

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062023\
 Data File : BF133862.D
 Acq On : 20 Jun 2023 18:21
 Operator : CG\JU
 Sample : 03224-07RE 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSIT-SB-10RE

Quant Time: Jun 21 00:13:44 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	81709	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	283812	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	122801	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	250759	20.000	ng	0.00
76) Chrysene-d12	14.045	240	191395	20.000	ng	0.00
86) Perylene-d12	15.557	264	137660	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	189779	40.435	ng	0.00
7) Phenol-d6	6.492	99	219546	35.936	ng	0.00
23) Nitrobenzene-d5	7.416	82	134735	25.857	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	57738	37.144	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	263635	30.518	ng	0.00
79) Terphenyl-d14	12.986	244	312504	25.265	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.410	178	109909	8.639	ng	99
72) Anthracene	11.463	178	27944	2.107	ng	97
75) Fluoranthene	12.610	202	239764	17.747	ng	99
78) Pyrene	12.839	202	232433	13.037	ng	99
81) Benzo(a)anthracene	14.039	228	111944	8.456	ng	97
83) Chrysene	14.074	228	108719	8.683	ng	96
84) Bis(2-ethylhexyl)phtha...	14.027	149	33988	3.667	ng	98
87) Indeno(1,2,3-cd)pyrene	17.098	276	42422	4.479	ng	97
88) Benzo(b)fluoranthene	15.110	252	107374m	12.840	ng	
89) Benzo(k)fluoranthene	15.133	252	39201m	4.812	ng	
90) Benzo(a)pyrene	15.492	252	69269	8.925	ng	96
92) Benzo(g,h,i)perylene	17.568	276	41772	5.373	ng	# 95

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

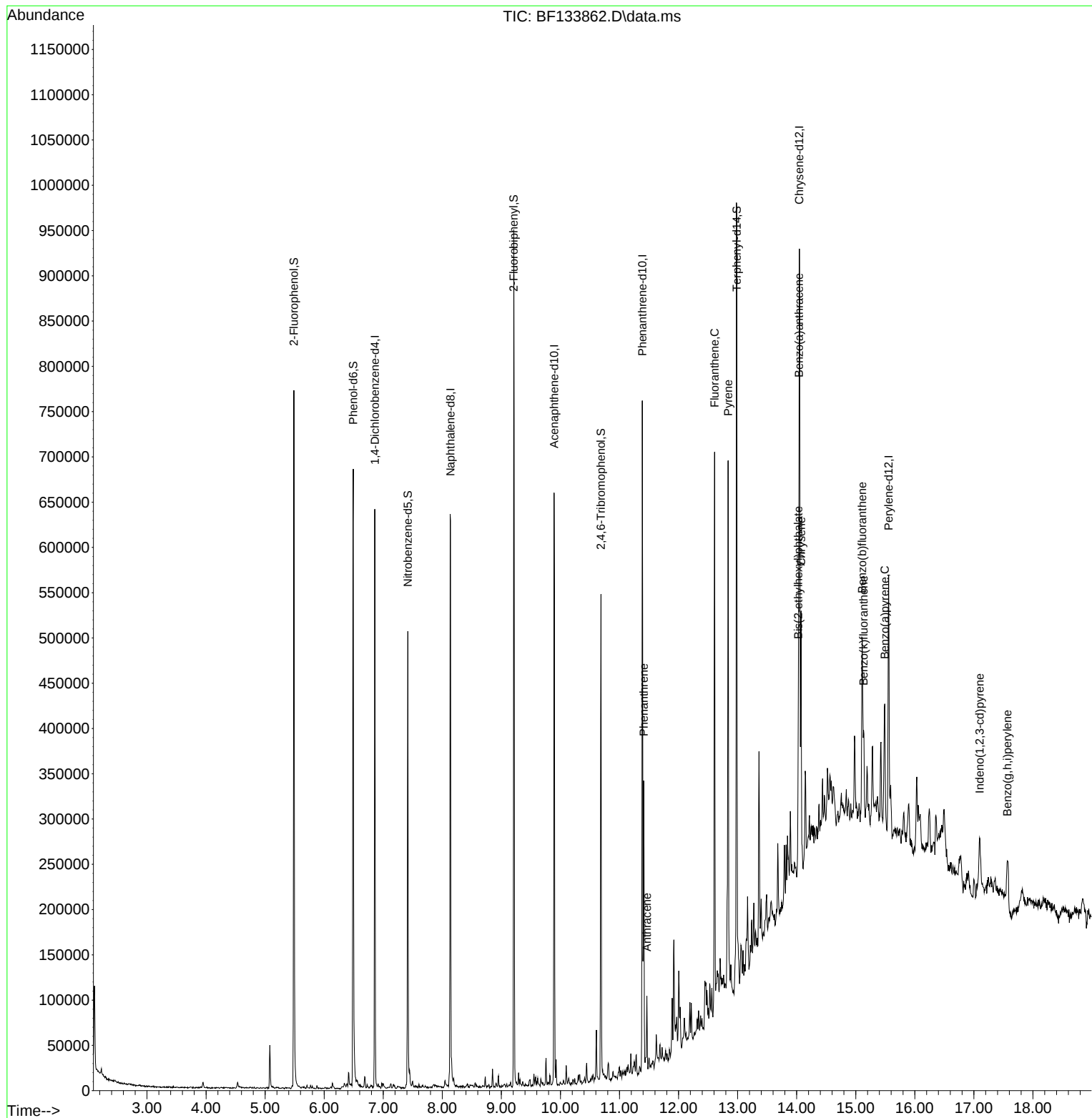
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062023\
Data File : BF133862.D
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ALS Vial : 20 Sample Multiplier: 1

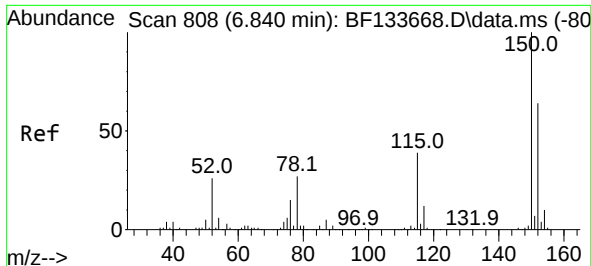
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Quant Time: Jun 21 00:13:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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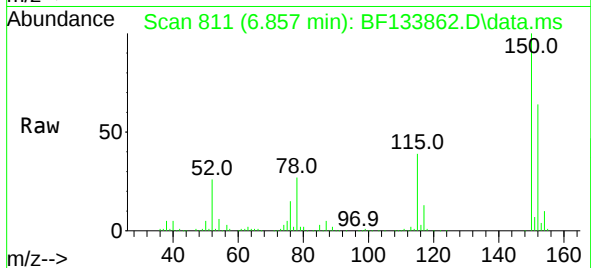
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133862.D
Acq: 20 Jun 2023 18:21

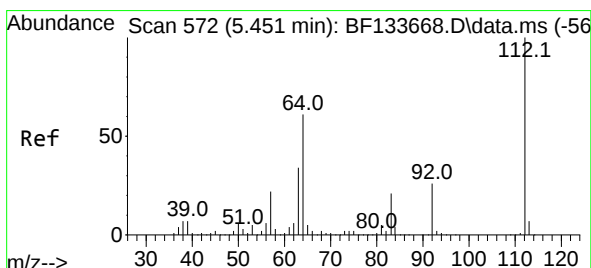
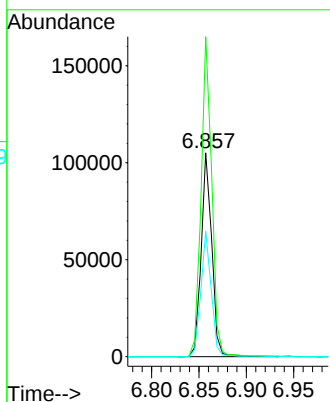
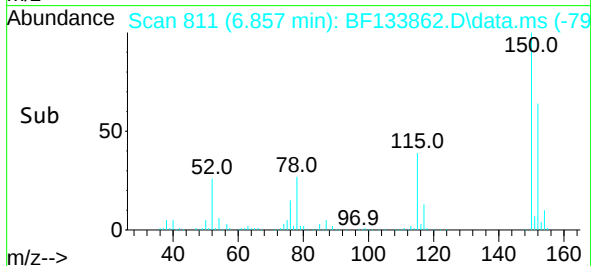
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-10RE



Tgt Ion:152 Resp: 81709
Ion Ratio Lower Upper
152 100
150 157.0 124.3 186.5
115 61.6 48.5 72.7

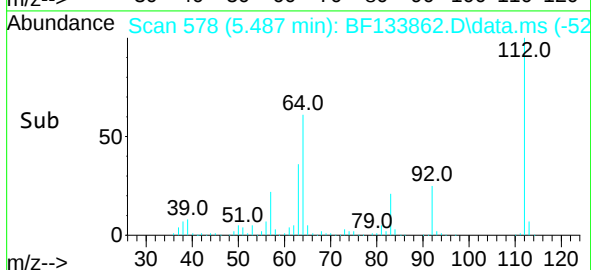
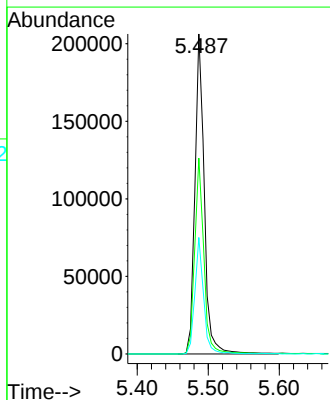
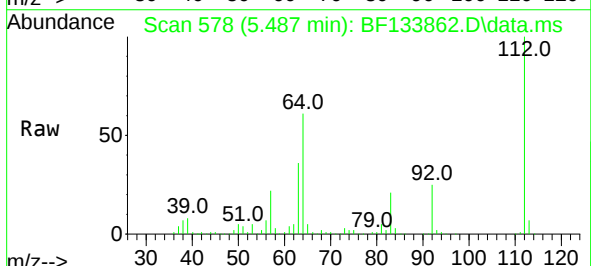
Manual Integrations
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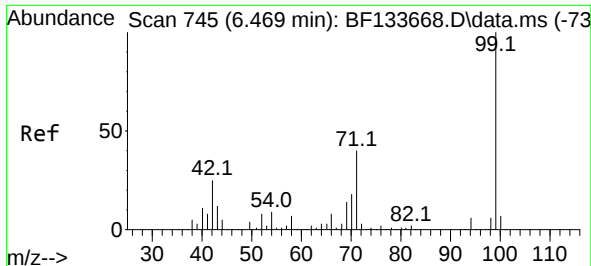
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#5
2-Fluorophenol
Concen: 40.435 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF133862.D
Acq: 20 Jun 2023 18:21

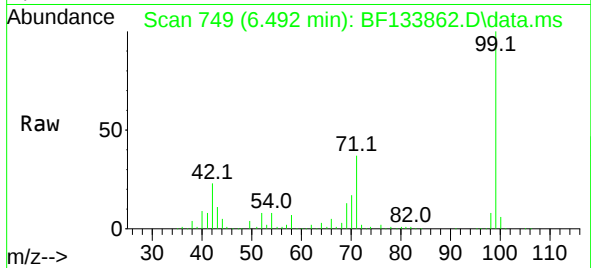
Tgt Ion:112 Resp: 189779
Ion Ratio Lower Upper
112 100
64 61.2 49.0 73.4
63 36.4 26.8 40.2





#7
Phenol-d6
Concen: 35.936 ng
RT: 6.492 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF133862.D
Acq: 20 Jun 2023 18:21

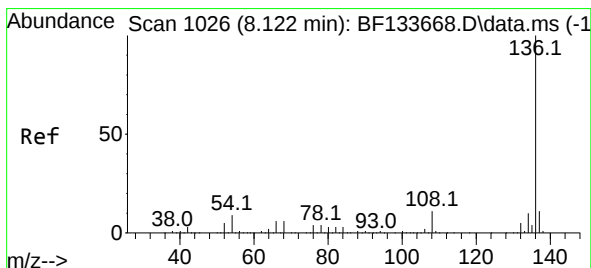
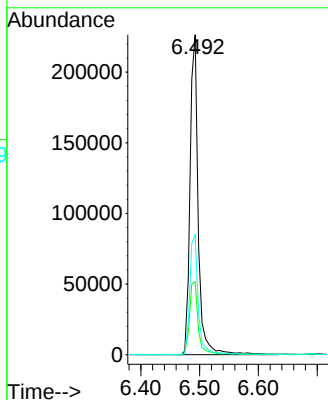
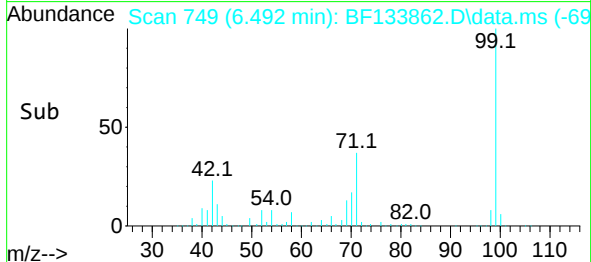
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-10RE



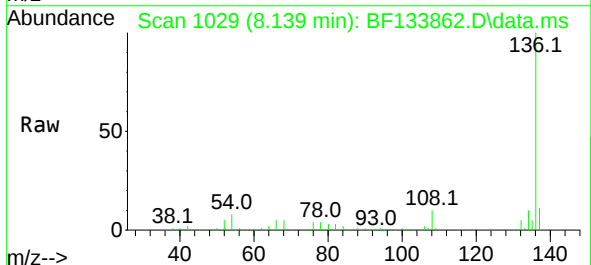
Tgt Ion: 99 Resp: 219540
Ion Ratio Lower Upper
99 100
42 22.8 19.9 29.9
71 37.5 32.2 48.4

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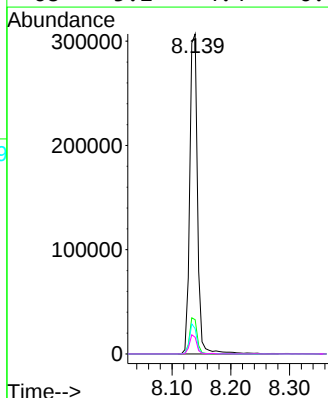
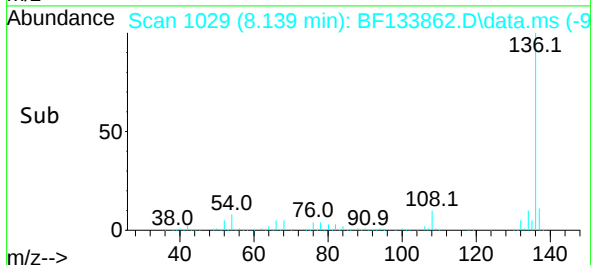
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

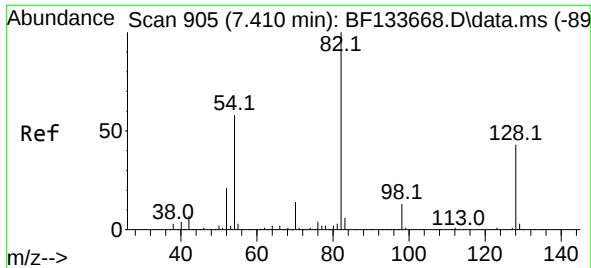


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133862.D
Acq: 20 Jun 2023 18:21



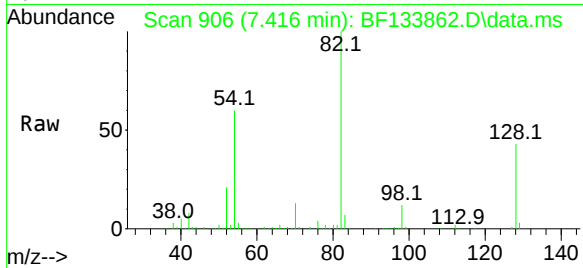
Tgt Ion:136 Resp: 283812
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.9 7.4 11.0
68 5.2 4.4 6.6





#23
Nitrobenzene-d5
Concen: 25.857 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF133862.D
Acq: 20 Jun 2023 18:21

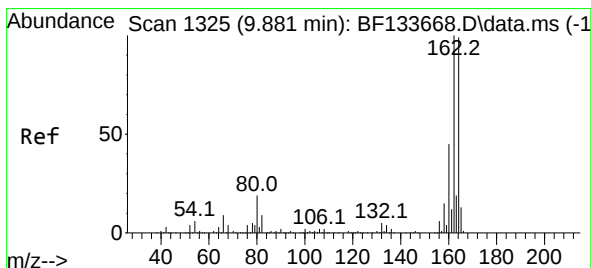
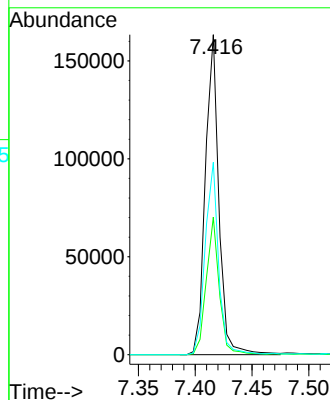
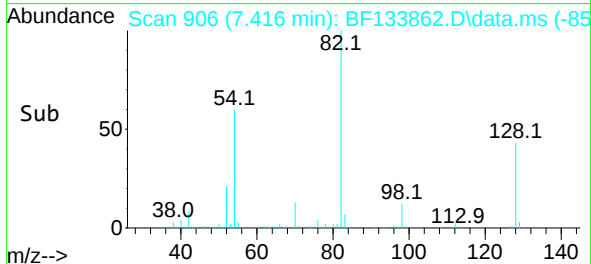
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-10RE



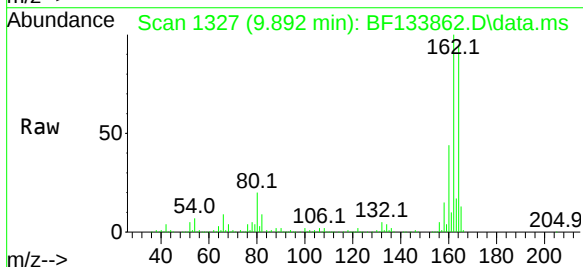
Tgt Ion: 82 Resp: 134735
Ion Ratio Lower Upper
82 100
128 43.0 34.2 51.2
54 60.1 46.5 69.7

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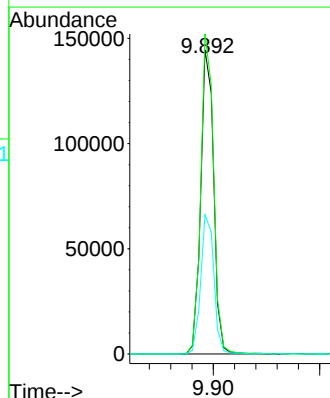
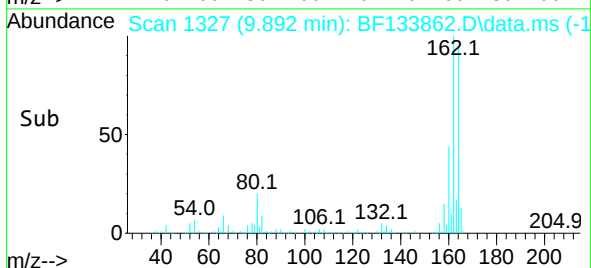
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

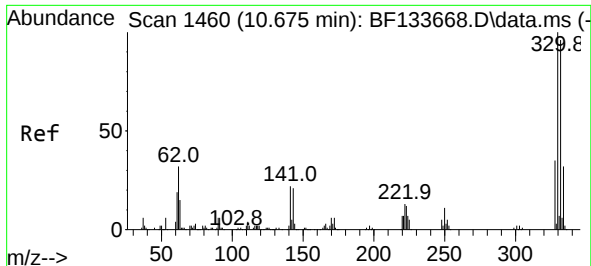


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF133862.D
Acq: 20 Jun 2023 18:21



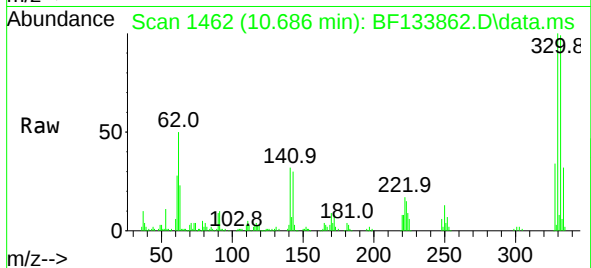
Tgt Ion:164 Resp: 122801
Ion Ratio Lower Upper
164 100
162 105.2 80.8 121.2
160 45.8 36.7 55.1





#42
2,4,6-Tribromophenol
Concen: 37.144 ng
RT: 10.686 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF133862.D
Acq: 20 Jun 2023 18:21

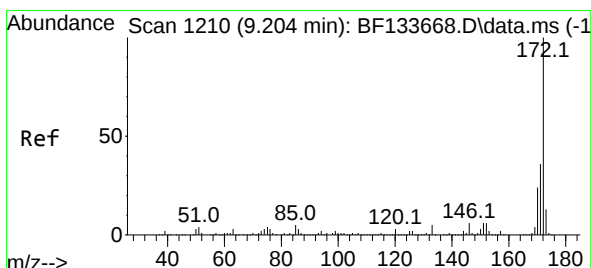
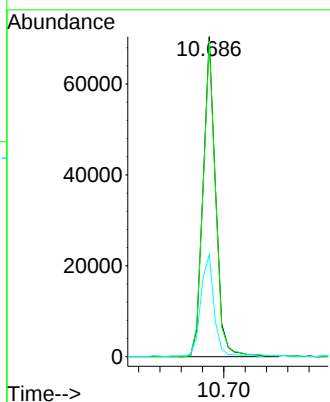
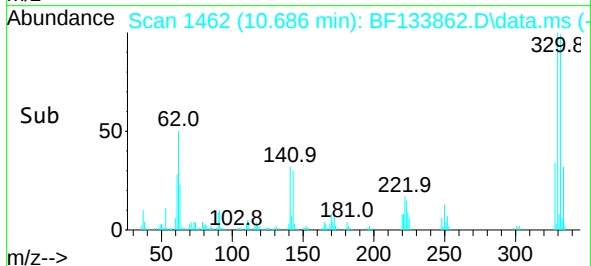
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-10RE



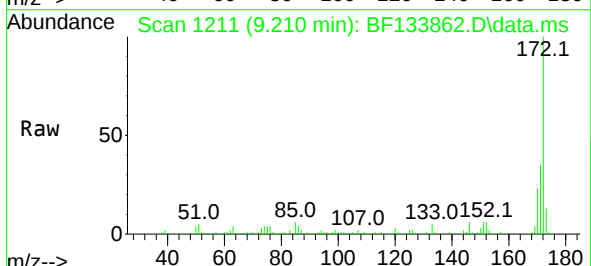
Tgt Ion: 330 Resp: 57738
Ion Ratio Lower Upper
330 100
332 99.5 77.2 115.8
141 34.5 24.9 37.3

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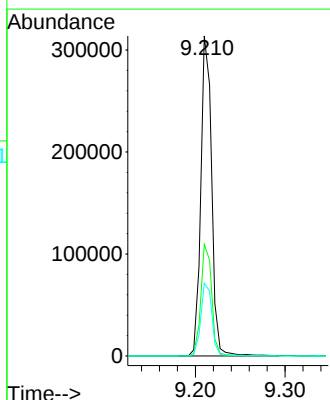
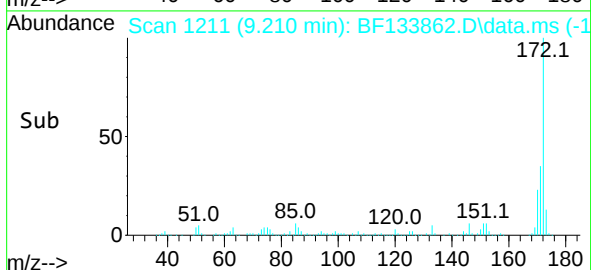
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

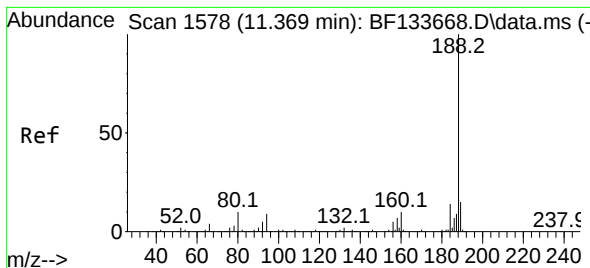


#45
2-Fluorobiphenyl
Concen: 30.518 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF133862.D
Acq: 20 Jun 2023 18:21



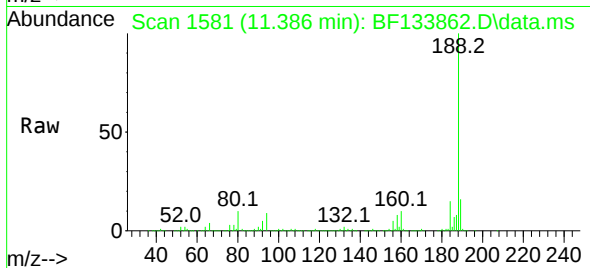
Tgt Ion: 172 Resp: 263635
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 22.8 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF133862.D
Acq: 20 Jun 2023 18:21

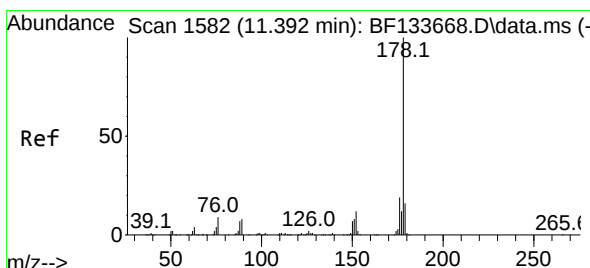
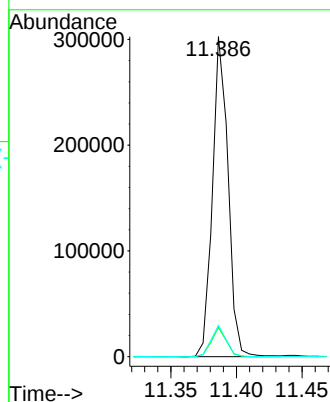
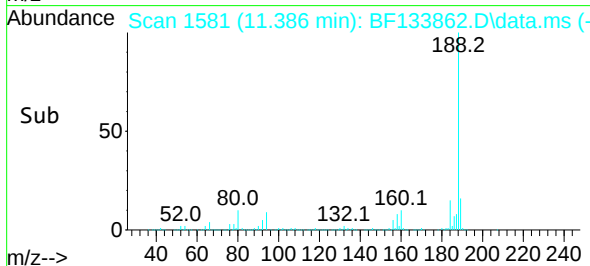
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BNA_F
ClientSampleId :
COMPOSIT-SB-10RE



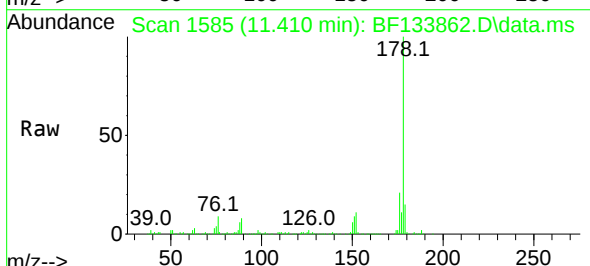
Tgt Ion:188 Resp: 250759
Ion Ratio Lower Upper
188 100
94 9.2 6.8 10.2
80 9.8 7.8 11.6

Manual Integrations
APPROVED

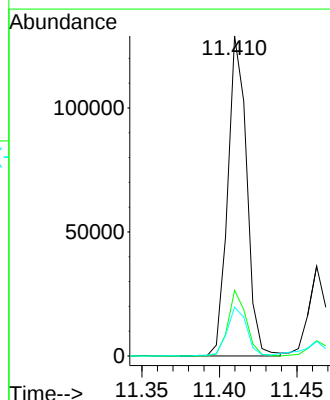
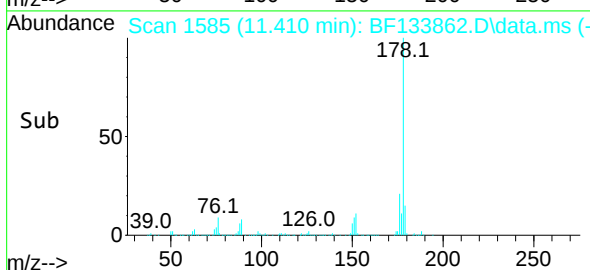
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

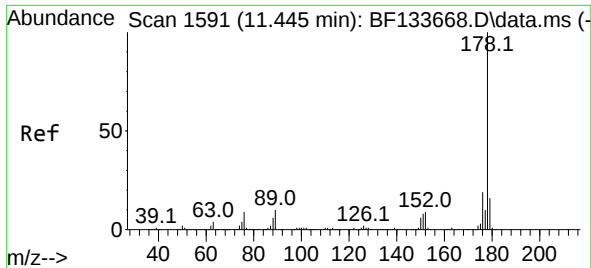


#71
Phenanthrene
Concen: 8.639 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF133862.D
Acq: 20 Jun 2023 18:21



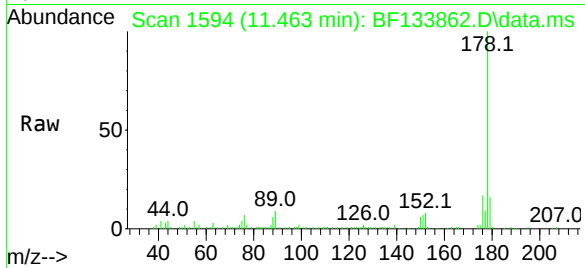
Tgt Ion:178 Resp: 109909
Ion Ratio Lower Upper
178 100
176 20.5 15.6 23.4
179 15.3 12.4 18.6





#72
 Anthracene
 Concen: 2.107 ng
 RT: 11.463 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133862.D
 Acq: 20 Jun 2023 18:21

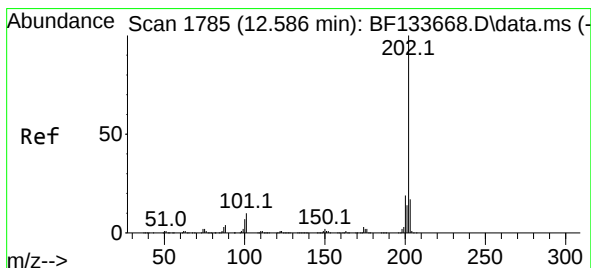
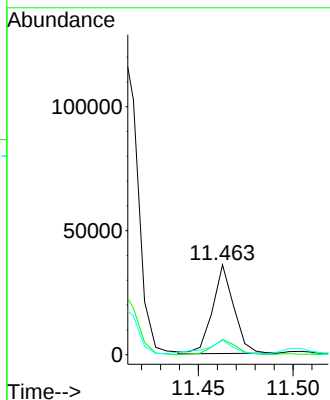
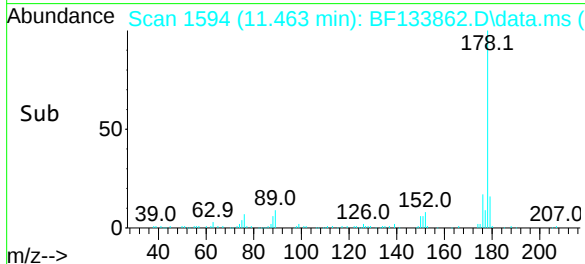
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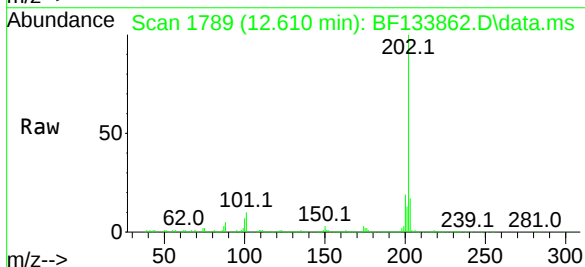
Tgt Ion:178 Resp: 27944
 Ion Ratio Lower Upper
 178 100
 176 16.8 15.1 22.7
 179 16.2 12.6 18.8

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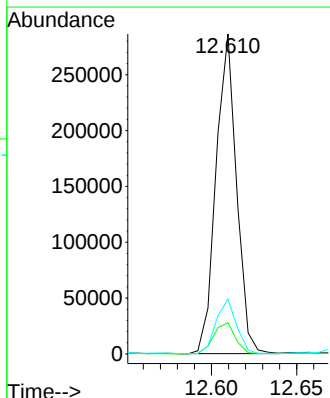
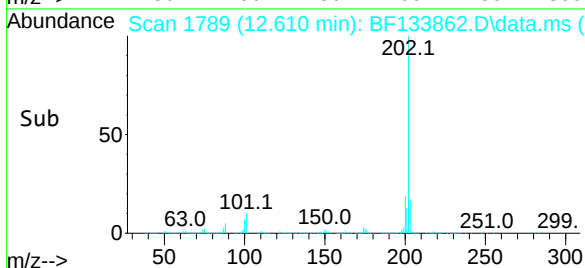
Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/21/2023

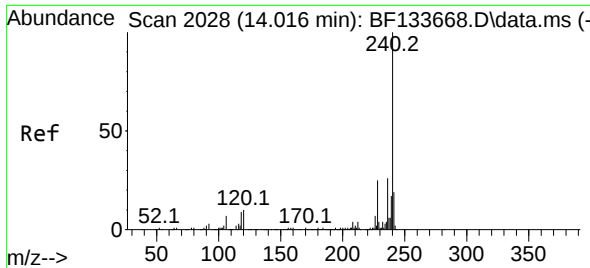


#75
 Fluoranthene
 Concen: 17.747 ng
 RT: 12.610 min Scan# 1789
 Delta R.T. 0.000 min
 Lab File: BF133862.D
 Acq: 20 Jun 2023 18:21



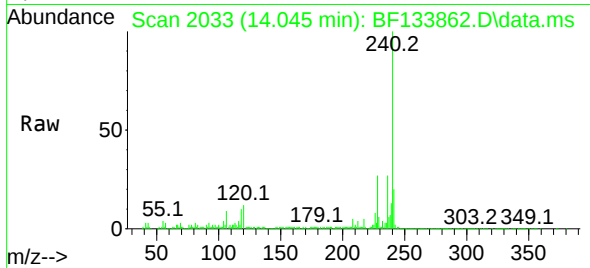
Tgt Ion:202 Resp: 239764
 Ion Ratio Lower Upper
 202 100
 101 9.8 0.0 29.6
 203 17.1 0.0 37.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF133862.D
Acq: 20 Jun 2023 18:21

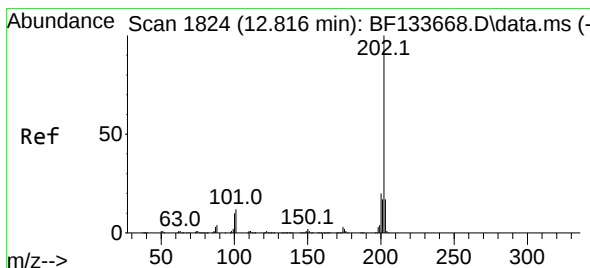
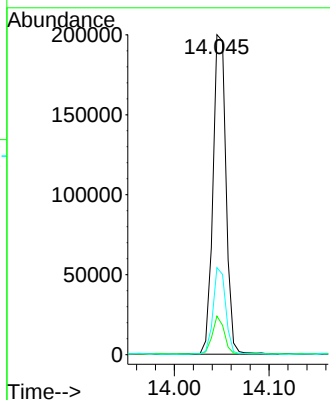
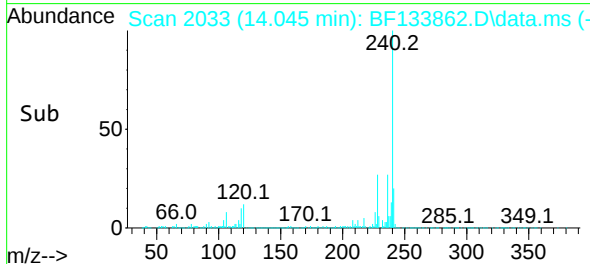
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-10RE



Tgt Ion:240 Resp: 191395
Ion Ratio Lower Upper
240 100
120 12.1 8.1 12.1
236 27.2 20.5 30.7

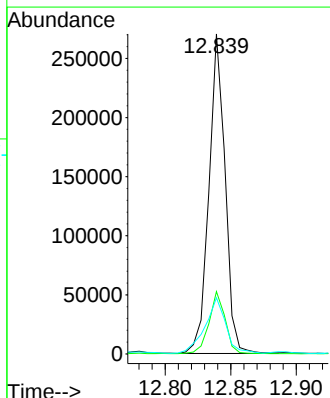
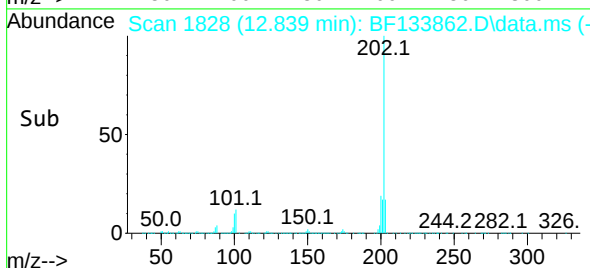
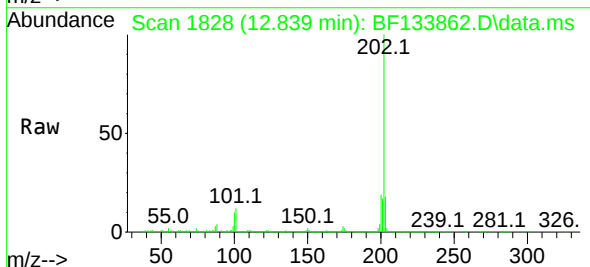
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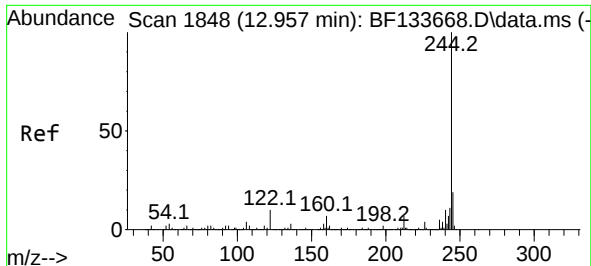
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#78
Pyrene
Concen: 13.037 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF133862.D
Acq: 20 Jun 2023 18:21

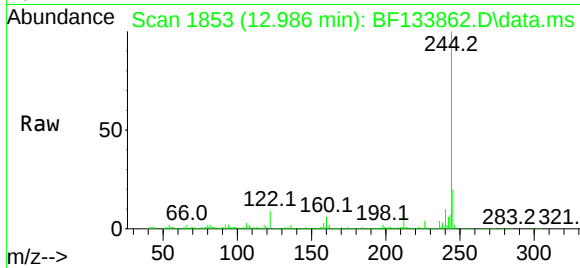
Tgt Ion:202 Resp: 232433
Ion Ratio Lower Upper
202 100
200 19.5 16.2 24.2
203 17.6 13.9 20.9





#79
 Terphenyl-d14
 Concen: 25.265 ng
 RT: 12.986 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133862.D
 Acq: 20 Jun 2023 18:21

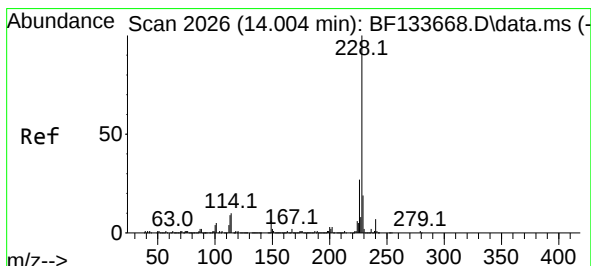
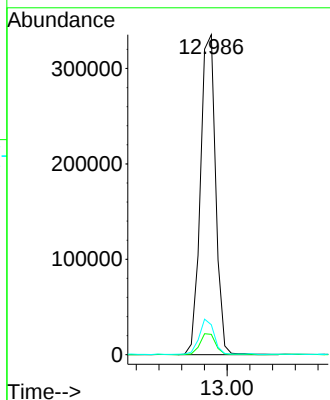
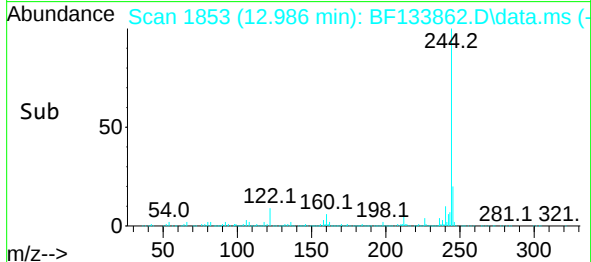
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSIT-SB-10RE



Tgt Ion:244 Resp: 312504
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.2
 122 9.4 8.1 12.1

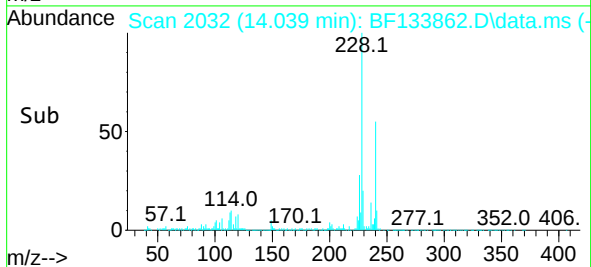
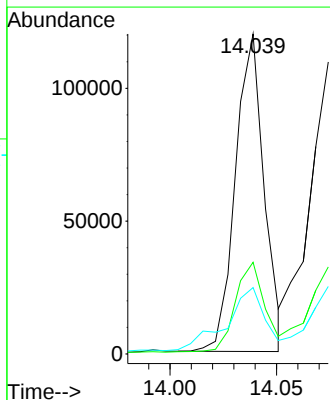
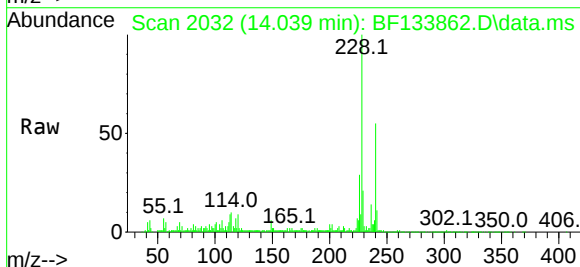
Manual Integrations
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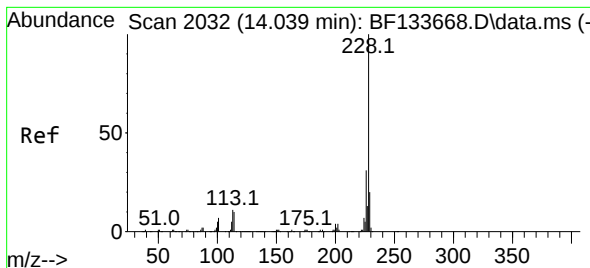
Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/21/2023



#81
 Benzo(a)anthracene
 Concen: 8.456 ng
 RT: 14.039 min Scan# 2032
 Delta R.T. 0.006 min
 Lab File: BF133862.D
 Acq: 20 Jun 2023 18:21

Tgt Ion:228 Resp: 111944
 Ion Ratio Lower Upper
 228 100
 226 28.7 21.7 32.5
 229 20.7 15.4 23.2





#83

Chrysene

Concen: 8.683 ng

RT: 14.074 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF133862.D

Acq: 20 Jun 2023 18:21

Instrument :

BNA_F

ClientSampleId :

COMPOSIT-SB-10RE

Tgt Ion:228 Resp: 108719

Ion Ratio Lower Upper

228 100

226 29.8 25.0 37.6

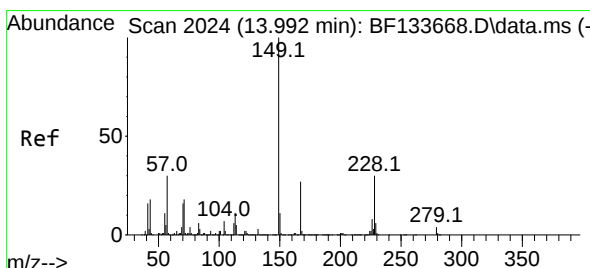
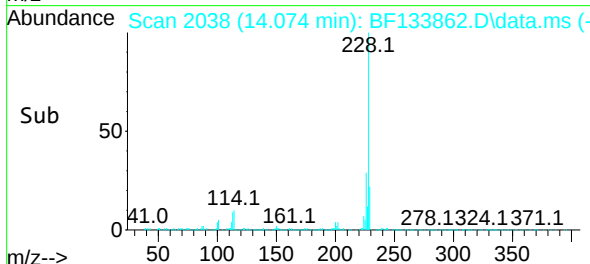
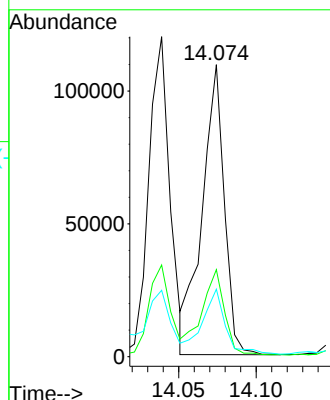
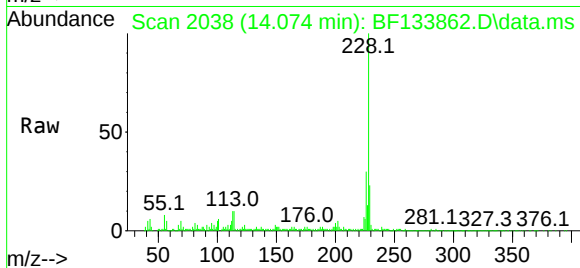
229 23.1 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.667 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF133862.D

Acq: 20 Jun 2023 18:21

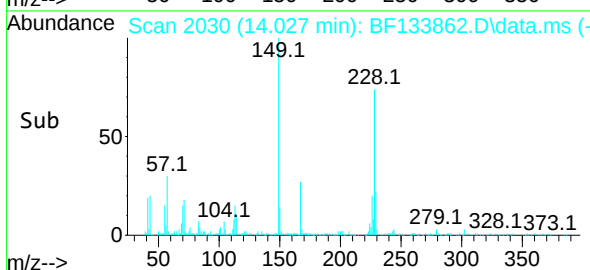
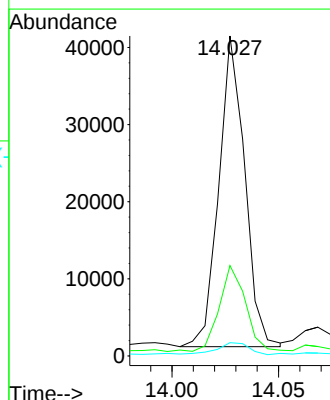
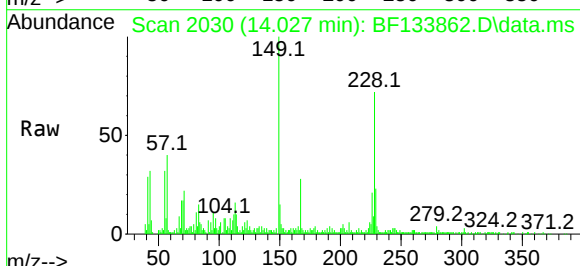
Tgt Ion:149 Resp: 33988

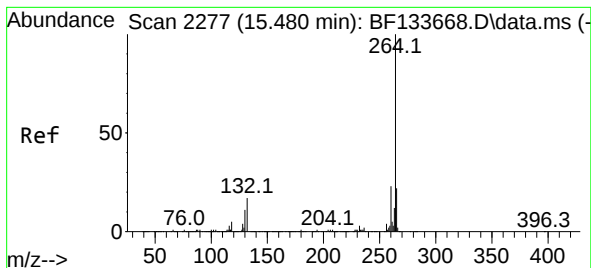
Ion Ratio Lower Upper

149 100

167 28.3 21.8 32.8

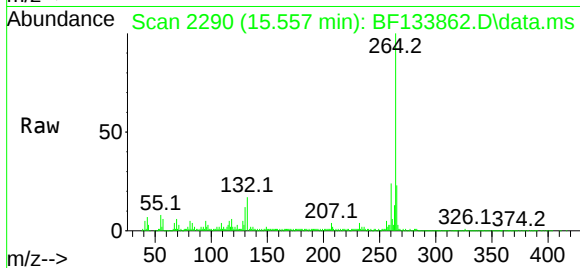
279 4.2 3.3 4.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF133862.D
Acq: 20 Jun 2023 18:21

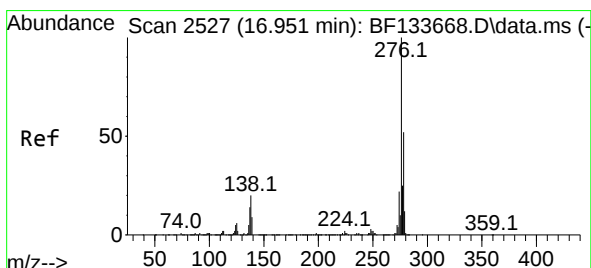
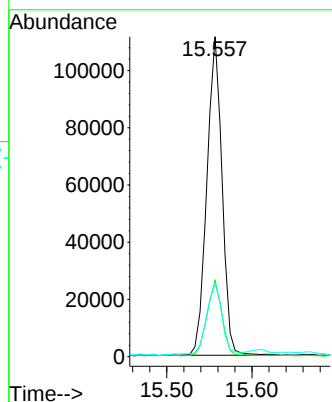
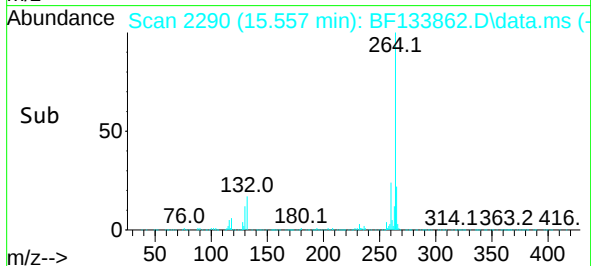
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-10RE



Tgt Ion:264 Resp: 137660
Ion Ratio Lower Upper
264 100
260 23.9 18.2 27.2
265 22.8 17.8 26.6

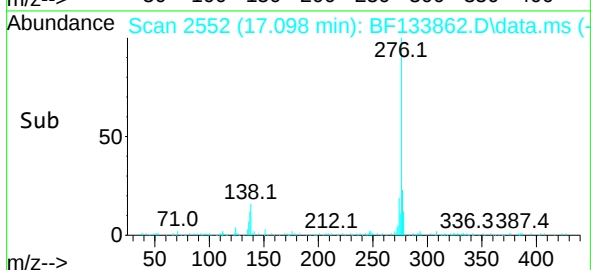
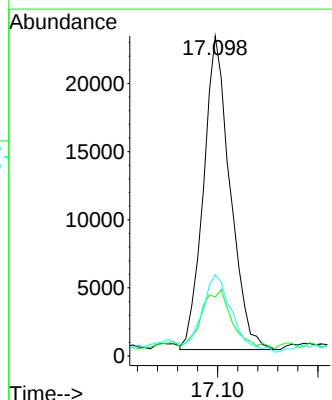
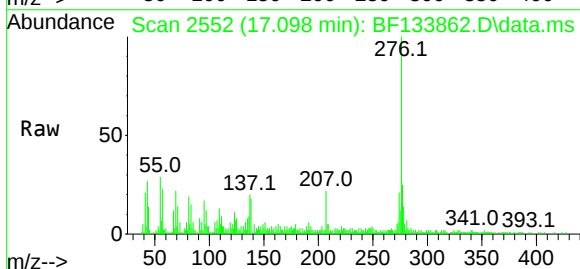
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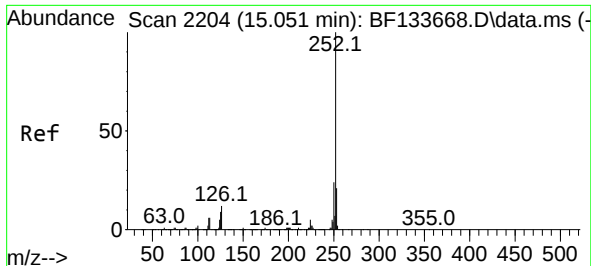
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.479 ng
RT: 17.098 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BF133862.D
Acq: 20 Jun 2023 18:21

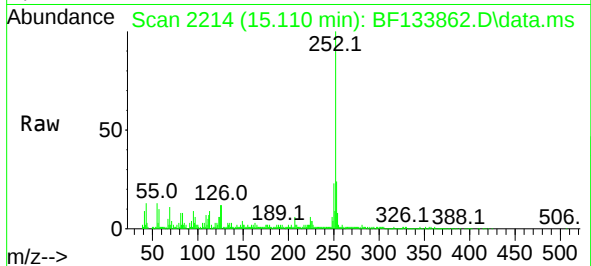
Tgt Ion:276 Resp: 42422
Ion Ratio Lower Upper
276 100
138 21.9 17.9 26.9
277 27.7 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 12.840 ng m
RT: 15.110 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BF133862.D
Acq: 20 Jun 2023 18:21

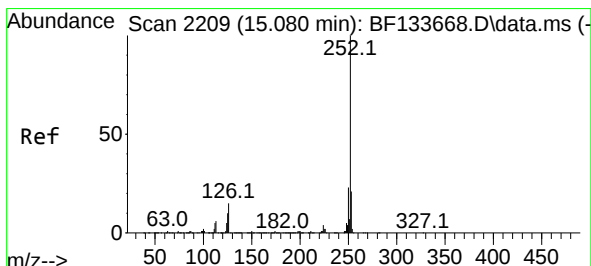
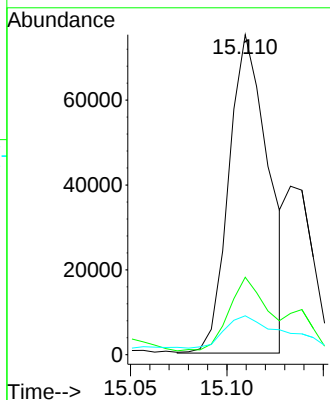
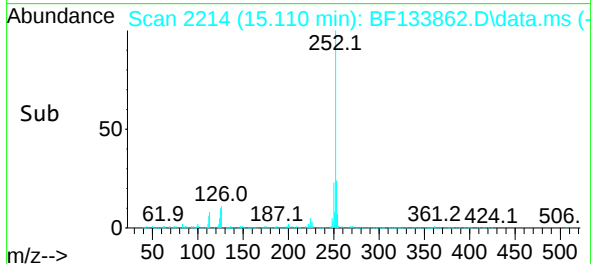
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-10RE



Tgt Ion:252 Resp: 107374
Ion Ratio Lower Upper
252 100
253 24.2 17.0 25.6
125 12.1 7.3 10.9

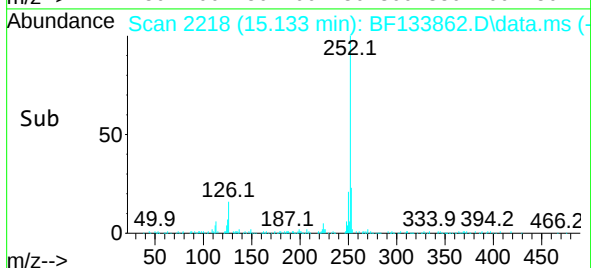
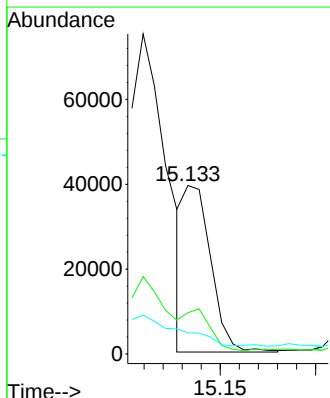
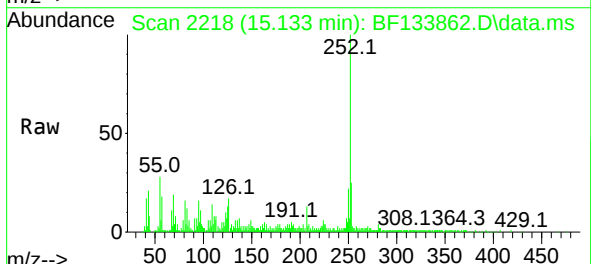
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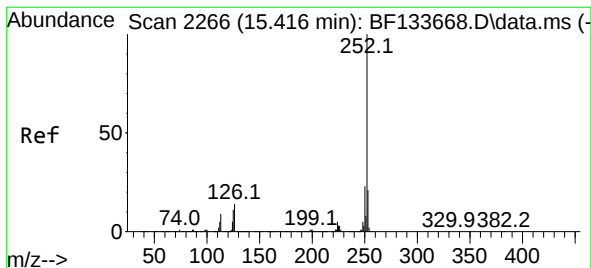
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#89
Benzo(k)fluoranthene
Concen: 4.812 ng m
RT: 15.133 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BF133862.D
Acq: 20 Jun 2023 18:21

Tgt Ion:252 Resp: 39201
Ion Ratio Lower Upper
252 100
253 24.5 17.0 25.4
125 12.7 7.8 11.6





#90

Benzo(a)pyrene

Concen: 8.925 ng

RT: 15.492 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133862.D

Acq: 20 Jun 2023 18:21

Instrument :

BNA_F

ClientSampleId :

COMPOSIT-SB-10RE

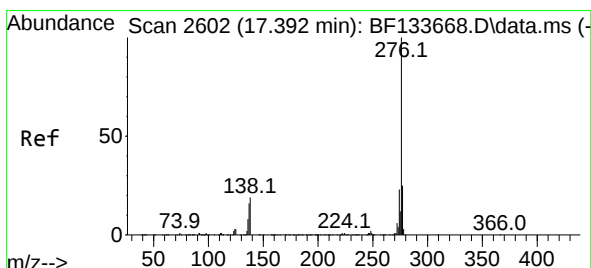
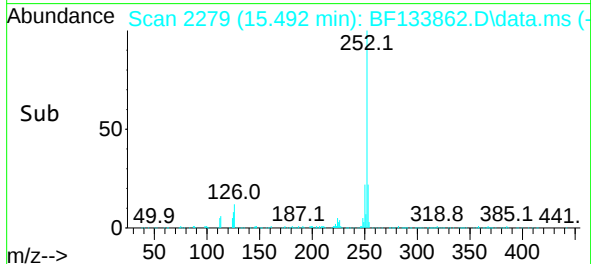
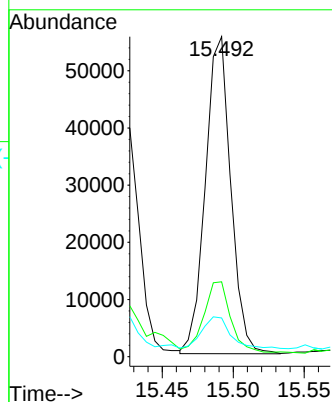
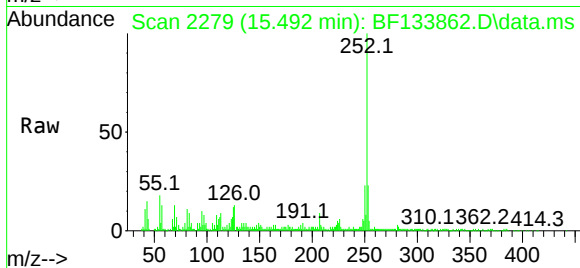
Tgt Ion:252 Resp: 69269
 Ion Ratio Lower Upper
 252 100
 253 23.4 17.1 25.7
 125 12.1 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#92

Benzo(g,h,i)perylene

Concen: 5.373 ng

RT: 17.568 min Scan# 2632

Delta R.T. -0.006 min

Lab File: BF133862.D

Acq: 20 Jun 2023 18:21

Tgt Ion:276 Resp: 41772
 Ion Ratio Lower Upper
 276 100
 277 25.2 19.8 29.8
 138 22.9 15.0 22.4#

