

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072023\
 Data File : BF134389.D
 Acq On : 20 Jul 2023 19:19
 Operator : CG\JU
 Sample : 03625-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200018

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 20 19:48:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	62033	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	236571	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	119507	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	213212	20.000	ng	0.00
76) Chrysene-d12	14.027	240	131976	20.000	ng	-0.01
86) Perylene-d12	15.539	264	133302	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	342219	92.282	ng	0.00
7) Phenol-d6	6.475	99	406399	89.111	ng	-0.01
23) Nitrobenzene-d5	7.398	82	279853	63.768	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	131866	88.006	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	574592	69.903	ng	-0.01
79) Terphenyl-d14	12.963	244	535163	65.262	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	7.857	122	15273	6.052	ng	95
71) Phenanthrene	11.392	178	98293	9.158	ng	99
72) Anthracene	11.445	178	26789	2.400	ng	98
75) Fluoranthene	12.592	202	140963	12.148	ng	96
78) Pyrene	12.821	202	124014	10.097	ng	99
80) Butylbenzylphthalate	13.439	149	124006	26.920	ng	97
81) Benzo(a)anthracene	14.021	228	59415	6.491	ng	97
83) Chrysene	14.057	228	59771	6.742	ng	94
84) Bis(2-ethylhexyl)phtha...	14.004	149	14605	2.759	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.080	276	29828	3.225	ng	94
88) Benzo(b)fluoranthene	15.092	252	77798m	9.925	ng	
89) Benzo(k)fluoranthene	15.115	252	23045m	2.888	ng	
90) Benzo(a)pyrene	15.474	252	49968	6.593	ng	# 97
92) Benzo(g,h,i)perylene	17.551	276	29330	3.765	ng	97

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

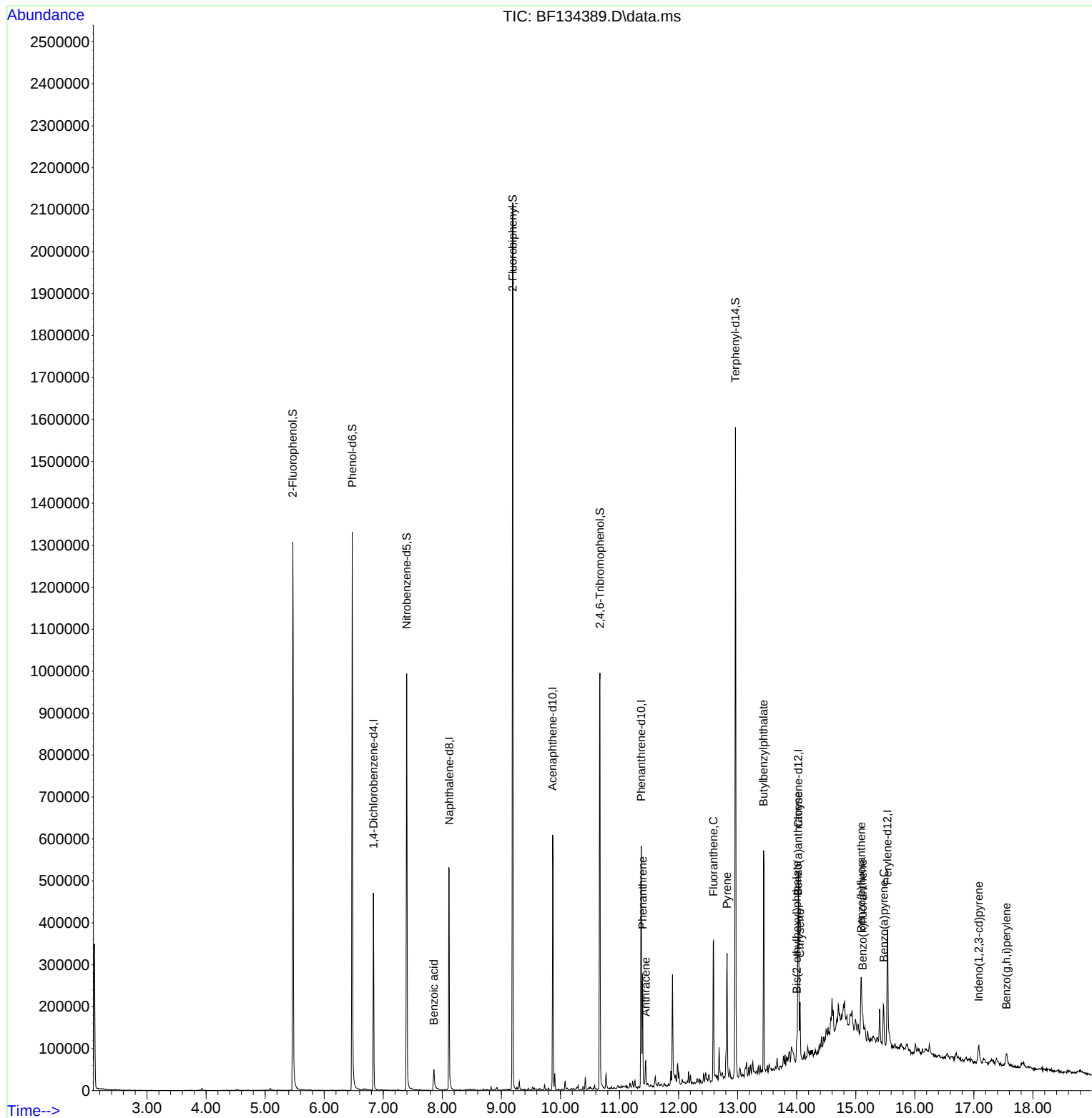
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072023\
Data File : BF134389.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

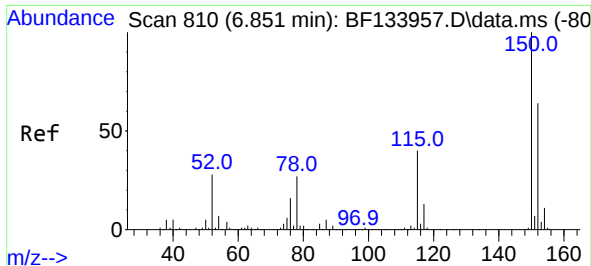
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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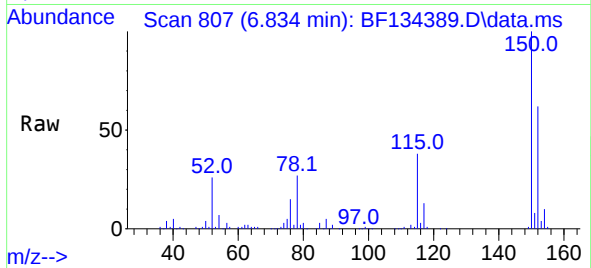
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF134389.D
Acq: 20 Jul 2023 19:19

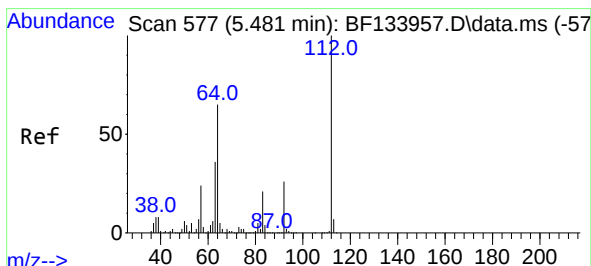
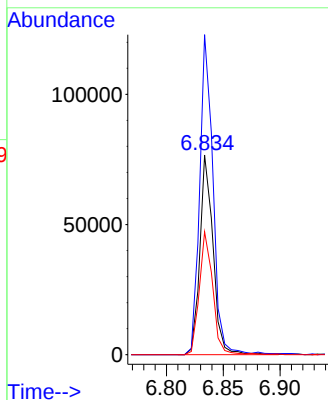
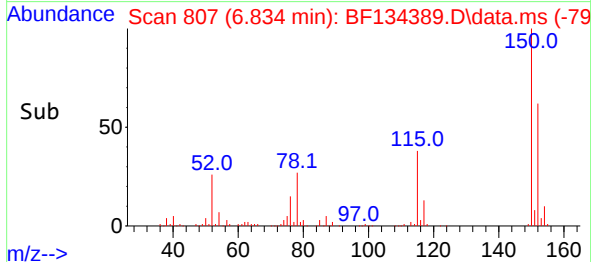
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 6203
Ion Ratio Lower Upper
152 100
150 160.2 124.5 186.7
115 61.5 50.2 75.2

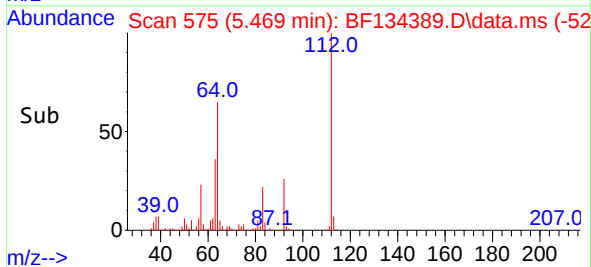
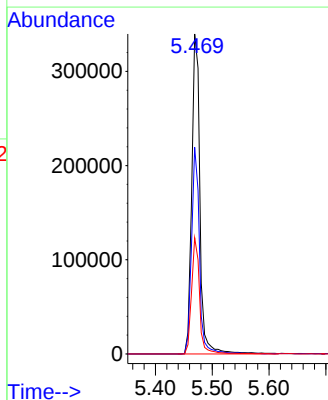
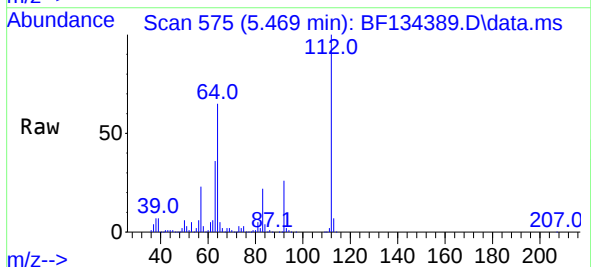
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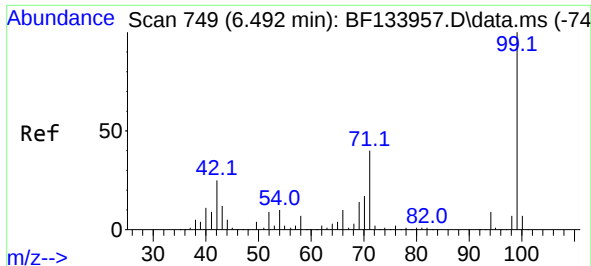
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#5
2-Fluorophenol
Concen: 92.282 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.000 min
Lab File: BF134389.D
Acq: 20 Jul 2023 19:19

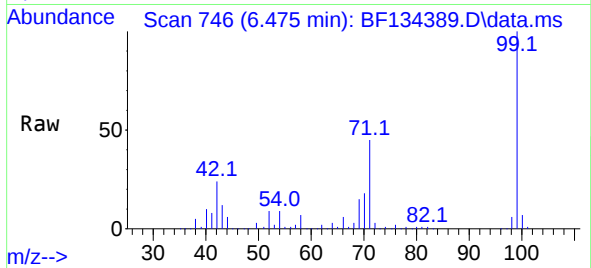
Tgt Ion:112 Resp: 342219
Ion Ratio Lower Upper
112 100
64 64.6 52.1 78.1
63 36.3 28.6 42.8





#7
Phenol-d6
Concen: 89.111 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134389.D
Acq: 20 Jul 2023 19:19

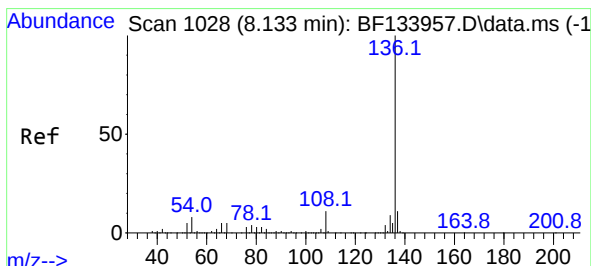
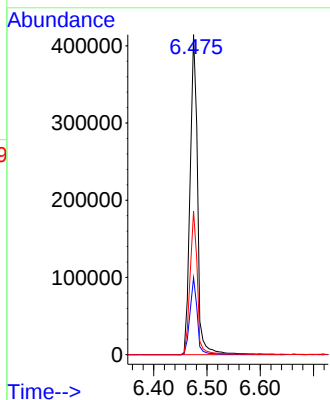
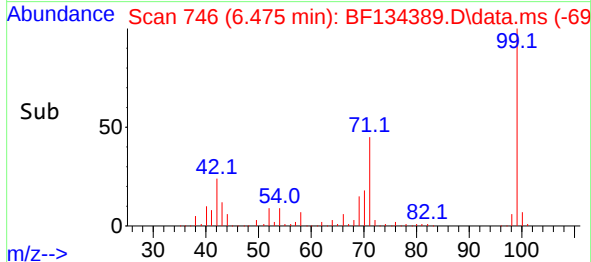
Instrument :
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ClientSampleId :
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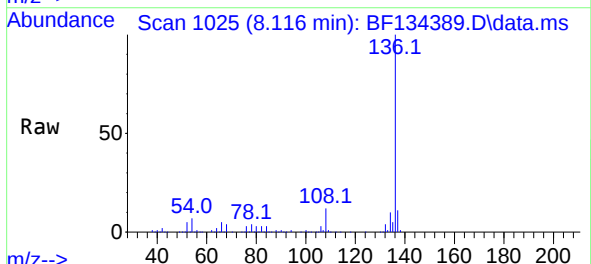
Tgt Ion: 99 Resp: 406399
Ion Ratio Lower Upper
99 100
42 24.0 19.8 29.6
71 44.8 31.9 47.9

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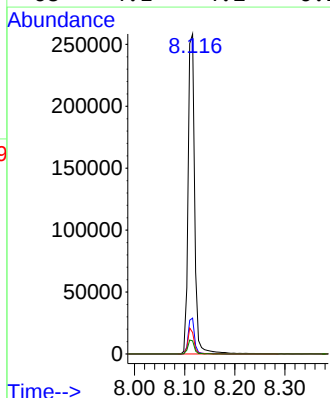
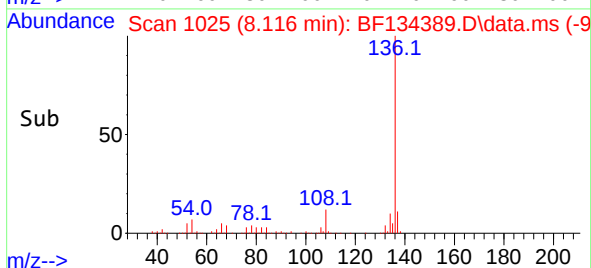
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

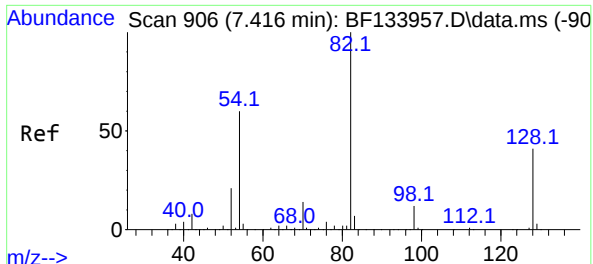


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134389.D
Acq: 20 Jul 2023 19:19



Tgt Ion:136 Resp: 236571
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 6.7 6.5 9.7
68 4.1 4.2 6.2#





#23

Nitrobenzene-d5

Concen: 63.768 ng

RT: 7.398 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF134389.D

Acq: 20 Jul 2023 19:19

Instrument :

BNA_F

ClientSampleId :

RBR200018

Tgt Ion: 82 Resp: 27985

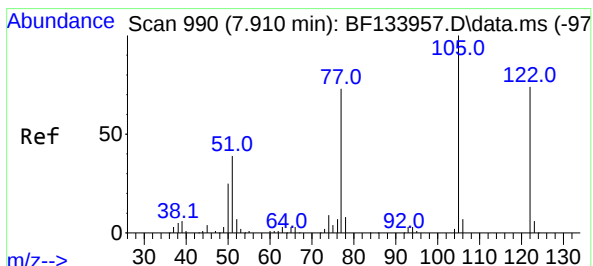
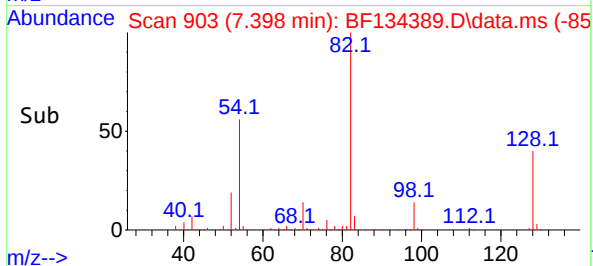
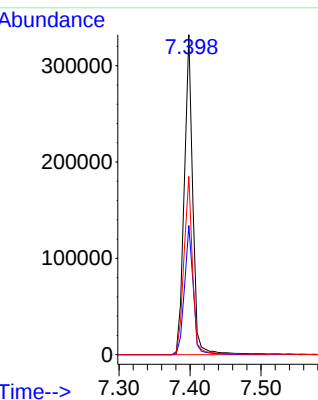
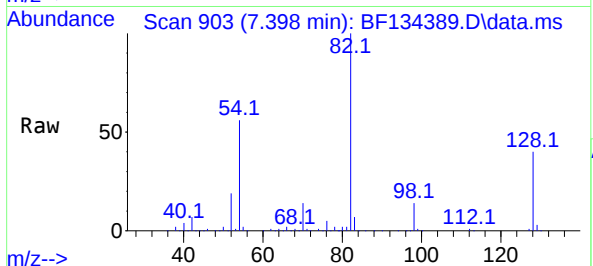
Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.5	48.7
54	55.7	48.2	72.2

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#32

Benzoic acid

Concen: 6.052 ng

RT: 7.857 min Scan# 981

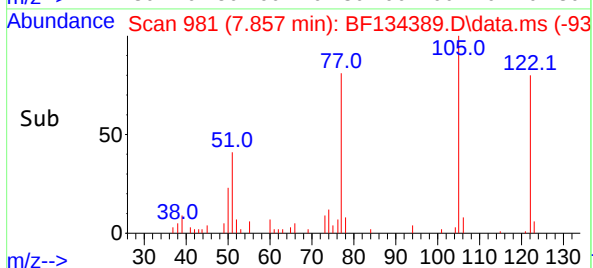
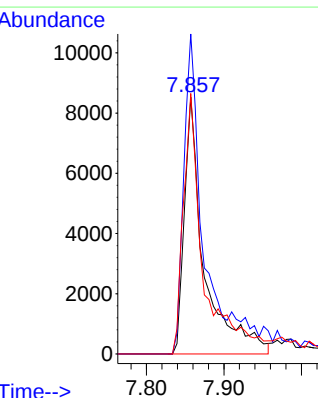
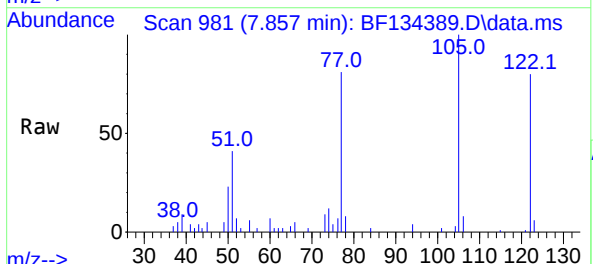
Delta R.T. -0.047 min

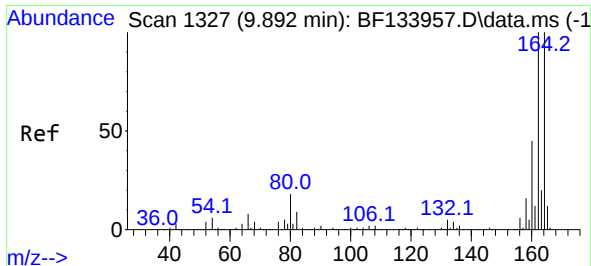
Lab File: BF134389.D

Acq: 20 Jul 2023 19:19

Tgt Ion:122 Resp: 15273

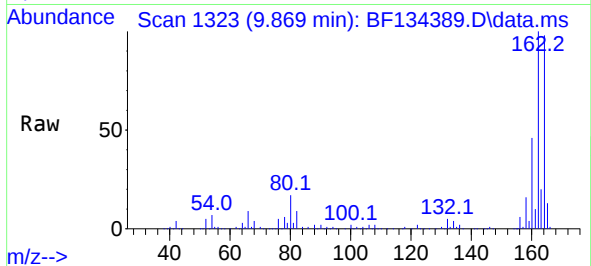
Ion	Ratio	Lower	Upper
122	100		
105	124.6	109.7	149.7
77	101.4	76.0	116.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134389.D
Acq: 20 Jul 2023 19:19

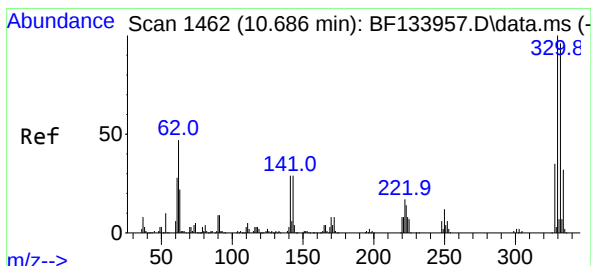
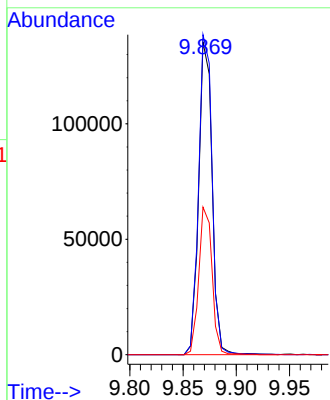
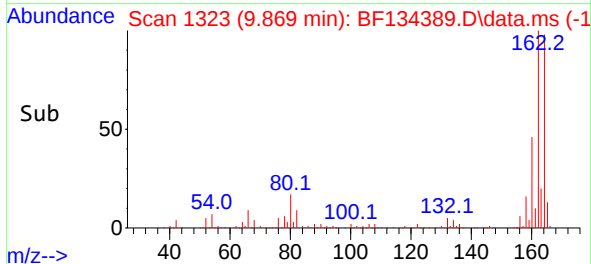
Instrument :
BNA_F
ClientSampleId :
RBR200018



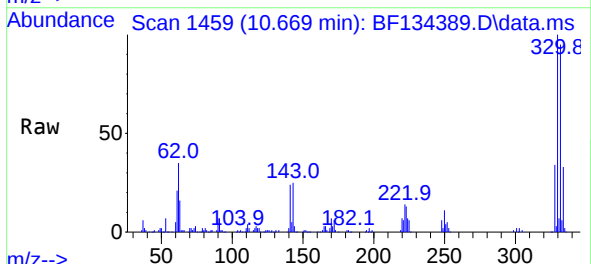
Tgt Ion:164 Resp: 11950
Ion Ratio Lower Upper
164 100
162 102.4 80.0 120.0
160 47.2 35.9 53.9

Manual Integrations
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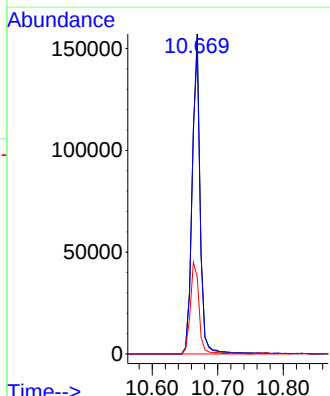
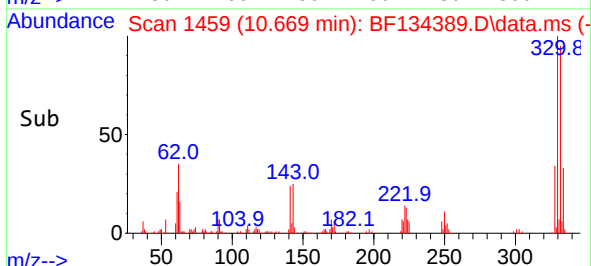
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

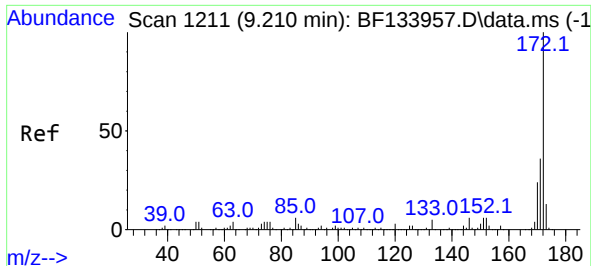


#42
2,4,6-Tribromophenol
Concen: 88.006 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.012 min
Lab File: BF134389.D
Acq: 20 Jul 2023 19:19



Tgt Ion:330 Resp: 131866
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 31.1 26.3 39.5





#45

2-Fluorobiphenyl

Concen: 69.903 ng

RT: 9.192 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134389.D

Acq: 20 Jul 2023 19:19

Instrument :

BNA_F

ClientSampleId :

RBR200018

Tgt Ion:172 Resp: 574592

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

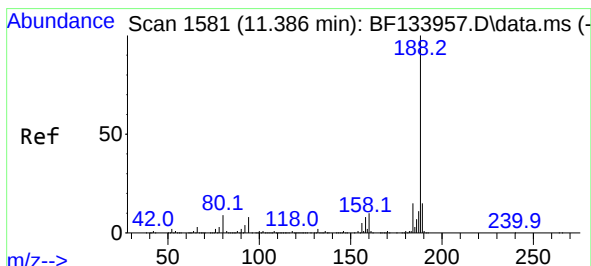
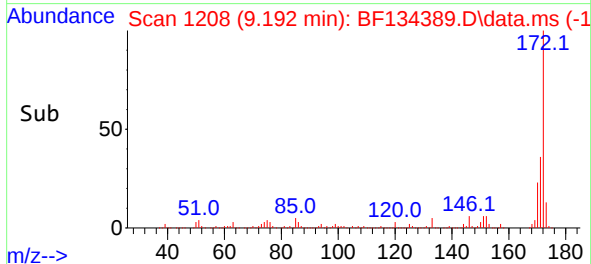
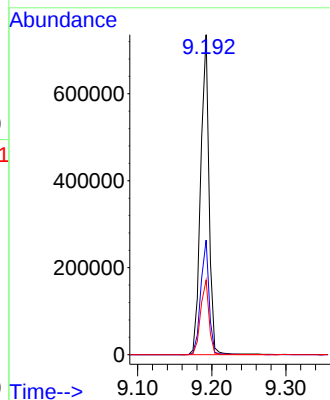
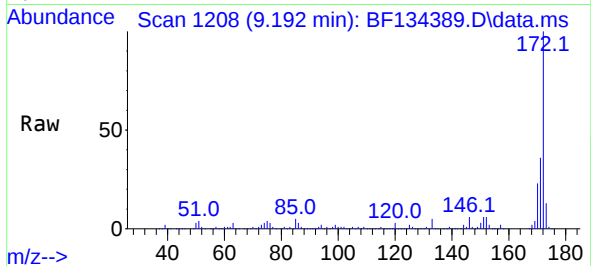
170 23.3 19.4 29.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1578

Delta R.T. -0.006 min

Lab File: BF134389.D

Acq: 20 Jul 2023 19:19

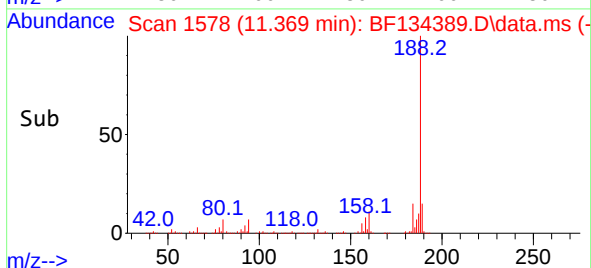
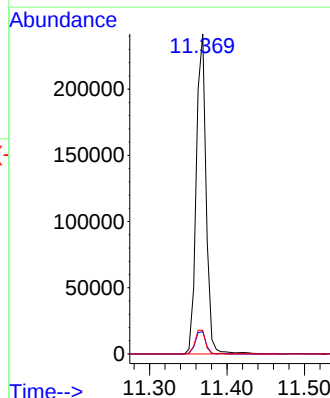
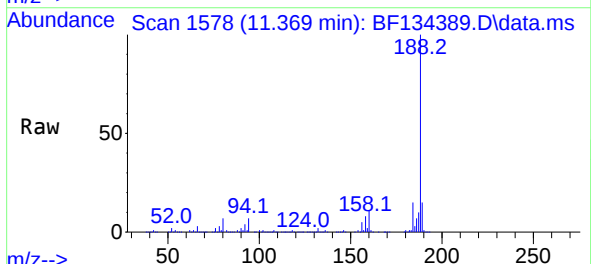
Tgt Ion:188 Resp: 213212

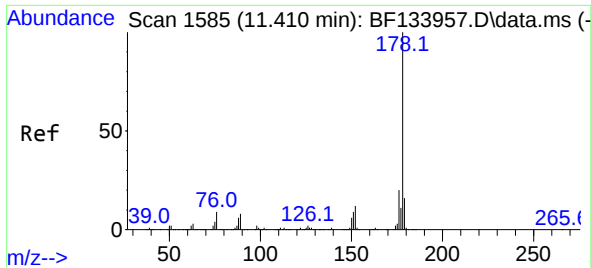
Ion Ratio Lower Upper

188 100

94 7.0 6.4 9.6

80 7.4 7.3 10.9





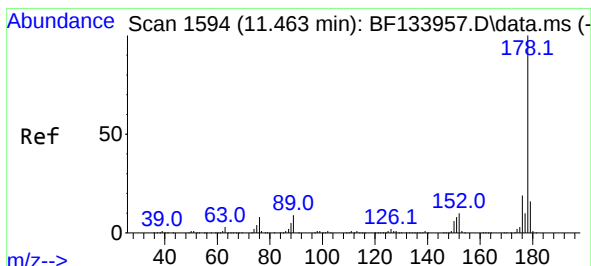
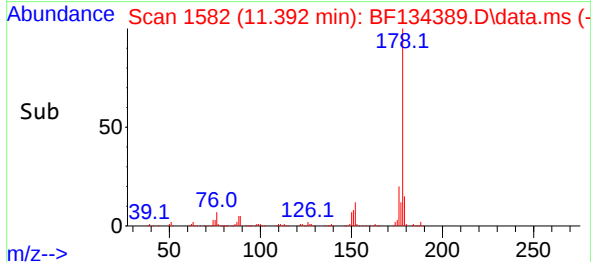
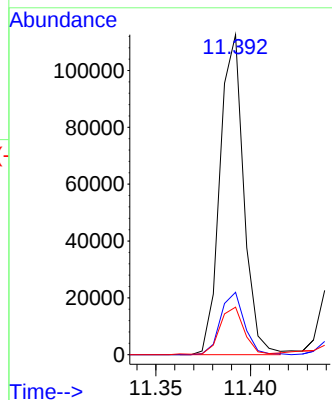
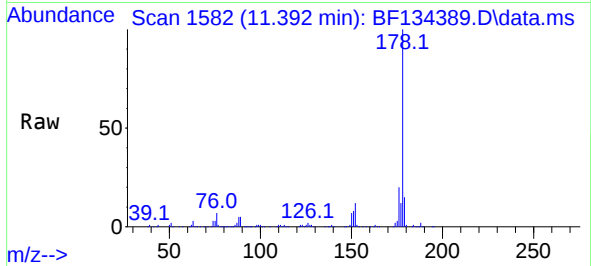
#71
Phenanthrene
Concen: 9.158 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134389.D
Acq: 20 Jul 2023 19:19

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Tgt Ion:178 Resp: 9829
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 14.8 12.4 18.6

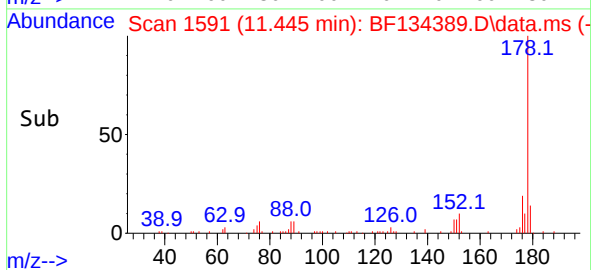
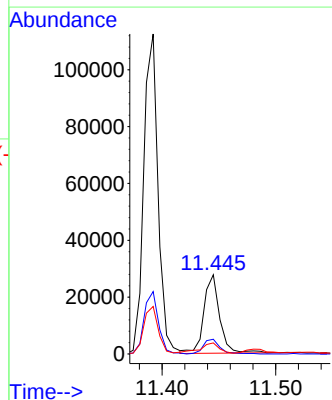
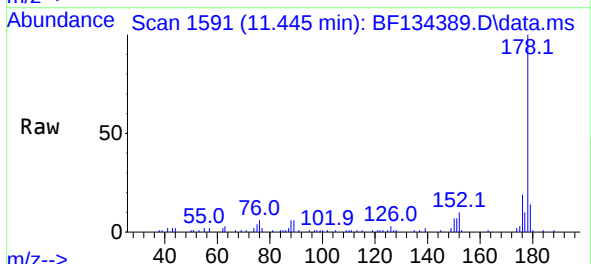
Manual Integrations
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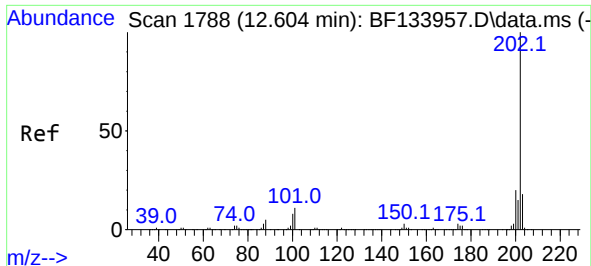
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#72
Anthracene
Concen: 2.400 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.012 min
Lab File: BF134389.D
Acq: 20 Jul 2023 19:19

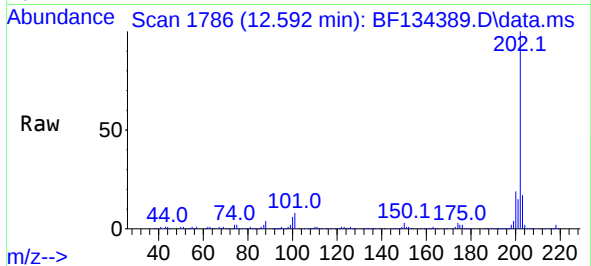
Tgt Ion:178 Resp: 26789
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 14.1 12.4 18.6





#75
Fluoranthene
Concen: 12.148 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134389.D
Acq: 20 Jul 2023 19:19

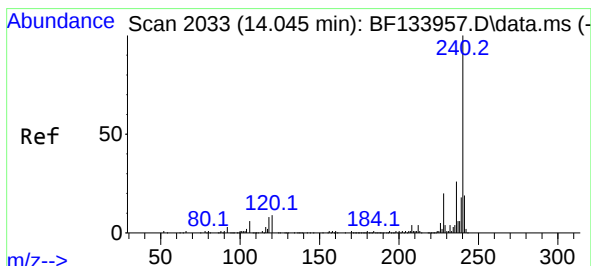
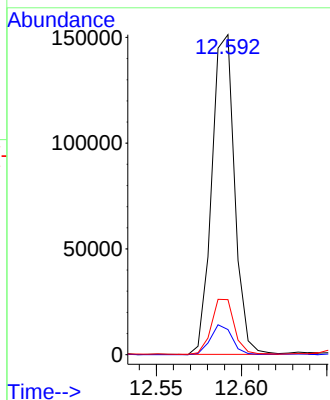
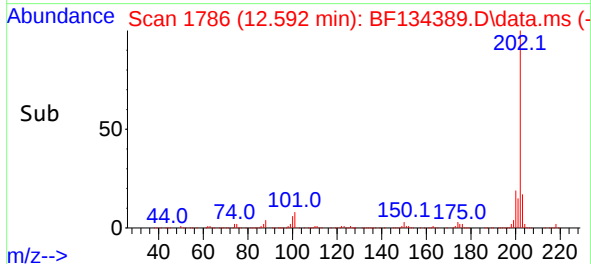
Instrument :
BNA_F
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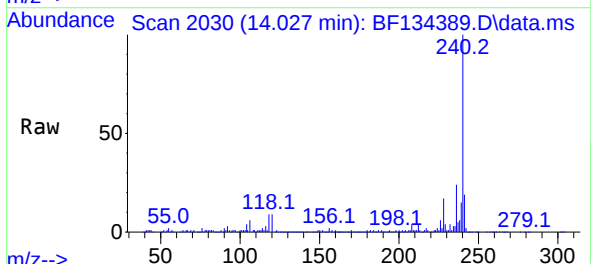
Tgt Ion:202 Resp: 14096
Ion Ratio Lower Upper
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101 7.9 0.0 31.0
203 17.2 0.0 37.6

Manual Integrations
APPROVED

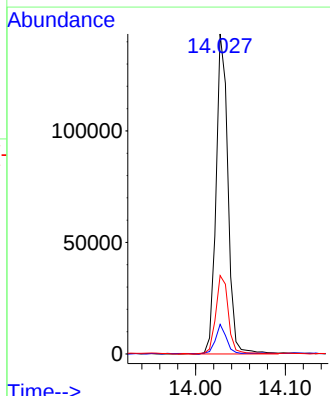
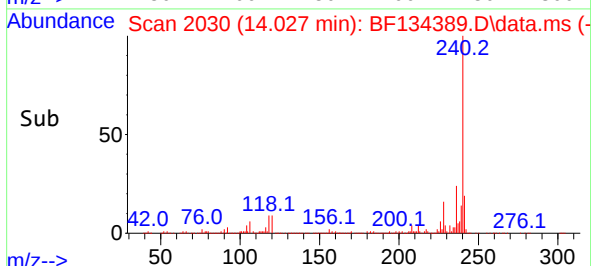
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

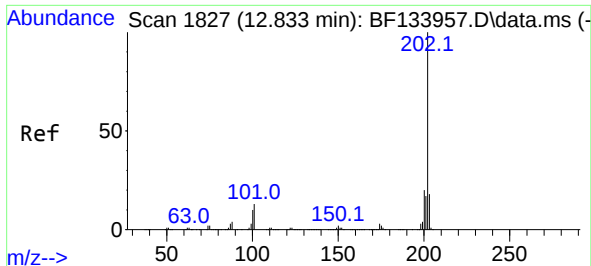


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF134389.D
Acq: 20 Jul 2023 19:19



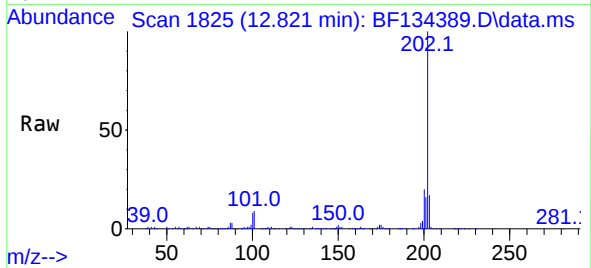
Tgt Ion:240 Resp: 131976
Ion Ratio Lower Upper
240 100
120 9.3 7.4 11.0
236 24.5 21.0 31.6





#78
Pyrene
Concen: 10.097 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF134389.D
Acq: 20 Jul 2023 19:19

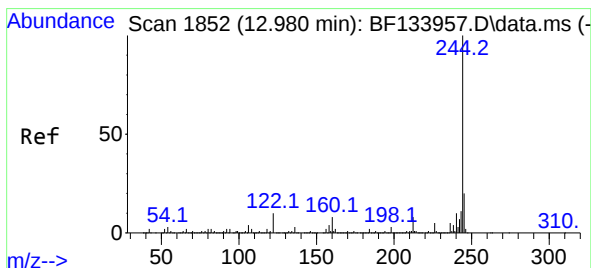
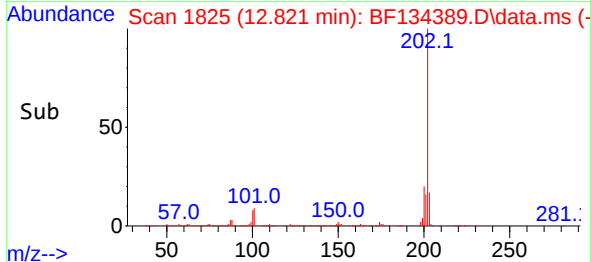
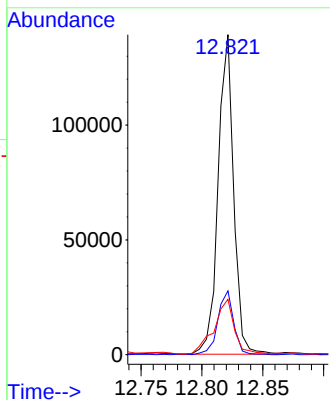
Instrument :
BNA_F
ClientSampleId :
RBR200018



Tgt Ion:202 Resp: 124014
Ion Ratio Lower Upper
202 100
200 20.0 16.1 24.1
203 17.3 14.3 21.5

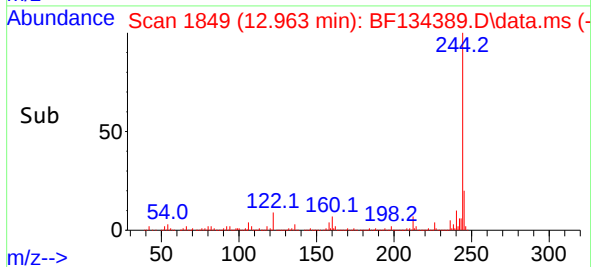
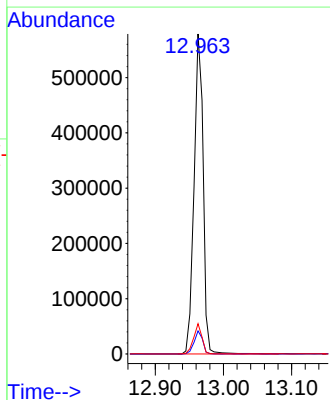
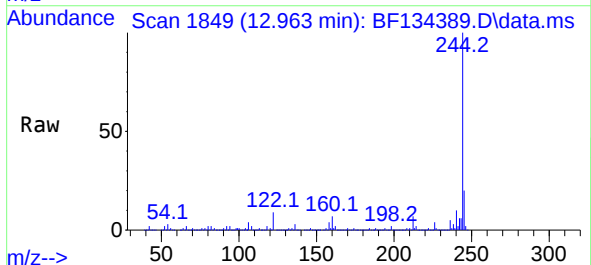
Manual Integrations
APPROVED

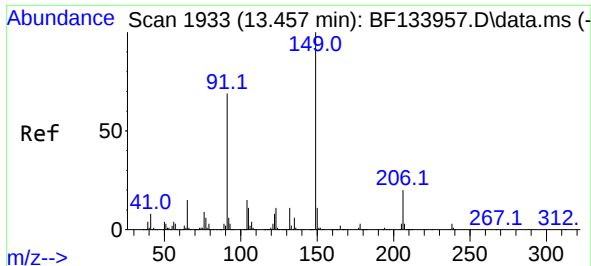
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#79
Terphenyl-d14
Concen: 65.262 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.012 min
Lab File: BF134389.D
Acq: 20 Jul 2023 19:19

Tgt Ion:244 Resp: 535163
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.4 8.3 12.5





#80
Butylbenzylphthalate
Concen: 26.920 ng
RT: 13.439 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BF134389.D
Acq: 20 Jul 2023 19:19

Instrument :

BNA_F

ClientSampleId :

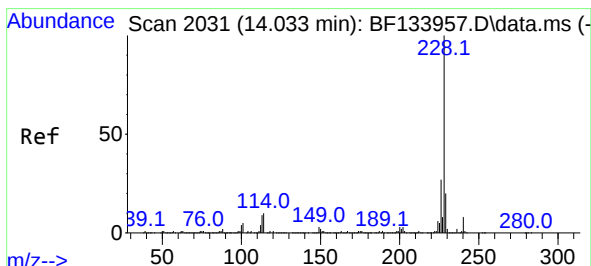
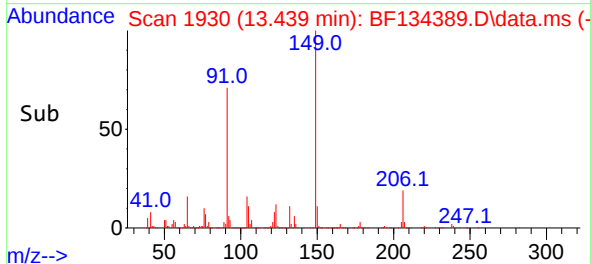
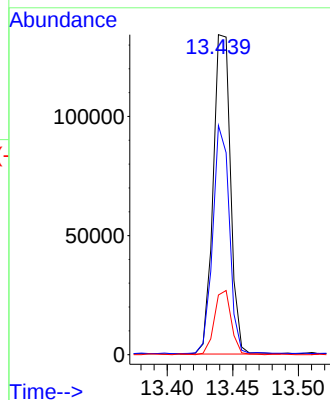
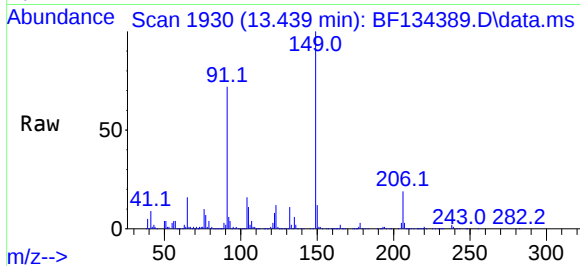
RBR200018

Tgt Ion:149 Resp: 124000
Ion Ratio Lower Upper
149 100
91 71.6 55.1 82.7
206 18.7 15.7 23.5

Manual Integrations

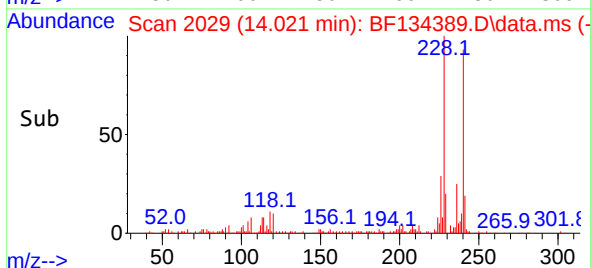
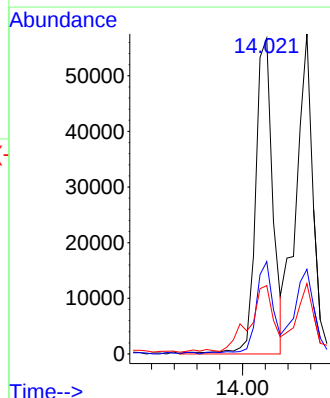
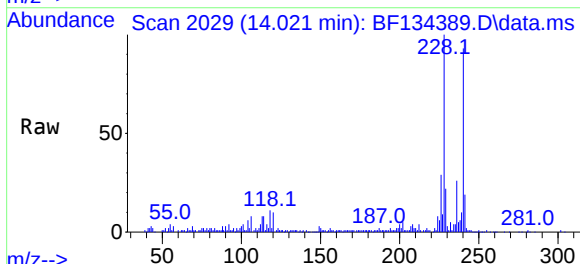
APPROVED

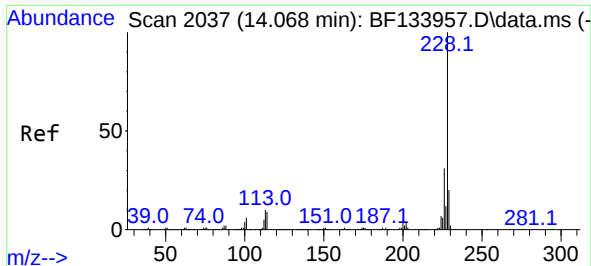
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#81
Benzo(a)anthracene
Concen: 6.491 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF134389.D
Acq: 20 Jul 2023 19:19

Tgt Ion:228 Resp: 59415
Ion Ratio Lower Upper
228 100
226 29.3 22.0 33.0
229 21.6 16.3 24.5





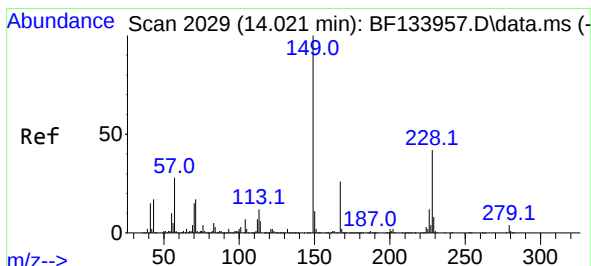
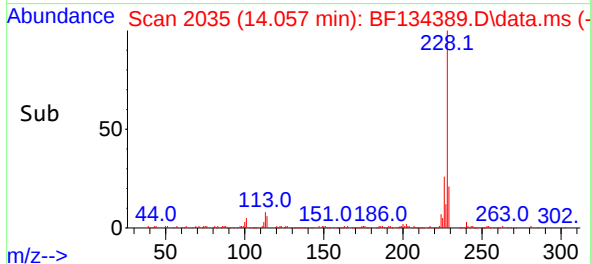
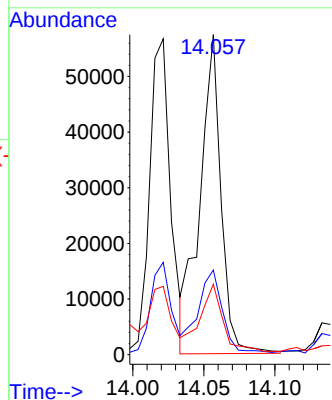
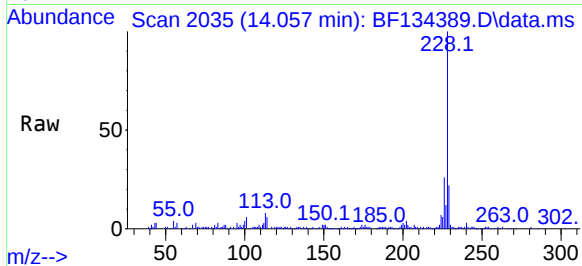
#83
Chrysene
Concen: 6.742 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF134389.D
Acq: 20 Jul 2023 19:19

Instrument :
BNA_F
ClientSampleId :
RBR200018

Tgt Ion:228 Resp: 5977
Ion Ratio Lower Upper
228 100
226 26.4 24.4 36.6
229 22.0 16.1 24.1

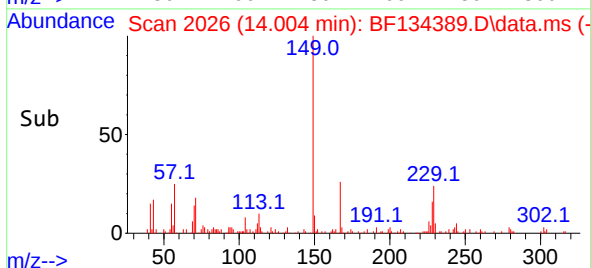
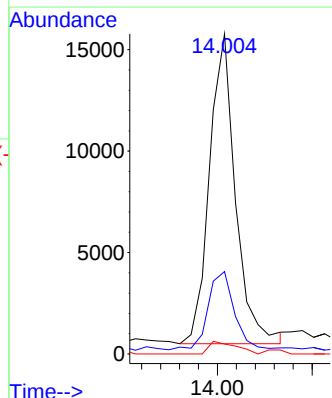
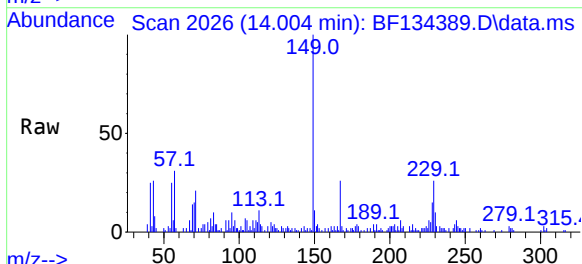
Manual Integrations
APPROVED

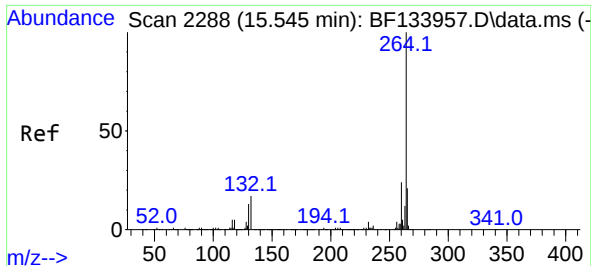
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.759 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF134389.D
Acq: 20 Jul 2023 19:19

Tgt Ion:149 Resp: 14605
Ion Ratio Lower Upper
149 100
167 25.8 21.0 31.4
279 3.1 3.3 4.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134389.D
Acq: 20 Jul 2023 19:19

Instrument :

BNA_F

ClientSampleId :

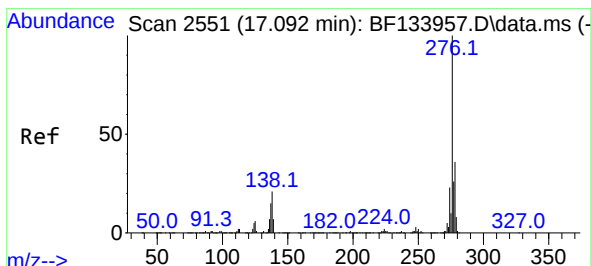
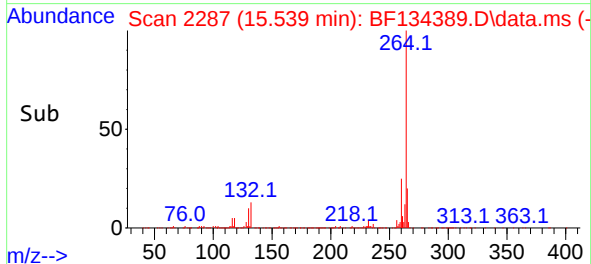
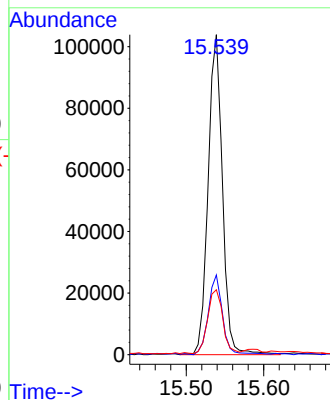
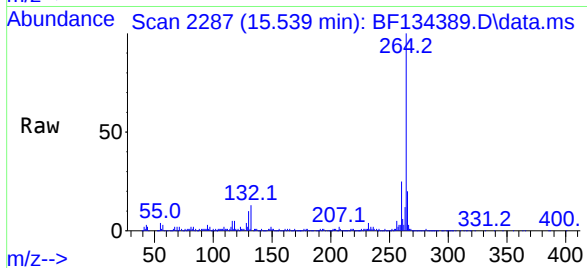
RBR200018

Tgt Ion:264 Resp: 13330
Ion Ratio Lower Upper
264 100
260 24.9 19.5 29.3
265 20.3 16.6 25.0

Manual Integrations

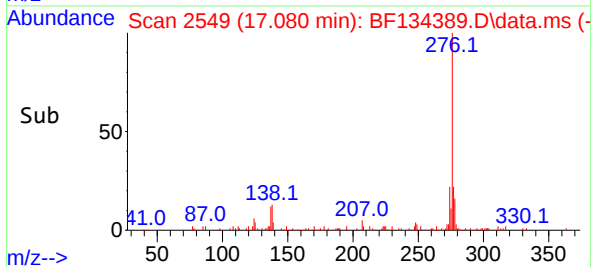
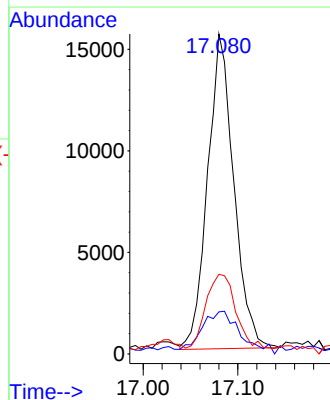
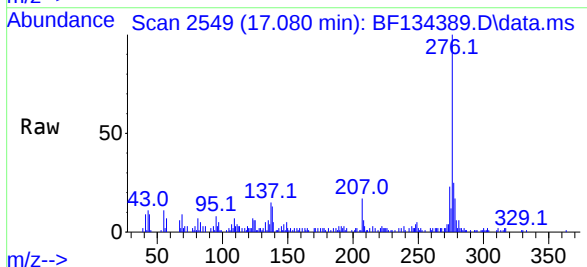
APPROVED

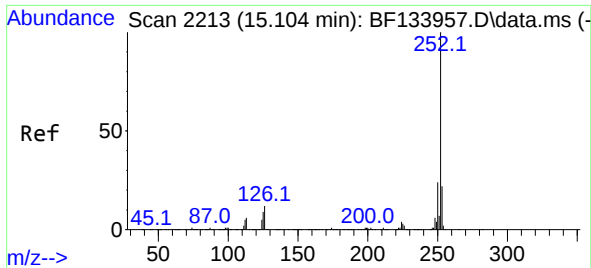
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.225 ng
RT: 17.080 min Scan# 2549
Delta R.T. -0.018 min
Lab File: BF134389.D
Acq: 20 Jul 2023 19:19

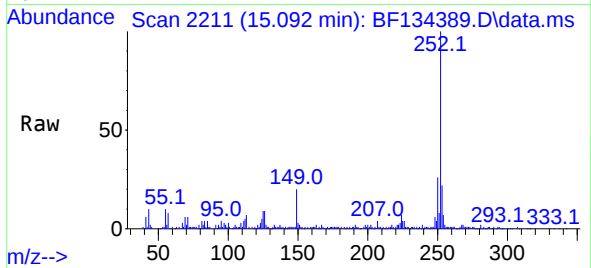
Tgt Ion:276 Resp: 29828
Ion Ratio Lower Upper
276 100
138 20.1 18.7 28.1
277 27.1 19.9 29.9





#88
Benzo(b)fluoranthene
Concen: 9.925 ng m
RT: 15.092 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BF134389.D
Acq: 20 Jul 2023 19:19

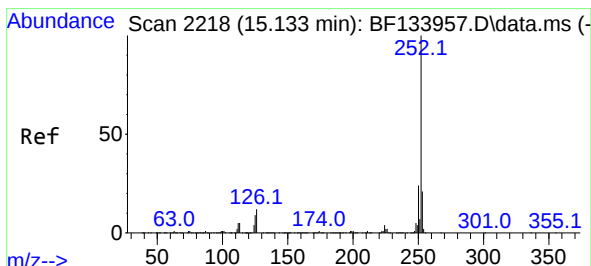
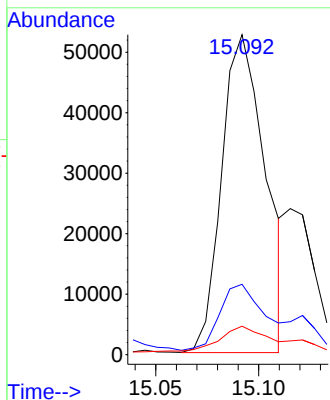
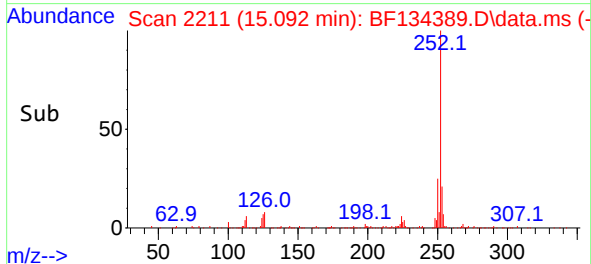
Instrument :
BNA_F
ClientSampleId :
RBR200018



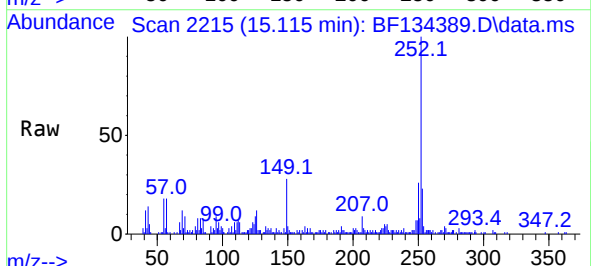
Tgt Ion:252 Resp: 77798
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 8.9 7.1 10.7

Manual Integrations
APPROVED

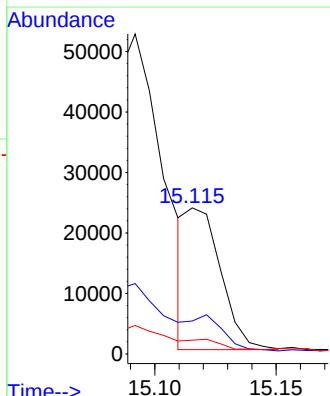
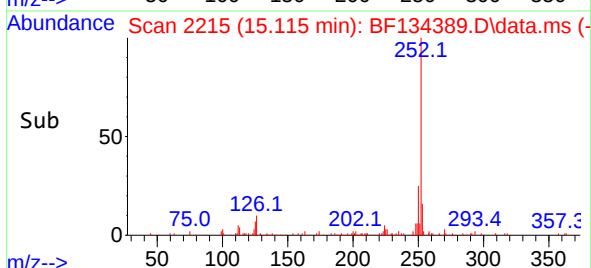
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

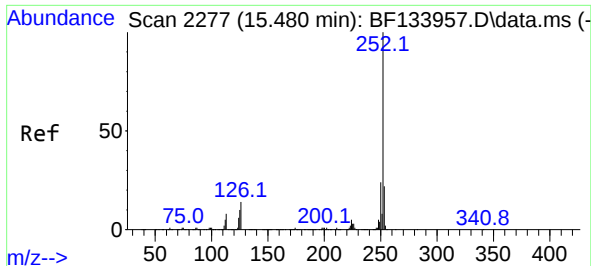


#89
Benzo(k)fluoranthene
Concen: 2.888 ng m
RT: 15.115 min Scan# 2215
Delta R.T. -0.018 min
Lab File: BF134389.D
Acq: 20 Jul 2023 19:19



Tgt Ion:252 Resp: 23045
Ion Ratio Lower Upper
252 100
253 22.6 16.9 25.3
125 9.4 7.4 11.2





#90
Benzo(a)pyrene
Concen: 6.593 ng
RT: 15.474 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134389.D
Acq: 20 Jul 2023 19:19

Instrument :

BNA_F

ClientSampleId :

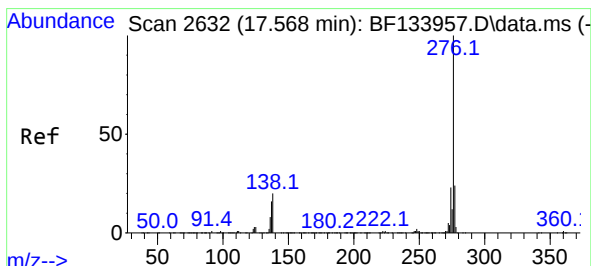
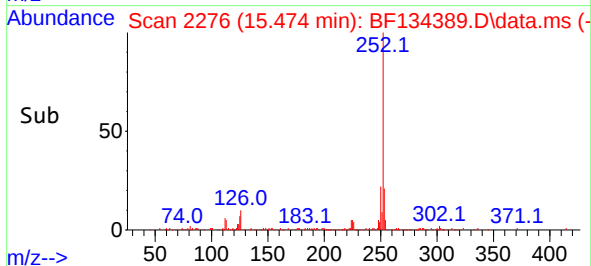
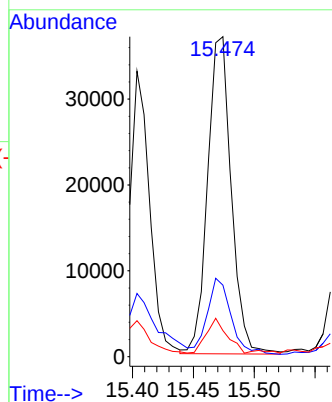
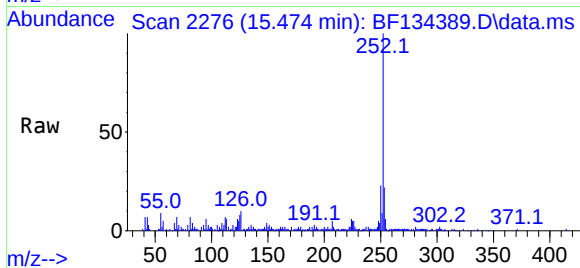
RBR200018

Tgt Ion:252 Resp: 4996
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 8.1 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#92
Benzo(g,h,i)perylene
Concen: 3.765 ng
RT: 17.551 min Scan# 2629
Delta R.T. -0.018 min
Lab File: BF134389.D
Acq: 20 Jul 2023 19:19

Tgt Ion:276 Resp: 29330
Ion Ratio Lower Upper
276 100
277 26.7 19.0 28.6
138 19.9 16.2 24.2

