

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
 Data File : BF128242.D
 Acq On : 13 May 2022 16:43
 Operator : CG\JU
 Sample : N2823-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-10

Manual Integrations
 APPROVED

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

Quant Time: May 14 00:56:16 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	6.887	152	59890	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	237837	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	135976	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	233941	20.000	ng	0.00
76) Chrysene-d12	14.063	240	136835	20.000	ng	0.00
86) Perylene-d12	15.557	264	142537	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	323986	86.238	ng	0.00
7) Phenol-d6	6.516	99	438289	88.203	ng	-0.01
23) Nitrobenzene-d5	7.451	82	310962	58.831	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	122886	78.799	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	533224	61.359	ng	0.00
79) Terphenyl-d14	13.004	244	469079	64.325	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.528	94	13905	2.654	ng	# 80
55) Dibenzofuran	10.128	168	46185	4.228	ng	98
71) Phenanthrene	11.457	178	1589558	136.457	ng	100
72) Anthracene	11.498	178	52378m	4.504	ng	
73) Carbazole	11.651	167	316957	28.659	ng	100
75) Fluoranthene	12.657	202	3091676	244.806	ng	99
78) Pyrene	12.880	202	1753618	176.745	ng	99
81) Benzo(a)anthracene	14.051	228	145122	16.604	ng	99
83) Chrysene	14.092	228	318155	38.151	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	72013	12.921	ng	97
87) Indeno(1,2,3-cd)pyrene	17.062	276	33644	3.902	ng	96
88) Benzo(b)fluoranthene	15.116	252	91937m	10.405	ng	
89) Benzo(k)fluoranthene	15.139	252	29720m	3.407	ng	
90) Benzo(a)pyrene	15.486	252	40919	5.736	ng	98
92) Benzo(g,h,i)perylene	17.527	276	28163	3.985	ng	97

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

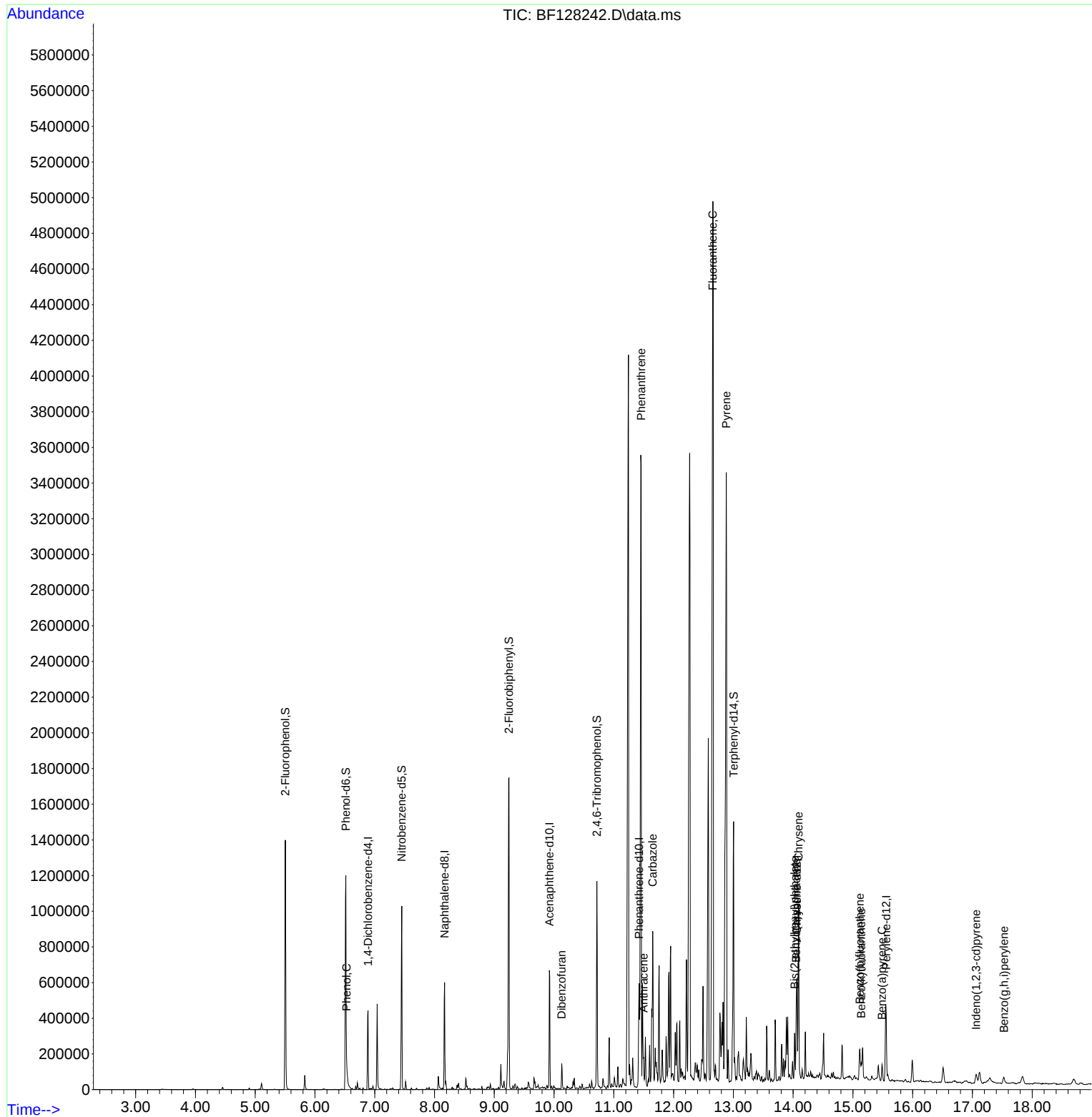
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
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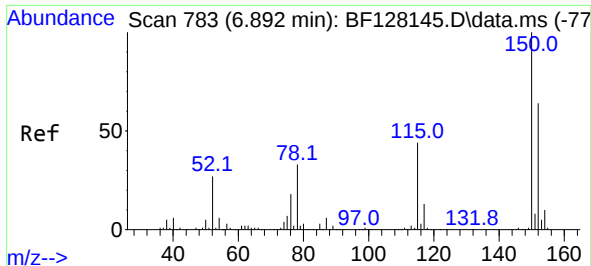
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Quant Time: May 14 00:56:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 14 00:51:21 2022
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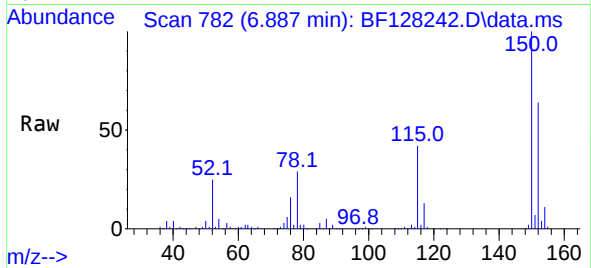
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128242.D
Acq: 13 May 2022 16:43

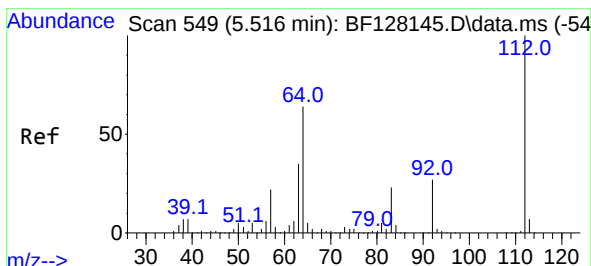
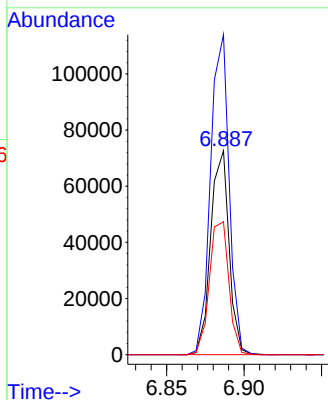
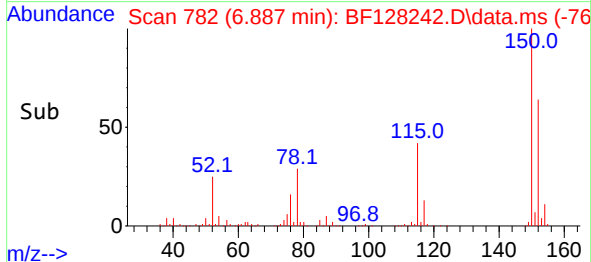
Instrument :
BNA_F
ClientSampleId :
SC-10



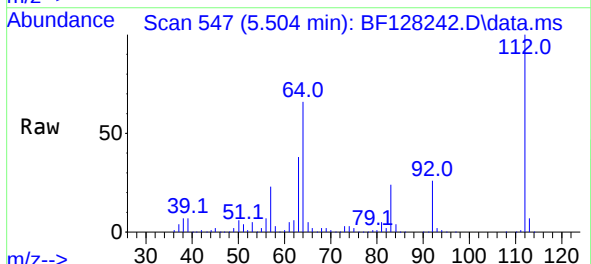
Tgt Ion:152 Resp: 59890
Ion Ratio Lower Upper
152 100
150 156.9 125.3 187.9
115 65.2 48.8 73.2

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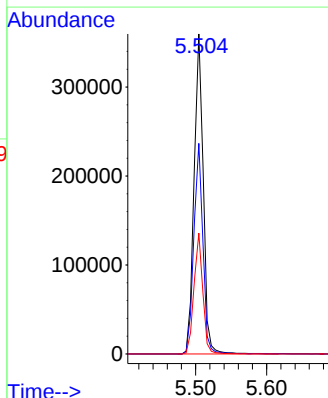
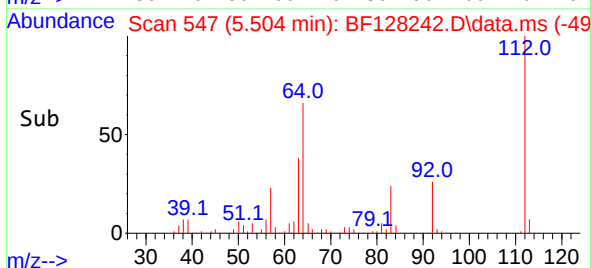
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

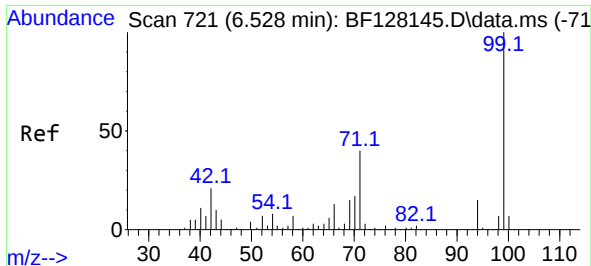


#5
2-Fluorophenol
Concen: 86.238 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.006 min
Lab File: BF128242.D
Acq: 13 May 2022 16:43



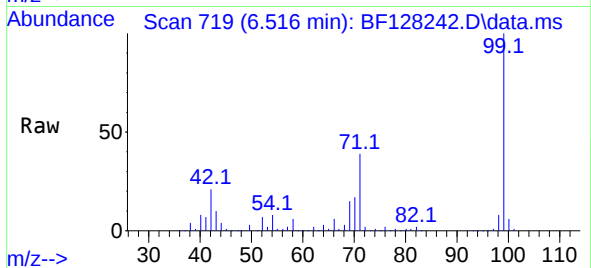
Tgt Ion:112 Resp: 323986
Ion Ratio Lower Upper
112 100
64 65.8 49.5 74.3
63 37.8 26.3 39.5





#7
Phenol-d6
Concen: 88.203 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128242.D
Acq: 13 May 2022 16:43

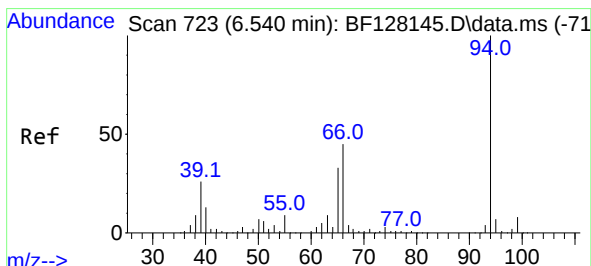
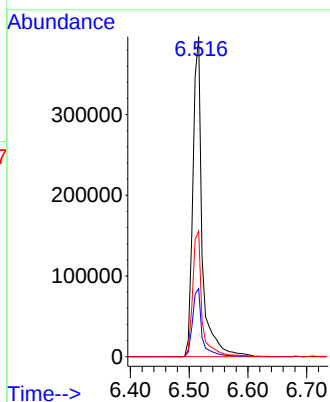
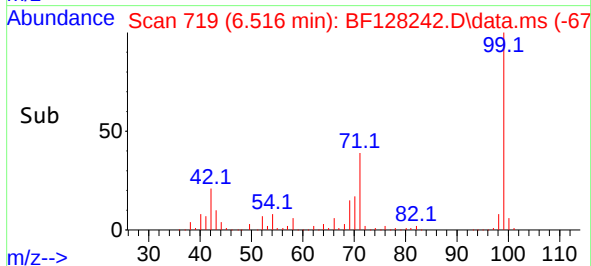
Instrument :
BNA_F
ClientSampleId :
SC-10



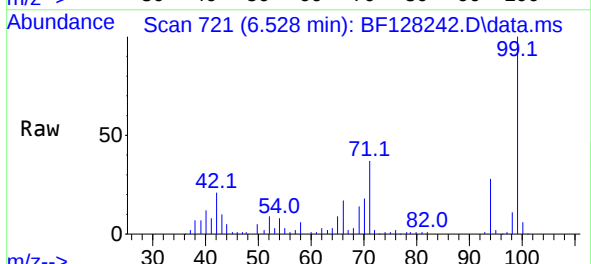
Tgt Ion: 99 Resp: 438289
Ion Ratio Lower Upper
99 100
42 21.3 16.6 24.8
71 39.3 30.0 45.0

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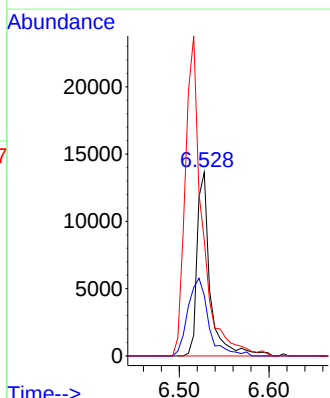
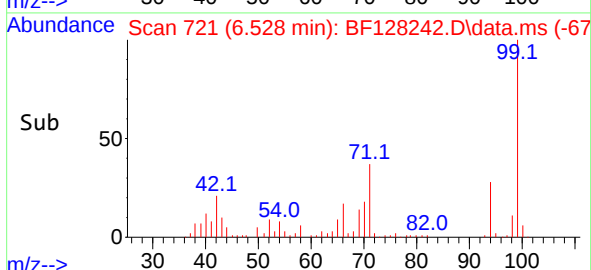
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

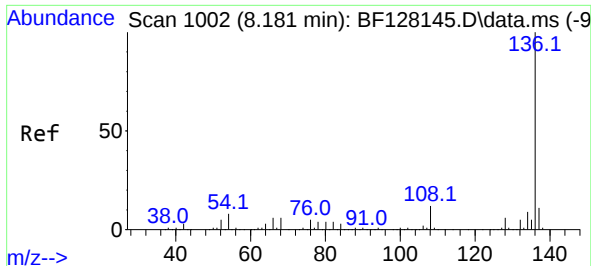


#10
Phenol
Concen: 2.654 ng
RT: 6.528 min Scan# 721
Delta R.T. -0.012 min
Lab File: BF128242.D
Acq: 13 May 2022 16:43



Tgt Ion: 94 Resp: 13905
Ion Ratio Lower Upper
94 100
65 33.0 10.6 50.6
66 63.0 22.6 62.6#





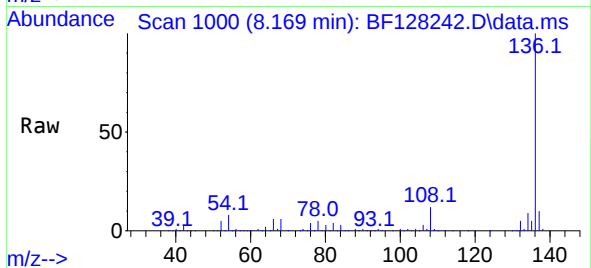
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF128242.D
Acq: 13 May 2022 16:43

Instrument :

BNA_F

ClientSampleId :

SC-10

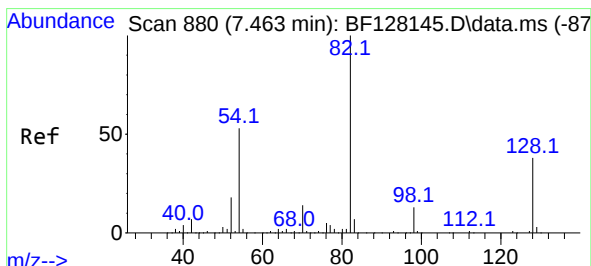
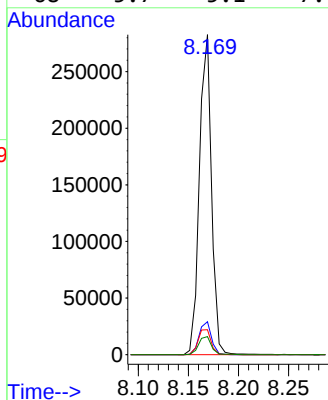
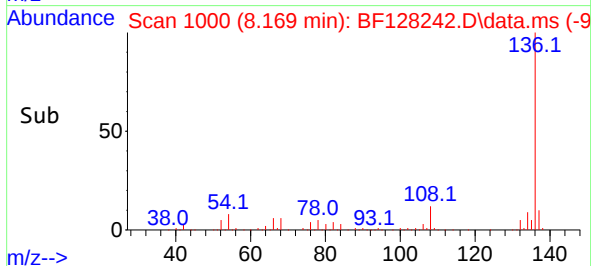


Tgt Ion:136 Resp: 23783
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 7.8 6.8 10.2
68 5.7 5.1 7.7

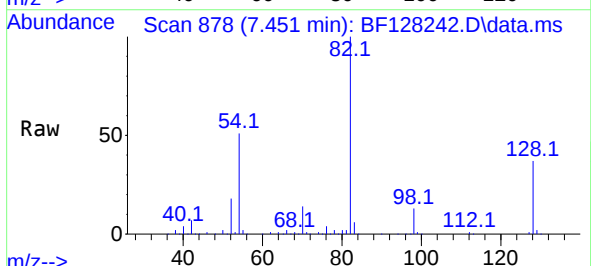
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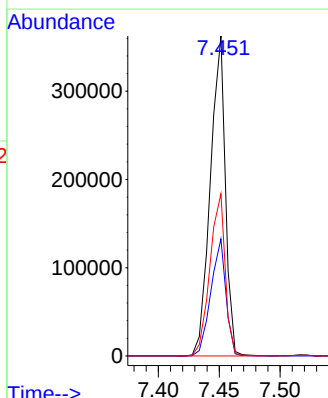
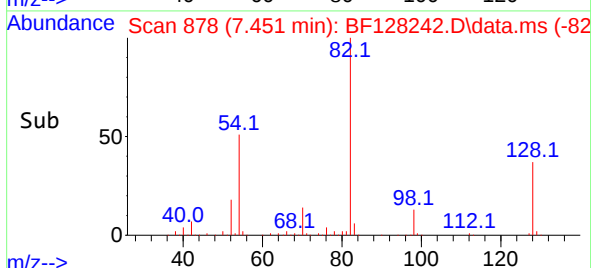
Reviewed By :Christian Giraldo 05/16/2022
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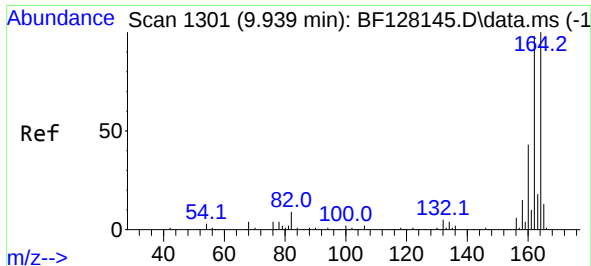


#23
Nitrobenzene-d5
Concen: 58.831 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF128242.D
Acq: 13 May 2022 16:43



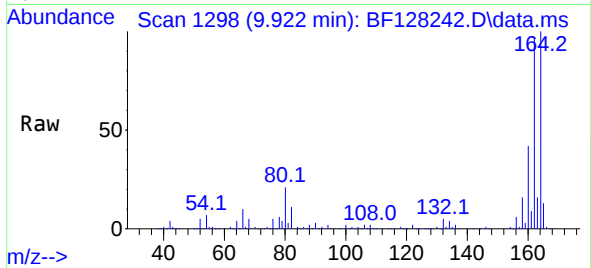
Tgt Ion: 82 Resp: 310962
Ion Ratio Lower Upper
82 100
128 36.6 30.0 45.0
54 50.7 41.3 61.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128242.D
Acq: 13 May 2022 16:43

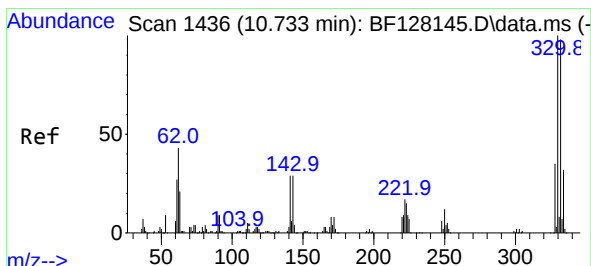
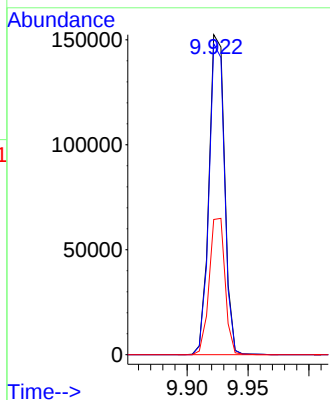
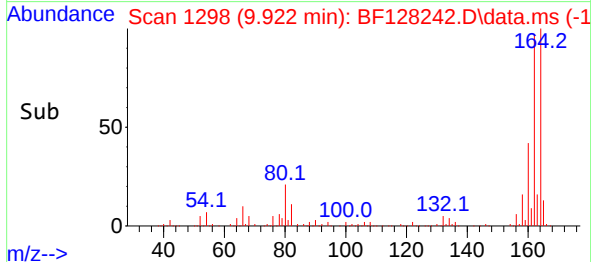
Instrument :
BNA_F
ClientSampleId :
SC-10



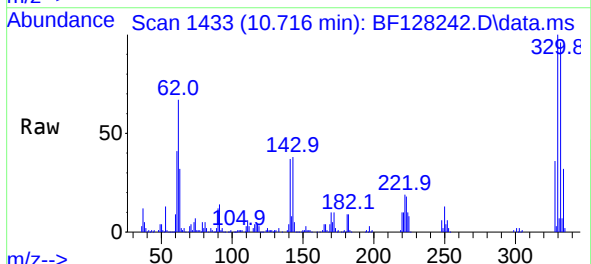
Tgt Ion:164 Resp: 135970
Ion Ratio Lower Upper
164 100
162 97.1 76.0 114.0
160 42.3 34.8 52.2

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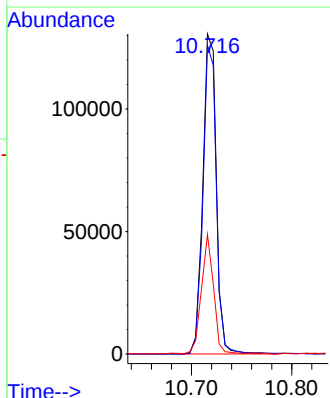
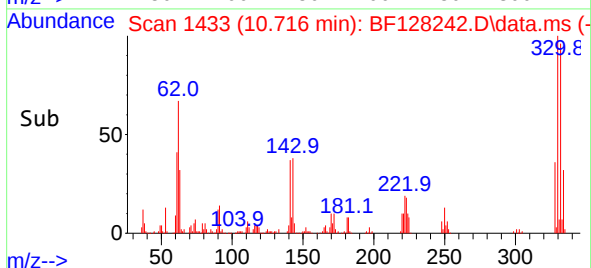
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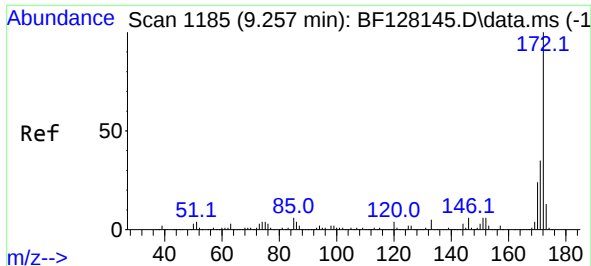


#42
2,4,6-Tribromophenol
Concen: 78.799 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF128242.D
Acq: 13 May 2022 16:43



Tgt Ion:330 Resp: 122886
Ion Ratio Lower Upper
330 100
332 95.2 79.0 118.4
141 33.9 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 61.359 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF128242.D

Acq: 13 May 2022 16:43

Instrument :

BNA_F

ClientSampleId :

SC-10

Tgt Ion:172 Resp: 533224

Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

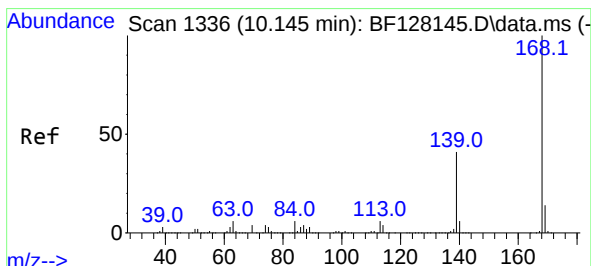
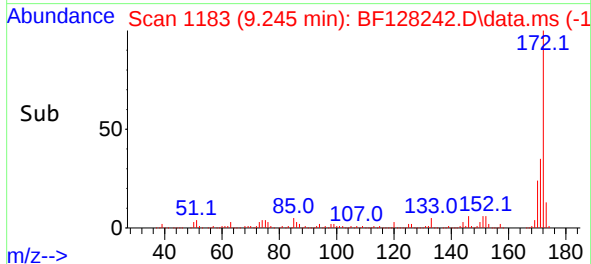
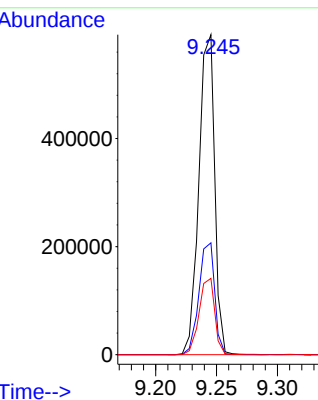
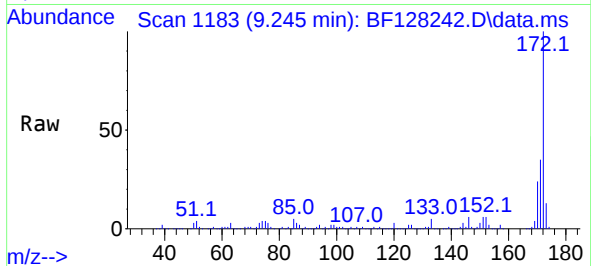
170 23.8 19.1 28.7

Manual Integrations

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#55

Dibenzofuran

Concen: 4.228 ng

RT: 10.128 min Scan# 1333

Delta R.T. -0.012 min

Lab File: BF128242.D

Acq: 13 May 2022 16:43

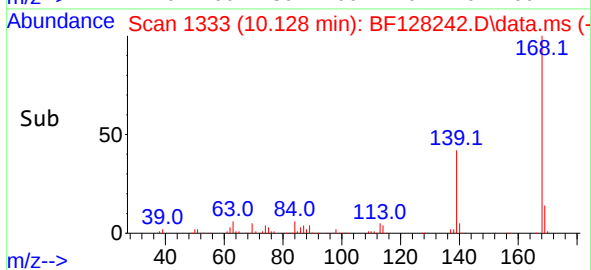
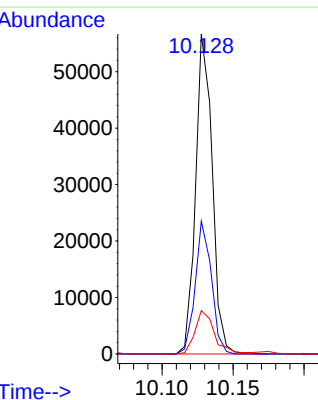
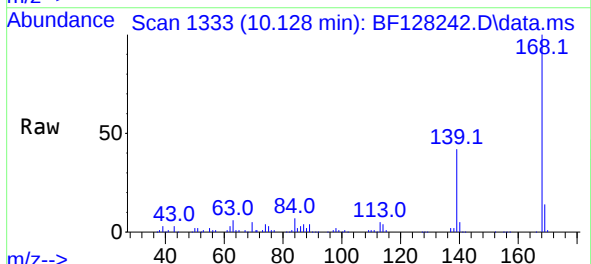
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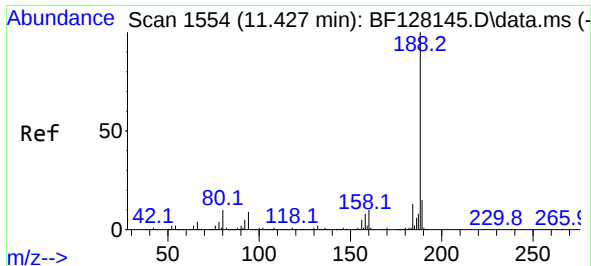
Ion Ratio Lower Upper

168 100

139 41.5 31.7 47.5

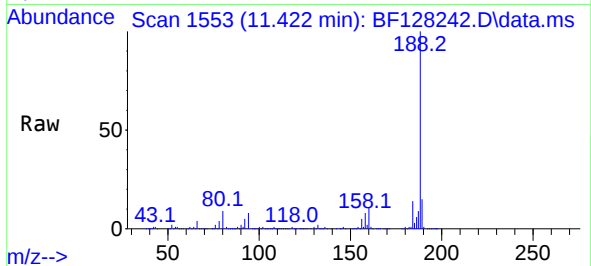
169 13.6 10.9 16.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128242.D
Acq: 13 May 2022 16:43

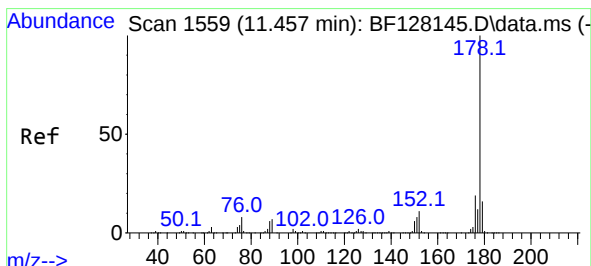
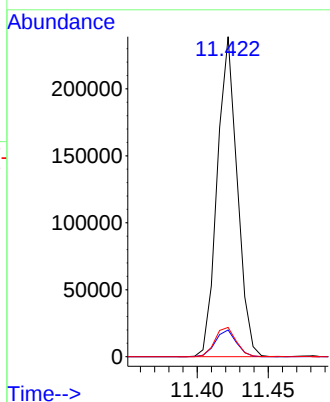
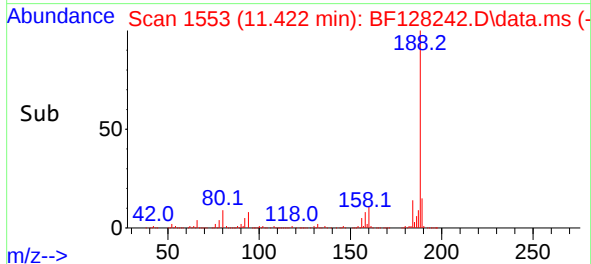
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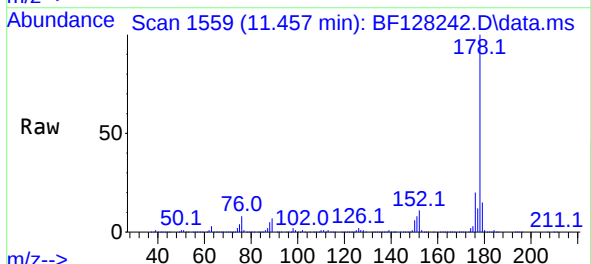
Tgt Ion:188 Resp: 23394
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 9.1 8.9 13.3

Manual Integrations
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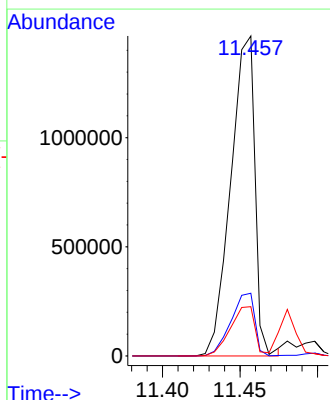
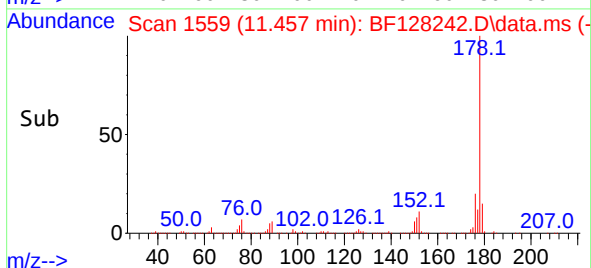
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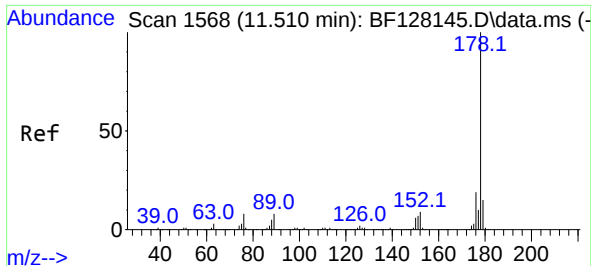


#71
Phenanthrene
Concen: 136.457 ng
RT: 11.457 min Scan# 1559
Delta R.T. 0.006 min
Lab File: BF128242.D
Acq: 13 May 2022 16:43



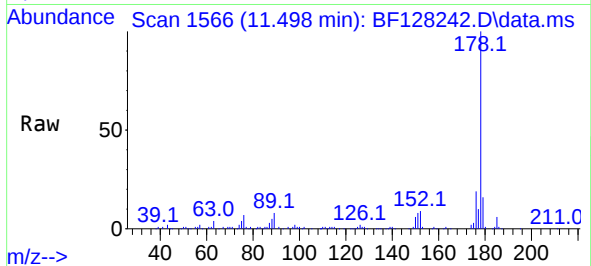
Tgt Ion:178 Resp: 1589558
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.4 12.6 19.0





#72
 Anthracene
 Concen: 4.504 ng m
 RT: 11.498 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128242.D
 Acq: 13 May 2022 16:43

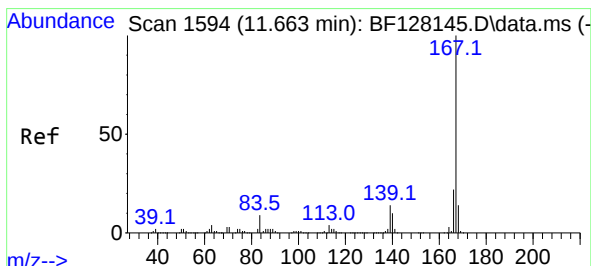
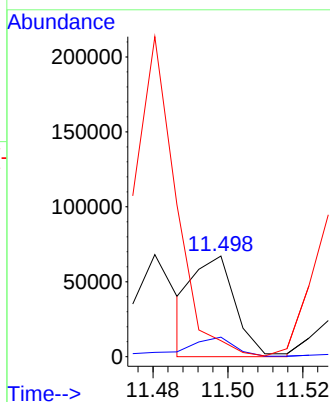
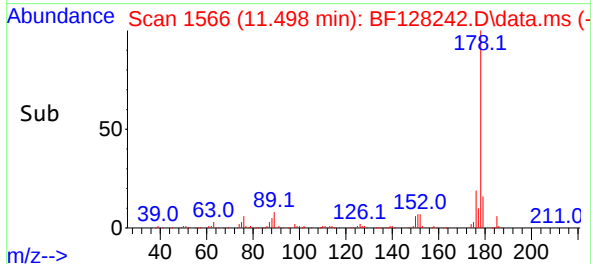
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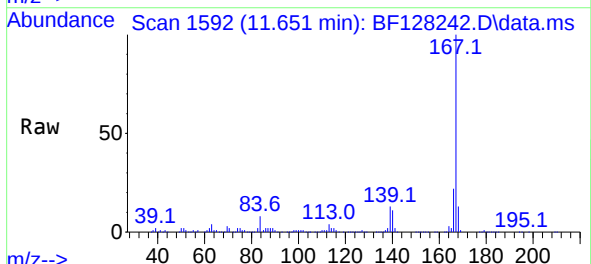
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 Ion Ratio Lower Upper
 178 100
 176 19.4 15.0 22.6
 179 15.9 12.4 18.6

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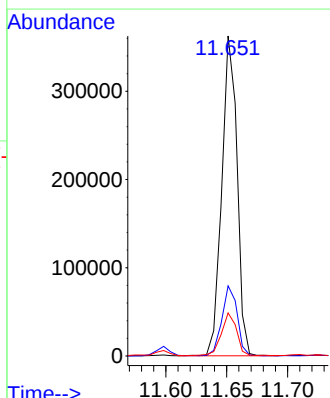
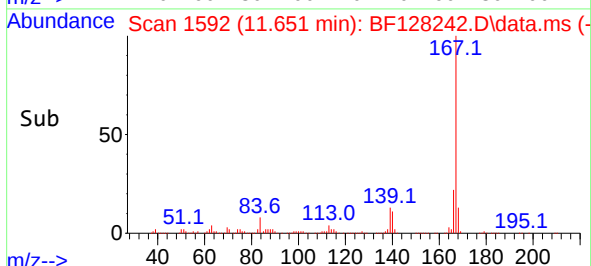
Reviewed By :Christian Giraldo 05/16/2022
 Supervised By :Jagrut Upadhyay 05/16/2022

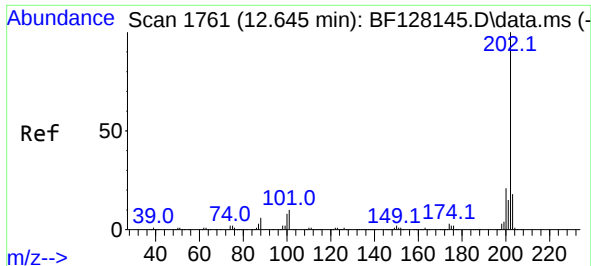


#73
 Carbazole
 Concen: 28.659 ng
 RT: 11.651 min Scan# 1592
 Delta R.T. -0.006 min
 Lab File: BF128242.D
 Acq: 13 May 2022 16:43



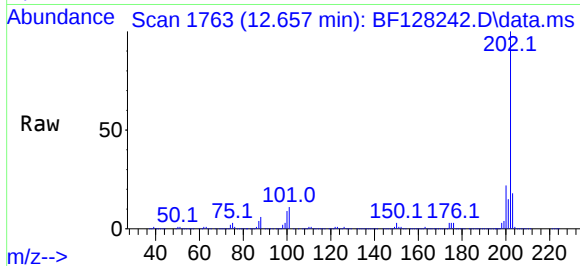
Tgt Ion:167 Resp: 316957
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.5 10.7 16.1





#75
Fluoranthene
Concen: 244.806 ng
RT: 12.657 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF128242.D
Acq: 13 May 2022 16:43

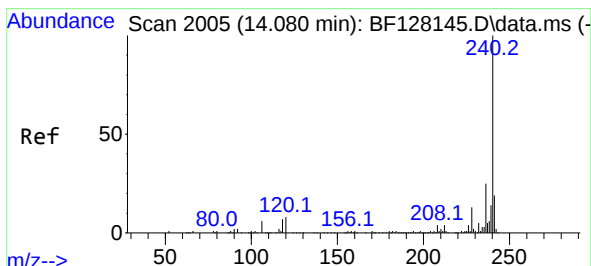
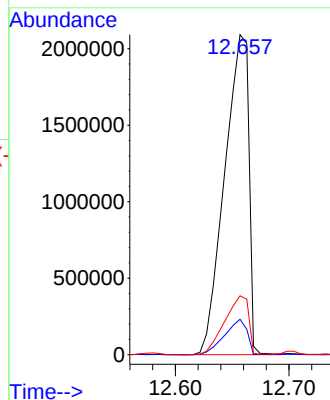
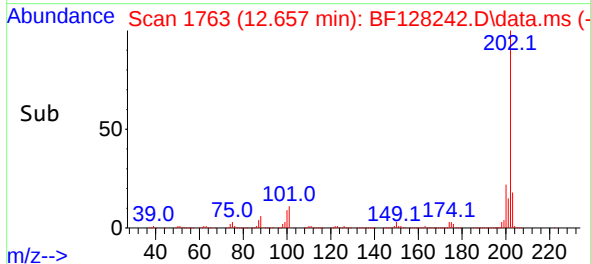
Instrument :
BNA_F
ClientSampleId :
SC-10



Tgt Ion:202 Resp: 3091670
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.6
203 18.4 0.0 38.1

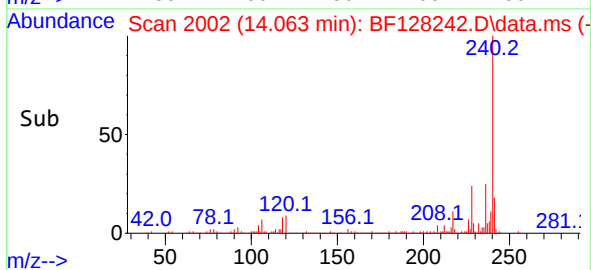
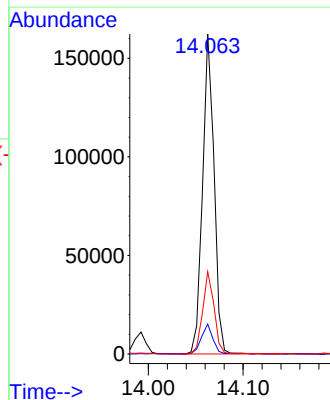
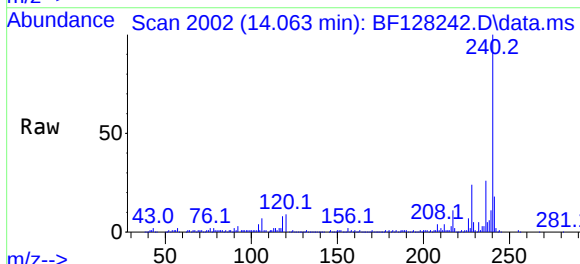
Manual Integrations
APPROVED

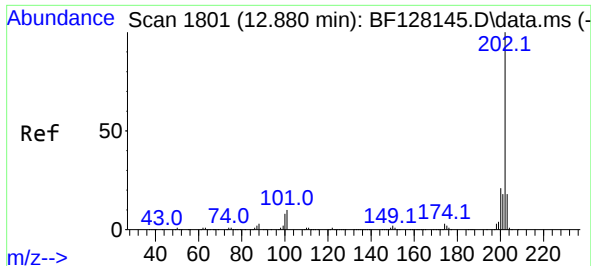
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF128242.D
Acq: 13 May 2022 16:43

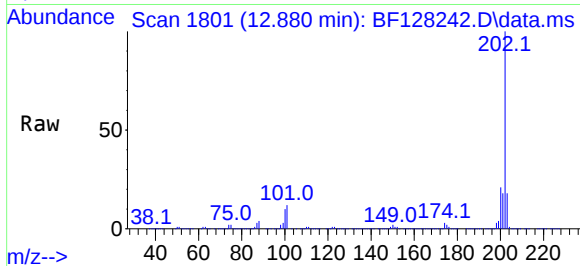
Tgt Ion:240 Resp: 136835
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.6
236 25.7 20.3 30.5





#78
Pyrene
Concen: 176.745 ng
RT: 12.880 min Scan# 1801
Delta R.T. 0.012 min
Lab File: BF128242.D
Acq: 13 May 2022 16:43

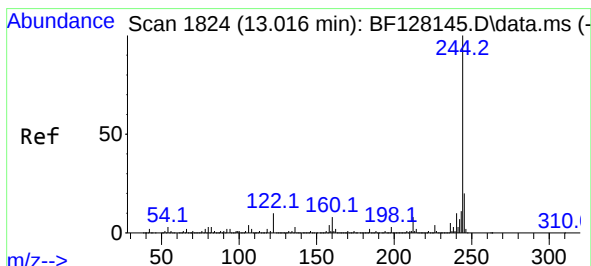
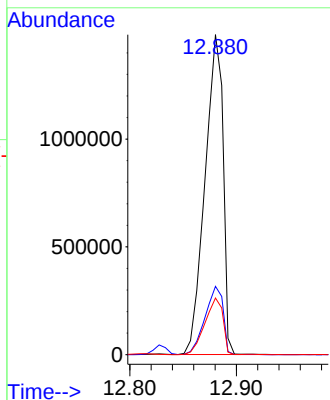
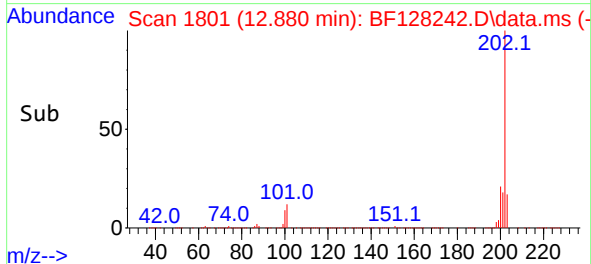
Instrument :
BNA_F
ClientSampleId :
SC-10



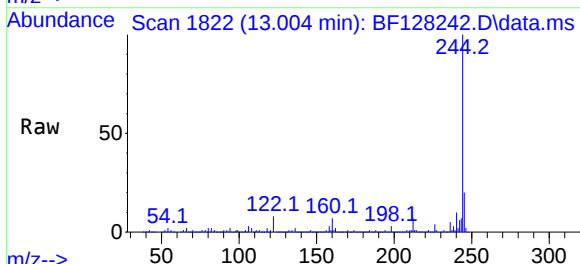
Tgt Ion:202 Resp: 1753618
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.7 14.0 21.0

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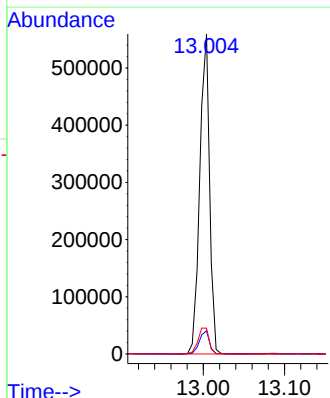
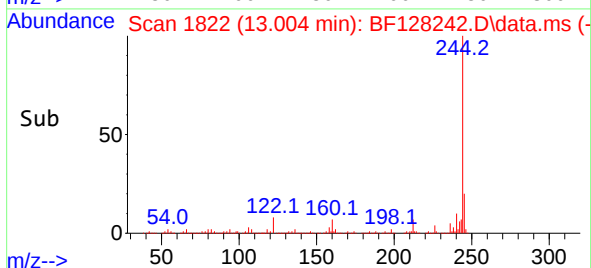
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

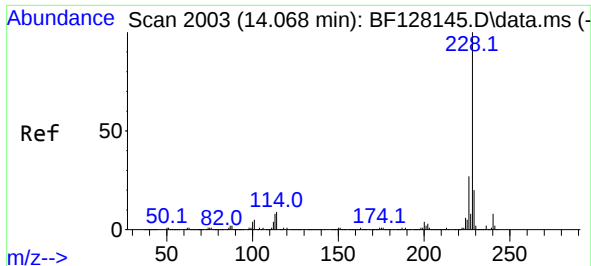


#79
Terphenyl-d14
Concen: 64.325 ng
RT: 13.004 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF128242.D
Acq: 13 May 2022 16:43



Tgt Ion:244 Resp: 469079
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.4
122 8.0 8.6 12.8





#81
Benzo(a)anthracene
Concen: 16.604 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BF128242.D
Acq: 13 May 2022 16:43

Instrument :

BNA_F

ClientSampleId :

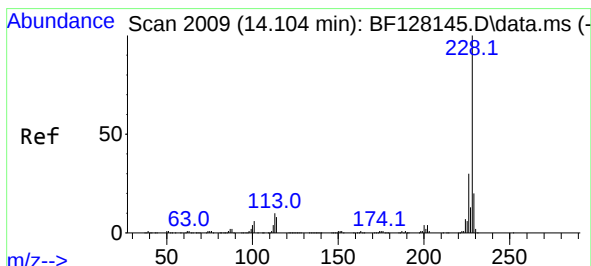
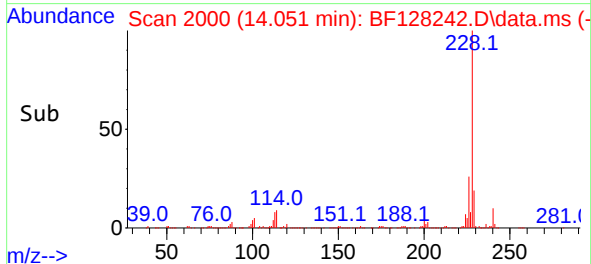
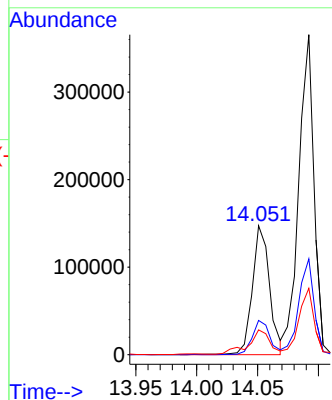
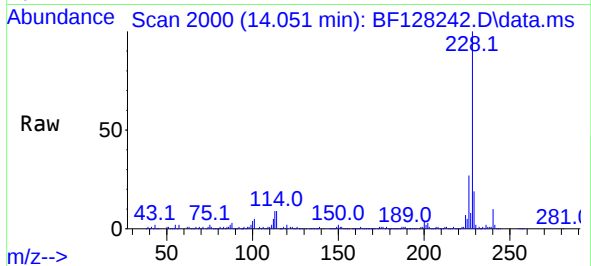
SC-10

Tgt Ion:228 Resp: 14512
Ion Ratio Lower Upper
228 100
226 26.6 21.7 32.5
229 19.3 15.4 23.2

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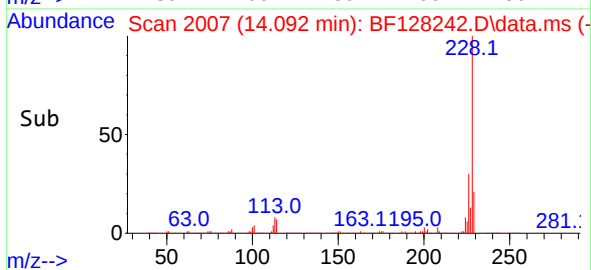
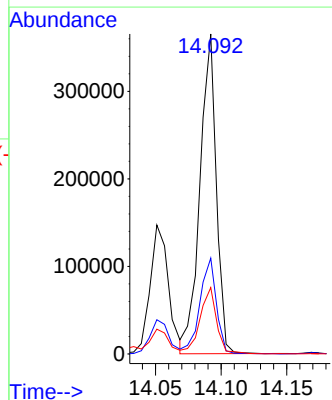
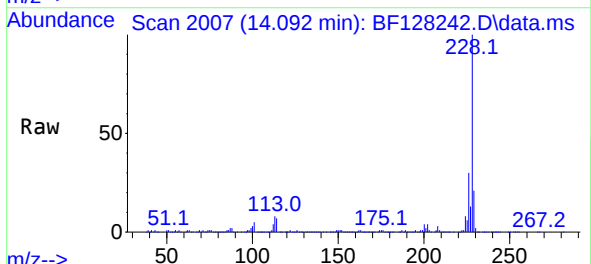
APPROVED

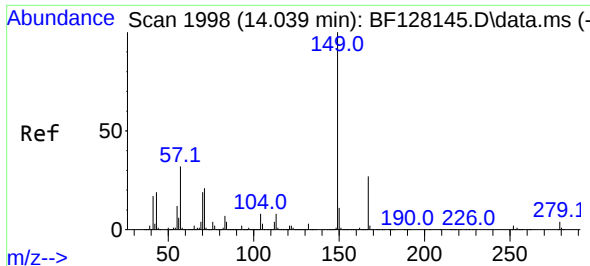
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#83
Chrysene
Concen: 38.151 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF128242.D
Acq: 13 May 2022 16:43

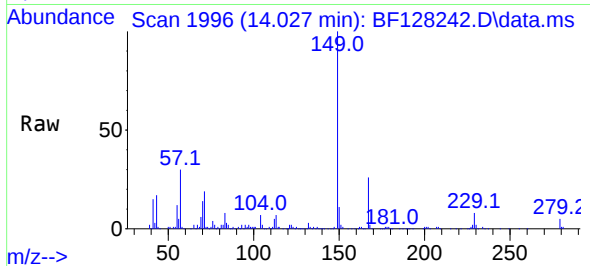
Tgt Ion:228 Resp: 318155
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 20.7 15.8 23.8





#84
Bis(2-ethylhexyl)phthalate
Concen: 12.921 ng
RT: 14.027 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BF128242.D
Acq: 13 May 2022 16:43

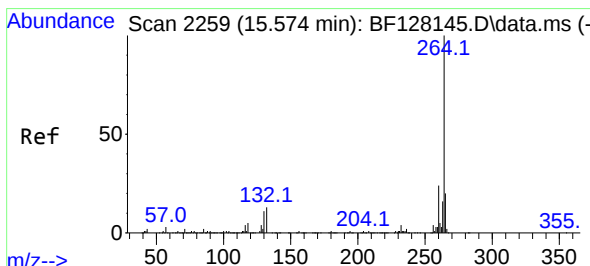
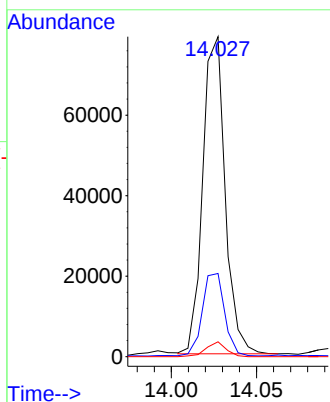
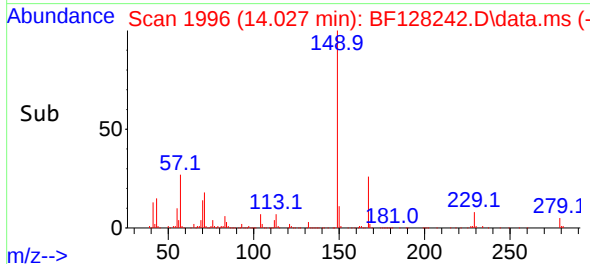
Instrument :
BNA_F
ClientSampleId :
SC-10



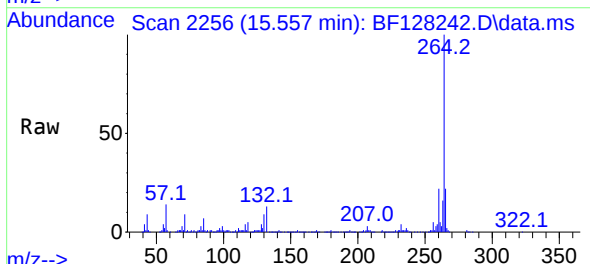
Tgt Ion:149 Resp: 7201
Ion Ratio Lower Upper
149 100
167 26.0 22.0 33.0
279 4.7 3.4 5.0

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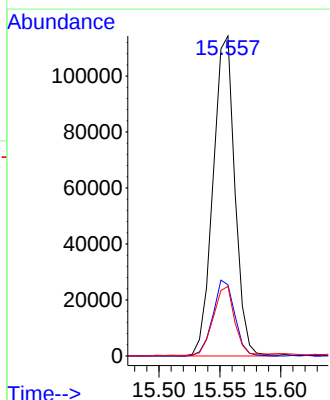
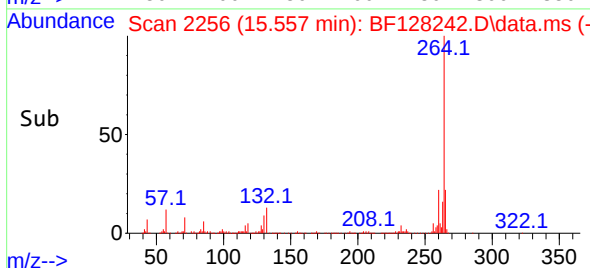
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

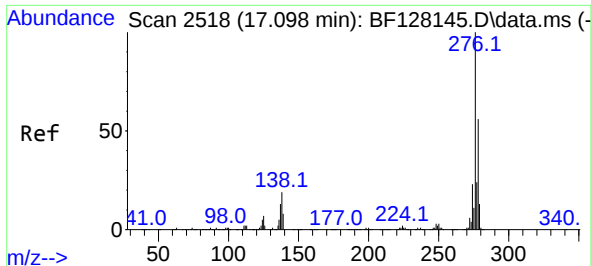


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF128242.D
Acq: 13 May 2022 16:43



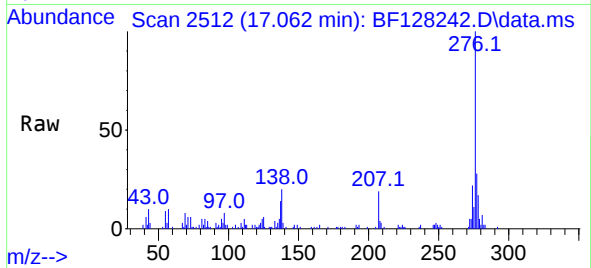
Tgt Ion:264 Resp: 142537
Ion Ratio Lower Upper
264 100
260 22.2 20.1 30.1
265 21.8 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.902 ng
RT: 17.062 min Scan# 2181
Delta R.T. -0.023 min
Lab File: BF128242.D
Acq: 13 May 2022 16:43

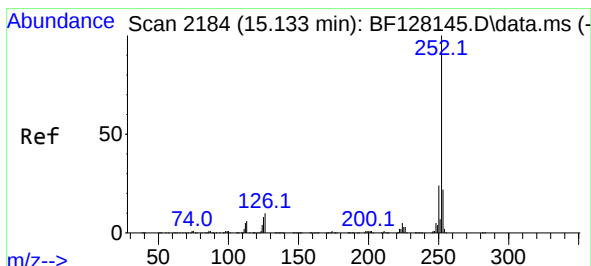
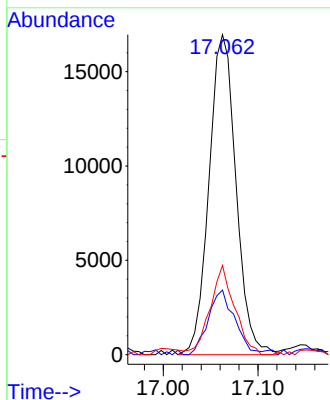
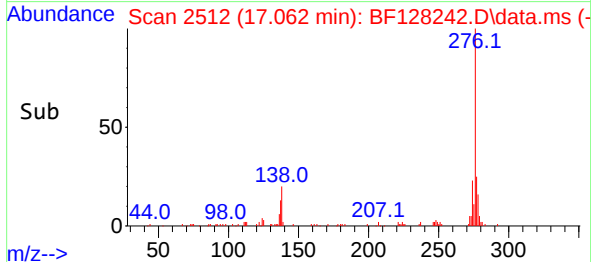
Instrument :
BNA_F
ClientSampleId :
SC-10



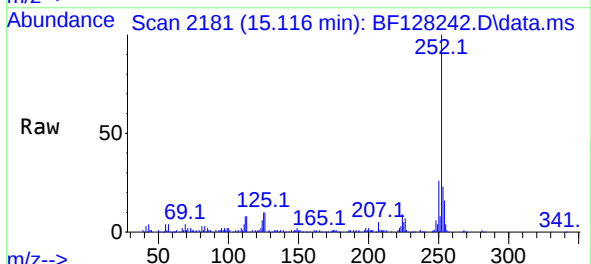
Tgt Ion:276 Resp: 3364
Ion Ratio Lower Upper
276 100
138 20.3 19.0 28.4
277 25.4 20.1 30.1

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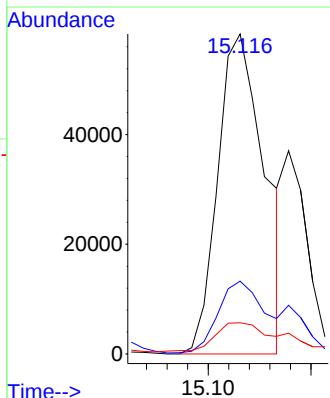
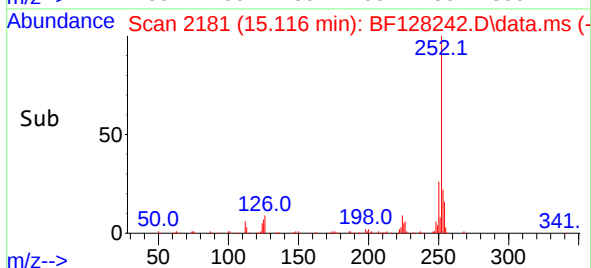
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

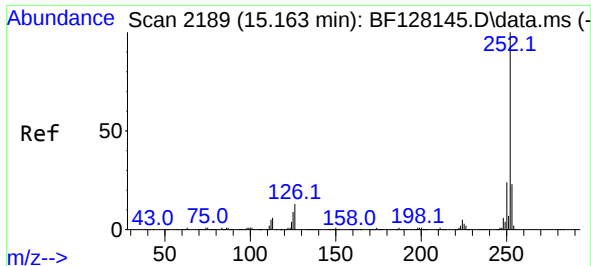


#88
Benzo(b)fluoranthene
Concen: 10.405 ng m
RT: 15.116 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BF128242.D
Acq: 13 May 2022 16:43



Tgt Ion:252 Resp: 91937
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 9.8 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 3.407 ng m

RT: 15.139 min Scan# 2189

Delta R.T. -0.012 min

Lab File: BF128242.D

Acq: 13 May 2022 16:43

Instrument :

BNA_F

ClientSampleId :

SC-10

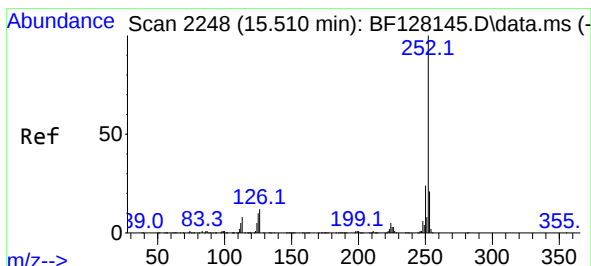
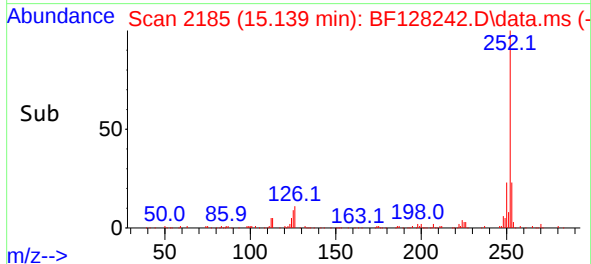
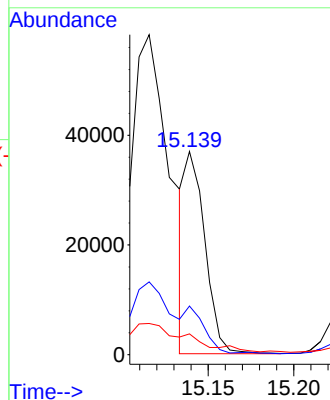
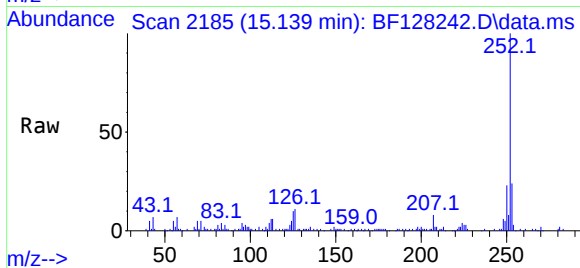
Tgt Ion:252	Resp:	29720
Ion Ratio	Lower	Upper
252	100	
253	23.9	17.0 25.4
125	10.2	6.8 10.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/16/2022

Supervised By :Jagrut Upadhyay 05/16/2022



#90

Benzo(a)pyrene

Concen: 5.736 ng

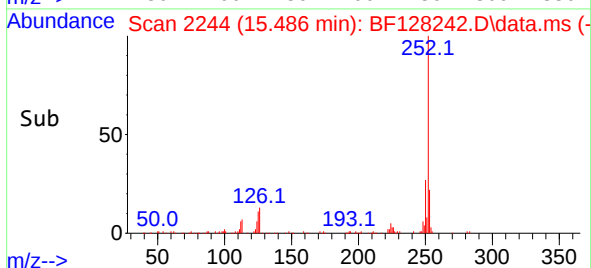
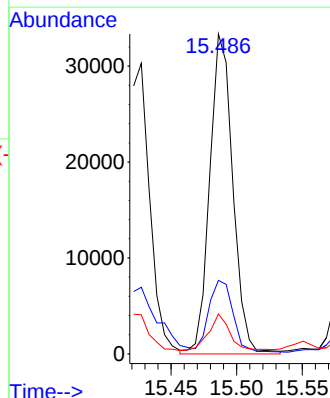
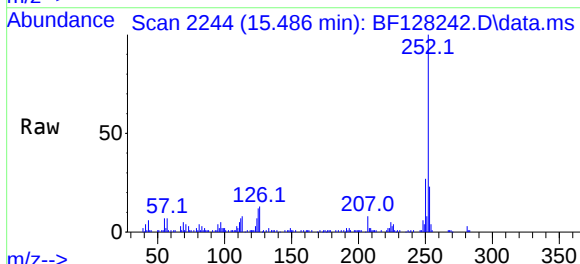
RT: 15.486 min Scan# 2244

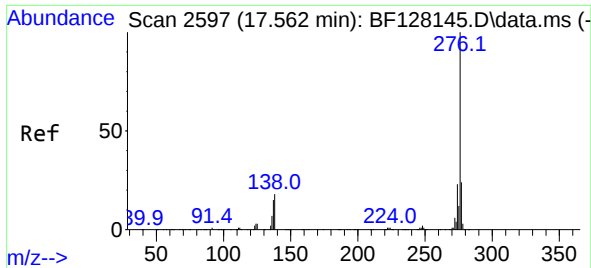
Delta R.T. -0.012 min

Lab File: BF128242.D

Acq: 13 May 2022 16:43

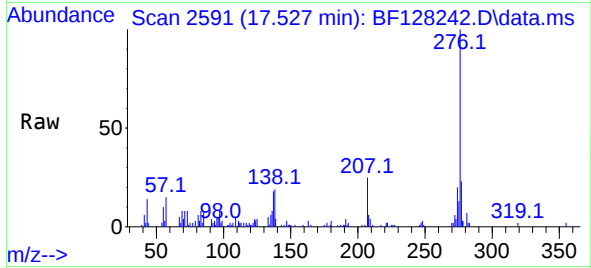
Tgt Ion:252	Resp:	40919
Ion Ratio	Lower	Upper
252	100	
253	23.0	17.8 26.6
125	12.5	9.2 13.8





#92
 Benzo(g,h,i)perylene
 Concen: 3.985 ng
 RT: 17.527 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BF128242.D
 Acq: 13 May 2022 16:43

Instrument :
 BNA_F
 ClientSampleId :
 SC-10



Tgt Ion:	276	Resp:	2816
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.8	28.2
138	23.4	16.2	24.2

Manual Integrations
 APPROVED

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

