

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134457.D
 Acq On : 25 Jul 2023 06:19
 Operator : CG\JU
 Sample : 03659-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-3-071823

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 25 06:45:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	61722	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	245290	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	90565	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	168403	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	97212	20.000	ng	0.00
86) Perylene-d12	15.545	264	84955	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	329044	88.079	ng	0.00
7) Phenol-d6	6.475	99	376843	82.333	ng	0.00
23) Nitrobenzene-d5	7.398	82	285145	58.815	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	102932	79.993	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	413524	59.943	ng	0.00
79) Terphenyl-d14	12.980	244	321222	57.683	ng	0.02
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.828	142	18630	2.196	ng	97
50) Dimethylphthalate	9.586	163	46265	6.891	ng	# 95
71) Phenanthrene	11.392	178	34699	3.944	ng	96
75) Fluoranthene	12.598	202	48644	4.744	ng	97
78) Pyrene	12.833	202	58893m	7.619	ng	
81) Benzo(a)anthracene	14.027	228	20571	3.033	ng	# 86
83) Chrysene	14.063	228	24112m	3.717	ng	
88) Benzo(b)fluoranthene	15.098	252	18107m	3.407	ng	
90) Benzo(a)pyrene	15.480	252	14019	2.854	ng	# 54

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

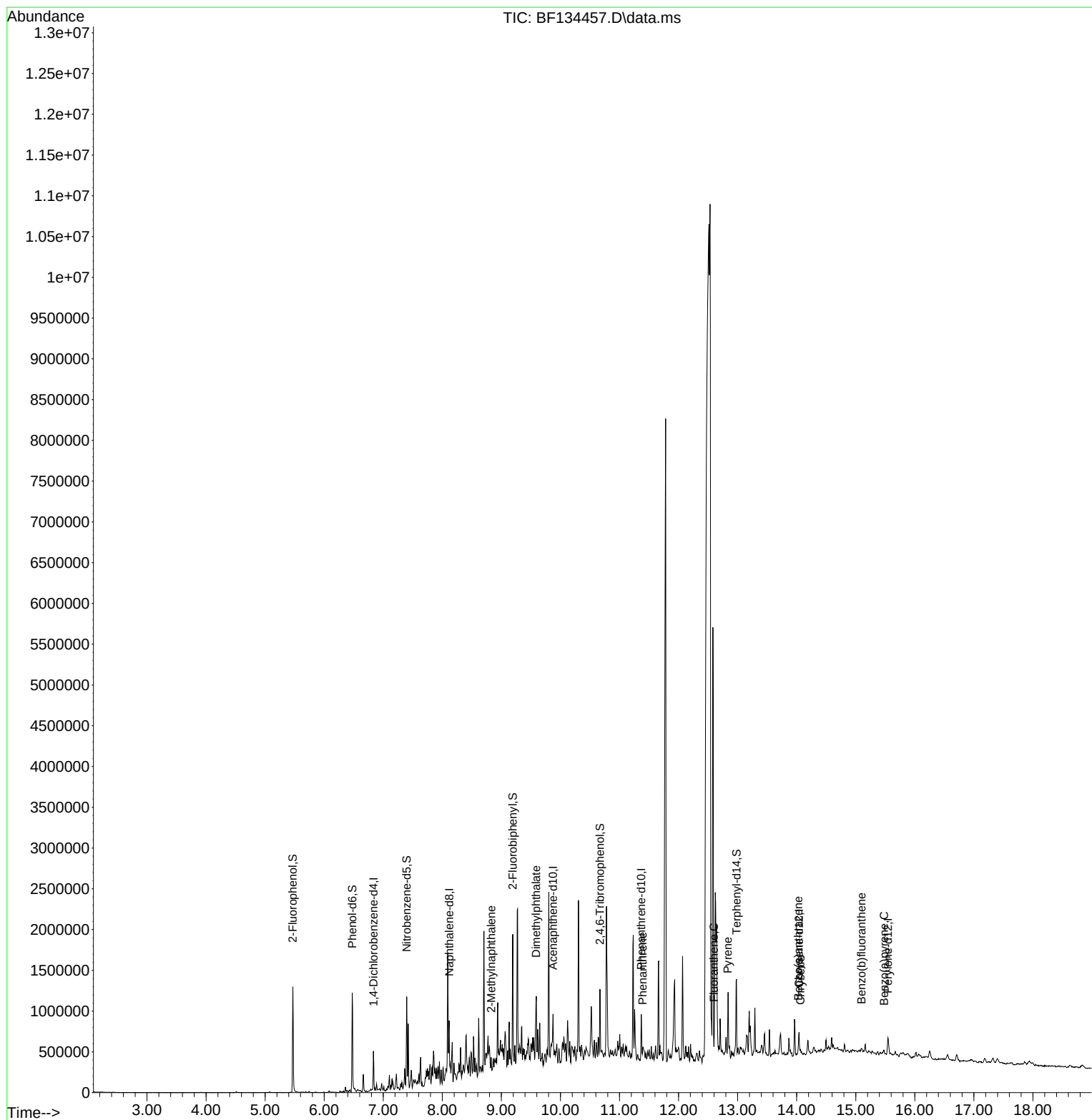
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134457.D
Acq On : 25 Jul 2023 06:19
Operator : CG\JU
Sample : 03659-03
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ALS Vial : 21 Sample Multiplier: 1

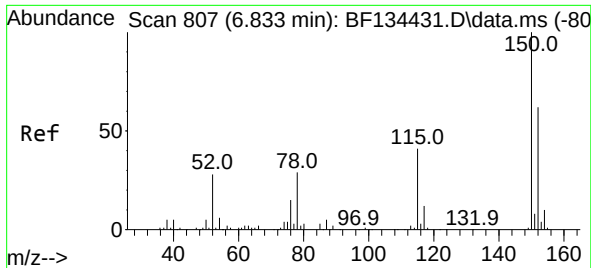
Instrument :
BNA_F
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HR-3-071823

Quant Time: Jul 25 06:45:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:46:04 2023
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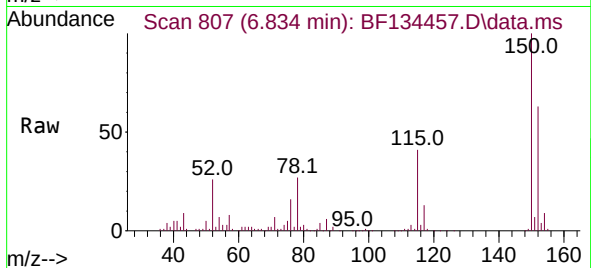
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.001 min
Lab File: BF134457.D
Acq: 25 Jul 2023 06:19

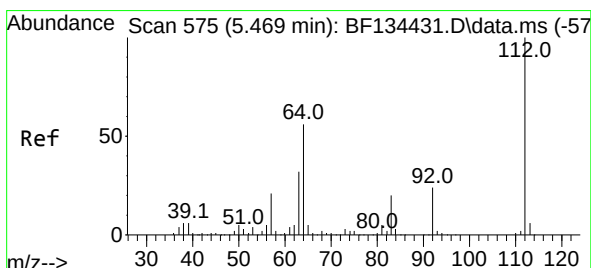
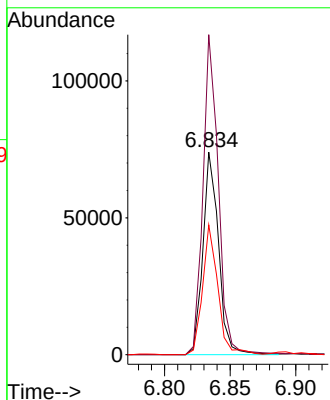
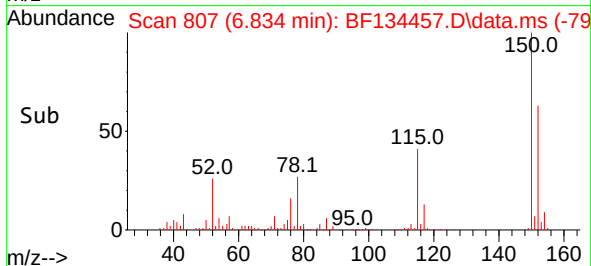
Instrument :
BNA_F
ClientSampleId :
HR-3-071823



Tgt Ion:152 Resp: 6172
Ion Ratio Lower Upper
152 100
150 157.9 128.3 192.5
115 64.0 52.4 78.6

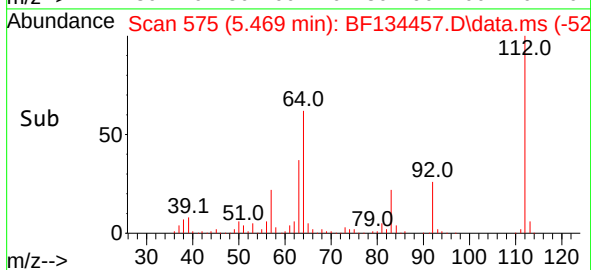
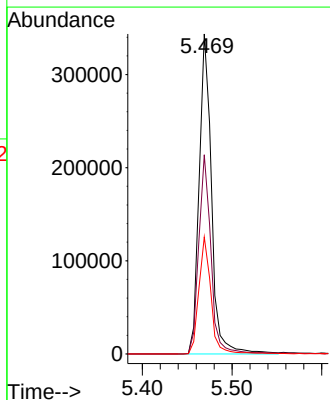
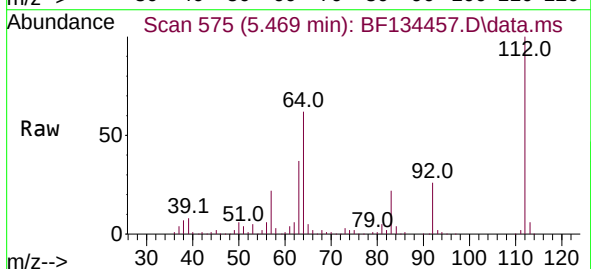
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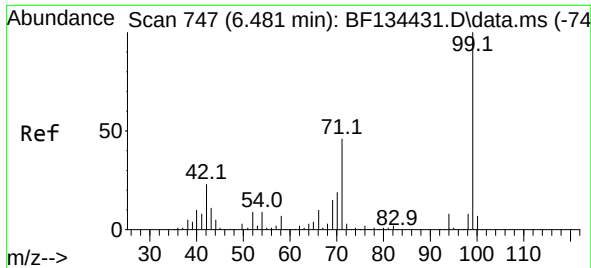
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#5
2-Fluorophenol
Concen: 88.079 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.000 min
Lab File: BF134457.D
Acq: 25 Jul 2023 06:19

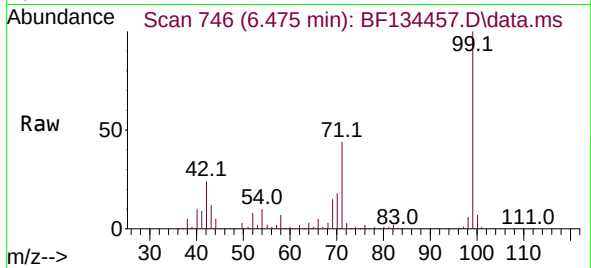
Tgt Ion:112 Resp: 329044
Ion Ratio Lower Upper
112 100
64 62.3 44.9 67.3
63 36.6 25.4 38.0





#7
Phenol-d6
Concen: 82.333 ng
RT: 6.475 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF134457.D
Acq: 25 Jul 2023 06:19

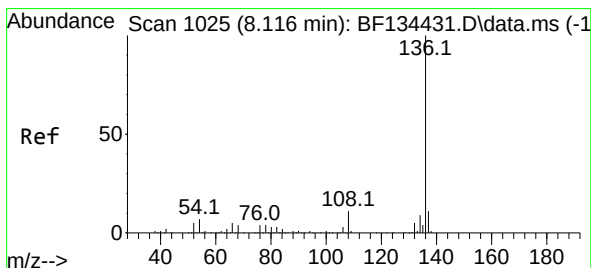
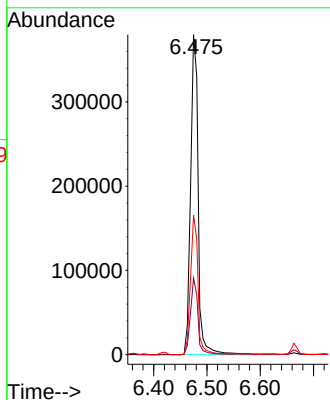
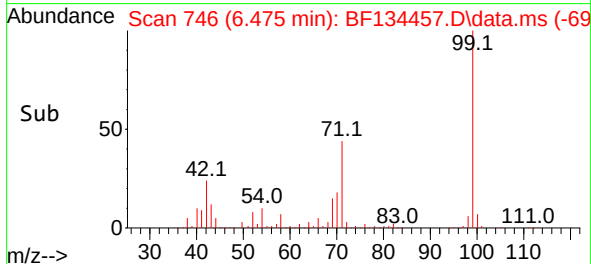
Instrument :
BNA_F
ClientSampleId :
HR-3-071823



Tgt Ion: 99 Resp: 37684
Ion Ratio Lower Upper
99 100
42 24.0 18.7 28.1
71 43.6 36.4 54.6

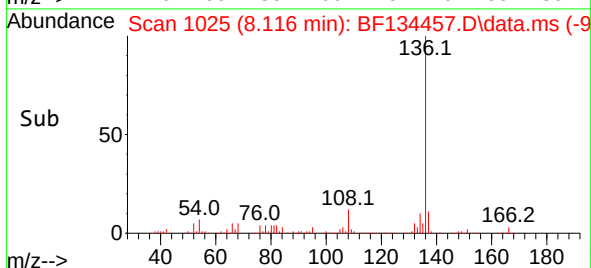
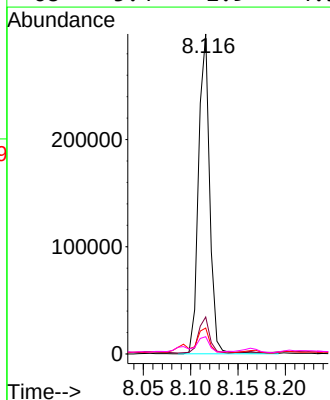
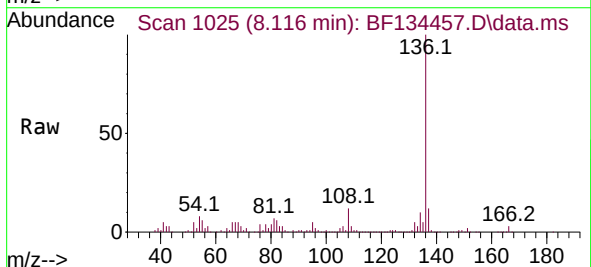
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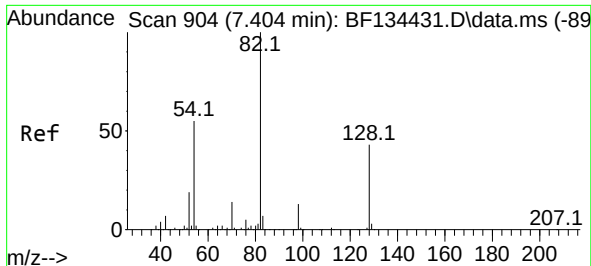
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF134457.D
Acq: 25 Jul 2023 06:19

Tgt Ion:136 Resp: 245290
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 8.1 5.2 7.8#
68 5.4 2.9 4.3#





#23
Nitrobenzene-d5
Concen: 58.815 ng
RT: 7.398 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134457.D
Acq: 25 Jul 2023 06:19

Instrument :

BNA_F

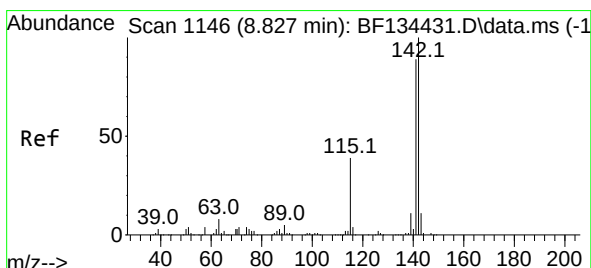
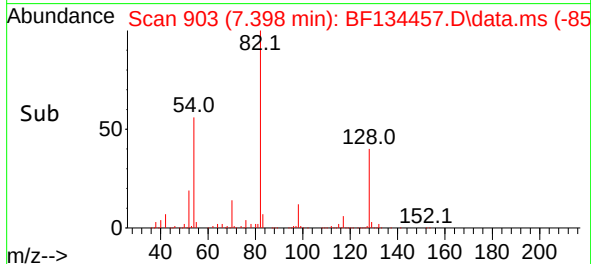
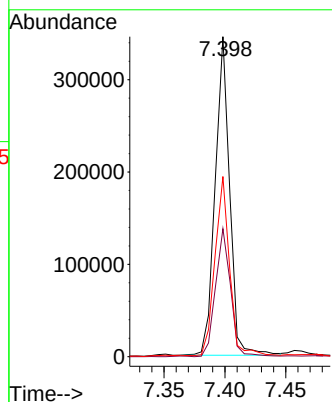
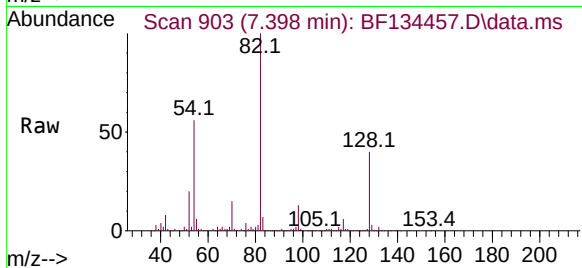
ClientSampleId :

HR-3-071823

Tgt Ion: 82 Resp: 28514
Ion Ratio Lower Upper
82 100
128 40.0 34.3 51.5
54 56.3 43.8 65.6

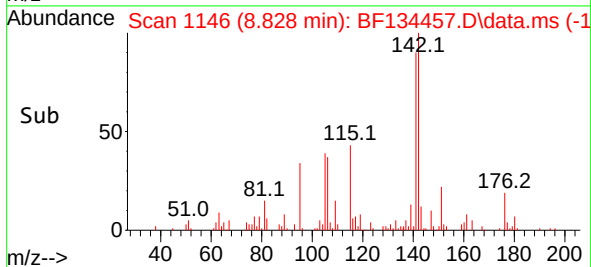
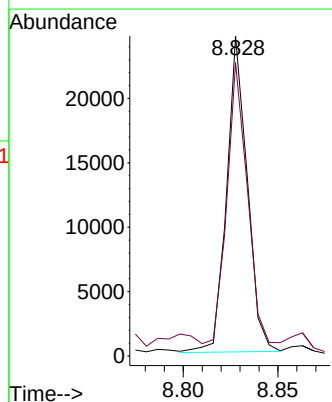
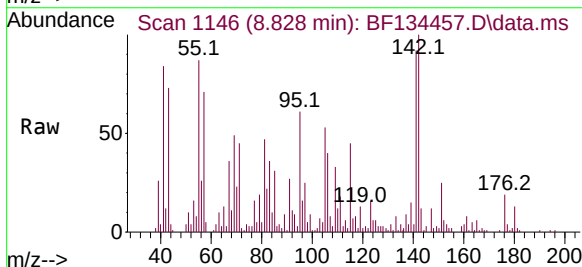
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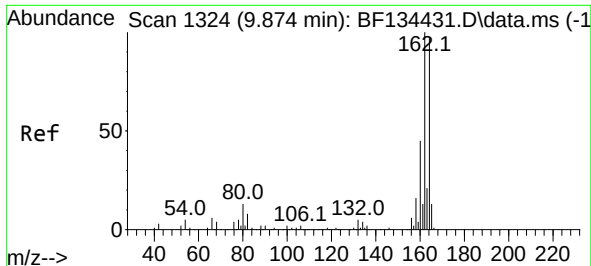
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#37
2-Methylnaphthalene
Concen: 2.196 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF134457.D
Acq: 25 Jul 2023 06:19

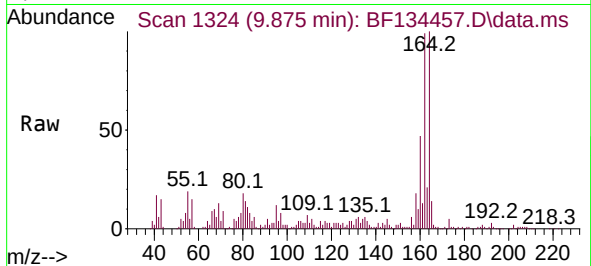
Tgt Ion:142 Resp: 18630
Ion Ratio Lower Upper
142 100
141 91.6 70.8 106.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134457.D
Acq: 25 Jul 2023 06:19

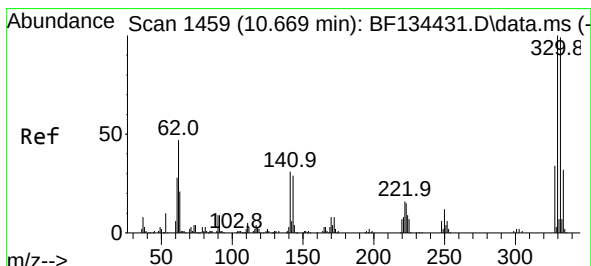
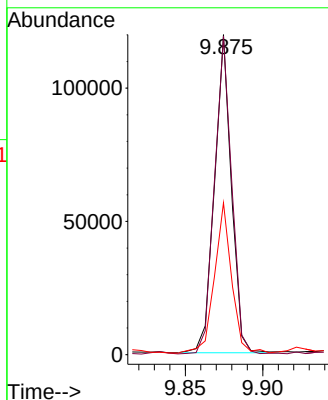
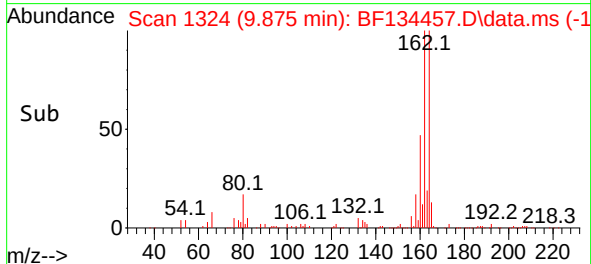
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BNA_F
ClientSampleId :
HR-3-071823



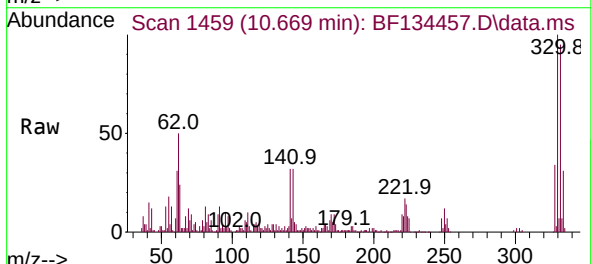
Tgt Ion:164 Resp: 9056
Ion Ratio Lower Upper
164 100
162 99.4 82.6 123.8
160 47.5 37.2 55.8

Manual Integrations
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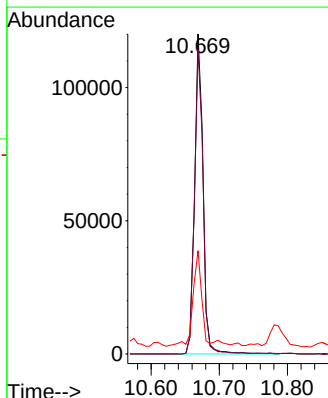
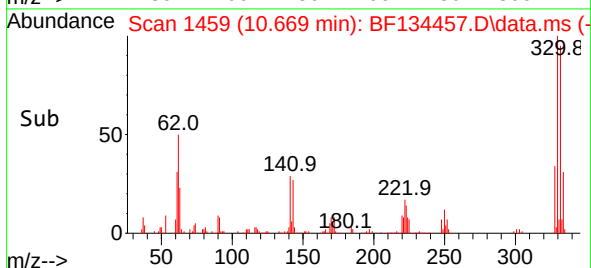
Reviewed By :Yogesh Patel 07/25/2023
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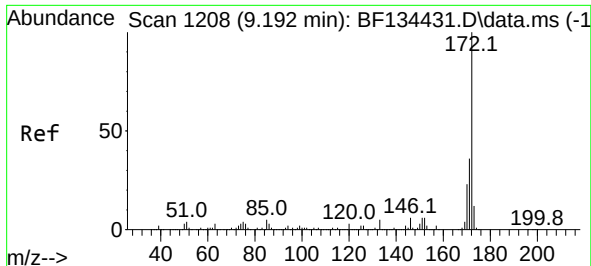


#42
2,4,6-Tribromophenol
Concen: 79.993 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF134457.D
Acq: 25 Jul 2023 06:19



Tgt Ion:330 Resp: 102932
Ion Ratio Lower Upper
330 100
332 96.4 78.8 118.2
141 30.3 25.4 38.2





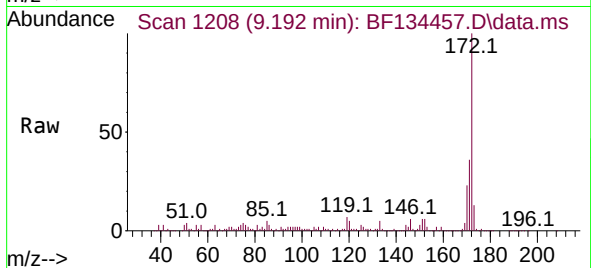
#45
2-Fluorobiphenyl
Concen: 59.943 ng
RT: 9.192 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134457.D
Acq: 25 Jul 2023 06:19

Instrument :

BNA_F

ClientSampleId :

HR-3-071823

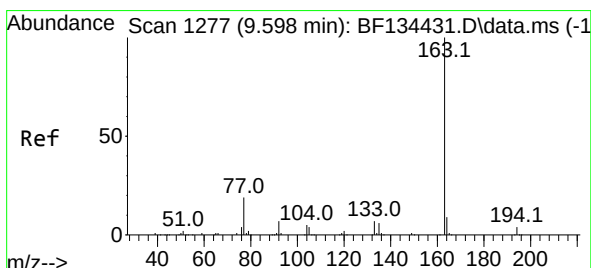
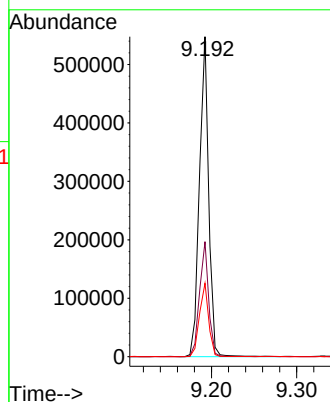
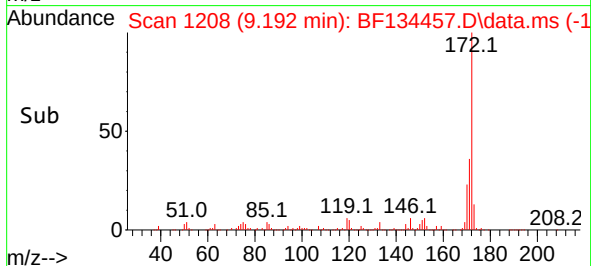


Tgt Ion:172 Resp: 413524
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.0 18.7 28.1

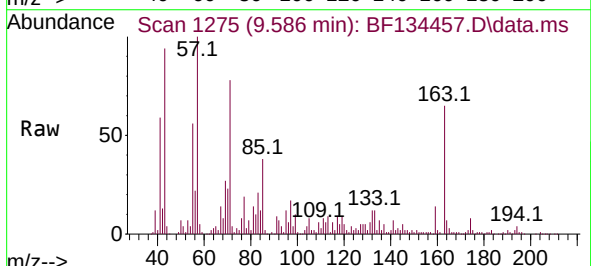
Manual Integrations

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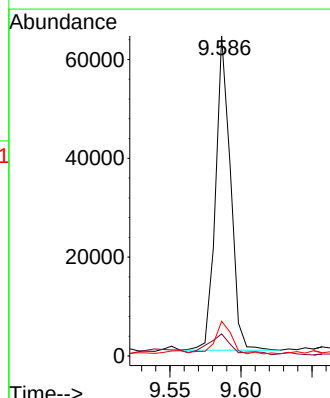
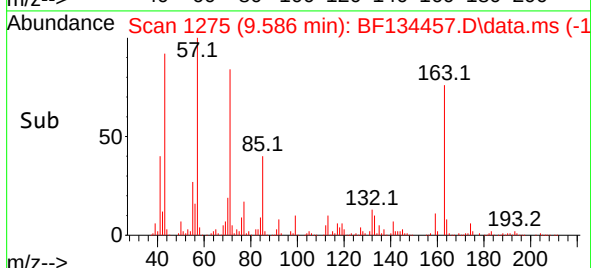
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

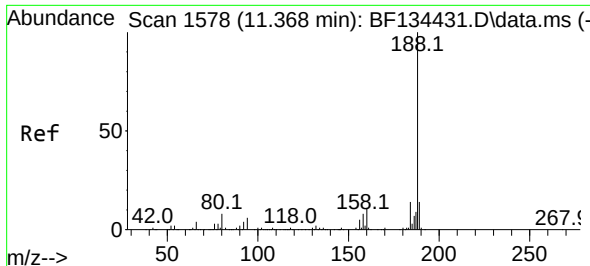


#50
Dimethylphthalate
Concen: 6.891 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BF134457.D
Acq: 25 Jul 2023 06:19



Tgt Ion:163 Resp: 46265
Ion Ratio Lower Upper
163 100
194 6.9 3.3 4.9#
164 10.9 7.5 11.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF134457.D
Acq: 25 Jul 2023 06:19

Instrument :

BNA_F

ClientSampleId :

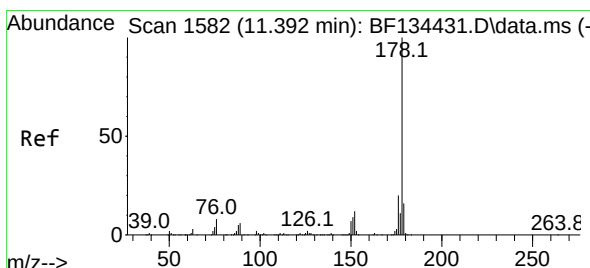
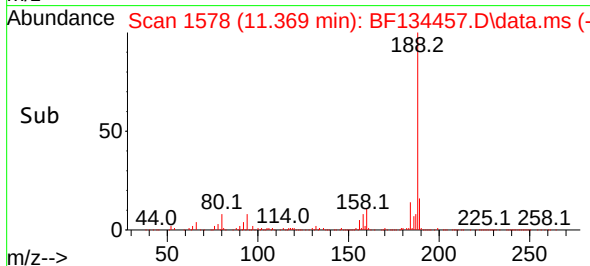
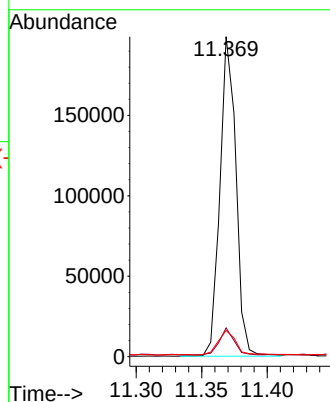
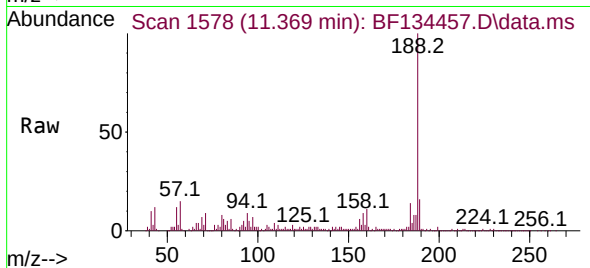
HR-3-071823

Tgt Ion:188 Resp: 168400
Ion Ratio Lower Upper
188 100
94 9.0 5.1 7.7
80 8.2 6.6 9.8

Manual Integrations

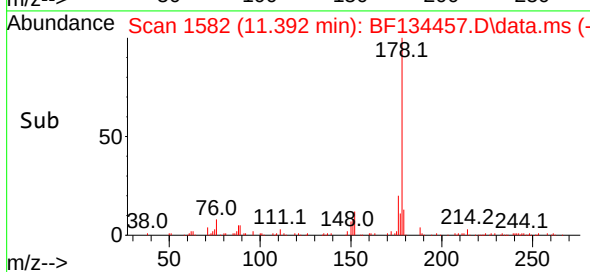
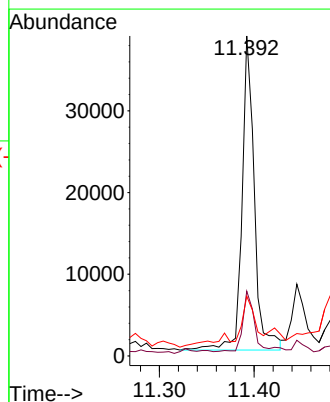
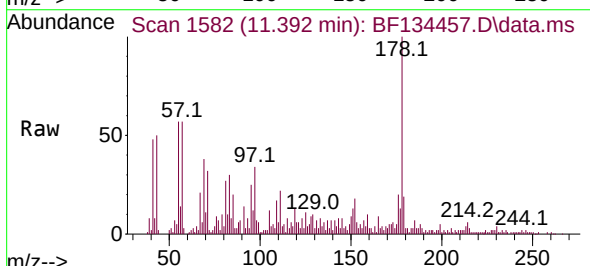
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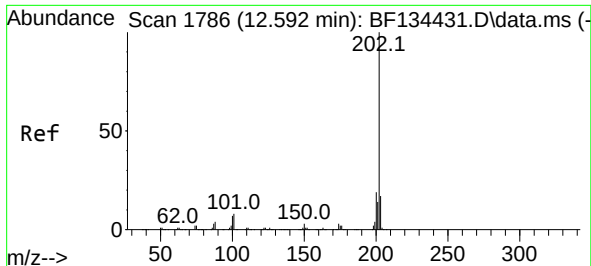
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#71
Phenanthrene
Concen: 3.944 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF134457.D
Acq: 25 Jul 2023 06:19

Tgt Ion:178 Resp: 34699
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.6
179 18.7 12.7 19.1





#75
Fluoranthene
Concen: 4.744 ng
RT: 12.598 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134457.D
Acq: 25 Jul 2023 06:19

Instrument :

BNA_F

ClientSampleId :

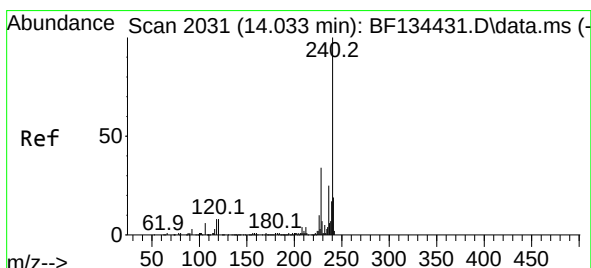
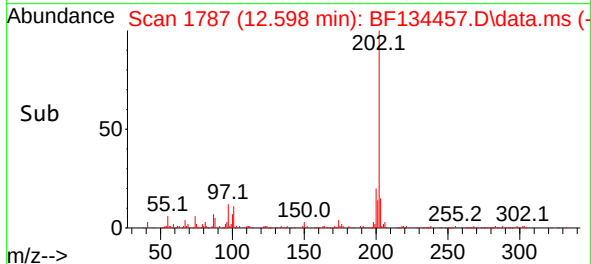
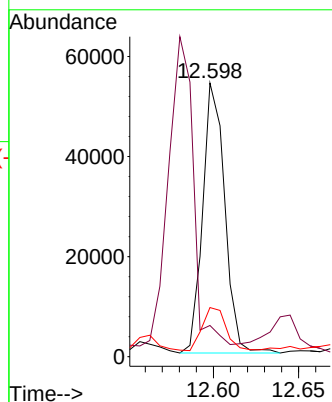
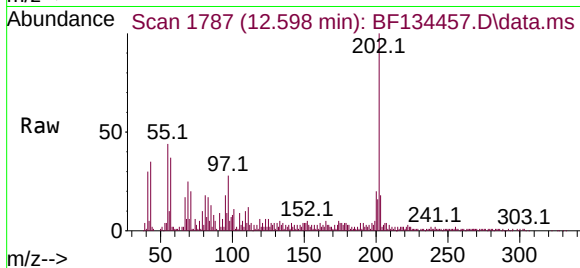
HR-3-071823

Tgt Ion:202 Resp: 4864
Ion Ratio Lower Upper
202 100
101 11.4 0.0 28.5
203 17.9 0.0 37.5

Manual Integrations

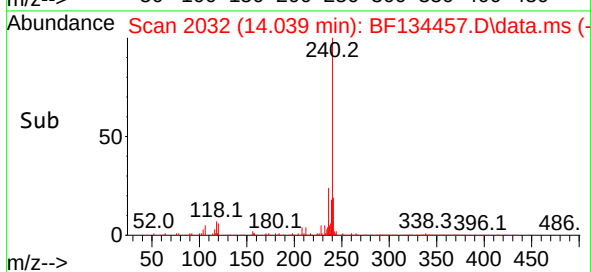
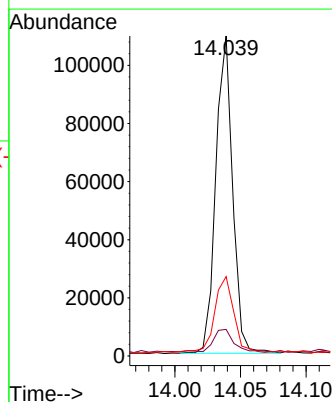
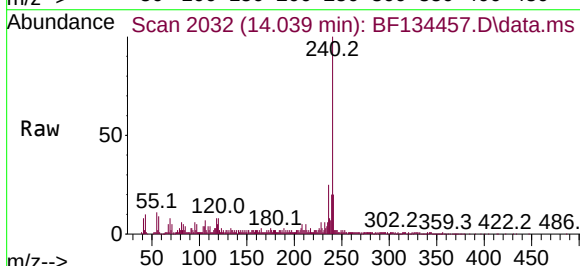
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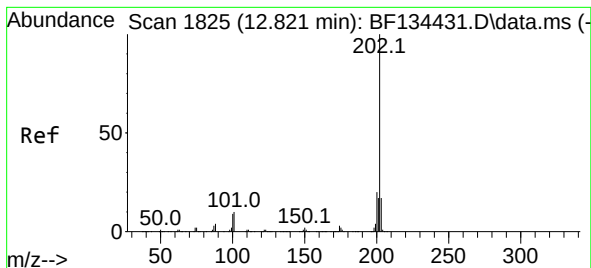
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF134457.D
Acq: 25 Jul 2023 06:19

Tgt Ion:240 Resp: 97212
Ion Ratio Lower Upper
240 100
120 8.3 6.6 10.0
236 24.8 20.2 30.2





#78

Pyrene

Concen: 7.619 ng m

RT: 12.833 min Scan# 1825

Delta R.T. 0.012 min

Lab File: BF134457.D

Acq: 25 Jul 2023 06:19

Instrument :

BNA_F

ClientSampleId :

HR-3-071823

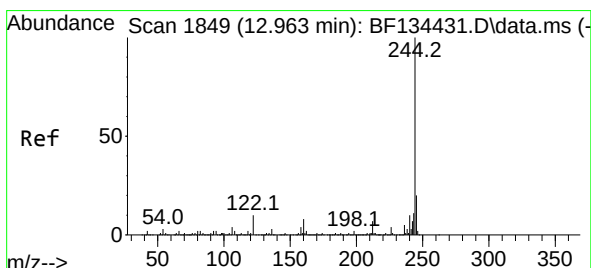
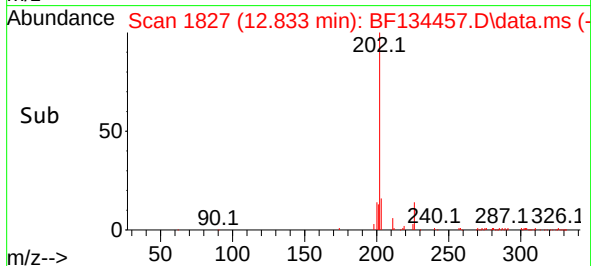
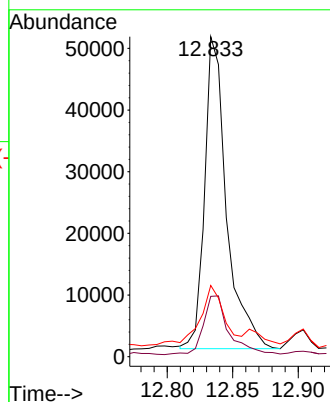
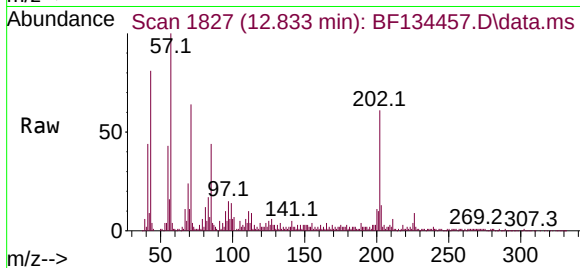
Tgt Ion:202 Resp: 5889
 Ion Ratio Lower Upper
 202 100
 200 18.8 15.8 23.8
 203 22.2 13.5 20.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#79

Terphenyl-d14

Concen: 57.683 ng

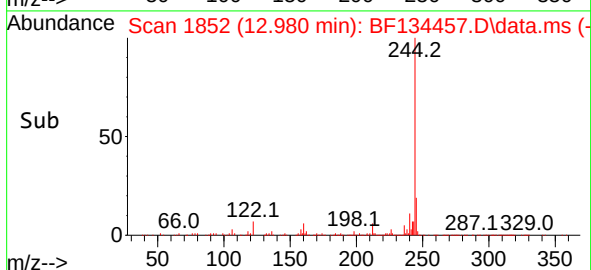
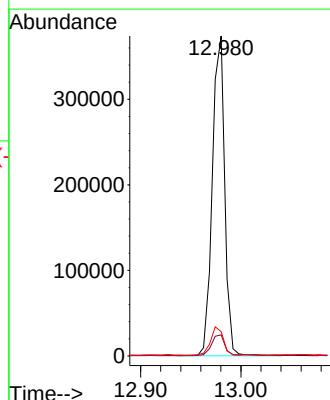
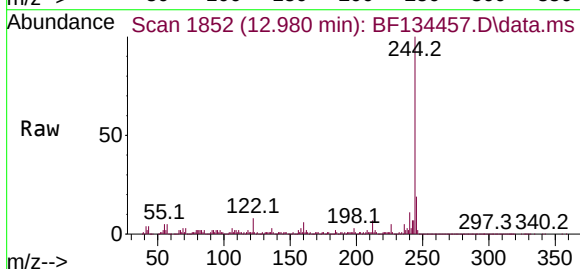
RT: 12.980 min Scan# 1852

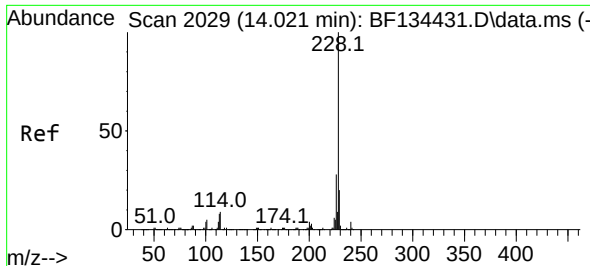
Delta R.T. 0.018 min

Lab File: BF134457.D

Acq: 25 Jul 2023 06:19

Tgt Ion:244 Resp: 321222
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 7.6 8.0 12.0





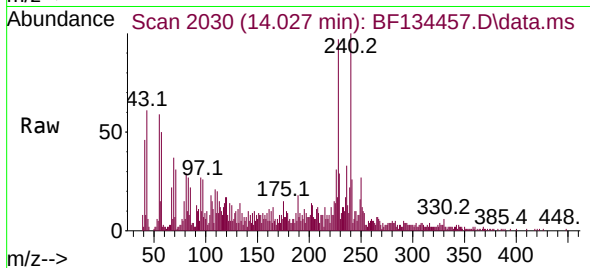
#81
Benzo(a)anthracene
Concen: 3.033 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF134457.D
Acq: 25 Jul 2023 06:19

Instrument :

BNF_F

ClientSampleId :

HR-3-071823

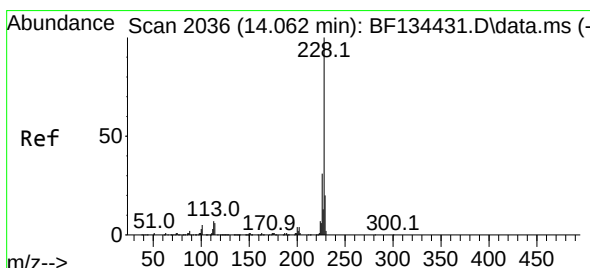
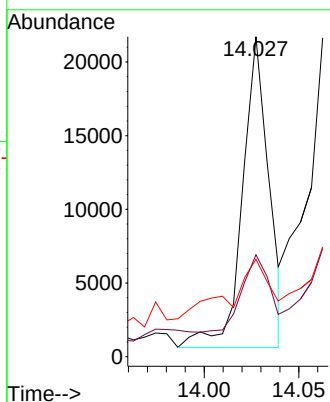
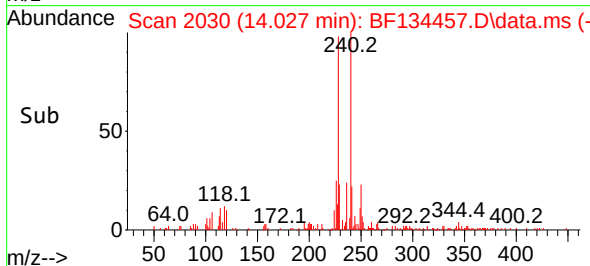


Tgt Ion:228 Resp: 2057
Ion Ratio Lower Upper
228 100
226 31.9 22.3 33.5
229 30.5 15.8 23.6

Manual Integrations

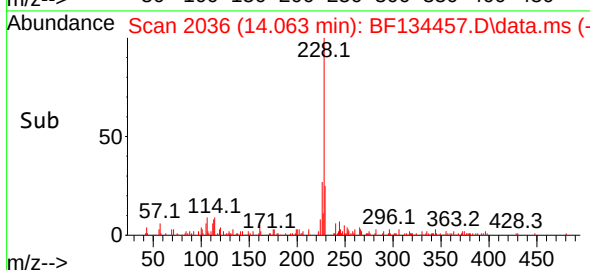
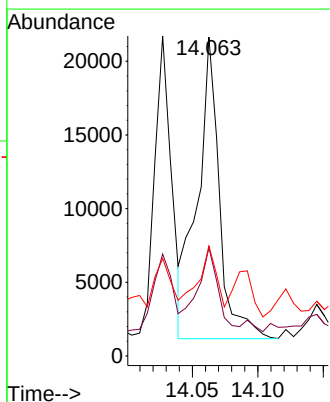
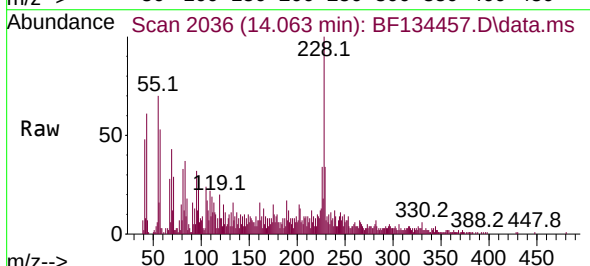
APPROVED

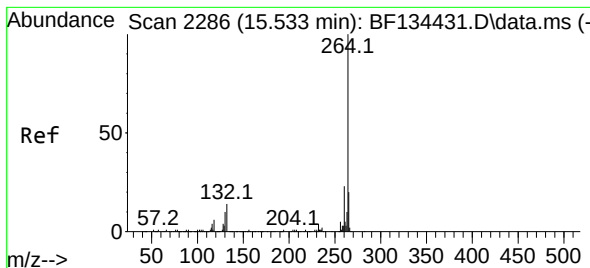
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#83
Chrysene
Concen: 3.717 ng m
RT: 14.063 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF134457.D
Acq: 25 Jul 2023 06:19

Tgt Ion:228 Resp: 24112
Ion Ratio Lower Upper
228 100
226 33.9 24.5 36.7
229 34.5 15.8 23.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF134457.D

Acq: 25 Jul 2023 06:19

Instrument :

BNF

ClientSampleId :

HR-3-071823

Tgt Ion:264 Resp: 8495

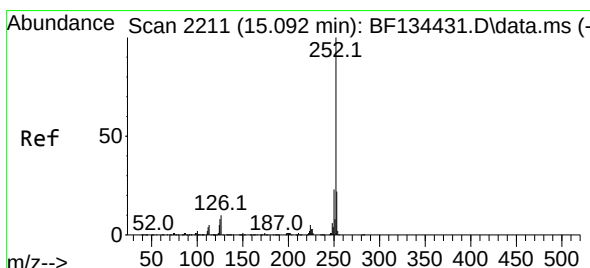
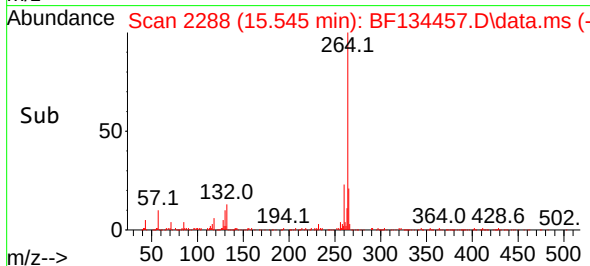
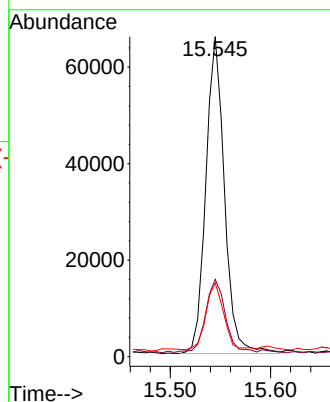
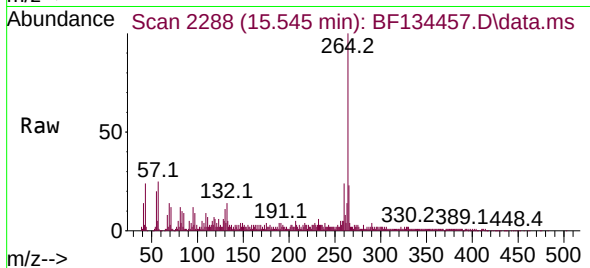
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	23.1	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#88

Benzo(b)fluoranthene

Concen: 3.407 ng m

RT: 15.098 min Scan# 2212

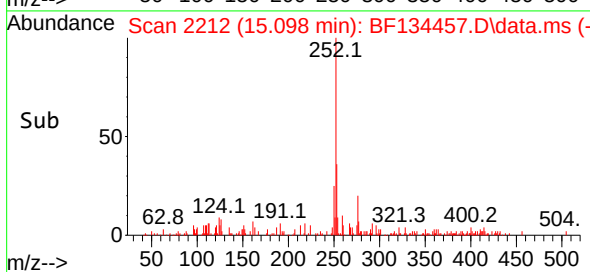
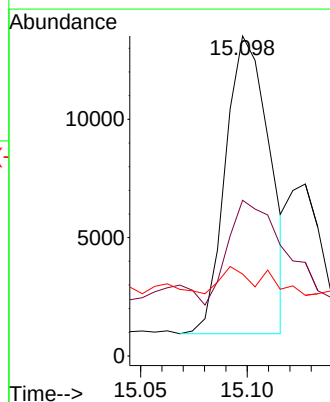
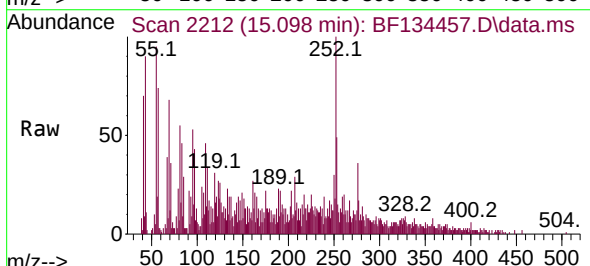
Delta R.T. 0.006 min

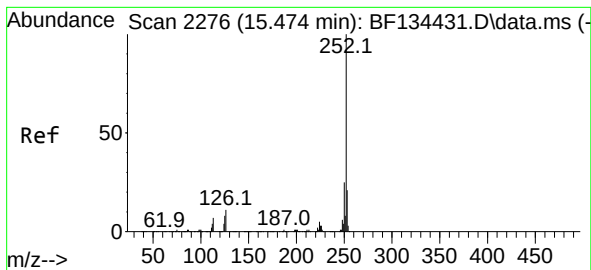
Lab File: BF134457.D

Acq: 25 Jul 2023 06:19

Tgt Ion:252 Resp: 18107

Ion	Ratio	Lower	Upper
252	100		
253	48.7	17.3	25.9#
125	25.6	6.0	9.0#





#90

Benzo(a)pyrene

Concen: 2.854 ng

RT: 15.480 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134457.D

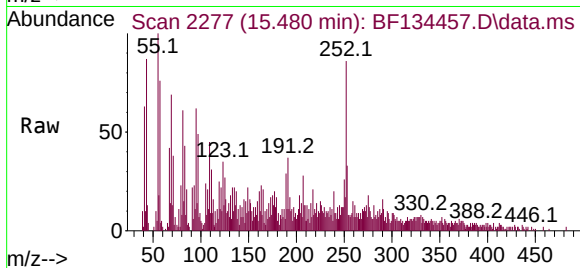
Acq: 25 Jul 2023 06:19

Instrument :

BNA_F

ClientSampleId :

HR-3-071823



Tgt Ion:	252	Resp:	14019
Ion Ratio	Lower	Upper	
252	100		
253	38.8	17.0	25.4
125	31.6	6.2	9.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023

