

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
 Data File : BF128810.D
 Acq On : 14 Jun 2022 20:14
 Operator : CG\JU
 Sample : N3334-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-7

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/15/2022
 Supervised By : Jagrut Upadhyay 06/15/2022

Quant Time: Jun 15 01:02:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	62738	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	207504	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	103366	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	175663	20.000	ng	# 0.00
76) Chrysene-d12	14.004	240	127659	20.000	ng	# 0.04
86) Perylene-d12	15.486	264	94838	20.000	ng	# 0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	287451	72.980	ng	0.00
7) Phenol-d6	6.434	99	345203	71.798	ng	0.00
23) Nitrobenzene-d5	7.345	82	246932	55.405	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	77367	63.347	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	389440	52.776	ng	0.00
79) Terphenyl-d14	12.927	244	388773	52.918	ng	0.02
Target Compounds						Qvalue
31) Naphthalene	8.086	128	68908	6.471	ng	# 81
37) 2-Methylnaphthalene	8.786	142	258607	38.179	ng	97
38) 1-Methylnaphthalene	8.881	142	260190	39.758	ng	98
46) 1,1'-Biphenyl	9.245	154	26496	3.416	ng	93
52) Acenaphthene	9.857	154	15319	2.596	ng	# 72
58) Fluorene	10.375	166	45193	6.873	ng	# 86
71) Phenanthrene	11.345	178	174916	19.852	ng	# 96
72) Anthracene	11.392	178	28055	3.217	ng	# 65
75) Fluoranthene	12.551	202	41007m	4.452	ng	
78) Pyrene	12.780	202	171000	18.004	ng	# 90
81) Benzo(a)anthracene	13.992	228	86957	10.928	ng	# 53
83) Chrysene	14.027	228	153282	20.205	ng	# 70
88) Benzo(b)fluoranthene	15.057	252	34243m	5.651	ng	
90) Benzo(a)pyrene	15.427	252	44918	9.431	ng	# 1
92) Benzo(g,h,i)perylene	17.368	276	32552	6.927	ng	# 74

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

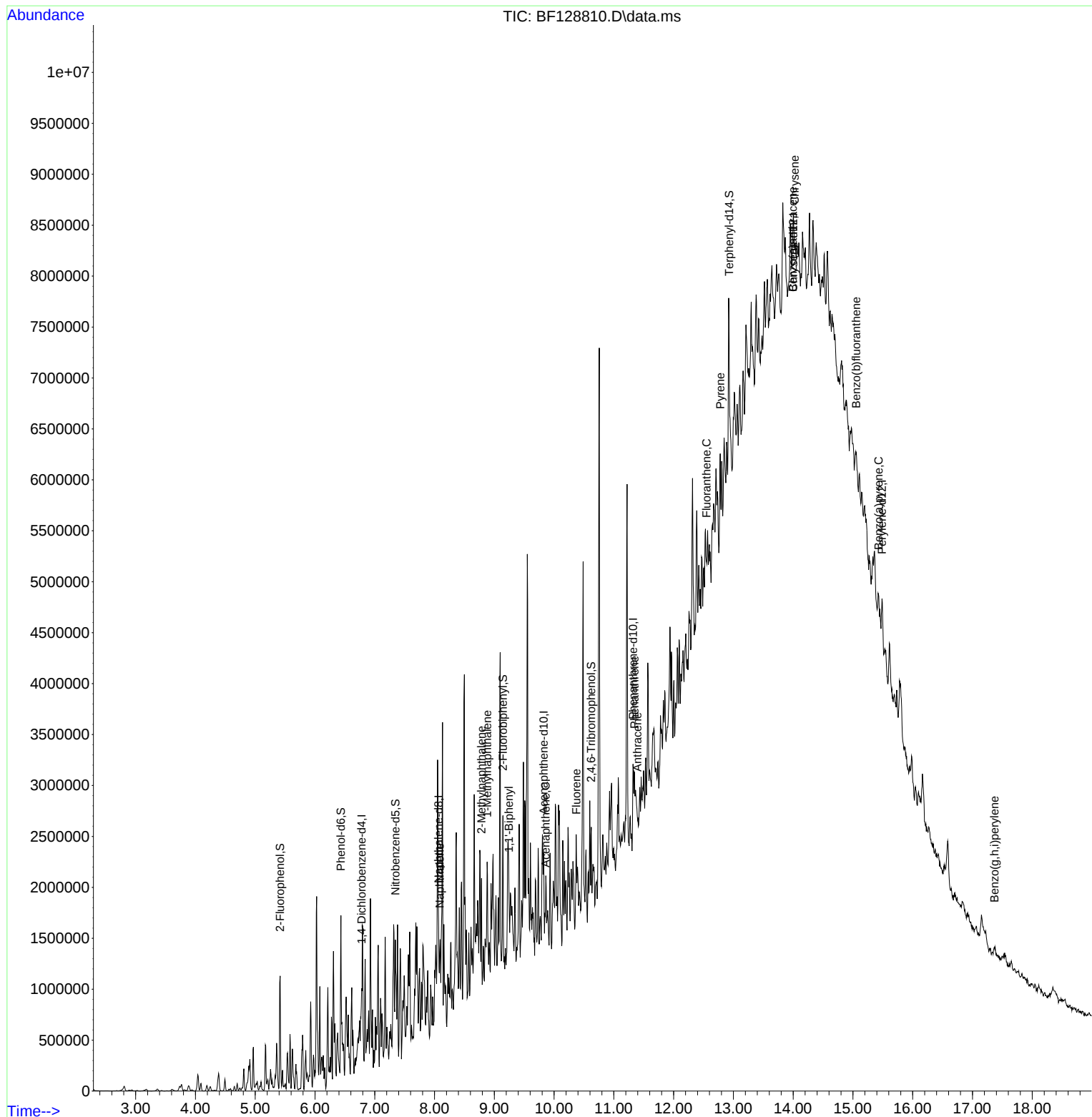
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
Data File : BF128810.D
Acq On : 14 Jun 2022 20:14
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ALS Vial : 14 Sample Multiplier: 1

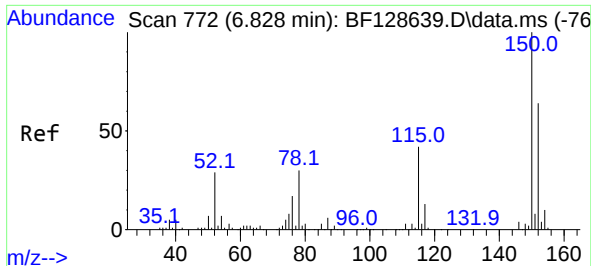
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
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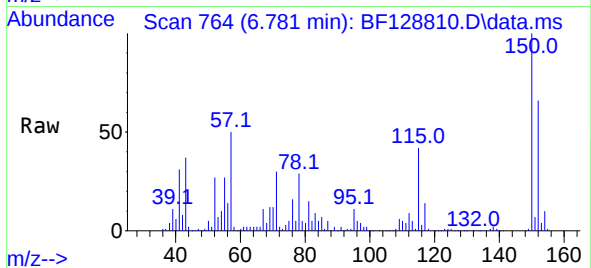
Reviewed By : Christian Giraldo 06/15/2022
Supervised By : Jagrut Upadhyay 06/15/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF128810.D
Acq: 14 Jun 2022 20:14

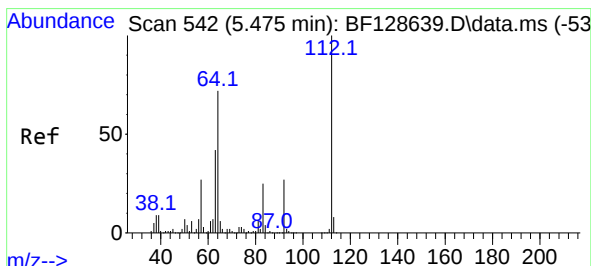
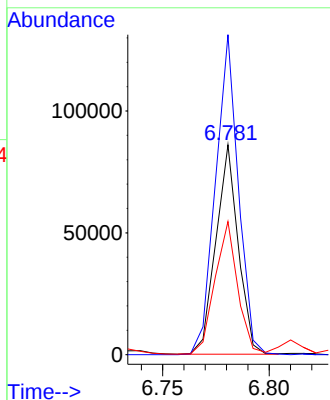
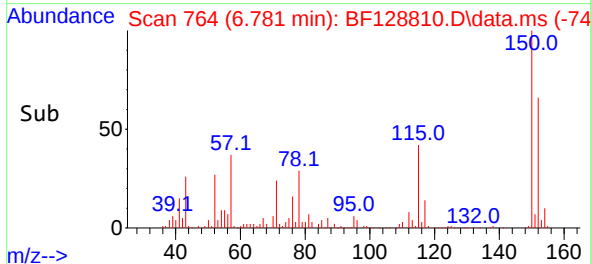
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BNA_F
ClientSampleId :
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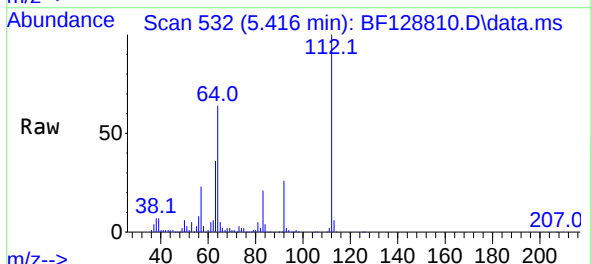
Tgt Ion:152 Resp: 62738
Ion Ratio Lower Upper
152 100
150 152.5 123.7 185.5
115 63.4 49.9 74.9

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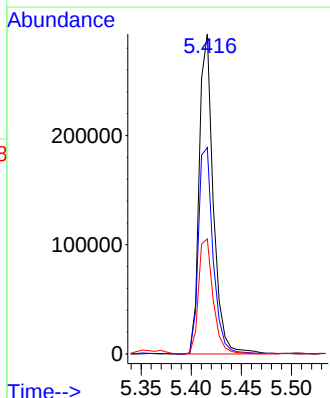
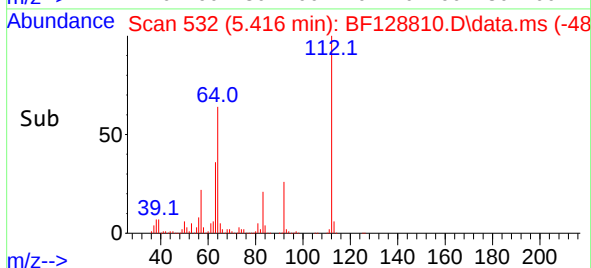
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Supervised By :Jagrut Upadhyay 06/15/2022

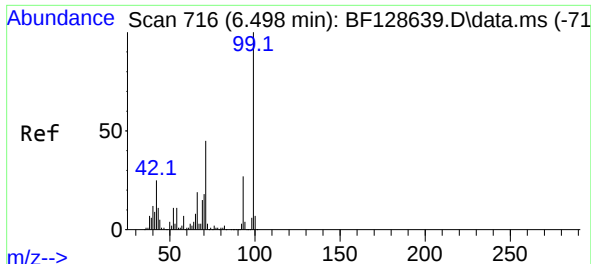


#5
2-Fluorophenol
Concen: 72.980 ng
RT: 5.416 min Scan# 532
Delta R.T. -0.000 min
Lab File: BF128810.D
Acq: 14 Jun 2022 20:14



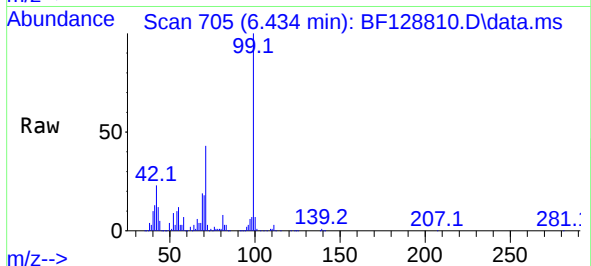
Tgt Ion:112 Resp: 287451
Ion Ratio Lower Upper
112 100
64 64.5 53.3 79.9
63 36.0 28.0 42.0





#7
Phenol-d6
Concen: 71.798 ng
RT: 6.434 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128810.D
Acq: 14 Jun 2022 20:14

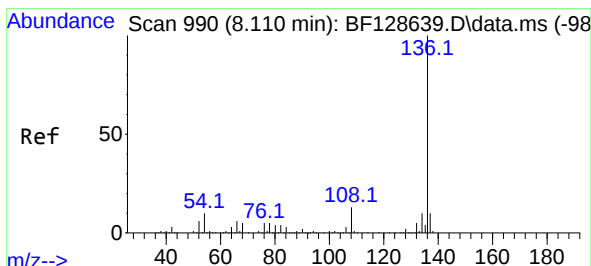
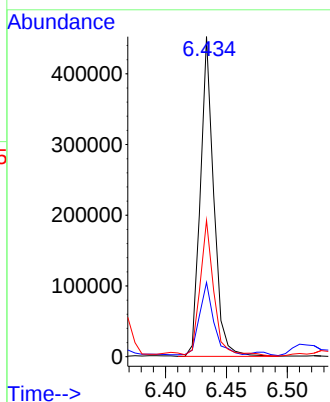
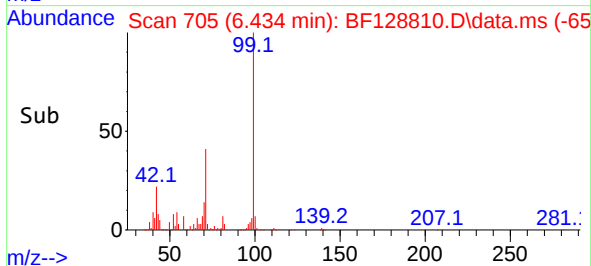
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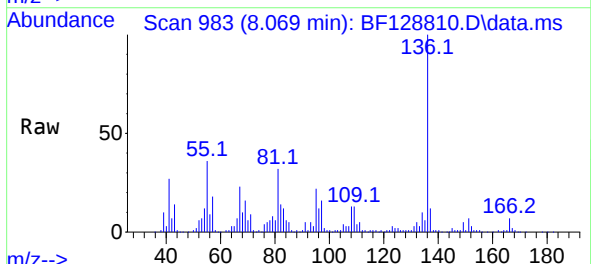
Tgt Ion: 99 Resp: 34520
Ion Ratio Lower Upper
99 100
42 23.2 17.3 25.9
71 42.6 28.9 43.3

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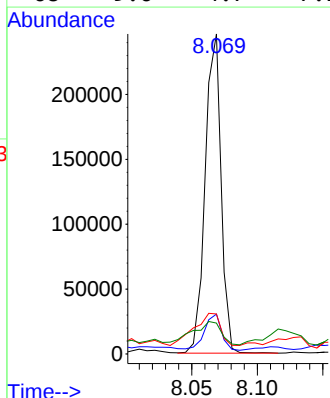
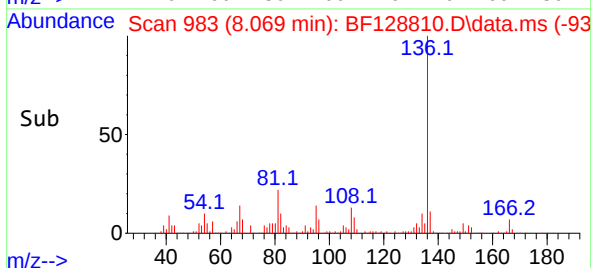
Reviewed By :Christian Giraldo 06/15/2022
Supervised By :Jagrut Upadhyay 06/15/2022

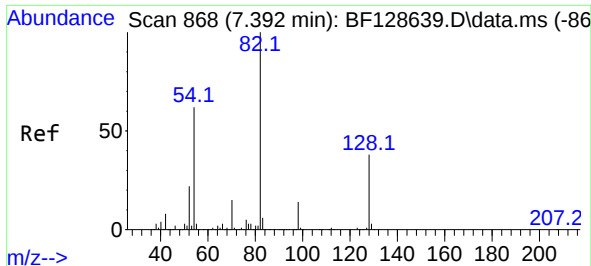


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF128810.D
Acq: 14 Jun 2022 20:14



Tgt Ion:136 Resp: 207504
Ion Ratio Lower Upper
136 100
137 12.5 8.8 13.2
54 12.5 7.5 11.3#
68 9.6 4.7 7.1#





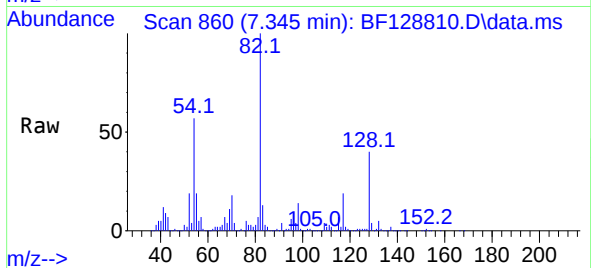
#23
Nitrobenzene-d5
Concen: 55.405 ng
RT: 7.345 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128810.D
Acq: 14 Jun 2022 20:14

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-7

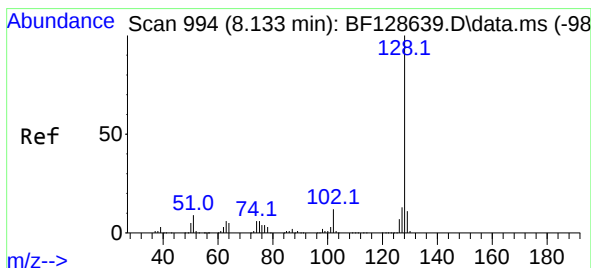
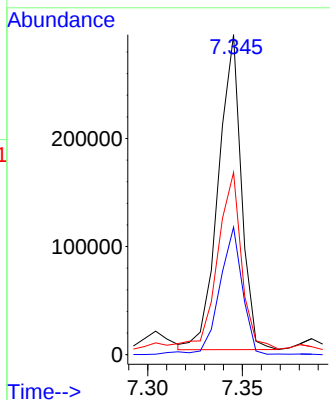
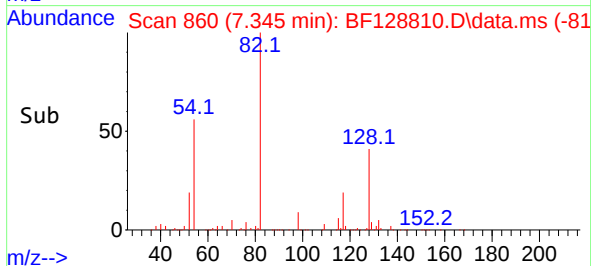


Tgt Ion: 82 Resp: 24693
Ion Ratio Lower Upper
82 100
128 39.8 34.0 51.0
54 57.0 46.9 70.3

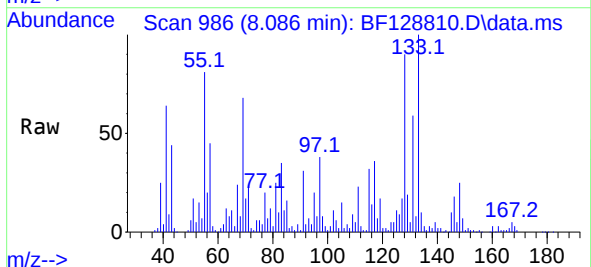
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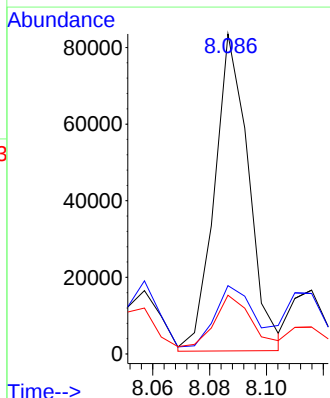
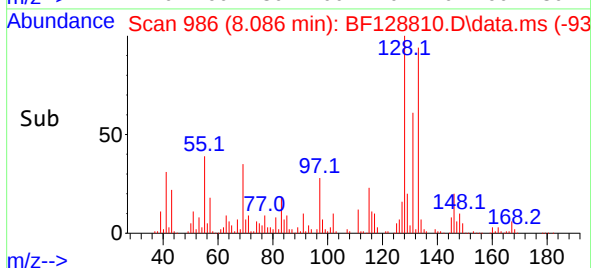
Reviewed By :Christian Giraldo 06/15/2022
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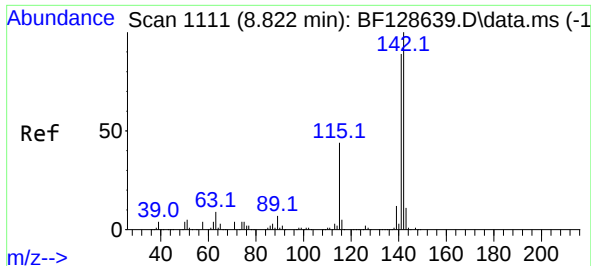


#31
Naphthalene
Concen: 6.471 ng
RT: 8.086 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF128810.D
Acq: 14 Jun 2022 20:14



Tgt Ion:128 Resp: 68908
Ion Ratio Lower Upper
128 100
129 21.4 9.2 13.8#
127 18.3 10.5 15.7#





#37
2-Methylnaphthalene
Concen: 38.179 ng
RT: 8.786 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BF128810.D
Acq: 14 Jun 2022 20:14

Instrument :

BNA_F

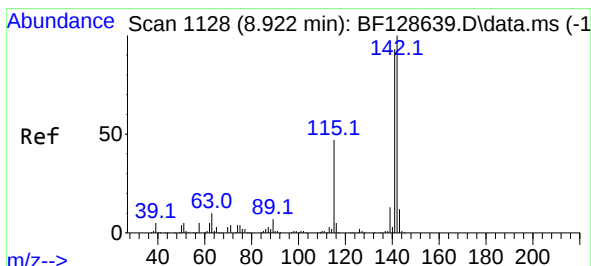
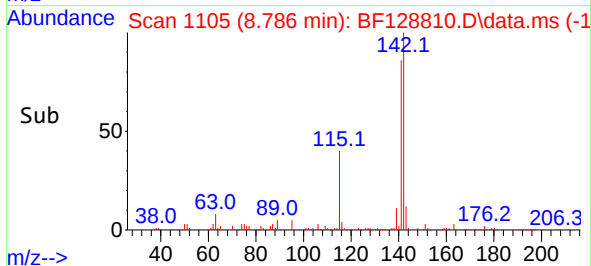
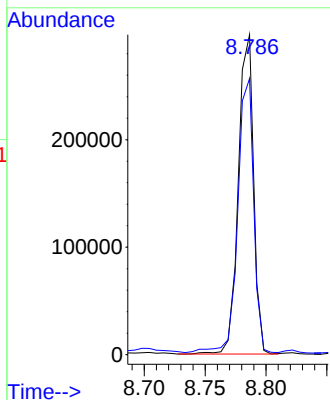
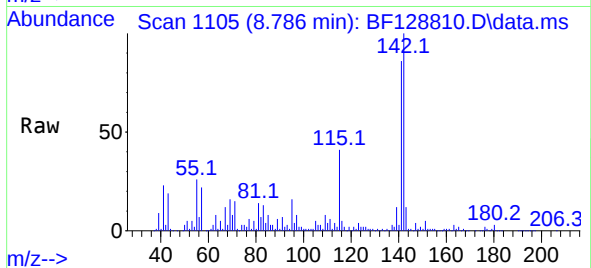
ClientSampleId :

WC-14A-1A-7

Tgt Ion:142 Resp: 25860
Ion Ratio Lower Upper
142 100
141 86.3 71.0 106.4

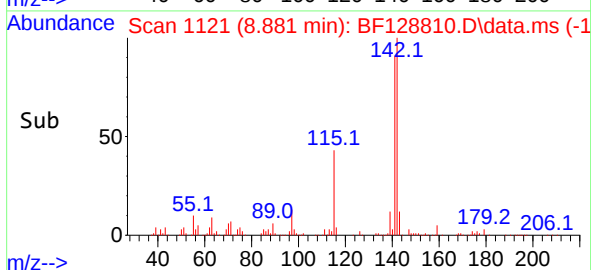
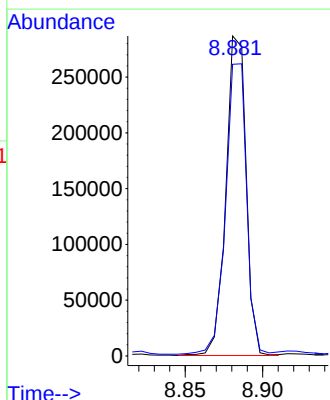
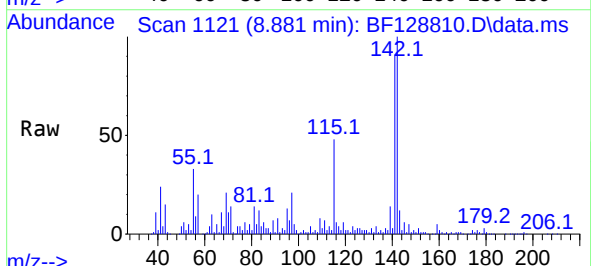
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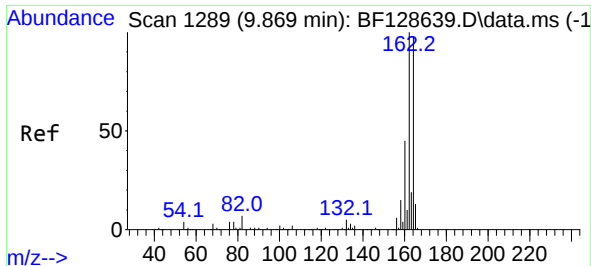
Reviewed By :Christian Giraldo 06/15/2022
Supervised By :Jagrut Upadhyay 06/15/2022



#38
1-Methylnaphthalene
Concen: 39.758 ng
RT: 8.881 min Scan# 1121
Delta R.T. -0.000 min
Lab File: BF128810.D
Acq: 14 Jun 2022 20:14

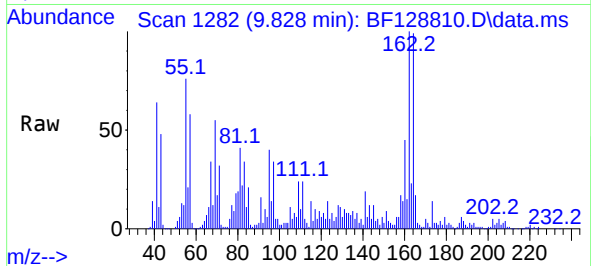
Tgt Ion:142 Resp: 260190
Ion Ratio Lower Upper
142 100
141 91.2 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128810.D
Acq: 14 Jun 2022 20:14

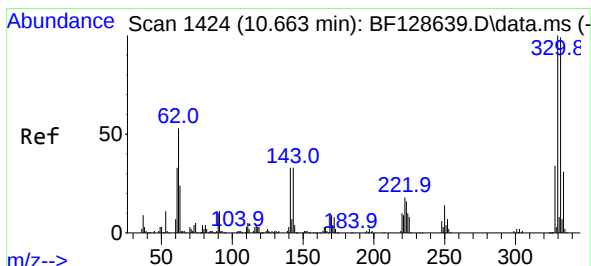
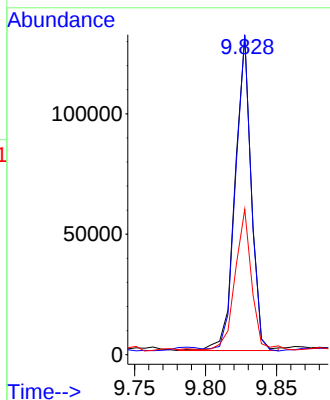
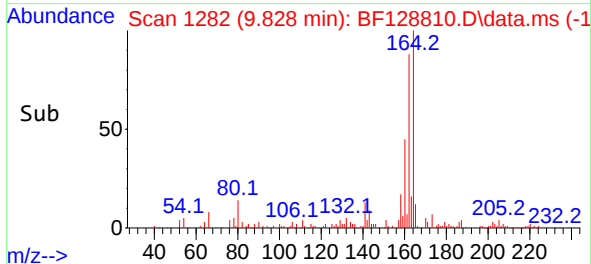
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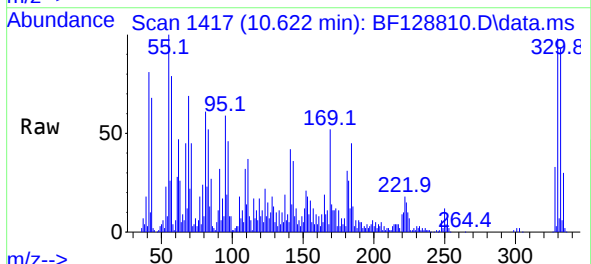
Tgt Ion:164 Resp: 103360
Ion Ratio Lower Upper
164 100
162 100.6 79.5 119.3
160 45.7 34.2 51.4

Manual Integrations
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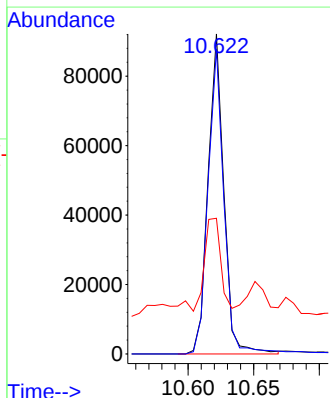
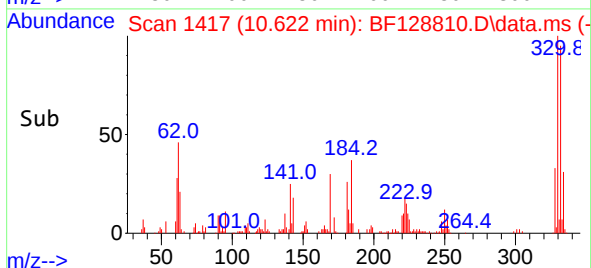
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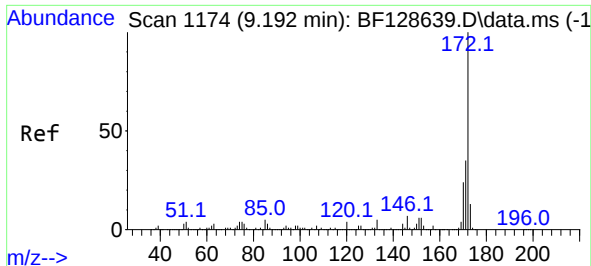


#42
2,4,6-Tribromophenol
Concen: 63.347 ng
RT: 10.622 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF128810.D
Acq: 14 Jun 2022 20:14



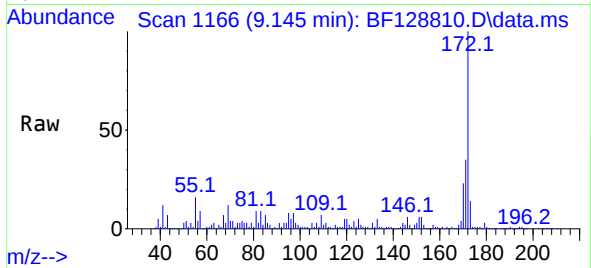
Tgt Ion:330 Resp: 77367
Ion Ratio Lower Upper
330 100
332 97.6 76.8 115.2
141 28.3 28.0 42.0





#45
2-Fluorobiphenyl
Concen: 52.776 ng
RT: 9.145 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF128810.D
Acq: 14 Jun 2022 20:14

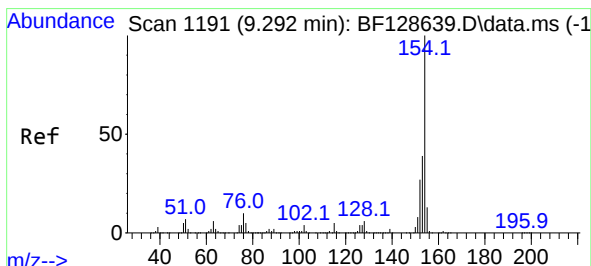
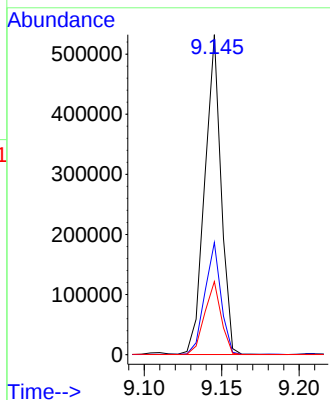
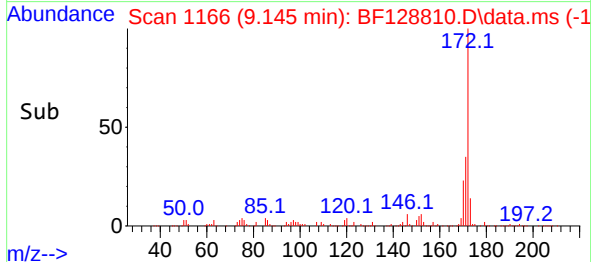
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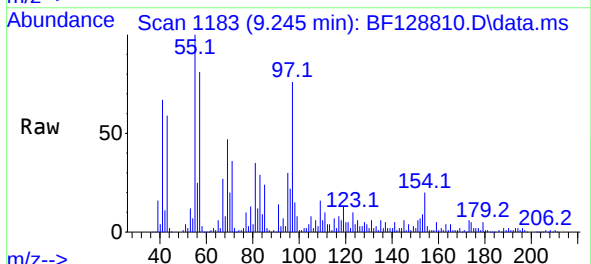
Tgt Ion:172 Resp: 389440
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 22.9 19.8 29.8

Manual Integrations
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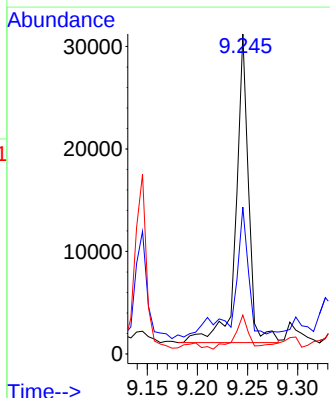
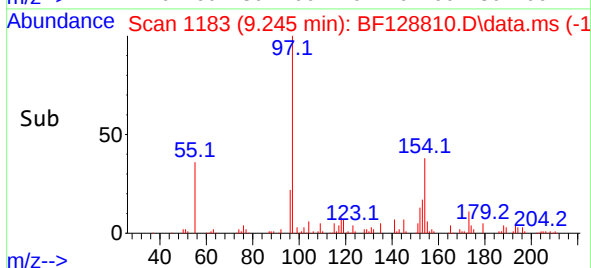
Reviewed By :Christian Giraldo 06/15/2022
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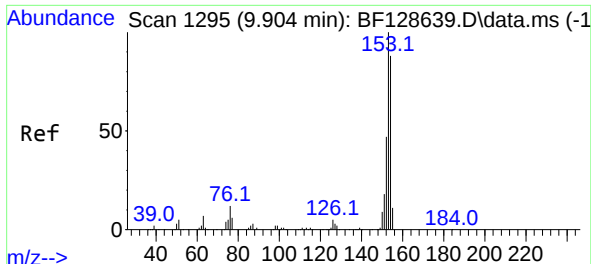


#46
1,1'-Biphenyl
Concen: 3.416 ng
RT: 9.245 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF128810.D
Acq: 14 Jun 2022 20:14



Tgt Ion:154 Resp: 26496
Ion Ratio Lower Upper
154 100
153 45.9 20.6 60.6
76 12.1 0.0 33.3





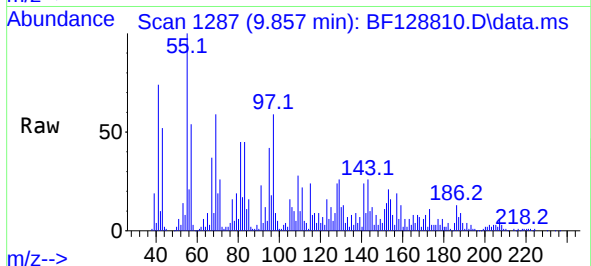
#52
Acenaphthene
Concen: 2.596 ng
RT: 9.857 min Scan# 1375
Delta R.T. -0.006 min
Lab File: BF128810.D
Acq: 14 Jun 2022 20:14

Instrument :

BNA_F

ClientSampleId :

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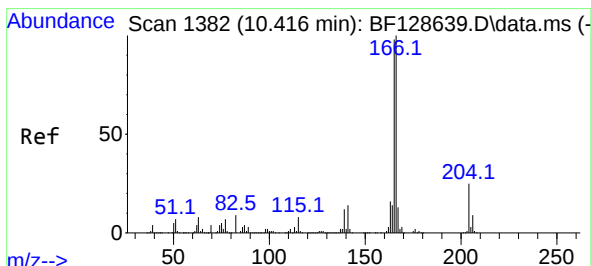
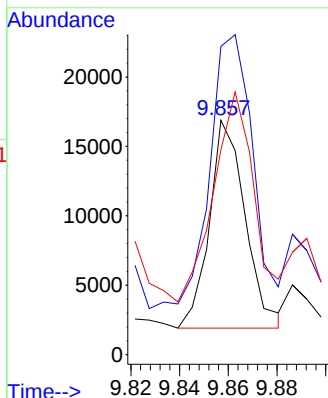
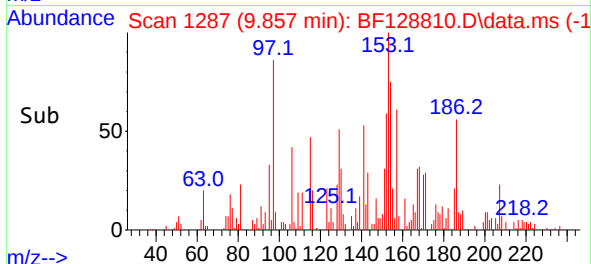


Tgt Ion:154 Resp: 15319
Ion Ratio Lower Upper
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153 131.6 89.6 134.4
152 87.4 42.4 63.6

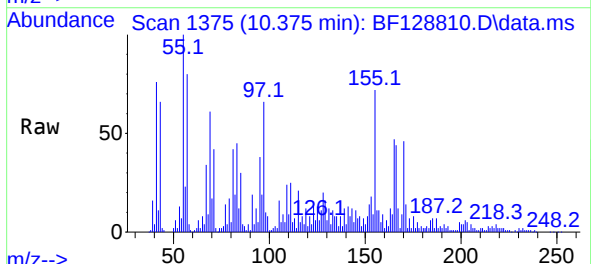
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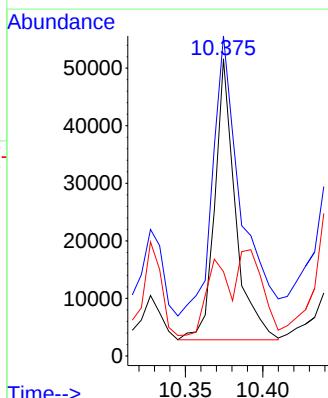
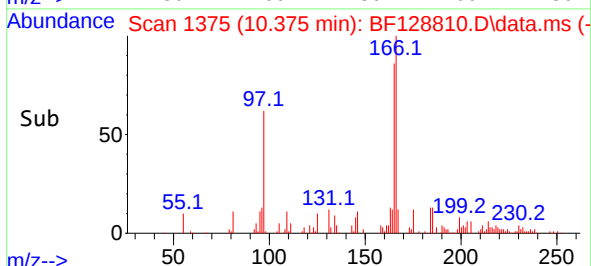
Reviewed By :Christian Giraldo 06/15/2022
Supervised By :Jagrut Upadhyay 06/15/2022

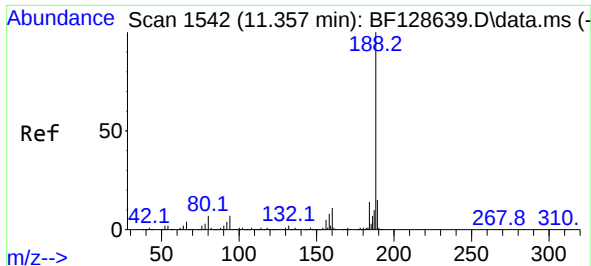


#58
Fluorene
Concen: 6.873 ng
RT: 10.375 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF128810.D
Acq: 14 Jun 2022 20:14



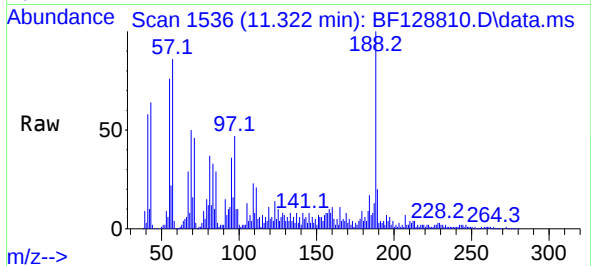
Tgt Ion:166 Resp: 45193
Ion Ratio Lower Upper
166 100
165 107.7 78.1 117.1
167 28.4 10.5 15.7#





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128810.D
Acq: 14 Jun 2022 20:14

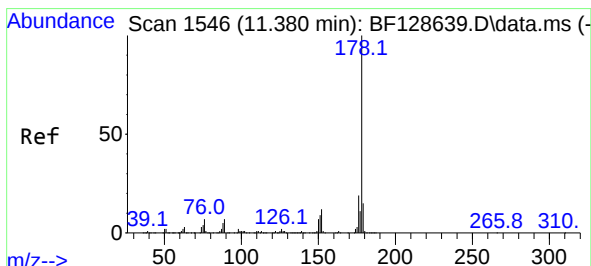
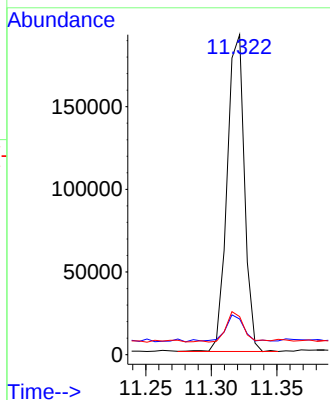
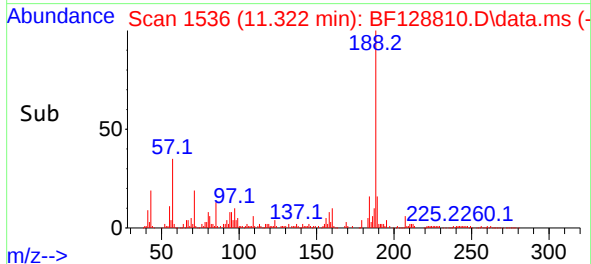
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-7



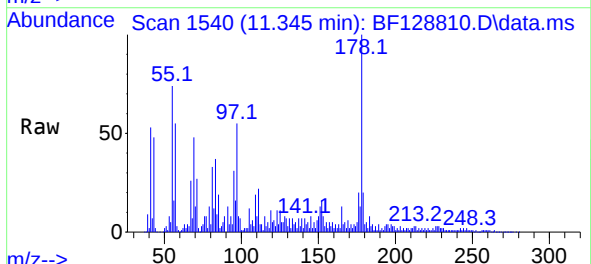
Tgt Ion:188 Resp: 17566
Ion Ratio Lower Upper
188 100
94 11.1 7.0 10.6
80 11.9 7.6 11.4

Manual Integrations
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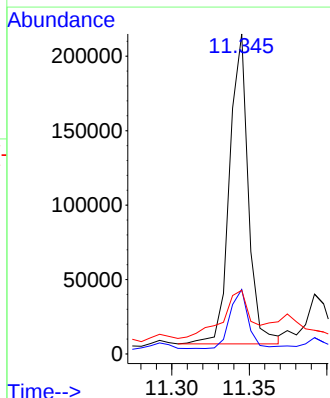
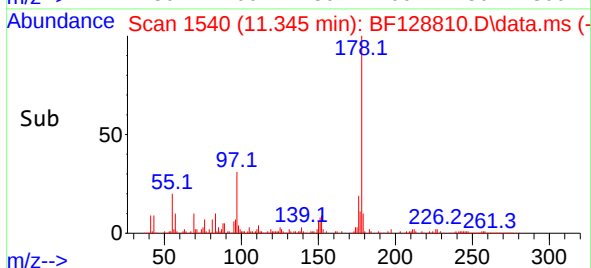
Reviewed By :Christian Giraldo 06/15/2022
Supervised By :Jagrut Upadhyay 06/15/2022

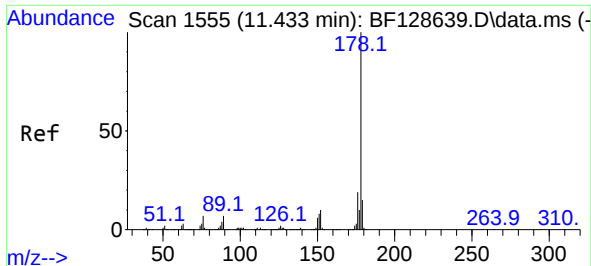


#71
Phenanthrene
Concen: 19.852 ng
RT: 11.345 min Scan# 1540
Delta R.T. 0.006 min
Lab File: BF128810.D
Acq: 14 Jun 2022 20:14



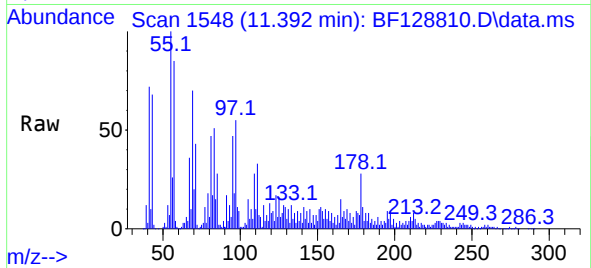
Tgt Ion:178 Resp: 174916
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 19.9 12.6 19.0





#72
 Anthracene
 Concen: 3.217 ng
 RT: 11.392 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128810.D
 Acq: 14 Jun 2022 20:14

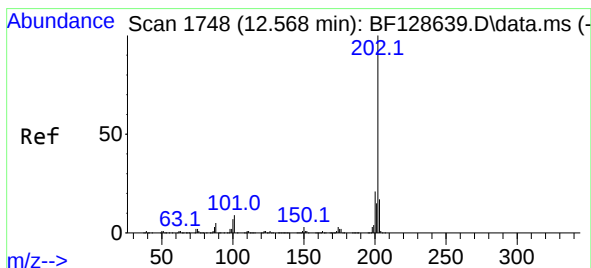
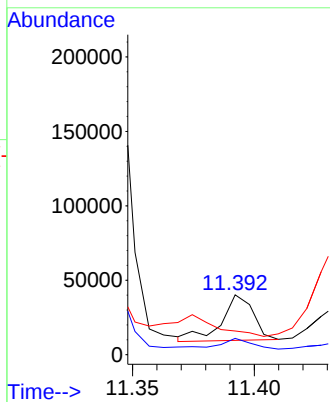
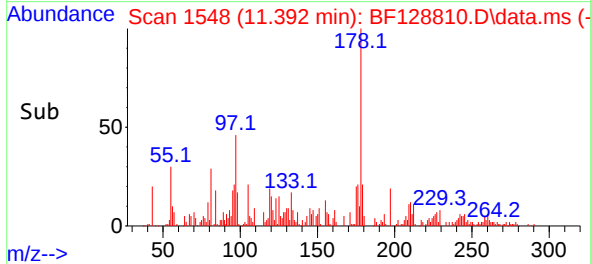
Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-7



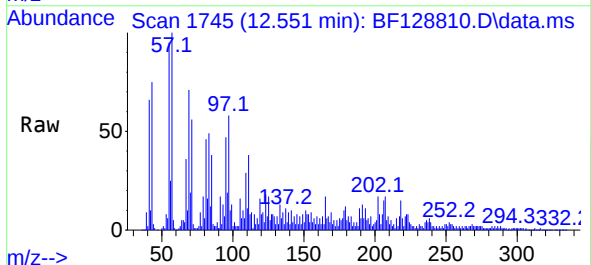
Tgt Ion:178 Resp: 2805
 Ion Ratio Lower Upper
 178 100
 176 27.3 15.4 23.2
 179 39.6 12.6 19.0

Manual Integrations
 APPROVED

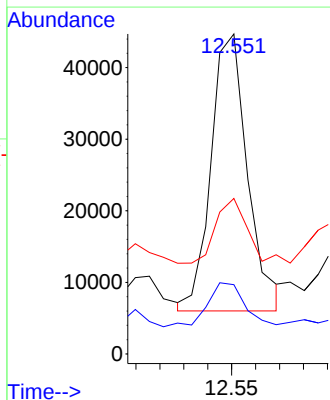
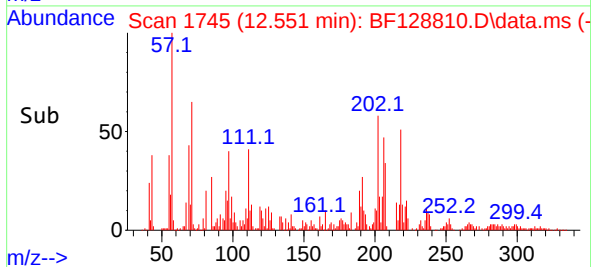
Reviewed By :Christian Giraldo 06/15/2022
 Supervised By :Jagrut Upadhyay 06/15/2022

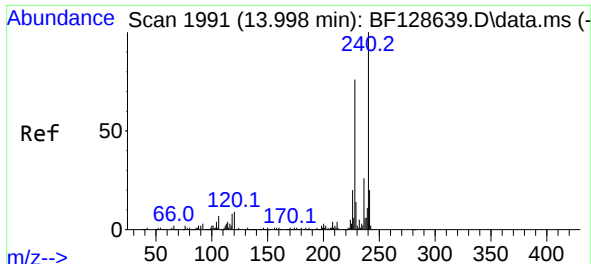


#75
 Fluoranthene
 Concen: 4.452 ng m
 RT: 12.551 min Scan# 1745
 Delta R.T. 0.023 min
 Lab File: BF128810.D
 Acq: 14 Jun 2022 20:14



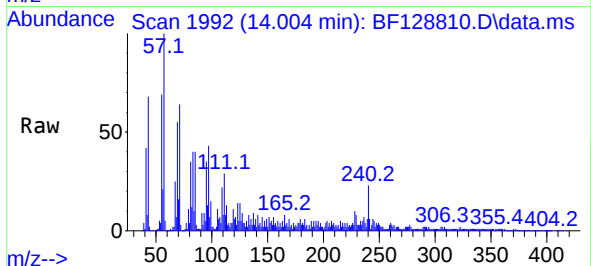
Tgt Ion:202 Resp: 41007
 Ion Ratio Lower Upper
 202 100
 101 21.7 0.0 31.4
 203 48.6 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1991
Delta R.T. 0.041 min
Lab File: BF128810.D
Acq: 14 Jun 2022 20:14

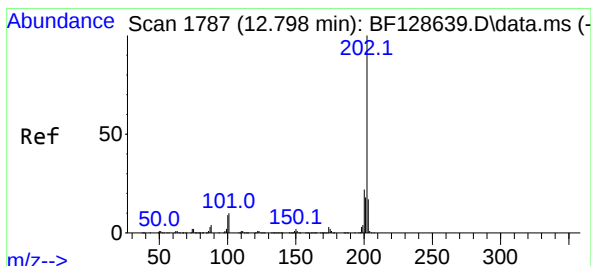
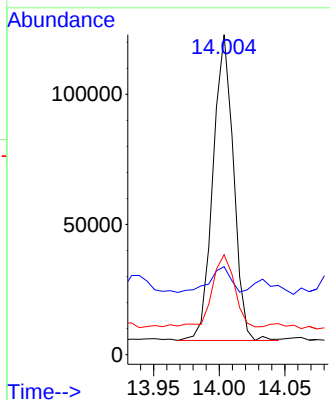
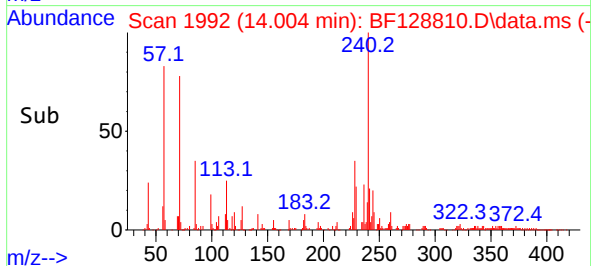
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-7



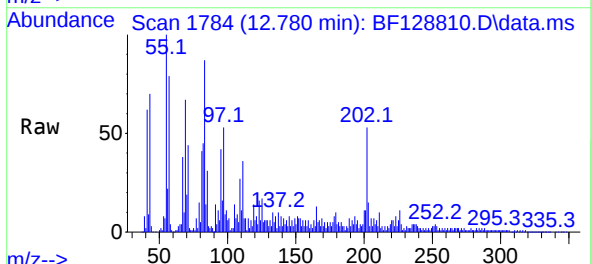
Tgt Ion:240 Resp: 127659
Ion Ratio Lower Upper
240 100
120 27.5 8.9 13.3
236 31.3 20.8 31.2

Manual Integrations
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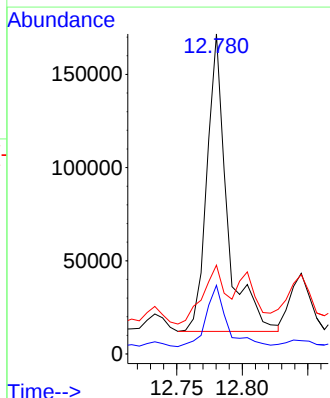
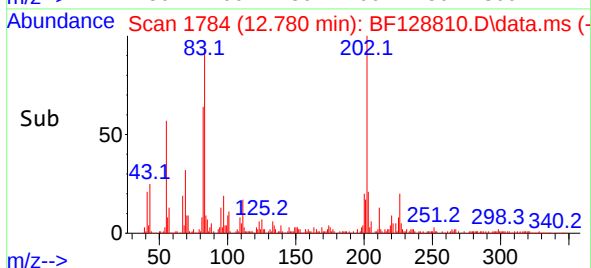
Reviewed By :Christian Giraldo 06/15/2022
Supervised By :Jagrut Upadhyay 06/15/2022

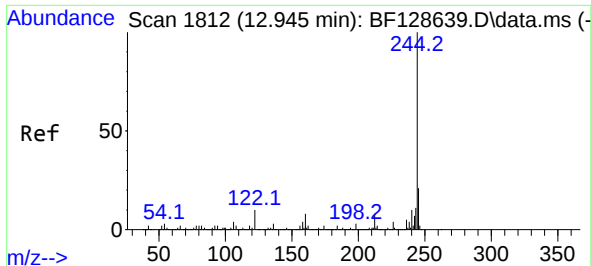


#78
Pyrene
Concen: 18.004 ng
RT: 12.780 min Scan# 1784
Delta R.T. 0.023 min
Lab File: BF128810.D
Acq: 14 Jun 2022 20:14



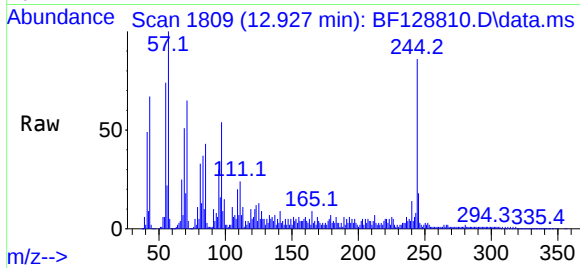
Tgt Ion:202 Resp: 171000
Ion Ratio Lower Upper
202 100
200 21.4 17.7 26.5
203 27.8 14.6 21.8





#79
Terphenyl-d14
Concen: 52.918 ng
RT: 12.927 min Scan# 1812
Delta R.T. 0.023 min
Lab File: BF128810.D
Acq: 14 Jun 2022 20:14

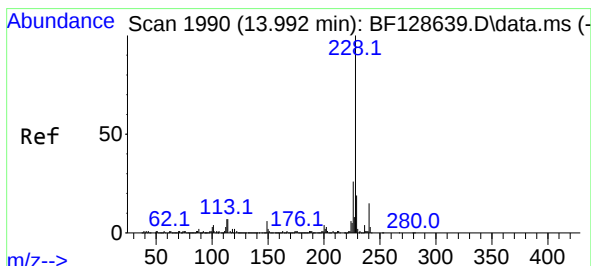
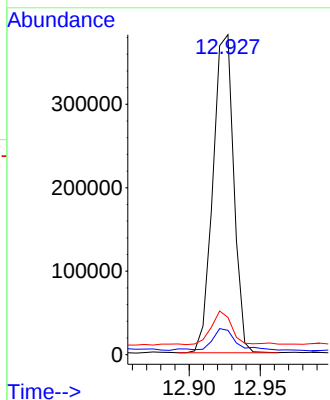
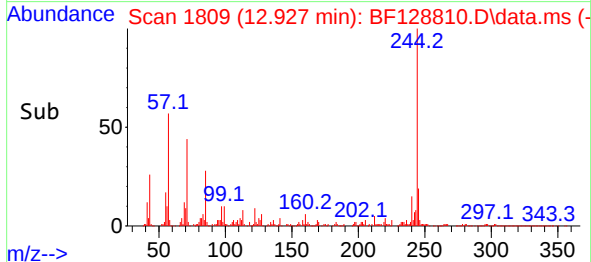
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-7



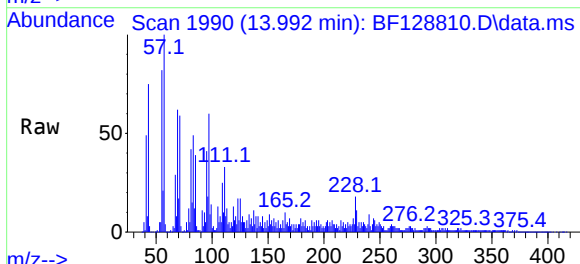
Tgt Ion:244 Resp: 38877
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 11.6 8.8 13.2

Manual Integrations
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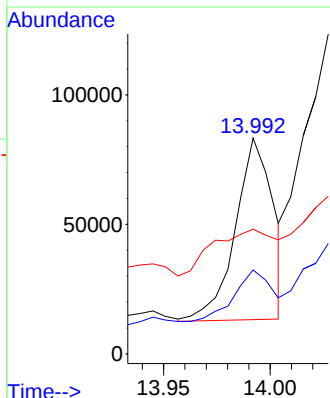
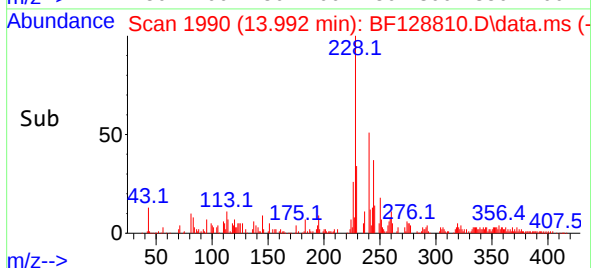
Reviewed By :Christian Giraldo 06/15/2022
Supervised By :Jagrut Upadhyay 06/15/2022

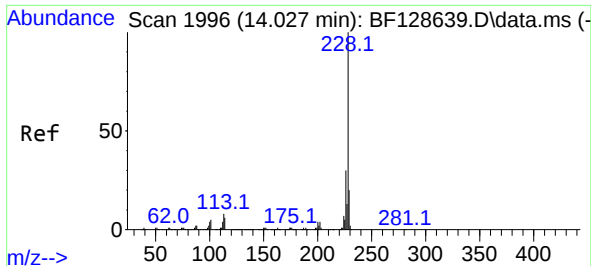


#81
Benzo(a)anthracene
Concen: 10.928 ng
RT: 13.992 min Scan# 1990
Delta R.T. 0.041 min
Lab File: BF128810.D
Acq: 14 Jun 2022 20:14



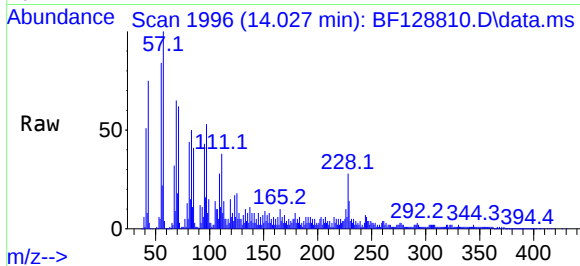
Tgt Ion:228 Resp: 86957
Ion Ratio Lower Upper
228 100
226 38.9 22.1 33.1#
229 57.8 15.8 23.8#





#83
Chrysene
Concen: 20.205 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.035 min
Lab File: BF128810.D
Acq: 14 Jun 2022 20:14

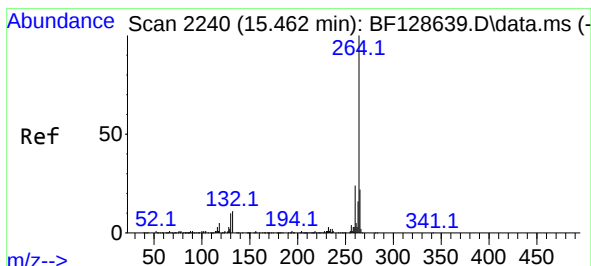
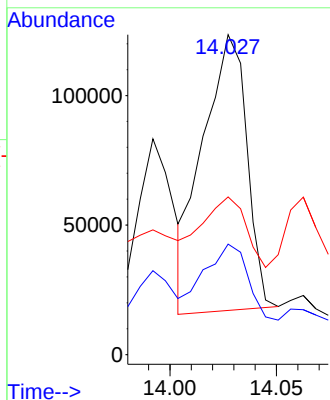
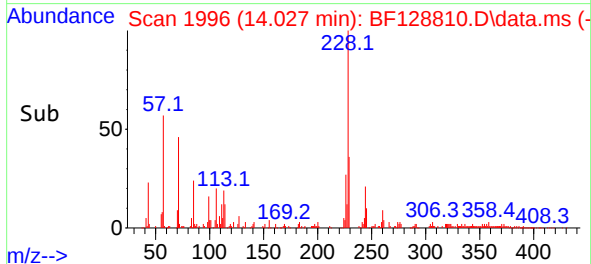
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-7



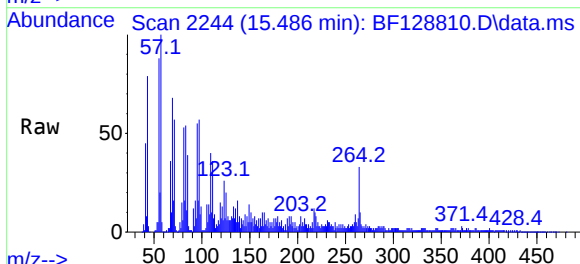
Tgt Ion:228 Resp: 15328
Ion Ratio Lower Upper
228 100
226 34.6 24.3 36.5
229 49.3 15.9 23.9

Manual Integrations
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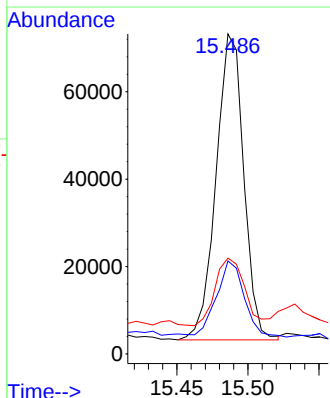
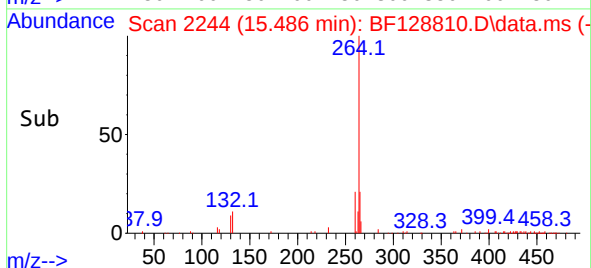
Reviewed By :Christian Giraldo 06/15/2022
Supervised By :Jagrut Upadhyay 06/15/2022

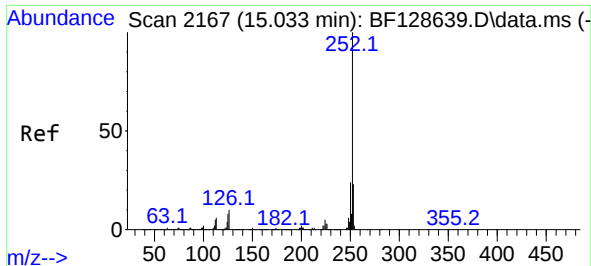


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2244
Delta R.T. 0.071 min
Lab File: BF128810.D
Acq: 14 Jun 2022 20:14



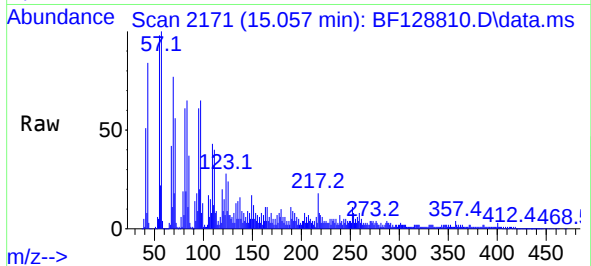
Tgt Ion:264 Resp: 94838
Ion Ratio Lower Upper
264 100
260 29.1 18.4 27.6#
265 30.0 17.2 25.8#





#88
Benzo(b)fluoranthene
Concen: 5.651 ng m
RT: 15.057 min Scan# 2167
Delta R.T. 0.065 min
Lab File: BF128810.D
Acq: 14 Jun 2022 20:14

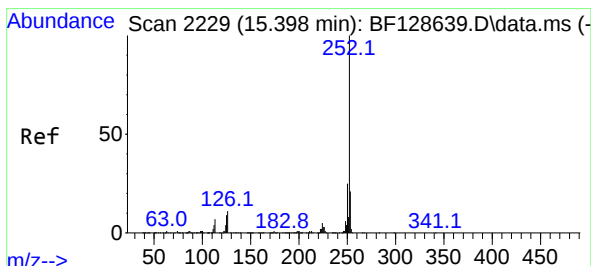
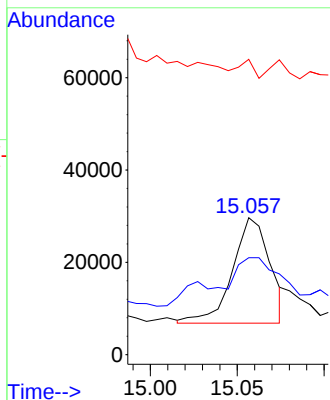
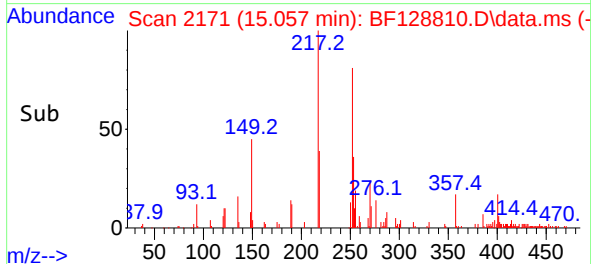
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-7



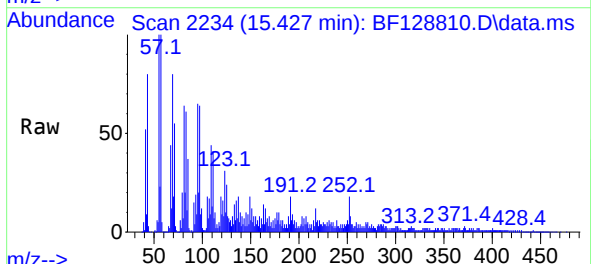
Tgt Ion:252 Resp: 3424
Ion Ratio Lower Upper
252 100
253 70.9 17.7 26.5
125 215.8 8.0 12.0

Manual Integrations
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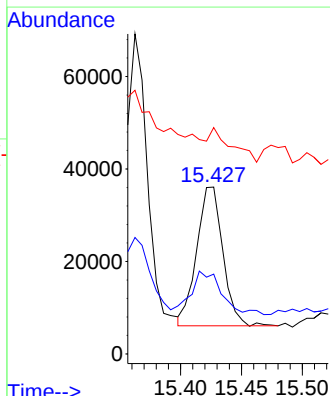
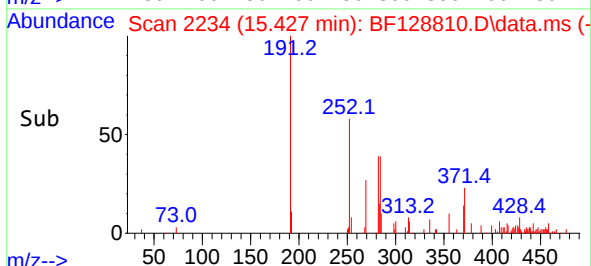
Reviewed By :Christian Giraldo 06/15/2022
Supervised By :Jagrut Upadhyay 06/15/2022

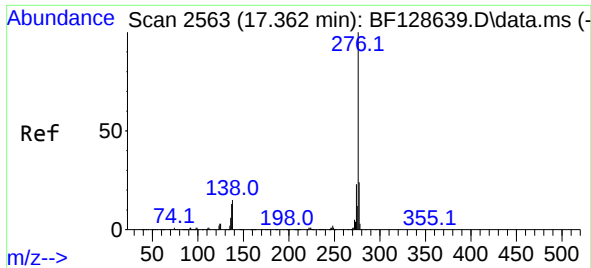


#90
Benzo(a)pyrene
Concen: 9.431 ng
RT: 15.427 min Scan# 2234
Delta R.T. 0.071 min
Lab File: BF128810.D
Acq: 14 Jun 2022 20:14



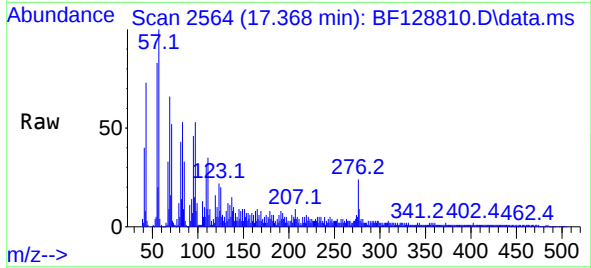
Tgt Ion:252 Resp: 44918
Ion Ratio Lower Upper
252 100
253 47.9 17.0 25.6#
125 135.7 8.8 13.2#





#92
 Benzo(g,h,i)perylene
 Concen: 6.927 ng
 RT: 17.368 min Scan# 21
 Delta R.T. 0.071 min
 Lab File: BF128810.D
 Acq: 14 Jun 2022 20:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-7



Tgt Ion: 276 Resp: 3255
 Ion Ratio Lower Upper
 276 100
 277 37.3 19.1 28.7
 138 34.2 18.0 27.0

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/15/2022
 Supervised By : Jagrut Upadhyay 06/15/2022

