Ion:152 Resp: 238617
 Ion Ratio Lower Upper
 152 100
 150 158.8 117.6 176.4
 115 60.1 47.1 70.7

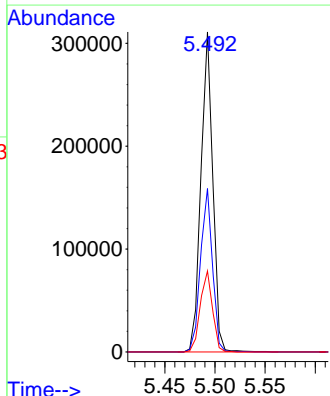
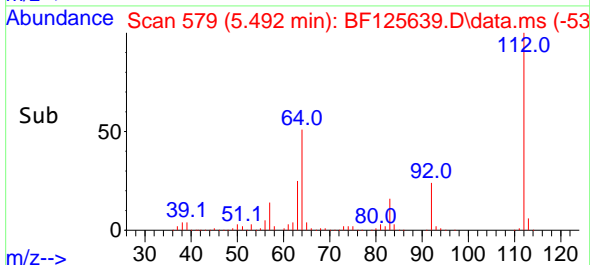
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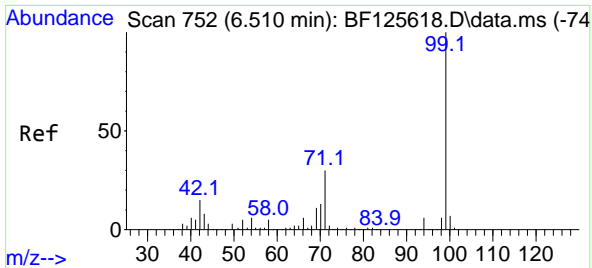


#5
 2-Fluorophenol
 Concen: 17.76 ng
 RT: 5.492 min Scan# 579
 Delta R.T. -0.012 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58



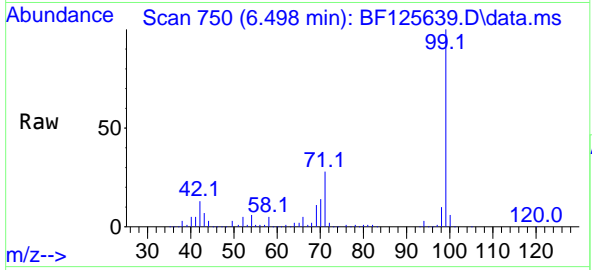
Tgt Ion:112 Resp: 257240
 Ion Ratio Lower Upper
 112 100
 64 51.1 44.2 66.2
 63 25.3 26.2 39.2#





#7
 Phenol-d6
 Concen: 17.80 ng
 RT: 6.498 min Scan# 750
 Delta R.T. -0.012 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58

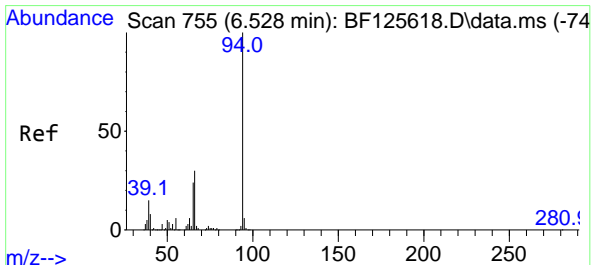
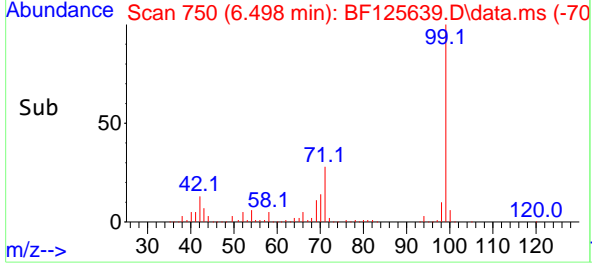
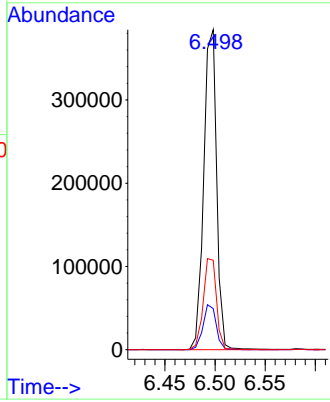
Instrument :
 BNA_F
ClientSampled :
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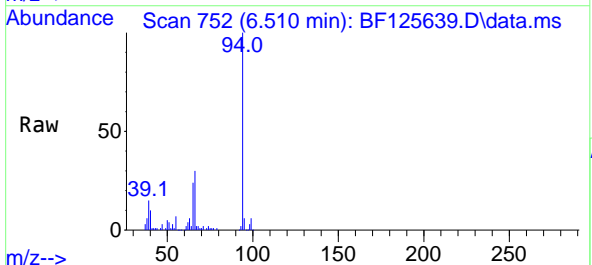
Tgt Ion: 99 Resp: 346620

Ion	Ratio	Lower	Upper
99	100		
42	12.9	23.5	35.3#
71	28.0	25.6	38.4

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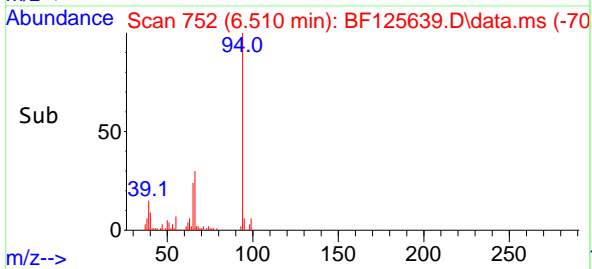
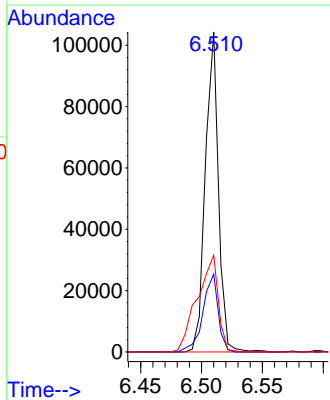


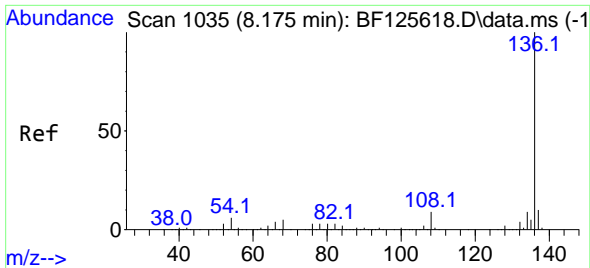
#10
 Phenol
 Concen: 3.95 ng
 RT: 6.510 min Scan# 752
 Delta R.T. -0.018 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58



Tgt Ion: 94 Resp: 77834

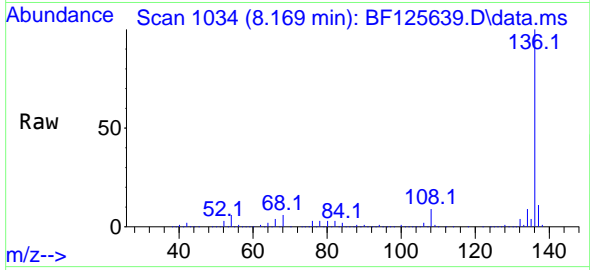
Ion	Ratio	Lower	Upper
94	100		
65	24.4	9.3	49.3
66	30.3	20.3	60.3





#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.169 min Scan# 1034
 Delta R.T. -0.006 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58

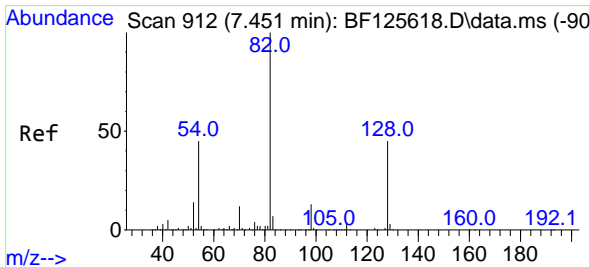
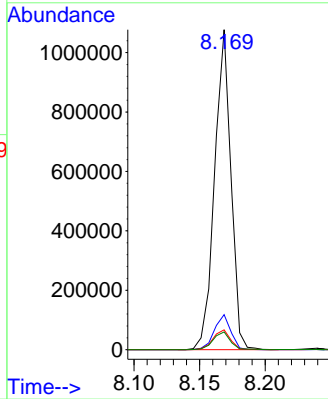
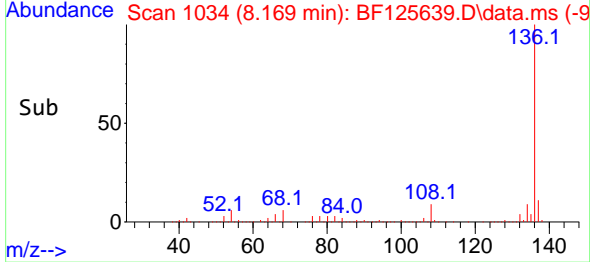
Instrument :
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ClientSampled :
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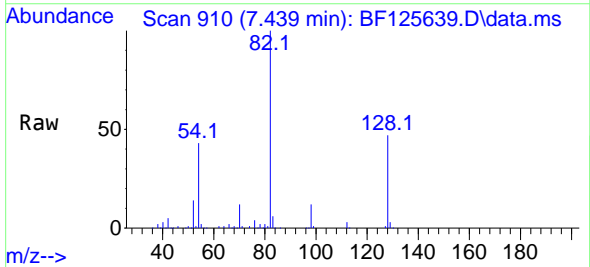
Tgt Ion:136 Resp: 932717

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	6.2	6.4	9.6#
68	5.6	3.3	4.9#

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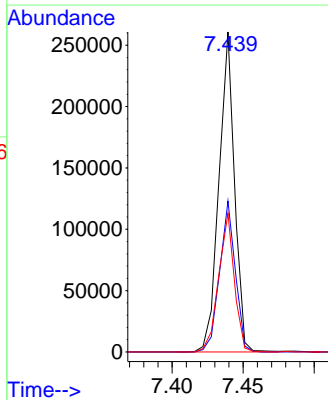
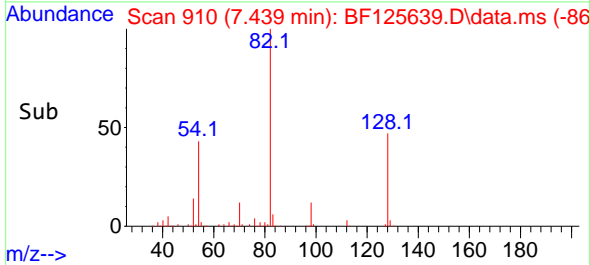


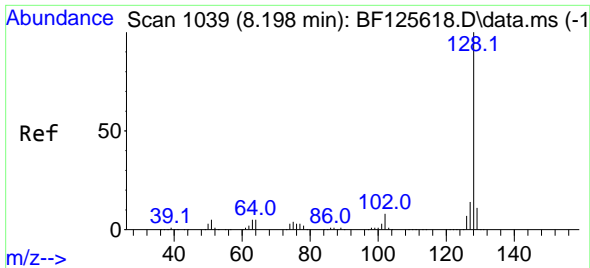
#23
 Nitrobenzene-d5
 Concen: 14.87 ng
 RT: 7.439 min Scan# 910
 Delta R.T. -0.012 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58



Tgt Ion: 82 Resp: 198906

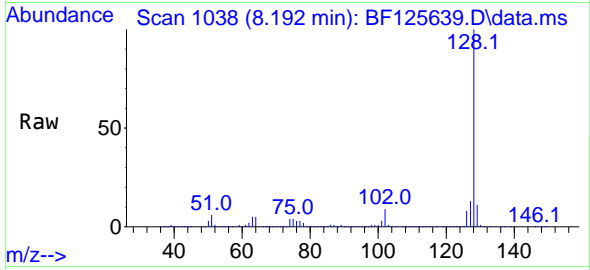
Ion	Ratio	Lower	Upper
82	100		
128	47.1	40.6	60.8
54	43.4	49.6	74.4#





#31
 Naphthalene
 Concen: 33.84 ng
 RT: 8.192 min Scan# 1038
 Delta R.T. -0.006 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58

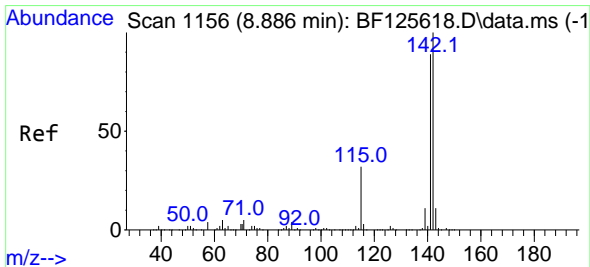
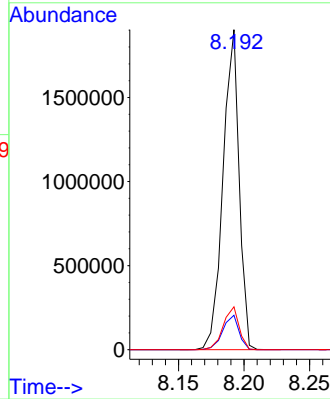
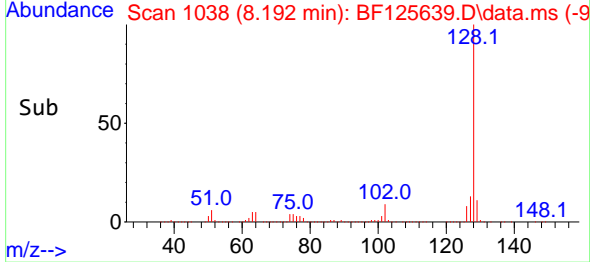
Instrument :
 BNA_F
 ClientSampled :
 FLOODL



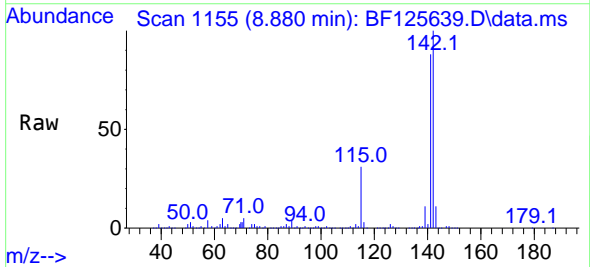
Tgt Ion:128 Resp: 1620389
 Ion Ratio Lower Upper
 128 100
 129 10.7 9.4 14.0
 127 13.4 10.9 16.3

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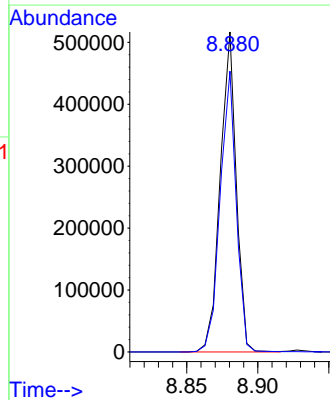
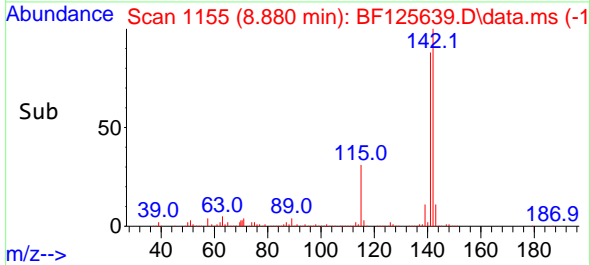
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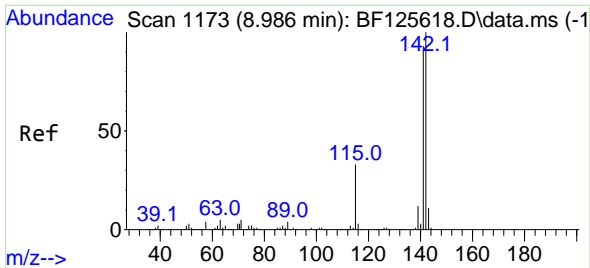


#37
 2-Methylnaphthalene
 Concen: 12.46 ng
 RT: 8.880 min Scan# 1155
 Delta R.T. -0.006 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58



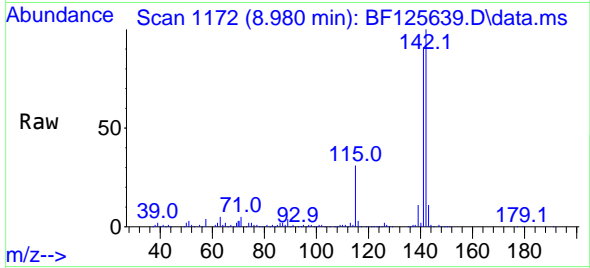
Tgt Ion:142 Resp: 404612
 Ion Ratio Lower Upper
 142 100
 141 87.8 71.2 106.8





#38
 1-Methylnaphthalene
 Concen: 7.24 ng
 RT: 8.980 min Scan# 1172
 Delta R.T. -0.006 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58

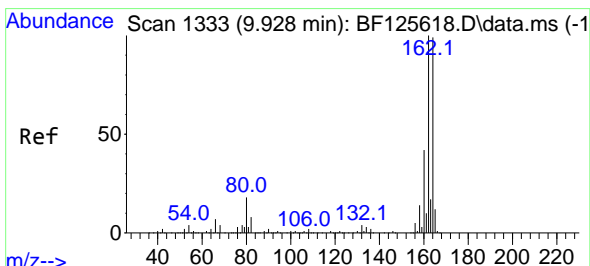
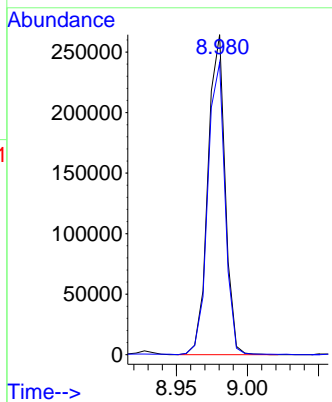
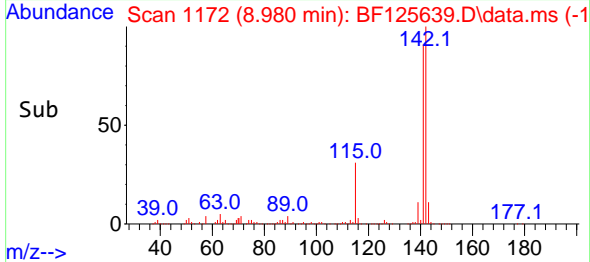
Instrument :
 BNA_F
 ClientSampled :
 FLOORDL



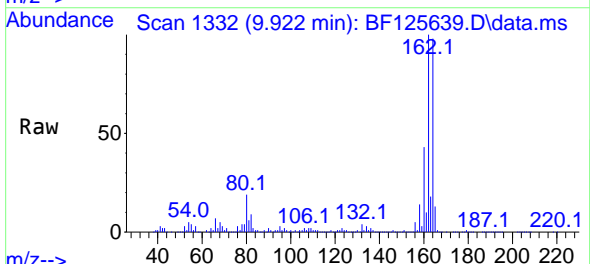
Tgt Ion:142 Resp: 222290
 Ion Ratio Lower Upper
 142 100
 141 91.3 76.0 114.0

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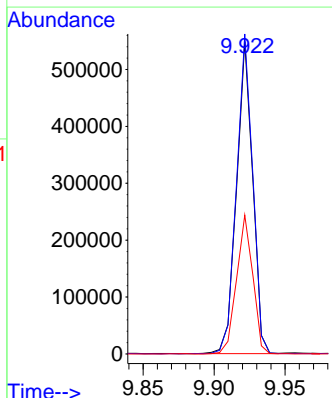
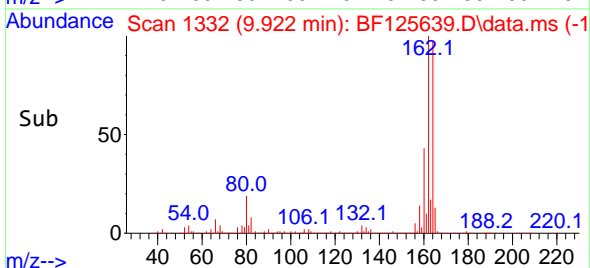
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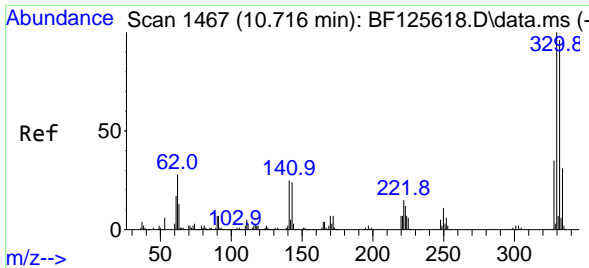


#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.922 min Scan# 1332
 Delta R.T. -0.006 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58



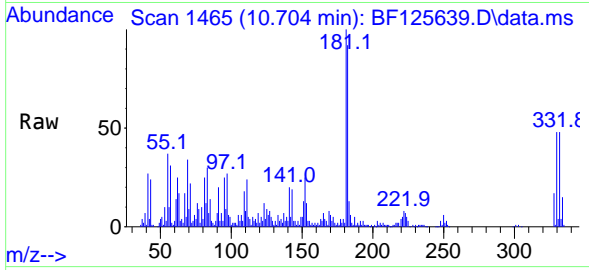
Tgt Ion:164 Resp: 433366
 Ion Ratio Lower Upper
 164 100
 162 102.5 81.3 121.9
 160 44.5 38.0 57.0





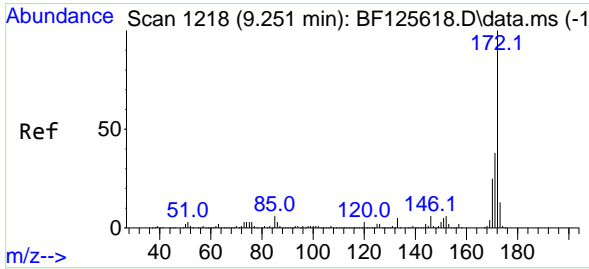
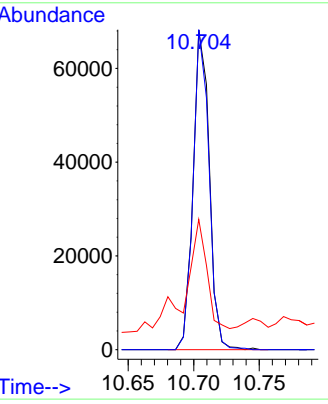
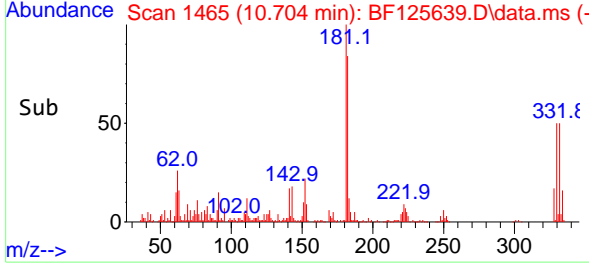
#42
 2,4,6-Tribromophenol
 Concen: 14.58 ng
 RT: 10.704 min Scan# 1465
 Delta R.T. -0.012 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58

Instrument :
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ClientSampled :
 FLOORDL

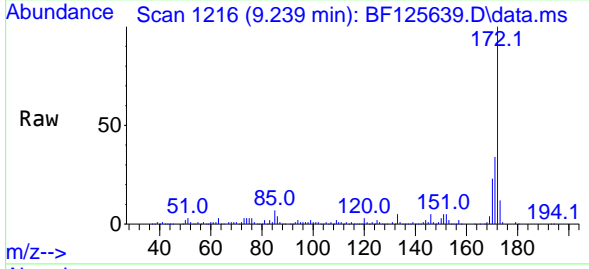


Tgt Ion: 330 Resp: 58911
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.2 114.4
 141 47.8 44.6 66.8

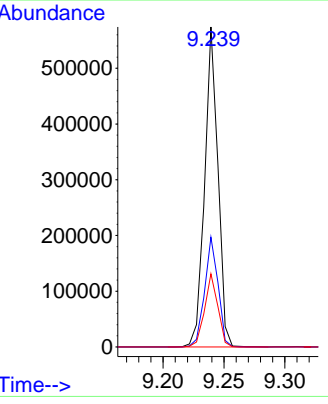
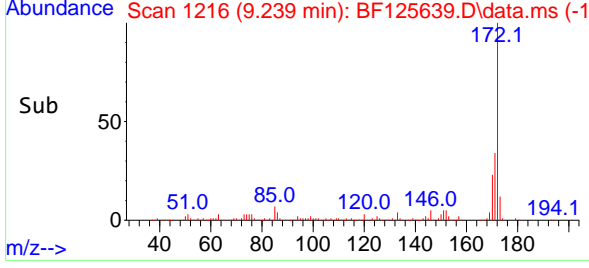
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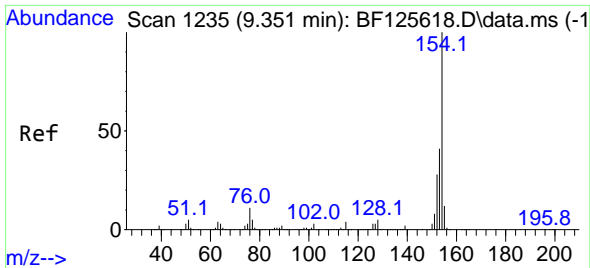


#45
 2-Fluorobiphenyl
 Concen: 5.62 ng
 RT: 9.239 min Scan# 1216
 Delta R.T. -0.012 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58



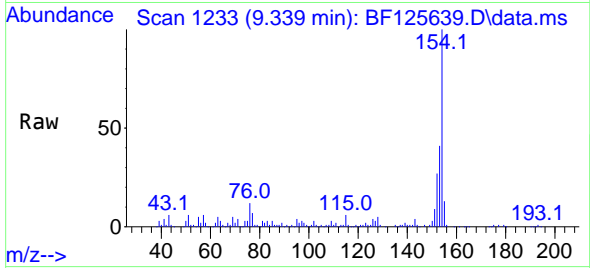
Tgt Ion: 172 Resp: 436861
 Ion Ratio Lower Upper
 172 100
 171 34.3 26.5 39.7
 170 22.9 18.8 28.2





#46
 1,1'-Biphenyl
 Concen: 3.50 ng
 RT: 9.339 min Scan# 1233
 Delta R.T. -0.012 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58

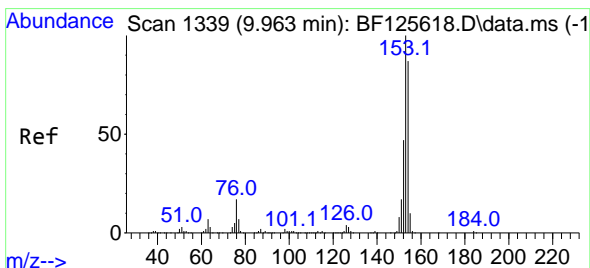
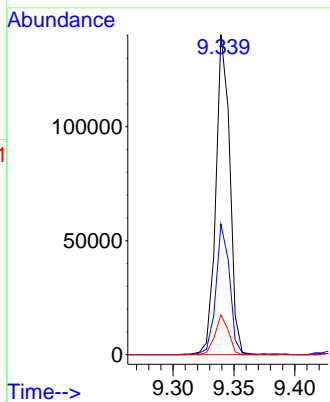
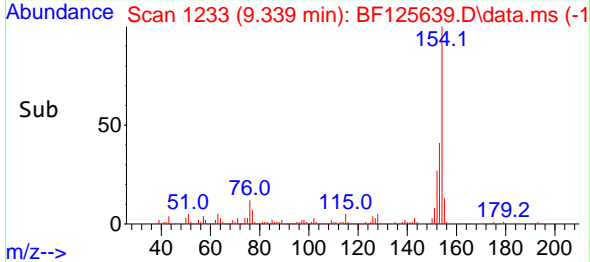
Instrument :
 BNA_F
 ClientSampled :
 FLOODL



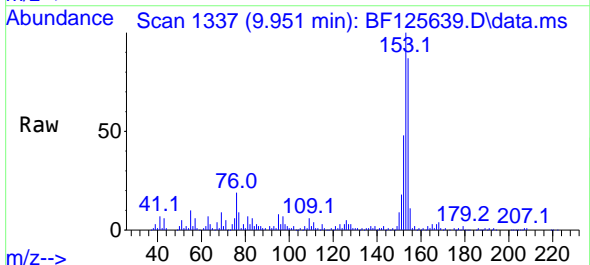
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 Ion Ratio Lower Upper
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 153 40.8 20.0 60.0
 76 12.5 0.0 30.3

Manual Integrations
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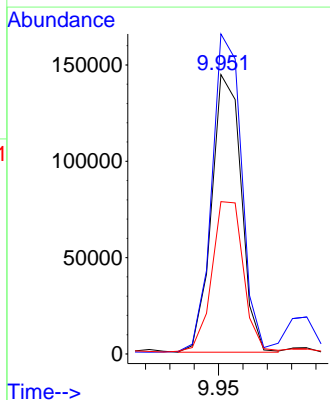
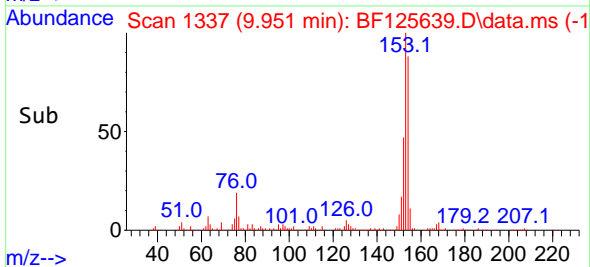
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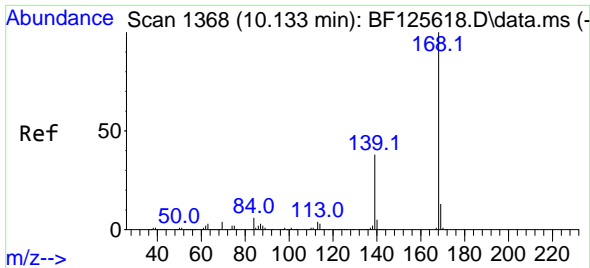


#52
 Acenaphthene
 Concen: 4.87 ng
 RT: 9.951 min Scan# 1337
 Delta R.T. -0.012 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58



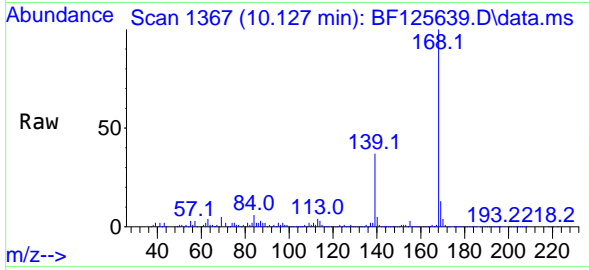
Tgt Ion:154 Resp: 121699
 Ion Ratio Lower Upper
 154 100
 153 114.6 89.4 134.2
 152 54.5 40.5 60.7





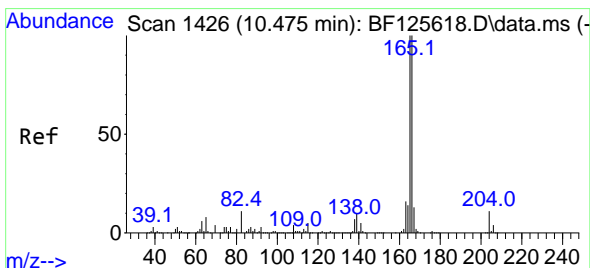
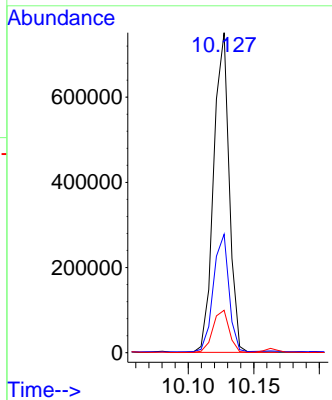
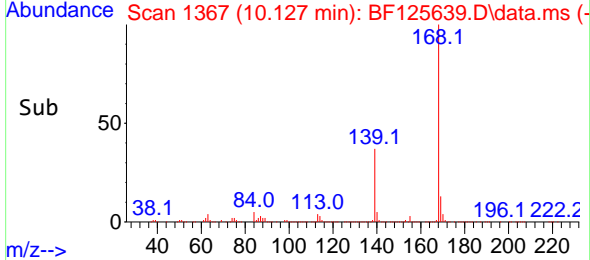
#55
 Dibenzofuran
 Concen: 16.44 ng
 RT: 10.127 min Scan# 1367
 Delta R.T. -0.006 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58

Instrument :
 BNA_F
ClientSampled :
 FLOORDL

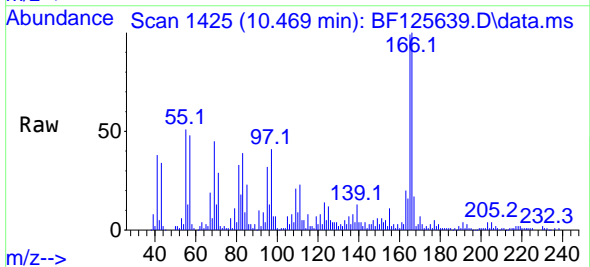


Tgt Ion:168 Resp: 615752
 Ion Ratio Lower Upper
 168 100
 139 37.0 32.7 49.1
 169 13.2 11.2 16.8

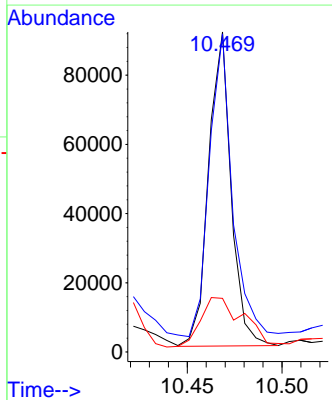
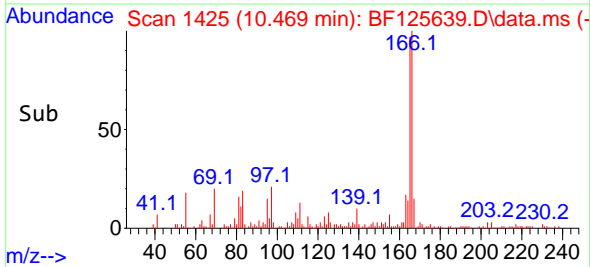
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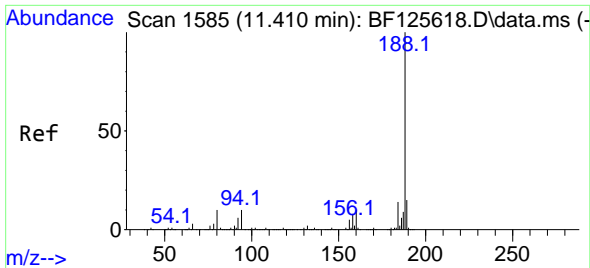


#58
 Fluorene
 Concen: 2.57 ng
 RT: 10.469 min Scan# 1425
 Delta R.T. -0.006 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58



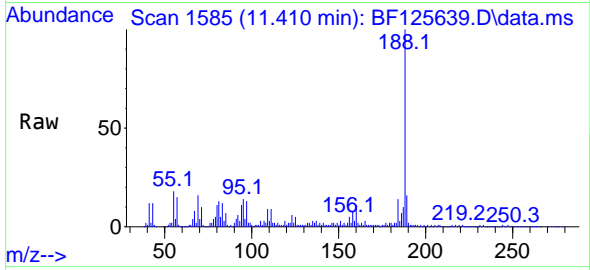
Tgt Ion:166 Resp: 75009
 Ion Ratio Lower Upper
 166 100
 165 99.4 78.1 117.1
 167 16.7 11.1 16.7#





#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.410 min Scan# 1585
 Delta R.T. -0.000 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58

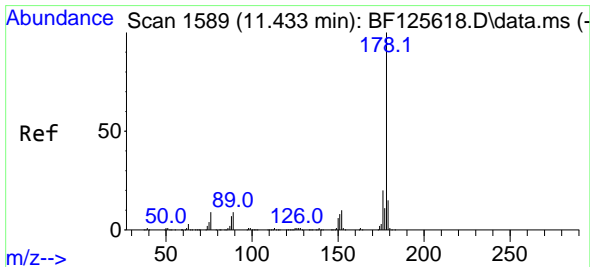
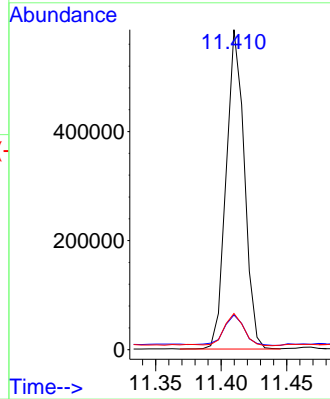
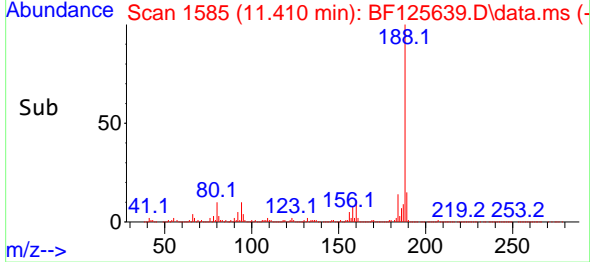
Instrument :
 BNA_F
ClientSampled :
 FLOORDL



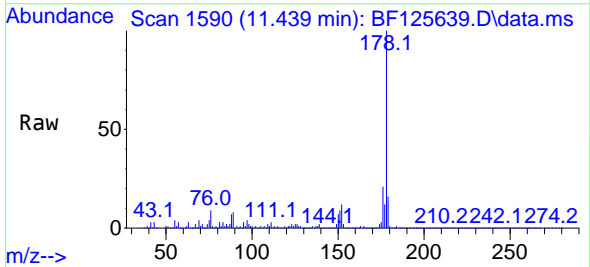
Tgt Ion:188 Resp: 563881

Ion	Ratio	Lower	Upper
188	100		
94	10.9	6.7	10.1#
80	11.3	7.5	11.3#

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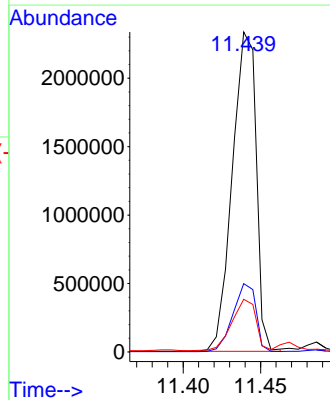
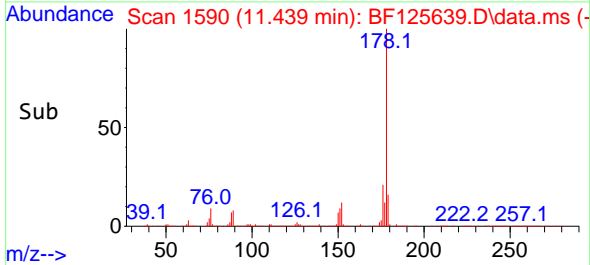


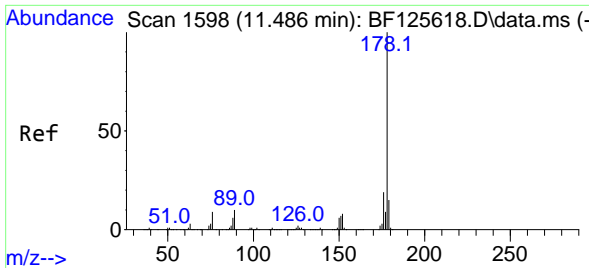
#71
 Phenanthrene
 Concen: 79.08 ng
 RT: 11.439 min Scan# 1590
 Delta R.T. 0.006 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58



Tgt Ion:178 Resp: 2500512

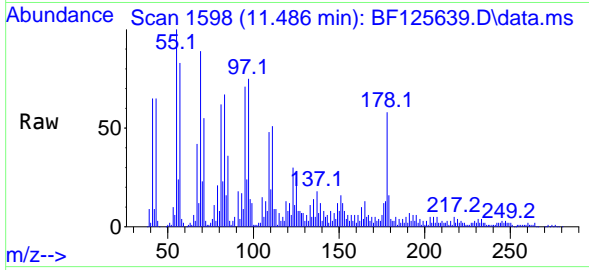
Ion	Ratio	Lower	Upper
178	100		
176	21.4	14.7	22.1
179	16.5	11.5	17.3





#72
 Anthracene
 Concen: 2.31 ng m
 RT: 11.486 min Scan# 1598
 Delta R.T. 0.000 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58

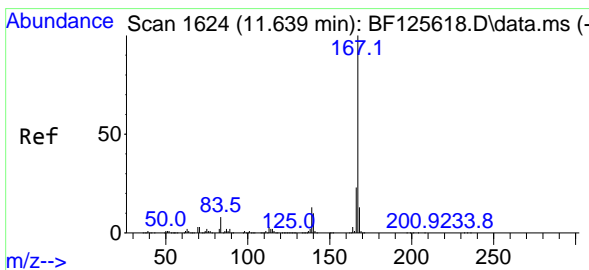
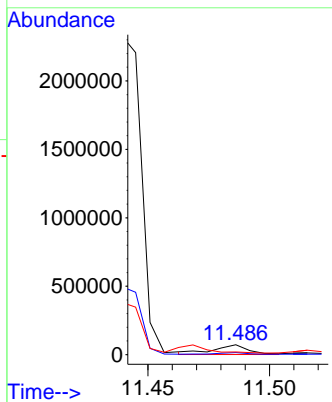
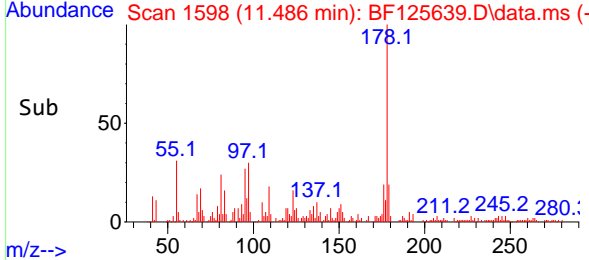
Instrument :
 BNA_F
ClientSampled :
 FLOORDL



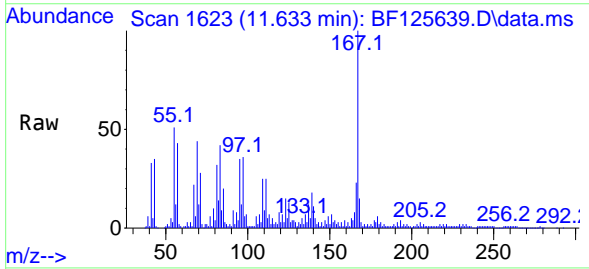
Tgt Ion:178 Resp: 72195

Ion	Ratio	Lower	Upper
178	100		
176	20.7	14.3	21.5
179	28.0	12.2	18.4#

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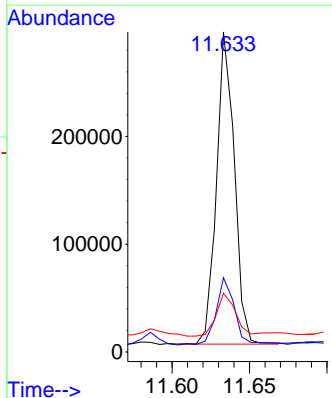
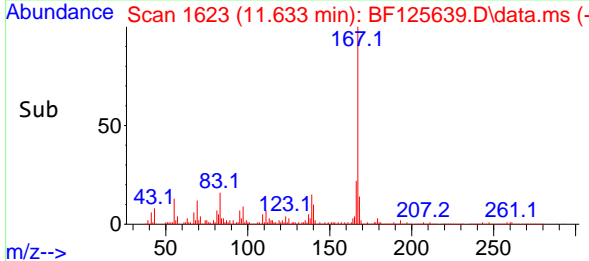


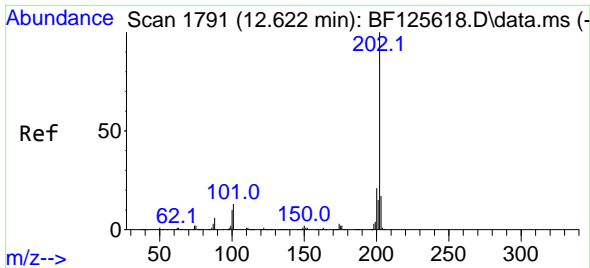
#73
 Carbazole
 Concen: 7.54 ng
 RT: 11.633 min Scan# 1623
 Delta R.T. -0.006 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58



Tgt Ion:167 Resp: 231905

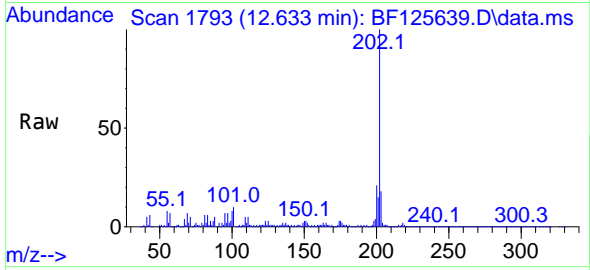
Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.4	26.0
139	18.4	11.0	16.4#





#75
 Fluoranthene
 Concen: 47.88 ng
 RT: 12.633 min Scan# 1793
 Delta R.T. 0.011 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58

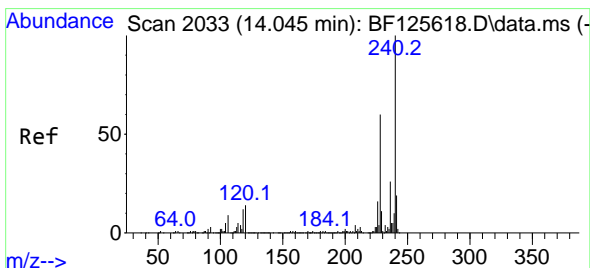
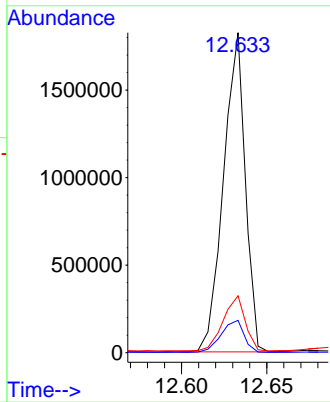
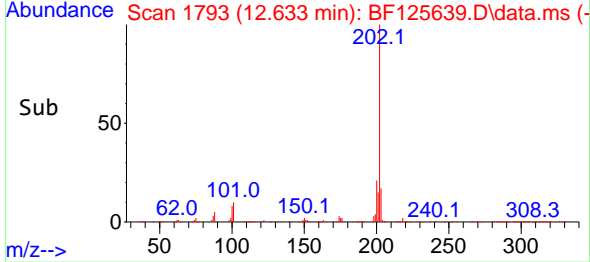
Instrument :
 BNA_F
ClientSampled :
 FLOODL



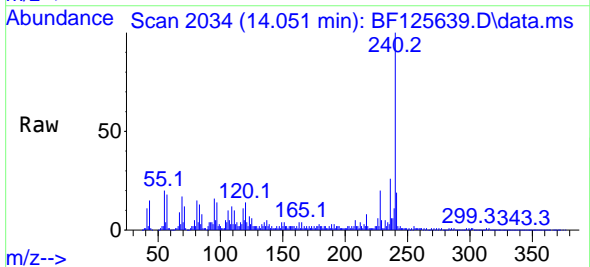
Tgt Ion:202 Resp: 1618181

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.7
203	17.8	0.0	36.3

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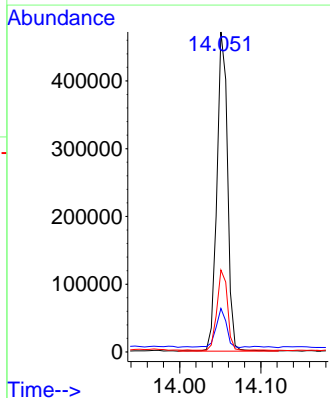
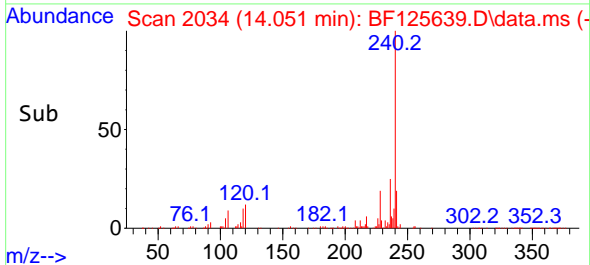


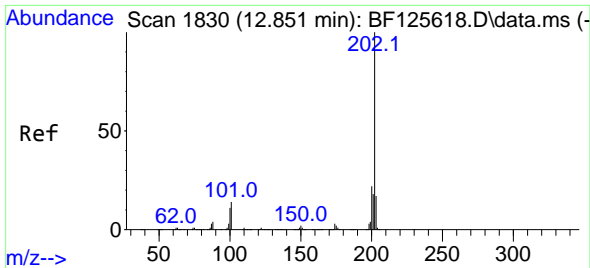
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.051 min Scan# 2034
 Delta R.T. 0.006 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58



Tgt Ion:240 Resp: 428508

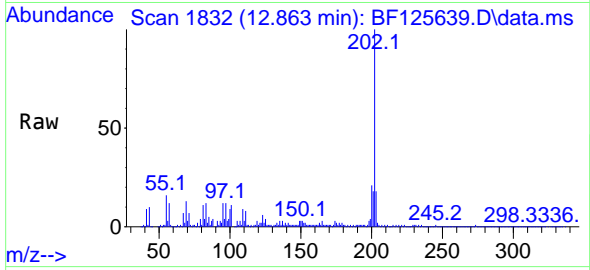
Ion	Ratio	Lower	Upper
240	100		
120	13.6	10.8	16.2
236	25.6	21.6	32.4





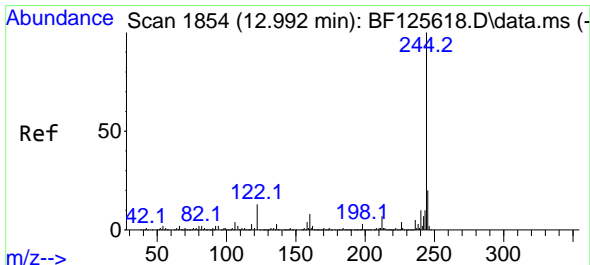
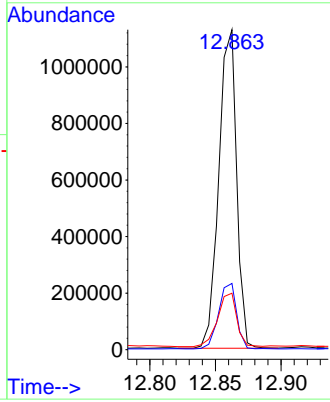
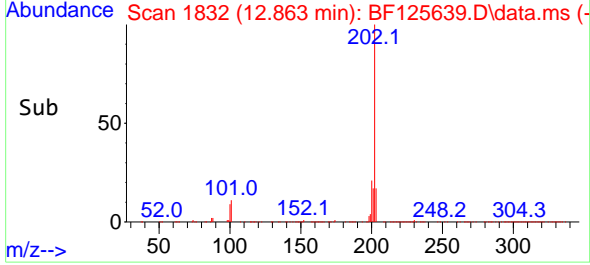
#78
 Pyrene
 Concen: 27.44 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. 0.012 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58

Instrument :
 BNA_F
ClientSampled :
 FLOORDL

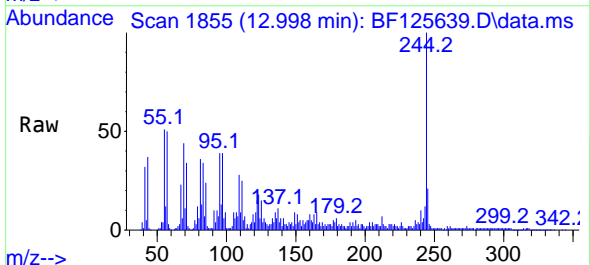


Tgt Ion:202 Resp: 1062500
 Ion Ratio Lower Upper
 202 100
 200 20.7 15.3 22.9
 203 17.7 13.4 20.0

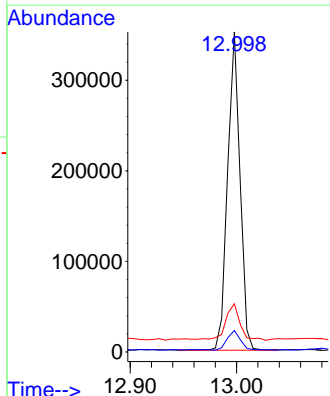
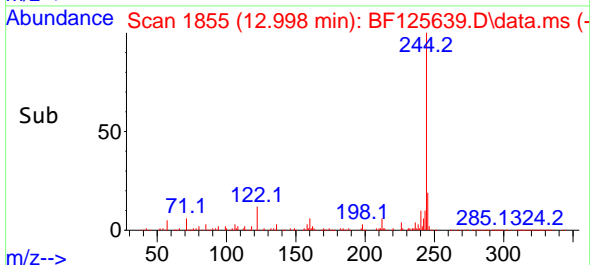
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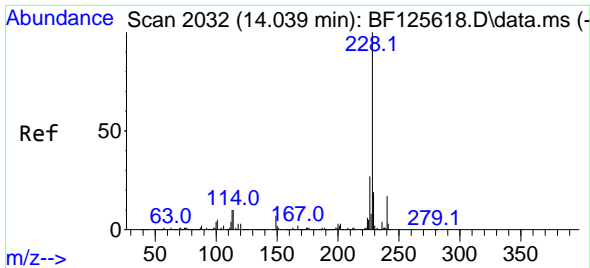


#79
 Terphenyl-d14
 Concen: 11.44 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. 0.006 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58



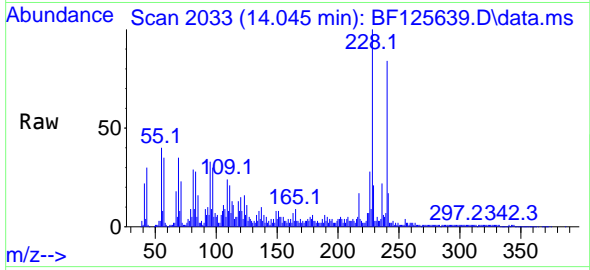
Tgt Ion:244 Resp: 283105
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 15.1 9.0 13.4#





#81
 Benzo(a)anthracene
 Concen: 8.97 ng
 RT: 14.045 min Scan# 2033
 Delta R.T. 0.006 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58

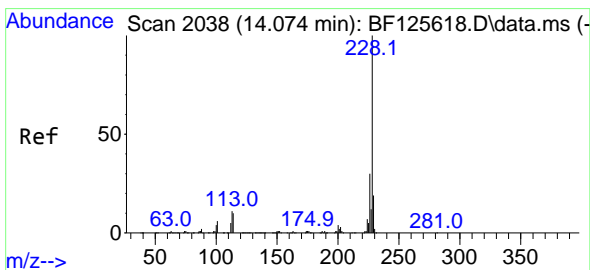
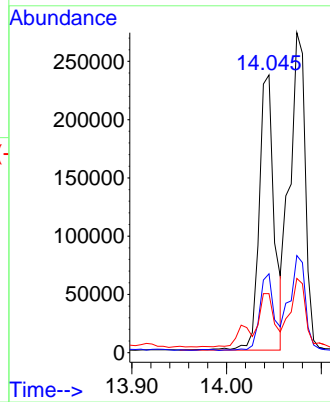
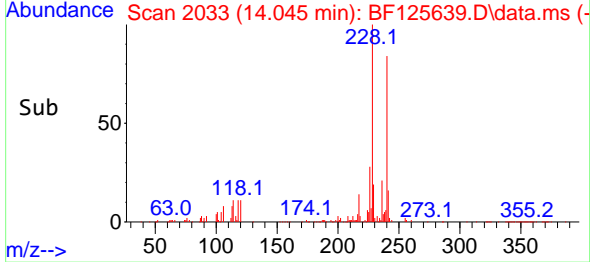
Instrument :
 BNA_F
 ClientSampled :
 FLOORDL



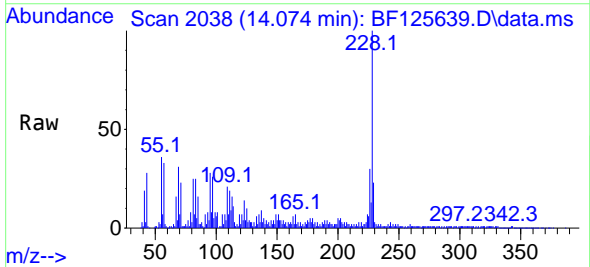
Tgt Ion:228 Resp: 261122
 Ion Ratio Lower Upper
 228 100
 226 28.4 21.6 32.4
 229 21.2 15.6 23.4

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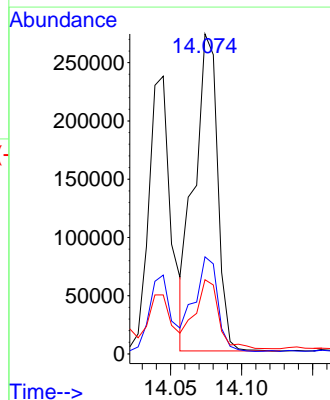
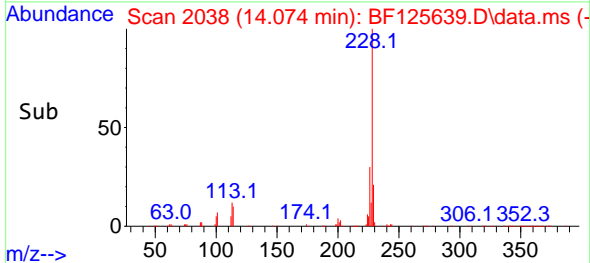
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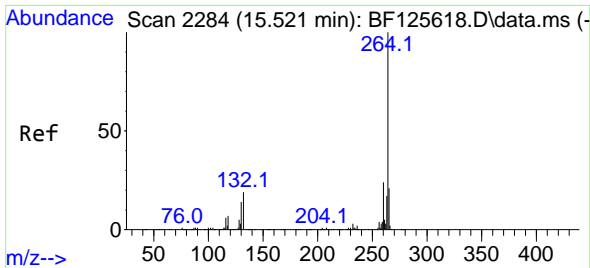


#83
 Chrysene
 Concen: 10.63 ng
 RT: 14.074 min Scan# 2038
 Delta R.T. 0.000 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58



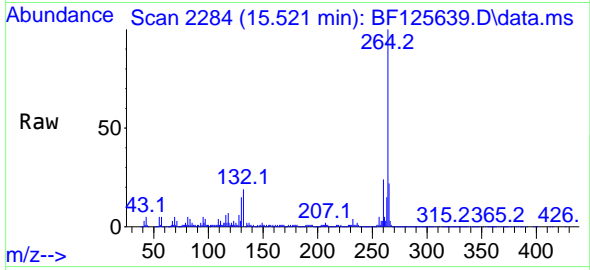
Tgt Ion:228 Resp: 310410
 Ion Ratio Lower Upper
 228 100
 226 30.3 22.6 34.0
 229 23.2 15.9 23.9





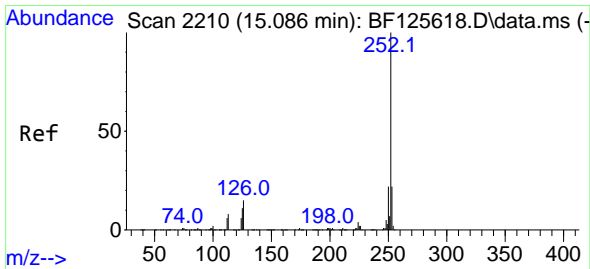
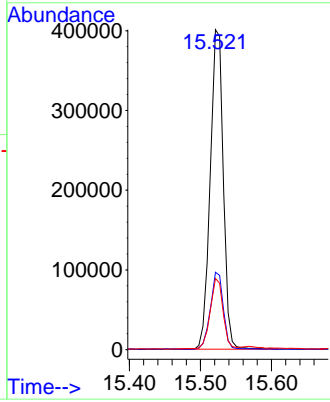
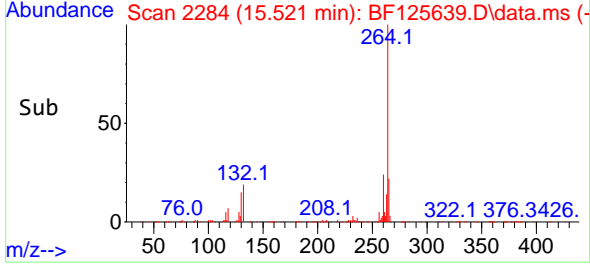
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58

Instrument :
 BNA_F
ClientSampled :
 FLOORDL

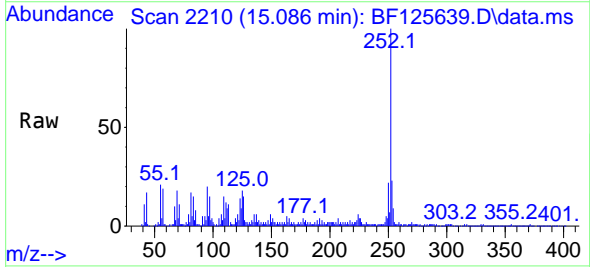


Tgt Ion:264 Resp: 513924
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 22.2 17.2 25.8

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#88
 Benzo(b)fluoranthene
 Concen: 6.85 ng m
 RT: 15.086 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: BF125639.D
 Acq: 25 Sep 2021 00:58



Tgt Ion:252 Resp: 246724
 Ion Ratio Lower Upper
 252 100
 253 23.2 16.8 25.2
 125 17.7 9.8 14.8#

