

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
 Data File : BF125837.D
 Acq On : 13 Oct 2021 20:56
 Operator : JU/CG
 Sample : M4147-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20-20211007-WC

Manual Integrations
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 10/14/2021 10:55:39 AM

Quant Time: Oct 14 09:04:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 13:23:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	181506	20.00	ng	0.00
21) Naphthalene-d8	8.128	136	663205	20.00	ng	# 0.00
39) Acenaphthene-d10	9.881	164	302555	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	516769	20.00	ng	# 0.00
76) Chrysene-d12	14.004	240	300664	20.00	ng	0.00
86) Perylene-d12	15.468	264	259145	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	881846	79.37	ng	0.00
7) Phenol-d6	6.469	99	1039292	72.66	ng	0.00
23) Nitrobenzene-d5	7.404	82	588763	55.18	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	224148	75.04	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1084789	61.84	ng	0.00
79) Terphenyl-d14	12.951	244	1007797	51.06	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.145	128	256246	7.99	ng	98
38) 1-Methylnaphthalene	8.939	142	47161	2.34	ng	96
52) Acenaphthene	9.910	154	55953	3.39	ng	99
58) Fluorene	10.428	166	42795	2.36	ng	98
71) Phenanthrene	11.386	178	564766	20.43	ng	99
72) Anthracene	11.439	178	180241	6.53	ng	100
73) Carbazole	11.592	167	94331	3.67	ng	98
75) Fluoranthene	12.580	202	1000510	40.10	ng	97
78) Pyrene	12.810	202	1033361	33.83	ng	97
81) Benzo(a)anthracene	13.992	228	723379	37.08	ng	96
83) Chrysene	14.027	228	626485m	32.49	ng	
87) Indeno(1,2,3-cd)pyrene	16.933	276	504728m	25.52	ng	
88) Benzo(b)fluoranthene	15.045	252	1074812m	73.46	ng	
89) Benzo(k)fluoranthene	15.068	252	306841m	20.43	ng	
90) Benzo(a)pyrene	15.410	252	889804	68.68	ng	98
91) Dibenzo(a,h)anthracene	16.939	278	150331	9.21	ng	92
92) Benzo(g,h,i)perylene	17.374	276	500540	30.04	ng	95

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

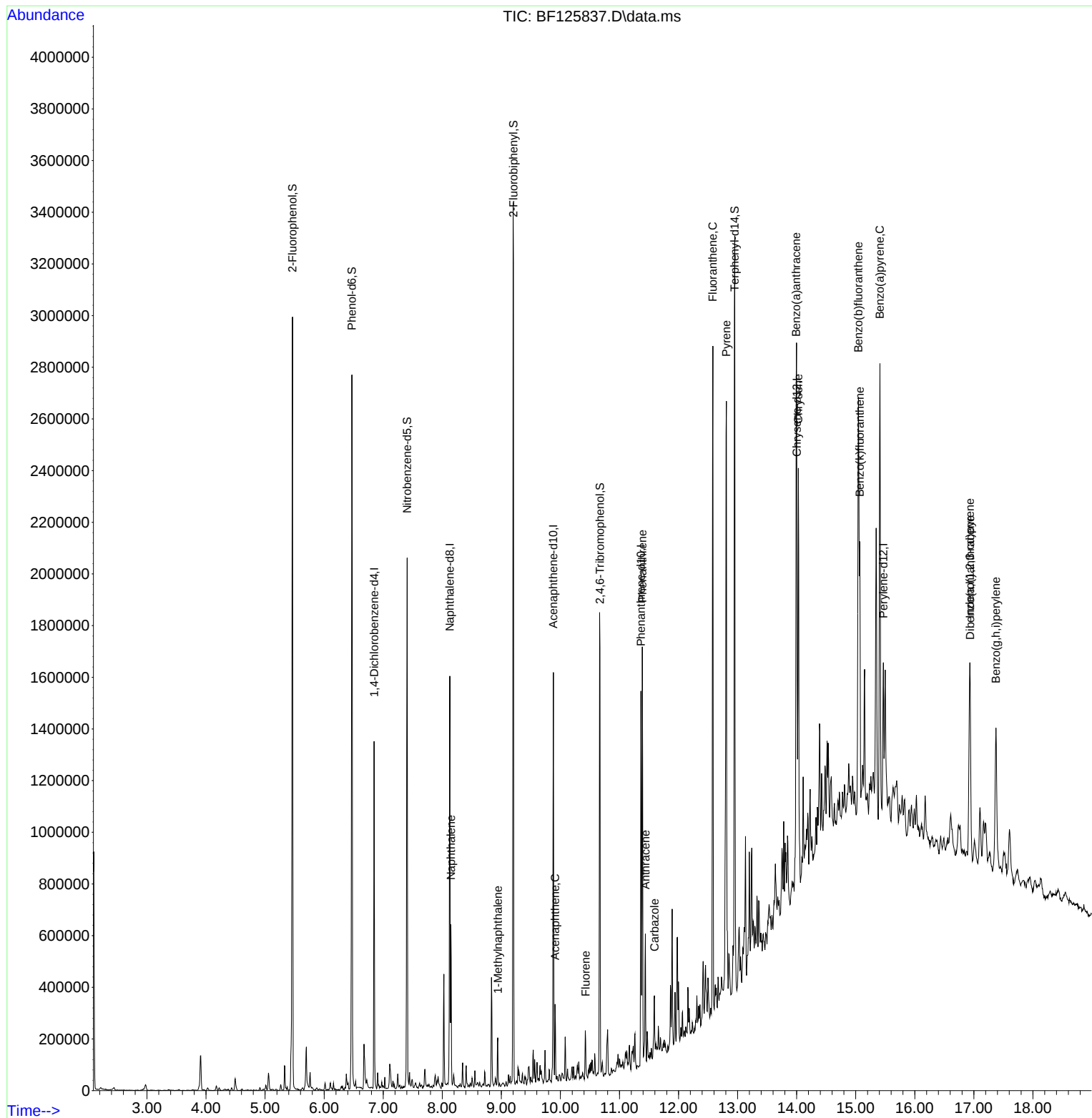
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125837.D
Acq On : 13 Oct 2021 20:56
Operator : JU/CG
Sample : M4147-01
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ALS Vial : 22 Sample Multiplier: 1

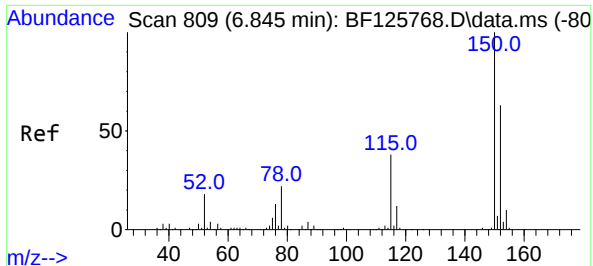
Instrument :
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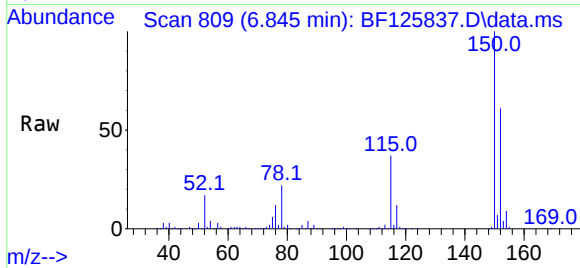
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Quant Time: Oct 14 09:04:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 13:23:32 2021
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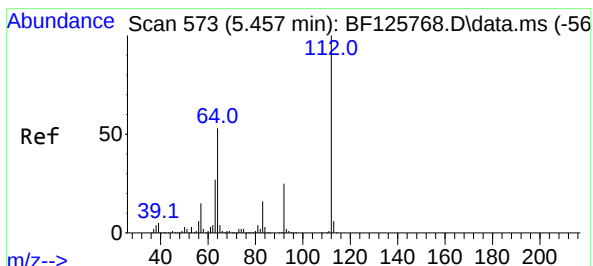
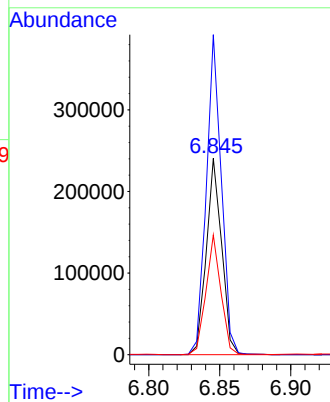
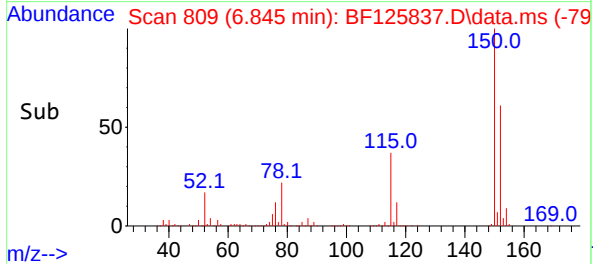




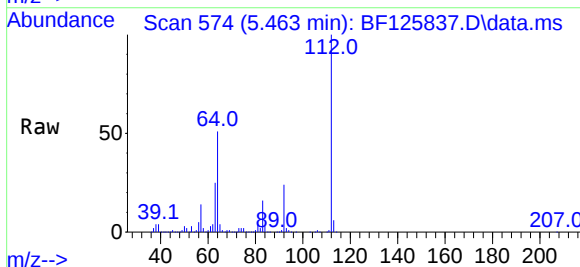
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125837.D
Acq: 13 Oct 2021 20:56



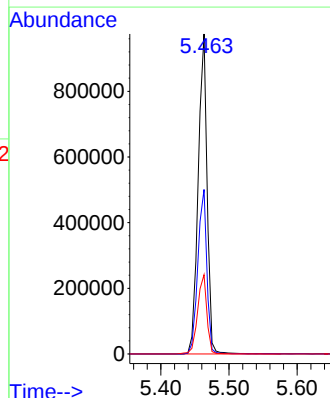
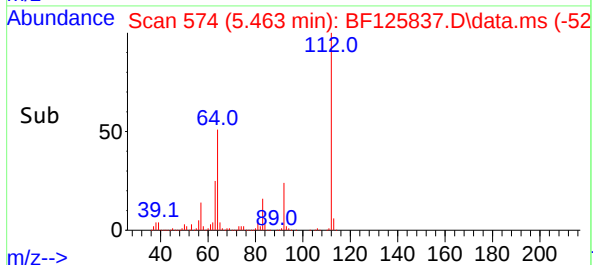
Tgt Ion:152 Resp: 181506
Ion Ratio Lower Upper
152 100
150 163.0 117.6 176.4
115 60.9 47.1 70.7



#5
2-Fluorophenol
Concen: 79.37 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF125837.D
Acq: 13 Oct 2021 20:56



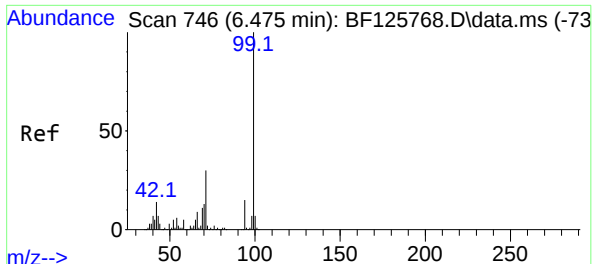
Tgt Ion:112 Resp: 881846
Ion Ratio Lower Upper
112 100
64 51.4 44.2 66.2
63 24.8 26.2 39.2#



Instrument :
BNA_F
ClientSampleId :
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#7
Phenol-d6
Concen: 72.66 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF125837.D
Acq: 13 Oct 2021 20:56

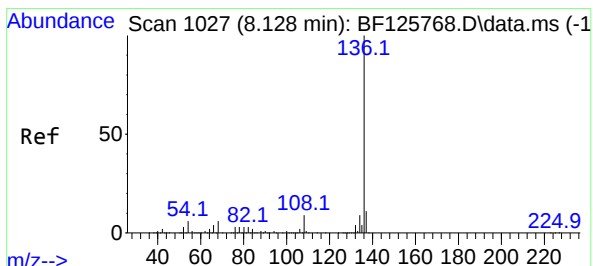
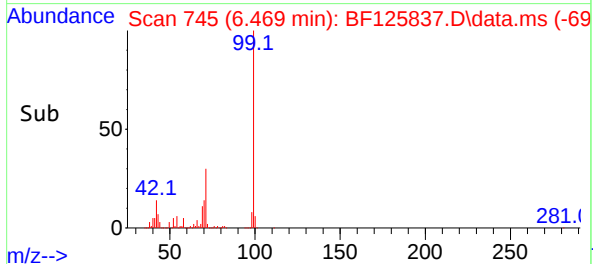
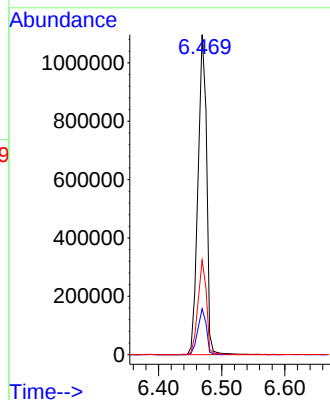
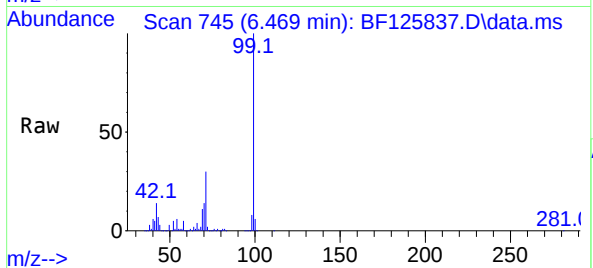
Tgt Ion: 99 Resp: 1039292

Ion	Ratio	Lower	Upper
99	100		
42	14.4	23.5	35.3#
71	29.6	25.6	38.4

Instrument :
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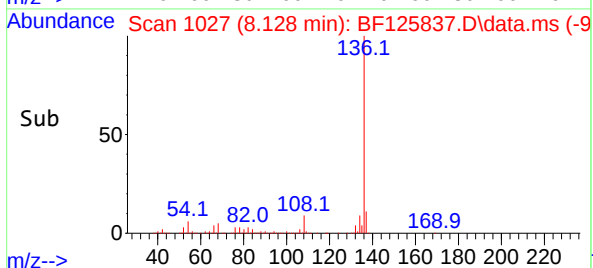
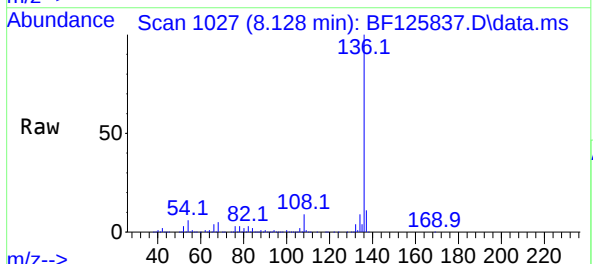
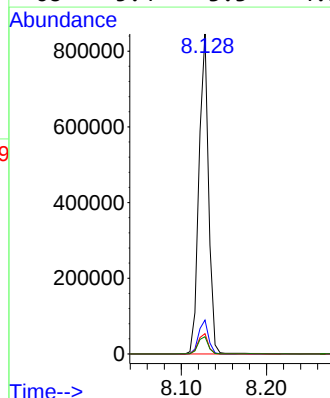
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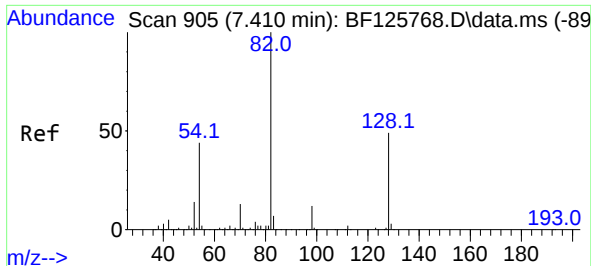


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF125837.D
Acq: 13 Oct 2021 20:56

Tgt Ion: 136 Resp: 663205

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	6.4	6.4	9.6#
68	5.4	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 55.18 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF125837.D

Acq: 13 Oct 2021 20:56

Tgt Ion: 82 Resp: 588763

Ion Ratio Lower Upper

82 100

128 49.3 40.6 60.8

54 43.2 49.6 74.4#

Instrument :

BNA_F

ClientSampleId :

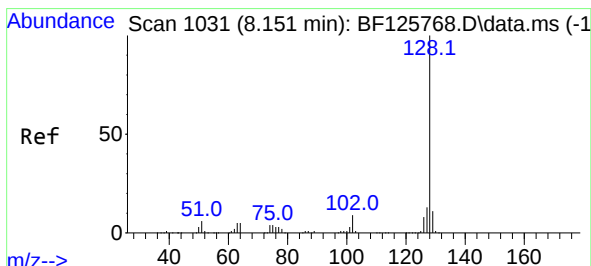
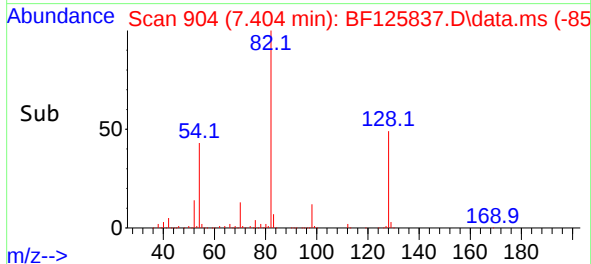
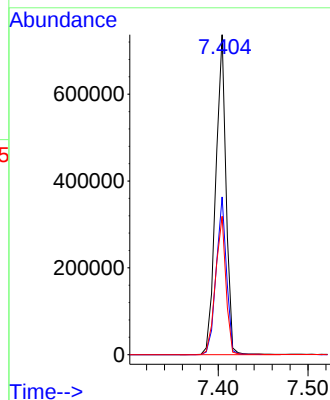
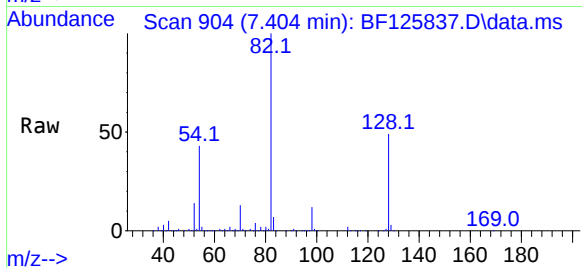
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#31

Naphthalene

Concen: 7.99 ng

RT: 8.145 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF125837.D

Acq: 13 Oct 2021 20:56

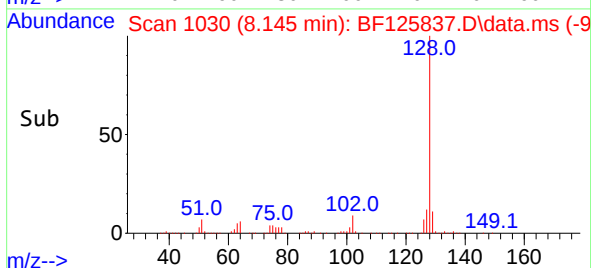
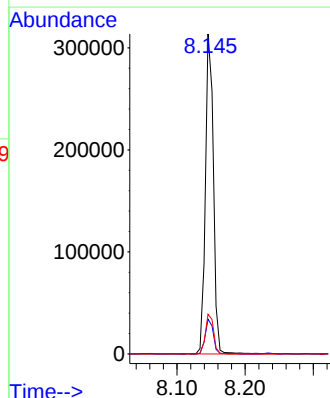
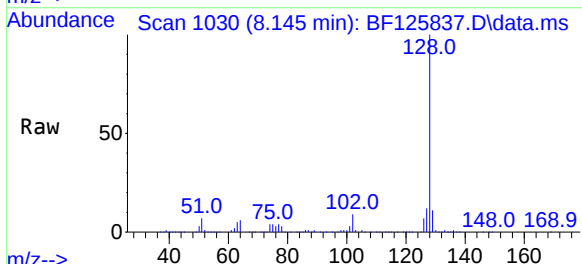
Tgt Ion: 128 Resp: 256246

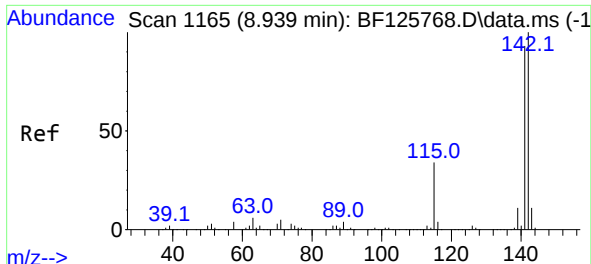
Ion Ratio Lower Upper

128 100

129 10.9 9.4 14.0

127 12.4 10.9 16.3





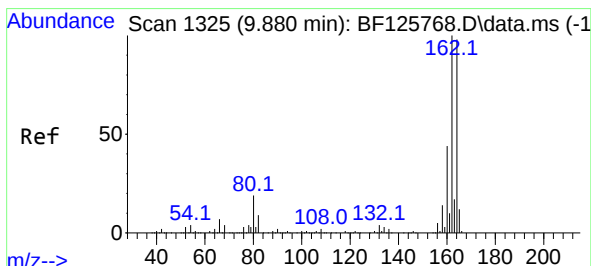
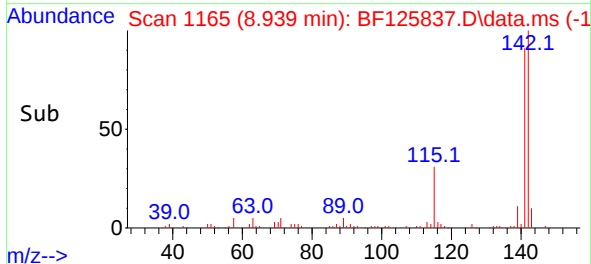
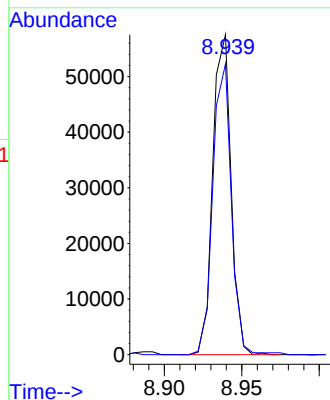
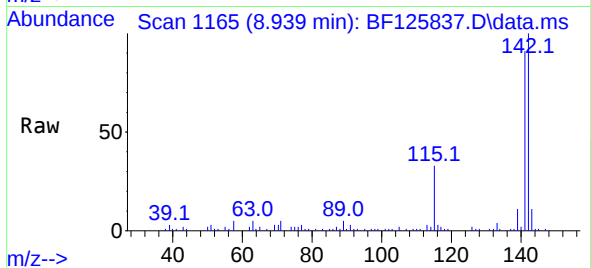
#38
1-Methylnaphthalene
Concen: 2.34 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF125837.D
Acq: 13 Oct 2021 20:56

Tgt Ion:142 Resp: 47161
Ion Ratio Lower Upper
142 100
141 90.9 76.0 114.0

Instrument :
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ClientSampleId :
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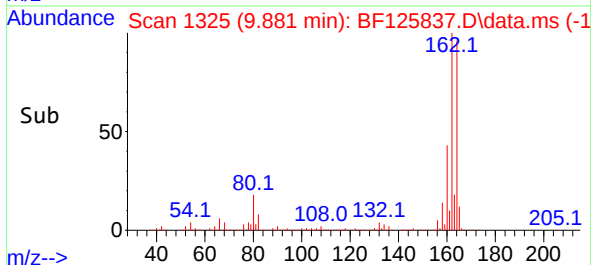
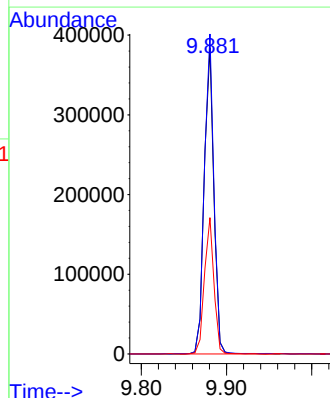
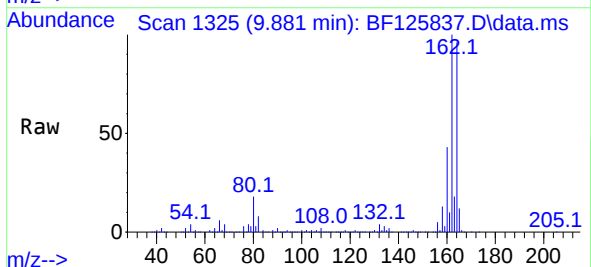
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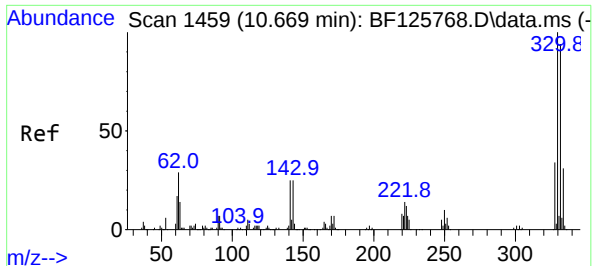
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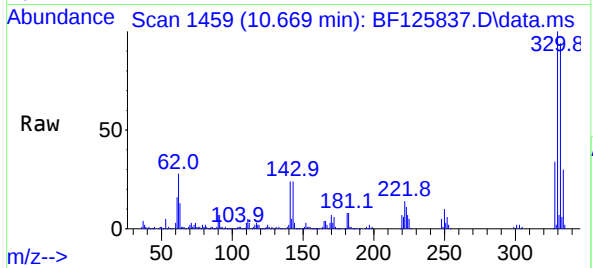
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF125837.D
Acq: 13 Oct 2021 20:56

Tgt Ion:164 Resp: 302555
Ion Ratio Lower Upper
164 100
162 104.5 81.3 121.9
160 44.5 38.0 57.0

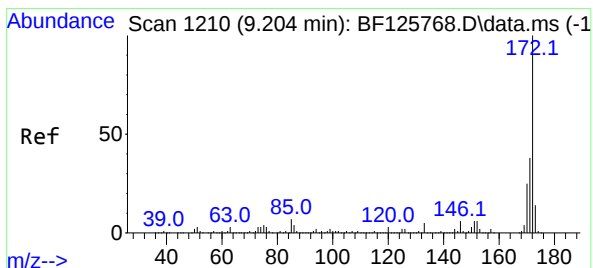
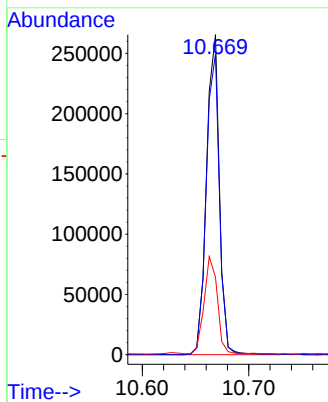
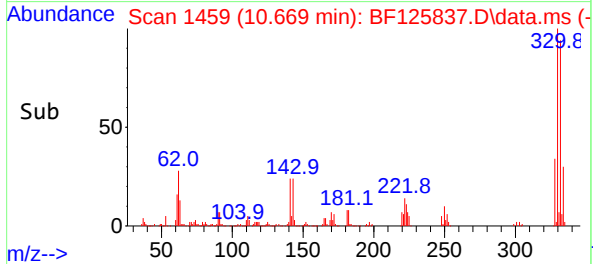




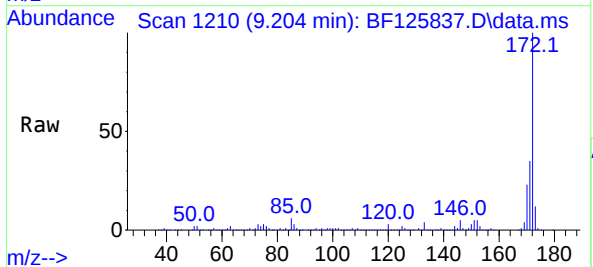
#42
2,4,6-Tribromophenol
Concen: 75.04 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF125837.D
Acq: 13 Oct 2021 20:56



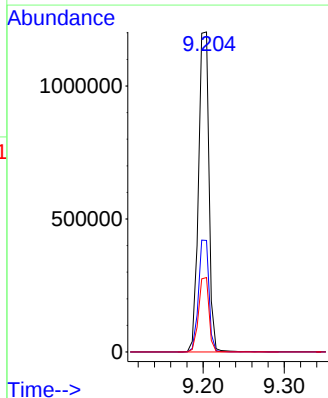
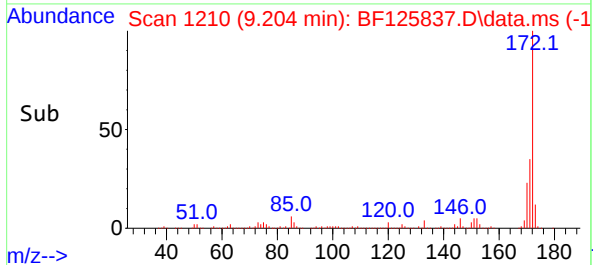
Tgt Ion: 330 Resp: 224148
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 31.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 61.84 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF125837.D
Acq: 13 Oct 2021 20:56



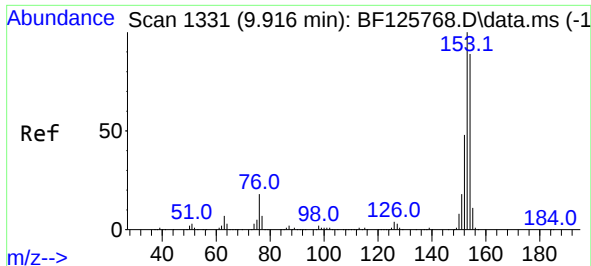
Tgt Ion: 172 Resp: 1084789
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 23.2 18.8 28.2



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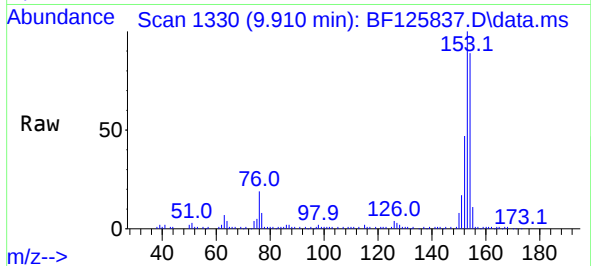
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#52
Acenaphthene
Concen: 3.39 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF125837.D
Acq: 13 Oct 2021 20:56

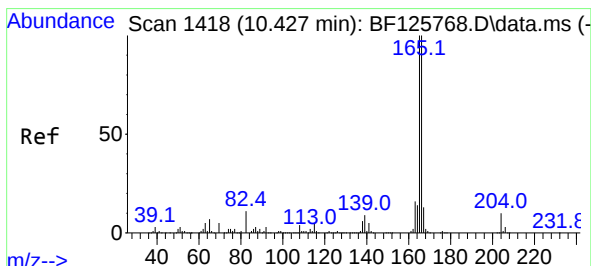
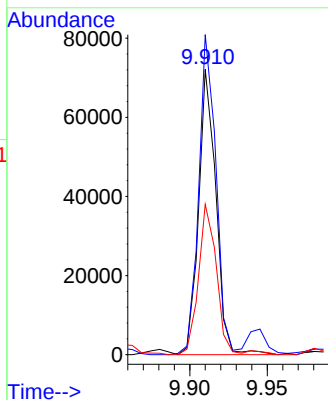
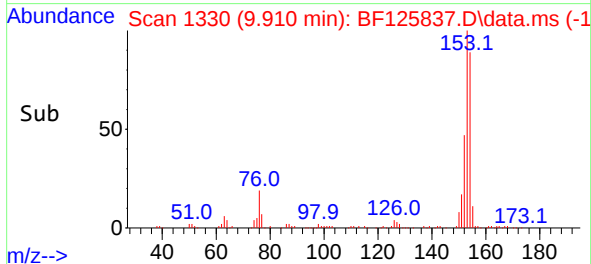
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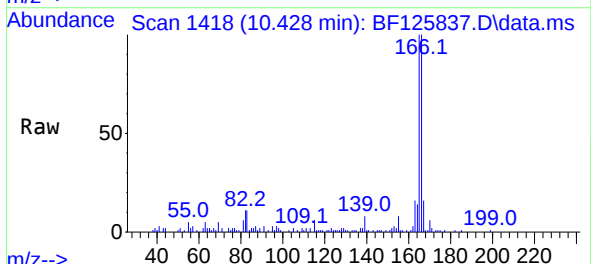
Tgt Ion:154 Resp: 55953
Ion Ratio Lower Upper
154 100
153 112.2 89.4 134.2
152 52.7 40.5 60.7

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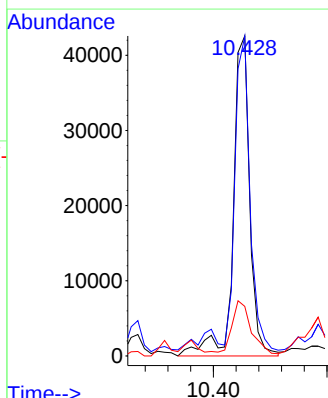
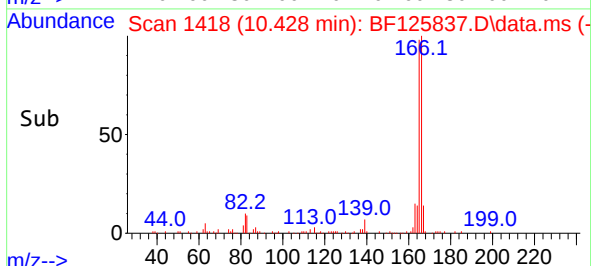
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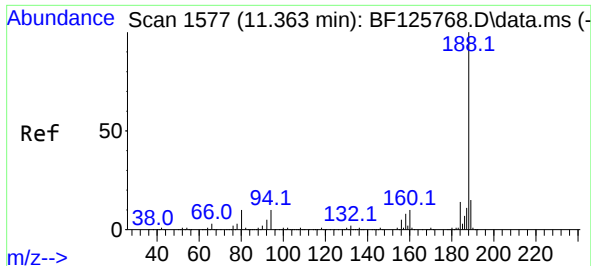


#58
Fluorene
Concen: 2.36 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF125837.D
Acq: 13 Oct 2021 20:56

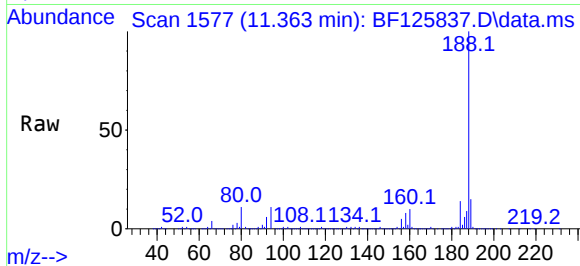


Tgt Ion:166 Resp: 42795
Ion Ratio Lower Upper
166 100
165 99.8 78.1 117.1
167 15.5 11.1 16.7

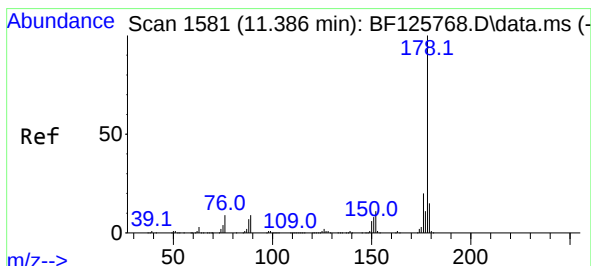
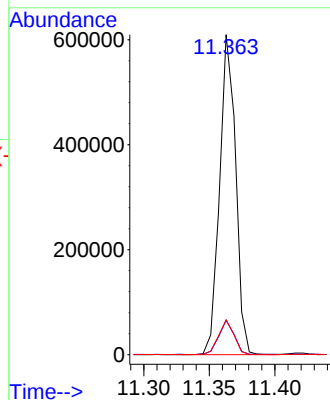
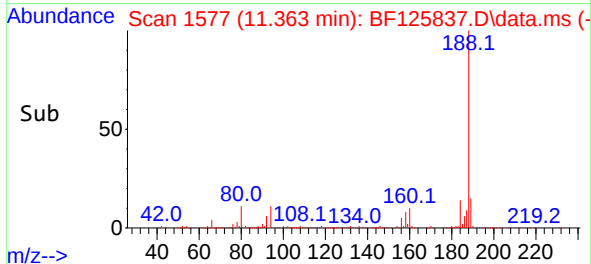




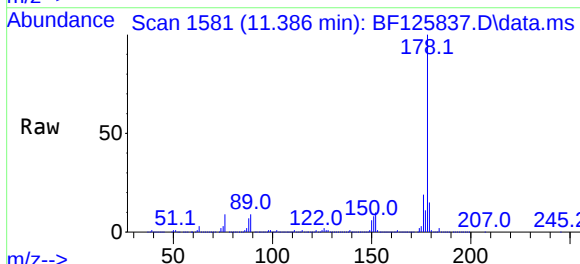
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF125837.D
Acq: 13 Oct 2021 20:56



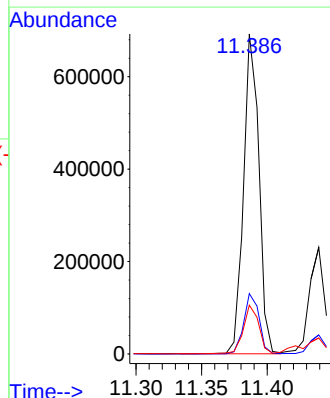
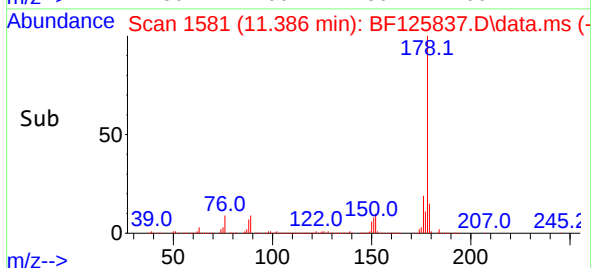
Tgt Ion:188 Resp: 516769
Ion Ratio Lower Upper
188 100
94 10.8 6.7 10.1#
80 10.9 7.5 11.3



#71
Phenanthrene
Concen: 20.43 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125837.D
Acq: 13 Oct 2021 20:56



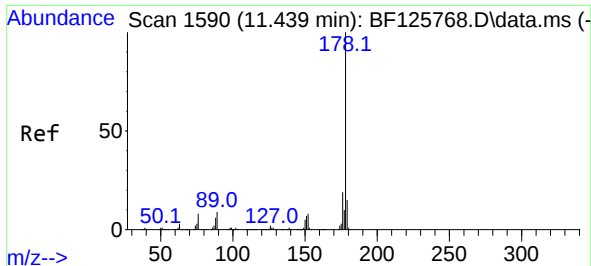
Tgt Ion:178 Resp: 564766
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.3 11.5 17.3



Instrument :
BNA_F
ClientSampleId :
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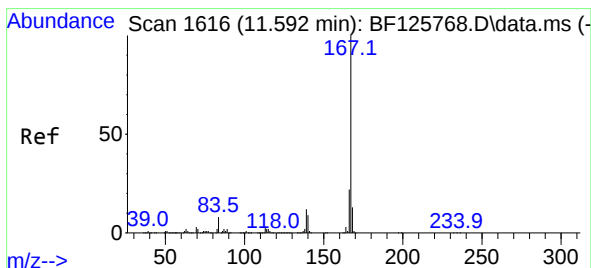
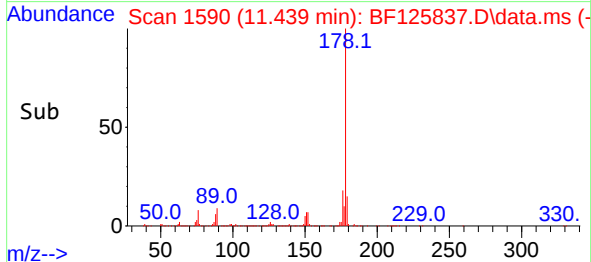
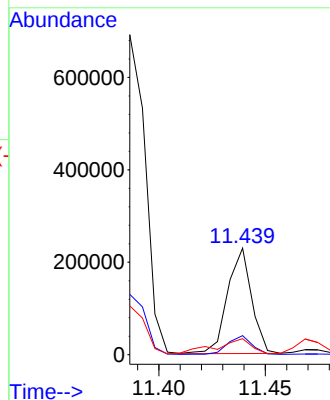
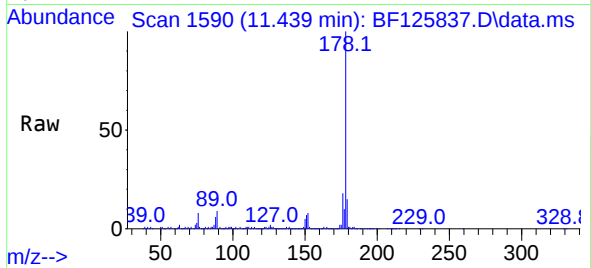
#72
 Anthracene
 Concen: 6.53 ng
 RT: 11.439 min Scan# 1590
 Delta R.T. 0.000 min
 Lab File: BF125837.D
 Acq: 13 Oct 2021 20:56

Tgt Ion:178 Resp: 180241
 Ion Ratio Lower Upper
 178 100
 176 17.9 14.3 21.5
 179 15.0 12.2 18.4

Instrument :
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 ClientSampleId :
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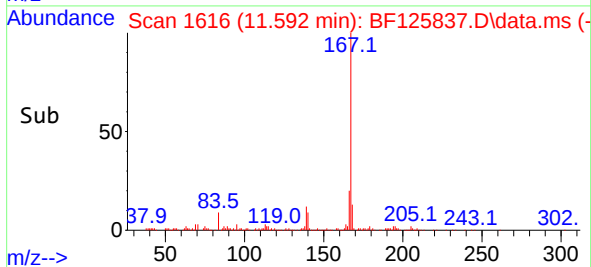
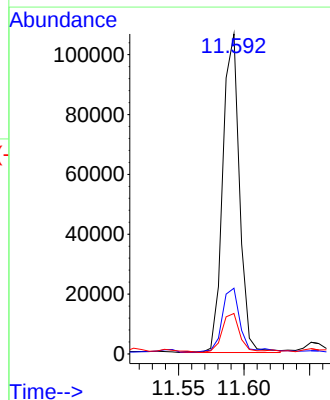
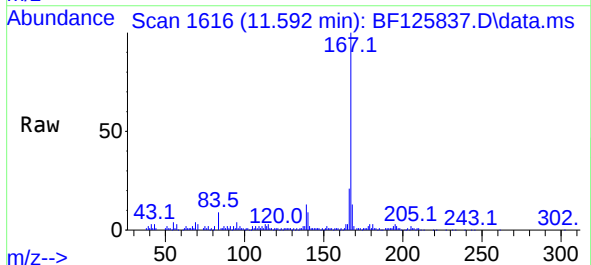
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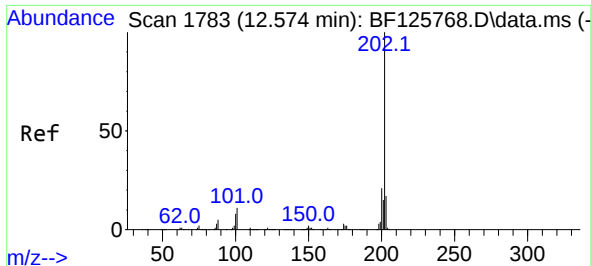
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#73
 Carbazole
 Concen: 3.67 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF125837.D
 Acq: 13 Oct 2021 20:56

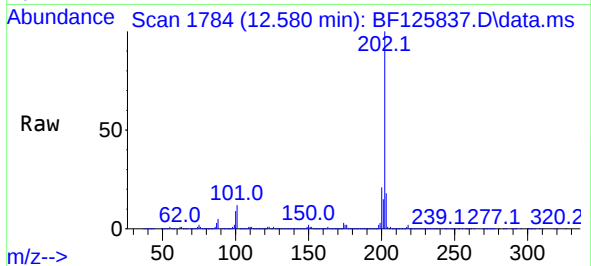
Tgt Ion:167 Resp: 94331
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.4 26.0
 139 12.6 11.0 16.4





#75
Fluoranthene
Concen: 40.10 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.006 min
Lab File: BF125837.D
Acq: 13 Oct 2021 20:56

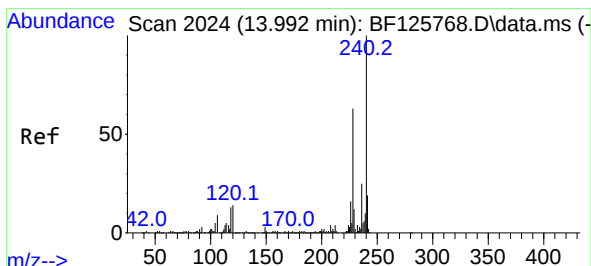
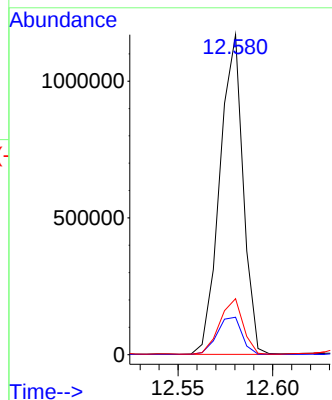
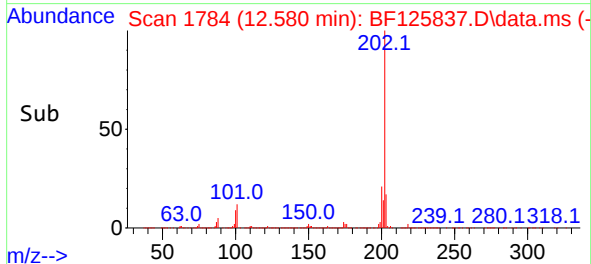
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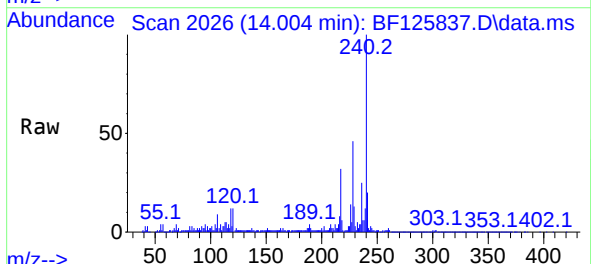
Tgt Ion:202 Resp: 1000510
Ion Ratio Lower Upper
202 100
101 11.7 0.0 30.7
203 17.5 0.0 36.3

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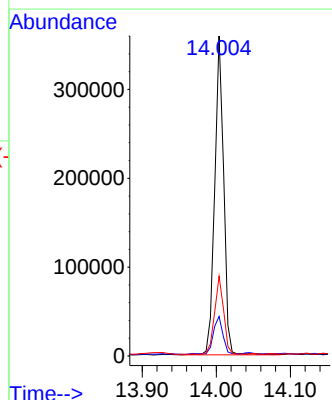
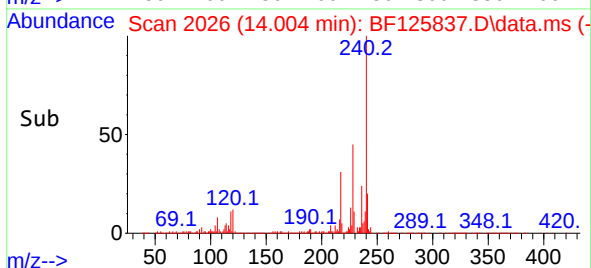
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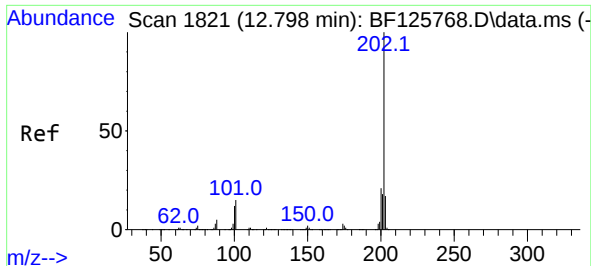


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF125837.D
Acq: 13 Oct 2021 20:56



Tgt Ion:240 Resp: 300664
Ion Ratio Lower Upper
240 100
120 12.4 10.8 16.2
236 24.9 21.6 32.4





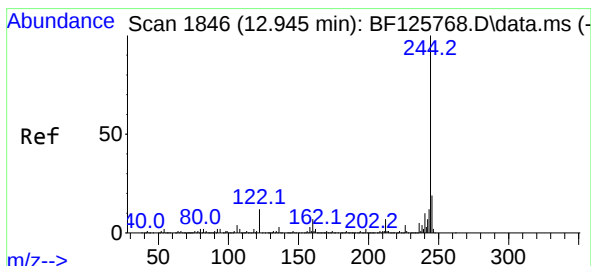
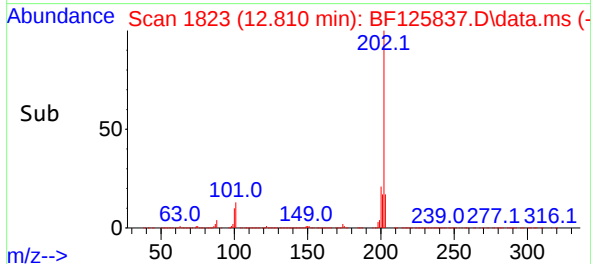
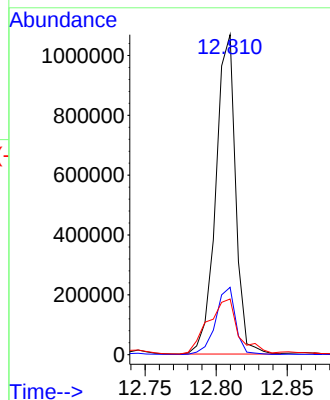
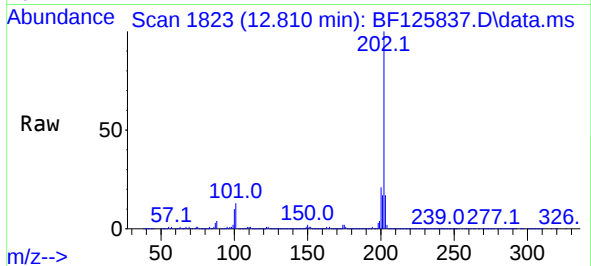
#78
Pyrene
Concen: 33.83 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.006 min
Lab File: BF125837.D
Acq: 13 Oct 2021 20:56

Tgt Ion:202 Resp: 1033361
Ion Ratio Lower Upper
202 100
200 21.1 15.3 22.9
203 17.4 13.4 20.0

Instrument :
BNA_F
ClientSampleId :
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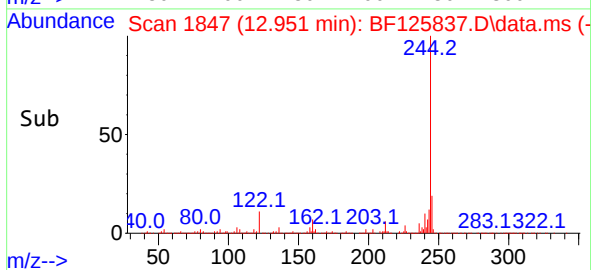
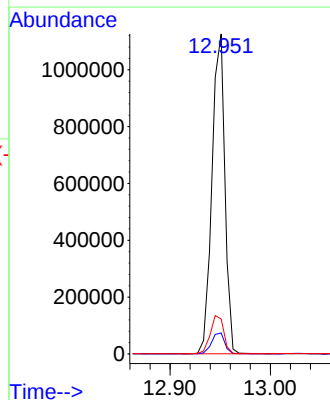
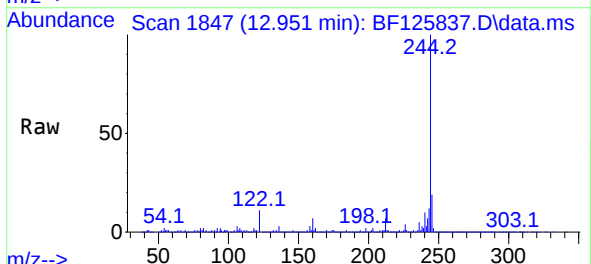
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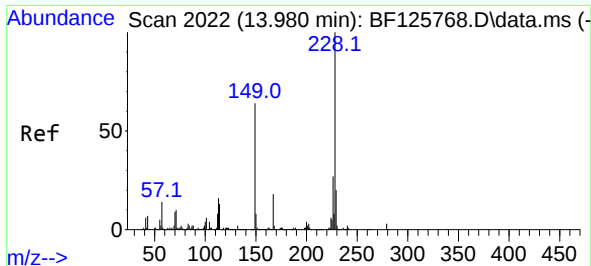
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#79
Terphenyl-d14
Concen: 51.06 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.006 min
Lab File: BF125837.D
Acq: 13 Oct 2021 20:56

Tgt Ion:244 Resp: 1007797
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 10.9 9.0 13.4





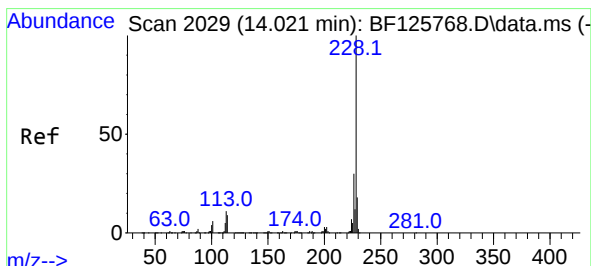
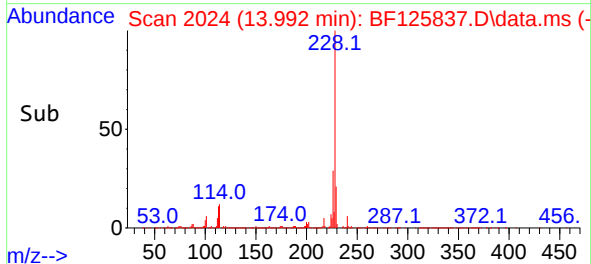
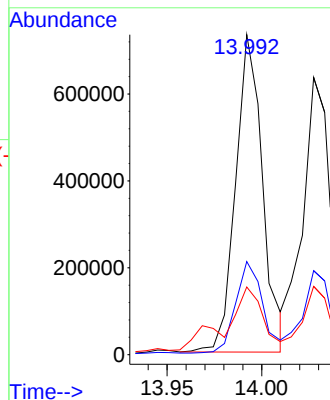
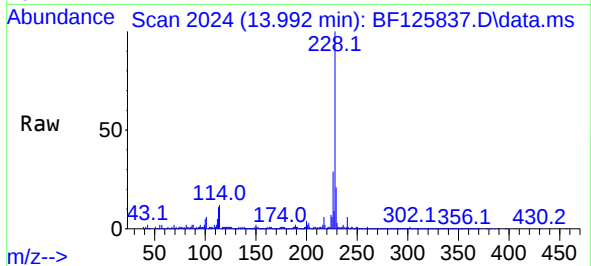
#81
Benzo(a)anthracene
Concen: 37.08 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF125837.D
Acq: 13 Oct 2021 20:56

Tgt Ion:228 Resp: 723379
Ion Ratio Lower Upper
228 100
226 29.1 21.6 32.4
229 21.1 15.6 23.4

Instrument :
BNA_F
ClientSampleId :
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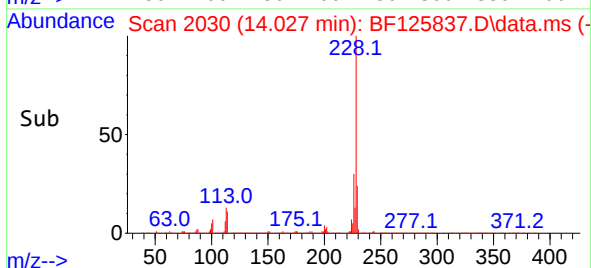
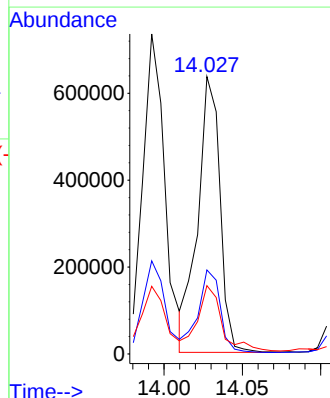
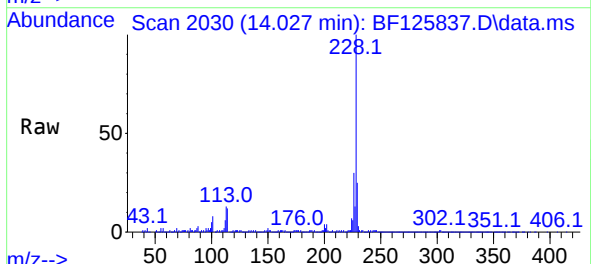
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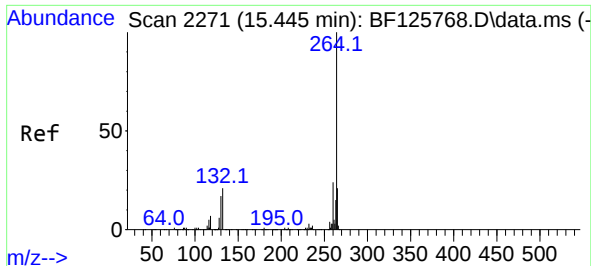
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#83
Chrysene
Concen: 32.49 ng m
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF125837.D
Acq: 13 Oct 2021 20:56

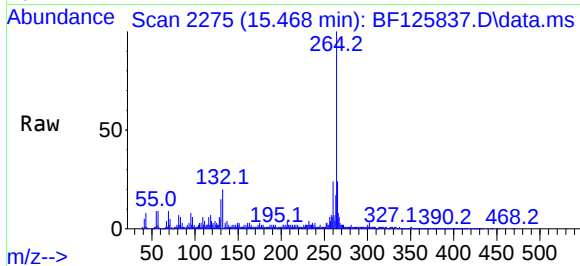
Tgt Ion:228 Resp: 626485
Ion Ratio Lower Upper
228 100
226 30.3 22.6 34.0
229 24.7 15.9 23.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.018 min
Lab File: BF125837.D
Acq: 13 Oct 2021 20:56

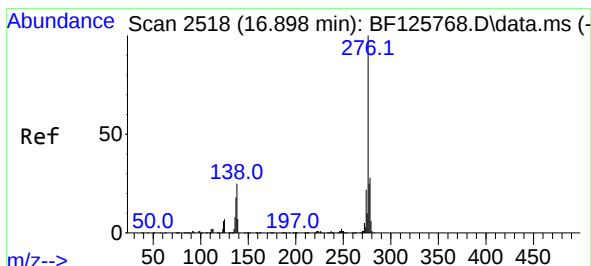
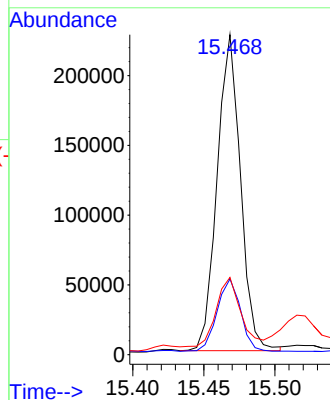
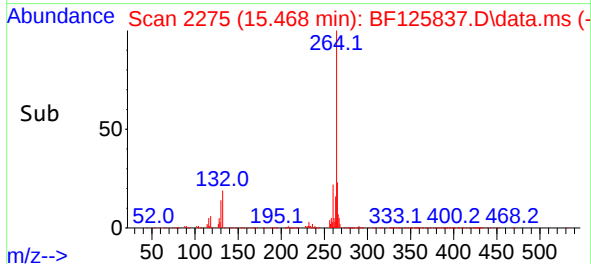
Instrument :
BNA_F
ClientSampleId :
20-20211007-WC



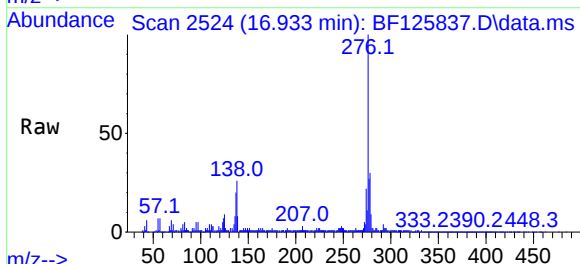
Tgt Ion:264 Resp: 259145
Ion Ratio Lower Upper
264 100
260 23.6 19.6 29.4
265 24.2 17.2 25.8

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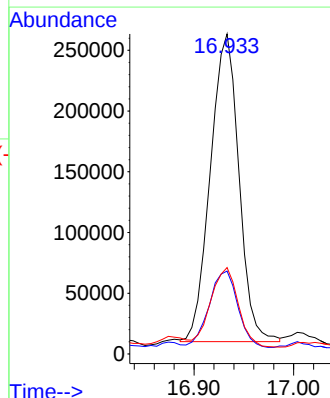
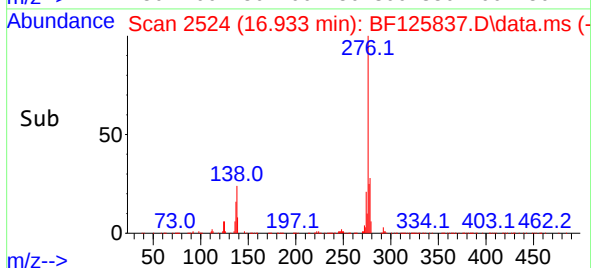
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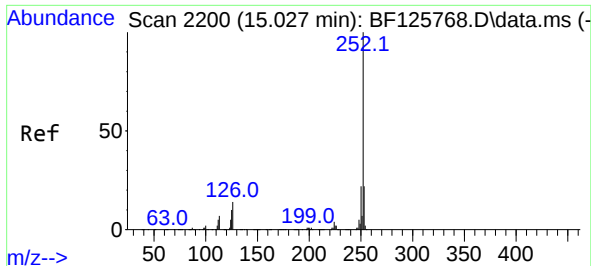


#87
Indeno(1,2,3-cd)pyrene
Concen: 25.52 ng m
RT: 16.933 min Scan# 2524
Delta R.T. 0.024 min
Lab File: BF125837.D
Acq: 13 Oct 2021 20:56



Tgt Ion:276 Resp: 504728
Ion Ratio Lower Upper
276 100
138 5.9 24.1 36.1#
277 5.4 18.8 28.2#





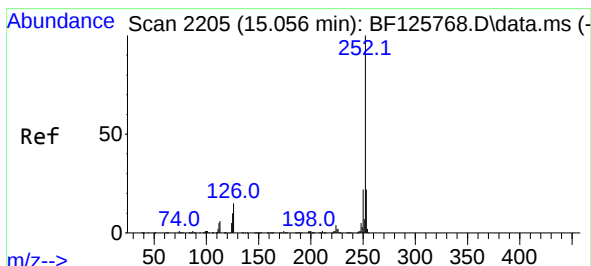
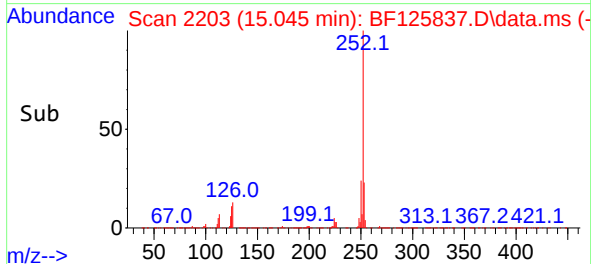
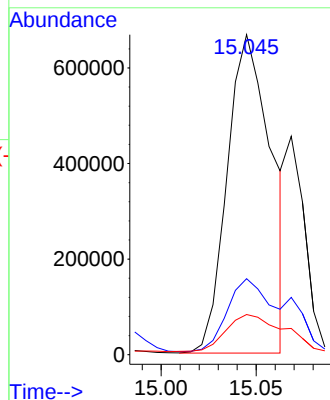
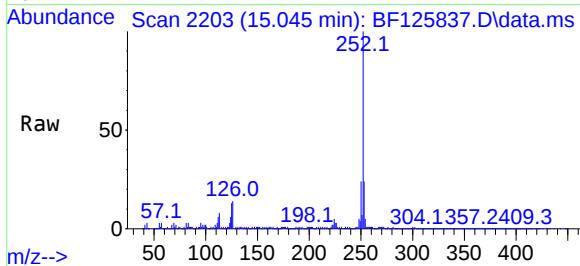
#88
Benzo(b)fluoranthene
Concen: 73.46 ng m
RT: 15.045 min Scan# 2203
Delta R.T. 0.018 min
Lab File: BF125837.D
Acq: 13 Oct 2021 20:56

Tgt Ion:252 Resp: 1074812
Ion Ratio Lower Upper
252 100
253 23.8 16.8 25.2
125 12.5 9.8 14.8

Instrument :
BNA_F
ClientSampleId :
20-20211007-WC

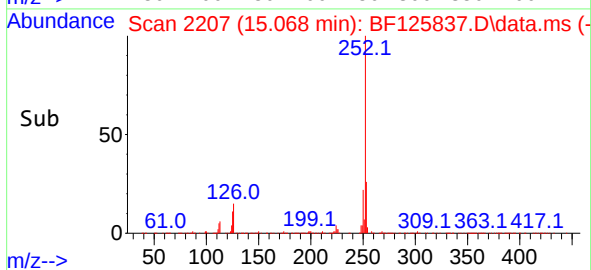
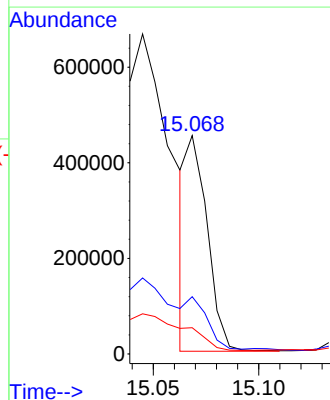
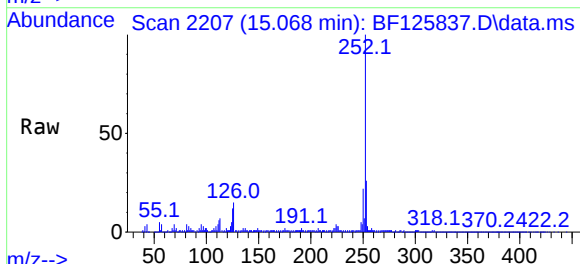
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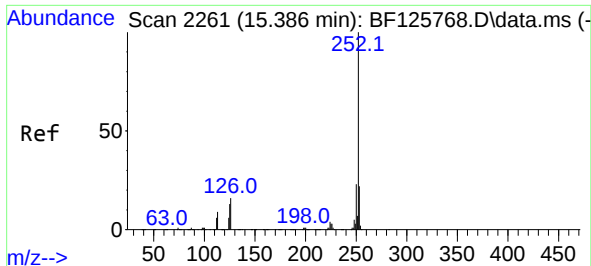
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#89
Benzo(k)fluoranthene
Concen: 20.43 ng m
RT: 15.068 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF125837.D
Acq: 13 Oct 2021 20:56

Tgt Ion:252 Resp: 306841
Ion Ratio Lower Upper
252 100
253 26.2 17.8 26.8
125 12.0 7.2 10.8#





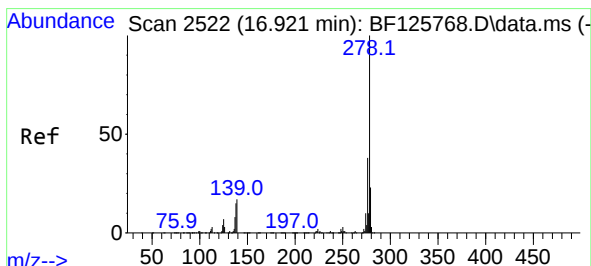
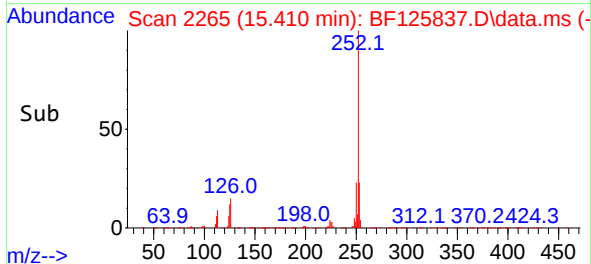
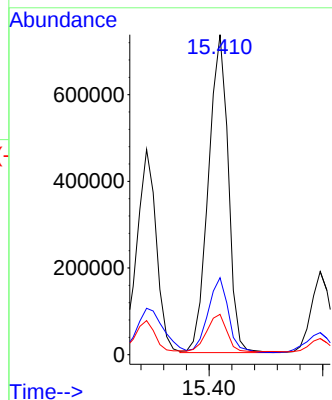
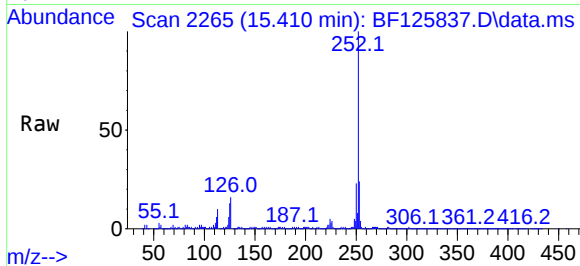
#90
Benzo(a)pyrene
Concen: 68.68 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.018 min
Lab File: BF125837.D
Acq: 13 Oct 2021 20:56

Tgt Ion:252 Resp: 889804
Ion Ratio Lower Upper
252 100
253 24.1 18.4 27.6
125 12.6 9.9 14.9

Instrument :
BNA_F
ClientSampleId :
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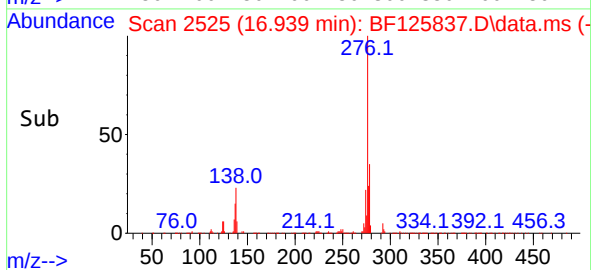
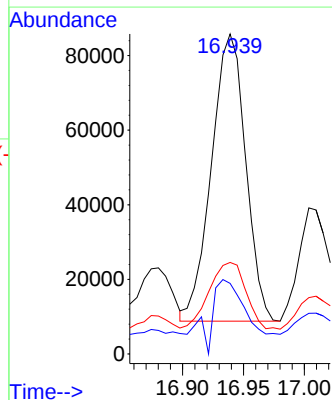
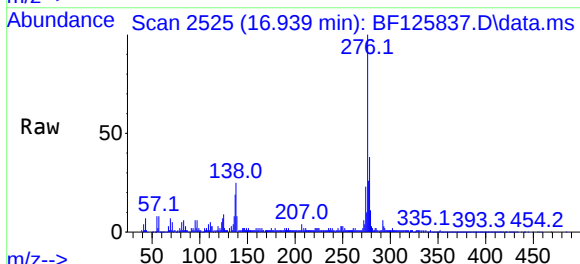
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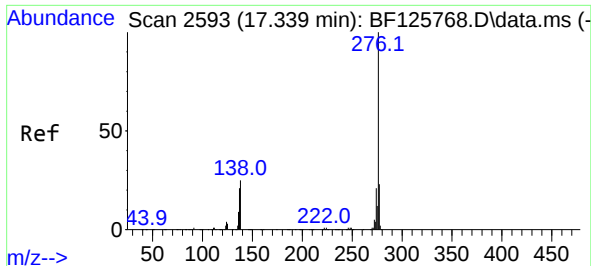
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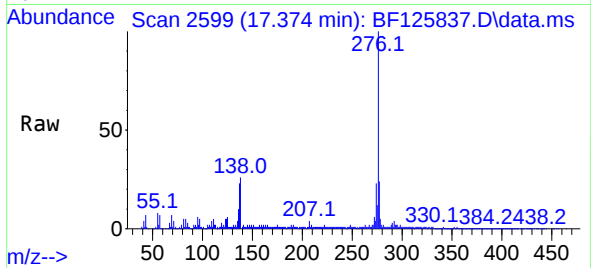
#91
Dibenzo(a,h)anthracene
Concen: 9.21 ng
RT: 16.939 min Scan# 2525
Delta R.T. 0.012 min
Lab File: BF125837.D
Acq: 13 Oct 2021 20:56

Tgt Ion:278 Resp: 150331
Ion Ratio Lower Upper
278 100
139 22.1 14.9 22.3
279 28.6 19.7 29.5

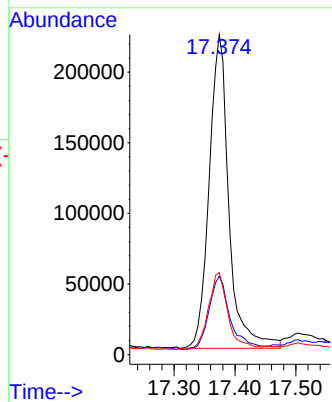
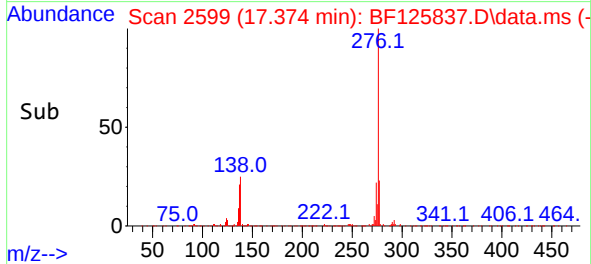




#92
Benzo(g,h,i)perylene
Concen: 30.04 ng
RT: 17.374 min Scan# 2599
Delta R.T. 0.024 min
Lab File: BF125837.D
Acq: 13 Oct 2021 20:56



Tgt Ion: 276 Resp: 500540
Ion Ratio Lower Upper
276 100
277 24.4 22.0 33.0
138 25.6 22.2 33.4



Instrument :
BNA_F
ClientSampleId :
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