

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
 Data File : BF133814.D
 Acq On : 16 Jun 2023 19:09
 Operator : CG\JU
 Sample : 03223-19 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSIT-SB-03

Quant Time: Jun 17 00:10:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 14:54:03 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	79288	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	288712	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	128479	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	228606	20.000	ng	0.00
76) Chrysene-d12	14.051	240	155524	20.000	ng	0.00
86) Perylene-d12	15.562	264	115350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	223572	49.089	ng	0.00
7) Phenol-d6	6.492	99	260707	43.977	ng	0.00
23) Nitrobenzene-d5	7.422	82	163495	30.844	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	63612	39.114	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	324703	35.926	ng	0.00
79) Terphenyl-d14	12.986	244	318675	31.706	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.416	178	85827	7.400	ng	98
75) Fluoranthene	12.610	202	179277	14.556	ng	98
78) Pyrene	12.839	202	164818	11.376	ng	98
81) Benzo(a)anthracene	14.039	228	77730	7.226	ng	99
83) Chrysene	14.074	228	72107m	7.087	ng	
84) Bis(2-ethylhexyl)phtha...	14.027	149	26594	3.531	ng	99
87) Indeno(1,2,3-cd)pyrene	17.103	276	29058	3.662	ng	98
88) Benzo(b)fluoranthene	15.109	252	77588m	11.073	ng	
89) Benzo(k)fluoranthene	15.139	252	17743m	2.599	ng	
90) Benzo(a)pyrene	15.492	252	48735	7.494	ng	94
92) Benzo(g,h,i)perylene	17.574	276	30214	4.638	ng	93

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

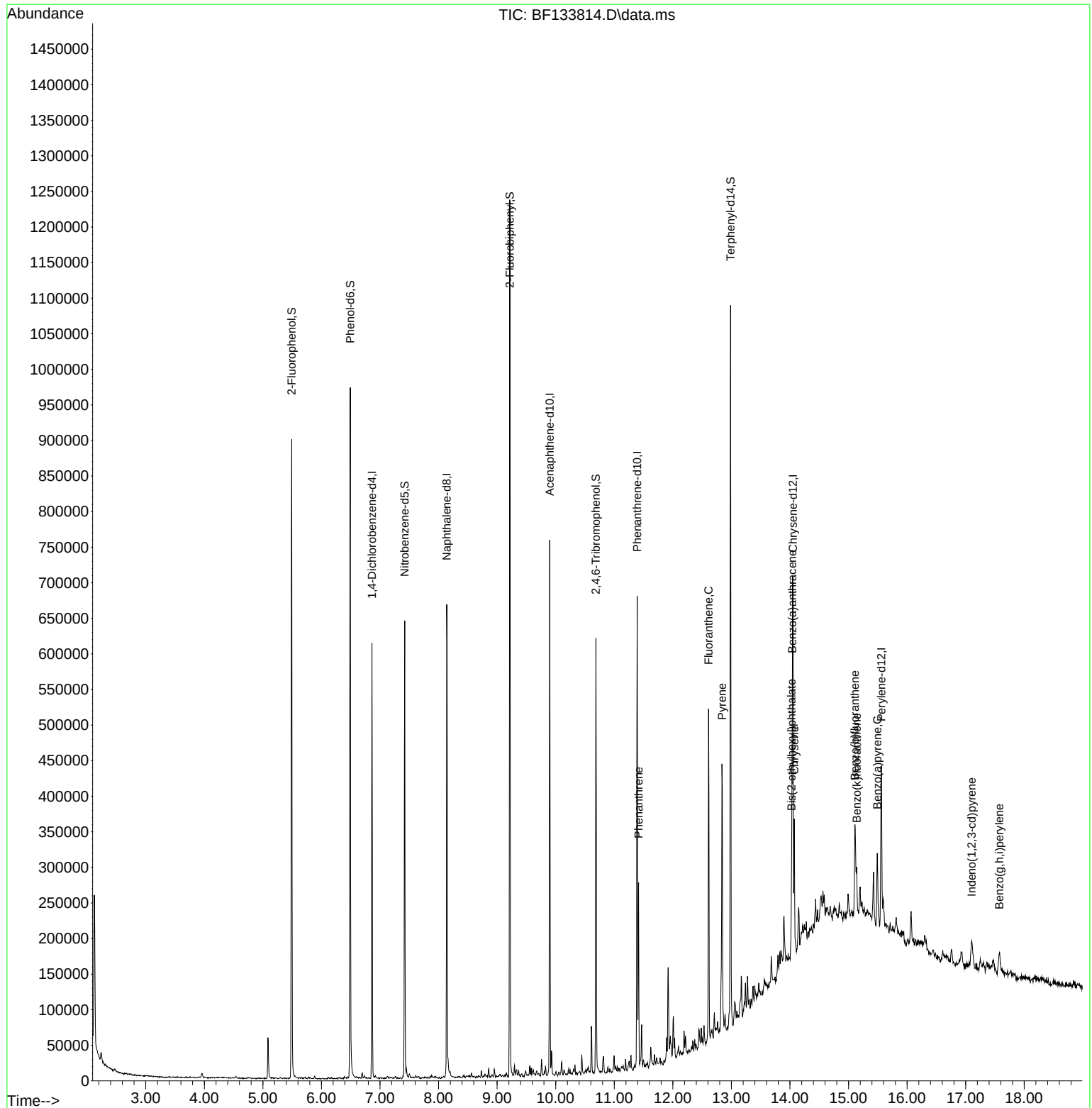
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133814.D
Acq On : 16 Jun 2023 19:09
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Misc :
ALS Vial : 12 Sample Multiplier: 1

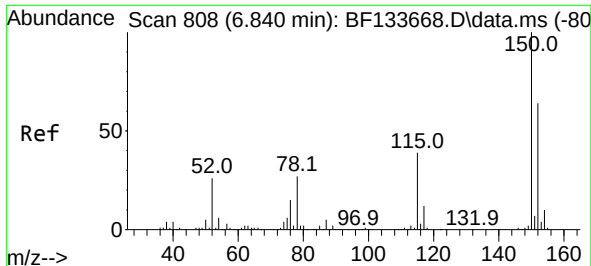
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-03

Quant Time: Jun 17 00:10:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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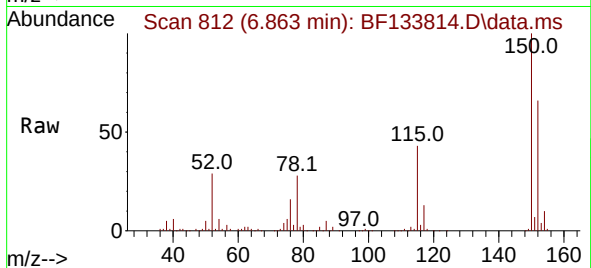
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF133814.D
Acq: 16 Jun 2023 19:09

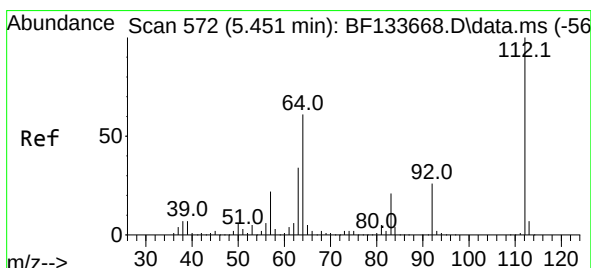
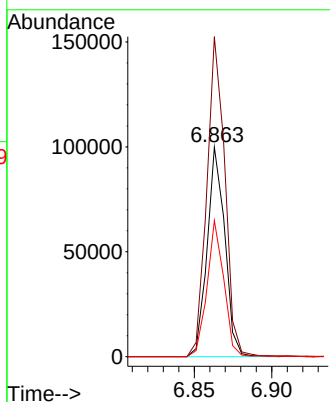
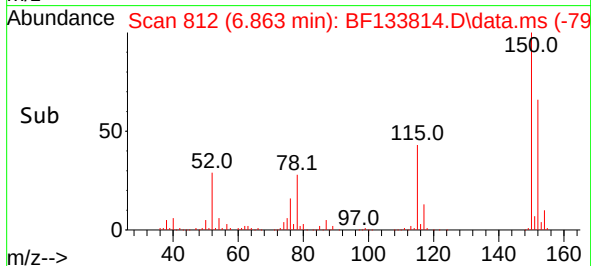
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-03



Tgt Ion:152 Resp: 7928
Ion Ratio Lower Upper
152 100
150 152.6 124.3 186.5
115 65.0 48.5 72.7

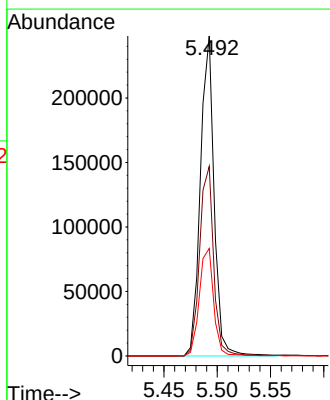
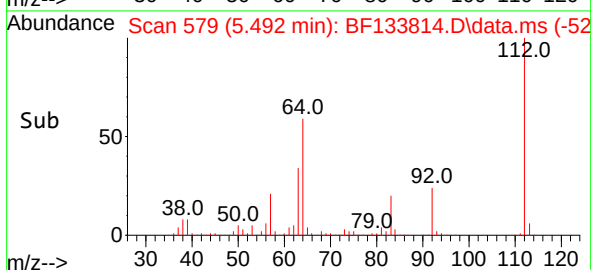
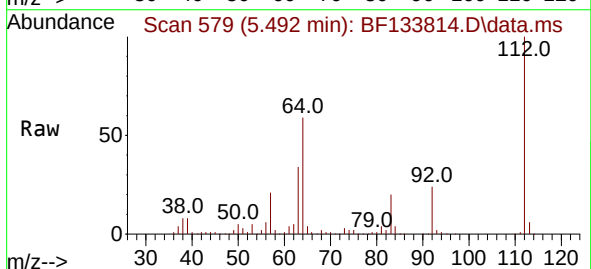
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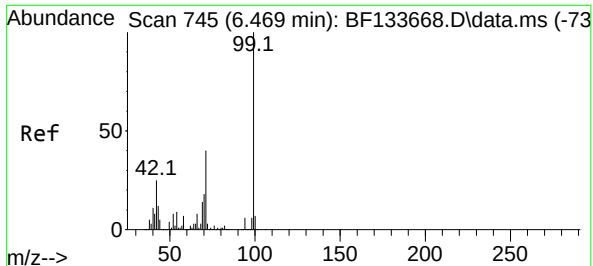
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#5
2-Fluorophenol
Concen: 49.089 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF133814.D
Acq: 16 Jun 2023 19:09

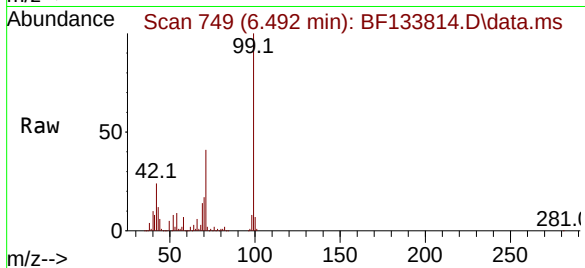
Tgt Ion:112 Resp: 223572
Ion Ratio Lower Upper
112 100
64 59.2 49.0 73.4
63 33.6 26.8 40.2





#7
Phenol-d6
Concen: 43.977 ng
RT: 6.492 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133814.D
Acq: 16 Jun 2023 19:09

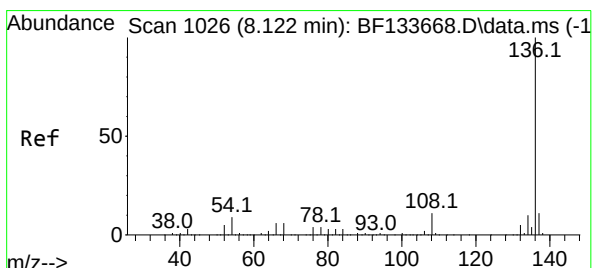
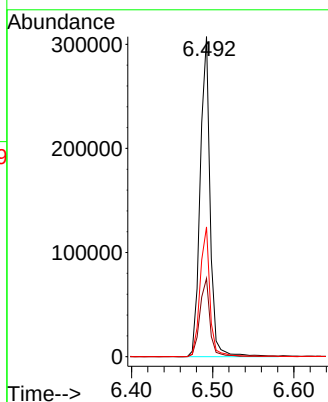
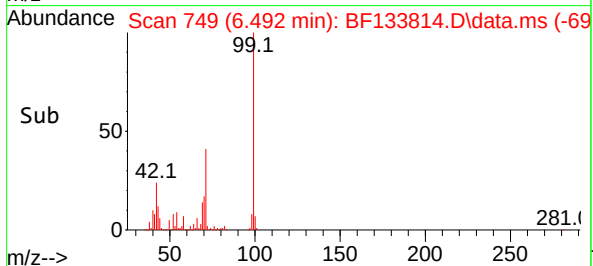
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-03



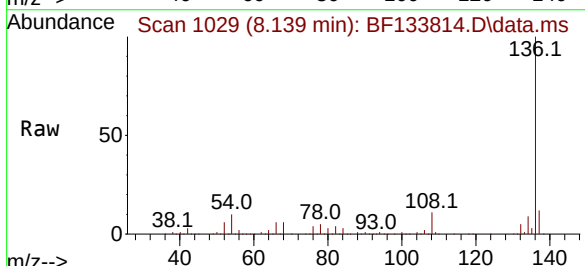
Tgt Ion: 99 Resp: 26070
Ion Ratio Lower Upper
99 100
42 24.5 19.9 29.9
71 40.6 32.2 48.4

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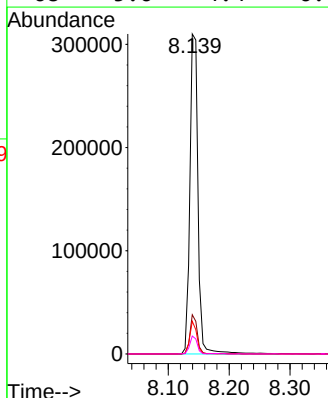
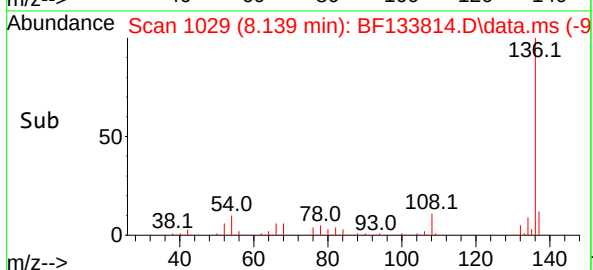
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

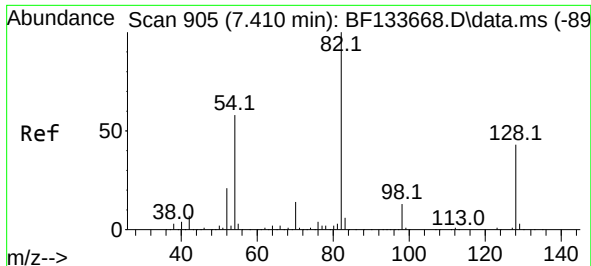


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF133814.D
Acq: 16 Jun 2023 19:09



Tgt Ion:136 Resp: 288712
Ion Ratio Lower Upper
136 100
137 12.2 8.8 13.2
54 10.2 7.4 11.0
68 5.6 4.4 6.6





#23

Nitrobenzene-d5

Concen: 30.844 ng

RT: 7.422 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133814.D

Acq: 16 Jun 2023 19:09

Instrument :

BNA_F

ClientSampleId :

COMPOSIT-SB-03

Tgt Ion: 82 Resp: 16349

Ion Ratio Lower Upper

82 100

128 43.1 34.2 51.2

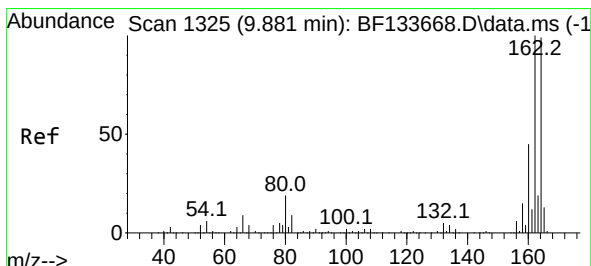
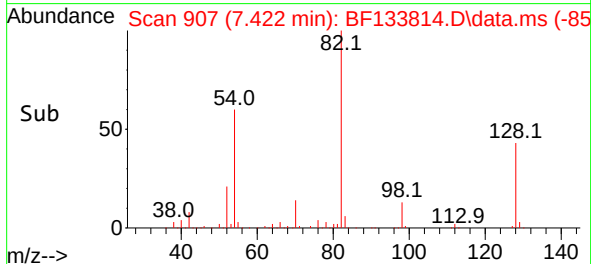
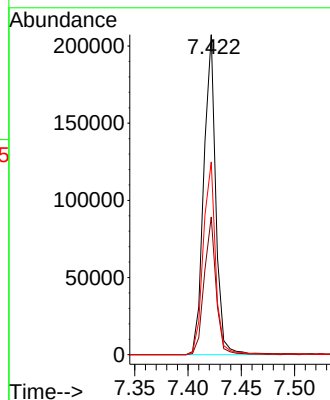
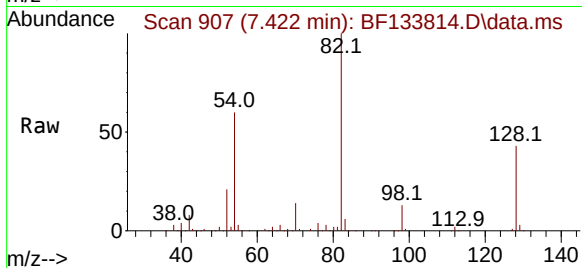
54 60.3 46.5 69.7

Manual Integrations

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Supervised By :mohammad ahmed 06/20/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF133814.D

Acq: 16 Jun 2023 19:09

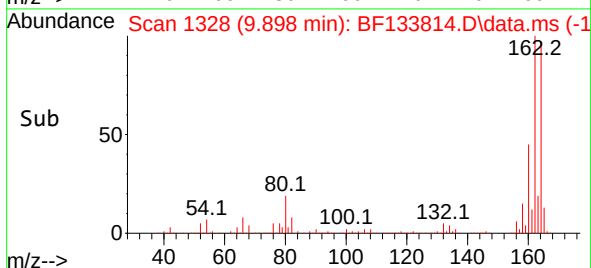
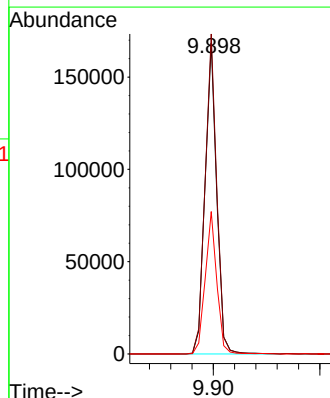
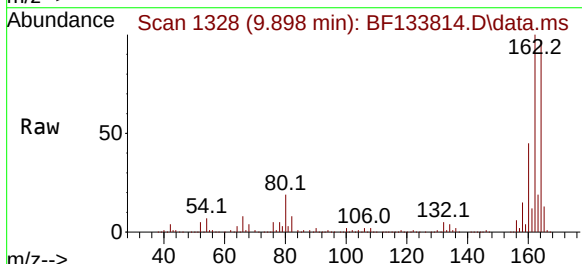
Tgt Ion:164 Resp: 128479

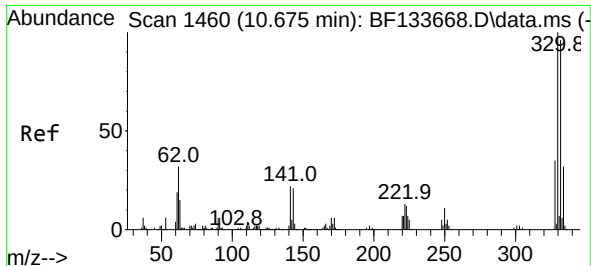
Ion Ratio Lower Upper

164 100

162 102.9 80.8 121.2

160 45.8 36.7 55.1





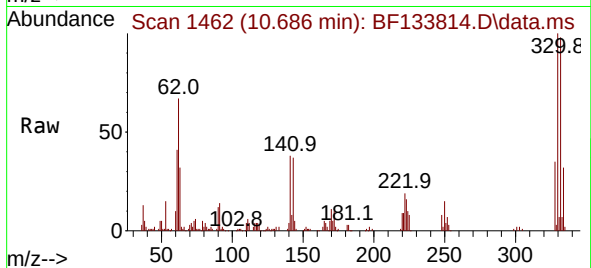
#42
2,4,6-Tribromophenol
Concen: 39.114 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF133814.D
Acq: 16 Jun 2023 19:09

Instrument :

BNA_F

ClientSampleId :

COMPOSIT-SB-03



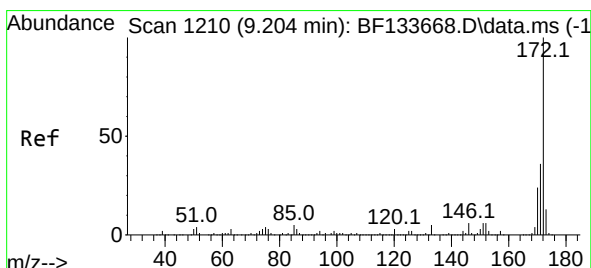
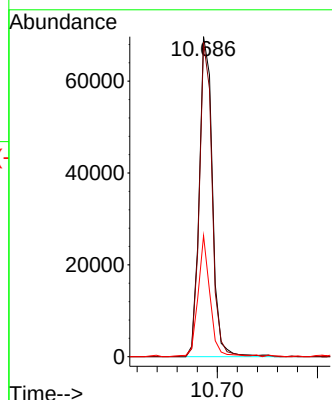
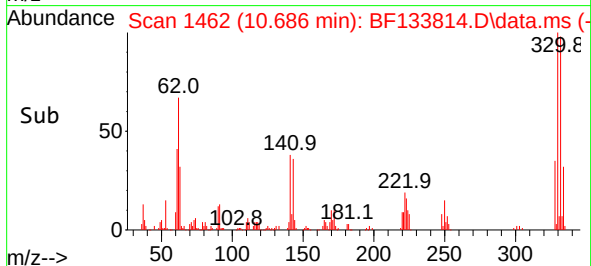
Tgt Ion: 330 Resp: 63612
Ion Ratio Lower Upper
330 100
332 95.7 77.2 115.8
141 34.4 24.9 37.3

Manual Integrations

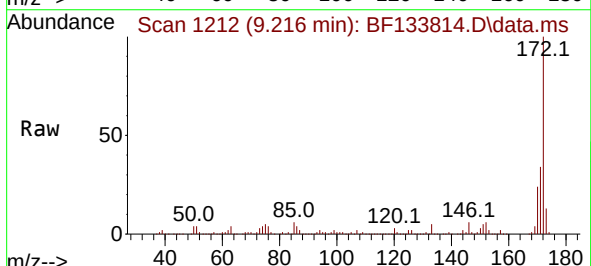
APPROVED

Reviewed By : Yogesh Patel 06/19/2023

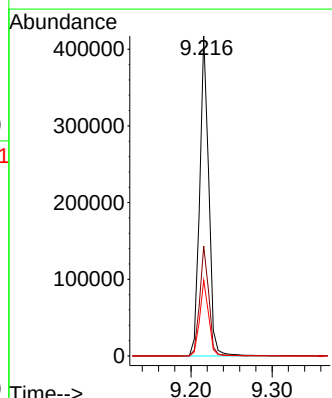
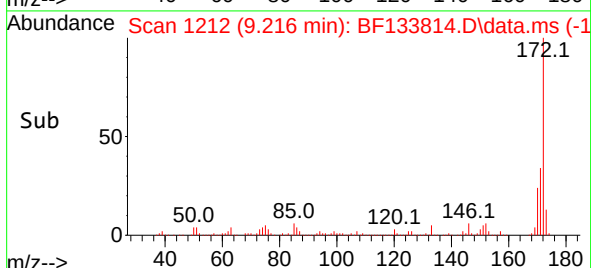
Supervised By : mohammad ahmed 06/20/2023

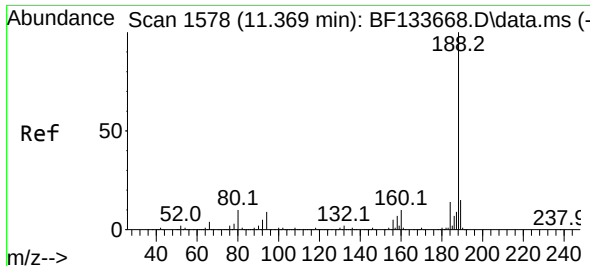


#45
2-Fluorobiphenyl
Concen: 35.926 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF133814.D
Acq: 16 Jun 2023 19:09



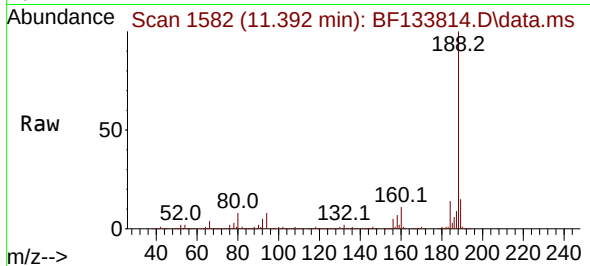
Tgt Ion: 172 Resp: 324703
Ion Ratio Lower Upper
172 100
171 34.3 28.6 43.0
170 23.7 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF133814.D
Acq: 16 Jun 2023 19:09

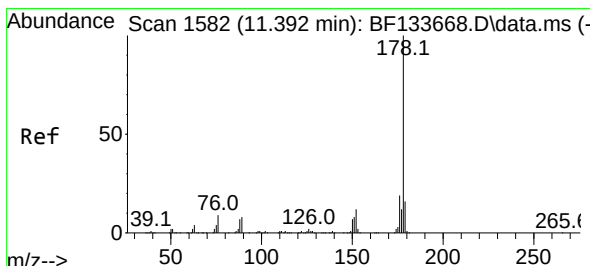
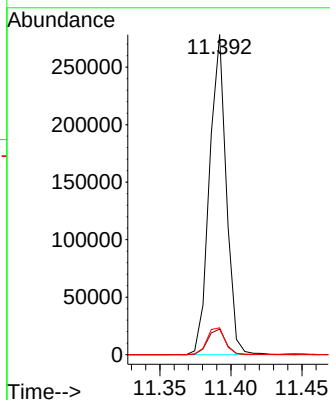
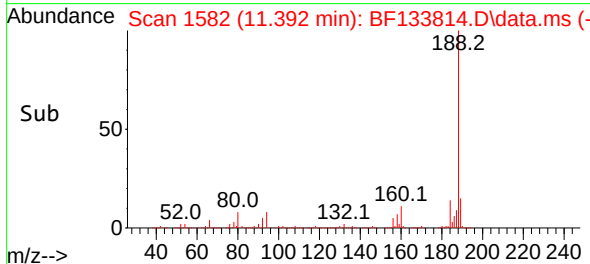
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-03



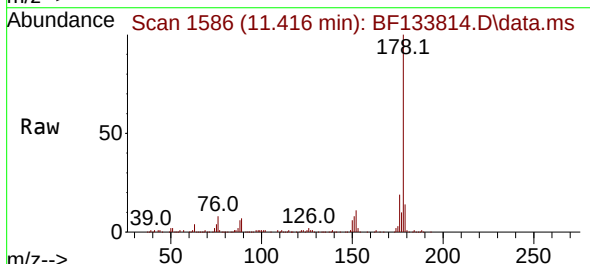
Tgt Ion:188 Resp: 228600
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 8.4 7.8 11.6

Manual Integrations
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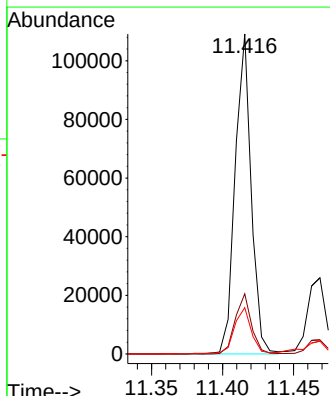
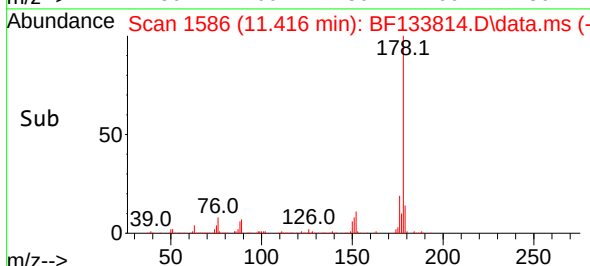
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

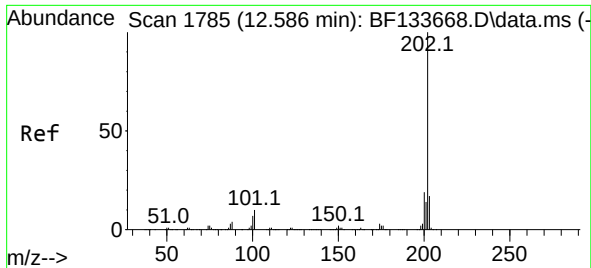


#71
Phenanthrene
Concen: 7.400 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF133814.D
Acq: 16 Jun 2023 19:09



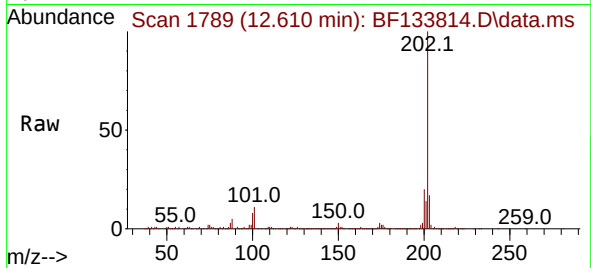
Tgt Ion:178 Resp: 85827
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 14.5 12.4 18.6





#75
Fluoranthene
Concen: 14.556 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133814.D
Acq: 16 Jun 2023 19:09

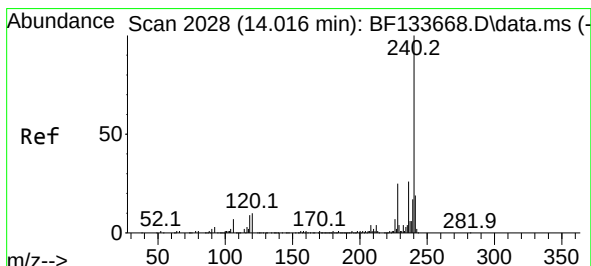
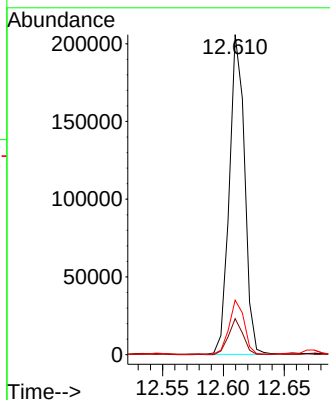
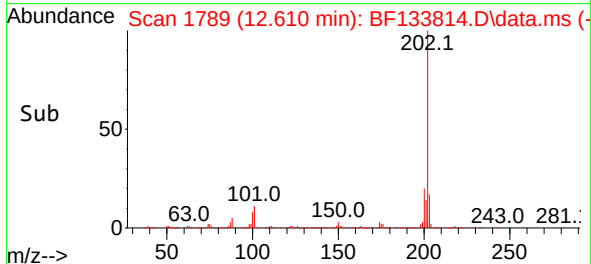
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-03



Tgt Ion:202 Resp: 17927
Ion Ratio Lower Upper
202 100
101 11.3 0.0 29.6
203 17.1 0.0 37.4

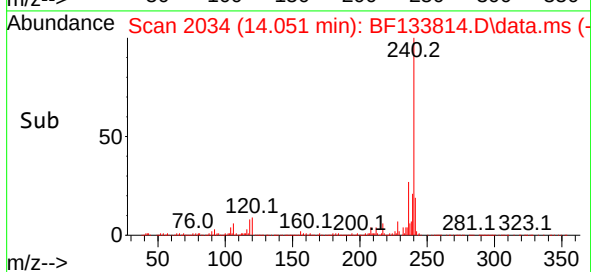
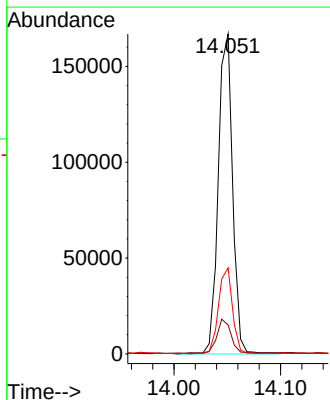
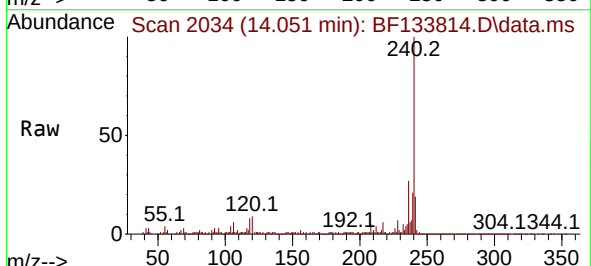
Manual Integrations
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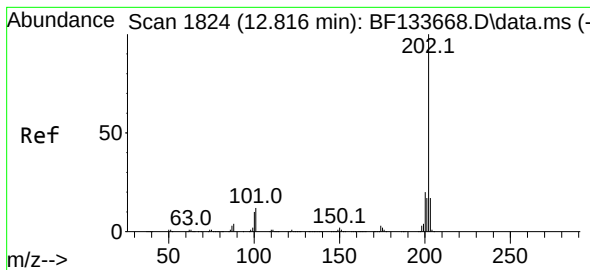
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF133814.D
Acq: 16 Jun 2023 19:09

Tgt Ion:240 Resp: 155524
Ion Ratio Lower Upper
240 100
120 9.1 8.1 12.1
236 26.9 20.5 30.7





#78

Pyrene

Concen: 11.376 ng

RT: 12.839 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF133814.D

Acq: 16 Jun 2023 19:09

Instrument :

BNA_F

ClientSampleId :

COMPOSIT-SB-03

Tgt Ion:202 Resp: 164818

Ion Ratio Lower Upper

202 100

200 19.4 16.2 24.2

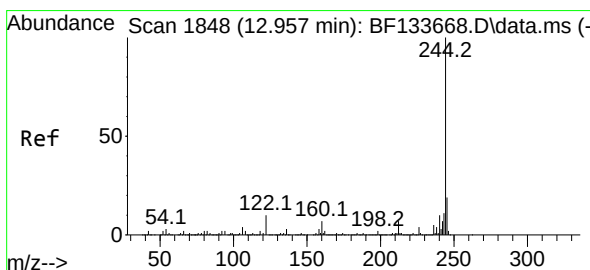
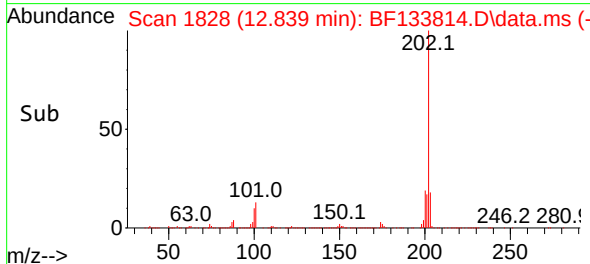
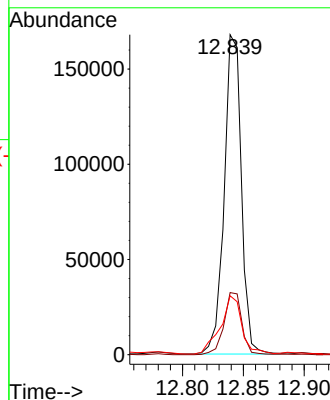
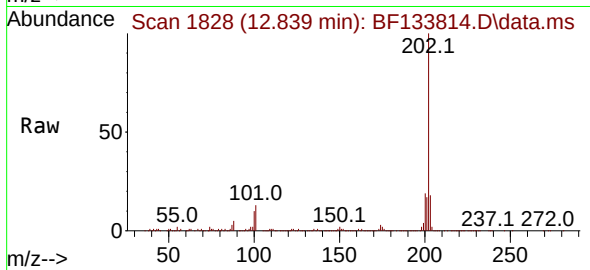
203 18.4 13.9 20.9

Manual Integrations

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Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#79

Terphenyl-d14

Concen: 31.706 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF133814.D

Acq: 16 Jun 2023 19:09

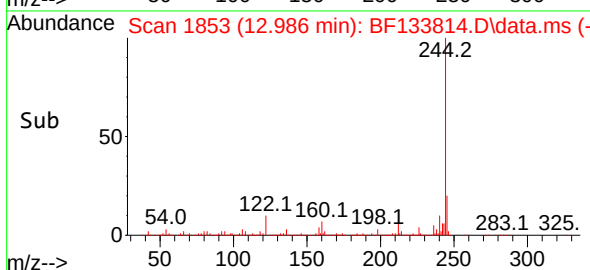
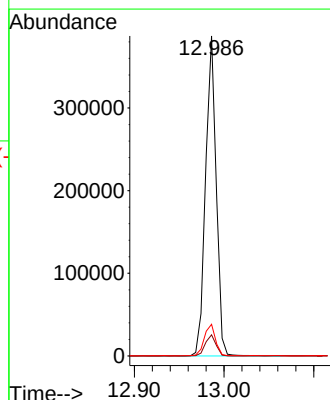
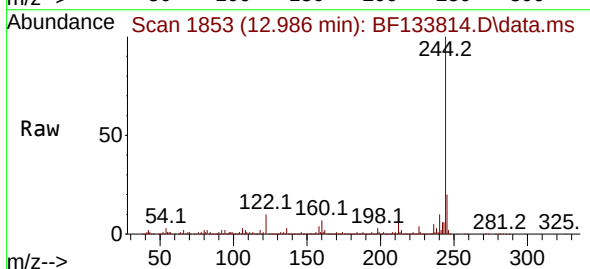
Tgt Ion:244 Resp: 318675

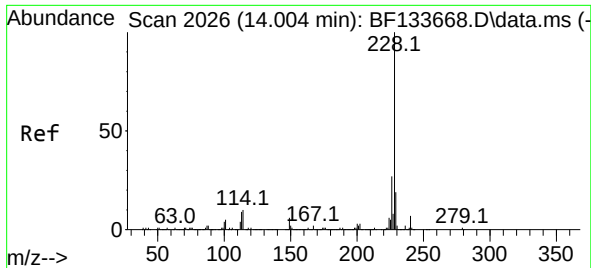
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 9.9 8.1 12.1





#81
Benzo(a)anthracene
Concen: 7.226 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF133814.D
Acq: 16 Jun 2023 19:09

Instrument :

BNA_F

ClientSampleId :

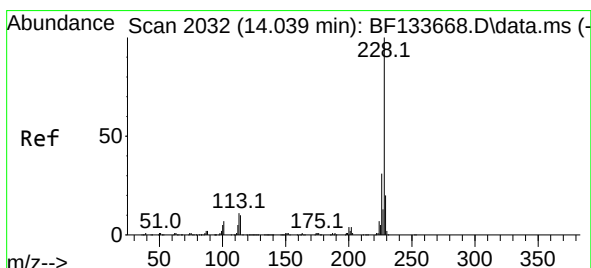
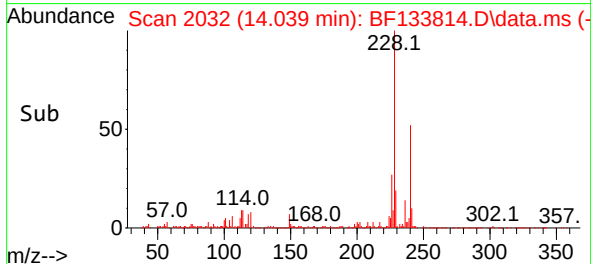
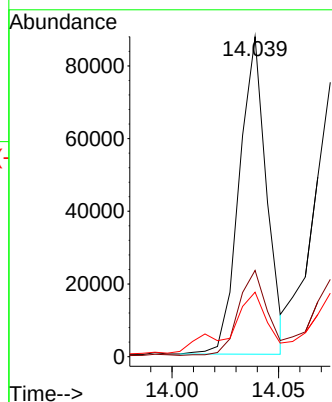
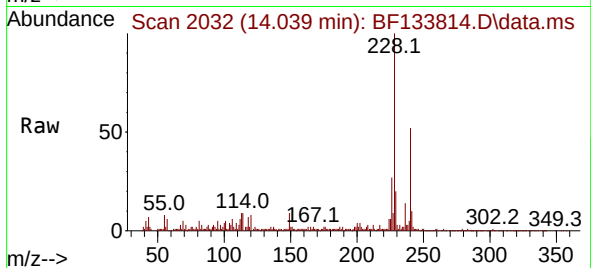
COMPOSIT-SB-03

Tgt Ion:228 Resp: 77730
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 20.1 15.4 23.2

Manual Integrations

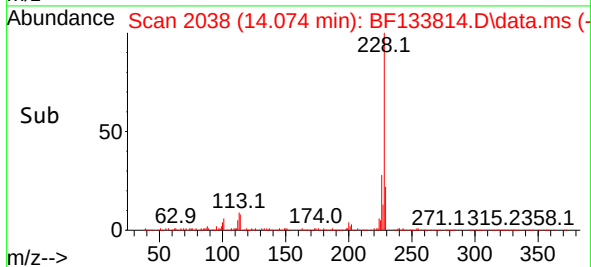
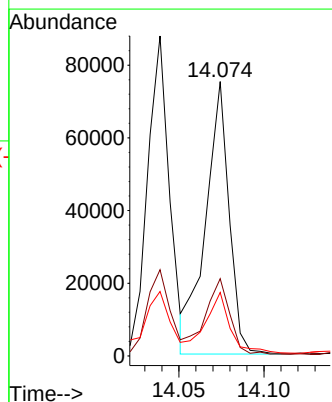
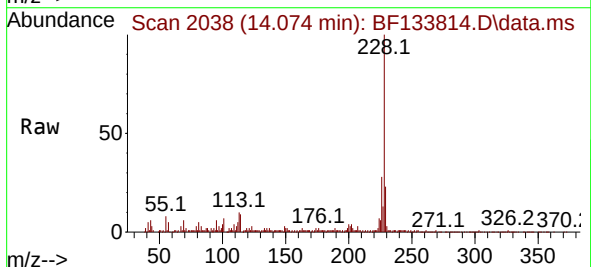
APPROVED

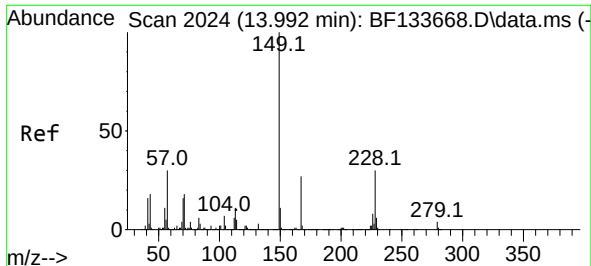
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#83
Chrysene
Concen: 7.087 ng m
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF133814.D
Acq: 16 Jun 2023 19:09

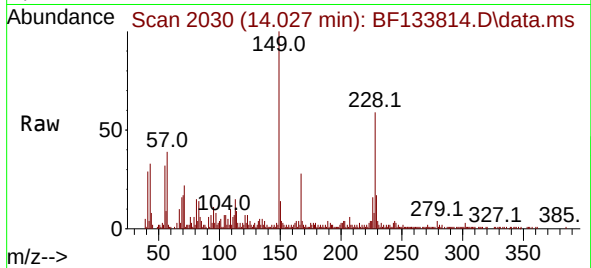
Tgt Ion:228 Resp: 72107
Ion Ratio Lower Upper
228 100
226 28.2 25.0 37.6
229 23.2 15.8 23.8





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.531 ng
RT: 14.027 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF133814.D
Acq: 16 Jun 2023 19:09

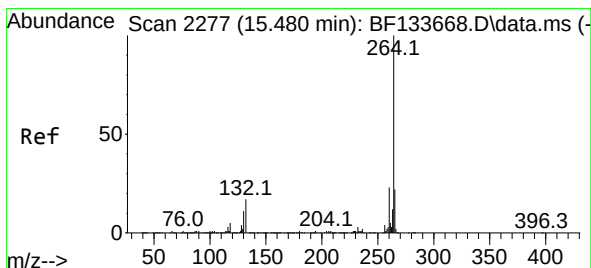
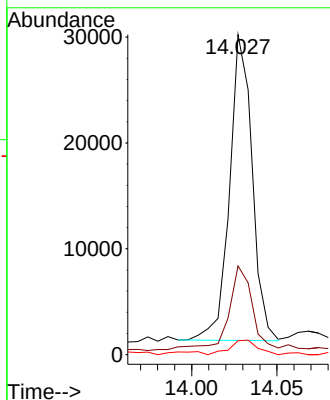
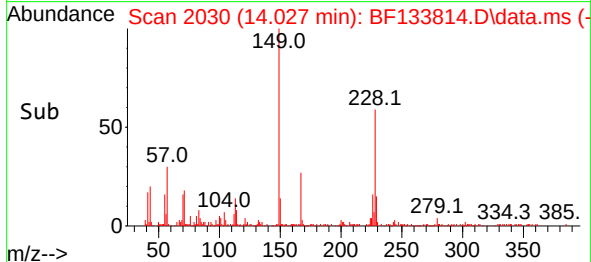
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-03



Tgt Ion:149 Resp: 26594
Ion Ratio Lower Upper
149 100
167 27.7 21.8 32.8
279 4.4 3.3 4.9

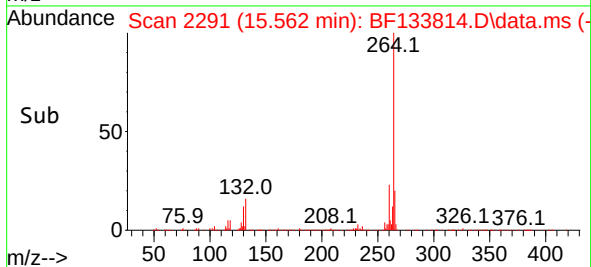
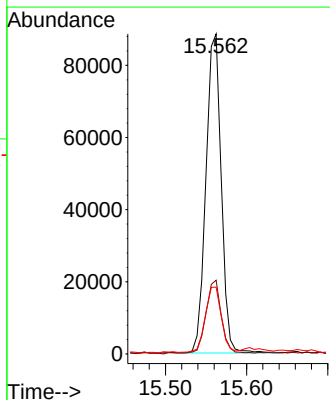
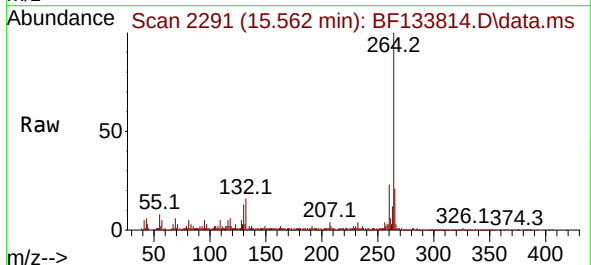
Manual Integrations
APPROVED

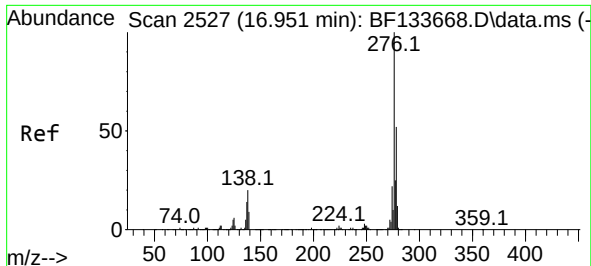
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2291
Delta R.T. -0.000 min
Lab File: BF133814.D
Acq: 16 Jun 2023 19:09

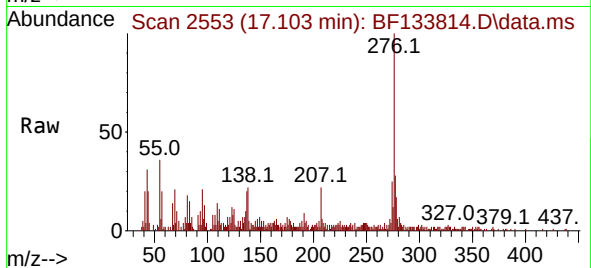
Tgt Ion:264 Resp: 115350
Ion Ratio Lower Upper
264 100
260 23.0 18.2 27.2
265 20.9 17.8 26.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.662 ng
RT: 17.103 min Scan# 2114
Delta R.T. -0.012 min
Lab File: BF133814.D
Acq: 16 Jun 2023 19:09

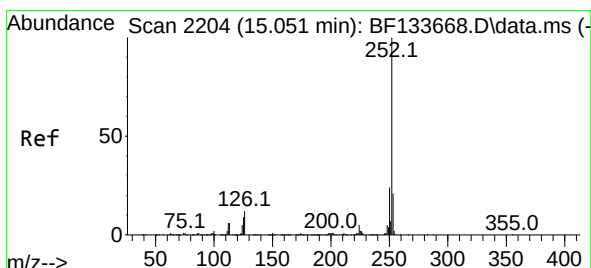
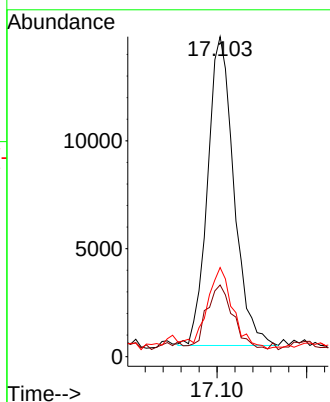
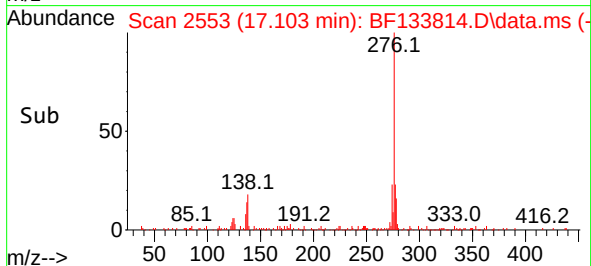
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-03



Tgt Ion: 276 Resp: 29058
Ion Ratio Lower Upper
276 100
138 20.7 17.9 26.9
277 26.0 20.3 30.5

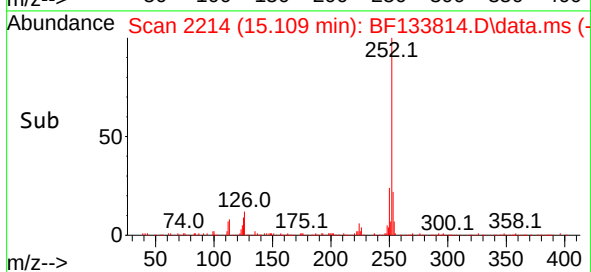
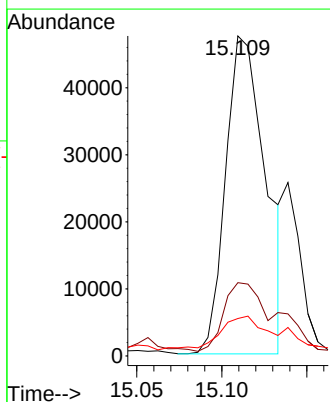
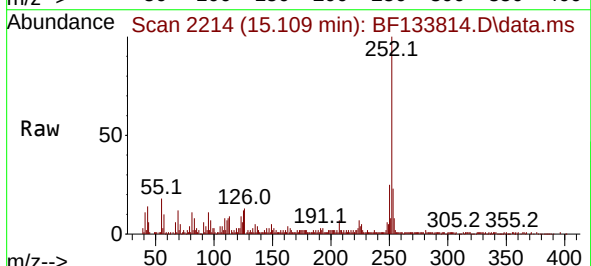
Manual Integrations
APPROVED

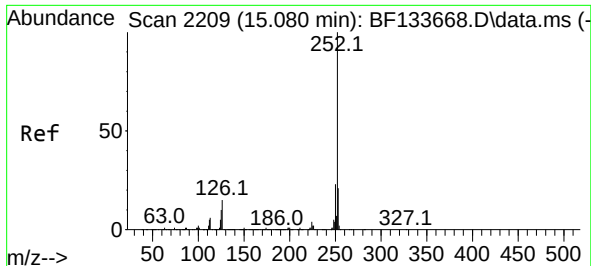
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#88
Benzo(b)fluoranthene
Concen: 11.073 ng m
RT: 15.109 min Scan# 2214
Delta R.T. -0.006 min
Lab File: BF133814.D
Acq: 16 Jun 2023 19:09

Tgt Ion: 252 Resp: 77588
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 11.7 7.3 10.9#





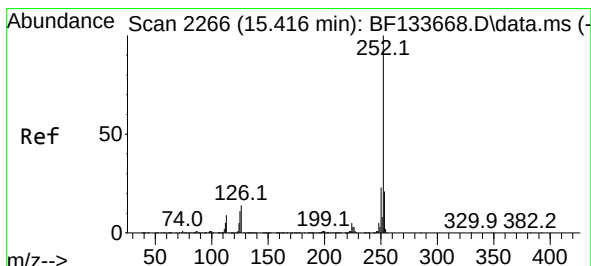
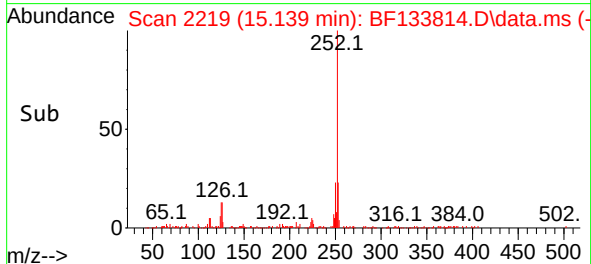
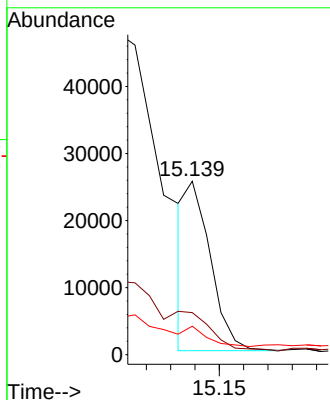
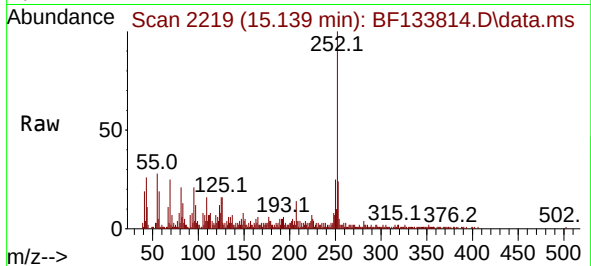
#89
Benzo(k)fluoranthene
Concen: 2.599 ng m
RT: 15.139 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF133814.D
Acq: 16 Jun 2023 19:09

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-03

Tgt Ion:252 Resp: 1774
Ion Ratio Lower Upper
252 100
253 24.2 17.0 25.4
125 16.4 7.8 11.6

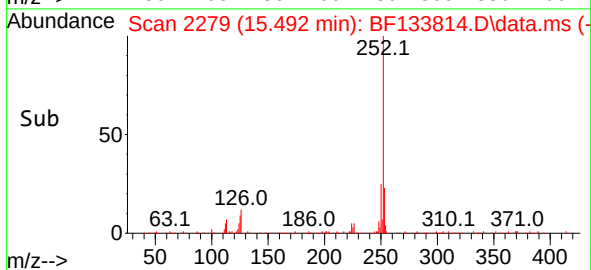
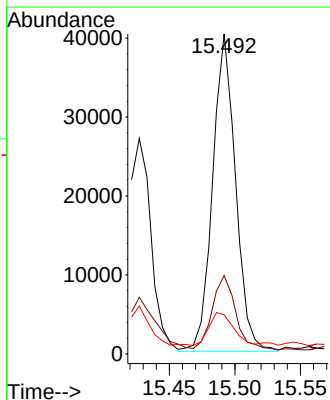
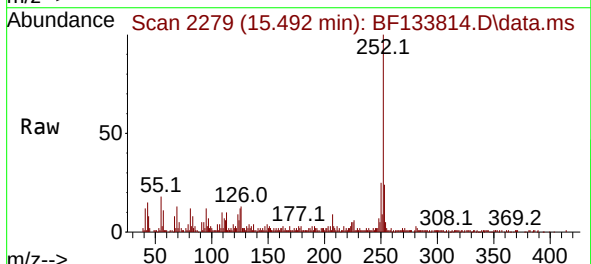
Manual Integrations
APPROVED

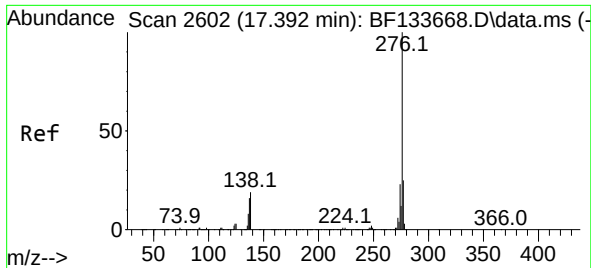
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#90
Benzo(a)pyrene
Concen: 7.494 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF133814.D
Acq: 16 Jun 2023 19:09

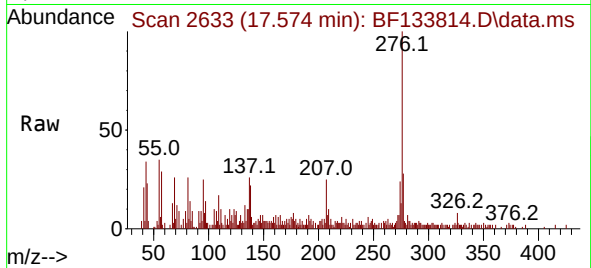
Tgt Ion:252 Resp: 48735
Ion Ratio Lower Upper
252 100
253 24.5 17.1 25.7
125 12.3 8.6 13.0





#92
Benzo(g,h,i)perylene
Concen: 4.638 ng
RT: 17.574 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF133814.D
Acq: 16 Jun 2023 19:09

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-03



Tgt Ion:276 Resp: 30214
Ion Ratio Lower Upper
276 100
277 28.3 19.8 29.8
138 21.5 15.0 22.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

