

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
 Data File : BF128249.D
 Acq On : 13 May 2022 20:08
 Operator : CG\JU
 Sample : N2809-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-TP-5R

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/16/2022
 Supervised By : Jagrut Upadhyay 05/16/2022

Quant Time: May 14 00:57:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	45445	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	169008	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	83036	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	123730	20.000	ng	0.01
76) Chrysene-d12	14.104	240	85876	20.000	ng	# 0.04
86) Perylene-d12	15.621	264	60226	20.000	ng	# 0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	239818	84.124	ng	0.00
7) Phenol-d6	6.522	99	305330	80.977	ng	0.00
23) Nitrobenzene-d5	7.451	82	226204	60.224	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	64777	68.020	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	290270	54.697	ng	0.00
79) Terphenyl-d14	13.027	244	257893	56.350	ng	0.02
Target Compounds						Qvalue
31) Naphthalene	8.198	128	177313	21.243	ng	# 96
37) 2-Methylnaphthalene	8.892	142	401676	71.378	ng	99
38) 1-Methylnaphthalene	8.992	142	325370	60.200	ng	100
46) 1,1'-Biphenyl	9.351	154	36037m	5.961	ng	
52) Acenaphthene	9.969	154	15596	3.319	ng	# 55
58) Fluorene	10.486	166	43989	8.465	ng	# 84
71) Phenanthrene	11.457	178	140015m	22.726	ng	
72) Anthracene	11.504	178	16313	2.652	ng	# 56
75) Fluoranthene	12.657	202	28625m	4.286	ng	
78) Pyrene	12.892	202	91631	14.716	ng	# 85
81) Benzo(a)anthracene	14.092	228	47476	8.655	ng	# 39
83) Chrysene	14.127	228	96673	18.471	ng	# 62
90) Benzo(a)pyrene	15.551	252	13334	4.424	ng	# 1
92) Benzo(g,h,i)perylene	17.598	276	8979	3.007	ng	# 49

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

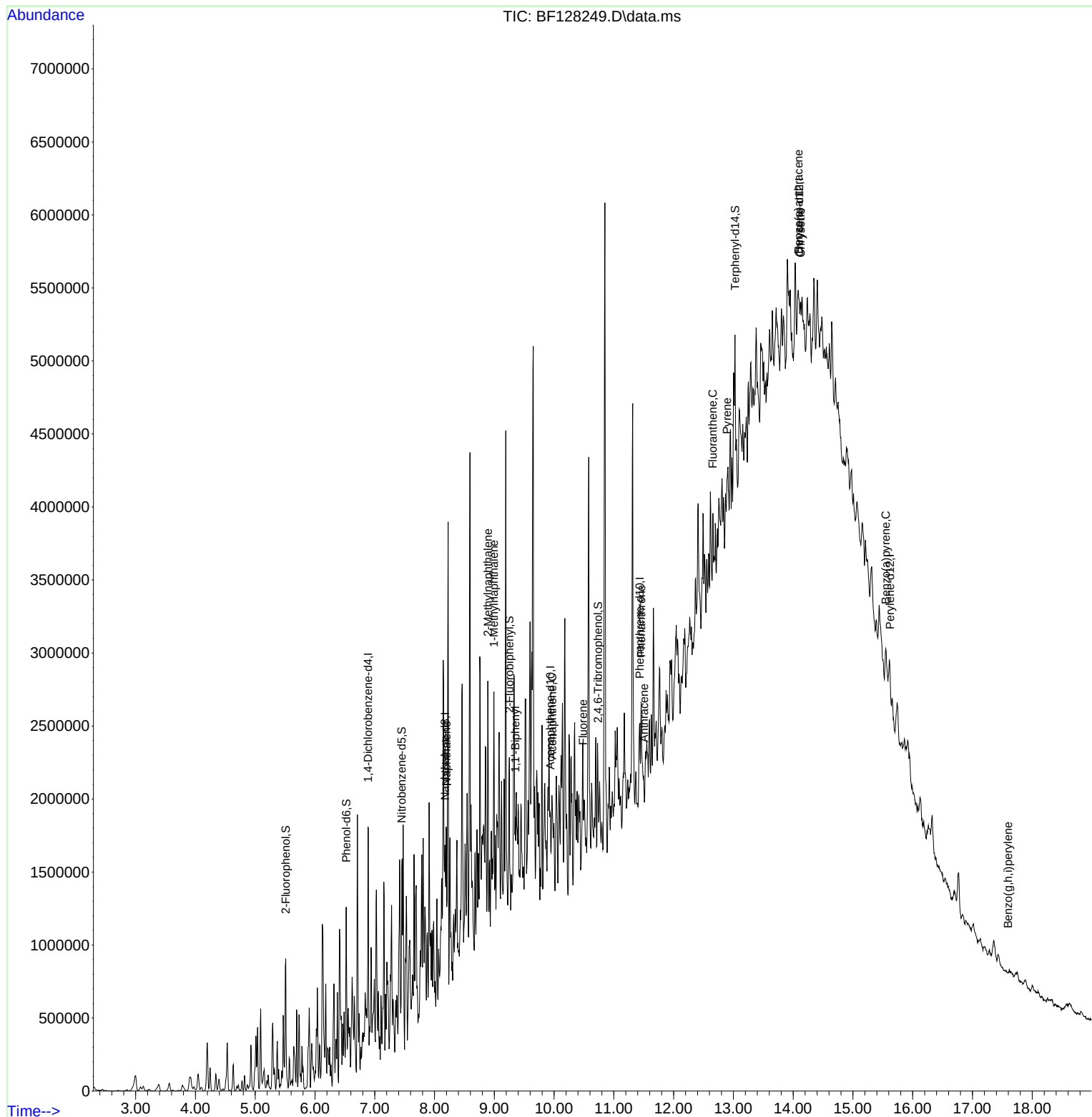
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128249.D
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ALS Vial : 15 Sample Multiplier: 1

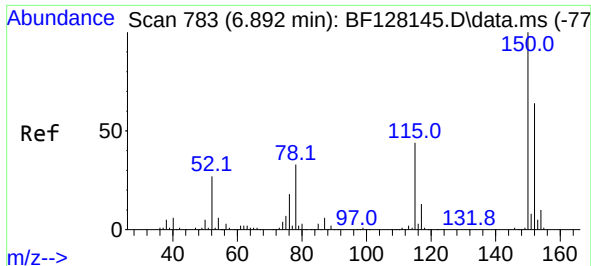
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Quant Time: May 14 00:57:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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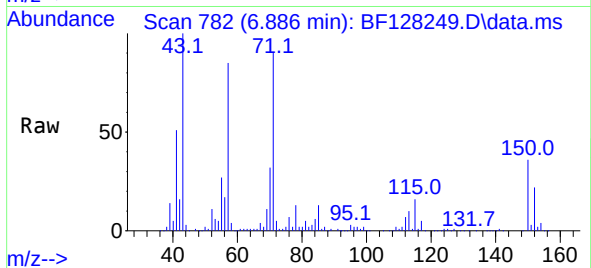
Reviewed By : Christian Giraldo 05/16/2022
Supervised By : Jagrut Upadhyay 05/16/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128249.D
Acq: 13 May 2022 20:08

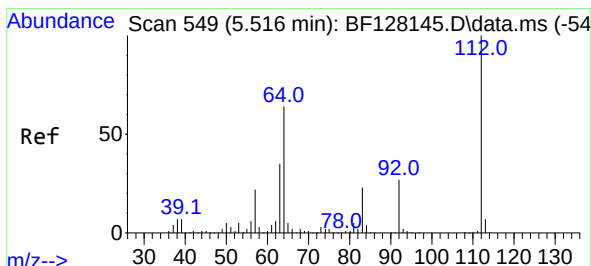
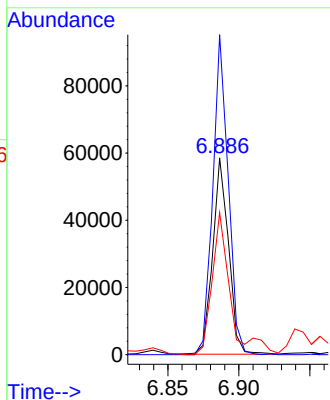
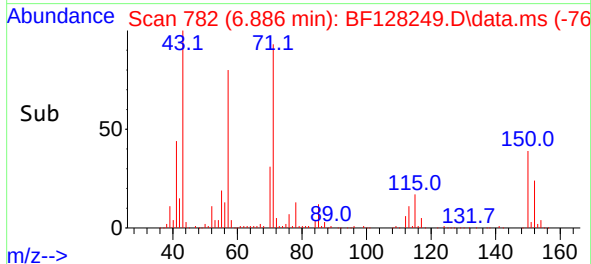
Instrument :
BNA_F
ClientSampleId :
WC-14A-TP-5R



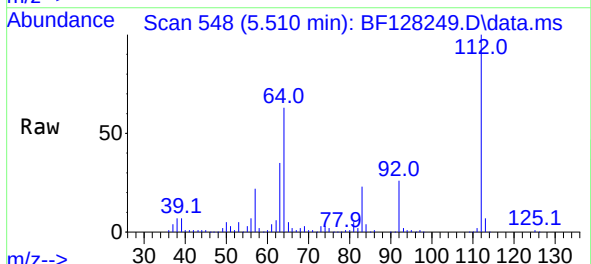
Tgt Ion:152 Resp: 45449
Ion Ratio Lower Upper
152 100
150 162.5 125.3 187.9
115 72.2 48.8 73.2

Manual Integrations
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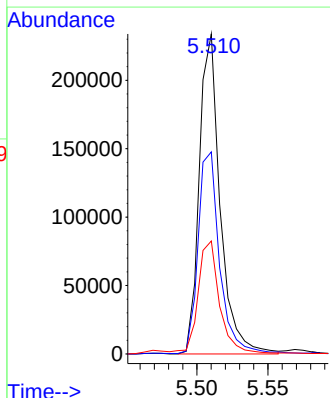
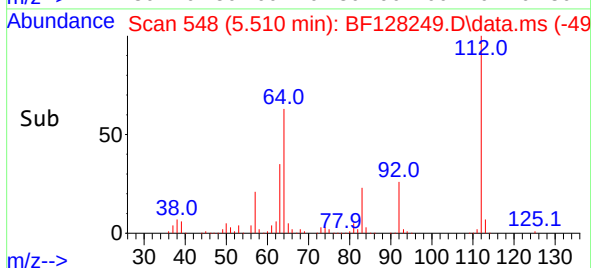
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Supervised By :Jagrut Upadhyay 05/16/2022

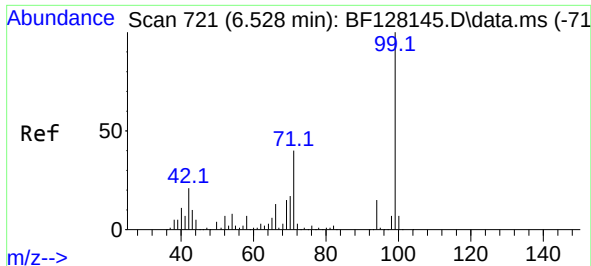


#5
2-Fluorophenol
Concen: 84.124 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.000 min
Lab File: BF128249.D
Acq: 13 May 2022 20:08



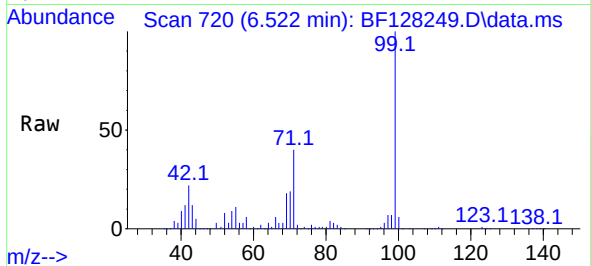
Tgt Ion:112 Resp: 239818
Ion Ratio Lower Upper
112 100
64 63.1 49.5 74.3
63 35.3 26.3 39.5





#7
Phenol-d6
Concen: 80.977 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128249.D
Acq: 13 May 2022 20:08

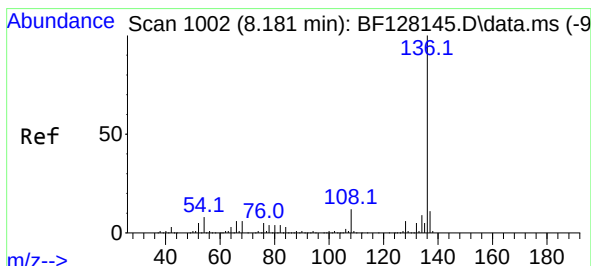
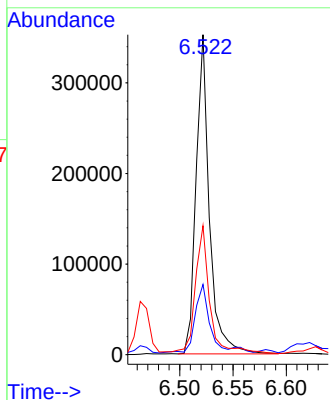
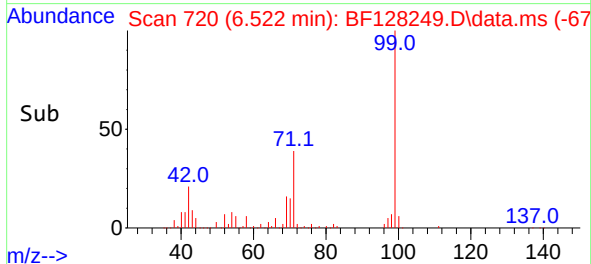
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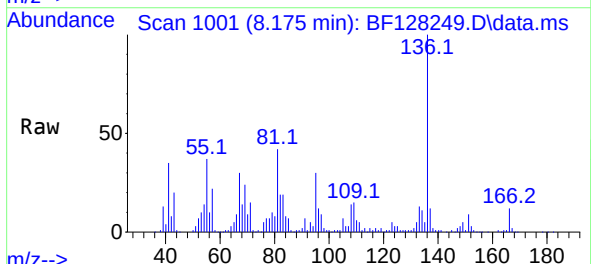
Tgt Ion: 99 Resp: 305330
Ion Ratio Lower Upper
99 100
42 22.0 16.6 24.8
71 40.3 30.0 45.0

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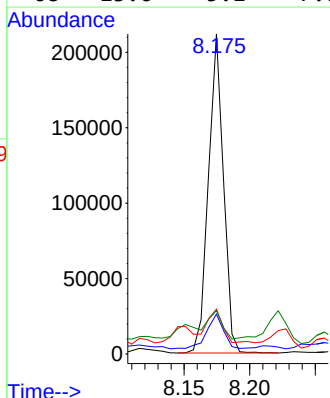
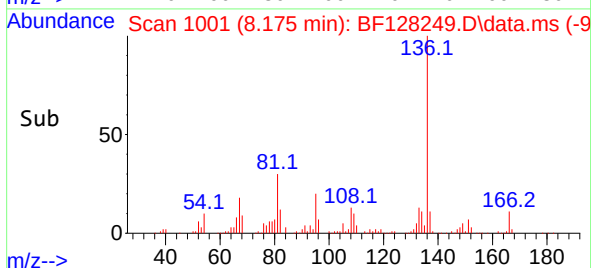
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

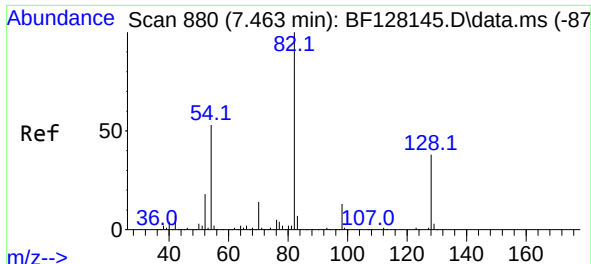


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF128249.D
Acq: 13 May 2022 20:08



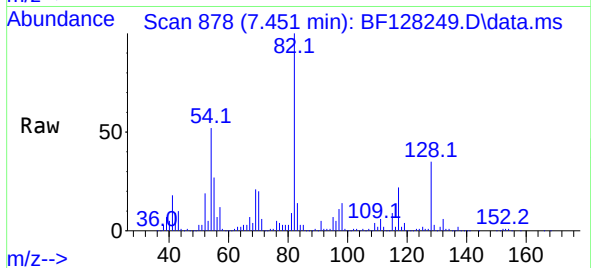
Tgt Ion:136 Resp: 169008
Ion Ratio Lower Upper
136 100
137 12.5 8.6 13.0
54 14.0 6.8 10.2#
68 13.6 5.1 7.7#





#23
Nitrobenzene-d5
Concen: 60.224 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128249.D
Acq: 13 May 2022 20:08

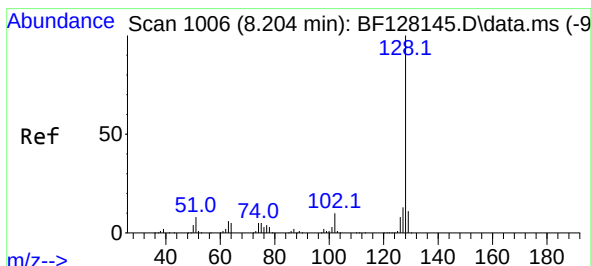
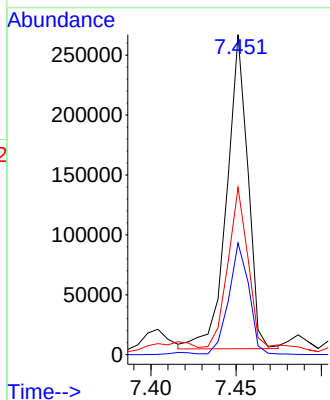
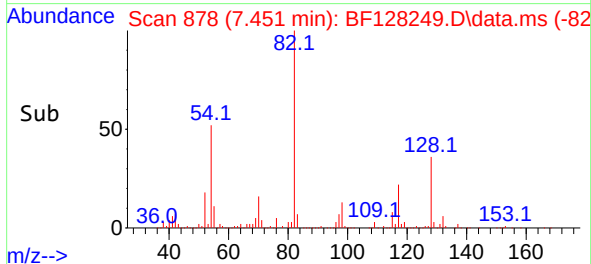
Instrument :
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ClientSampleId :
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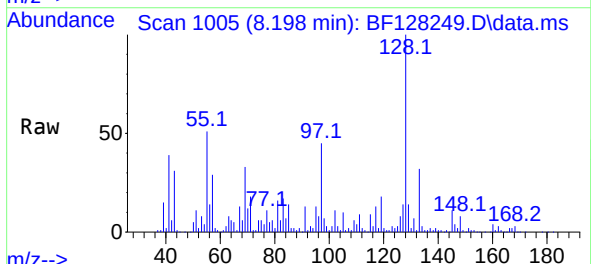
Tgt Ion: 82 Resp: 226204
Ion Ratio Lower Upper
82 100
128 34.9 30.0 45.0
54 52.2 41.3 61.9

Manual Integrations
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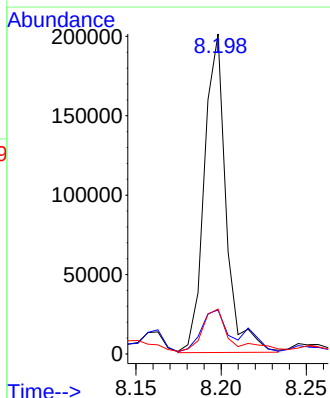
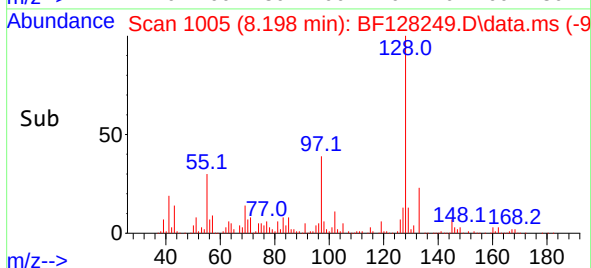
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

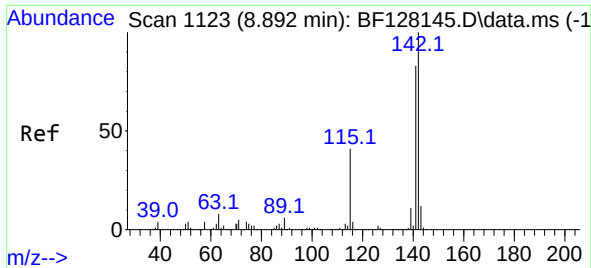


#31
Naphthalene
Concen: 21.243 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF128249.D
Acq: 13 May 2022 20:08



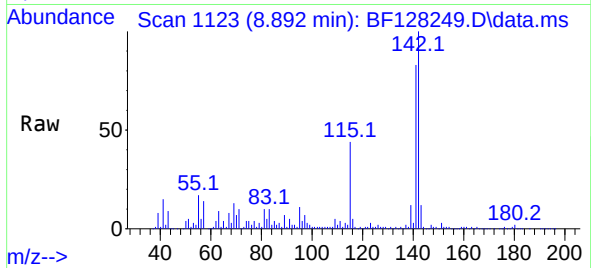
Tgt Ion:128 Resp: 177313
Ion Ratio Lower Upper
128 100
129 13.8 9.0 13.4#
127 14.1 10.6 16.0





#37
2-Methylnaphthalene
Concen: 71.378 ng
RT: 8.892 min Scan# 1123
Delta R.T. 0.006 min
Lab File: BF128249.D
Acq: 13 May 2022 20:08

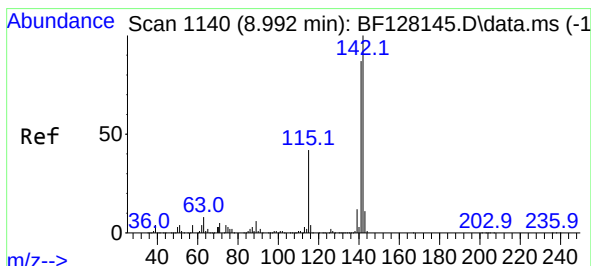
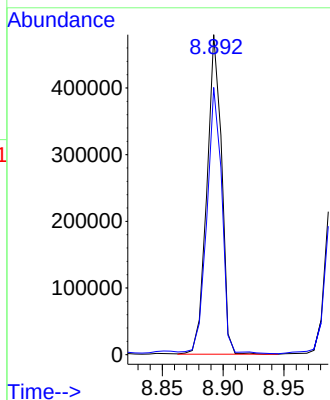
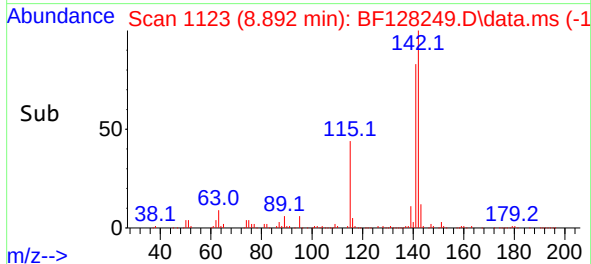
Instrument :
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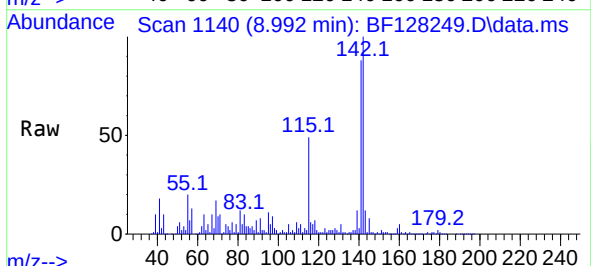
Tgt Ion:142 Resp: 401670
Ion Ratio Lower Upper
142 100
141 83.5 67.4 101.2

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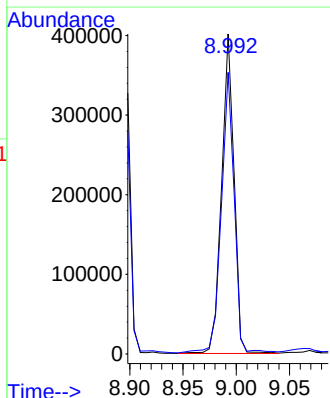
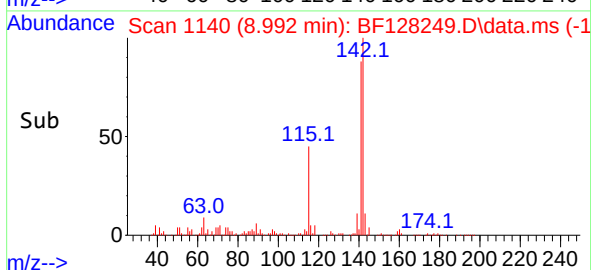
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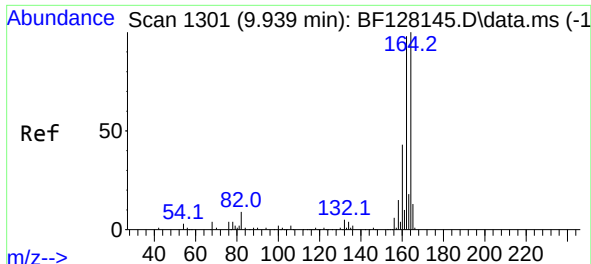


#38
1-Methylnaphthalene
Concen: 60.200 ng
RT: 8.992 min Scan# 1140
Delta R.T. 0.006 min
Lab File: BF128249.D
Acq: 13 May 2022 20:08



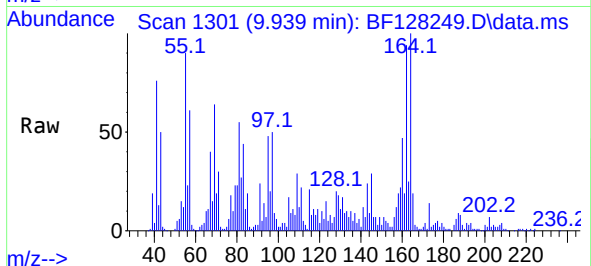
Tgt Ion:142 Resp: 325370
Ion Ratio Lower Upper
142 100
141 88.0 70.1 105.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. 0.006 min
Lab File: BF128249.D
Acq: 13 May 2022 20:08

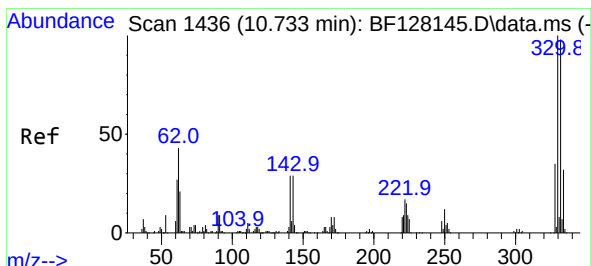
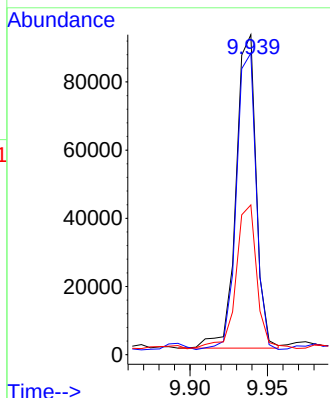
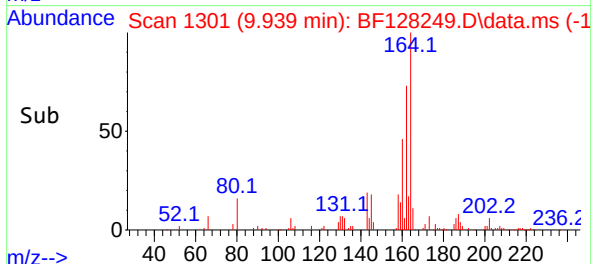
Instrument :
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ClientSampleId :
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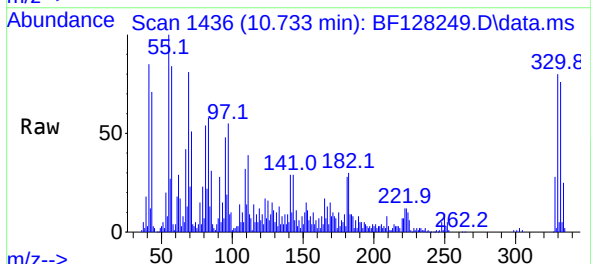
Tgt Ion:164 Resp: 83030
Ion Ratio Lower Upper
164 100
162 94.2 76.0 114.0
160 46.8 34.8 52.2

Manual Integrations
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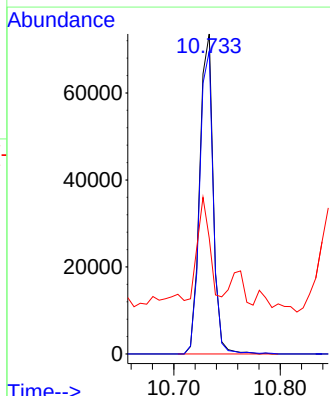
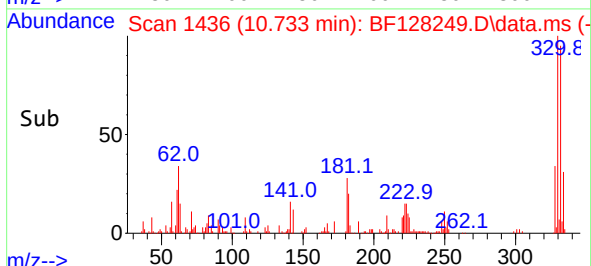
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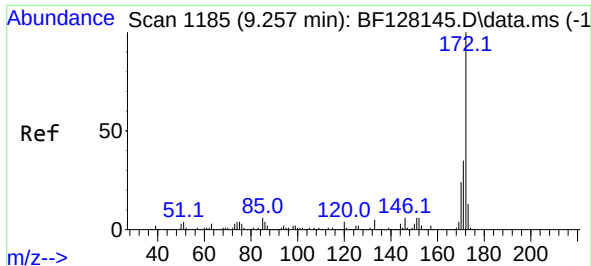


#42
2,4,6-Tribromophenol
Concen: 68.020 ng
RT: 10.733 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF128249.D
Acq: 13 May 2022 20:08



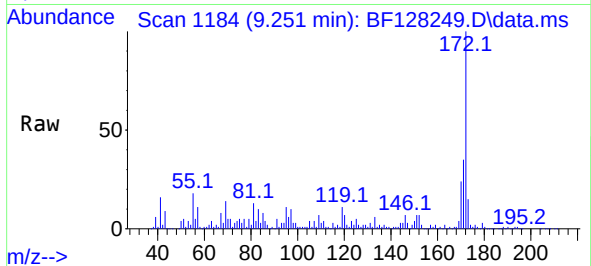
Tgt Ion:330 Resp: 64777
Ion Ratio Lower Upper
330 100
332 96.1 79.0 118.4
141 28.7 28.9 43.3#





#45
2-Fluorobiphenyl
Concen: 54.697 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF128249.D
Acq: 13 May 2022 20:08

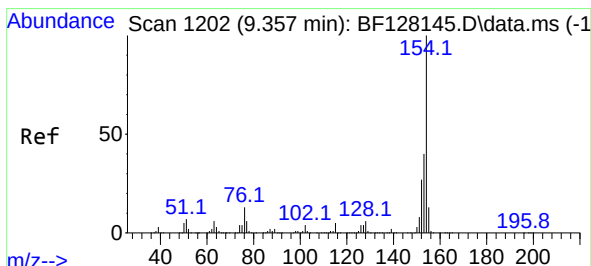
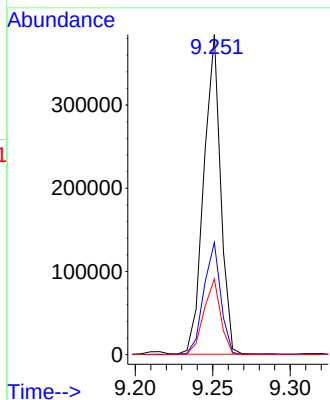
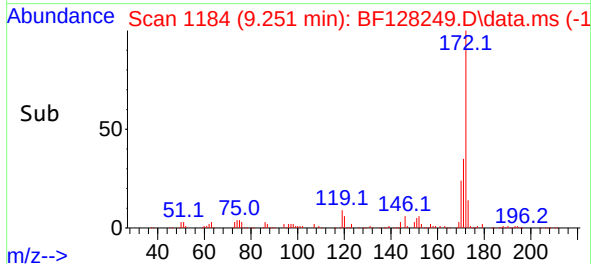
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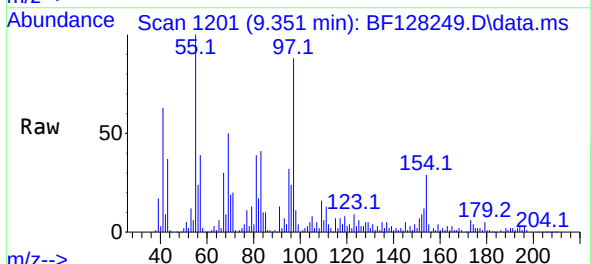
Tgt Ion:172 Resp: 290270
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.7 19.1 28.7

Manual Integrations
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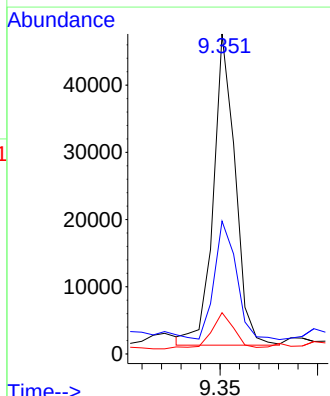
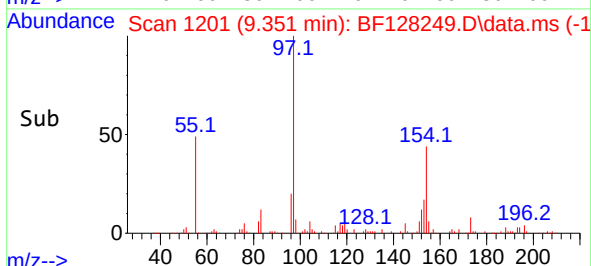
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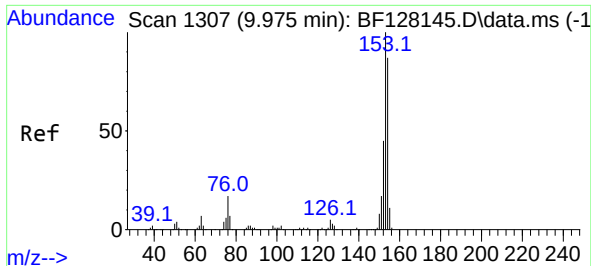


#46
1,1'-Biphenyl
Concen: 5.961 ng m
RT: 9.351 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BF128249.D
Acq: 13 May 2022 20:08



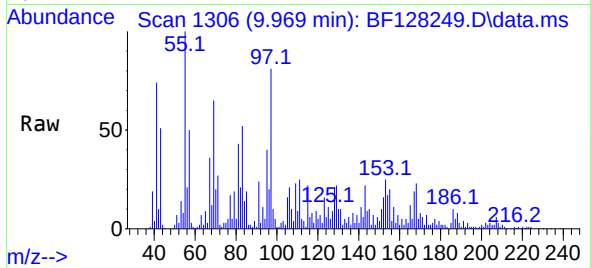
Tgt Ion:154 Resp: 36037
Ion Ratio Lower Upper
154 100
153 41.5 20.4 60.4
76 12.9 0.0 33.2





#52
Acenaphthene
Concen: 3.319 ng
RT: 9.969 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF128249.D
Acq: 13 May 2022 20:08

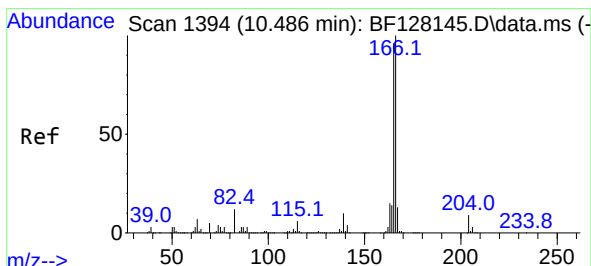
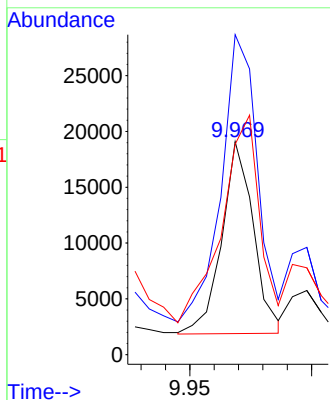
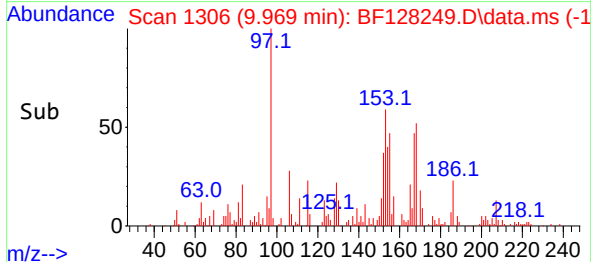
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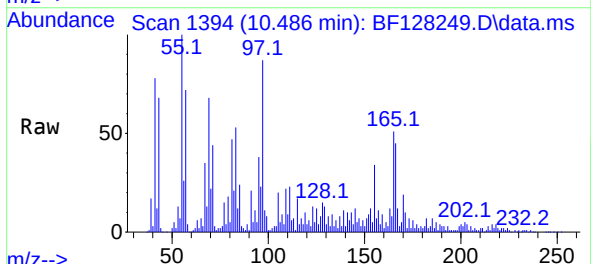
Tgt Ion:154 Resp: 15590
Ion Ratio Lower Upper
154 100
153 150.2 90.5 135.7
152 98.7 41.0 61.6

Manual Integrations
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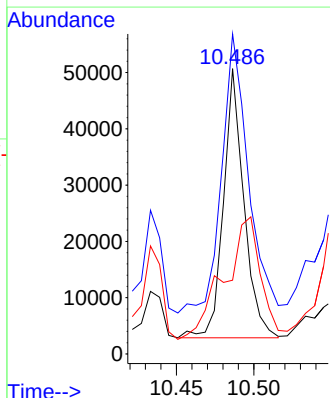
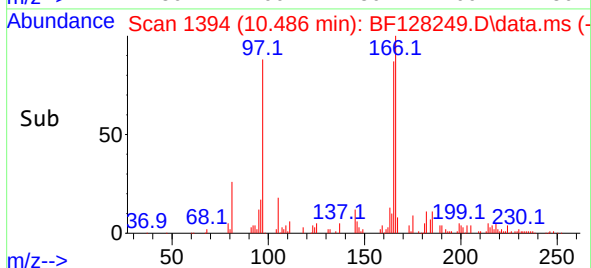
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

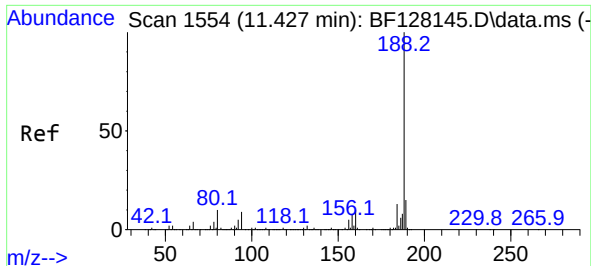


#58
Fluorene
Concen: 8.465 ng
RT: 10.486 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF128249.D
Acq: 13 May 2022 20:08



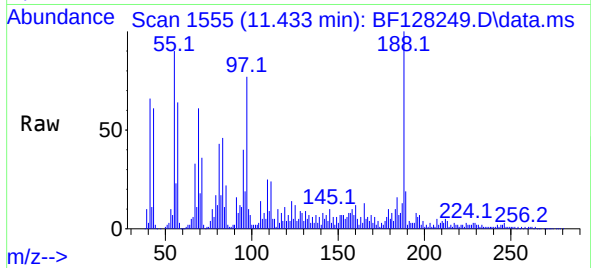
Tgt Ion:166 Resp: 43989
Ion Ratio Lower Upper
166 100
165 112.1 78.6 117.8
167 25.9 10.5 15.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF128249.D
Acq: 13 May 2022 20:08

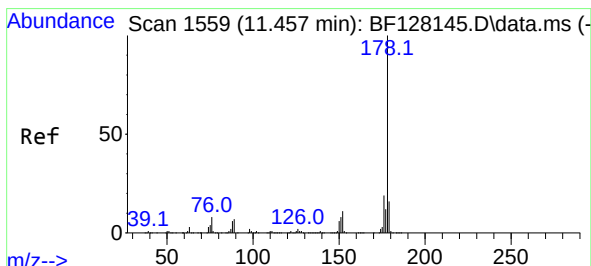
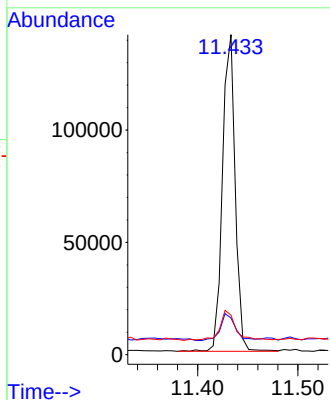
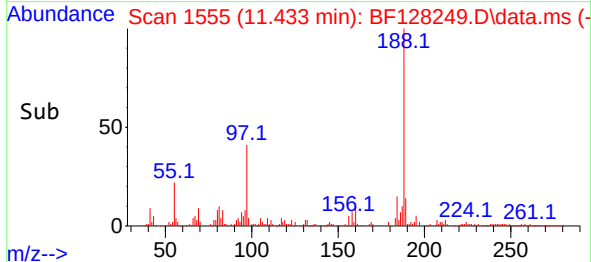
Instrument :
BNA_F
ClientSampleId :
WC-14A-TP-5R



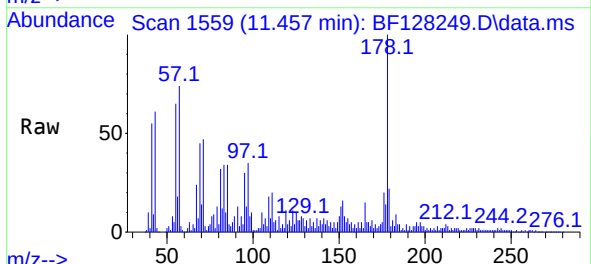
Tgt Ion:188 Resp: 123730
Ion Ratio Lower Upper
188 100
94 11.5 8.0 12.0
80 12.3 8.9 13.3

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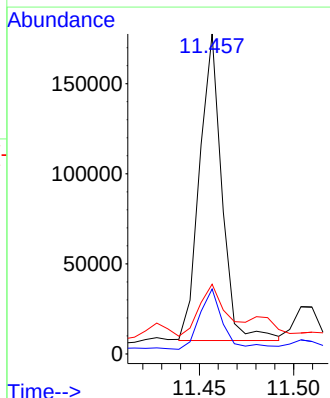
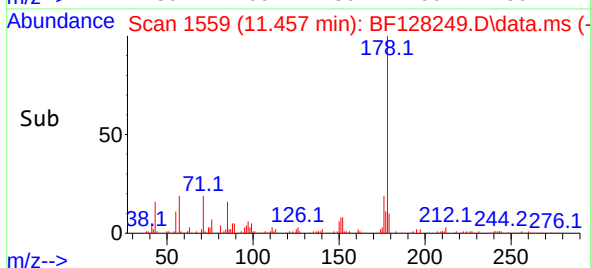
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

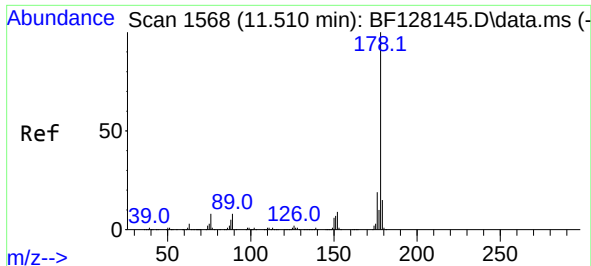


#71
Phenanthrene
Concen: 22.726 ng m
RT: 11.457 min Scan# 1559
Delta R.T. 0.006 min
Lab File: BF128249.D
Acq: 13 May 2022 20:08



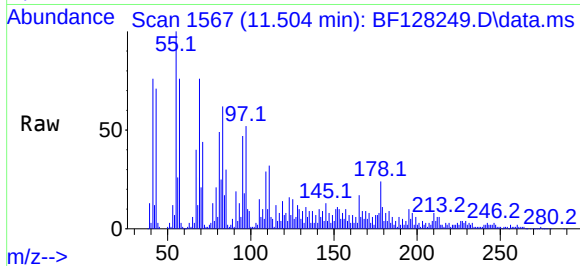
Tgt Ion:178 Resp: 140015
Ion Ratio Lower Upper
178 100
176 20.3 15.7 23.5
179 21.8 12.6 19.0#





#72
 Anthracene
 Concen: 2.652 ng
 RT: 11.504 min Scan# 1567
 Delta R.T. -0.000 min
 Lab File: BF128249.D
 Acq: 13 May 2022 20:08

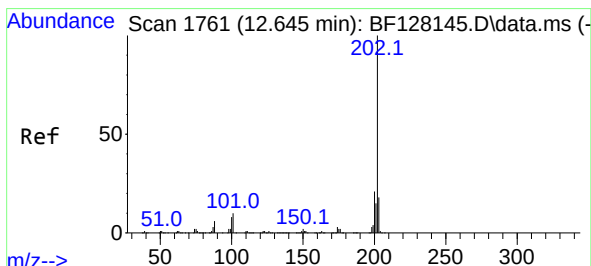
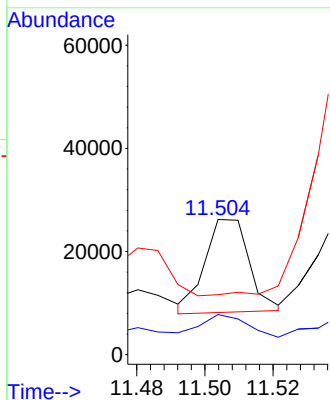
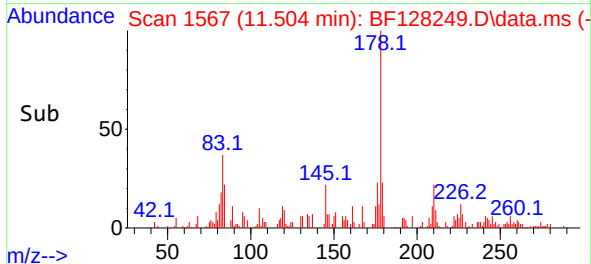
Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-TP-5R



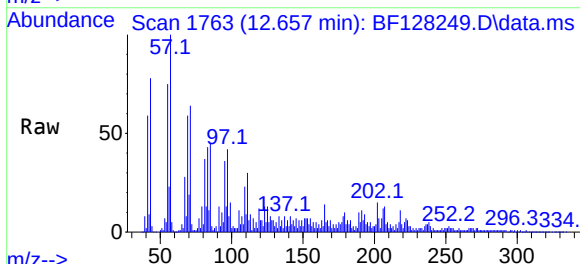
Tgt Ion:178 Resp: 1631
 Ion Ratio Lower Upper
 178 100
 176 29.7 15.0 22.6
 179 44.4 12.4 18.6

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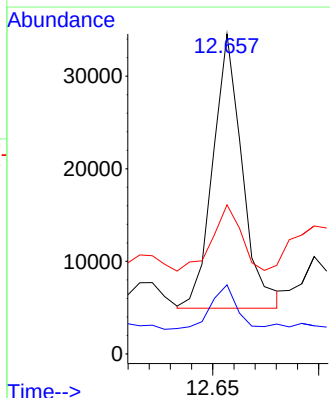
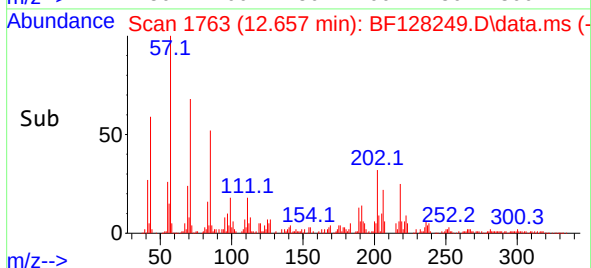
Reviewed By :Christian Giraldo 05/16/2022
 Supervised By :Jagrut Upadhyay 05/16/2022

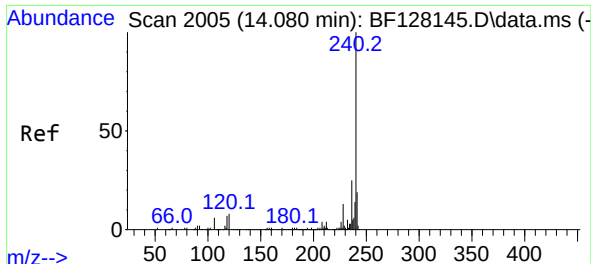


#75
 Fluoranthene
 Concen: 4.286 ng m
 RT: 12.657 min Scan# 1763
 Delta R.T. 0.018 min
 Lab File: BF128249.D
 Acq: 13 May 2022 20:08



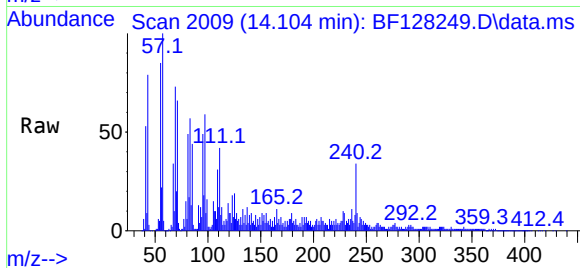
Tgt Ion:202 Resp: 28625
 Ion Ratio Lower Upper
 202 100
 101 21.6 0.0 31.6
 203 46.6 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2005
Delta R.T. 0.035 min
Lab File: BF128249.D
Acq: 13 May 2022 20:08

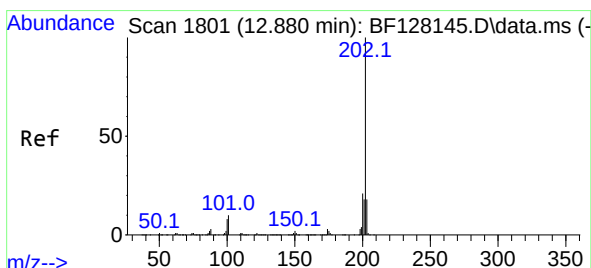
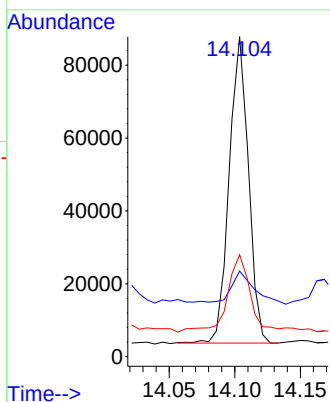
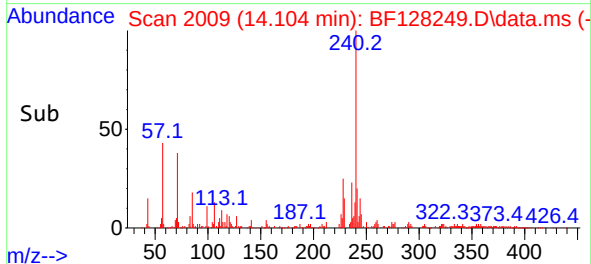
Instrument :
BNA_F
ClientSampleId :
WC-14A-TP-5R



Tgt Ion:240 Resp: 85870
Ion Ratio Lower Upper
240 100
120 26.7 7.0 10.6
236 31.8 20.3 30.5

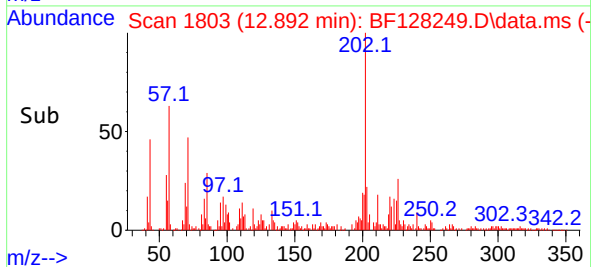
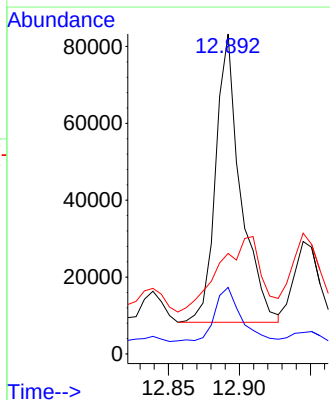
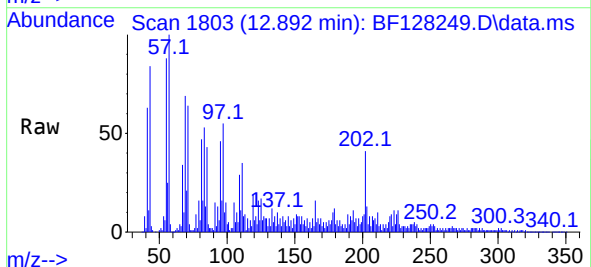
Manual Integrations
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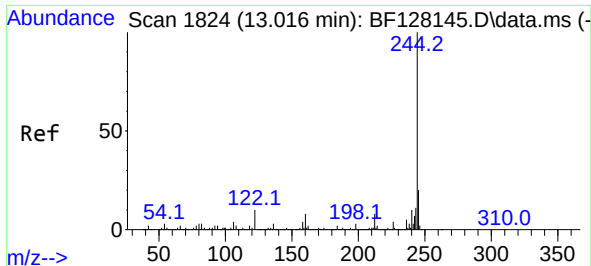
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#78
Pyrene
Concen: 14.716 ng
RT: 12.892 min Scan# 1803
Delta R.T. 0.023 min
Lab File: BF128249.D
Acq: 13 May 2022 20:08

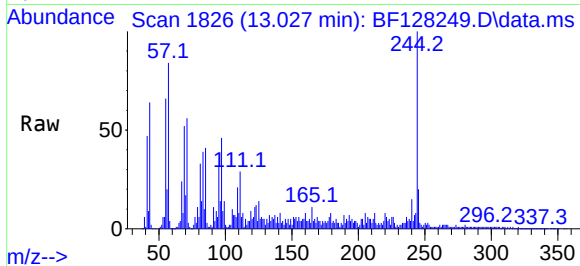
Tgt Ion:202 Resp: 91631
Ion Ratio Lower Upper
202 100
200 20.8 17.4 26.2
203 31.4 14.0 21.0





#79
 Terphenyl-d14
 Concen: 56.350 ng
 RT: 13.027 min Scan# 11
 Delta R.T. 0.018 min
 Lab File: BF128249.D
 Acq: 13 May 2022 20:08

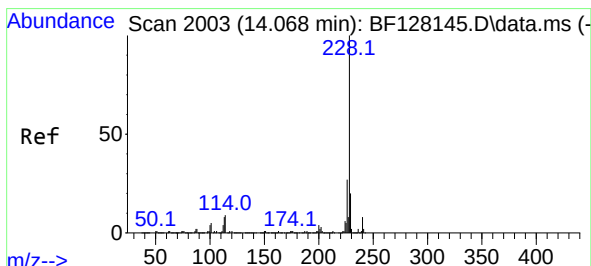
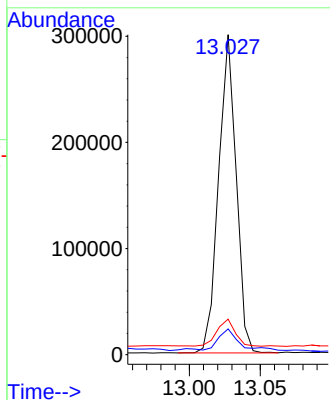
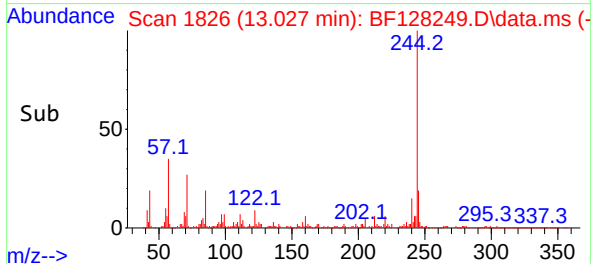
Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-TP-5R



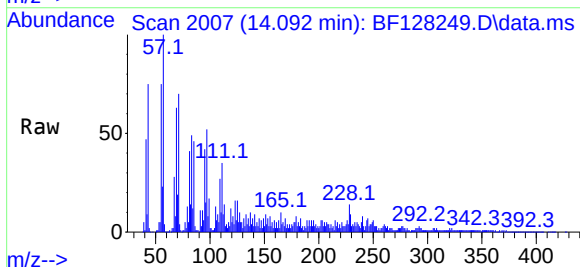
Tgt Ion:244 Resp: 25789
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.4
 122 11.1 8.6 12.8

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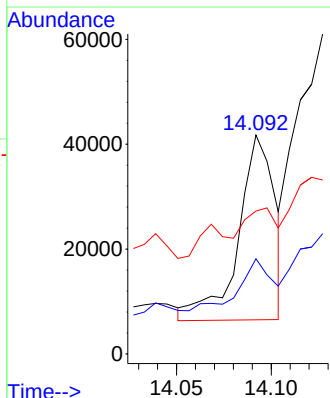
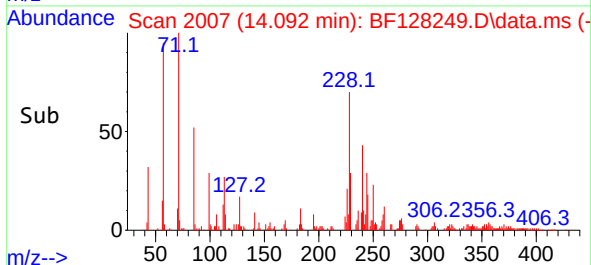
Reviewed By :Christian Giraldo 05/16/2022
 Supervised By :Jagrut Upadhyay 05/16/2022

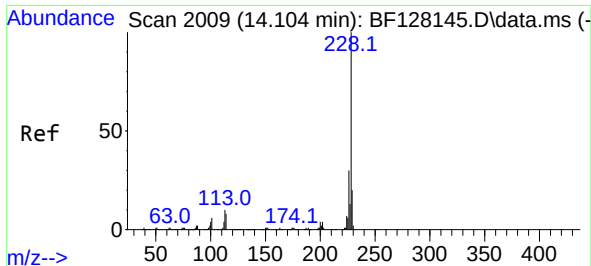


#81
 Benzo(a)anthracene
 Concen: 8.655 ng
 RT: 14.092 min Scan# 2007
 Delta R.T. 0.035 min
 Lab File: BF128249.D
 Acq: 13 May 2022 20:08



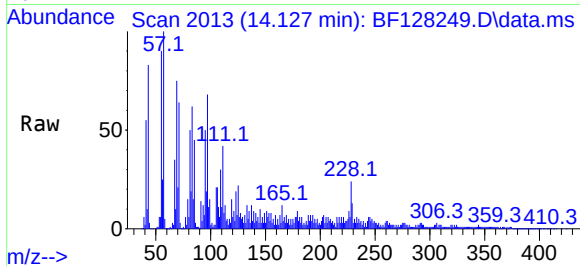
Tgt Ion:228 Resp: 47476
 Ion Ratio Lower Upper
 228 100
 226 43.5 21.7 32.5#
 229 65.3 15.4 23.2#





#83
Chrysene
Concen: 18.471 ng
RT: 14.127 min Scan# 2009
Delta R.T. 0.029 min
Lab File: BF128249.D
Acq: 13 May 2022 20:08

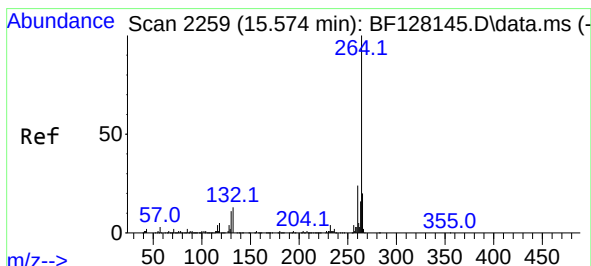
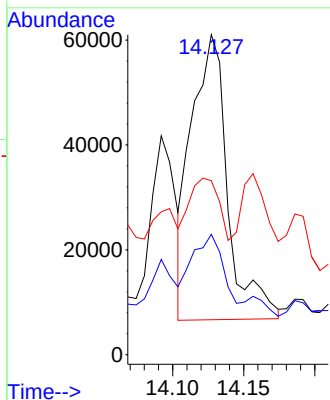
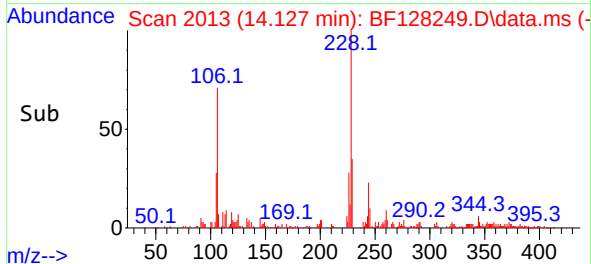
Instrument :
BNA_F
ClientSampleId :
WC-14A-TP-5R



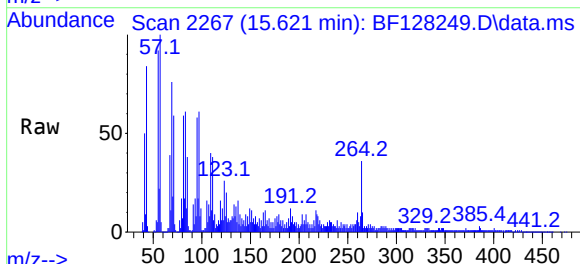
Tgt Ion:228 Resp: 9667
Ion Ratio Lower Upper
228 100
226 37.6 24.4 36.6
229 54.3 15.8 23.8

Manual Integrations
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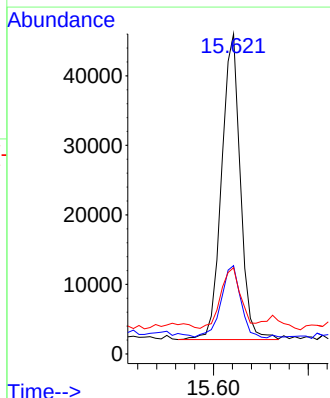
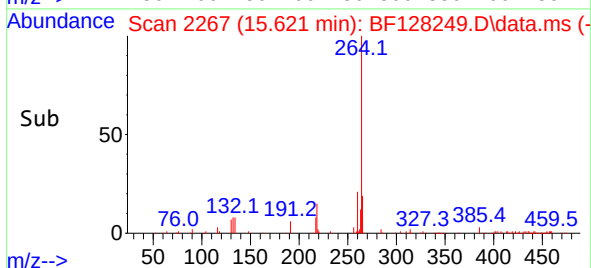
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

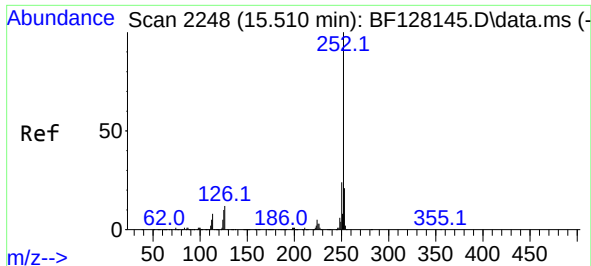


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2267
Delta R.T. 0.059 min
Lab File: BF128249.D
Acq: 13 May 2022 20:08



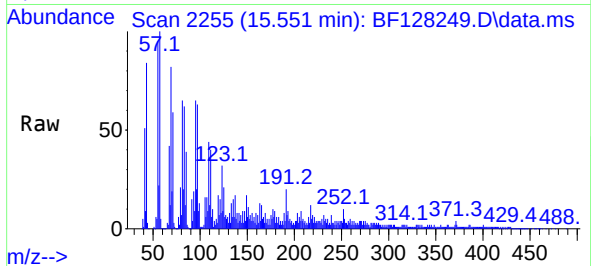
Tgt Ion:264 Resp: 60226
Ion Ratio Lower Upper
264 100
260 27.6 20.1 30.1
265 27.0 17.5 26.3





#90
Benzo(a)pyrene
Concen: 4.424 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF128249.D
Acq: 13 May 2022 20:08

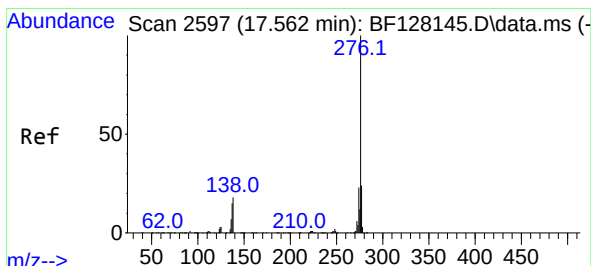
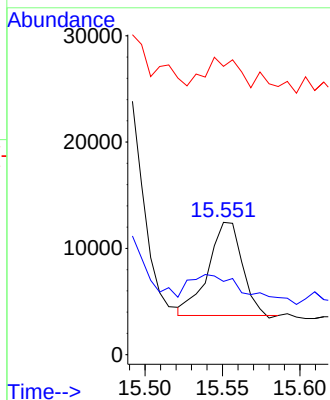
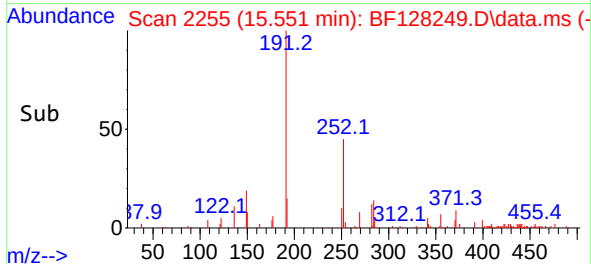
Instrument :
BNA_F
ClientSampleId :
WC-14A-TP-5R



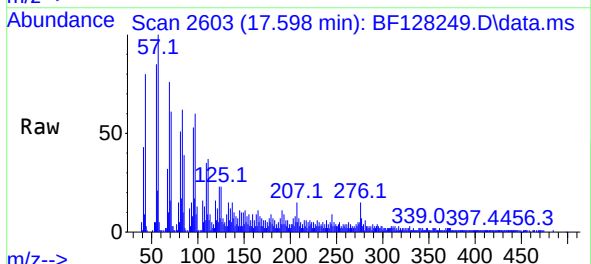
Tgt Ion:252 Resp: 13334
Ion Ratio Lower Upper
252 100
253 55.4 17.8 26.6
125 217.8 9.2 13.8

Manual Integrations
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Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#92
Benzo(g,h,i)perylene
Concen: 3.007 ng
RT: 17.598 min Scan# 2603
Delta R.T. 0.047 min
Lab File: BF128249.D
Acq: 13 May 2022 20:08



Tgt Ion:276 Resp: 8979
Ion Ratio Lower Upper
276 100
277 48.5 18.8 28.2#
138 44.0 16.2 24.2#

