

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062023\
 Data File : BF133857.D
 Acq On : 20 Jun 2023 15:34
 Operator : CG\JU
 Sample : 03223-13 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSIT-SB-11

Quant Time: Jun 21 00:12:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 13:43:46 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/21/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	87726	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	321477	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	137714	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	226079	20.000	ng	0.00
76) Chrysene-d12	14.045	240	181233	20.000	ng	0.00
86) Perylene-d12	15.551	264	136061	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	278840	55.335	ng	0.00
7) Phenol-d6	6.492	99	325945	49.693	ng	0.00
23) Nitrobenzene-d5	7.416	82	217656	36.877	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	75707	43.430	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	420558	43.411	ng	0.00
79) Terphenyl-d14	12.980	244	372411	31.796	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.410	178	65842	5.740	ng	99
75) Fluoranthene	12.604	202	135002	11.083	ng	98
78) Pyrene	12.839	202	128513	7.612	ng	98
81) Benzo(a)anthracene	14.033	228	77247	6.162	ng	97
83) Chrysene	14.068	228	68299	5.760	ng	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	26366	2.817	ng	96
88) Benzo(b)fluoranthene	15.104	252	79894m	9.666	ng	
89) Benzo(k)fluoranthene	15.133	252	21164m	2.629	ng	
90) Benzo(a)pyrene	15.486	252	47224	6.156	ng	95
92) Benzo(g,h,i)perylene	17.562	276	31036	4.039	ng	93

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

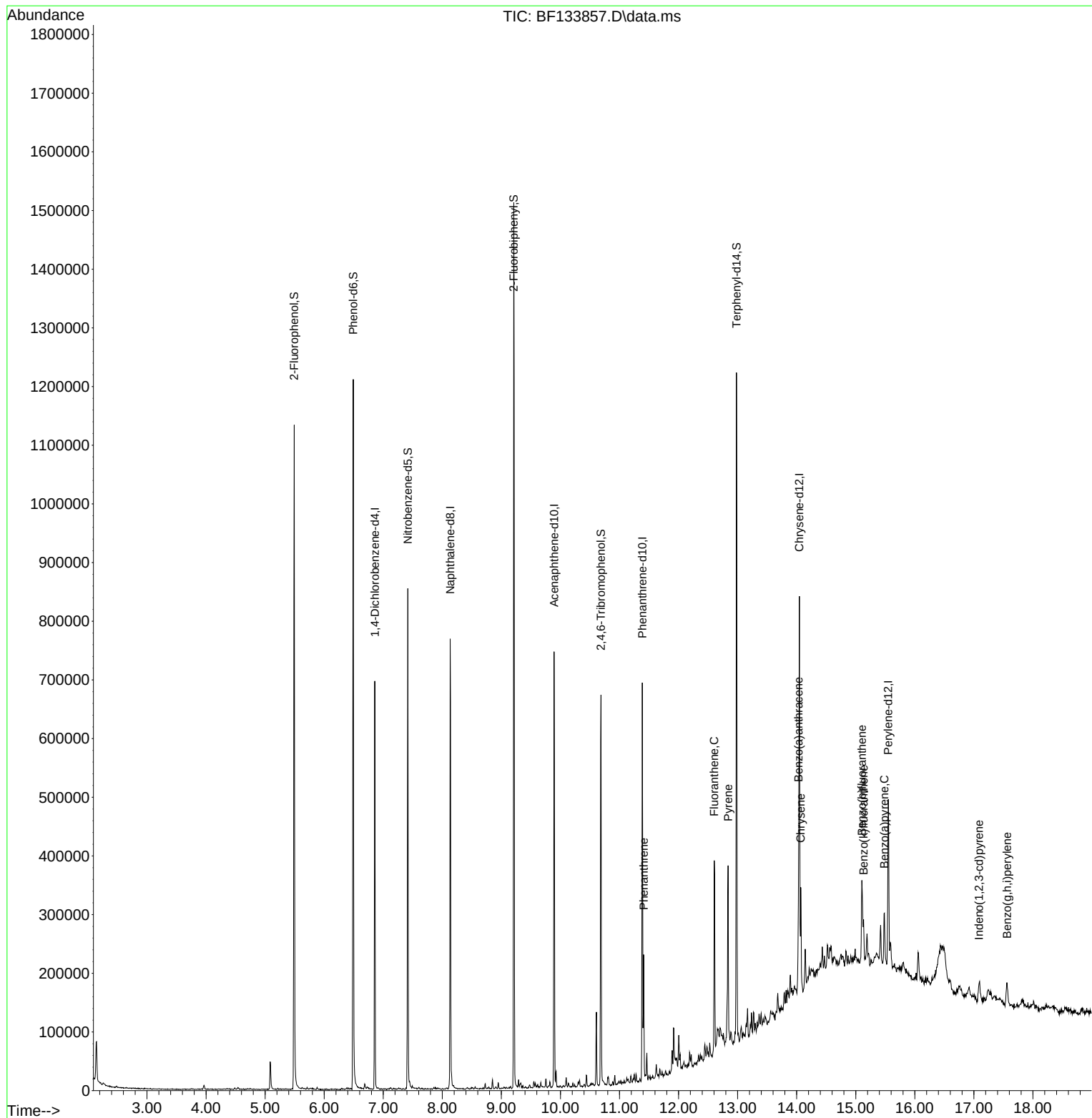
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062023\
Data File : BF133857.D
Acq On : 20 Jun 2023 15:34
Operator : CG\JU
Sample : 03223-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

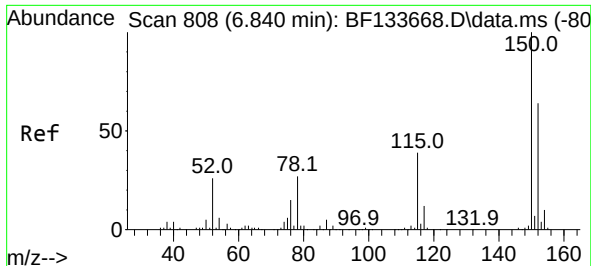
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-11

Quant Time: Jun 21 00:12:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 13:43:46 2023
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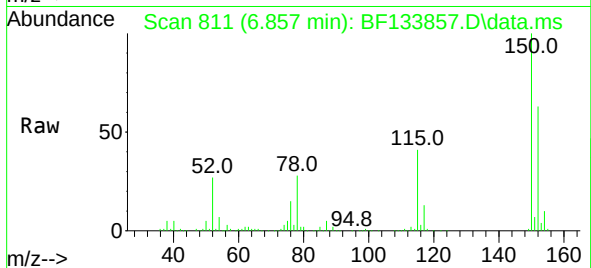
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133857.D
Acq: 20 Jun 2023 15:34

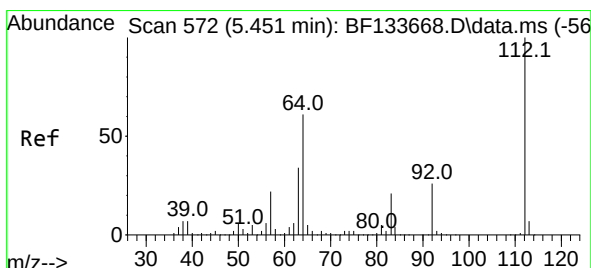
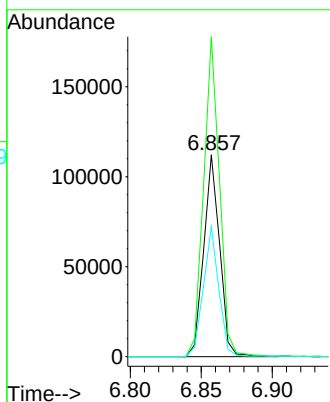
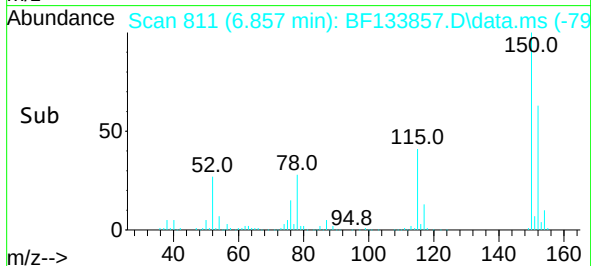
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BNA_F
ClientSampleId :
COMPOSIT-SB-11



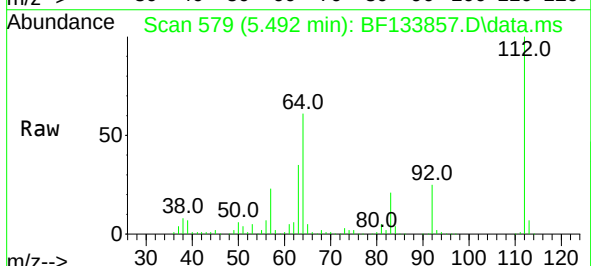
Tgt Ion:152 Resp: 87720
Ion Ratio Lower Upper
152 100
150 158.4 124.3 186.5
115 64.4 48.5 72.7

Manual Integrations
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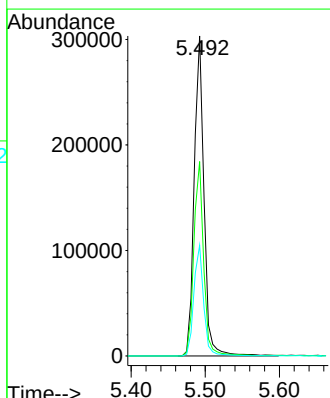
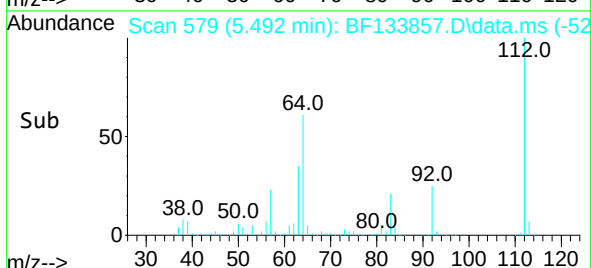
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

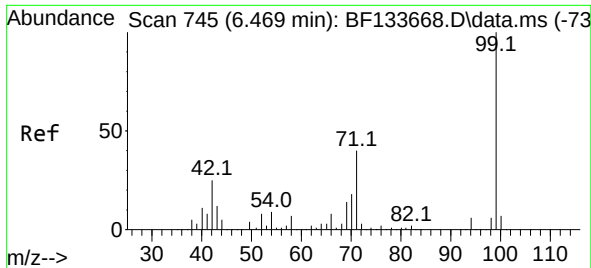


#5
2-Fluorophenol
Concen: 55.335 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF133857.D
Acq: 20 Jun 2023 15:34



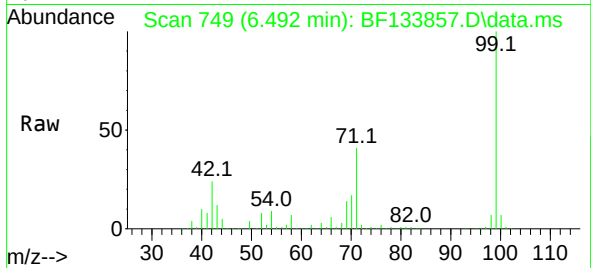
Tgt Ion:112 Resp: 278840
Ion Ratio Lower Upper
112 100
64 60.7 49.0 73.4
63 34.6 26.8 40.2





#7
Phenol-d6
Concen: 49.693 ng
RT: 6.492 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF133857.D
Acq: 20 Jun 2023 15:34

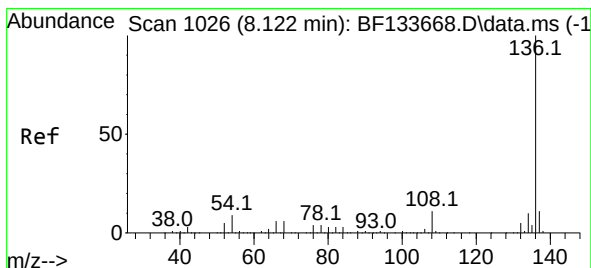
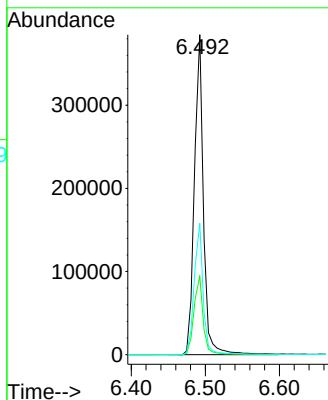
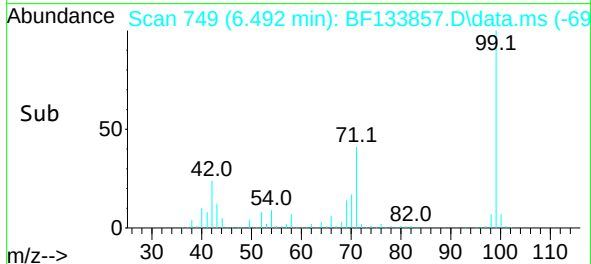
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-11



Tgt Ion: 99 Resp: 325945
Ion Ratio Lower Upper
99 100
42 24.5 19.9 29.9
71 41.0 32.2 48.4

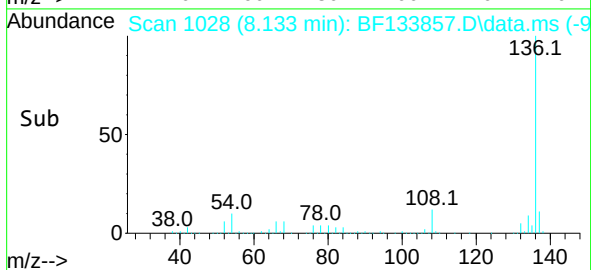
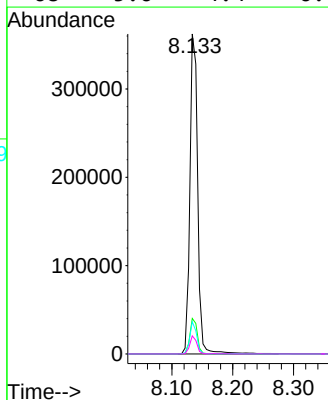
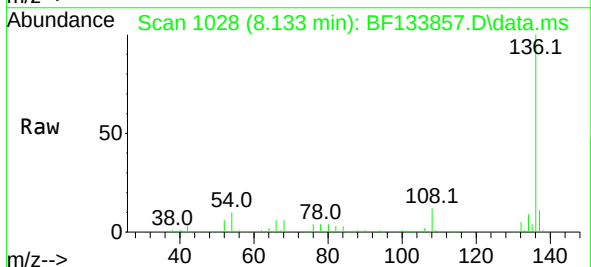
Manual Integrations
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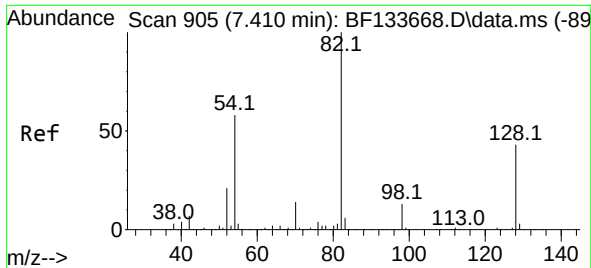
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF133857.D
Acq: 20 Jun 2023 15:34

Tgt Ion:136 Resp: 321477
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.1 7.4 11.0
68 5.6 4.4 6.6





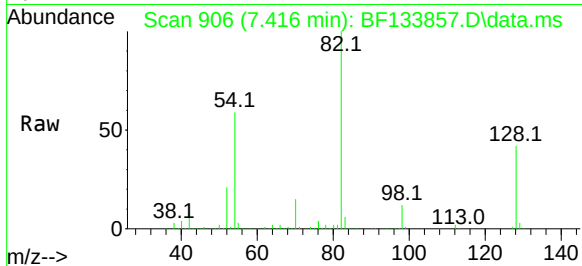
#23
Nitrobenzene-d5
Concen: 36.877 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF133857.D
Acq: 20 Jun 2023 15:34

Instrument :

BNA_F

ClientSampleId :

COMPOSIT-SB-11

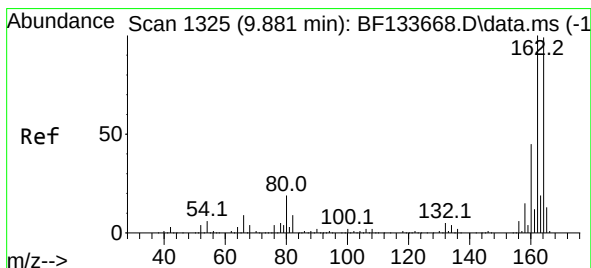
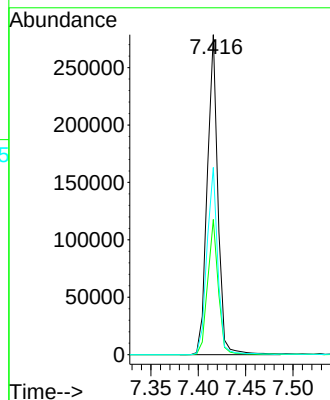
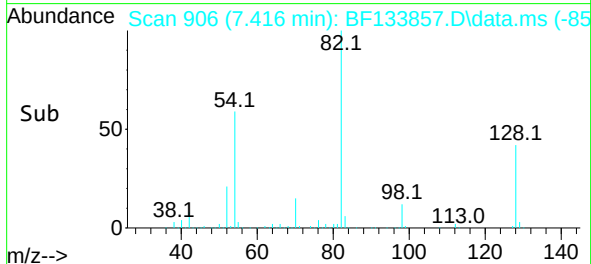


Tgt Ion: 82 Resp: 217650
Ion Ratio Lower Upper
82 100
128 42.2 34.2 51.2
54 58.5 46.5 69.7

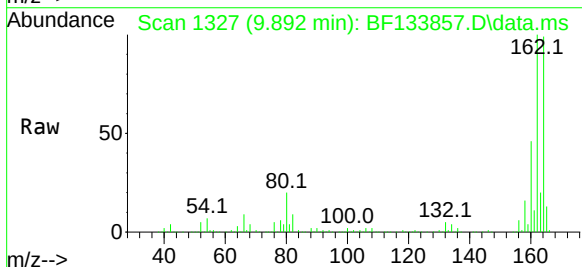
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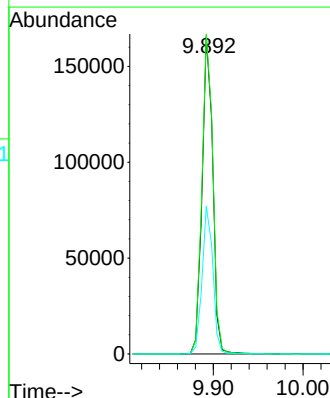
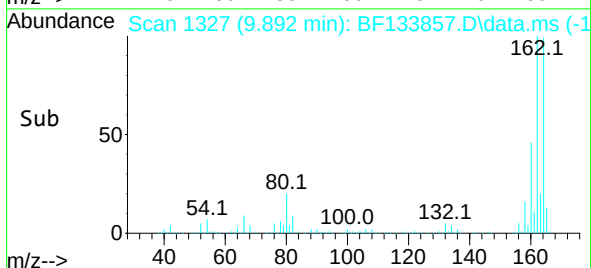
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

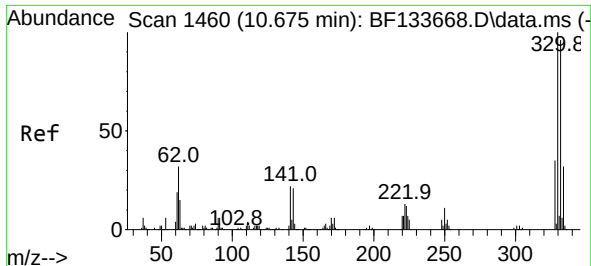


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF133857.D
Acq: 20 Jun 2023 15:34



Tgt Ion:164 Resp: 137714
Ion Ratio Lower Upper
164 100
162 100.7 80.8 121.2
160 46.5 36.7 55.1





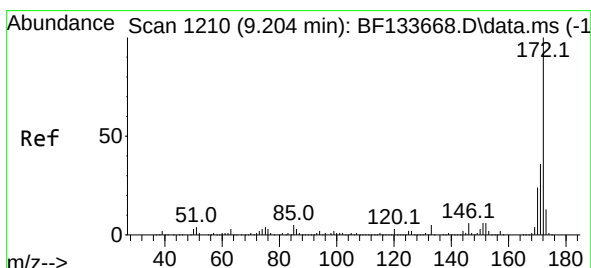
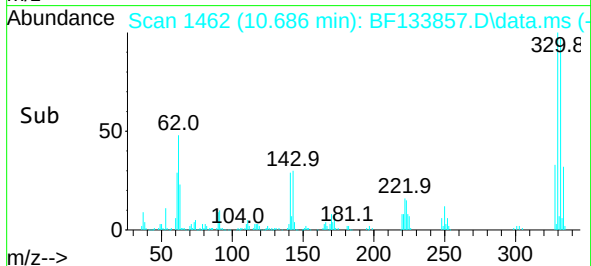
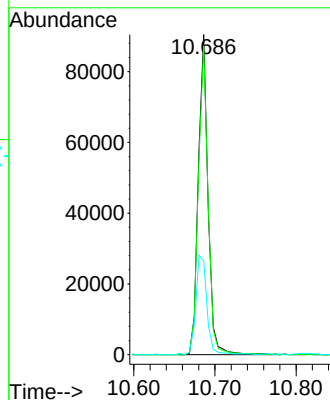
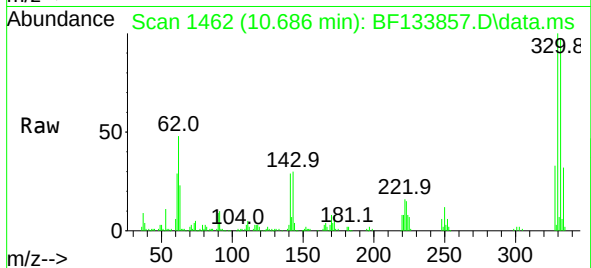
#42
2,4,6-Tribromophenol
Concen: 43.430 ng
RT: 10.686 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF133857.D
Acq: 20 Jun 2023 15:34

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-11

Tgt Ion: 330 Resp: 7570
Ion Ratio Lower Upper
330 100
332 96.8 77.2 115.8
141 35.5 24.9 37.3

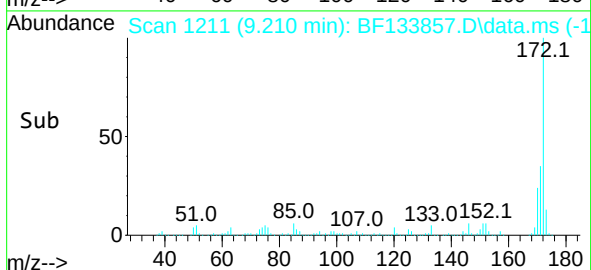
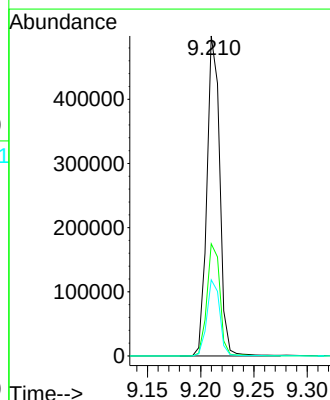
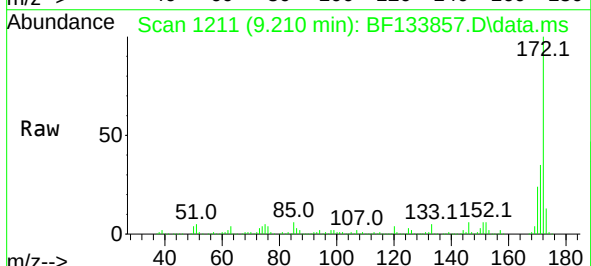
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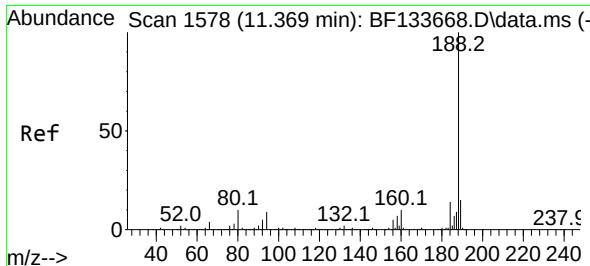
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#45
2-Fluorobiphenyl
Concen: 43.411 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF133857.D
Acq: 20 Jun 2023 15:34

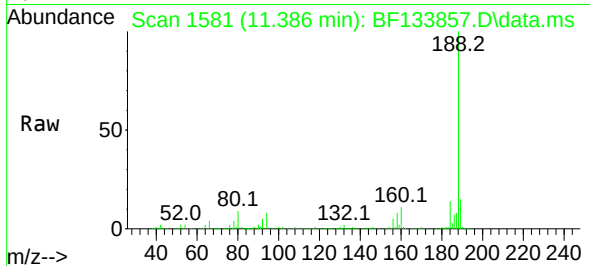
Tgt Ion: 172 Resp: 420558
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.8 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF133857.D
Acq: 20 Jun 2023 15:34

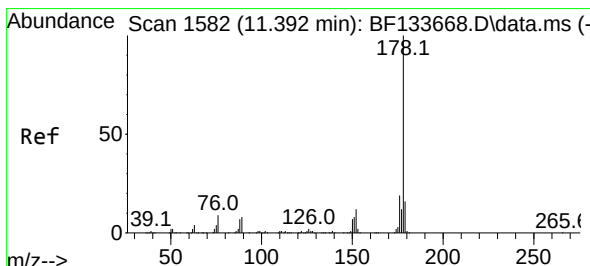
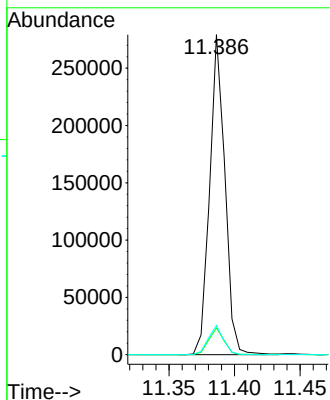
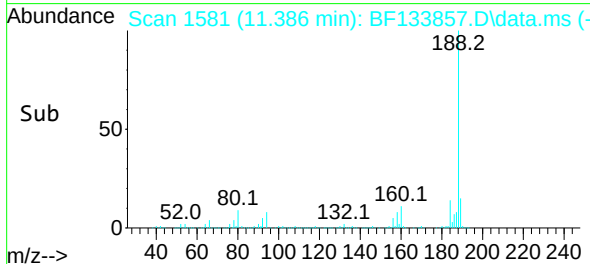
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-11



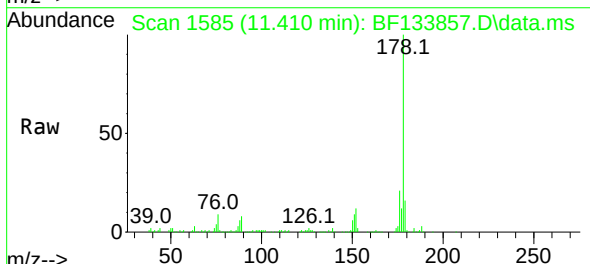
Tgt Ion:188 Resp: 226079
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 9.1 7.8 11.6

Manual Integrations
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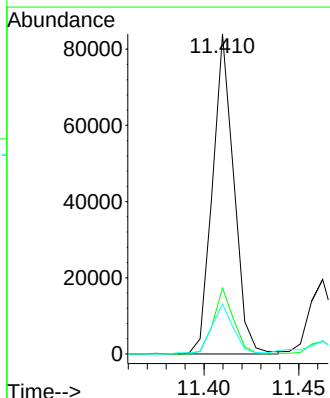
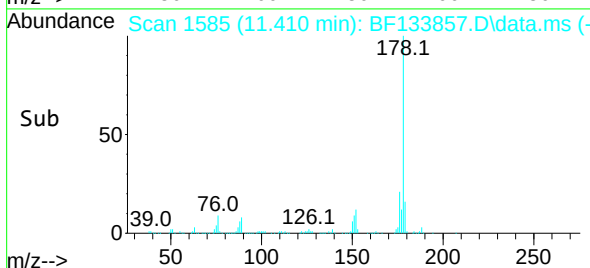
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

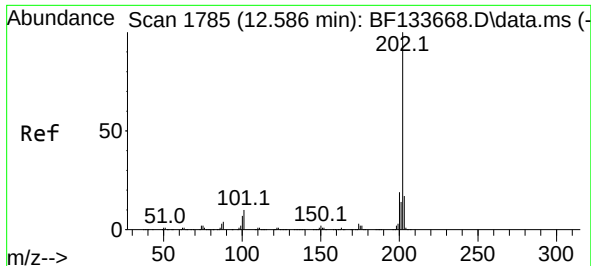


#71
Phenanthrene
Concen: 5.740 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF133857.D
Acq: 20 Jun 2023 15:34



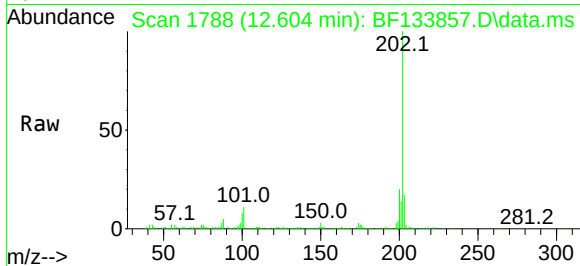
Tgt Ion:178 Resp: 65842
Ion Ratio Lower Upper
178 100
176 20.6 15.6 23.4
179 15.6 12.4 18.6





#75
Fluoranthene
Concen: 11.083 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133857.D
Acq: 20 Jun 2023 15:34

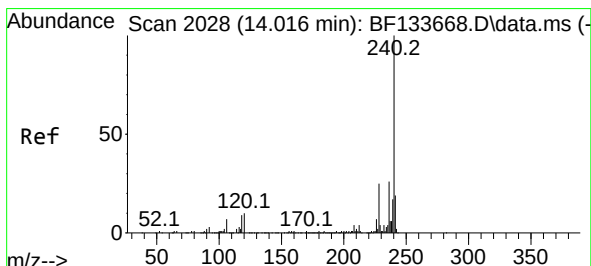
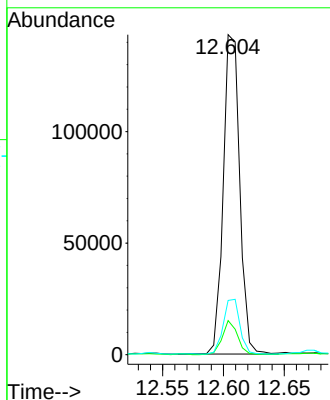
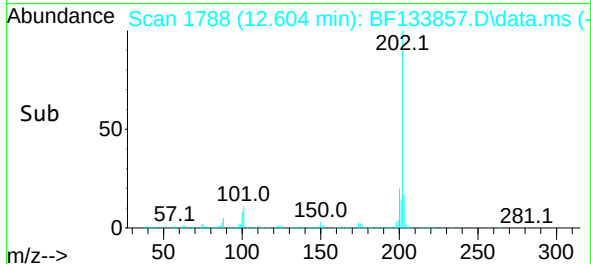
Instrument :
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COMPOSIT-SB-11



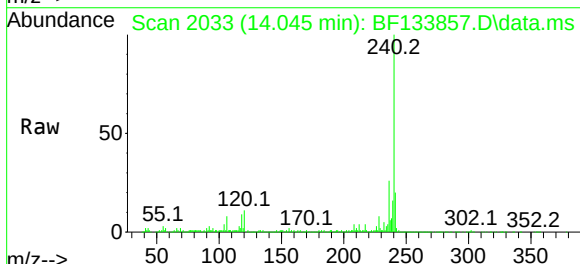
Tgt Ion:202 Resp: 13500
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.6
203 17.0 0.0 37.4

Manual Integrations
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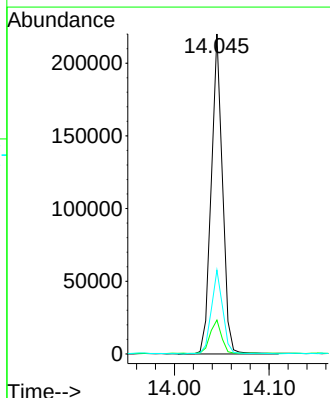
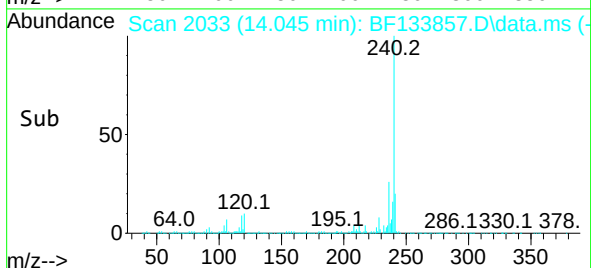
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

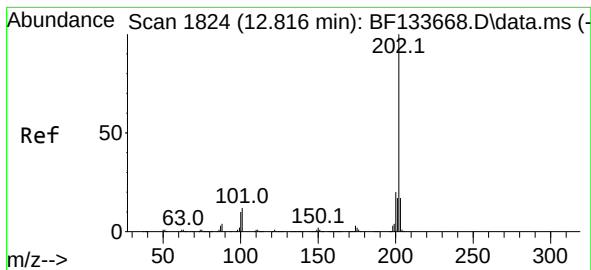


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF133857.D
Acq: 20 Jun 2023 15:34



Tgt Ion:240 Resp: 181233
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 26.2 20.5 30.7





#78

Pyrene

Concen: 7.612 ng

RT: 12.839 min Scan# 1824

Delta R.T. -0.000 min

Lab File: BF133857.D

Acq: 20 Jun 2023 15:34

Instrument :

BNA_F

ClientSampleId :

COMPOSIT-SB-11

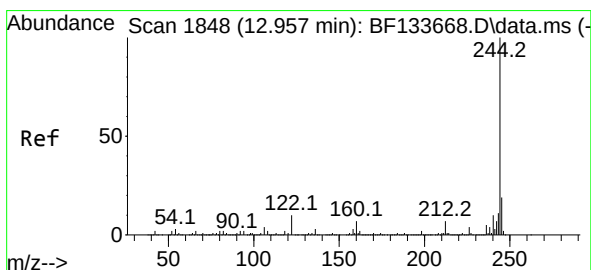
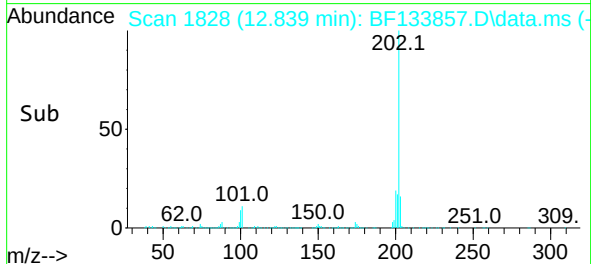
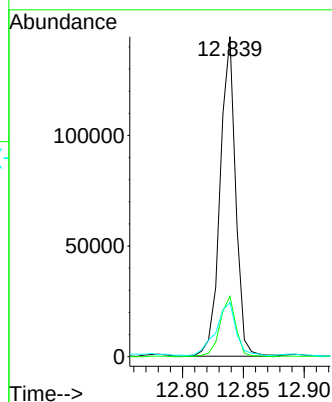
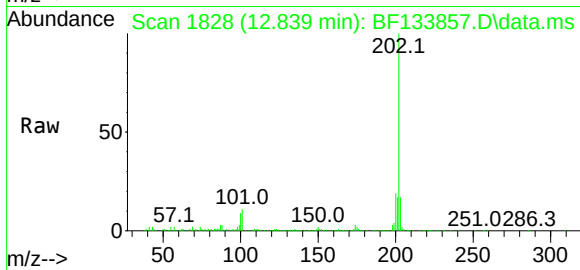
Tgt Ion:202 Resp: 128511
 Ion Ratio Lower Upper
 202 100
 200 18.9 16.2 24.2
 203 16.9 13.9 20.9

Manual Integrations

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Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#79

Terphenyl-d14

Concen: 31.796 ng

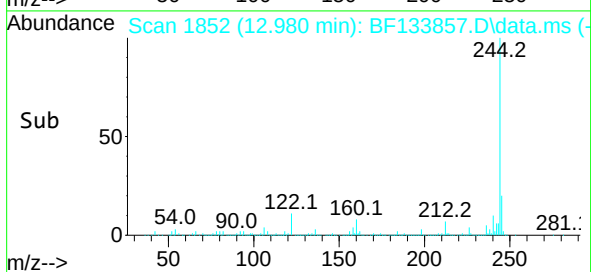
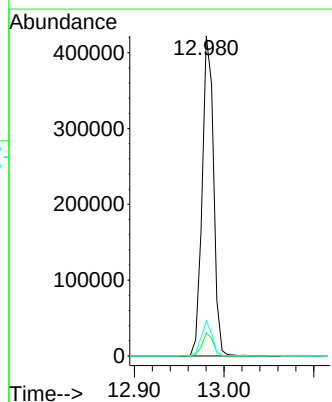
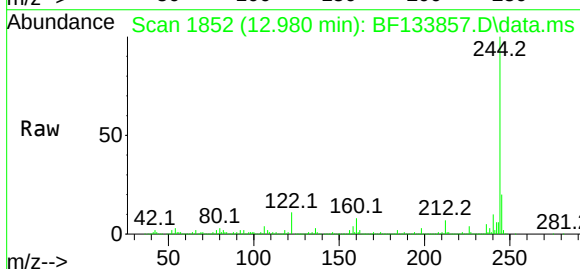
RT: 12.980 min Scan# 1852

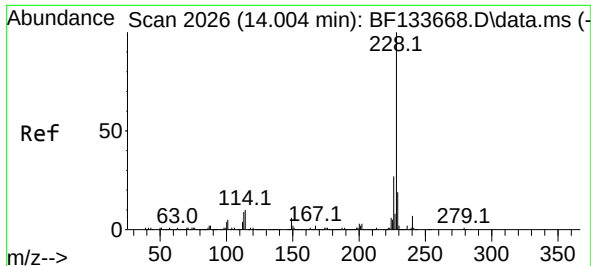
Delta R.T. -0.006 min

Lab File: BF133857.D

Acq: 20 Jun 2023 15:34

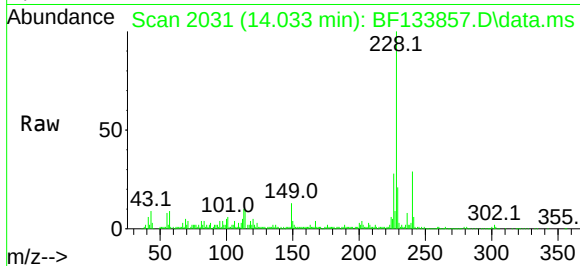
Tgt Ion:244 Resp: 372411
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 11.1 8.1 12.1





#81
Benzo(a)anthracene
Concen: 6.162 ng
RT: 14.033 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF133857.D
Acq: 20 Jun 2023 15:34

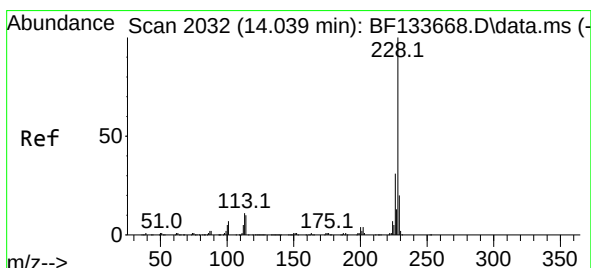
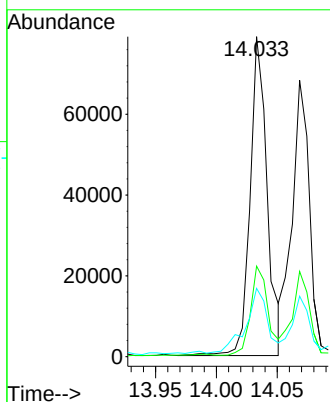
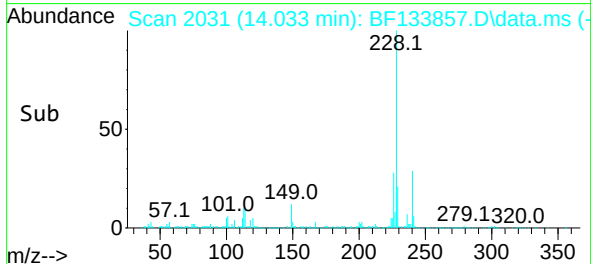
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-11



Tgt Ion:228 Resp: 7724
Ion Ratio Lower Upper
228 100
226 28.3 21.7 32.5
229 21.3 15.4 23.2

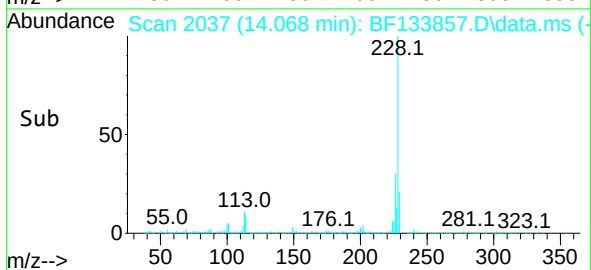
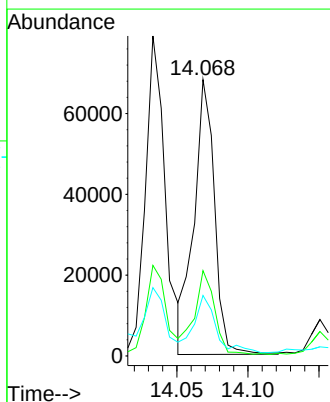
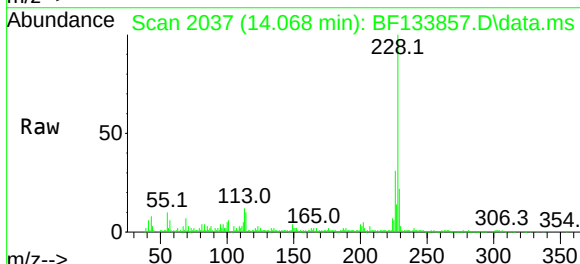
Manual Integrations
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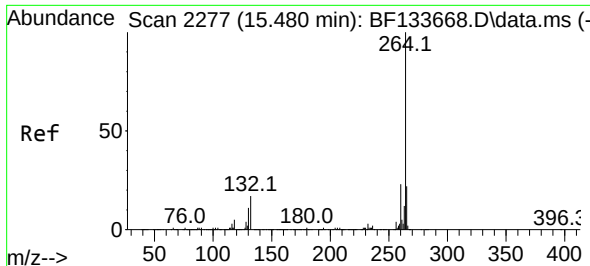
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#83
Chrysene
Concen: 5.760 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF133857.D
Acq: 20 Jun 2023 15:34

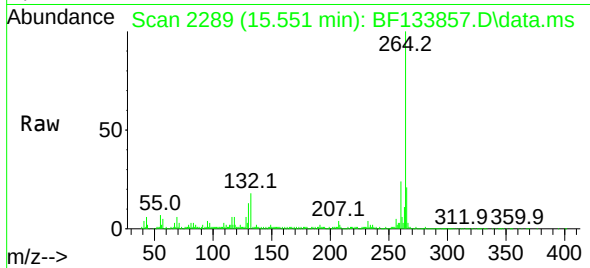
Tgt Ion:228 Resp: 68299
Ion Ratio Lower Upper
228 100
226 30.9 25.0 37.6
229 21.9 15.8 23.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133857.D
Acq: 20 Jun 2023 15:34

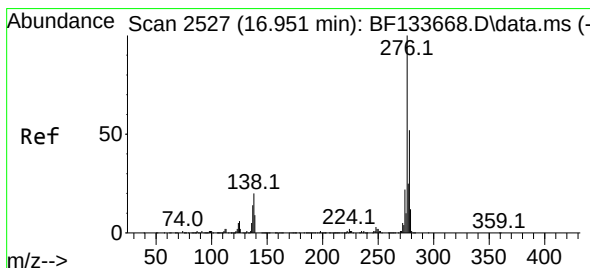
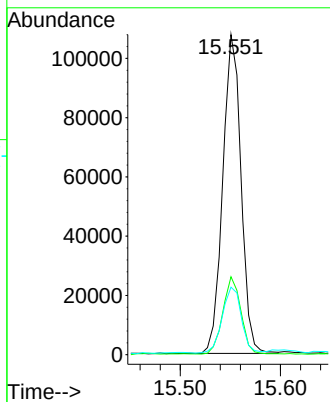
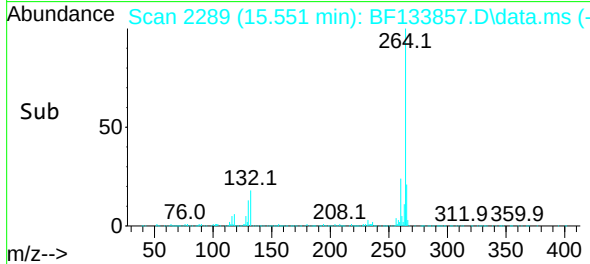
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-11



Tgt Ion:264 Resp: 13606
Ion Ratio Lower Upper
264 100
260 24.3 18.2 27.2
265 21.1 17.8 26.6

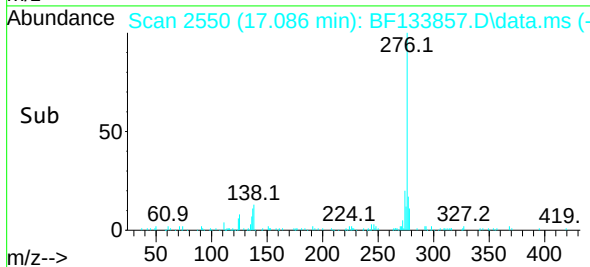
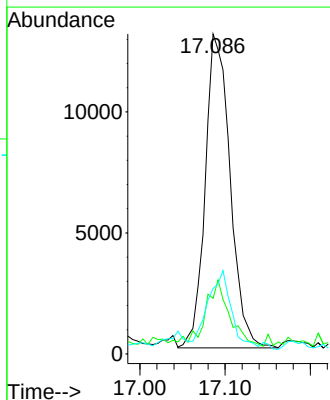
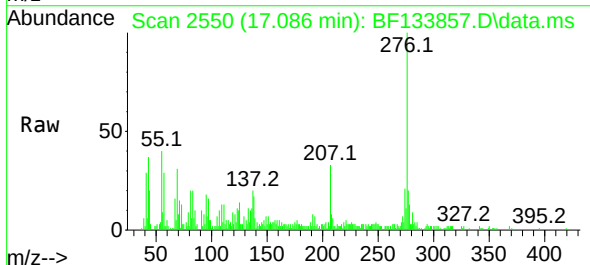
Manual Integrations
APPROVED

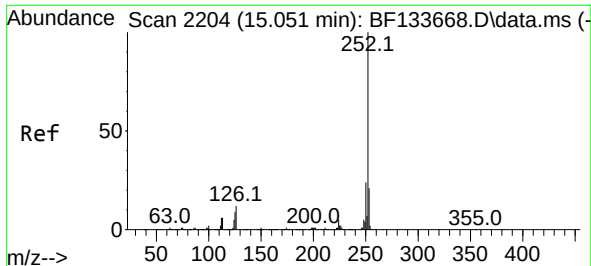
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.817 ng
RT: 17.086 min Scan# 2550
Delta R.T. -0.012 min
Lab File: BF133857.D
Acq: 20 Jun 2023 15:34

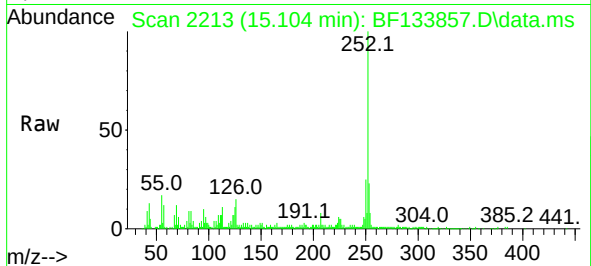
Tgt Ion:276 Resp: 26366
Ion Ratio Lower Upper
276 100
138 20.5 17.9 26.9
277 23.0 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 9.666 ng m
RT: 15.104 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BF133857.D
Acq: 20 Jun 2023 15:34

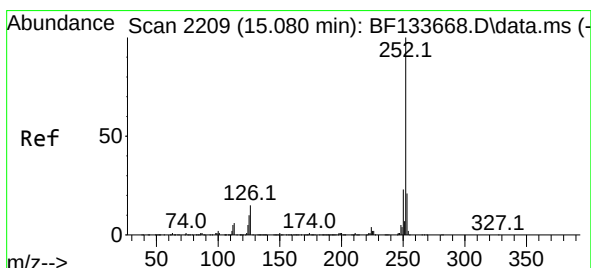
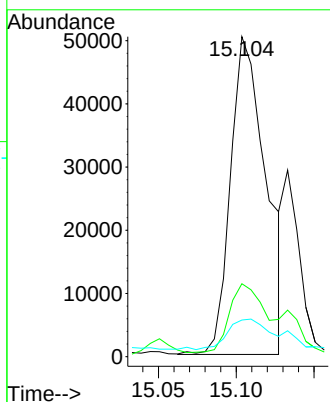
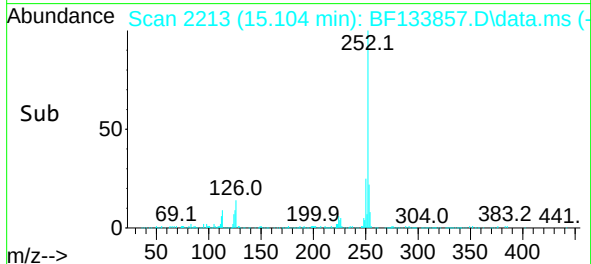
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-11



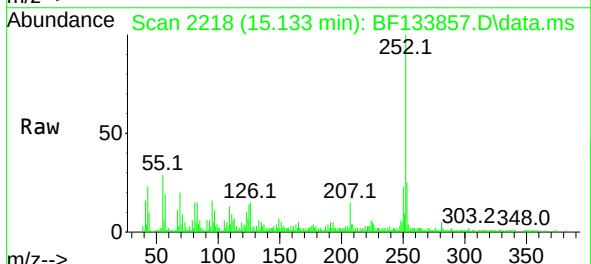
Tgt Ion:252 Resp: 79894
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 11.4 7.3 10.9

Manual Integrations
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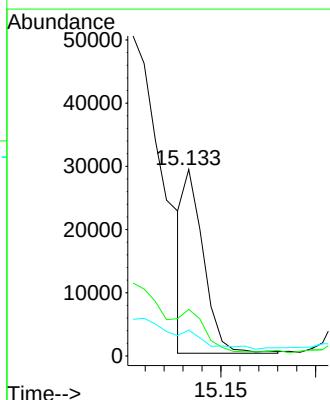
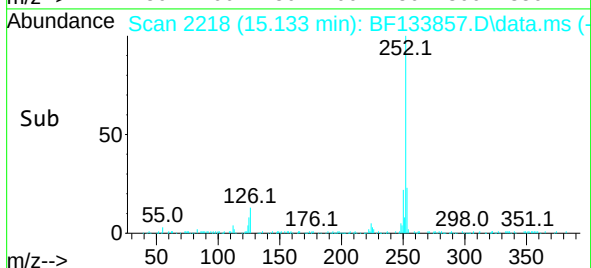
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

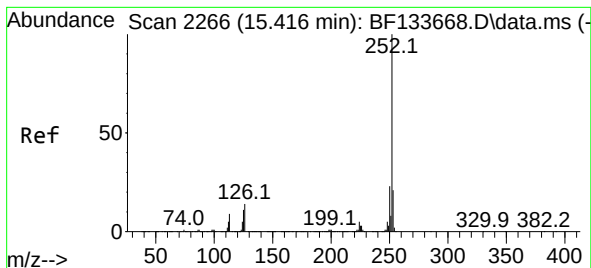


#89
Benzo(k)fluoranthene
Concen: 2.629 ng m
RT: 15.133 min Scan# 2218
Delta R.T. -0.000 min
Lab File: BF133857.D
Acq: 20 Jun 2023 15:34



Tgt Ion:252 Resp: 21164
Ion Ratio Lower Upper
252 100
253 24.9 17.0 25.4
125 13.9 7.8 11.6





#90

Benzo(a)pyrene

Concen: 6.156 ng

RT: 15.486 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133857.D

Acq: 20 Jun 2023 15:34

Instrument :

BNA_F

ClientSampleId :

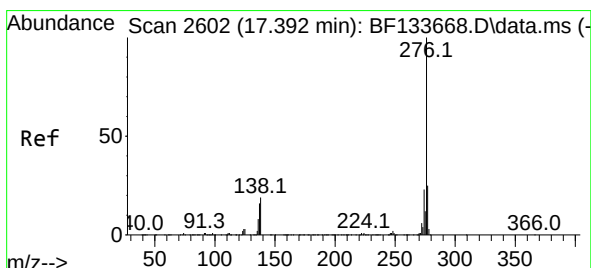
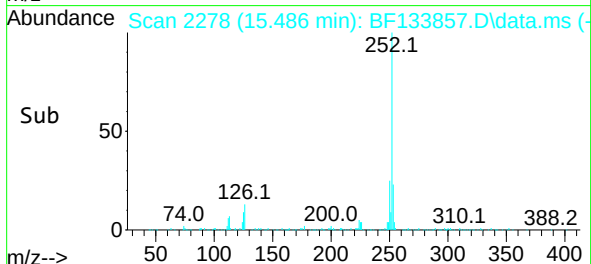
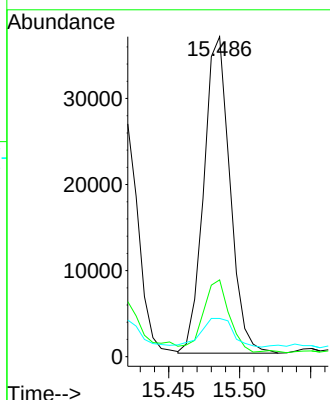
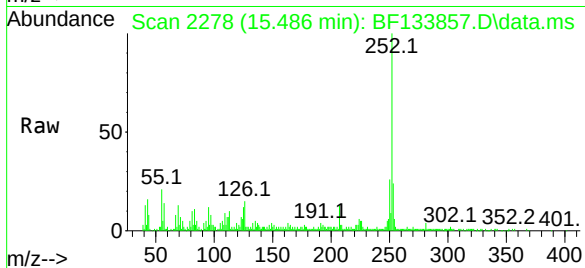
COMPOSIT-SB-11

Tgt Ion:252 Resp: 47224
 Ion Ratio Lower Upper
 252 100
 253 24.0 17.1 25.7
 125 12.0 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/21/2023



#92

Benzo(g,h,i)perylene

Concen: 4.039 ng

RT: 17.562 min Scan# 2631

Delta R.T. -0.012 min

Lab File: BF133857.D

Acq: 20 Jun 2023 15:34

Tgt Ion:276 Resp: 31036
 Ion Ratio Lower Upper
 276 100
 277 20.7 19.8 29.8
 138 21.0 15.0 22.4

