

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062023\
 Data File : BF133861.D
 Acq On : 20 Jun 2023 17:48
 Operator : CG\JU
 Sample : 03224-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSIT-SB-01/02

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 00:13:26 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	71325	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	250099	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	109606	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	196998	20.000	ng	0.00
76) Chrysene-d12	14.045	240	159961	20.000	ng	0.00
86) Perylene-d12	15.557	264	115871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	285377	69.655	ng	0.00
7) Phenol-d6	6.492	99	323628	60.685	ng	0.00
23) Nitrobenzene-d5	7.416	82	204990	44.643	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	80624	58.111	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	394823	51.206	ng	0.00
79) Terphenyl-d14	12.986	244	415359	40.179	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.410	178	82154	8.220	ng	98
72) Anthracene	11.463	178	21295	2.043	ng	98
75) Fluoranthene	12.610	202	170424	16.057	ng	99
78) Pyrene	12.839	202	158641	10.646	ng	99
81) Benzo(a)anthracene	14.033	228	83112	7.512	ng	97
83) Chrysene	14.074	228	74077	7.078	ng	97
84) Bis(2-ethylhexyl)phtha...	14.027	149	31517	4.069	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	29999	3.763	ng	98
88) Benzo(b)fluoranthene	15.110	252	78769m	11.191	ng	
89) Benzo(k)fluoranthene	15.133	252	26874m	3.920	ng	
90) Benzo(a)pyrene	15.486	252	49137	7.522	ng	# 91
92) Benzo(g,h,i)perylene	17.568	276	33069	5.054	ng	# 94

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

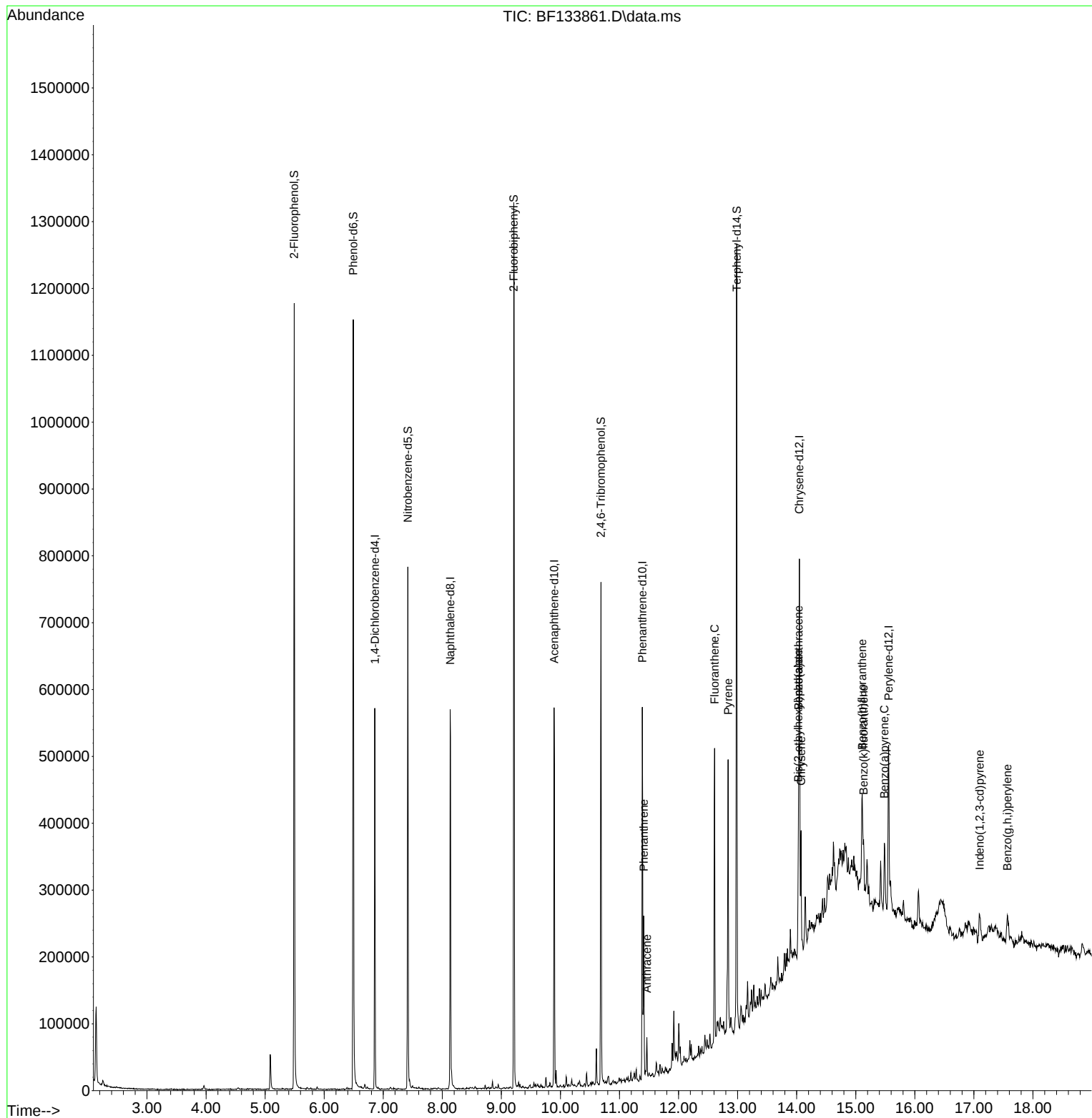
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062023\
Data File : BF133861.D
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ALS Vial : 19 Sample Multiplier: 1

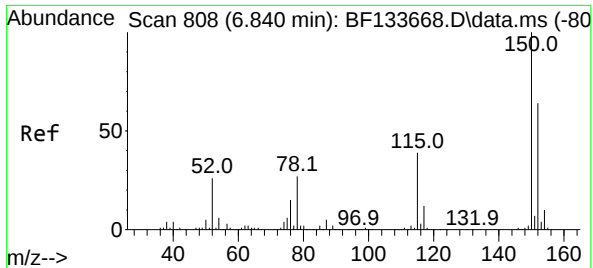
Instrument :
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COMPOSIT-SB-01/02

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
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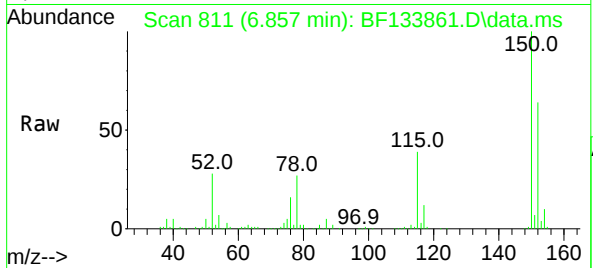
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133861.D
Acq: 20 Jun 2023 17:48

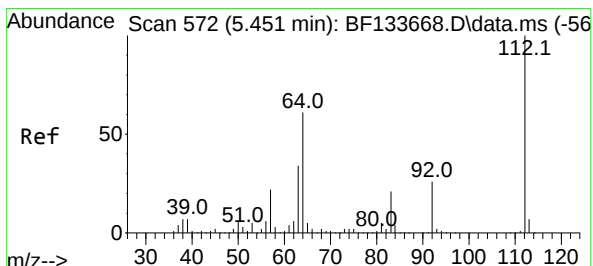
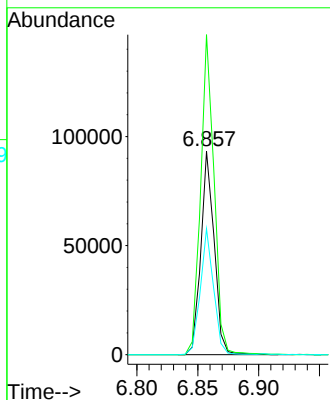
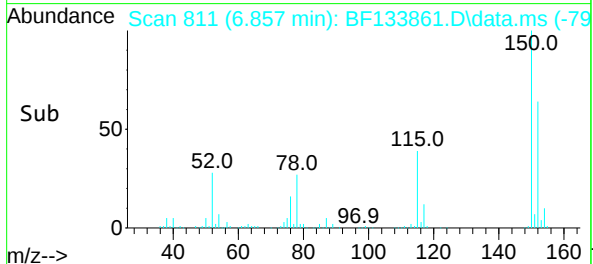
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-01/02



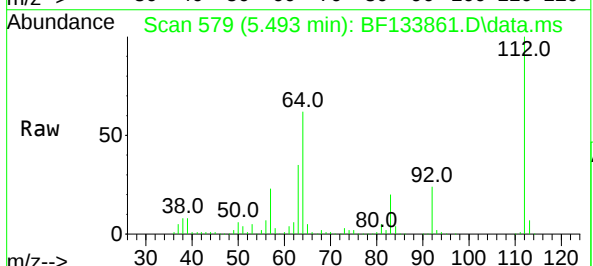
Tgt Ion:152 Resp: 71325
Ion Ratio Lower Upper
152 100
150 157.3 124.3 186.5
115 61.9 48.5 72.7

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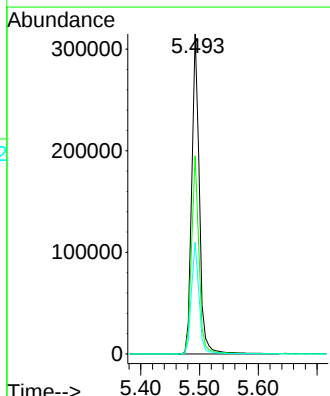
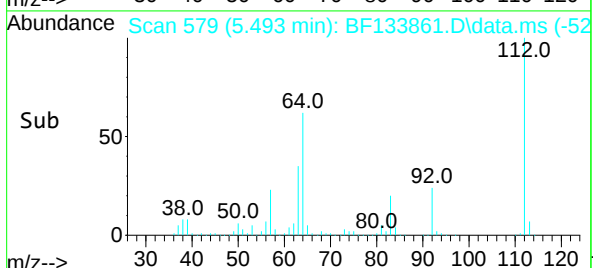
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

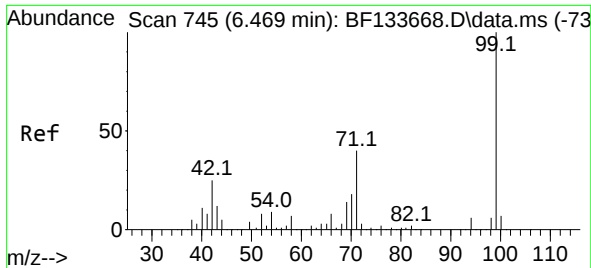


#5
2-Fluorophenol
Concen: 69.655 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF133861.D
Acq: 20 Jun 2023 17:48



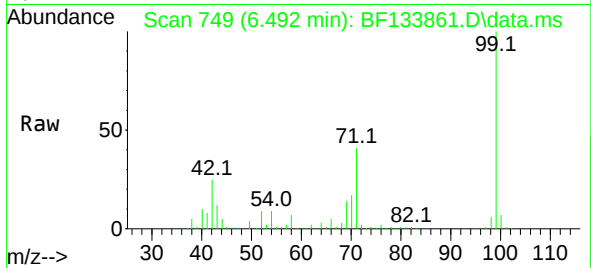
Tgt Ion:112 Resp: 285377
Ion Ratio Lower Upper
112 100
64 62.0 49.0 73.4
63 34.9 26.8 40.2





#7
Phenol-d6
Concen: 60.685 ng
RT: 6.492 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF133861.D
Acq: 20 Jun 2023 17:48

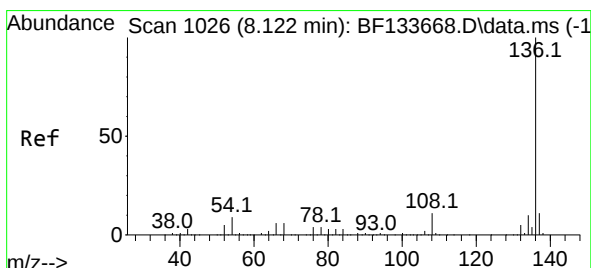
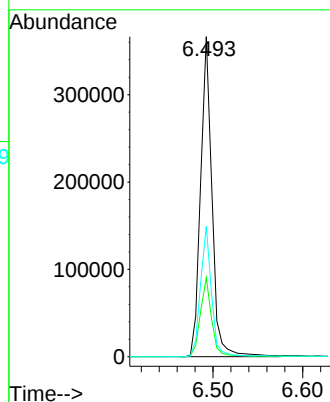
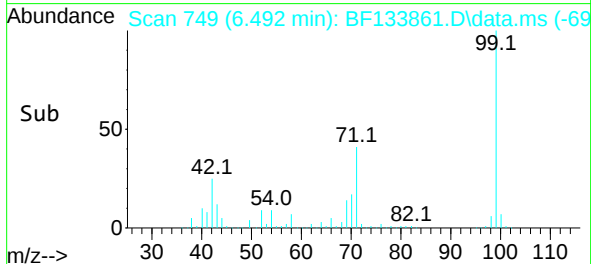
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-01/02



Tgt Ion: 99 Resp: 323628
Ion Ratio Lower Upper
99 100
42 24.7 19.9 29.9
71 40.8 32.2 48.4

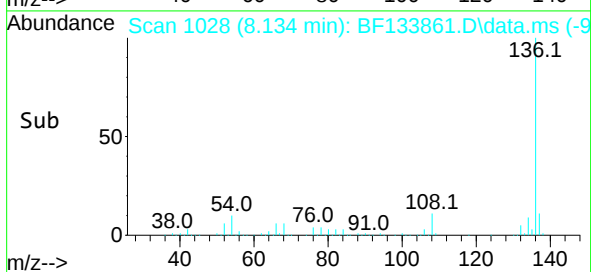
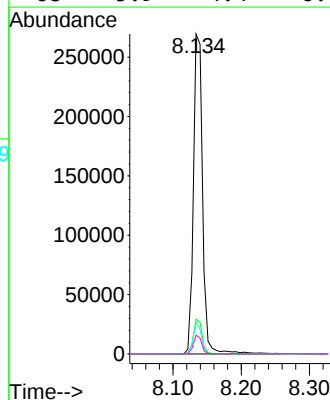
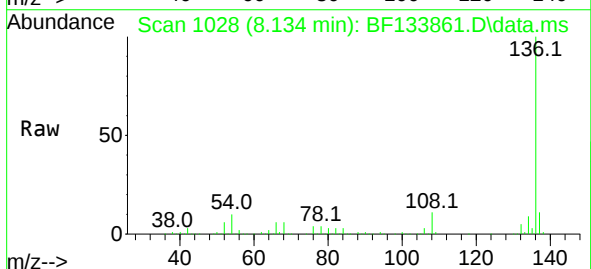
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Supervised By :mohammad ahmed 06/21/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF133861.D
Acq: 20 Jun 2023 17:48

Tgt Ion:136 Resp: 250099
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.9 7.4 11.0
68 5.9 4.4 6.6





#23

Nitrobenzene-d5

Concen: 44.643 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133861.D

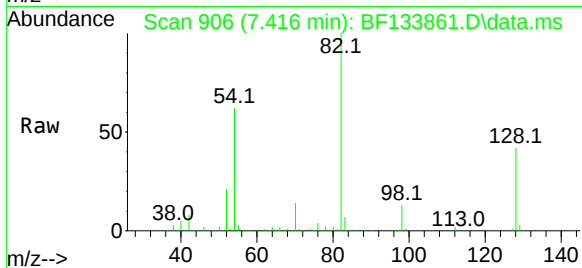
Acq: 20 Jun 2023 17:48

Instrument :

BNA_F

ClientSampleId :

COMPOSIT-SB-01/02



Tgt Ion: 82 Resp: 204990

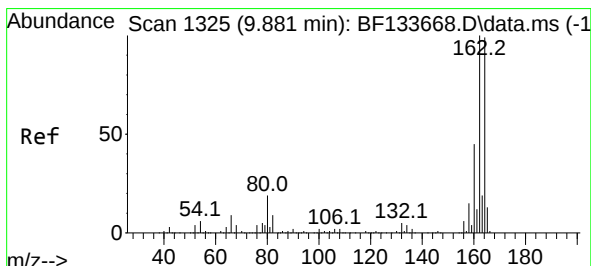
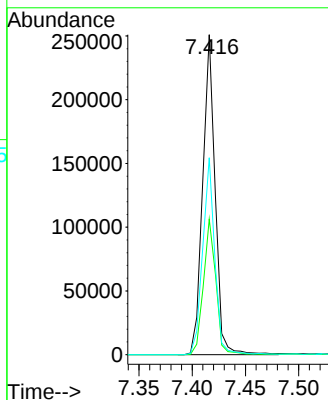
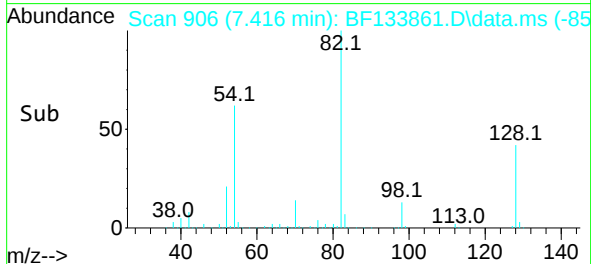
Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.2	51.2
54	61.6	46.5	69.7

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Supervised By :mohammad ahmed 06/21/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1327

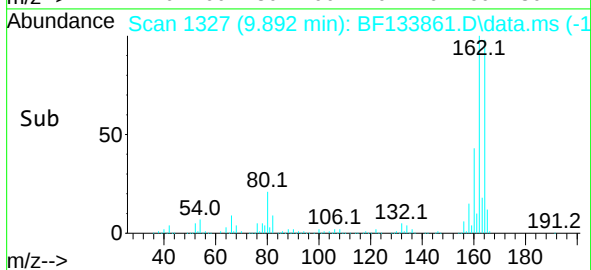
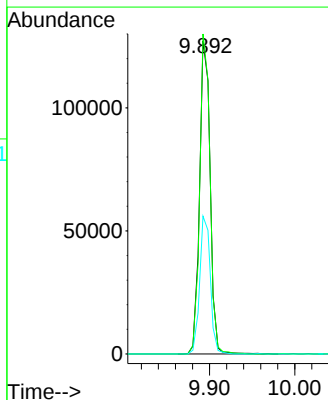
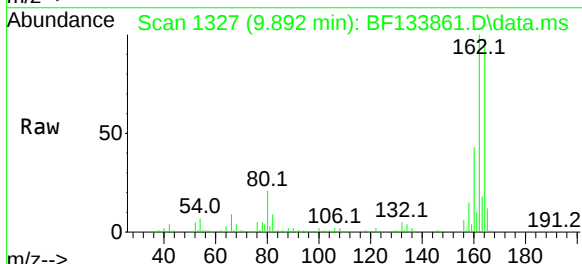
Delta R.T. -0.006 min

Lab File: BF133861.D

Acq: 20 Jun 2023 17:48

Tgt Ion:164 Resp: 109606

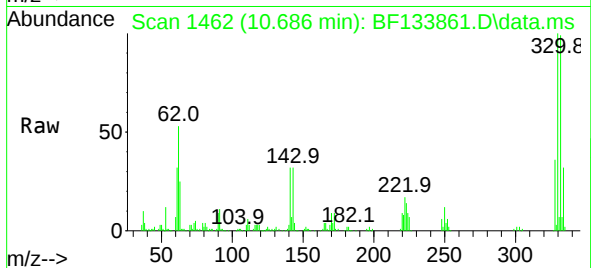
Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.8	121.2
160	44.0	36.7	55.1





#42
2,4,6-Tribromophenol
Concen: 58.111 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF133861.D
Acq: 20 Jun 2023 17:48

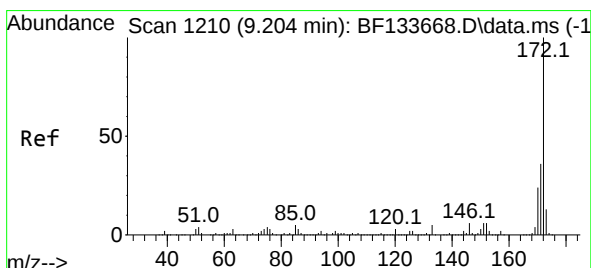
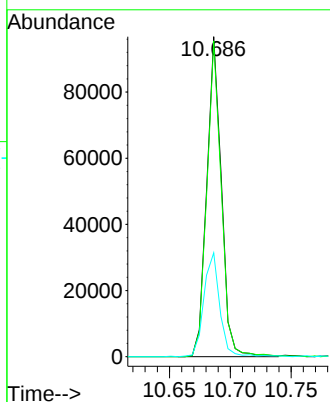
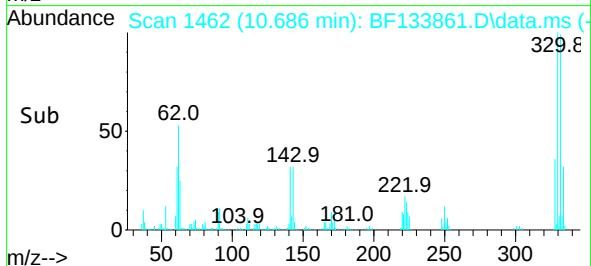
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-01/02



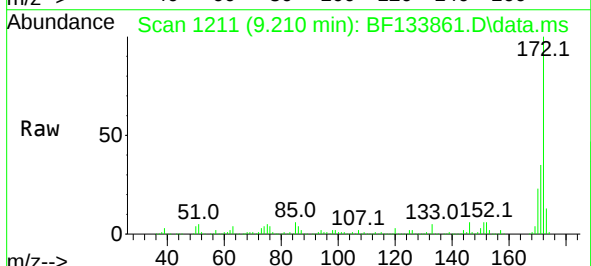
Tgt Ion: 330 Resp: 80624
Ion Ratio Lower Upper
330 100
332 97.7 77.2 115.8
141 35.5 24.9 37.3

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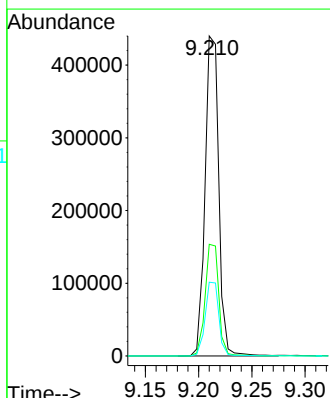
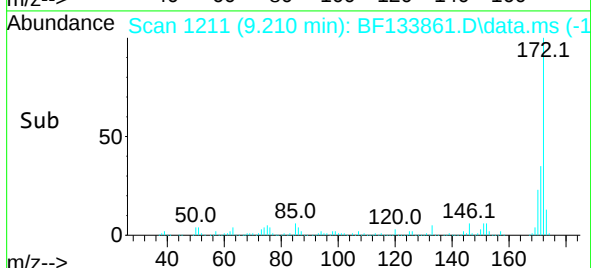
Reviewed By : Yogesh Patel 06/21/2023
Supervised By : mohammad ahmed 06/21/2023



#45
2-Fluorobiphenyl
Concen: 51.206 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF133861.D
Acq: 20 Jun 2023 17:48



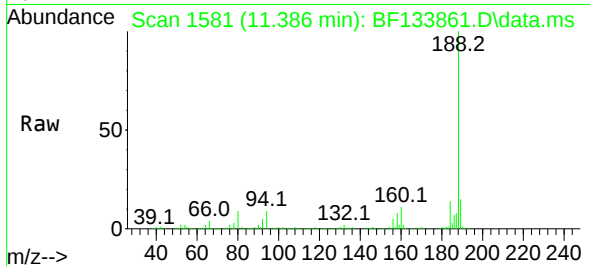
Tgt Ion: 172 Resp: 394823
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.1 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF133861.D
Acq: 20 Jun 2023 17:48

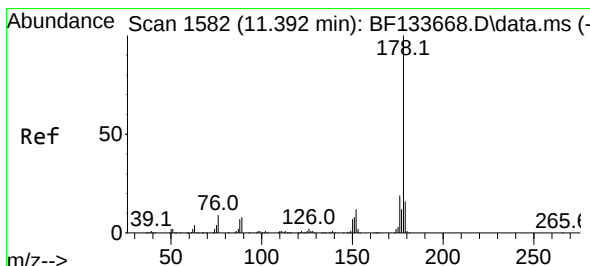
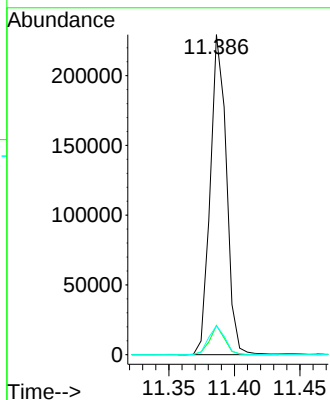
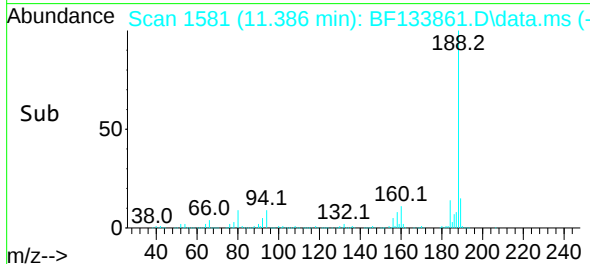
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-01/02



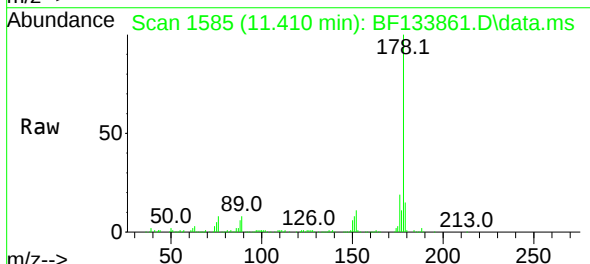
Tgt Ion:188 Resp: 196998
Ion Ratio Lower Upper
188 100
94 9.2 6.8 10.2
80 9.0 7.8 11.6

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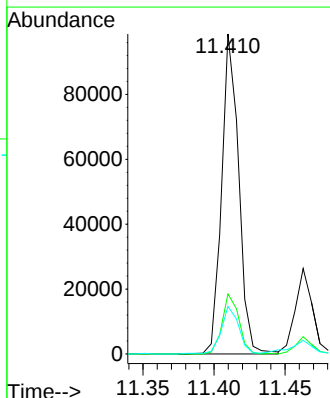
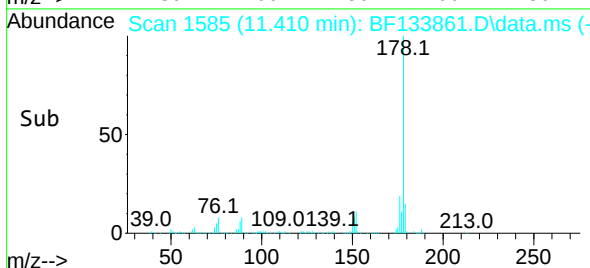
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

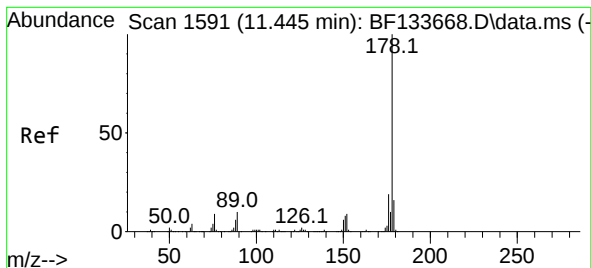


#71
Phenanthrene
Concen: 8.220 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF133861.D
Acq: 20 Jun 2023 17:48



Tgt Ion:178 Resp: 82154
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 14.9 12.4 18.6





#72

Anthracene

Concen: 2.043 ng

RT: 11.463 min Scan# 1594

Delta R.T. -0.006 min

Lab File: BF133861.D

Acq: 20 Jun 2023 17:48

Instrument :

BNA_F

ClientSampleId :

COMPOSIT-SB-01/02

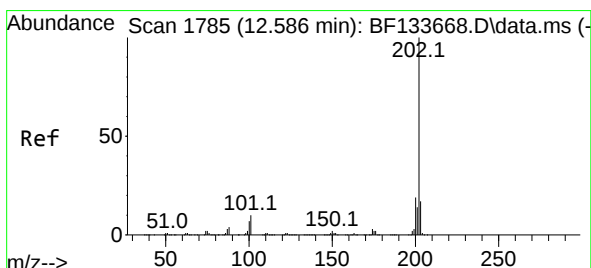
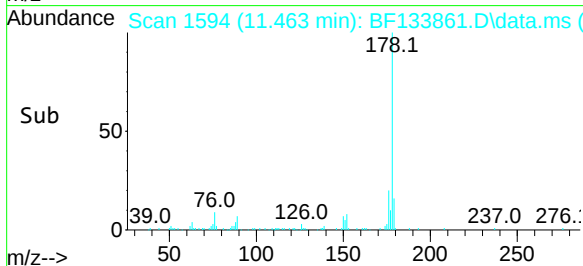
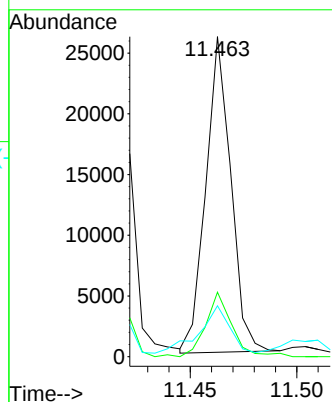
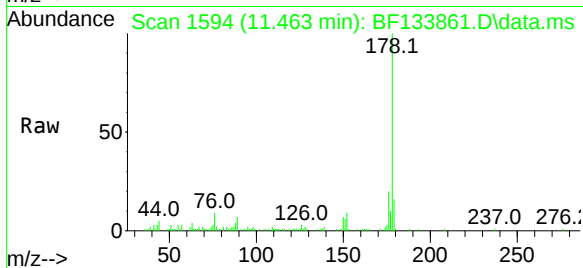
Tgt Ion:178	Resp:	2129
Ion Ratio	Lower	Upper
178	100	
176	20.1	15.1 22.7
179	15.9	12.6 18.8

Manual Integrations

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Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#75

Fluoranthene

Concen: 16.057 ng

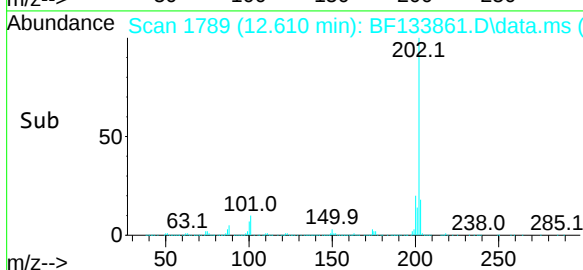
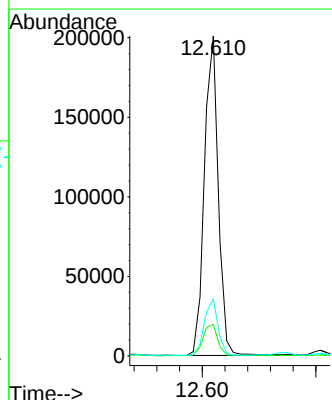
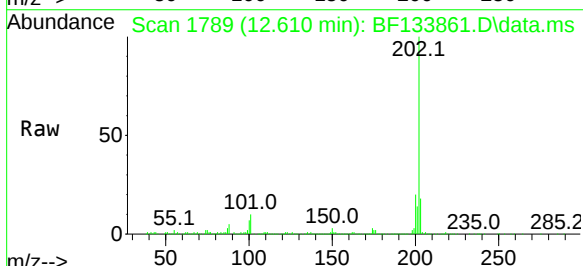
RT: 12.610 min Scan# 1789

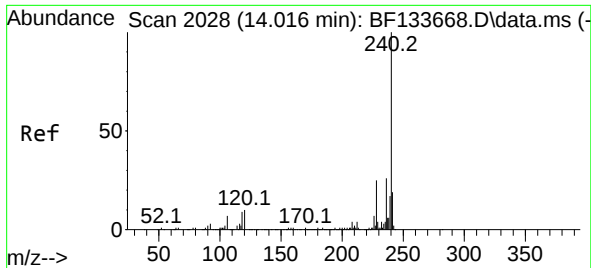
Delta R.T. 0.000 min

Lab File: BF133861.D

Acq: 20 Jun 2023 17:48

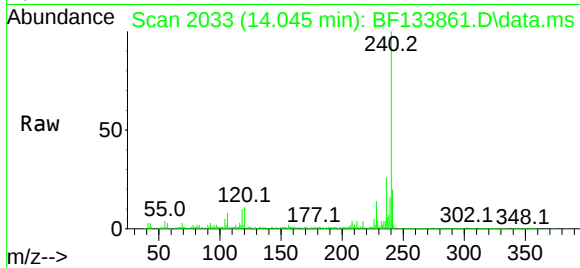
Tgt Ion:202	Resp:	170424
Ion Ratio	Lower	Upper
202	100	
101	9.9	0.0 29.6
203	17.7	0.0 37.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF133861.D
Acq: 20 Jun 2023 17:48

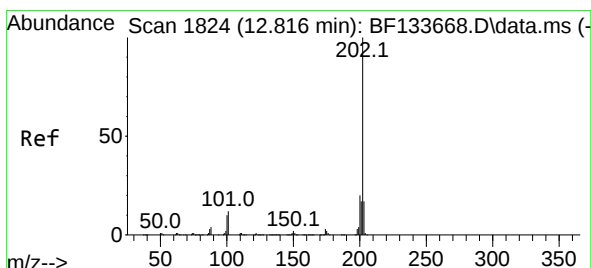
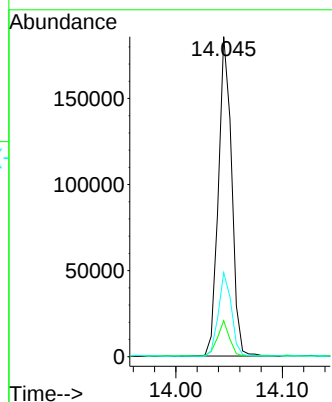
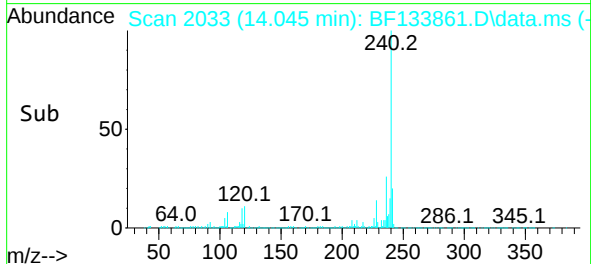
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-01/02



Tgt Ion:240 Resp: 15996
Ion Ratio Lower Upper
240 100
120 11.3 8.1 12.1
236 26.3 20.5 30.7

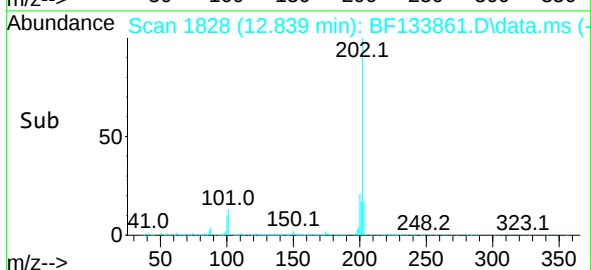
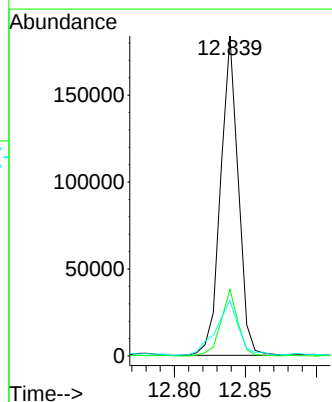
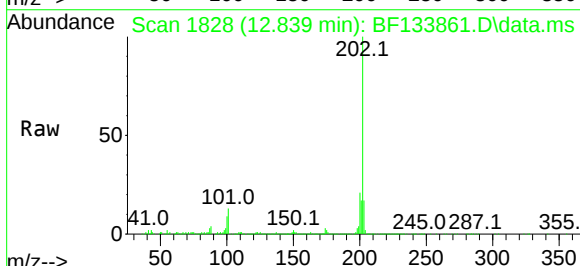
Manual Integrations
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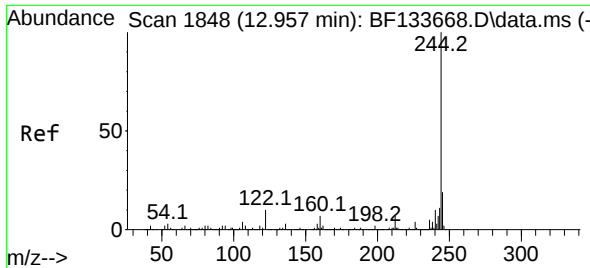
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#78
Pyrene
Concen: 10.646 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF133861.D
Acq: 20 Jun 2023 17:48

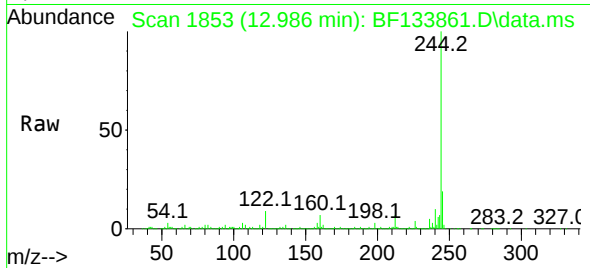
Tgt Ion:202 Resp: 158641
Ion Ratio Lower Upper
202 100
200 20.8 16.2 24.2
203 17.3 13.9 20.9





#79
 Terphenyl-d14
 Concen: 40.179 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133861.D
 Acq: 20 Jun 2023 17:48

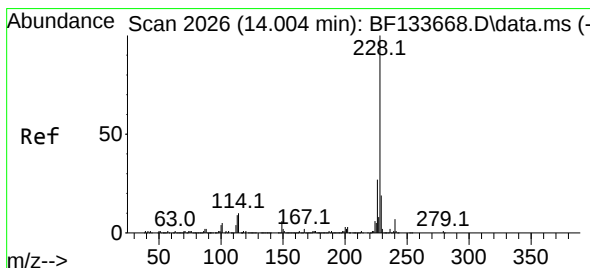
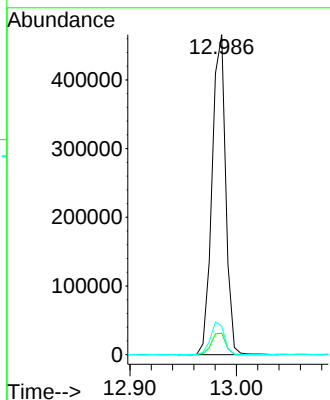
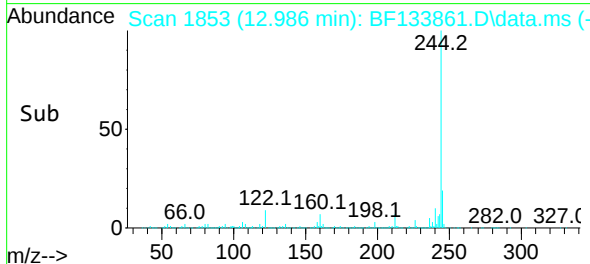
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSIT-SB-01/02



Tgt Ion:244 Resp: 415359
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 8.9 8.1 12.1

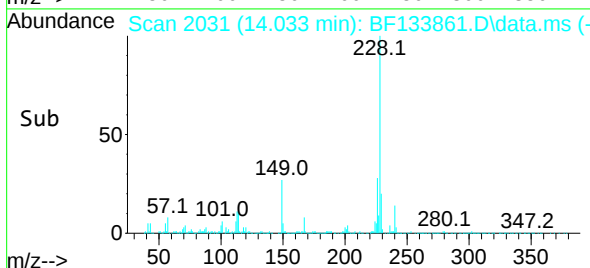
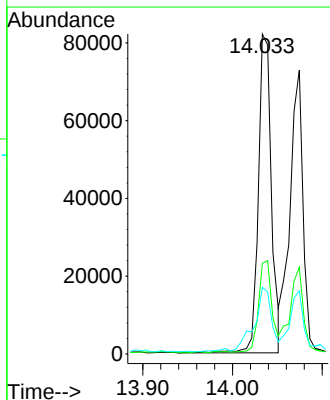
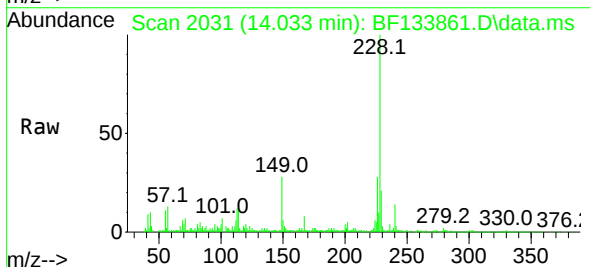
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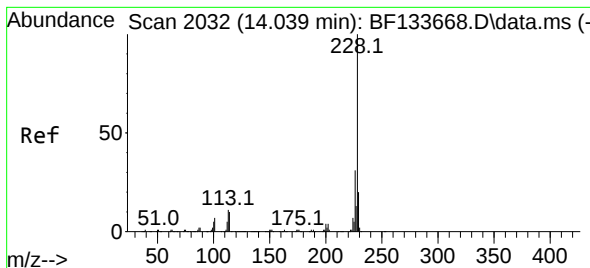
Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/21/2023



#81
 Benzo(a)anthracene
 Concen: 7.512 ng
 RT: 14.033 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: BF133861.D
 Acq: 20 Jun 2023 17:48

Tgt Ion:228 Resp: 83112
 Ion Ratio Lower Upper
 228 100
 226 28.3 21.7 32.5
 229 20.8 15.4 23.2





#83

Chrysene

Concen: 7.078 ng

RT: 14.074 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF133861.D

Acq: 20 Jun 2023 17:48

Instrument :

BNA_F

ClientSampleId :

COMPOSIT-SB-01/02

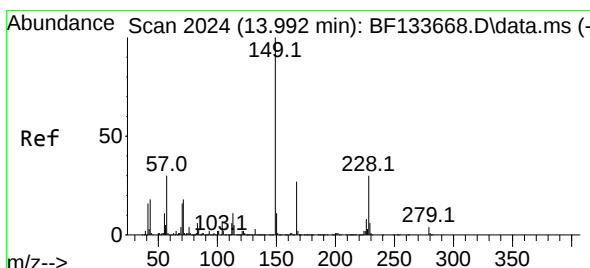
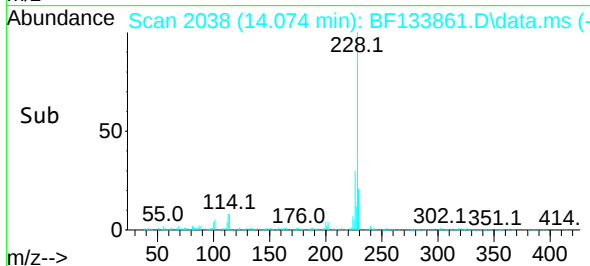
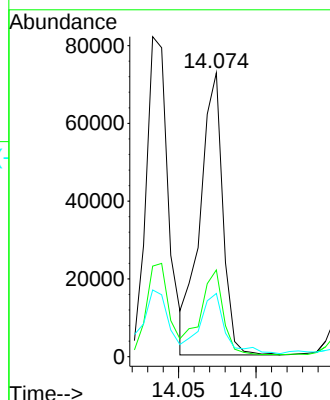
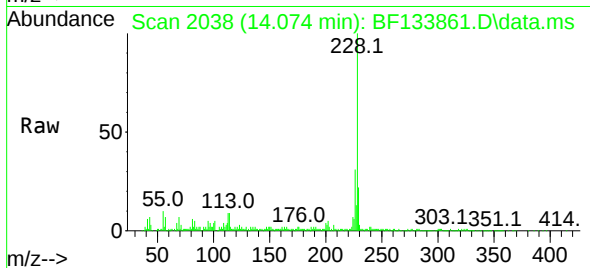
Tgt Ion:228	Resp:	7407
Ion Ratio	Lower	Upper
228	100	
226	30.6	25.0 37.6
229	22.3	15.8 23.8

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Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.069 ng

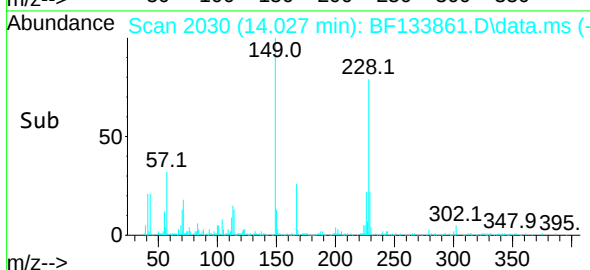
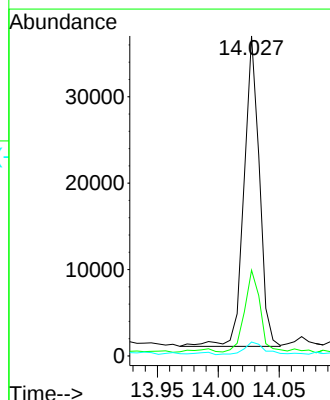
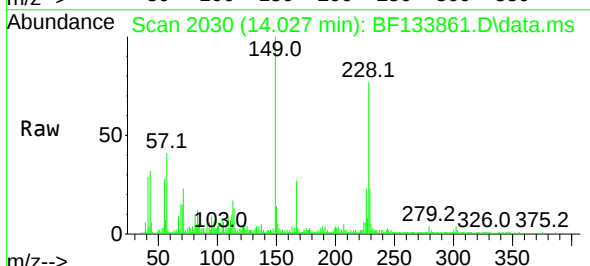
RT: 14.027 min Scan# 2030

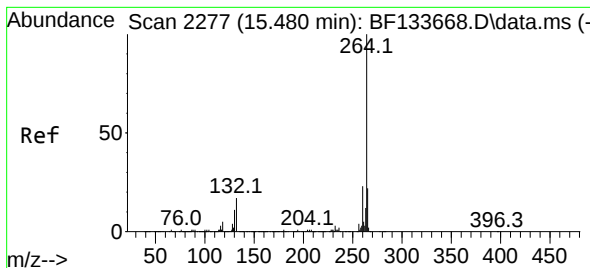
Delta R.T. 0.000 min

Lab File: BF133861.D

Acq: 20 Jun 2023 17:48

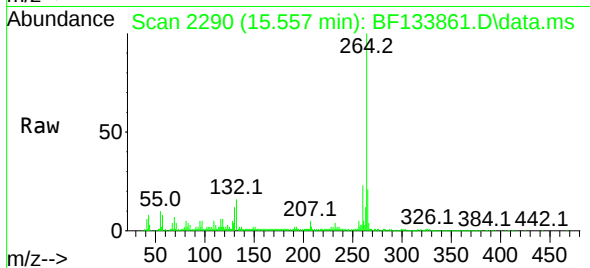
Tgt Ion:149	Resp:	31517
Ion Ratio	Lower	Upper
149	100	
167	26.8	21.8 32.8
279	4.4	3.3 4.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF133861.D
Acq: 20 Jun 2023 17:48

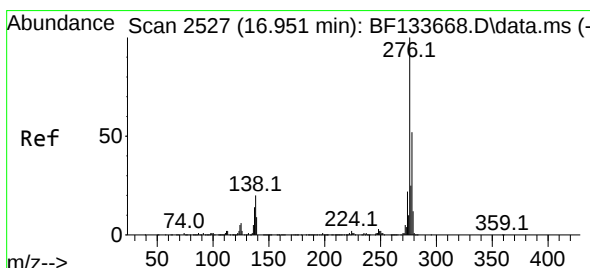
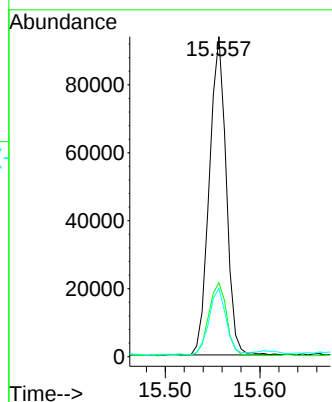
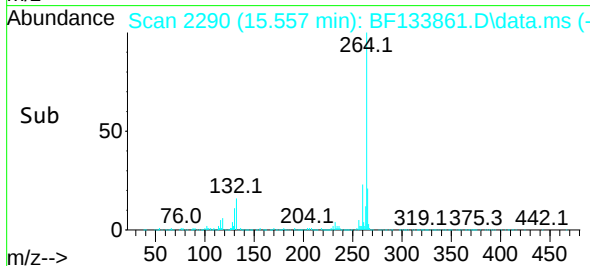
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-01/02



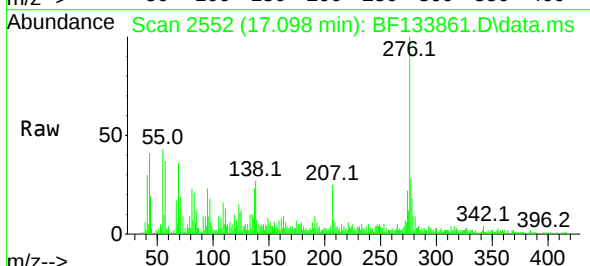
Tgt Ion:264 Resp: 11587
Ion Ratio Lower Upper
264 100
260 23.1 18.2 27.2
265 21.3 17.8 26.6

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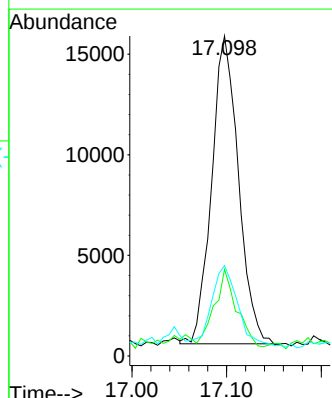
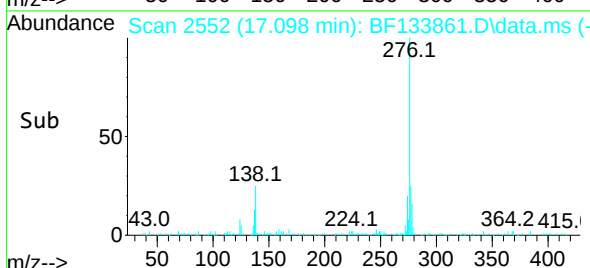
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

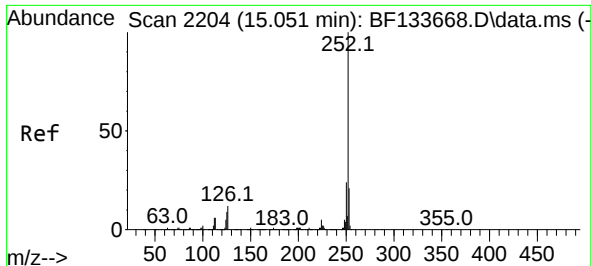


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.763 ng
RT: 17.098 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BF133861.D
Acq: 20 Jun 2023 17:48



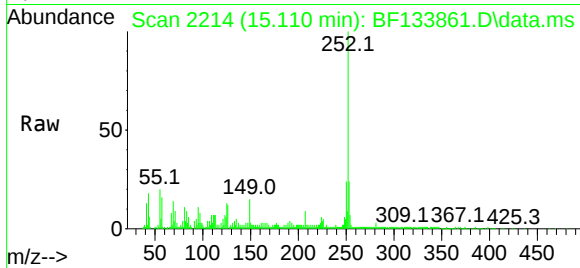
Tgt Ion:276 Resp: 29999
Ion Ratio Lower Upper
276 100
138 20.9 17.9 26.9
277 26.3 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 11.191 ng m
RT: 15.110 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BF133861.D
Acq: 20 Jun 2023 17:48

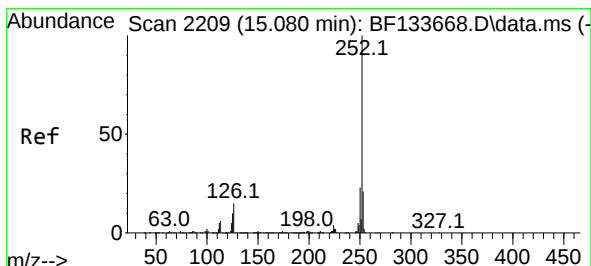
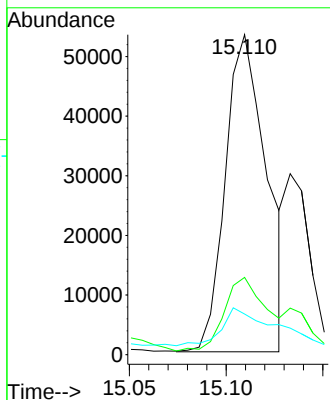
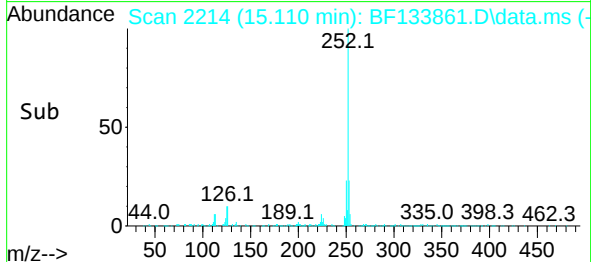
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-01/02



Tgt Ion:252 Resp: 78769
Ion Ratio Lower Upper
252 100
253 24.1 17.0 25.6
125 12.7 7.3 10.9

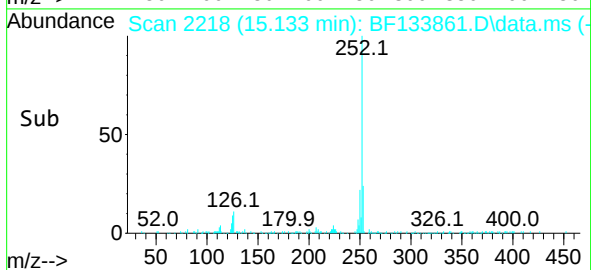
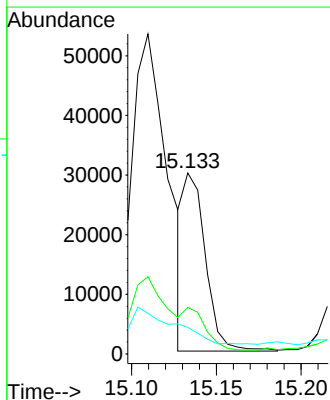
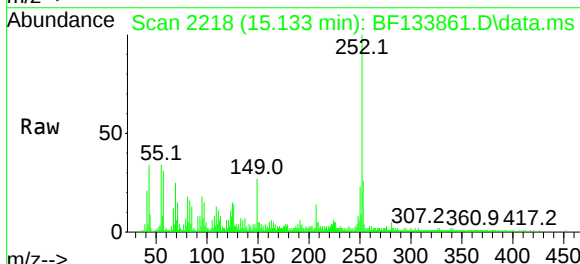
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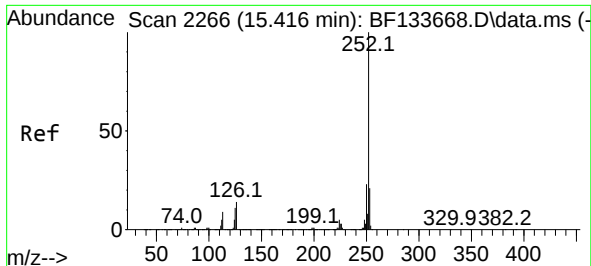
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#89
Benzo(k)fluoranthene
Concen: 3.920 ng m
RT: 15.133 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BF133861.D
Acq: 20 Jun 2023 17:48

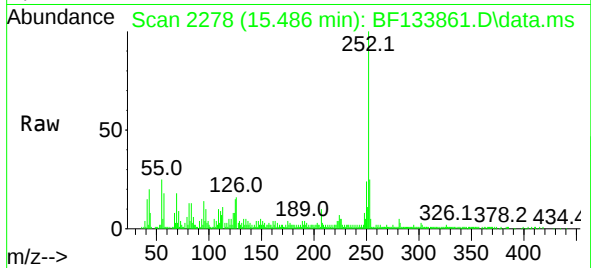
Tgt Ion:252 Resp: 26874
Ion Ratio Lower Upper
252 100
253 25.7 17.0 25.4#
125 14.7 7.8 11.6#





#90
Benzo(a)pyrene
Concen: 7.522 ng
RT: 15.486 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133861.D
Acq: 20 Jun 2023 17:48

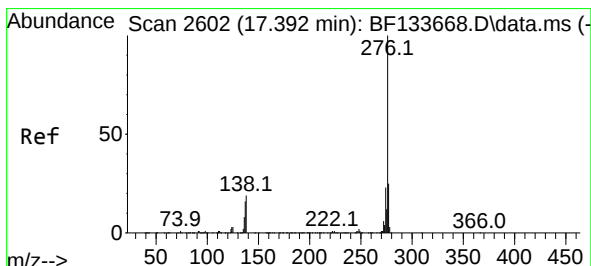
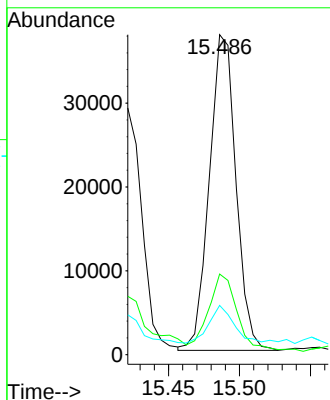
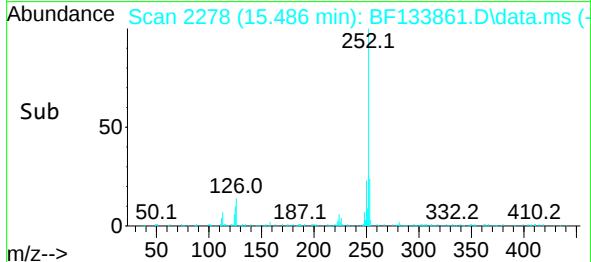
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-01/02



Tgt Ion:252 Resp: 4913
Ion Ratio Lower Upper
252 100
253 25.2 17.1 25.7
125 15.4 8.6 13.0

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



#92
Benzo(g,h,i)perylene
Concen: 5.054 ng
RT: 17.568 min Scan# 2632
Delta R.T. -0.006 min
Lab File: BF133861.D
Acq: 20 Jun 2023 17:48

Tgt Ion:276 Resp: 33069
Ion Ratio Lower Upper
276 100
277 25.6 19.8 29.8
138 24.3 15.0 22.4

