

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062323\
 Data File : BF133947.D
 Acq On : 23 Jun 2023 17:21
 Operator : CG\JU
 Sample : 03331-26 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSTIE-SB18-27

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 23 18:38:38 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 23 02:21:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	103580	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	367099	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	154081	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	276451	20.000	ng	0.00
76) Chrysene-d12	14.057	240	183019	20.000	ng	0.00
86) Perylene-d12	15.568	264	154163	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	279338	46.949	ng	0.00
7) Phenol-d6	6.492	99	335547	43.326	ng	0.00
23) Nitrobenzene-d5	7.416	82	204708	30.373	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	70705	36.252	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	396994	36.626	ng	0.00
79) Terphenyl-d14	12.992	244	383716	32.442	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	9.933	154	22141	2.438	ng	98
58) Fluorene	10.451	166	25647	2.420	ng	94
71) Phenanthrene	11.421	178	388338	27.688	ng	100
72) Anthracene	11.469	178	101854	6.965	ng	98
73) Carbazole	11.627	167	41070	3.015	ng	98
75) Fluoranthene	12.616	202	754210	50.637	ng	97
78) Pyrene	12.851	202	654719	38.402	ng	100
81) Benzo(a)anthracene	14.045	228	325536	25.715	ng	97
83) Chrysene	14.080	228	269120	22.476	ng	97
84) Bis(2-ethylhexyl)phtha...	14.033	149	22576	2.547	ng	97
87) Indeno(1,2,3-cd)pyrene	17.115	276	116772	11.010	ng	98
88) Benzo(b)fluoranthene	15.121	252	294567m	31.455	ng	
89) Benzo(k)fluoranthene	15.145	252	88868m	9.742	ng	
90) Benzo(a)pyrene	15.504	252	209397	24.093	ng	96
91) Dibenzo(a,h)anthracene	17.127	278	27733	3.158	ng	# 80
92) Benzo(g,h,i)perylene	17.598	276	96884	11.129	ng	97

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

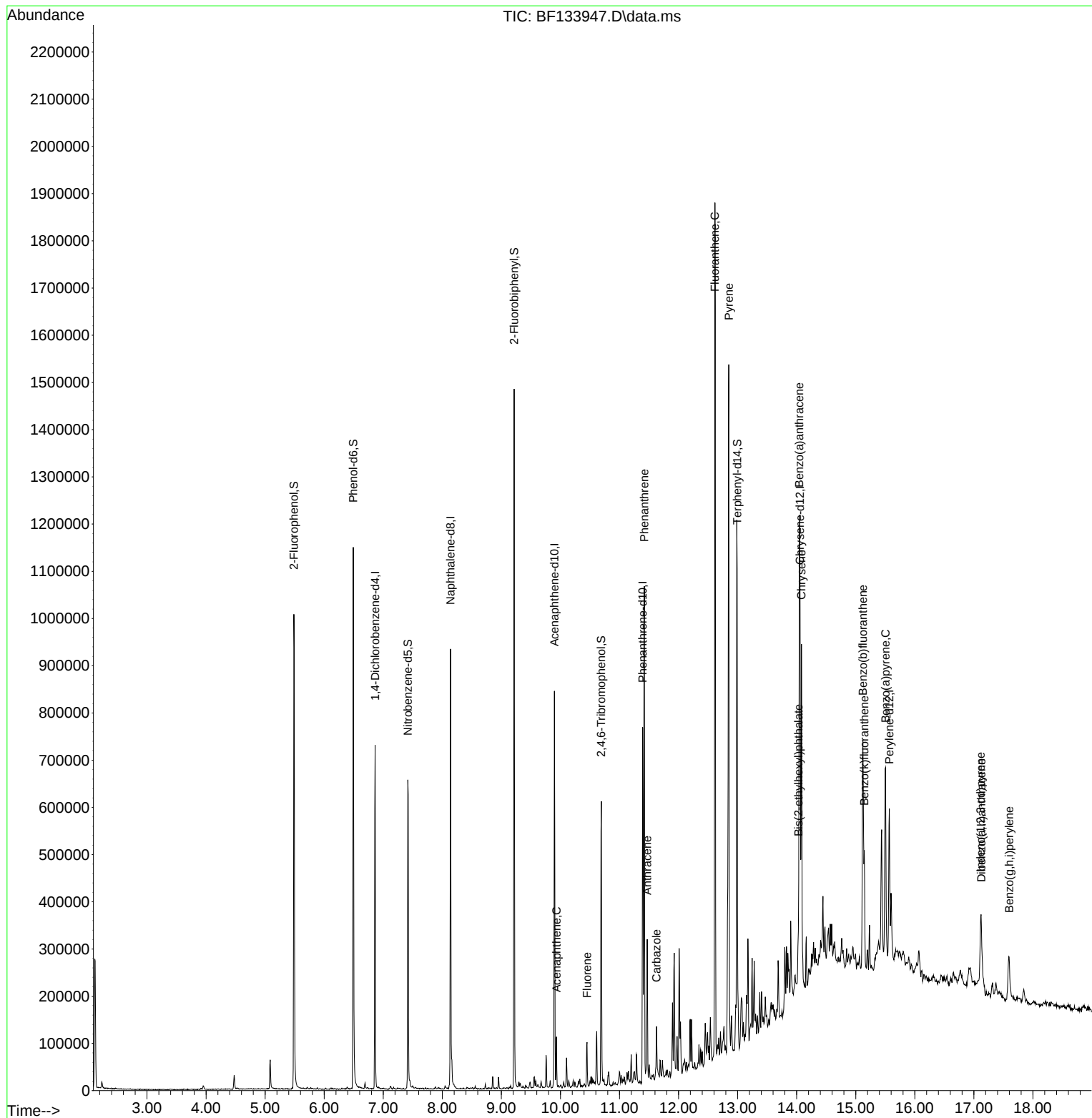
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062323\
Data File : BF133947.D
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ALS Vial : 18 Sample Multiplier: 1

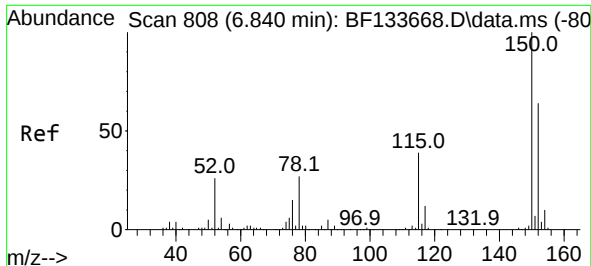
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Quant Time: Jun 23 18:38:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 02:21:26 2023
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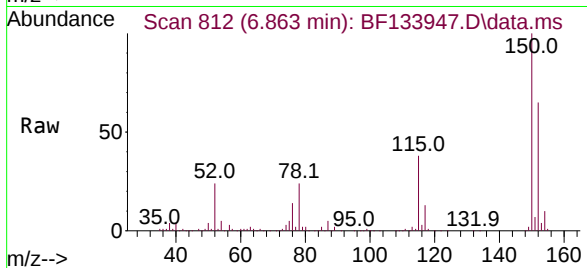
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF133947.D
Acq: 23 Jun 2023 17:21

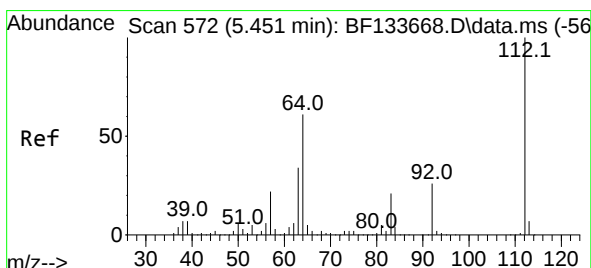
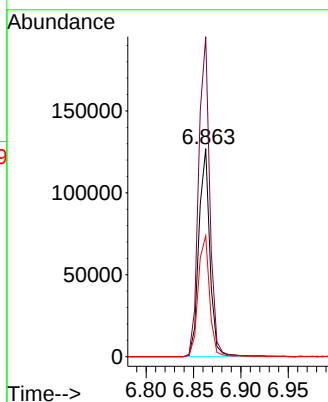
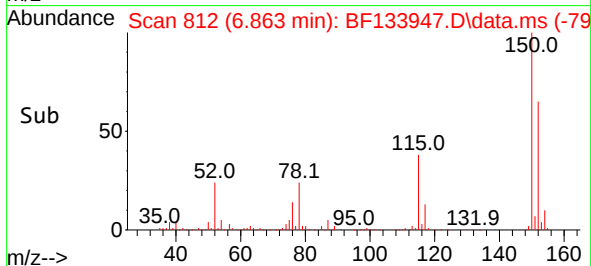
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 103580
Ion Ratio Lower Upper
152 100
150 153.8 124.3 186.5
115 58.1 48.5 72.7

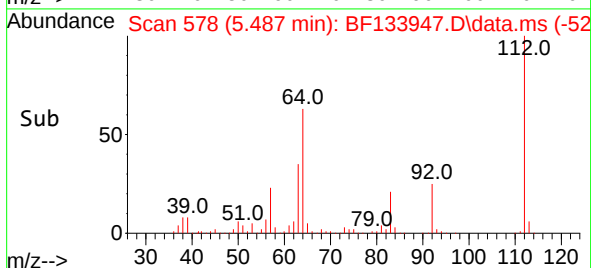
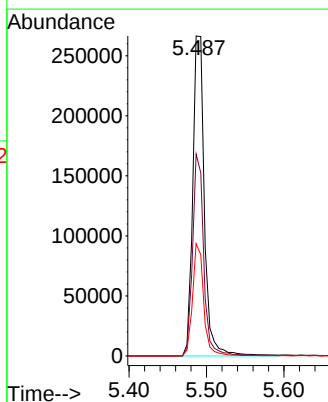
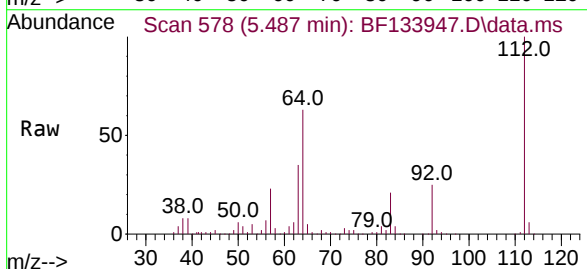
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#5
2-Fluorophenol
Concen: 46.949 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF133947.D
Acq: 23 Jun 2023 17:21

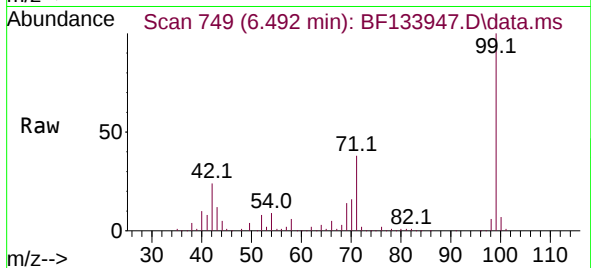
Tgt Ion:112 Resp: 279338
Ion Ratio Lower Upper
112 100
64 63.1 49.0 73.4
63 35.1 26.8 40.2





#7
Phenol-d6
Concen: 43.326 ng
RT: 6.492 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133947.D
Acq: 23 Jun 2023 17:21

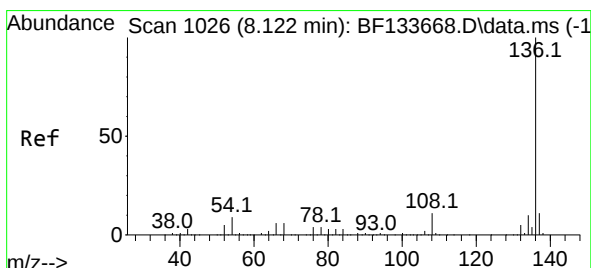
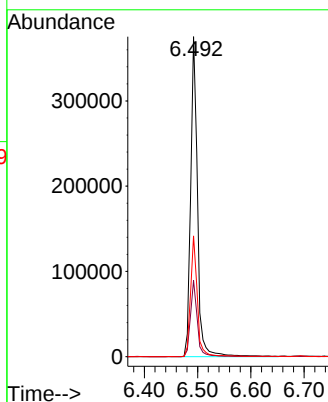
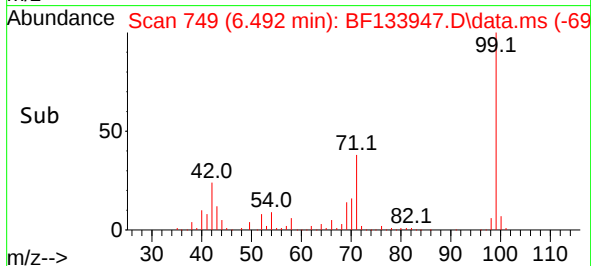
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BNA_F
ClientSampleId :
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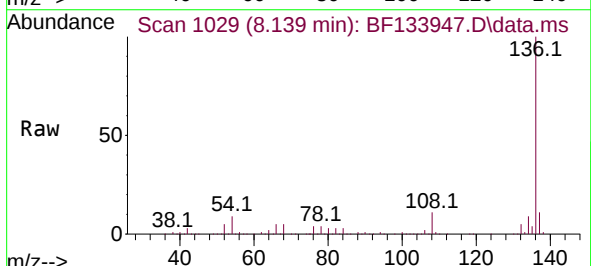
Tgt Ion: 99 Resp: 33554
Ion Ratio Lower Upper
99 100
42 23.8 19.9 29.9
71 37.7 32.2 48.4

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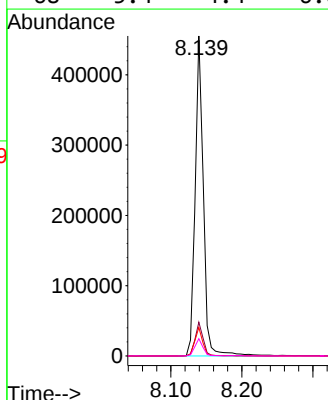
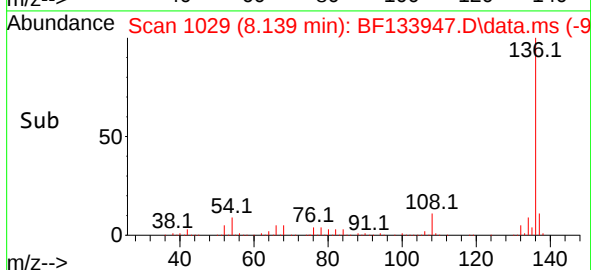
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

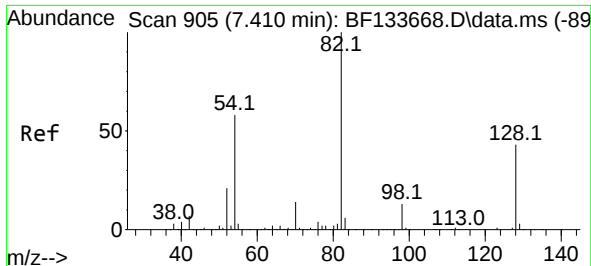


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133947.D
Acq: 23 Jun 2023 17:21



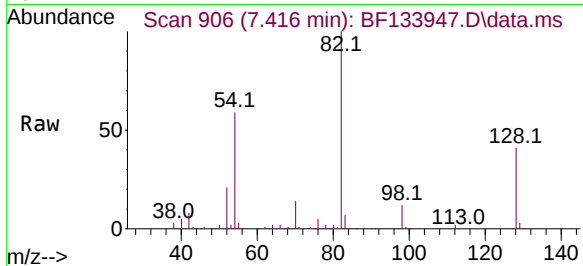
Tgt Ion:136 Resp: 367099
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.9 7.4 11.0
68 5.4 4.4 6.6





#23
Nitrobenzene-d5
Concen: 30.373 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF133947.D
Acq: 23 Jun 2023 17:21

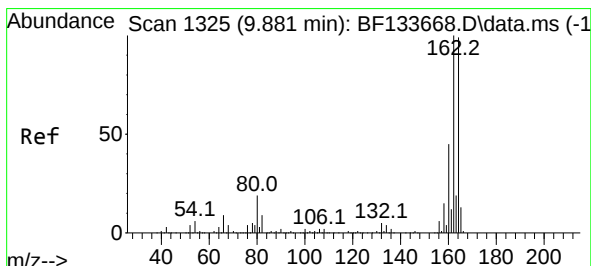
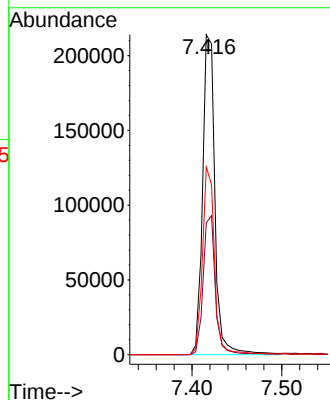
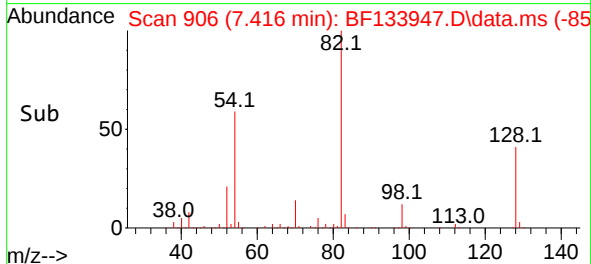
Instrument :
BNA_F
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Tgt Ion: 82 Resp: 204708
Ion Ratio Lower Upper
82 100
128 41.2 34.2 51.2
54 58.6 46.5 69.7

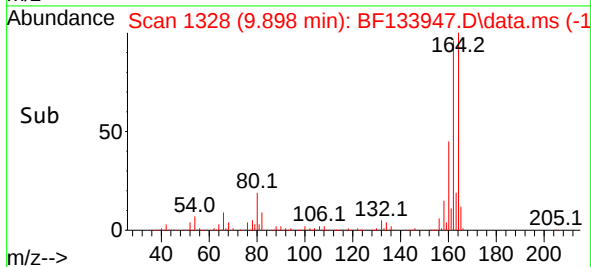
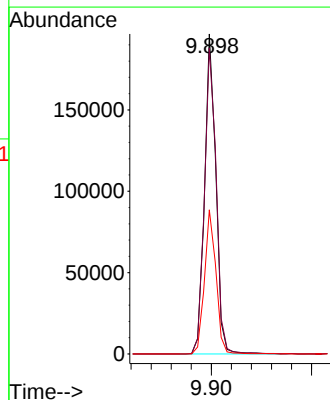
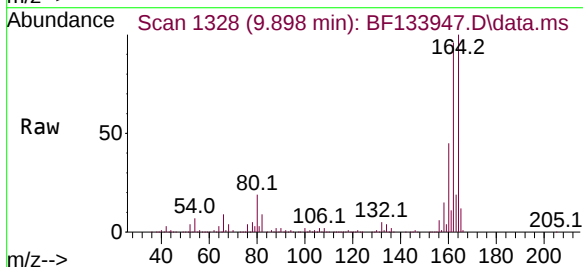
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF133947.D
Acq: 23 Jun 2023 17:21

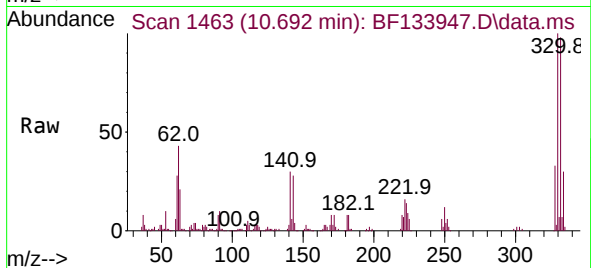
Tgt Ion:164 Resp: 154081
Ion Ratio Lower Upper
164 100
162 95.6 80.8 121.2
160 45.1 36.7 55.1





#42
2,4,6-Tribromophenol
Concen: 36.252 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF133947.D
Acq: 23 Jun 2023 17:21

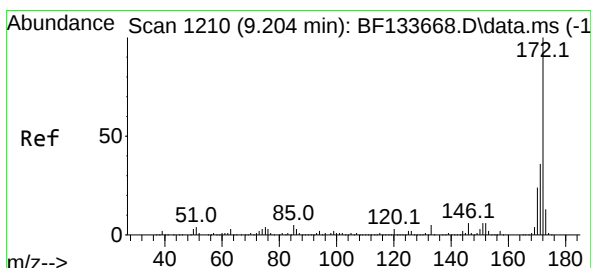
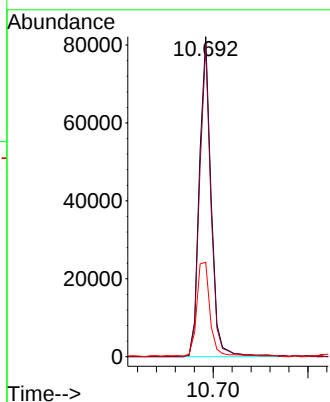
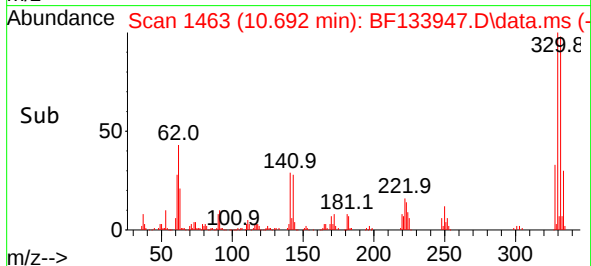
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ClientSampleId :
COMPOSTIE-SB18-27



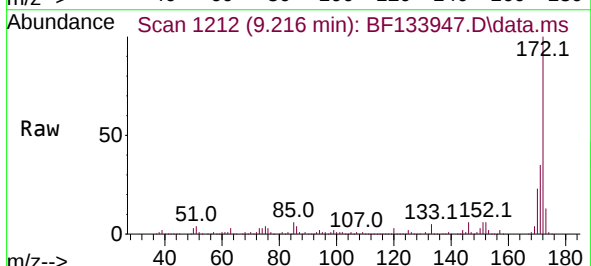
Tgt Ion: 330 Resp: 7070
Ion Ratio Lower Upper
330 100
332 94.4 77.2 115.8
141 34.8 24.9 37.3

Manual Integrations
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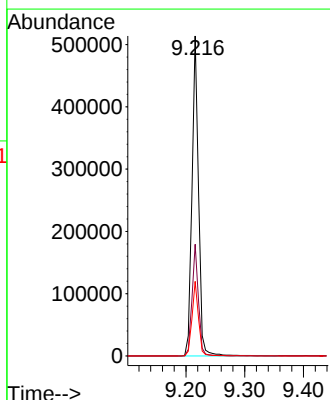
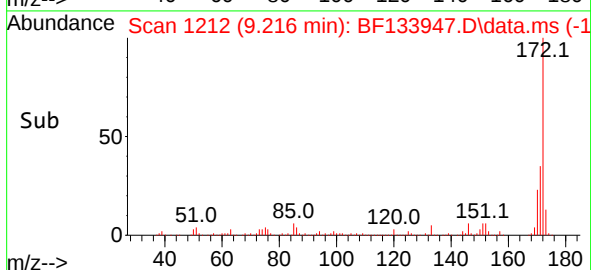
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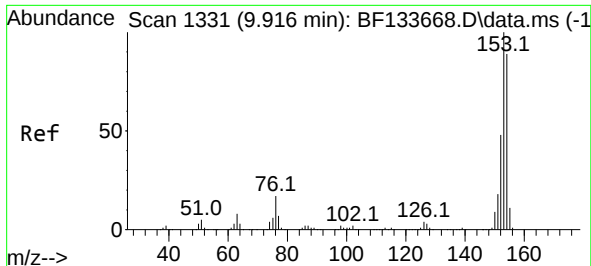


#45
2-Fluorobiphenyl
Concen: 36.626 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF133947.D
Acq: 23 Jun 2023 17:21



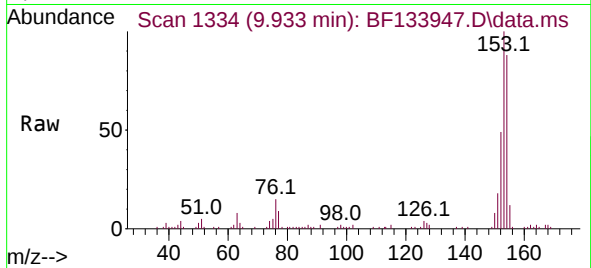
Tgt Ion: 172 Resp: 396994
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.3 19.1 28.7





#52
Acenaphthene
Concen: 2.438 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133947.D
Acq: 23 Jun 2023 17:21

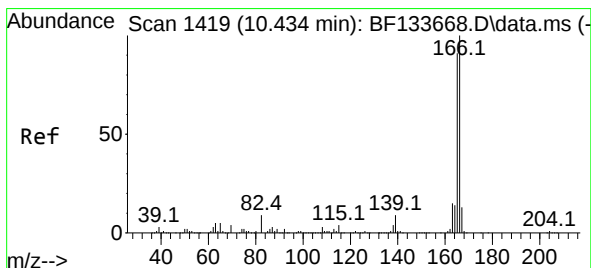
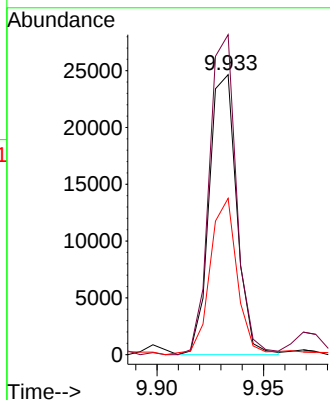
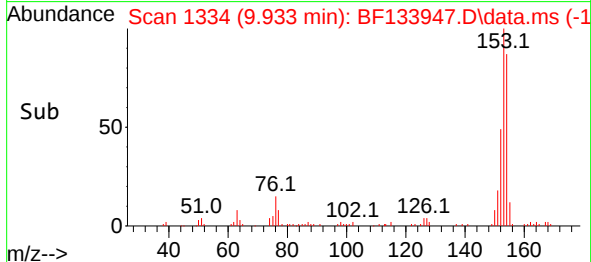
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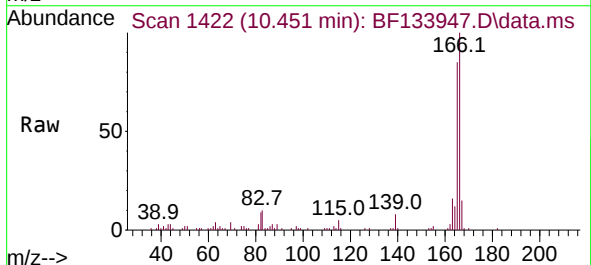
Tgt Ion:154 Resp: 2214
Ion Ratio Lower Upper
154 100
153 114.3 89.8 134.8
152 55.8 43.4 65.2

Manual Integrations
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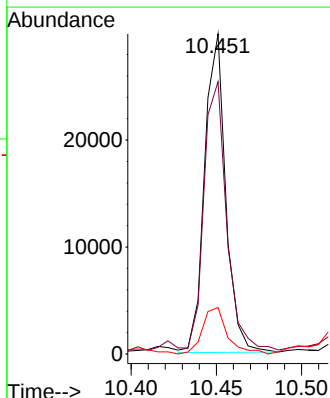
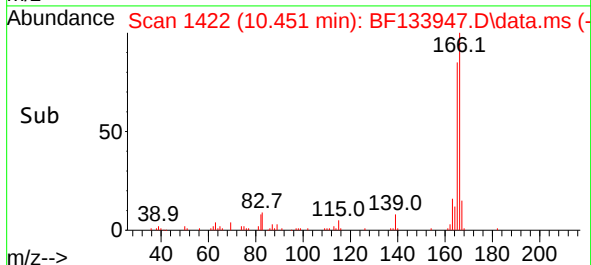
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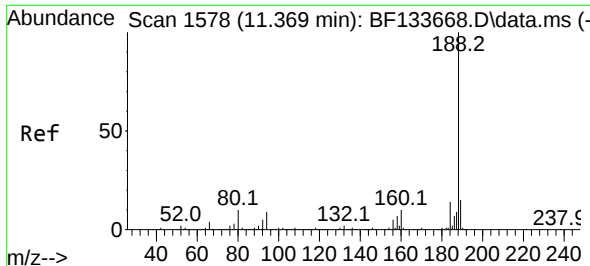


#58
Fluorene
Concen: 2.420 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF133947.D
Acq: 23 Jun 2023 17:21



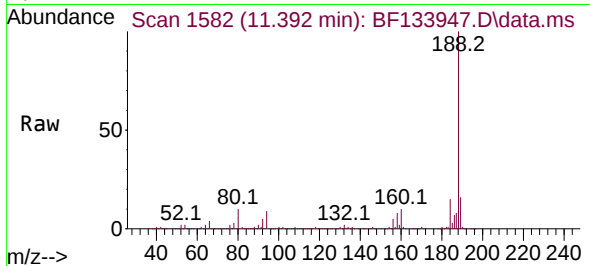
Tgt Ion:166 Resp: 25647
Ion Ratio Lower Upper
166 100
165 85.1 73.1 109.7
167 14.5 10.5 15.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11392
Delta R.T. 0.000 min
Lab File: BF133947.D
Acq: 23 Jun 2023 17:21

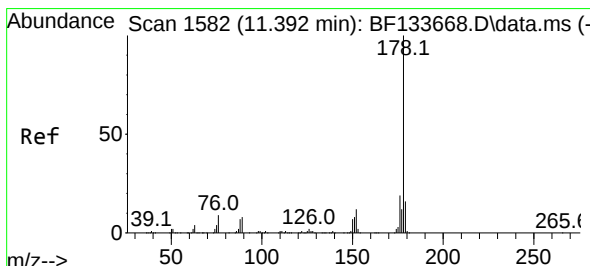
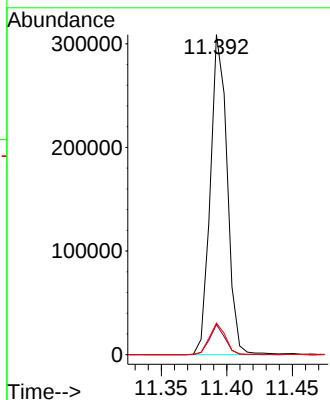
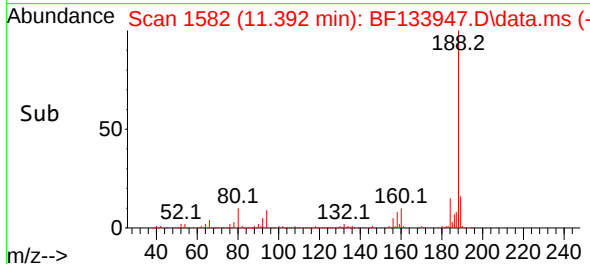
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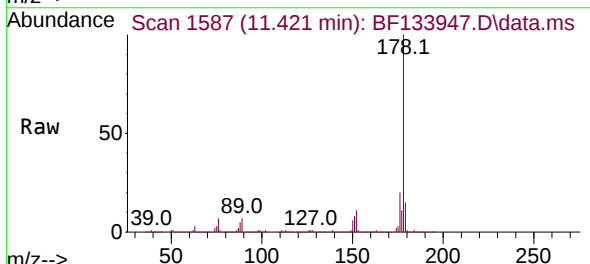
Tgt Ion:188 Resp: 27645
Ion Ratio Lower Upper
188 100
94 9.4 6.8 10.2
80 9.9 7.8 11.6

Manual Integrations
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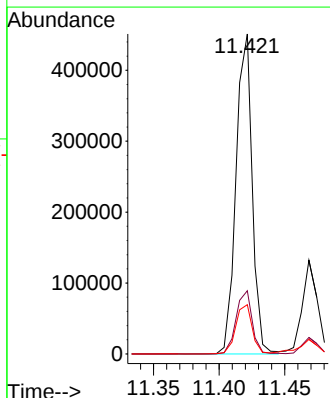
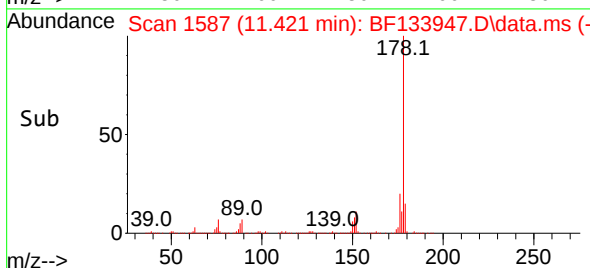
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

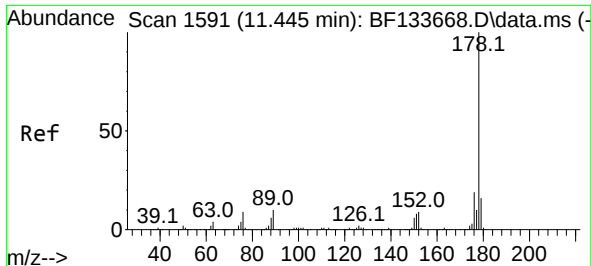


#71
Phenanthrene
Concen: 27.688 ng
RT: 11.421 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF133947.D
Acq: 23 Jun 2023 17:21



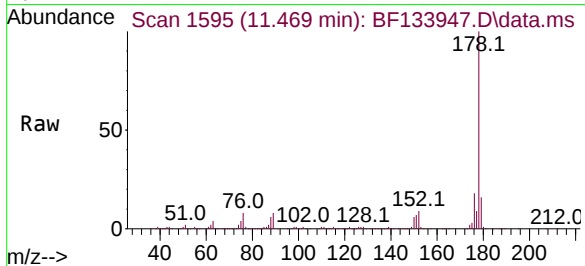
Tgt Ion:178 Resp: 388338
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.4 12.4 18.6





#72
 Anthracene
 Concen: 6.965 ng
 RT: 11.469 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133947.D
 Acq: 23 Jun 2023 17:21

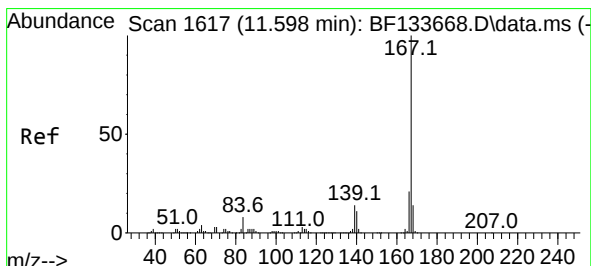
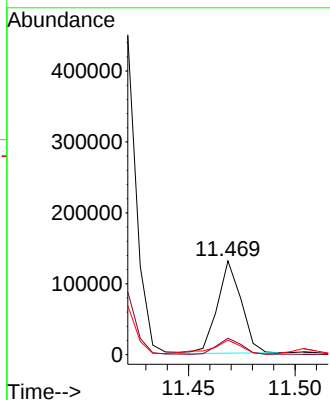
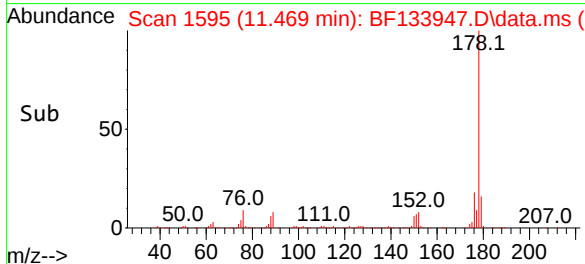
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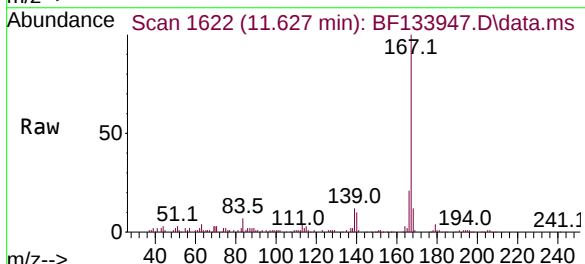
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 Ion Ratio Lower Upper
 178 100
 176 17.6 15.1 22.7
 179 15.5 12.6 18.8

Manual Integrations
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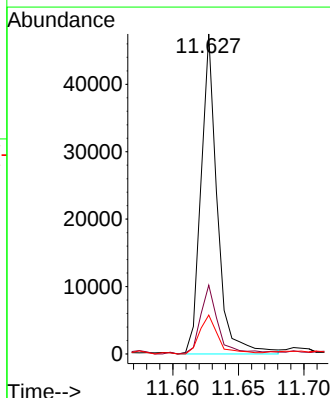
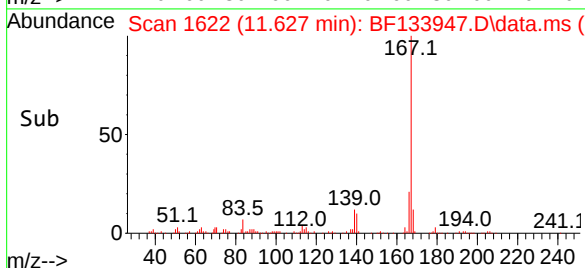
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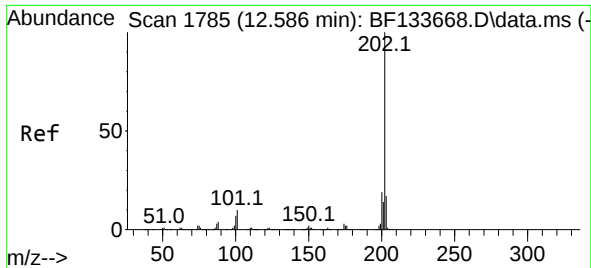


#73
 Carbazole
 Concen: 3.015 ng
 RT: 11.627 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BF133947.D
 Acq: 23 Jun 2023 17:21



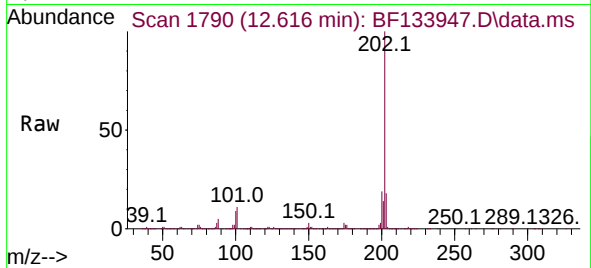
Tgt Ion:167 Resp: 41070
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 12.2 11.2 16.8





#75
Fluoranthene
Concen: 50.637 ng
RT: 12.616 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133947.D
Acq: 23 Jun 2023 17:21

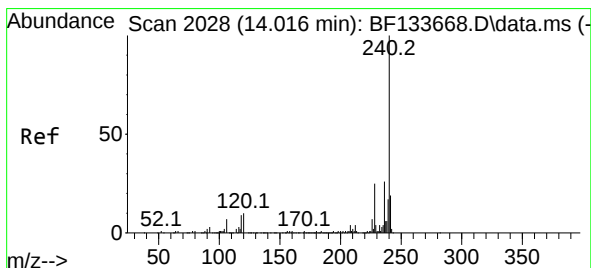
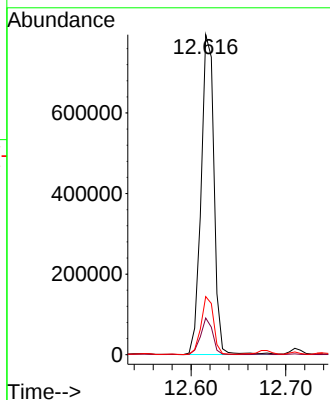
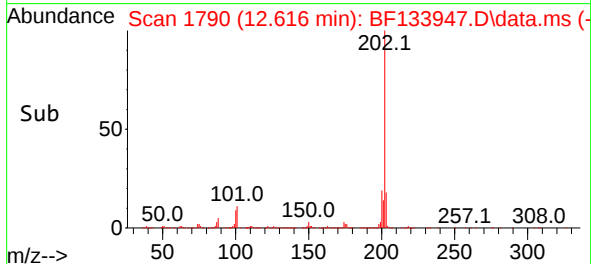
Instrument :
BNA_F
ClientSampleId :
COMPOSTIE-SB18-27



Tgt Ion:202 Resp: 754210
Ion Ratio Lower Upper
202 100
101 11.5 0.0 29.6
203 18.2 0.0 37.4

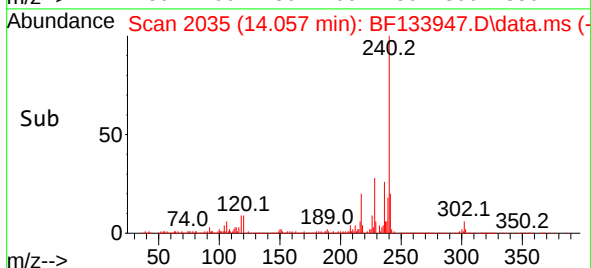
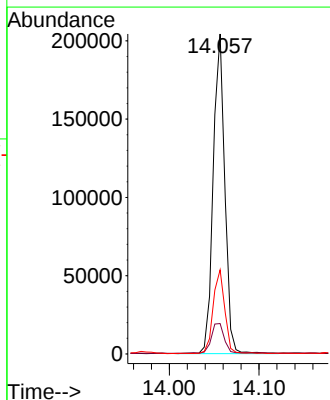
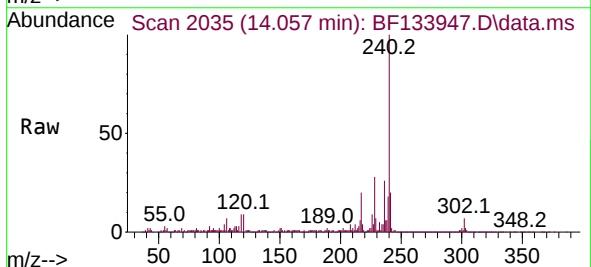
Manual Integrations
APPROVED

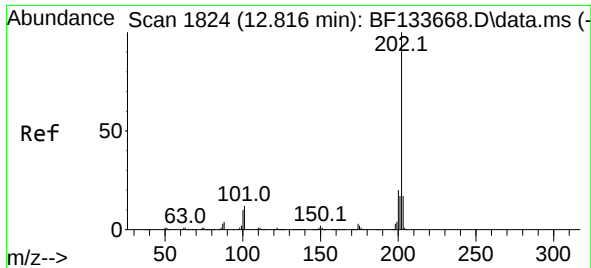
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF133947.D
Acq: 23 Jun 2023 17:21

Tgt Ion:240 Resp: 183019
Ion Ratio Lower Upper
240 100
120 9.5 8.1 12.1
236 26.3 20.5 30.7





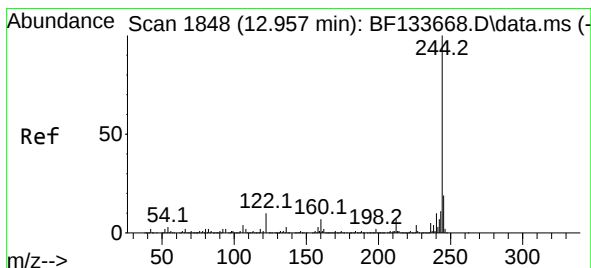
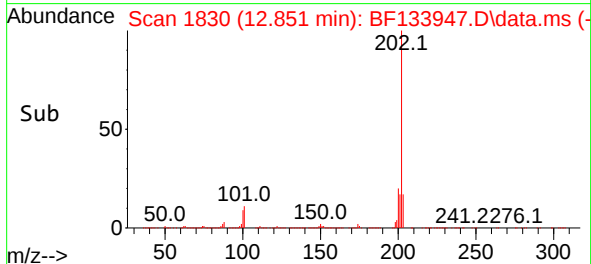
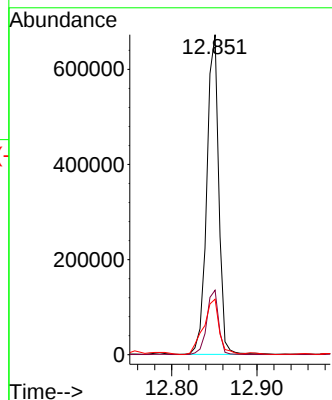
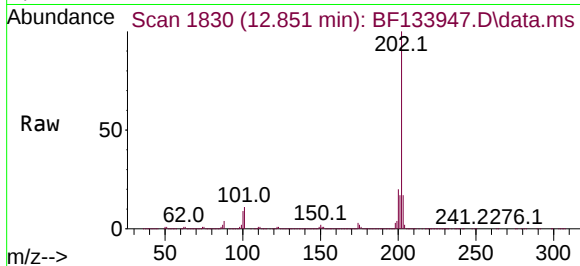
#78
Pyrene
Concen: 38.402 ng
RT: 12.851 min Scan# 1830
Delta R.T. 0.006 min
Lab File: BF133947.D
Acq: 23 Jun 2023 17:21

Instrument :
BNA_F
ClientSampleId :
COMPOSTIE-SB18-27

Tgt Ion:202 Resp: 654719
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.3 13.9 20.9

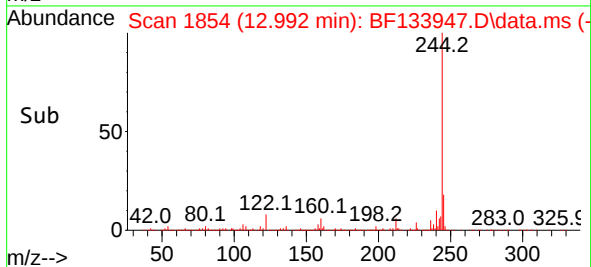
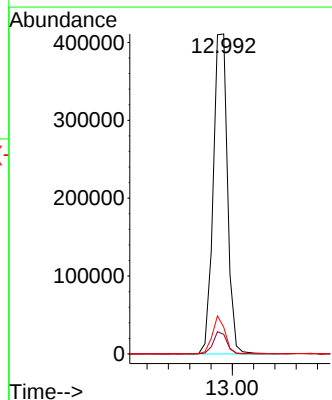
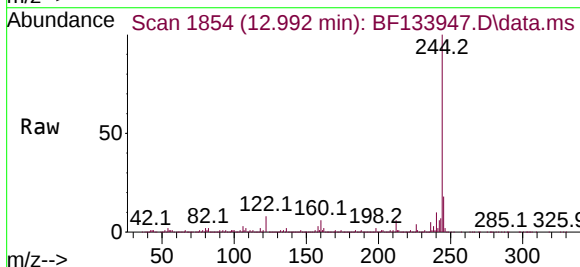
Manual Integrations
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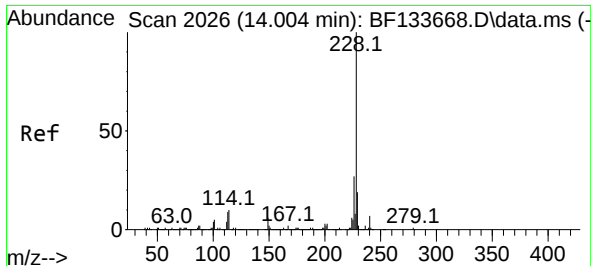
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#79
Terphenyl-d14
Concen: 32.442 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF133947.D
Acq: 23 Jun 2023 17:21

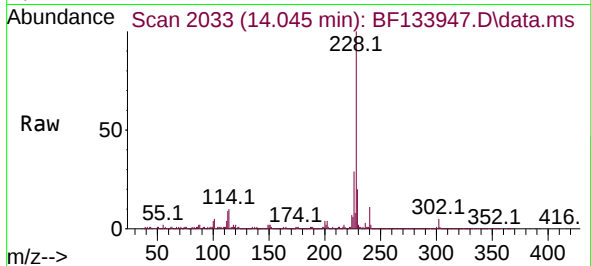
Tgt Ion:244 Resp: 383716
Ion Ratio Lower Upper
244 100
212 6.1 5.4 8.2
122 8.3 8.1 12.1





#81
Benzo(a)anthracene
Concen: 25.715 ng
RT: 14.045 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF133947.D
Acq: 23 Jun 2023 17:21

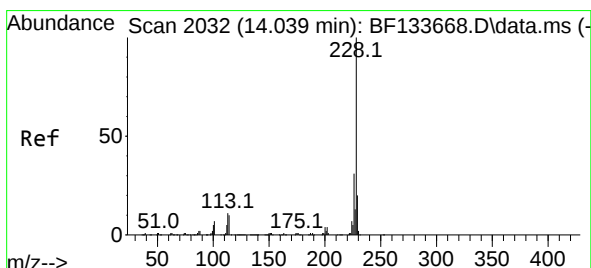
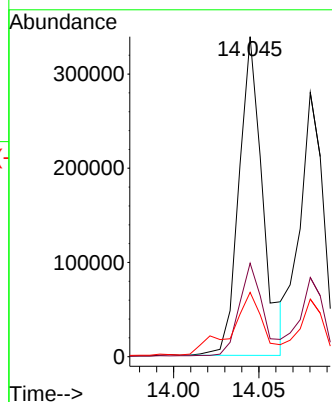
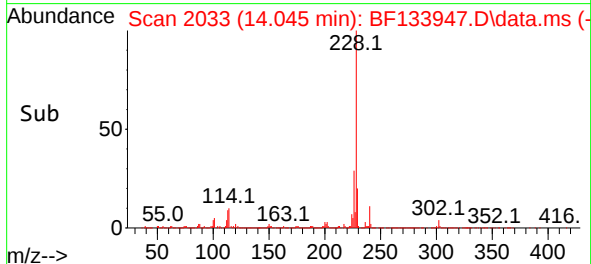
Instrument :
BNA_F
ClientSampleId :
COMPOSTIE-SB18-27



Tgt Ion:228 Resp: 325530
Ion Ratio Lower Upper
228 100
226 29.2 21.7 32.5
229 20.1 15.4 23.2

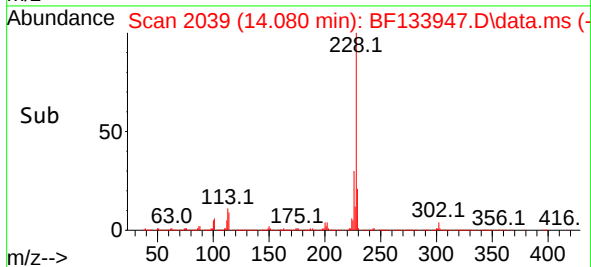
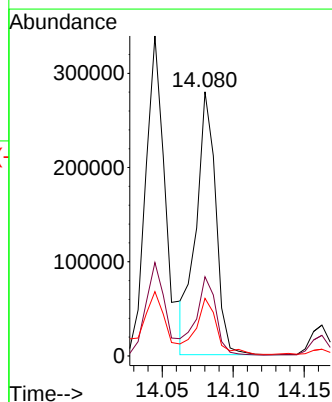
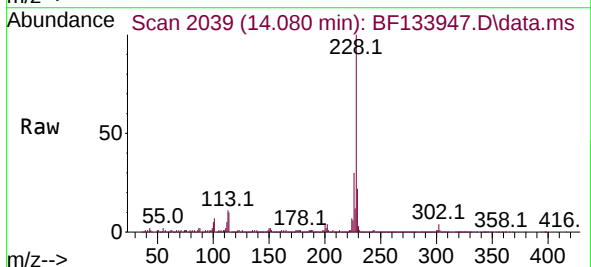
Manual Integrations
APPROVED

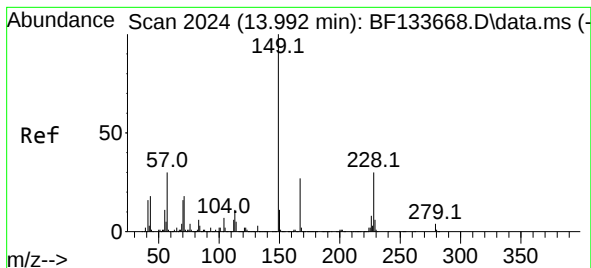
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#83
Chrysene
Concen: 22.476 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF133947.D
Acq: 23 Jun 2023 17:21

Tgt Ion:228 Resp: 269120
Ion Ratio Lower Upper
228 100
226 30.0 25.0 37.6
229 21.8 15.8 23.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.547 ng

RT: 14.033 min Scan# 2024

Delta R.T. 0.006 min

Lab File: BF133947.D

Acq: 23 Jun 2023 17:21

Instrument :

BNA_F

ClientSampleId :

COMPOSTIE-SB18-27

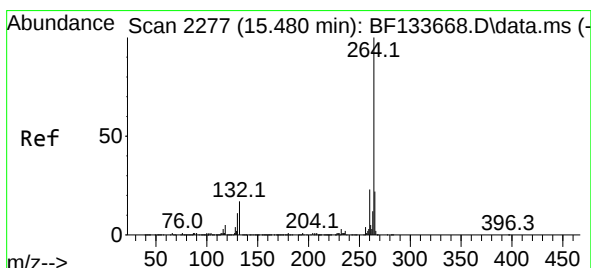
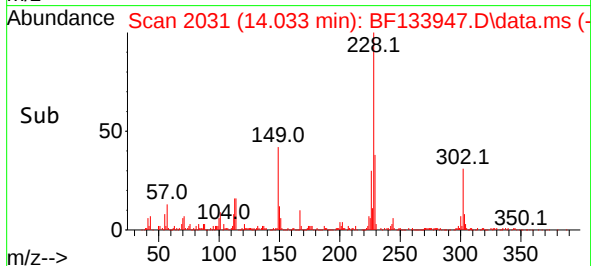
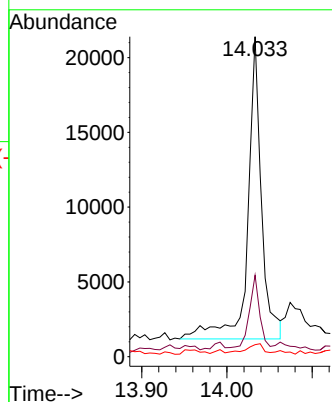
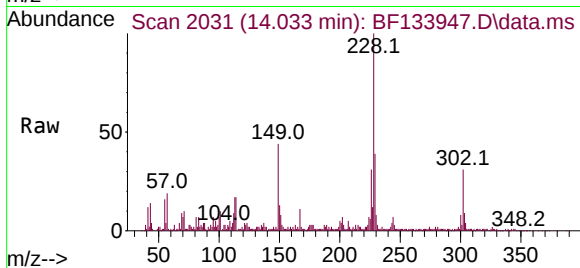
Tgt Ion:	149	Resp:	22570
Ion Ratio	Lower	Upper	
149	100		
167	25.5	21.8	32.8
279	3.7	3.3	4.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#86

Perylene-d12

Concen: 20.000 ng

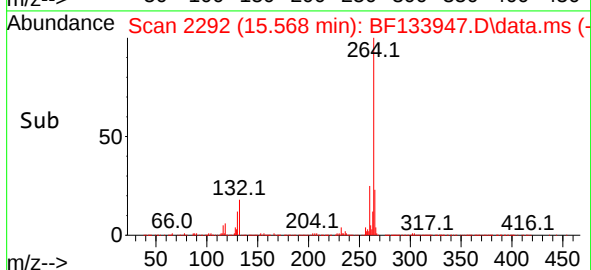
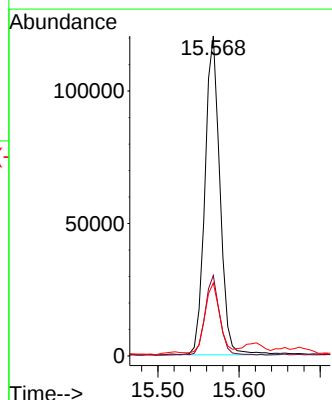
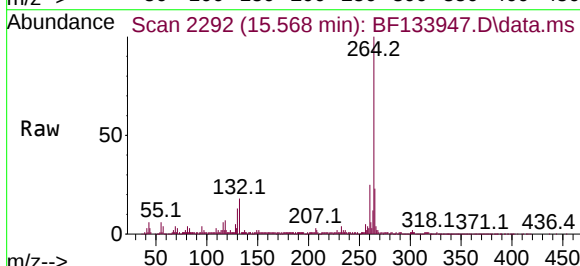
RT: 15.568 min Scan# 2292

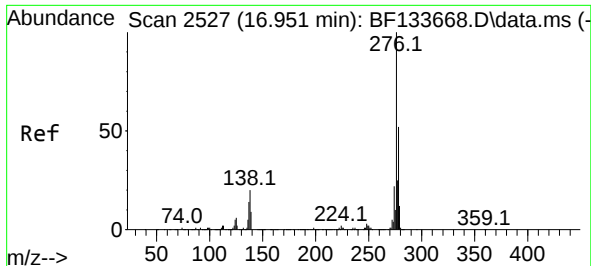
Delta R.T. 0.006 min

Lab File: BF133947.D

Acq: 23 Jun 2023 17:21

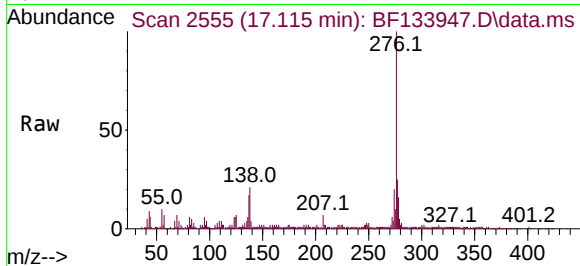
Tgt Ion:	264	Resp:	154163
Ion Ratio	Lower	Upper	
264	100		
260	25.2	18.2	27.2
265	22.8	17.8	26.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 11.010 ng
RT: 17.115 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BF133947.D
Acq: 23 Jun 2023 17:21

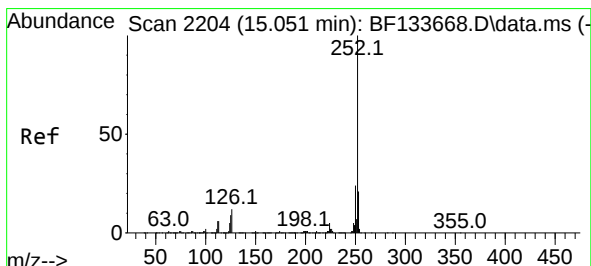
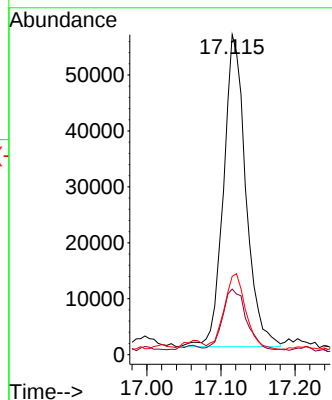
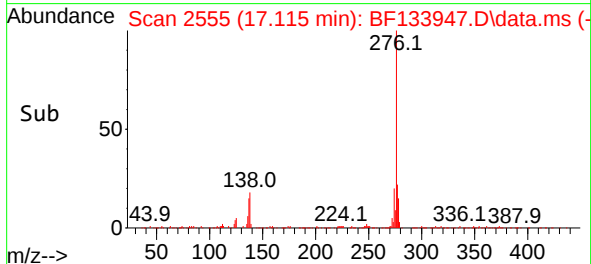
Instrument :
BNA_F
ClientSampleId :
COMPOSTIE-SB18-27



Tgt Ion:276 Resp: 116772
Ion Ratio Lower Upper
276 100
138 21.7 17.9 26.9
277 24.2 20.3 30.5

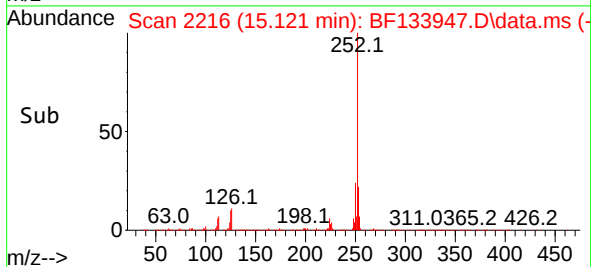
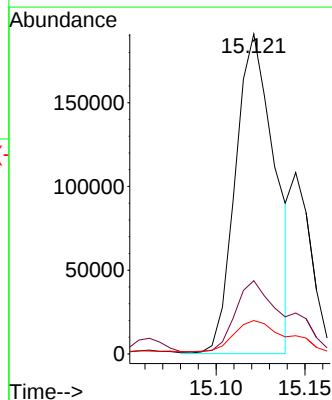
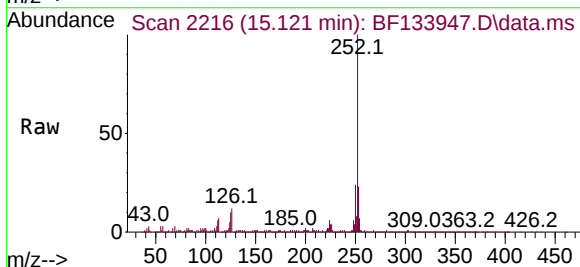
Manual Integrations
APPROVED

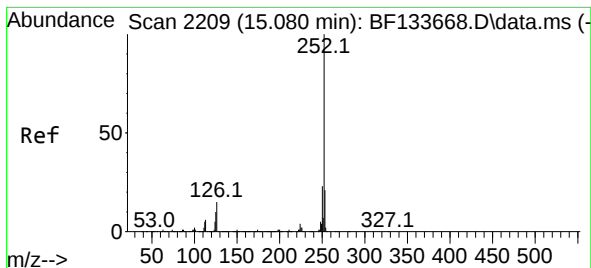
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#88
Benzo(b)fluoranthene
Concen: 31.455 ng m
RT: 15.121 min Scan# 2216
Delta R.T. 0.006 min
Lab File: BF133947.D
Acq: 23 Jun 2023 17:21

Tgt Ion:252 Resp: 294567
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 10.5 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 9.742 ng m

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133947.D

Acq: 23 Jun 2023 17:21

Instrument :

BNF

ClientSampleId :

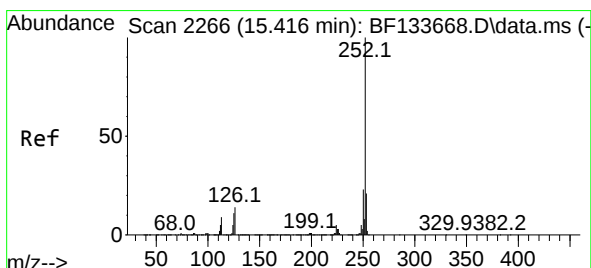
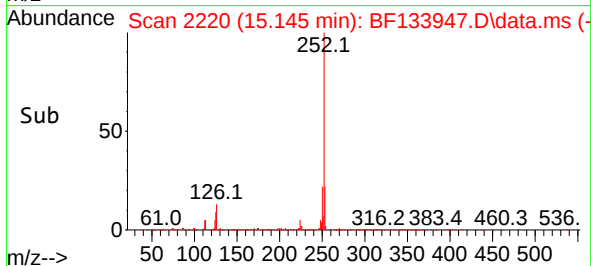
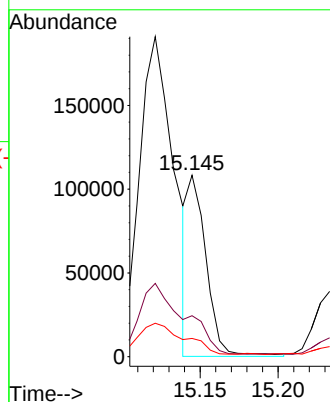
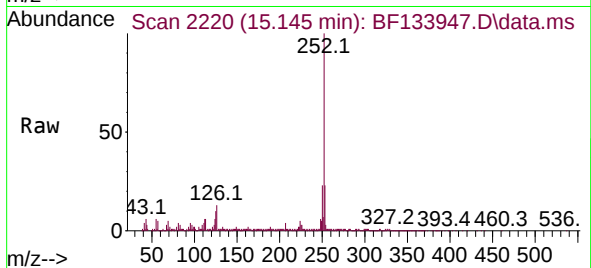
COMPOSTIE-SB18-27

Tgt Ion:252 Resp: 88868
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.0 25.4
 125 10.1 7.8 11.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023



#90

Benzo(a)pyrene

Concen: 24.093 ng

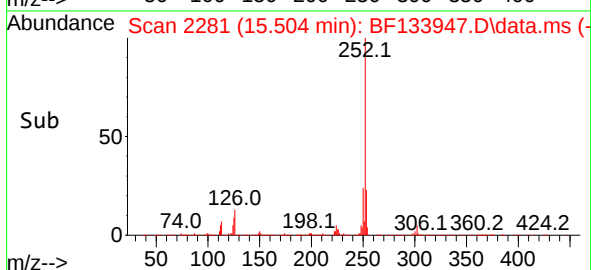
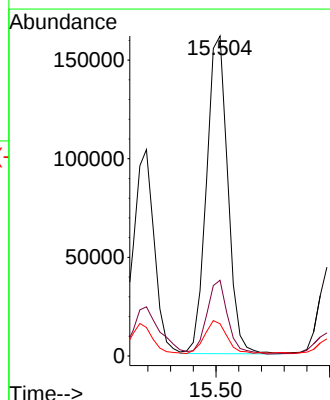
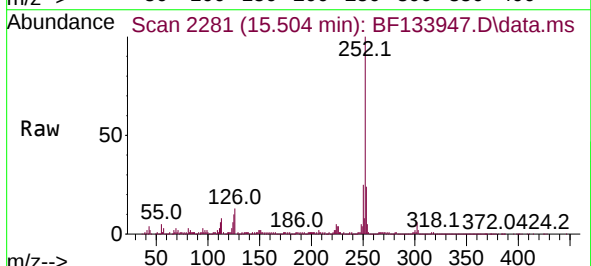
RT: 15.504 min Scan# 2281

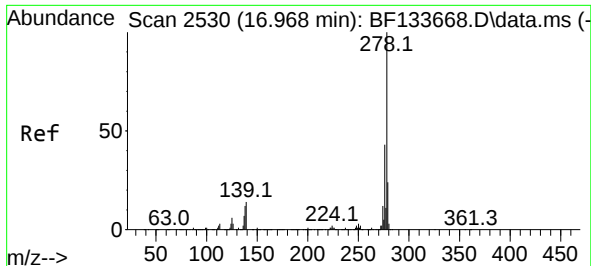
Delta R.T. 0.006 min

Lab File: BF133947.D

Acq: 23 Jun 2023 17:21

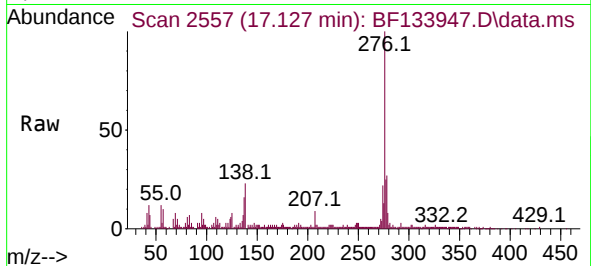
Tgt Ion:252 Resp: 209397
 Ion Ratio Lower Upper
 252 100
 253 23.7 17.1 25.7
 125 10.0 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 3.158 ng
RT: 17.127 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF133947.D
Acq: 23 Jun 2023 17:21

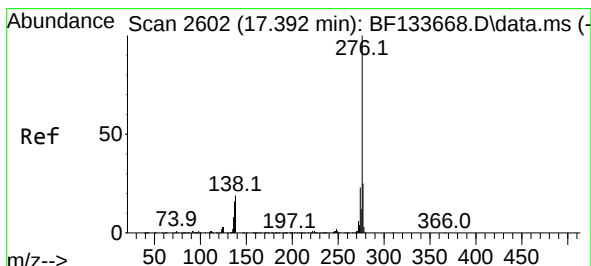
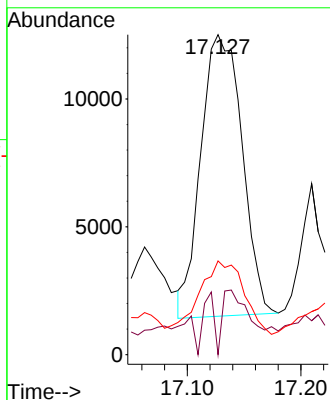
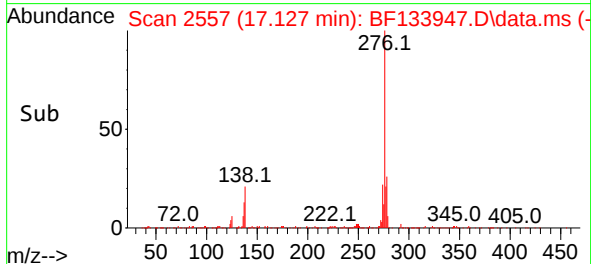
Instrument :
BNA_F
ClientSampleId :
COMPOSTIE-SB18-27



Tgt Ion:278 Resp: 2773
Ion Ratio Lower Upper
278 100
139 0.0 11.4 17.2
279 29.3 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#92
Benzo(g,h,i)perylene
Concen: 11.129 ng
RT: 17.598 min Scan# 2637
Delta R.T. 0.006 min
Lab File: BF133947.D
Acq: 23 Jun 2023 17:21

Tgt Ion:276 Resp: 96884
Ion Ratio Lower Upper
276 100
277 23.2 19.8 29.8
138 20.1 15.0 22.4

