

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
 Data File : BF133819.D
 Acq On : 16 Jun 2023 21:54
 Operator : CG\JU
 Sample : 03224-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jun 17 00:12:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 14:54:03 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	80168	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	323196	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	127601	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	237915	20.000	ng	0.00
76) Chrysene-d12	14.051	240	148193	20.000	ng	0.00
86) Perylene-d12	15.557	264	127384	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	300202	65.191	ng	0.00
7) Phenol-d6	6.493	99	388988	64.895	ng	0.00
23) Nitrobenzene-d5	7.422	82	242229	40.822	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	87435	54.133	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	430690	47.980	ng	0.00
79) Terphenyl-d14	12.986	244	439853	45.927	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.416	178	91552	7.585	ng	99
75) Fluoranthene	12.610	202	185198	14.448	ng	99
78) Pyrene	12.839	202	174723	12.657	ng	98
81) Benzo(a)anthracene	14.039	228	72402	7.063	ng	96
83) Chrysene	14.074	228	66796m	6.890	ng	
84) Bis(2-ethylhexyl)phtha...	14.027	149	26118	3.640	ng	95
87) Indeno(1,2,3-cd)pyrene	17.104	276	29630	3.381	ng	99
88) Benzo(b)fluoranthene	15.110	252	75519m	9.759	ng	
89) Benzo(k)fluoranthene	15.139	252	17718m	2.351	ng	
90) Benzo(a)pyrene	15.492	252	48559	6.762	ng	95
92) Benzo(g,h,i)perylene	17.574	276	29712	4.130	ng	# 93

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

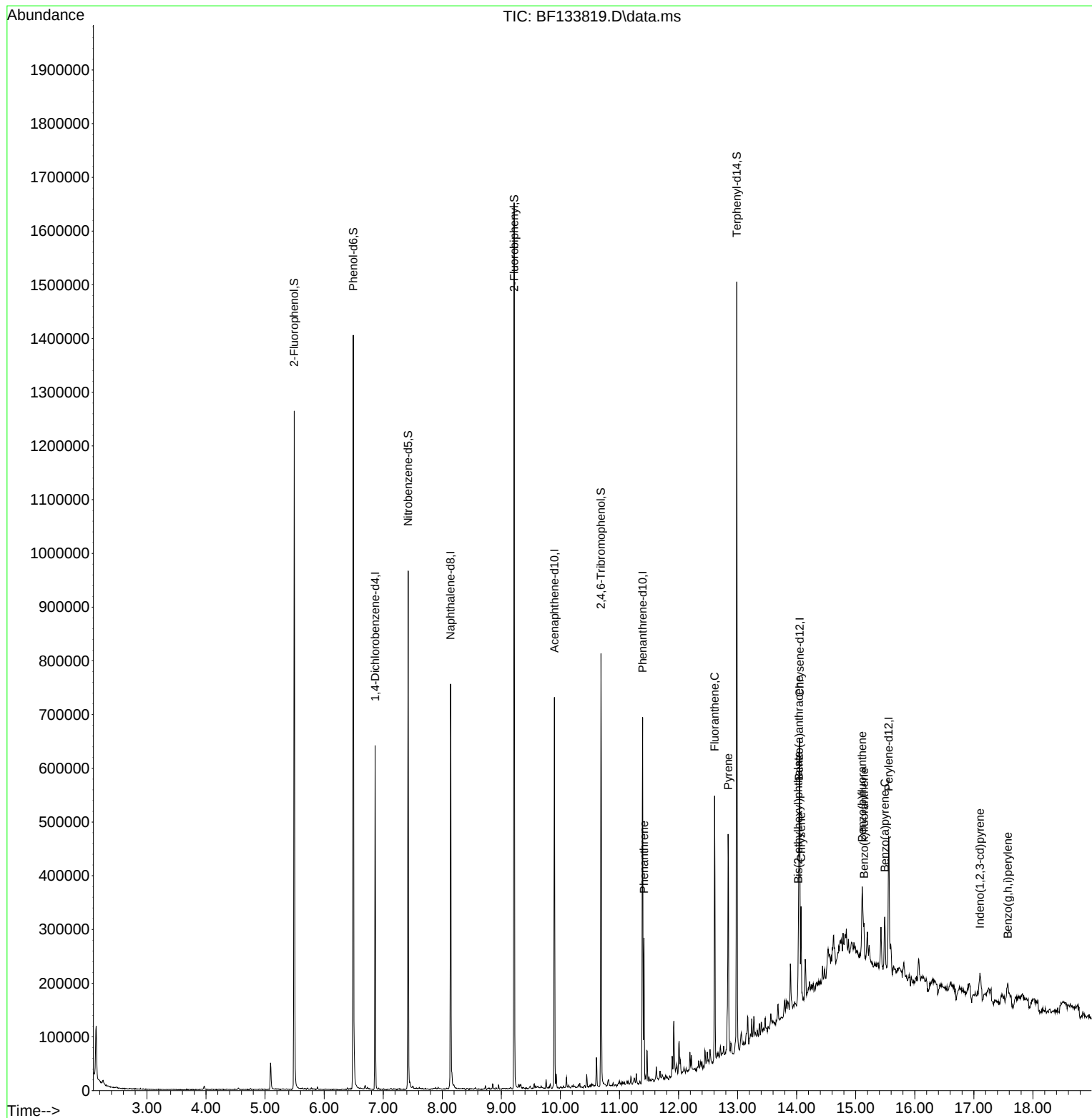
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133819.D
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Misc :
ALS Vial : 17 Sample Multiplier: 1

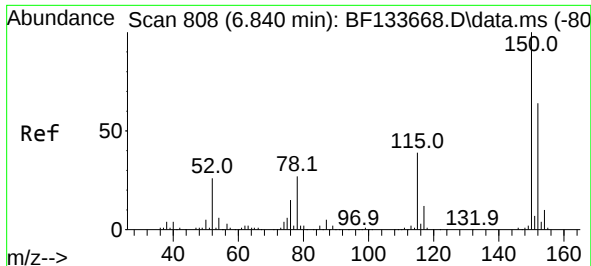
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Quant Time: Jun 17 00:12:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
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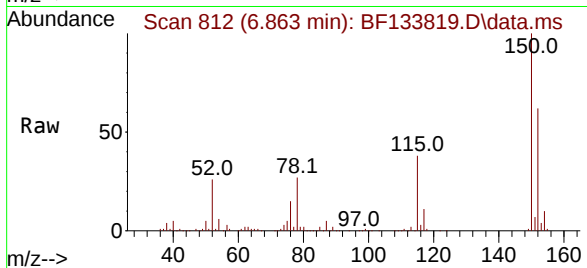
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF133819.D
Acq: 16 Jun 2023 21:54

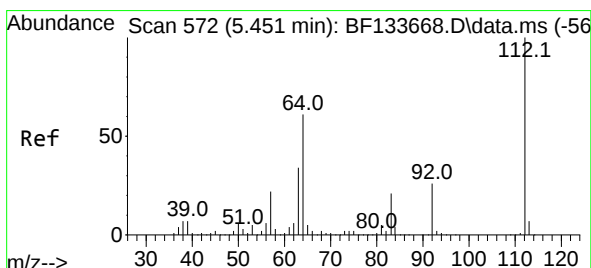
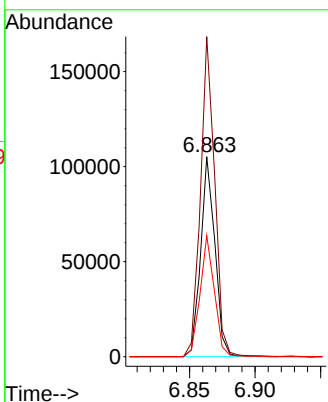
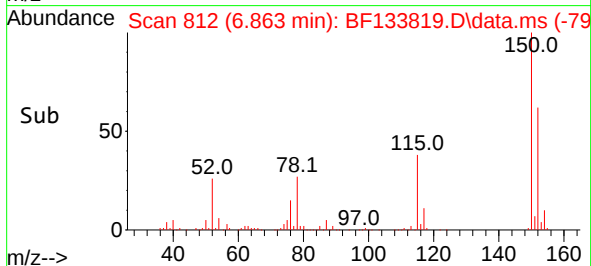
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-01/02



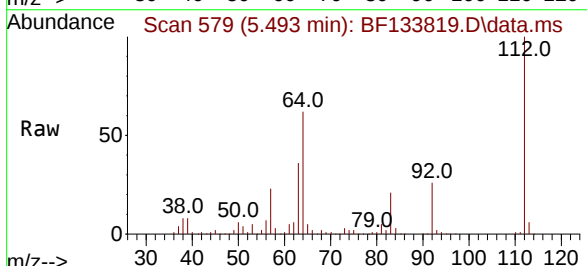
Tgt Ion:152 Resp: 80168
Ion Ratio Lower Upper
152 100
150 160.0 124.3 186.5
115 60.5 48.5 72.7

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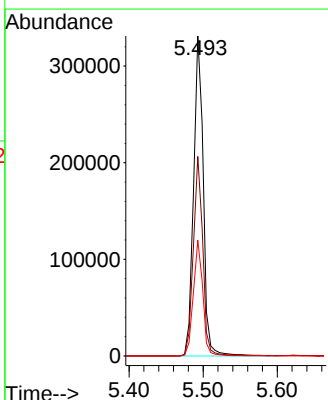
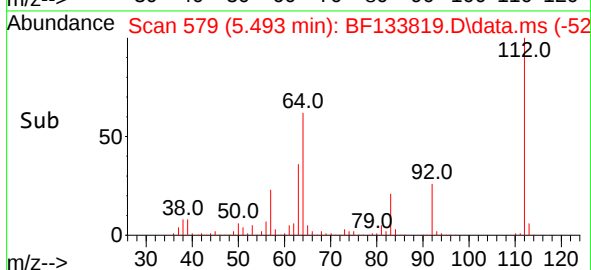
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

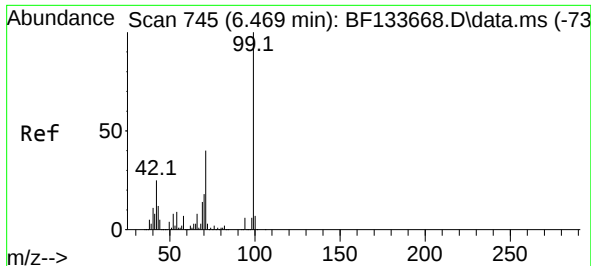


#5
2-Fluorophenol
Concen: 65.191 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF133819.D
Acq: 16 Jun 2023 21:54



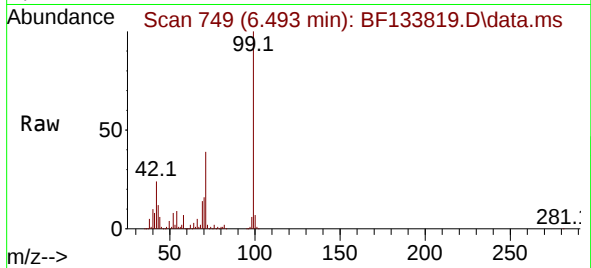
Tgt Ion:112 Resp: 300202
Ion Ratio Lower Upper
112 100
64 62.3 49.0 73.4
63 36.2 26.8 40.2





#7
Phenol-d6
Concen: 64.895 ng
RT: 6.493 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133819.D
Acq: 16 Jun 2023 21:54

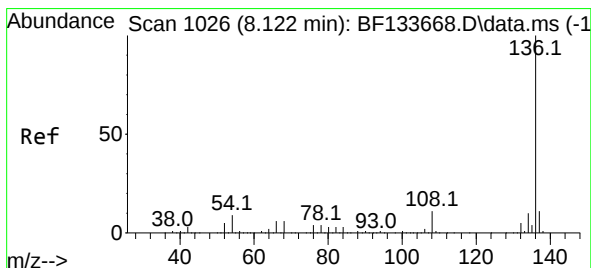
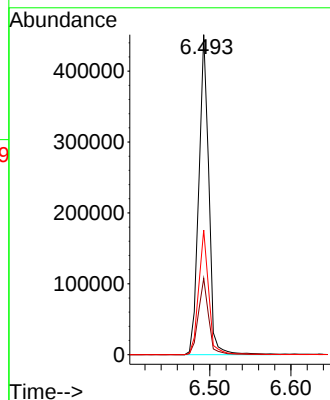
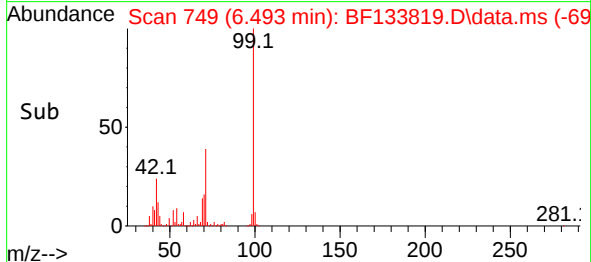
Instrument :
BNA_F
ClientSampleId :
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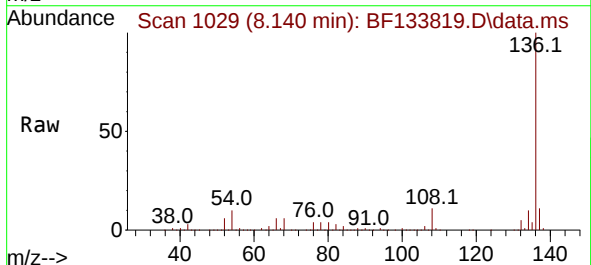
Tgt Ion: 99 Resp: 388988
Ion Ratio Lower Upper
99 100
42 23.8 19.9 29.9
71 39.0 32.2 48.4

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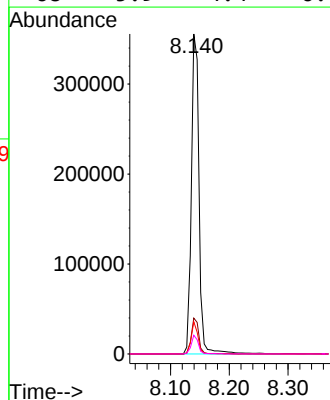
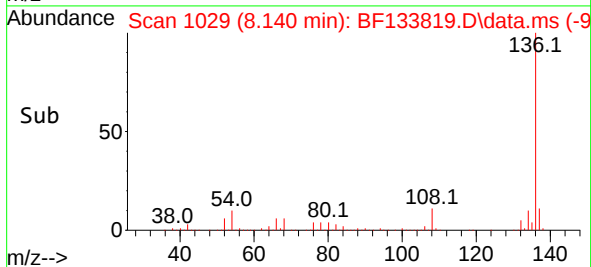
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

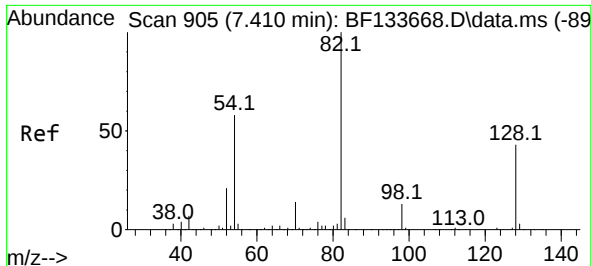


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF133819.D
Acq: 16 Jun 2023 21:54



Tgt Ion:136 Resp: 323196
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.1 7.4 11.0
68 5.9 4.4 6.6





#23

Nitrobenzene-d5

Concen: 40.822 ng

RT: 7.422 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133819.D

Acq: 16 Jun 2023 21:54

Instrument :

BNA_F

ClientSampleId :

COMPOSIT-SB-01/02

Tgt Ion: 82 Resp: 242229

Ion Ratio Lower Upper

82 100

128 43.0 34.2 51.2

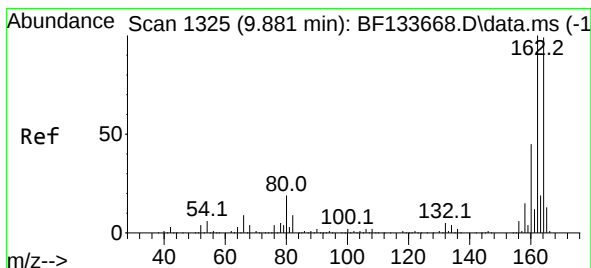
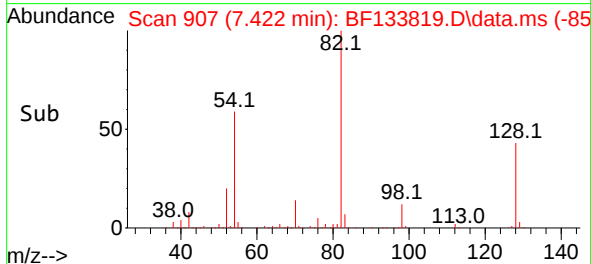
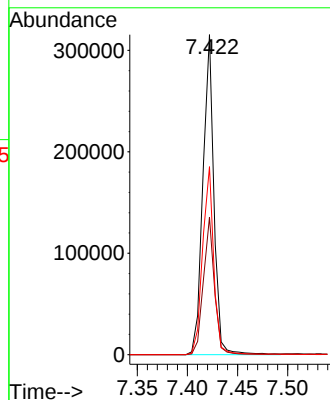
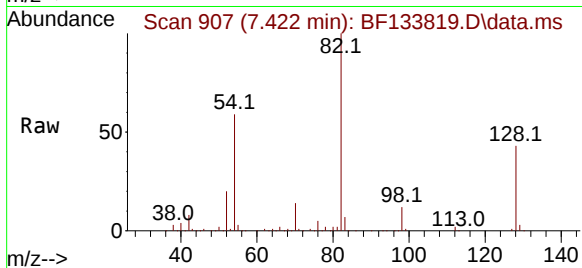
54 58.7 46.5 69.7

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF133819.D

Acq: 16 Jun 2023 21:54

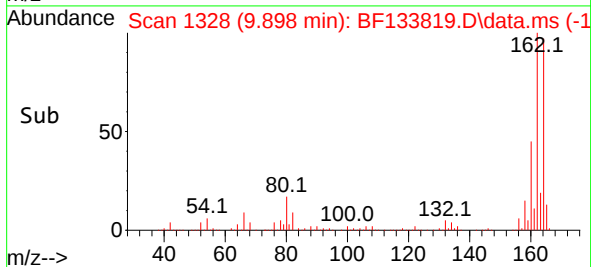
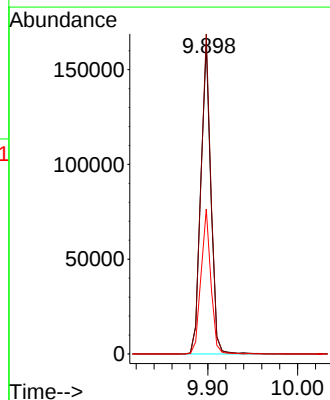
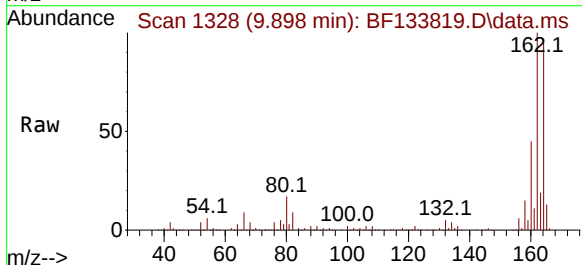
Tgt Ion:164 Resp: 127601

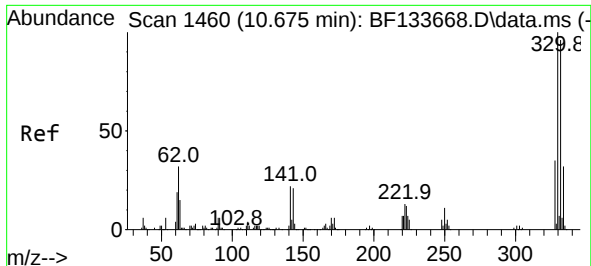
Ion Ratio Lower Upper

164 100

162 103.5 80.8 121.2

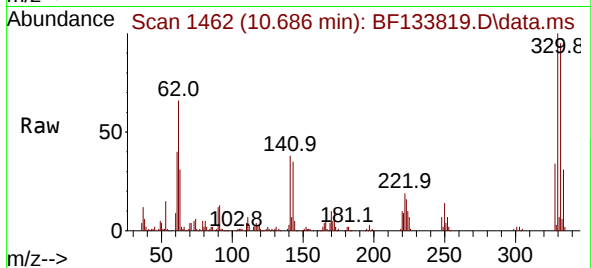
160 46.9 36.7 55.1





#42
2,4,6-Tribromophenol
Concen: 54.133 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF133819.D
Acq: 16 Jun 2023 21:54

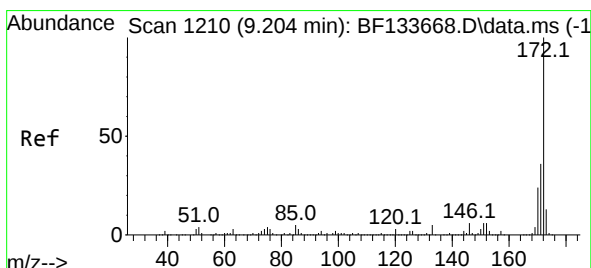
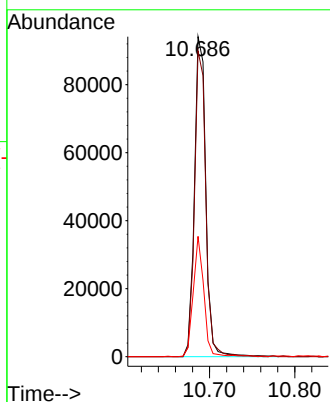
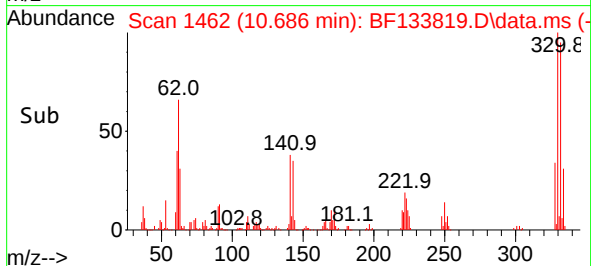
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-01/02



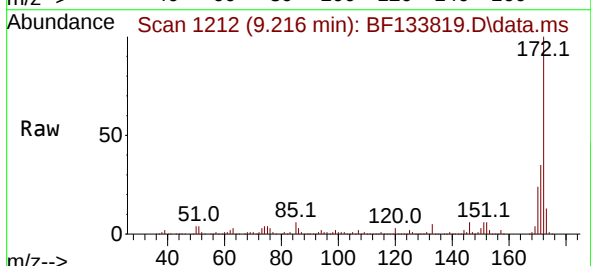
Tgt Ion: 330 Resp: 87435
Ion Ratio Lower Upper
330 100
332 94.7 77.2 115.8
141 35.1 24.9 37.3

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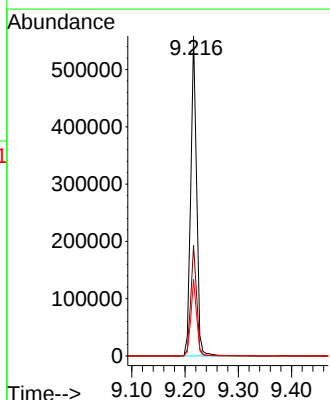
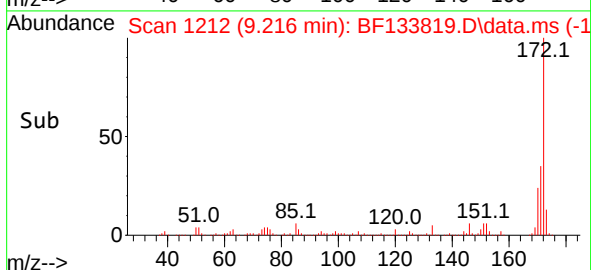
Reviewed By : Yogesh Patel 06/19/2023
Supervised By : mohammad ahmed 06/20/2023

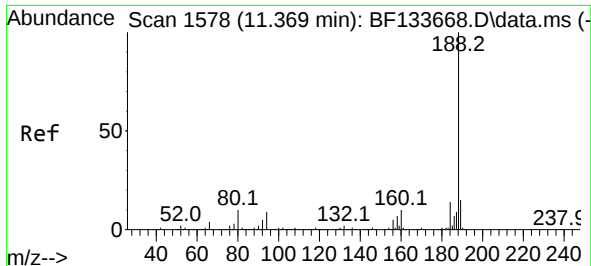


#45
2-Fluorobiphenyl
Concen: 47.980 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF133819.D
Acq: 16 Jun 2023 21:54



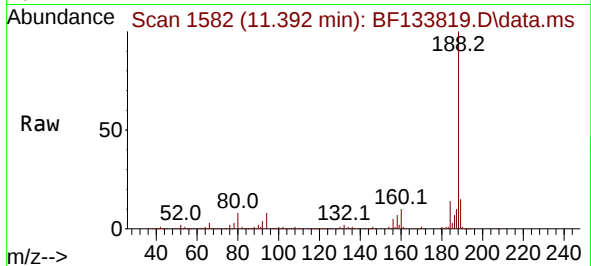
Tgt Ion: 172 Resp: 430690
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 24.0 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF133819.D
Acq: 16 Jun 2023 21:54

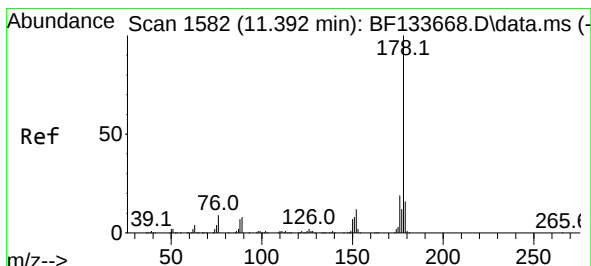
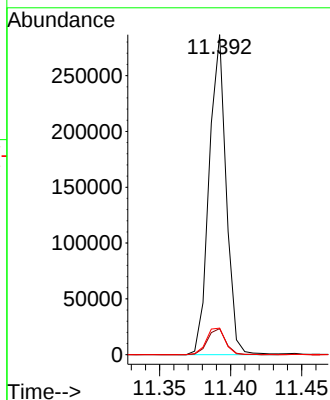
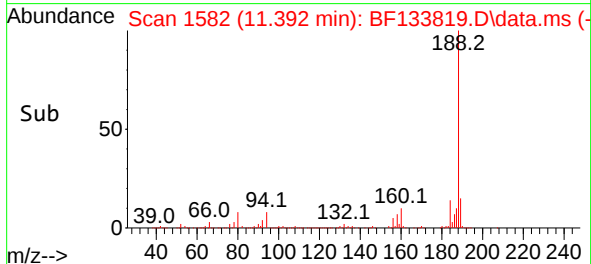
Instrument :
BNA_F
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COMPOSIT-SB-01/02



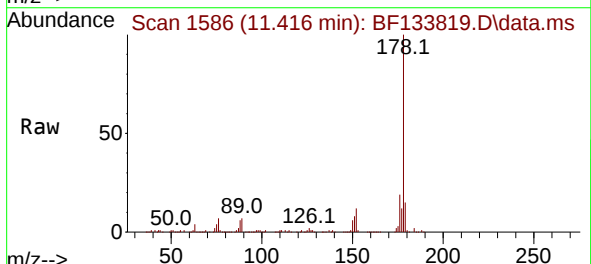
Tgt Ion:188 Resp: 237915
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 8.3 7.8 11.6

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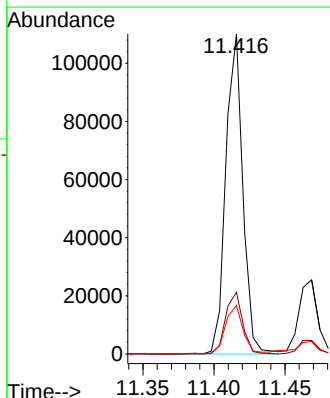
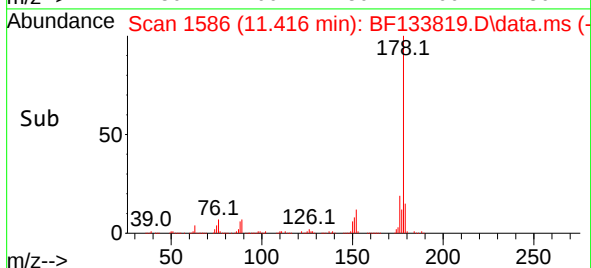
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

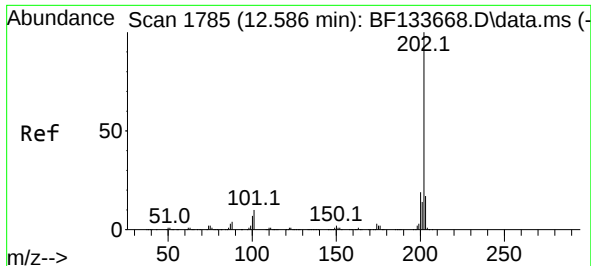


#71
Phenanthrene
Concen: 7.585 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF133819.D
Acq: 16 Jun 2023 21:54



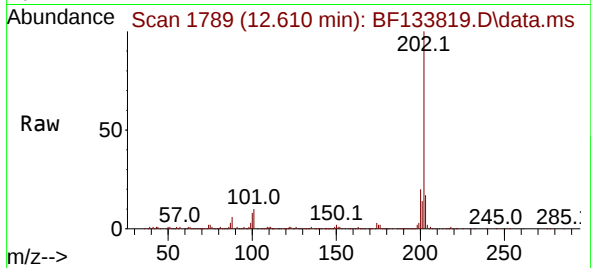
Tgt Ion:178 Resp: 91552
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.1 12.4 18.6





#75
Fluoranthene
Concen: 14.448 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF133819.D
Acq: 16 Jun 2023 21:54

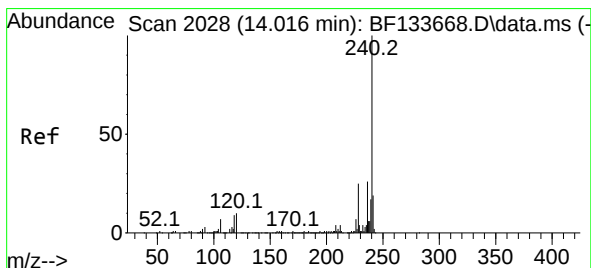
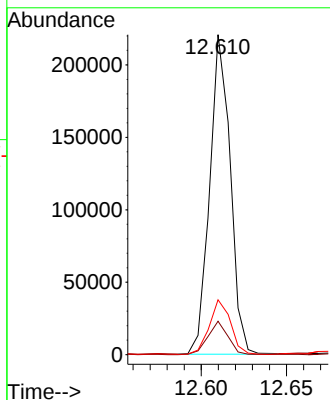
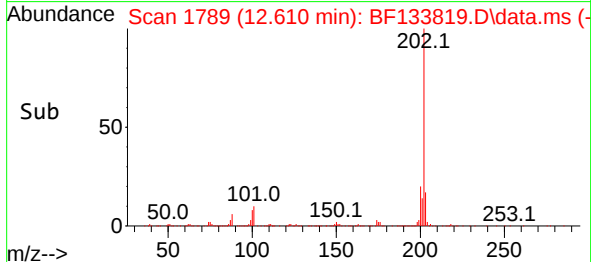
Instrument :
BNA_F
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COMPOSIT-SB-01/02



Tgt Ion:202 Resp: 185198
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.6
203 17.2 0.0 37.4

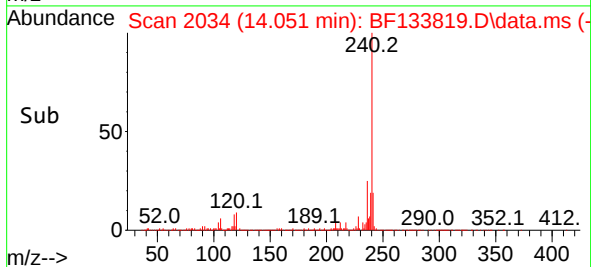
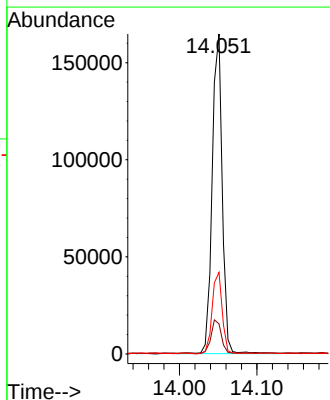
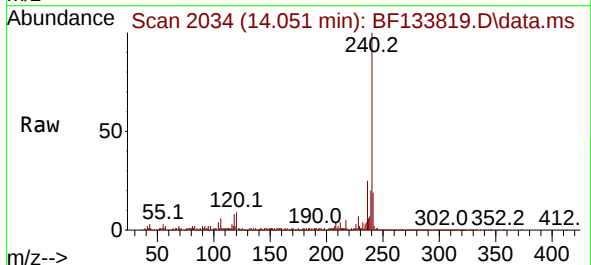
Manual Integrations
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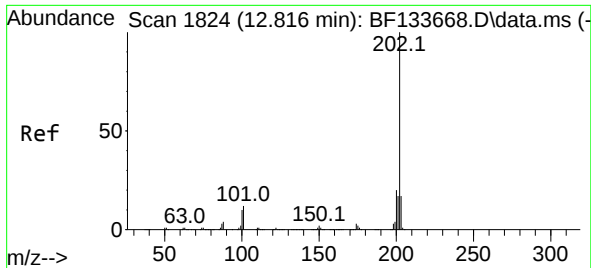
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF133819.D
Acq: 16 Jun 2023 21:54

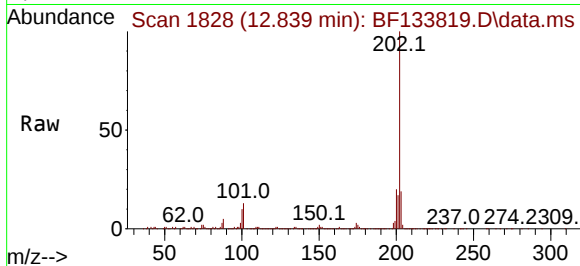
Tgt Ion:240 Resp: 148193
Ion Ratio Lower Upper
240 100
120 9.4 8.1 12.1
236 25.5 20.5 30.7





#78
Pyrene
Concen: 12.657 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF133819.D
Acq: 16 Jun 2023 21:54

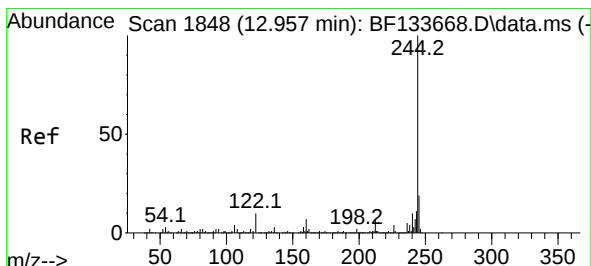
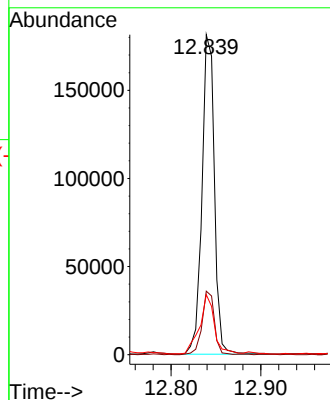
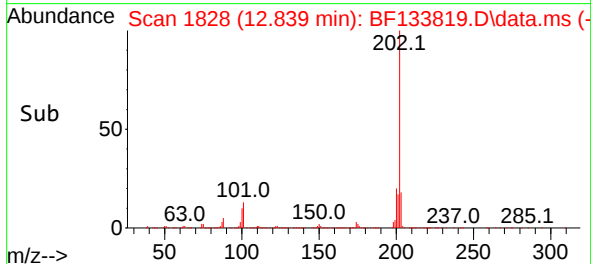
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-01/02



Tgt Ion:202 Resp: 17472
Ion Ratio Lower Upper
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200 19.8 16.2 24.2
203 18.8 13.9 20.9

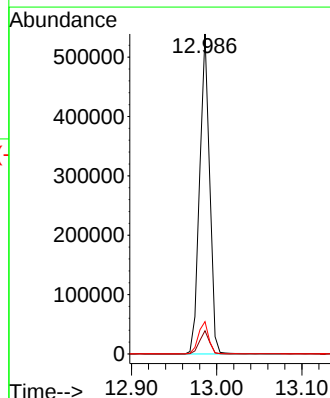
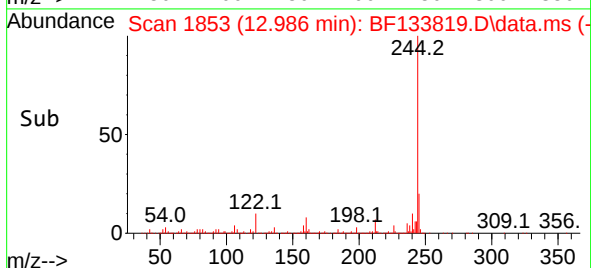
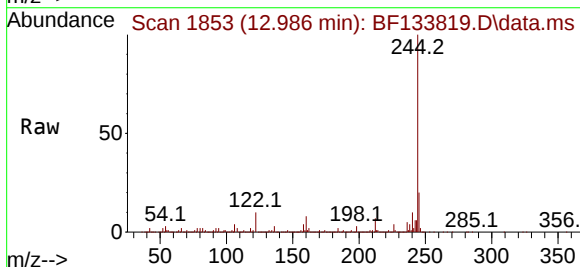
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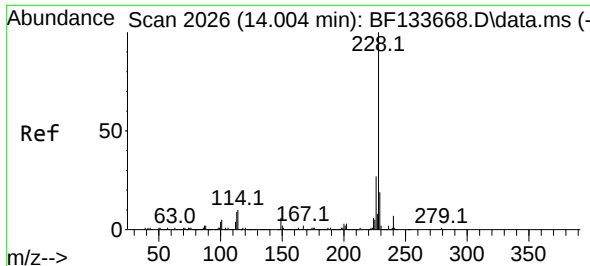
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#79
Terphenyl-d14
Concen: 45.927 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF133819.D
Acq: 16 Jun 2023 21:54

Tgt Ion:244 Resp: 439853
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 10.1 8.1 12.1





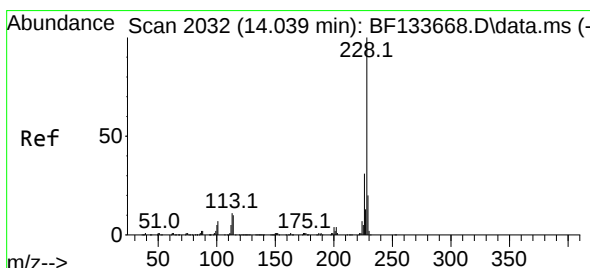
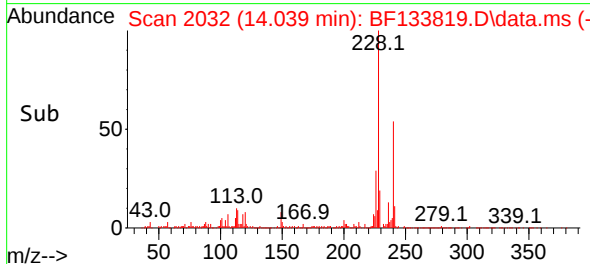
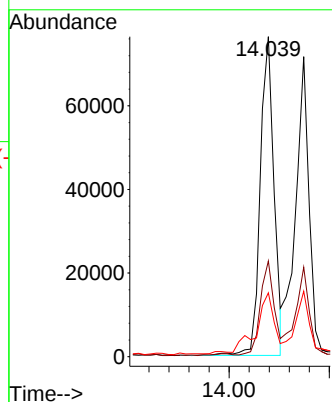
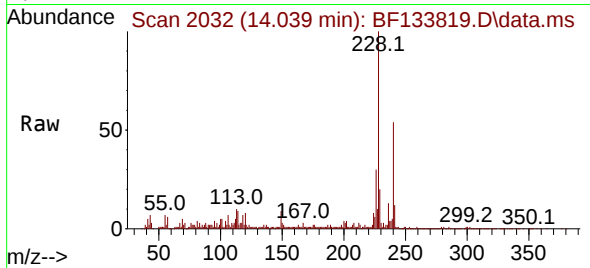
#81
Benzo(a)anthracene
Concen: 7.063 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF133819.D
Acq: 16 Jun 2023 21:54

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

Tgt Ion:228 Resp: 7240
Ion Ratio Lower Upper
228 100
226 29.9 21.7 32.5
229 19.9 15.4 23.2

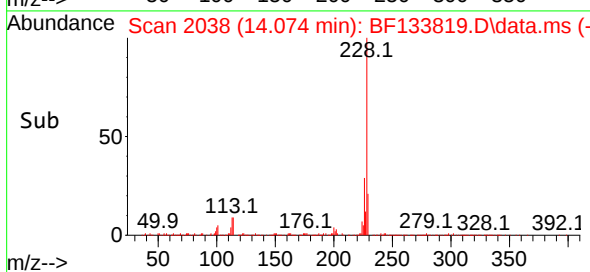
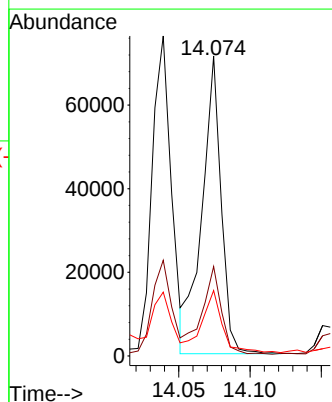
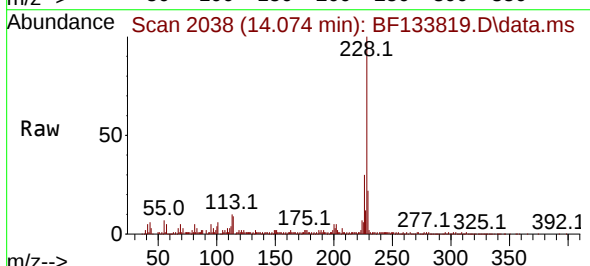
Manual Integrations
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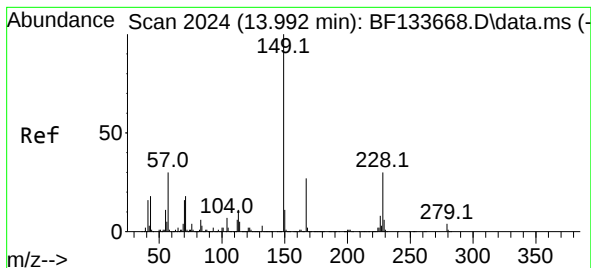
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#83
Chrysene
Concen: 6.890 ng m
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF133819.D
Acq: 16 Jun 2023 21:54

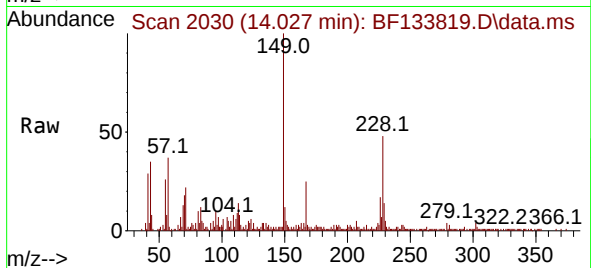
Tgt Ion:228 Resp: 66796
Ion Ratio Lower Upper
228 100
226 29.8 25.0 37.6
229 21.8 15.8 23.8





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.640 ng
RT: 14.027 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF133819.D
Acq: 16 Jun 2023 21:54

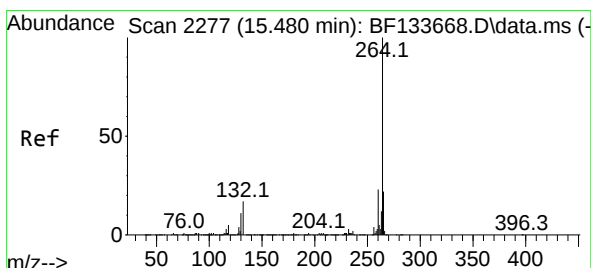
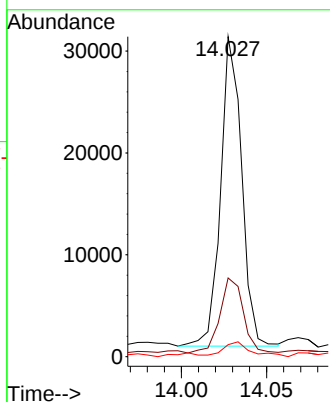
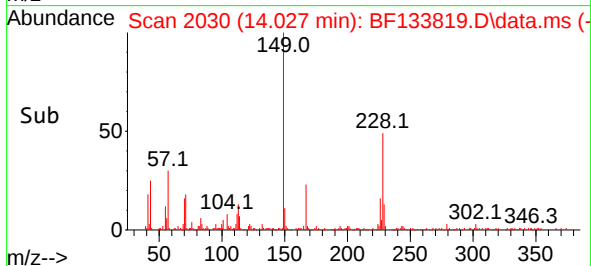
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-01/02



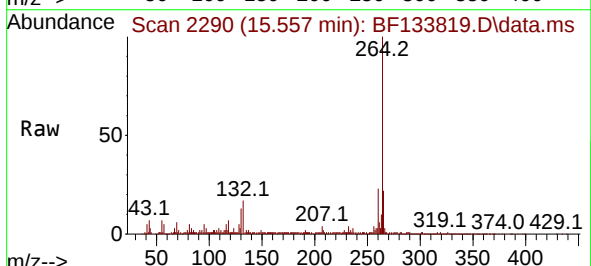
Tgt Ion:149 Resp: 26118
Ion Ratio Lower Upper
149 100
167 24.6 21.8 32.8
279 3.7 3.3 4.9

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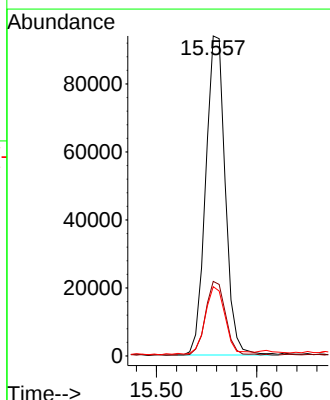
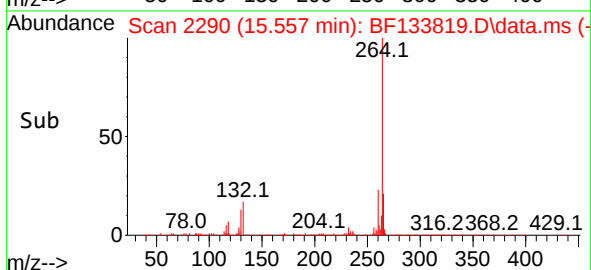
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

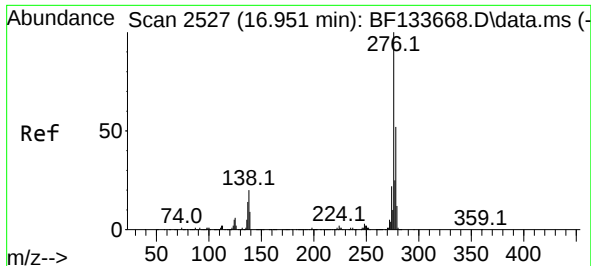


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. -0.006 min
Lab File: BF133819.D
Acq: 16 Jun 2023 21:54



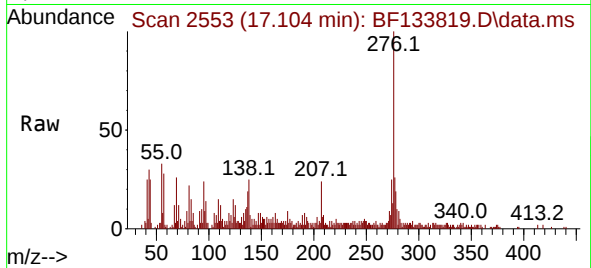
Tgt Ion:264 Resp: 127384
Ion Ratio Lower Upper
264 100
260 23.3 18.2 27.2
265 21.7 17.8 26.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.381 ng
RT: 17.104 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF133819.D
Acq: 16 Jun 2023 21:54

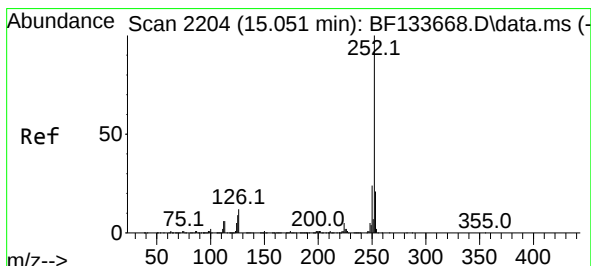
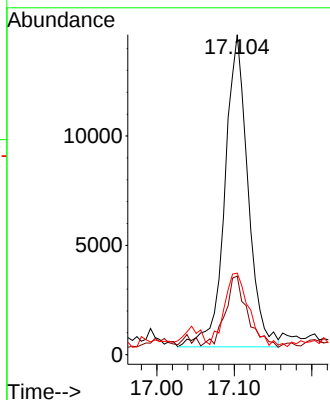
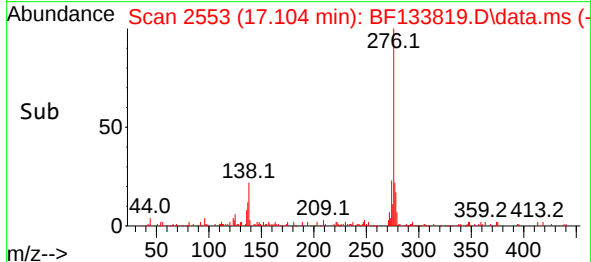
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-01/02



Tgt Ion:276 Resp: 29630
Ion Ratio Lower Upper
276 100
138 22.0 17.9 26.9
277 25.1 20.3 30.5

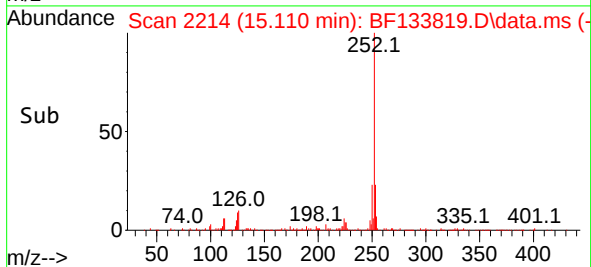
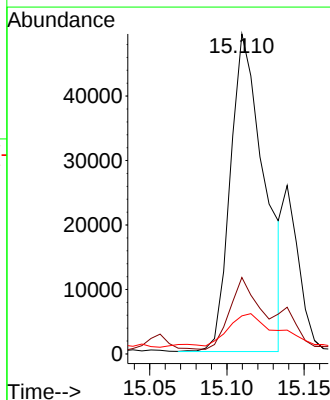
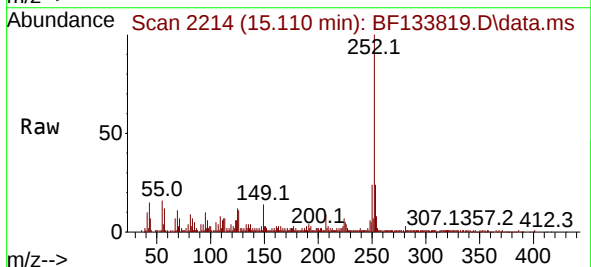
Manual Integrations
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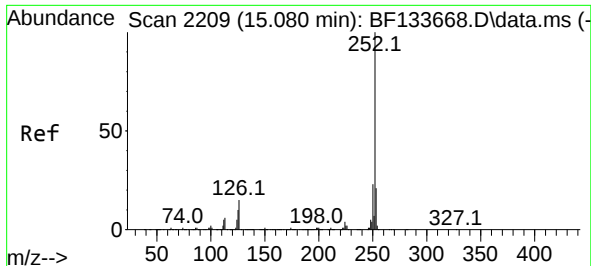
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#88
Benzo(b)fluoranthene
Concen: 9.759 ng m
RT: 15.110 min Scan# 2214
Delta R.T. -0.006 min
Lab File: BF133819.D
Acq: 16 Jun 2023 21:54

Tgt Ion:252 Resp: 75519
Ion Ratio Lower Upper
252 100
253 23.9 17.0 25.6
125 11.9 7.3 10.9#





#89

Benzo(k)fluoranthene

Concen: 2.351 ng m

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133819.D

Acq: 16 Jun 2023 21:54

Instrument :

BNA_F

ClientSampleId :

COMPOSIT-SB-01/02

Tgt Ion:252 Resp: 17718

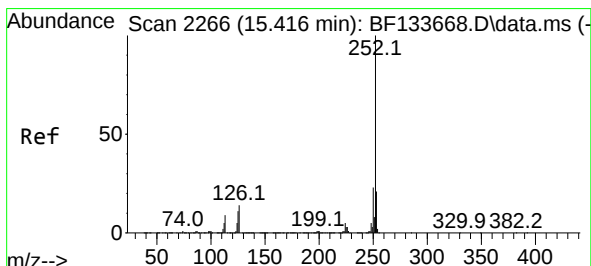
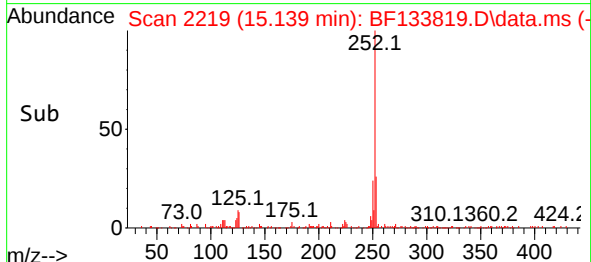
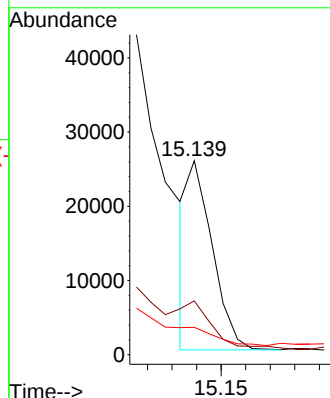
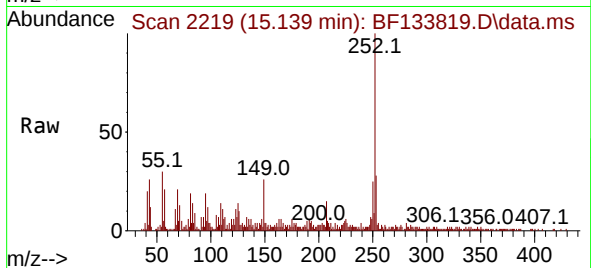
Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.0	25.4
125	14.1	7.8	11.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#90

Benzo(a)pyrene

Concen: 6.762 ng

RT: 15.492 min Scan# 2279

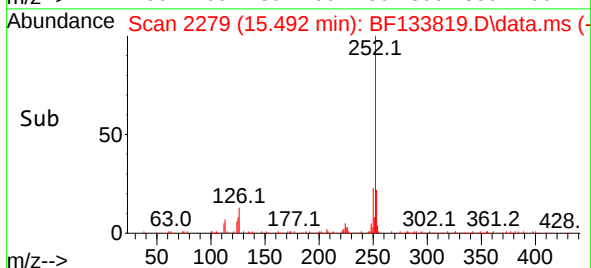
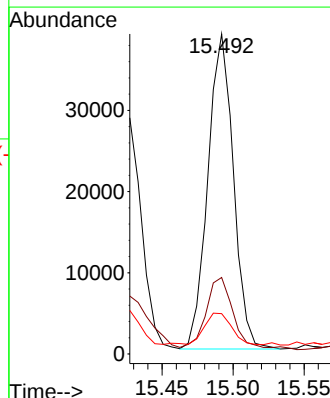
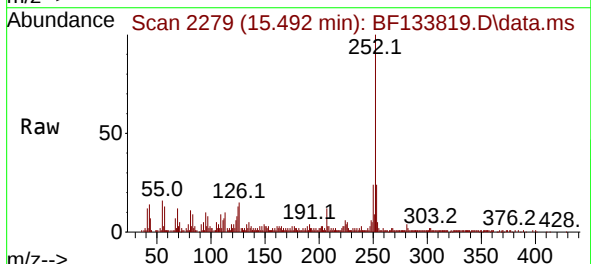
Delta R.T. -0.006 min

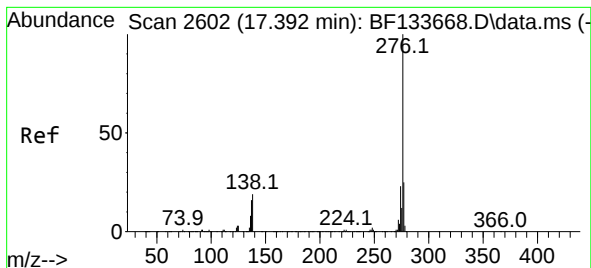
Lab File: BF133819.D

Acq: 16 Jun 2023 21:54

Tgt Ion:252 Resp: 48559

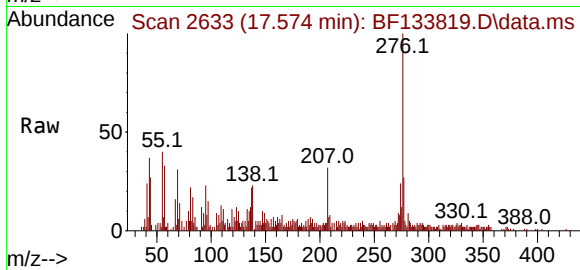
Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	12.6	8.6	13.0





#92
Benzo(g,h,i)perylene
Concen: 4.130 ng
RT: 17.574 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF133819.D
Acq: 16 Jun 2023 21:54

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



Tgt Ion:276 Resp: 2971
Ion Ratio Lower Upper
276 100
277 27.1 19.8 29.8
138 22.7 15.0 22.4

Manual Integrations
APPROVED

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

