

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072723\
 Data File : BF134507.D
 Acq On : 27 Jul 2023 15:56
 Operator : CG\JU
 Sample : 03736-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-5-072423

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/28/2023
 Supervised By :mohammad ahmed 07/28/2023

Quant Time: Jul 27 16:46:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 12:16:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	109304	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	435112	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	118910	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	205472	20.000	ng	0.00
76) Chrysene-d12	14.016	240	149629	20.000	ng	0.00
86) Perylene-d12	15.510	264	112769	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	250524	37.868	ng	0.00
7) Phenol-d6	6.463	99	495119	61.084	ng	-0.01
23) Nitrobenzene-d5	7.387	82	310067	36.054	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	87656	51.883	ng	-0.01
45) 2-Fluorobiphenyl	9.175	172	433062	47.811	ng	0.00
79) Terphenyl-d14	12.945	244	415293	48.451	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.575	163	26247	2.978	ng	97
71) Phenanthrene	11.375	178	146346	13.632	ng	97
72) Anthracene	11.428	178	33790	3.050	ng	100
75) Fluoranthene	12.575	202	233670	18.676	ng	99
78) Pyrene	12.804	202	186320	15.661	ng	99
81) Benzo(a)anthracene	14.004	228	75804	7.261	ng	99
83) Chrysene	14.039	228	73314	7.342	ng	97
87) Indeno(1,2,3-cd)pyrene	17.051	276	31190	4.234	ng	97
88) Benzo(b)fluoranthene	15.074	252	71285m	10.104	ng	
89) Benzo(k)fluoranthene	15.098	252	27793m	4.006	ng	
90) Benzo(a)pyrene	15.445	252	46851	7.185	ng	# 95
92) Benzo(g,h,i)perylene	17.515	276	30069	4.922	ng	98

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

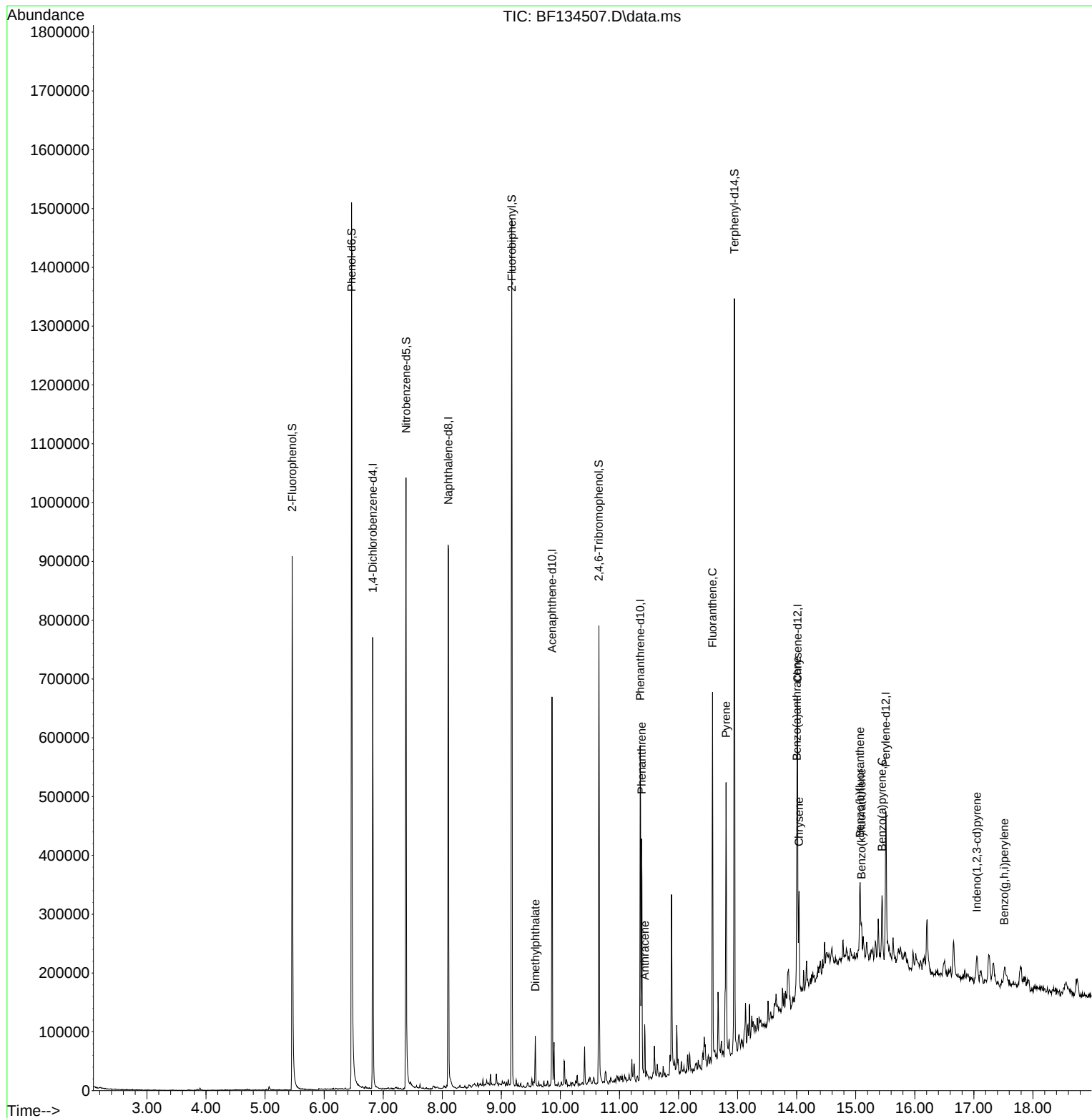
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072723\
Data File : BF134507.D
Acq On : 27 Jul 2023 15:56
Operator : CG\JU
Sample : 03736-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

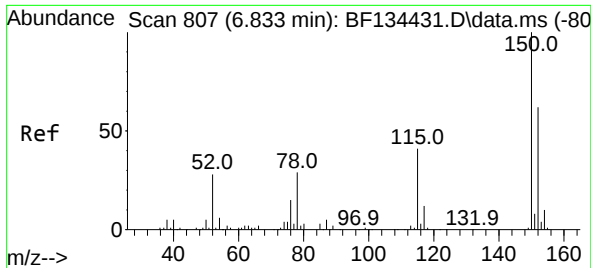
Instrument :
BNA_F
ClientSampleId :
TR-5-072423

Quant Time: Jul 27 16:46:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 27 12:16:03 2023
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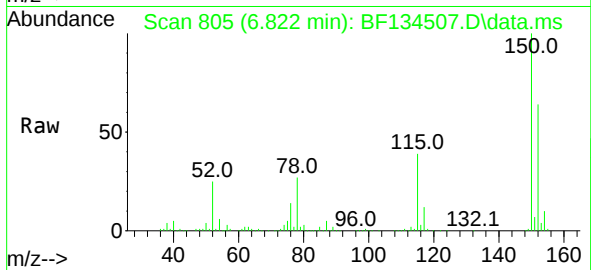
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF134507.D
Acq: 27 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

TR-5-072423



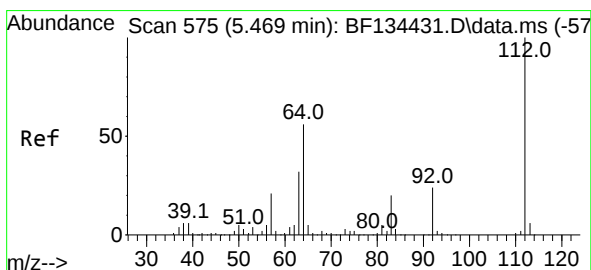
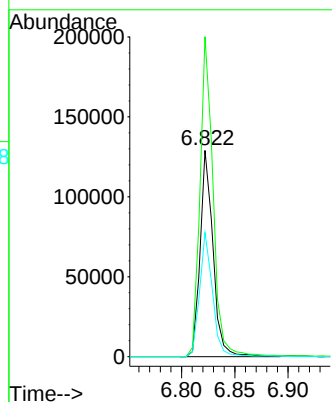
Tgt Ion:152 Resp: 109304
Ion Ratio Lower Upper
152 100
150 155.1 128.3 192.5
115 60.2 52.4 78.6

Manual Integrations

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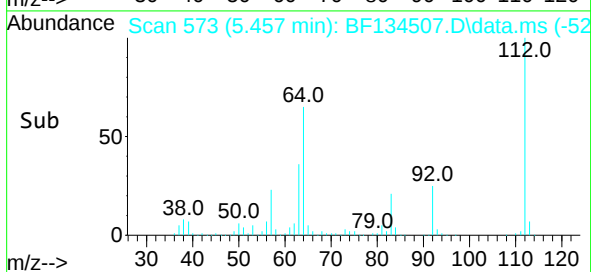
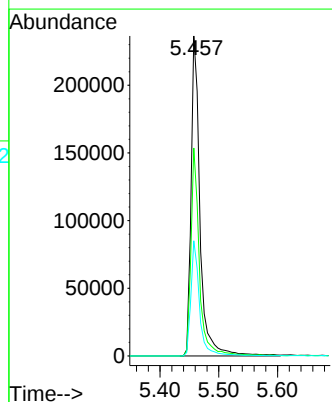
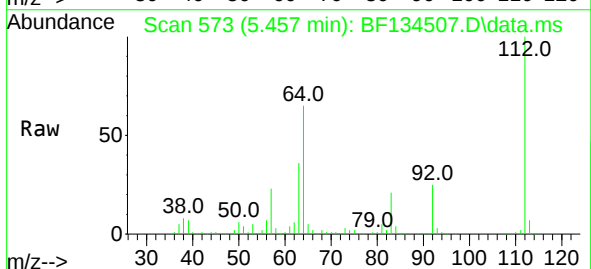
Reviewed By :Yogesh Patel 07/28/2023

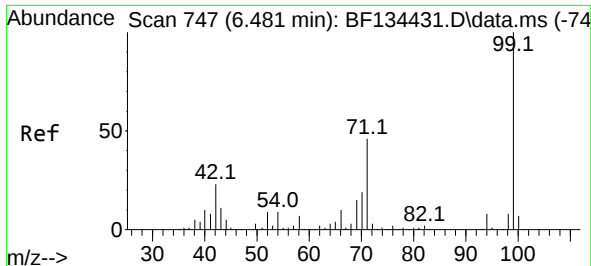
Supervised By :mohammad ahmed 07/28/2023



#5
2-Fluorophenol
Concen: 37.868 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF134507.D
Acq: 27 Jul 2023 15:56

Tgt Ion:112 Resp: 250524
Ion Ratio Lower Upper
112 100
64 65.0 44.9 67.3
63 36.0 25.4 38.0





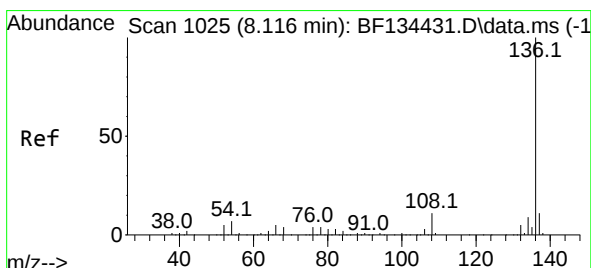
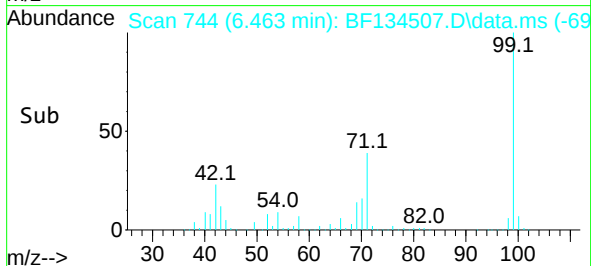
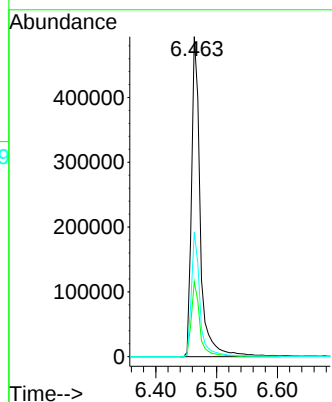
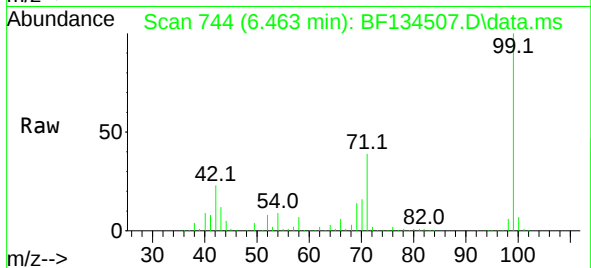
#7
Phenol-d6
Concen: 61.084 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134507.D
Acq: 27 Jul 2023 15:56

Instrument :
BNA_F
ClientSampleId :
TR-5-072423

Tgt Ion: 99 Resp: 495119
Ion Ratio Lower Upper
99 100
42 23.4 18.7 28.1
71 38.9 36.4 54.6

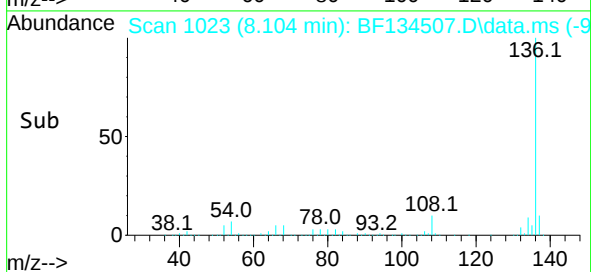
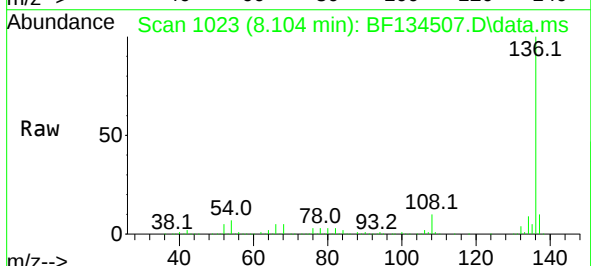
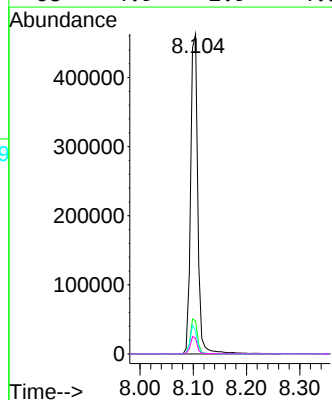
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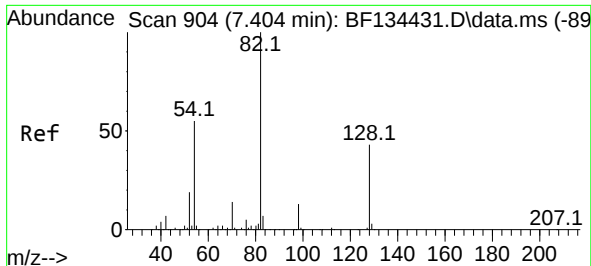
Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF134507.D
Acq: 27 Jul 2023 15:56

Tgt Ion:136 Resp: 435112
Ion Ratio Lower Upper
136 100
137 10.3 8.4 12.6
54 7.2 5.2 7.8
68 4.9 2.9 4.3#





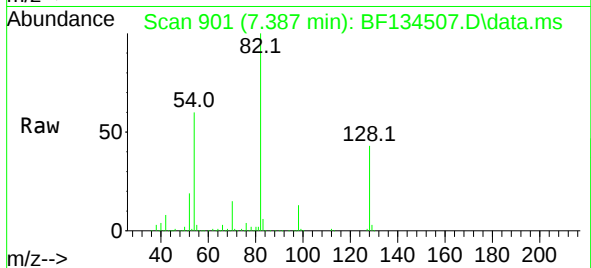
#23
Nitrobenzene-d5
Concen: 36.054 ng
RT: 7.387 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134507.D
Acq: 27 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

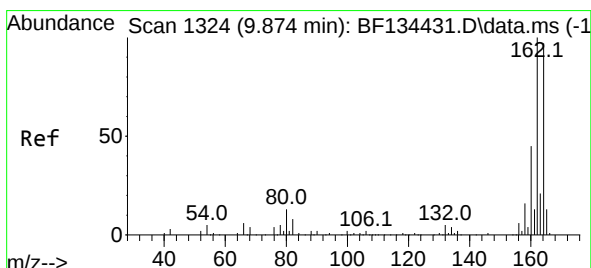
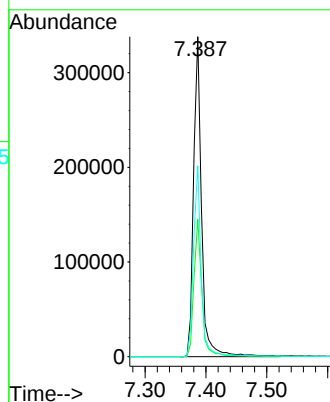
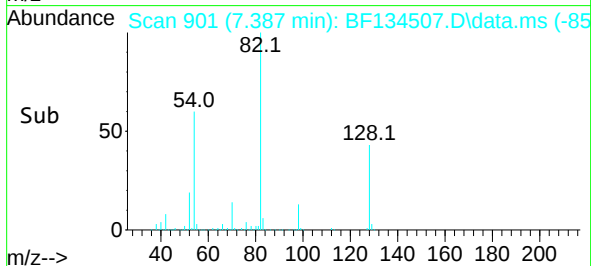
TR-5-072423



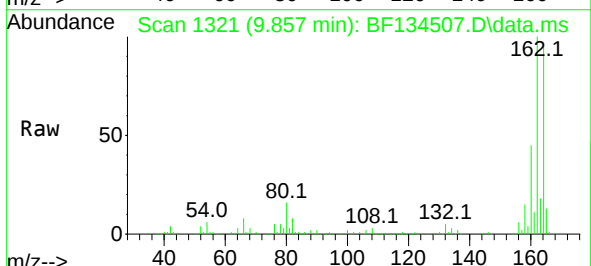
Tgt Ion: 82 Resp: 31006
Ion Ratio Lower Upper
82 100
128 42.9 34.3 51.5
54 59.6 43.8 65.6

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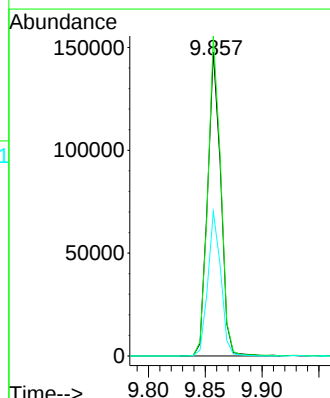
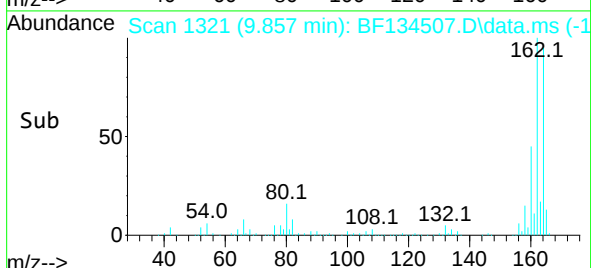
Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023

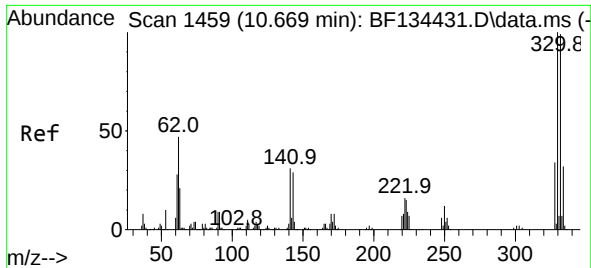


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF134507.D
Acq: 27 Jul 2023 15:56



Tgt Ion:164 Resp: 118910
Ion Ratio Lower Upper
164 100
162 105.3 82.6 123.8
160 47.5 37.2 55.8





#42
2,4,6-Tribromophenol
Concen: 51.883 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.012 min
Lab File: BF134507.D
Acq: 27 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

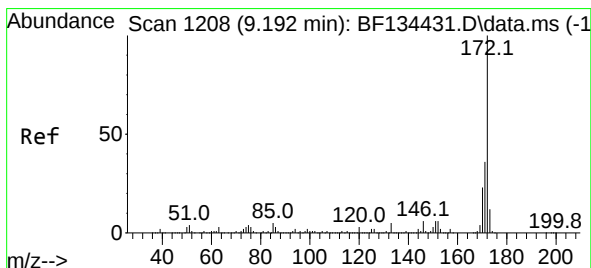
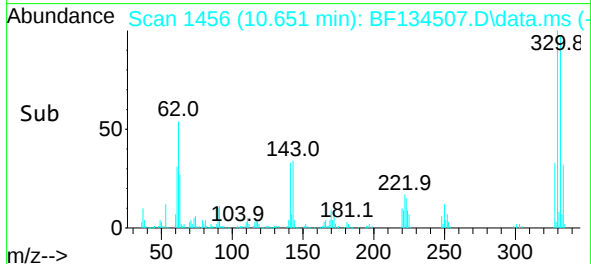
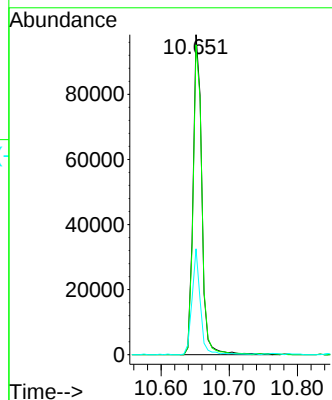
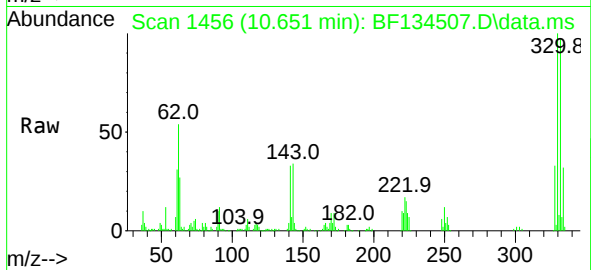
TR-5-072423

Tgt Ion:330 Resp: 87650
Ion Ratio Lower Upper
330 100
332 97.2 78.8 118.2
141 31.6 25.4 38.2

Manual Integrations

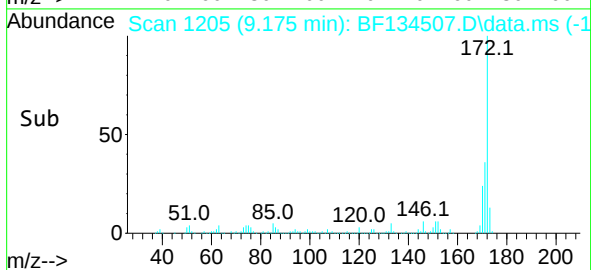
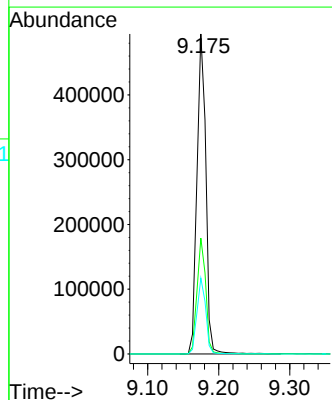
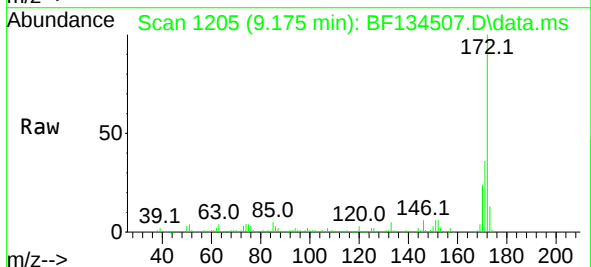
APPROVED

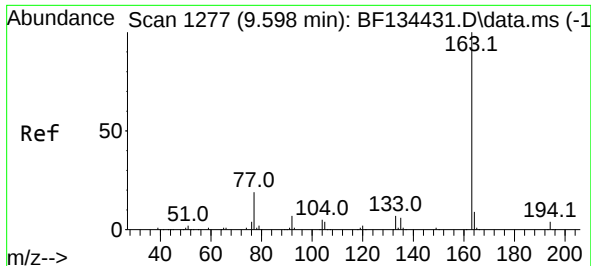
Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023



#45
2-Fluorobiphenyl
Concen: 47.811 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF134507.D
Acq: 27 Jul 2023 15:56

Tgt Ion:172 Resp: 433062
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 23.7 18.7 28.1





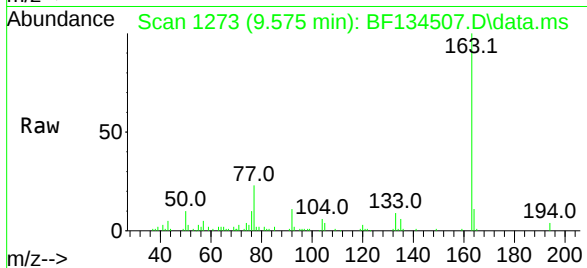
#50
Dimethylphthalate
Concen: 2.978 ng
RT: 9.575 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134507.D
Acq: 27 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

TR-5-072423



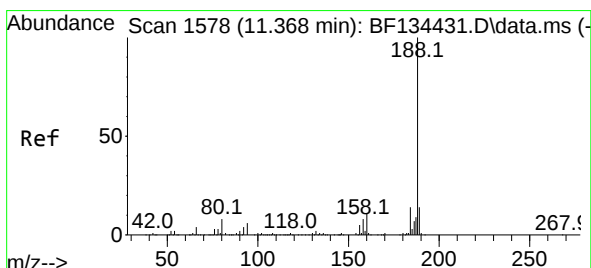
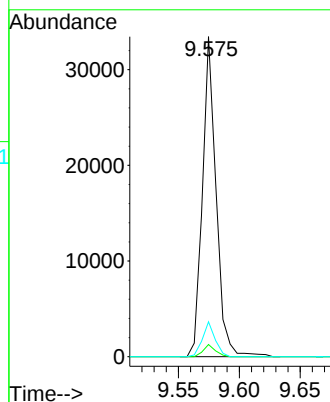
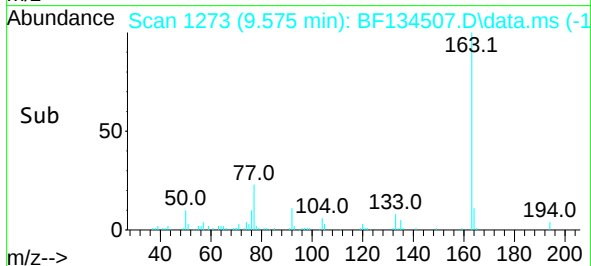
Tgt Ion:163 Resp: 2624
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.9 7.5 11.3

Manual Integrations

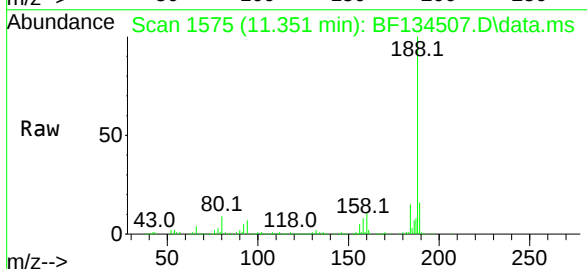
APPROVED

Reviewed By :Yogesh Patel 07/28/2023

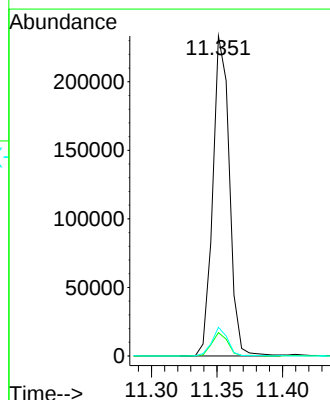
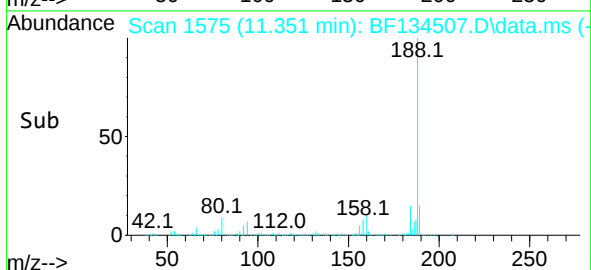
Supervised By :mohammad ahmed 07/28/2023

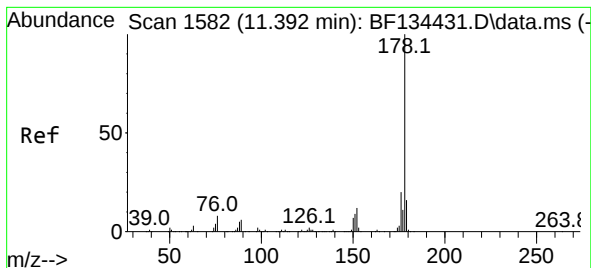


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF134507.D
Acq: 27 Jul 2023 15:56



Tgt Ion:188 Resp: 205472
Ion Ratio Lower Upper
188 100
94 7.3 5.1 7.7
80 9.0 6.6 9.8





#71

Phenanthrene

Concen: 13.632 ng

RT: 11.375 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134507.D

Acq: 27 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

TR-5-072423

Tgt Ion:178 Resp: 146340

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.6

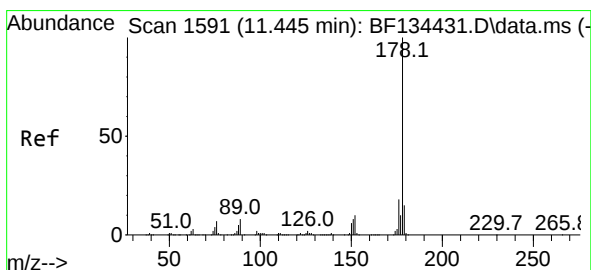
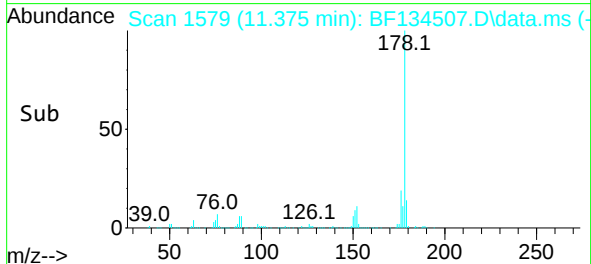
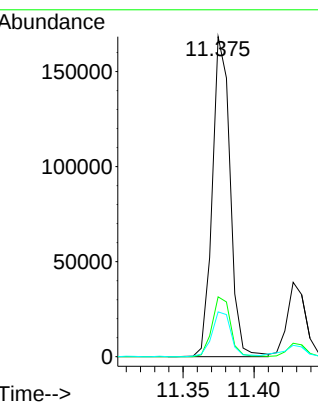
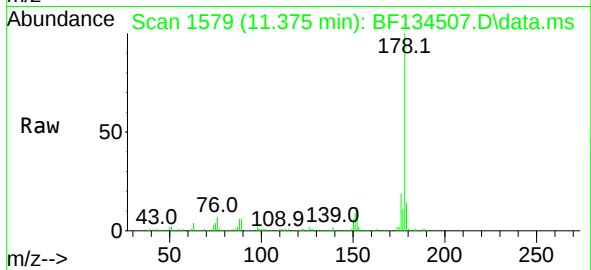
179 14.0 12.7 19.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/28/2023

Supervised By :mohammad ahmed 07/28/2023



#72

Anthracene

Concen: 3.050 ng

RT: 11.428 min Scan# 1588

Delta R.T. -0.012 min

Lab File: BF134507.D

Acq: 27 Jul 2023 15:56

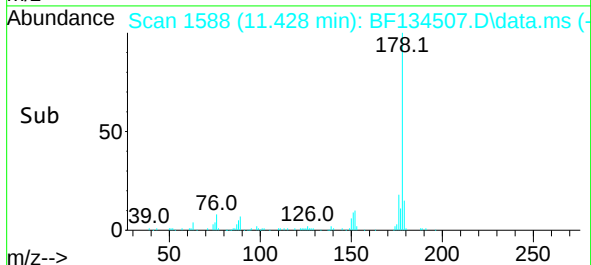
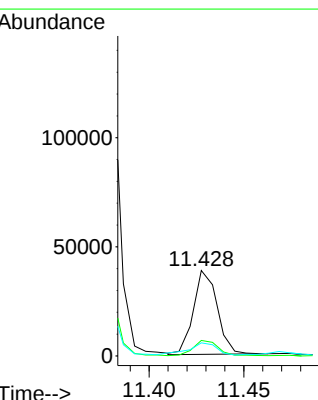
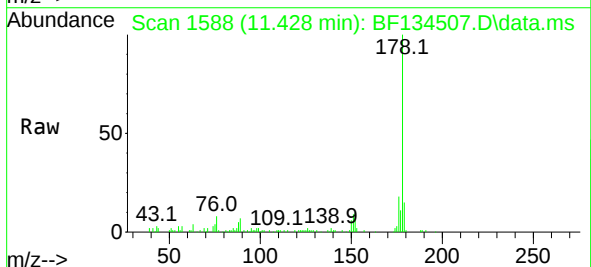
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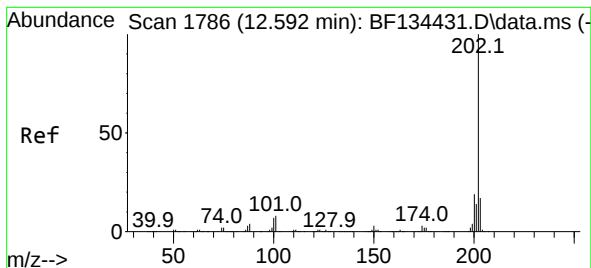
Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

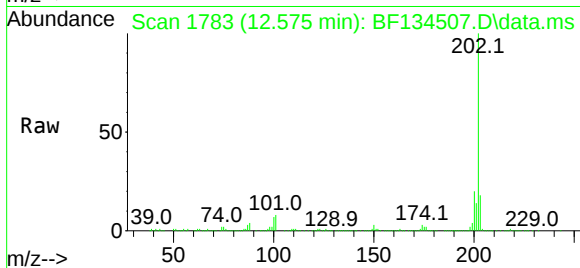
179 15.4 12.3 18.5





#75
Fluoranthene
Concen: 18.676 ng
RT: 12.575 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134507.D
Acq: 27 Jul 2023 15:56

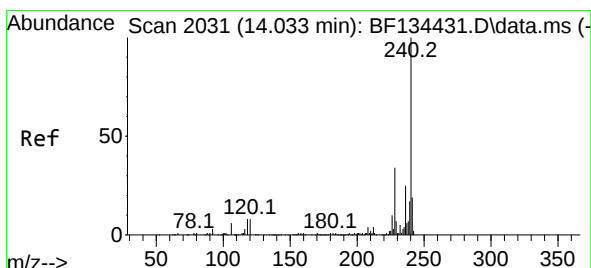
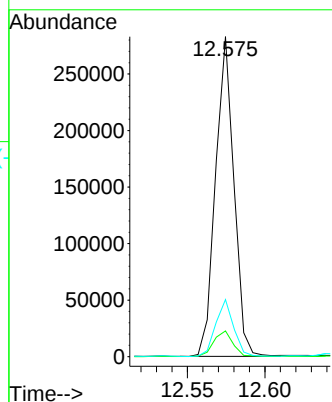
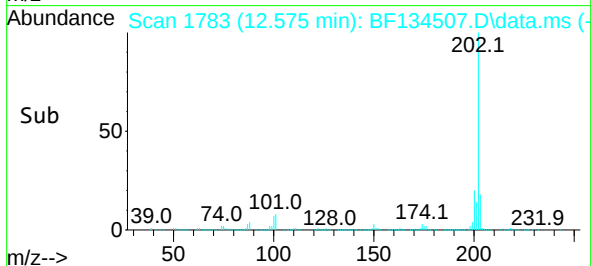
Instrument :
BNA_F
ClientSampleId :
TR-5-072423



Tgt Ion:202 Resp: 233670
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.5
203 17.8 0.0 37.5

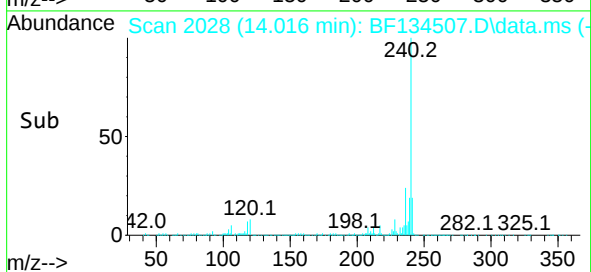
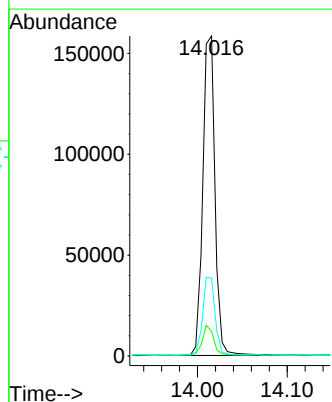
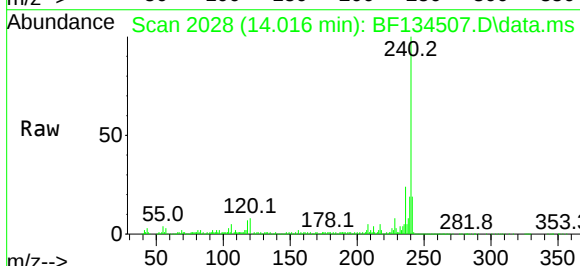
Manual Integrations
APPROVED

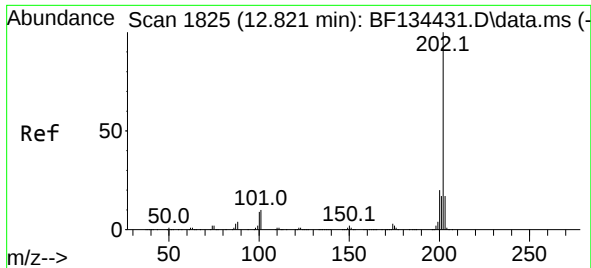
Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF134507.D
Acq: 27 Jul 2023 15:56

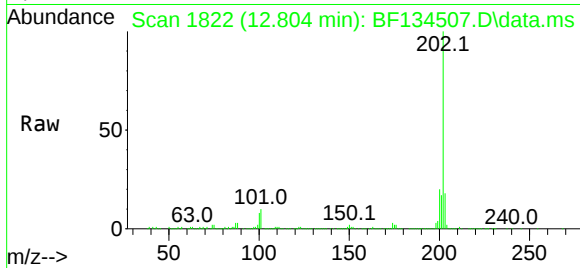
Tgt Ion:240 Resp: 149629
Ion Ratio Lower Upper
240 100
120 7.8 6.6 10.0
236 24.3 20.2 30.2





#78
Pyrene
Concen: 15.661 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF134507.D
Acq: 27 Jul 2023 15:56

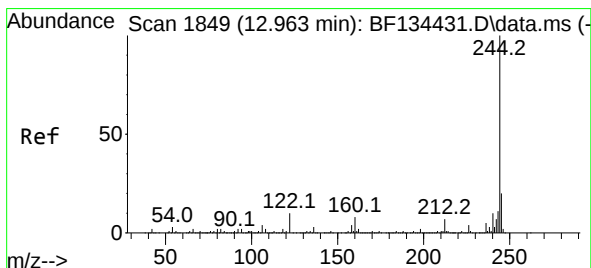
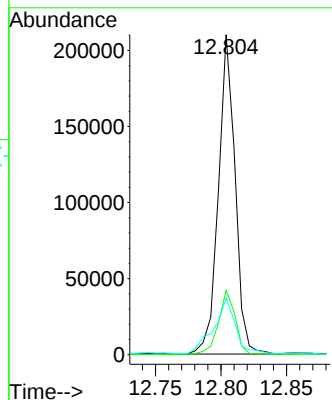
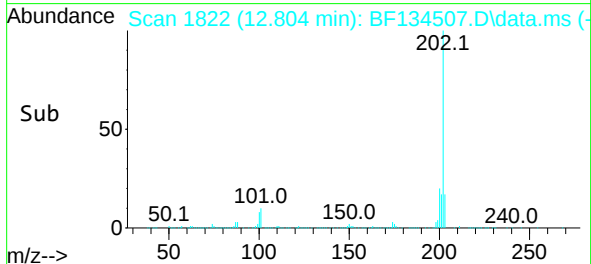
Instrument :
BNA_F
ClientSampleId :
TR-5-072423



Tgt Ion:202 Resp: 186320
Ion Ratio Lower Upper
202 100
200 20.1 15.8 23.8
203 17.7 13.5 20.3

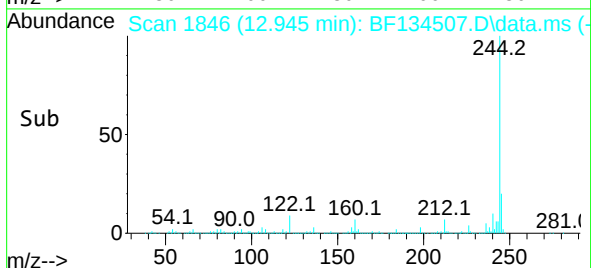
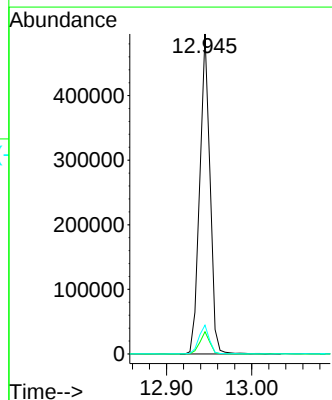
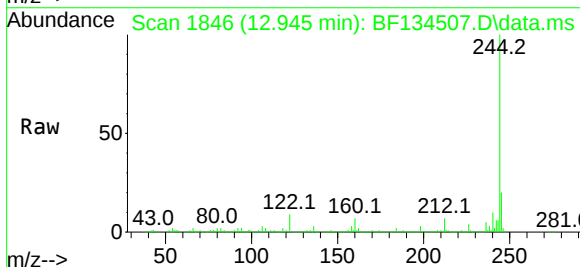
Manual Integrations
APPROVED

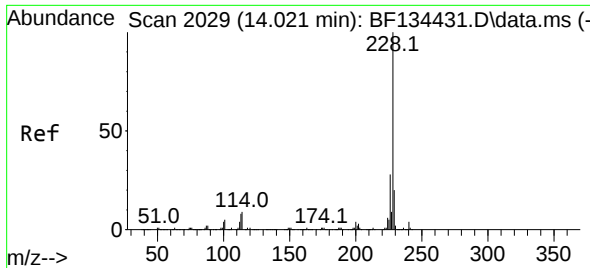
Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023



#79
Terphenyl-d14
Concen: 48.451 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BF134507.D
Acq: 27 Jul 2023 15:56

Tgt Ion:244 Resp: 415293
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 9.0 8.0 12.0





#81
Benzo(a)anthracene
Concen: 7.261 ng
RT: 14.004 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF134507.D
Acq: 27 Jul 2023 15:56

Instrument :

BNA_F

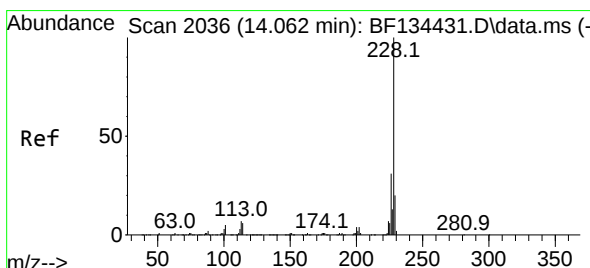
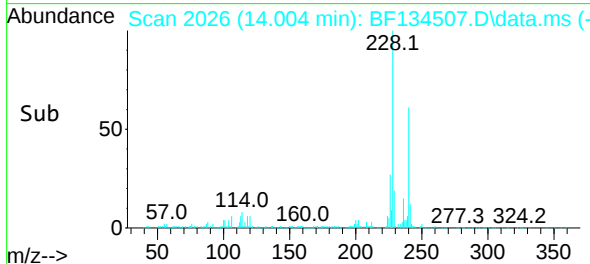
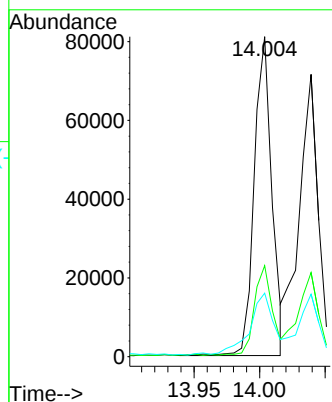
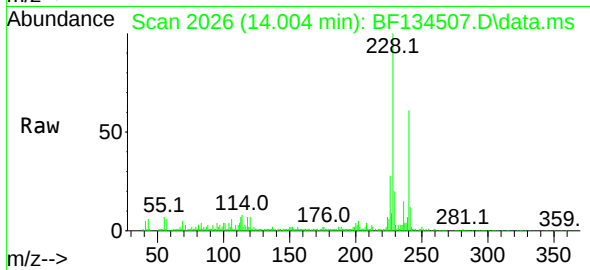
ClientSampleId :

TR-5-072423

Tgt Ion:228 Resp: 75804
Ion Ratio Lower Upper
228 100
226 28.4 22.3 33.5
229 19.9 15.8 23.6

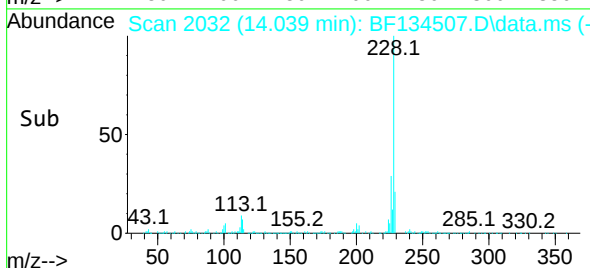
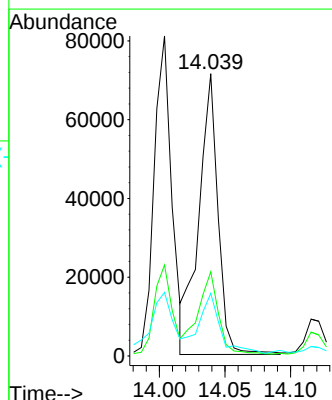
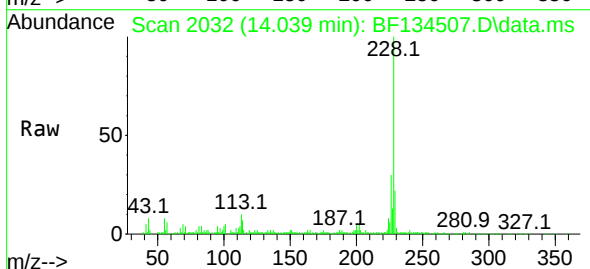
Manual Integrations
APPROVED

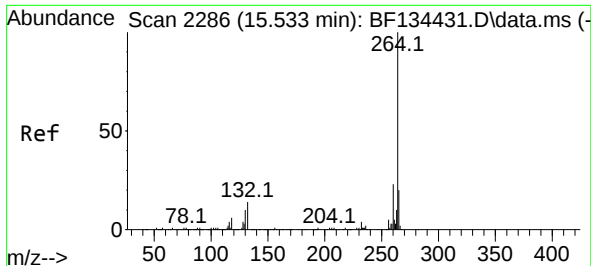
Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023



#83
Chrysene
Concen: 7.342 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF134507.D
Acq: 27 Jul 2023 15:56

Tgt Ion:228 Resp: 73314
Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 22.2 15.8 23.8





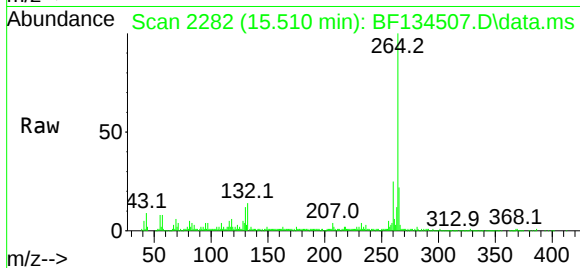
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134507.D
Acq: 27 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

TR-5-072423

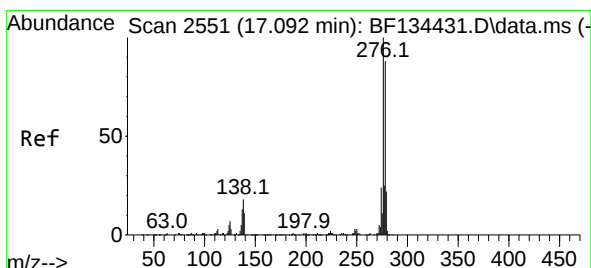
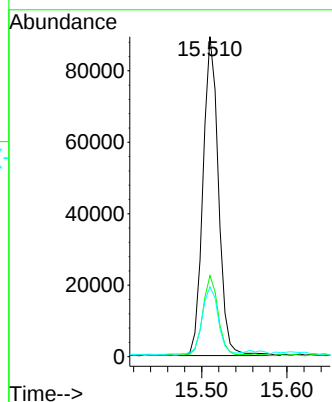
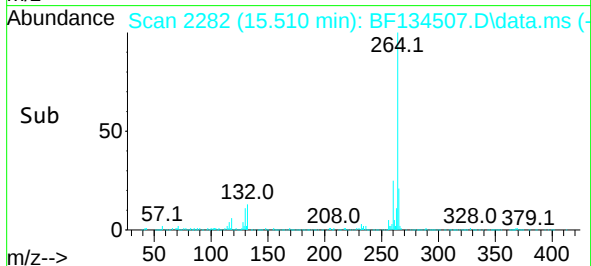


Tgt Ion:264 Resp: 112769
Ion Ratio Lower Upper
264 100
260 25.3 18.4 27.6
265 21.8 15.8 23.8

Manual Integrations

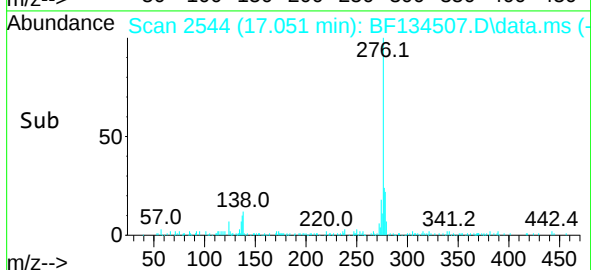
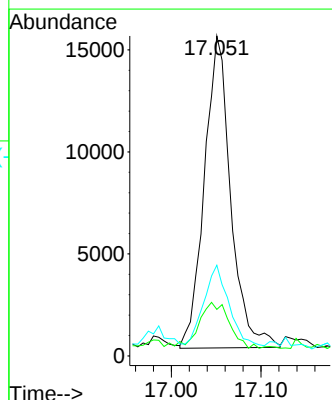
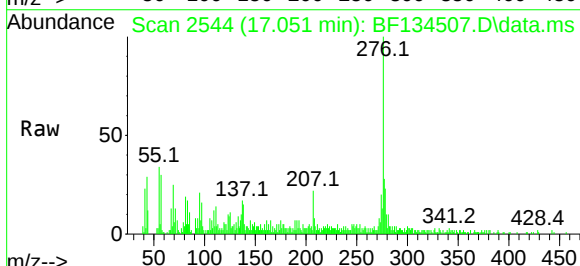
APPROVED

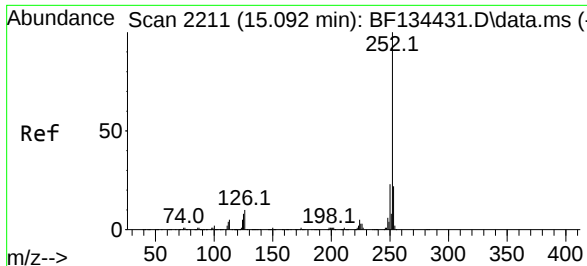
Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.234 ng
RT: 17.051 min Scan# 2544
Delta R.T. -0.006 min
Lab File: BF134507.D
Acq: 27 Jul 2023 15:56

Tgt Ion:276 Resp: 31190
Ion Ratio Lower Upper
276 100
138 16.0 14.2 21.4
277 24.2 19.9 29.9





#88
Benzo(b)fluoranthene
Concen: 10.104 ng m
RT: 15.074 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF134507.D
Acq: 27 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

TR-5-072423

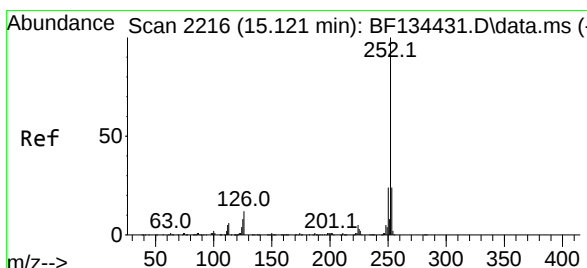
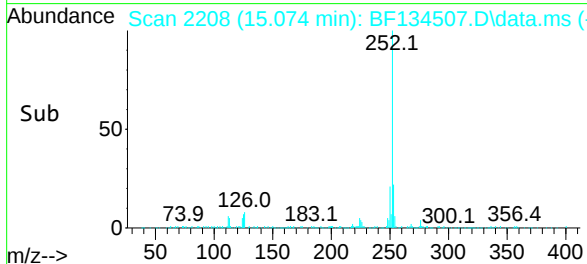
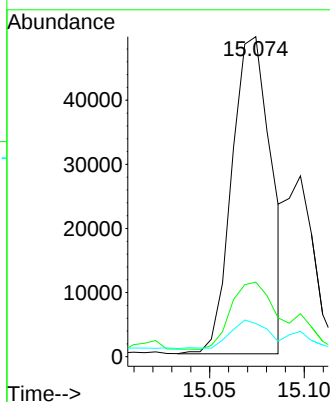
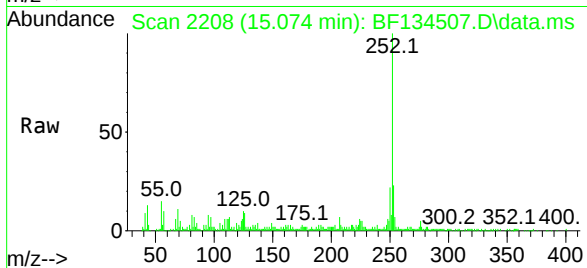
Tgt Ion:252 Resp: 71285
Ion Ratio Lower Upper
252 100
253 23.3 17.3 25.9
125 10.4 6.0 9.0

Manual Integrations

APPROVED

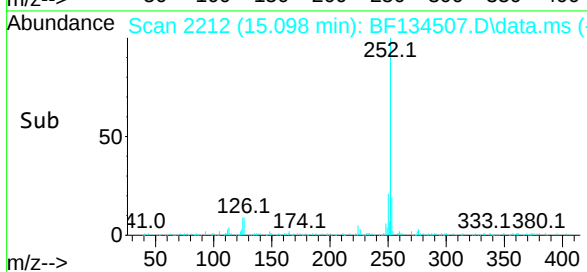
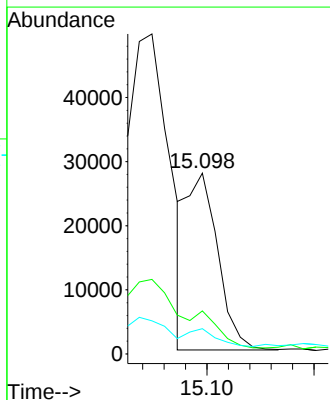
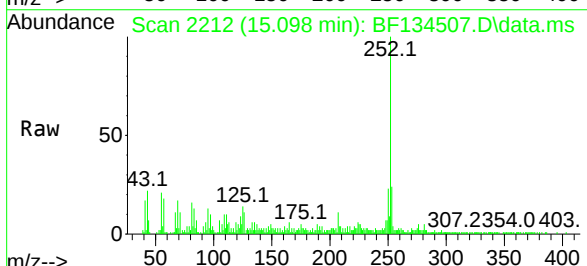
Reviewed By :Yogesh Patel 07/28/2023

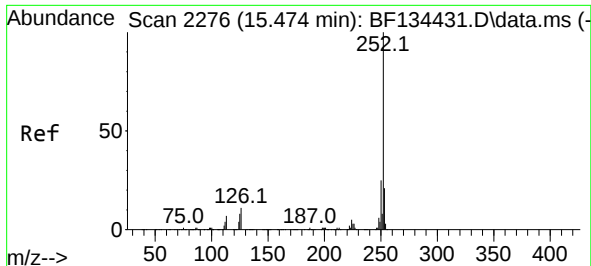
Supervised By :mohammad ahmed 07/28/2023



#89
Benzo(k)fluoranthene
Concen: 4.006 ng m
RT: 15.098 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF134507.D
Acq: 27 Jul 2023 15:56

Tgt Ion:252 Resp: 27793
Ion Ratio Lower Upper
252 100
253 23.8 17.9 26.9
125 14.0 6.3 9.5





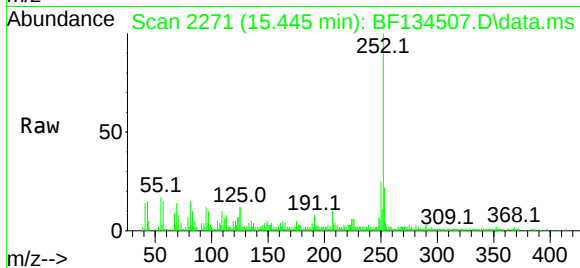
#90
Benzo(a)pyrene
Concen: 7.185 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134507.D
Acq: 27 Jul 2023 15:56

Instrument :

BNA_F

ClientSampleId :

TR-5-072423

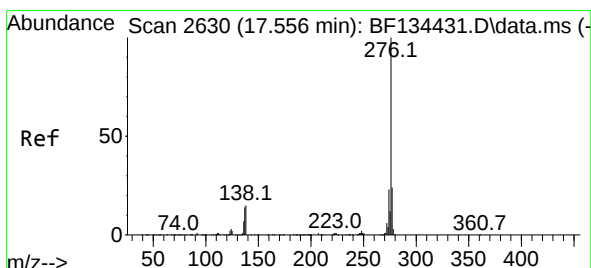
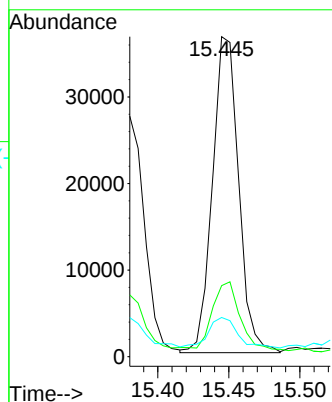
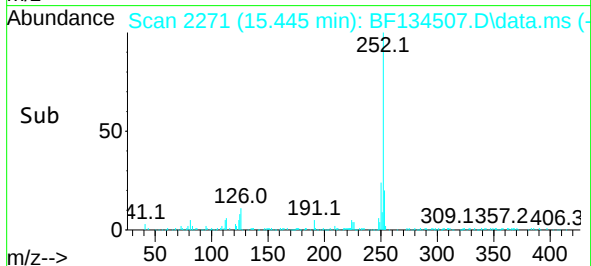


Tgt Ion:252 Resp: 4685
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 12.2 6.2 9.4

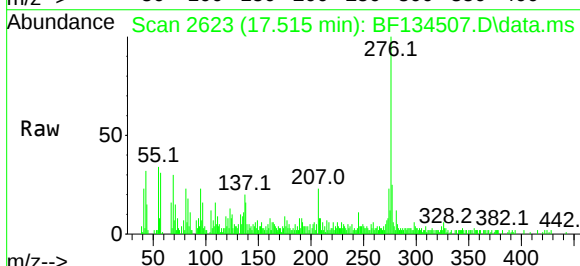
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023



#92
Benzo(g,h,i)perylene
Concen: 4.922 ng
RT: 17.515 min Scan# 2623
Delta R.T. -0.006 min
Lab File: BF134507.D
Acq: 27 Jul 2023 15:56



Tgt Ion:276 Resp: 30069
Ion Ratio Lower Upper
276 100
277 25.1 19.0 28.6
138 15.8 12.2 18.2

