

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
 Data File : BF134411.D
 Acq On : 21 Jul 2023 20:43
 Operator : CG\JU
 Sample : 03659-03 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-3-071823

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 22 05:06:19 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	6.840	152	50509	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	184839	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	75900	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	131314	20.000	ng	0.00
76) Chrysene-d12	14.039	240	109823	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	81620	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	157507	52.164	ng	0.00
7) Phenol-d6	6.475	99	182334	49.102	ng	-0.01
23) Nitrobenzene-d5	7.398	82	118431	34.539	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	43766	45.990	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	187137	35.847	ng	-0.01
79) Terphenyl-d14	12.975	244	174815	25.619	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.586	163	22954	4.166	ng	# 93
71) Phenanthrene	11.392	178	13869	2.098	ng	# 91
75) Fluoranthene	12.598	202	24531	3.433	ng	98
78) Pyrene	12.833	202	31742	3.106	ng	97
88) Benzo(b)fluoranthene	15.104	252	11670m	2.432	ng	

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

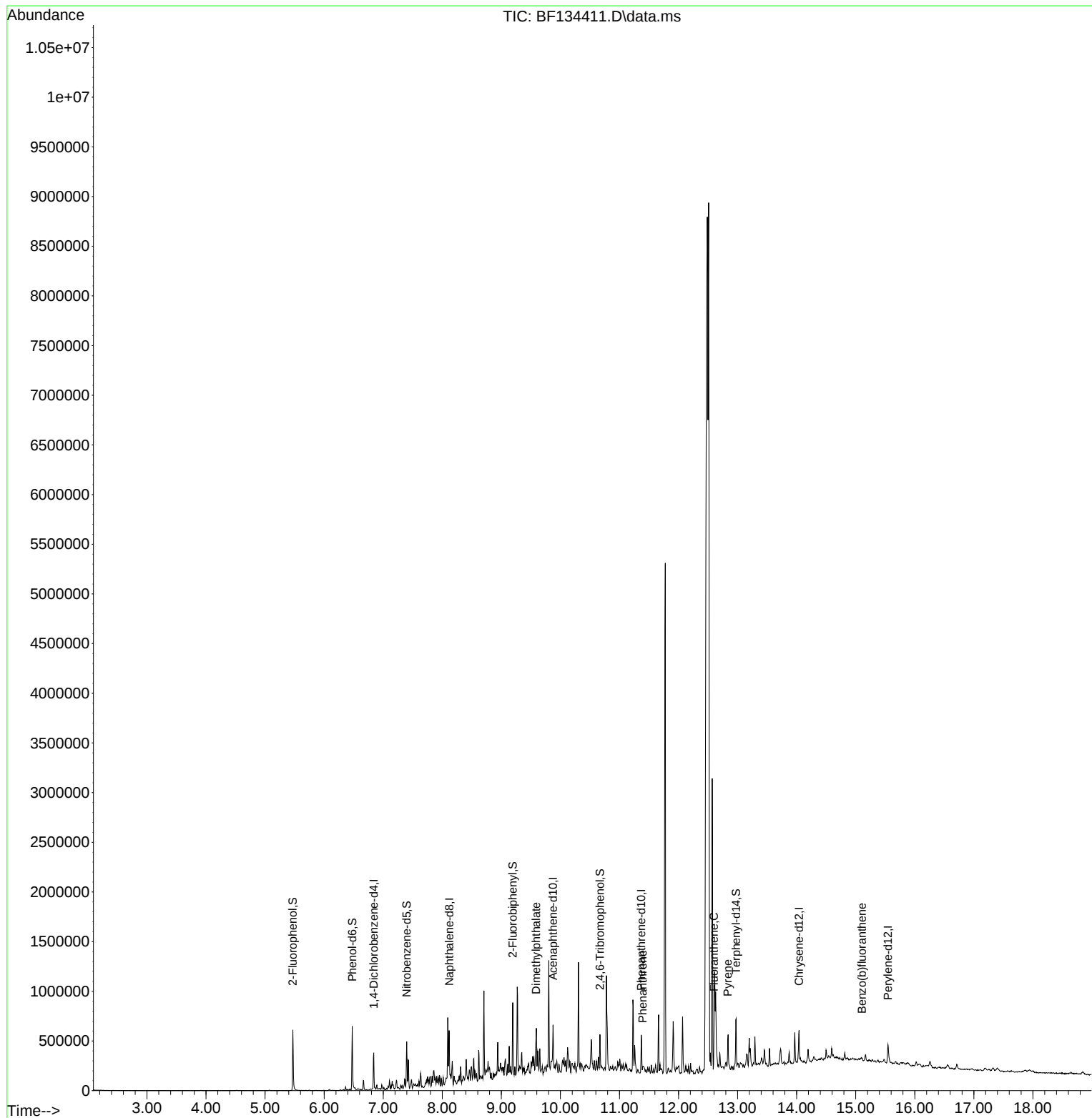
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
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QLast Update : Fri Jul 14 22:51:27 2023
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134411.D
Acq: 21 Jul 2023 20:43

Instrument :

BNA_F

ClientSampleId :

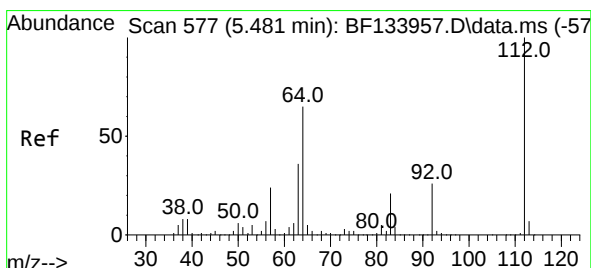
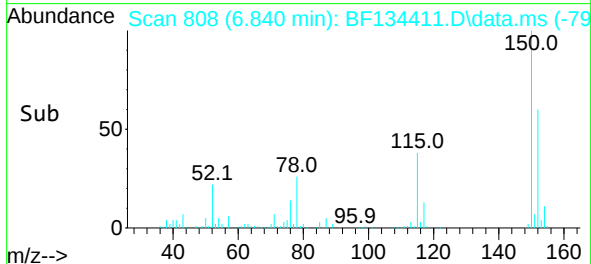
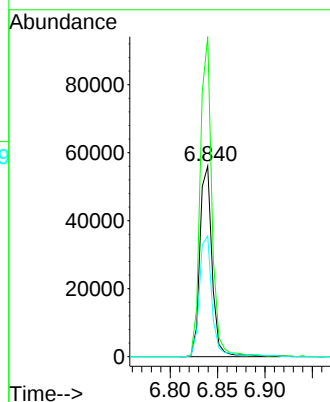
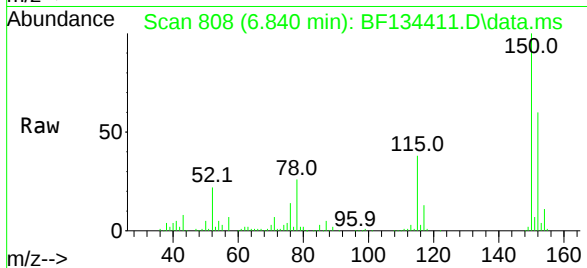
HR-3-071823

Tgt Ion:152 Resp: 50509
Ion Ratio Lower Upper
152 100
150 167.9 124.5 186.7
115 63.3 50.2 75.2

Manual Integrations

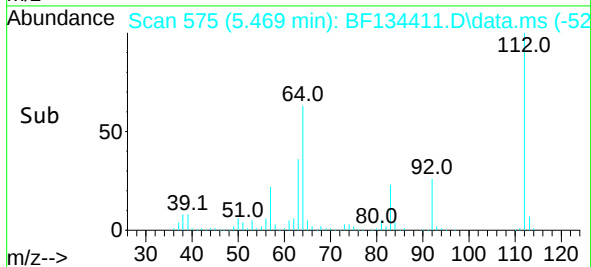
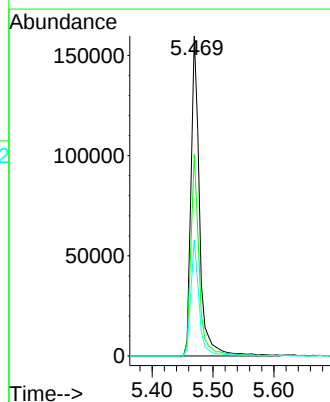
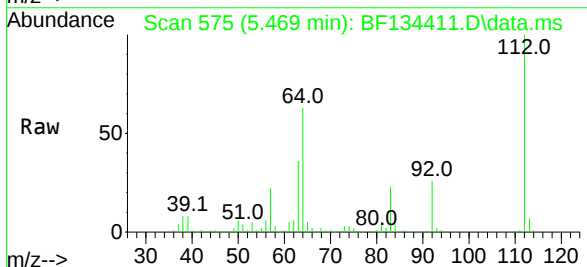
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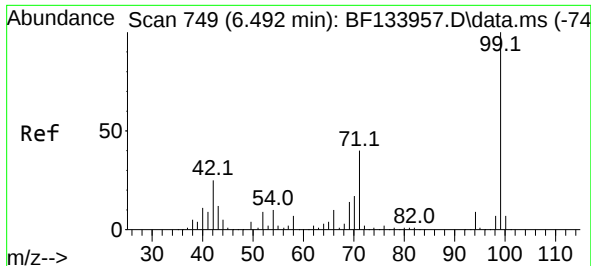
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#5
2-Fluorophenol
Concen: 52.164 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.000 min
Lab File: BF134411.D
Acq: 21 Jul 2023 20:43

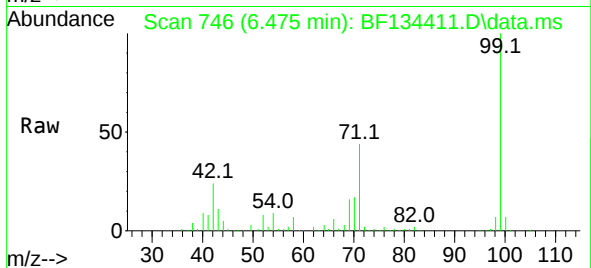
Tgt Ion:112 Resp: 157507
Ion Ratio Lower Upper
112 100
64 63.0 52.1 78.1
63 36.2 28.6 42.8





#7
Phenol-d6
Concen: 49.102 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134411.D
Acq: 21 Jul 2023 20:43

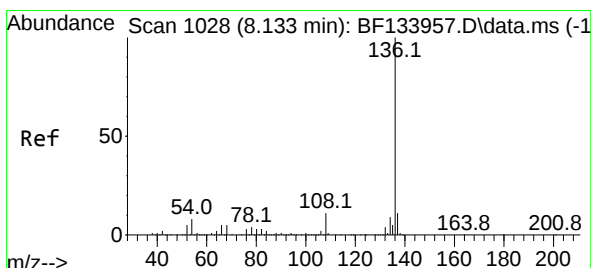
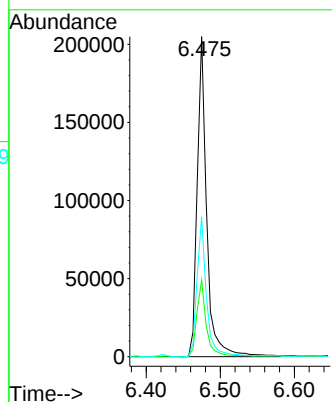
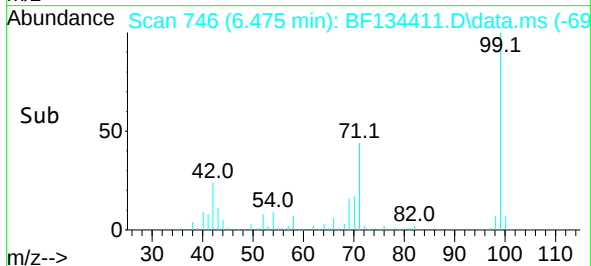
Instrument :
BNA_F
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HR-3-071823



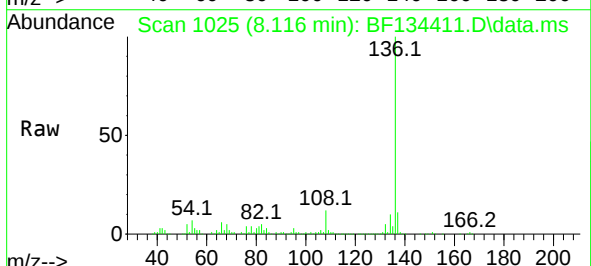
Tgt Ion: 99 Resp: 182334
Ion Ratio Lower Upper
99 100
42 24.0 19.8 29.6
71 43.6 31.9 47.9

Manual Integrations
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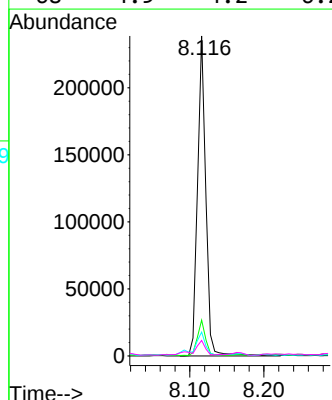
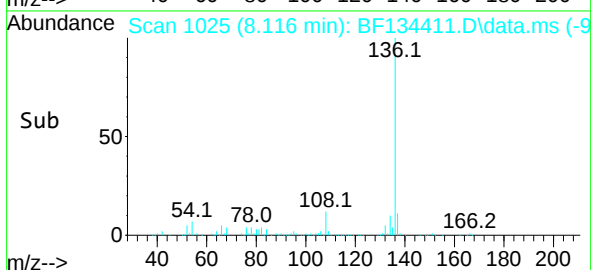
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

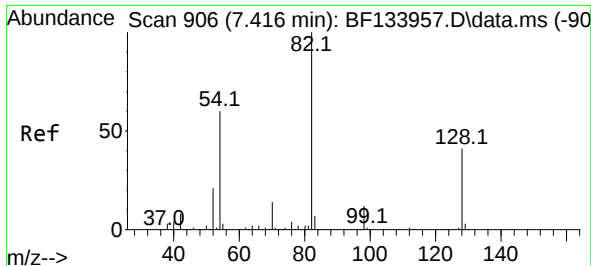


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134411.D
Acq: 21 Jul 2023 20:43



Tgt Ion:136 Resp: 184839
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 7.4 6.5 9.7
68 4.9 4.2 6.2





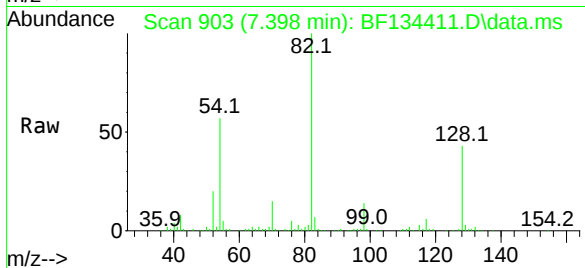
#23
Nitrobenzene-d5
Concen: 34.539 ng
RT: 7.398 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF134411.D
Acq: 21 Jul 2023 20:43

Instrument :

BNA_F

ClientSampleId :

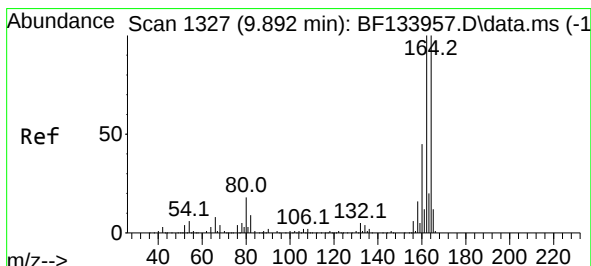
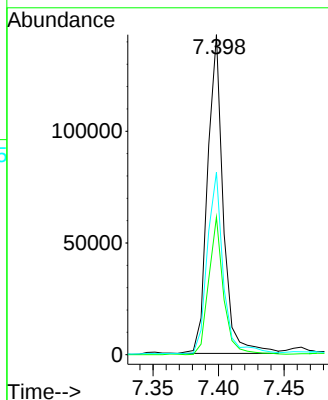
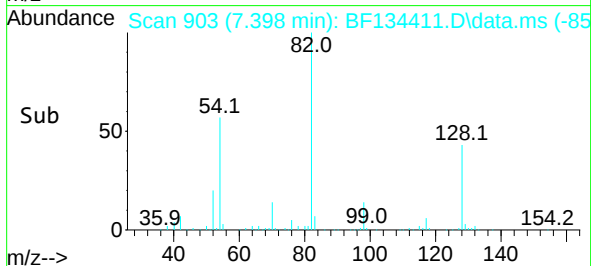
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Tgt Ion: 82 Resp: 11843
Ion Ratio Lower Upper
82 100
128 43.0 32.5 48.7
54 57.0 48.2 72.2

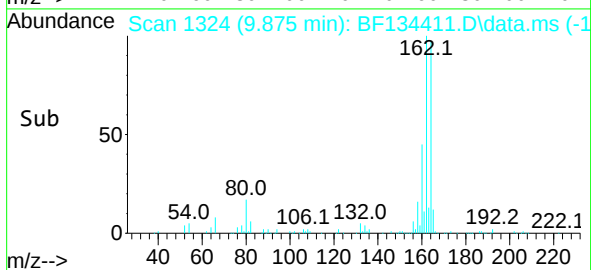
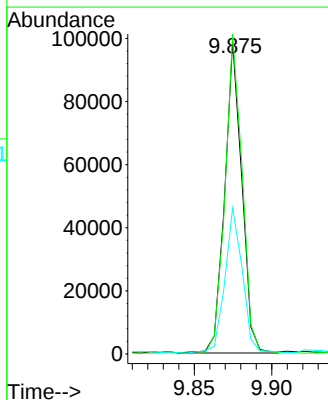
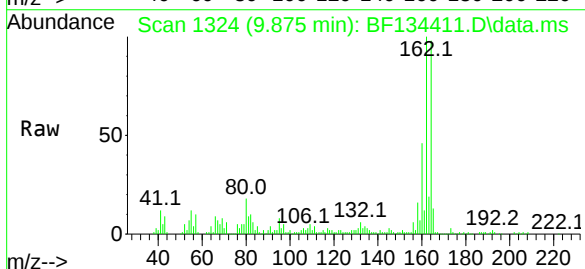
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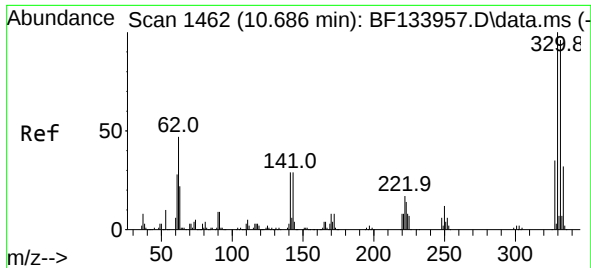
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134411.D
Acq: 21 Jul 2023 20:43

Tgt Ion:164 Resp: 75900
Ion Ratio Lower Upper
164 100
162 102.3 80.0 120.0
160 46.6 35.9 53.9





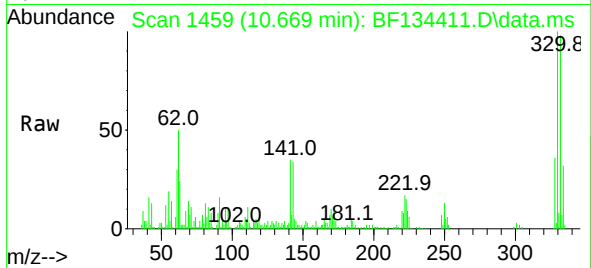
#42
2,4,6-Tribromophenol
Concen: 45.990 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF134411.D
Acq: 21 Jul 2023 20:43

Instrument :

BNA_F

ClientSampleId :

HR-3-071823



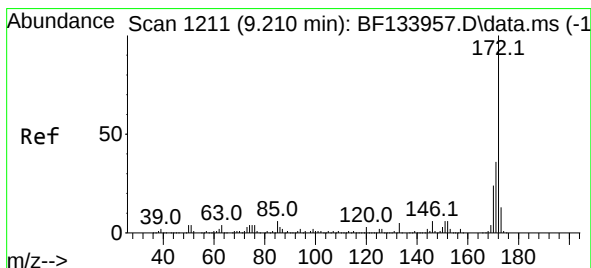
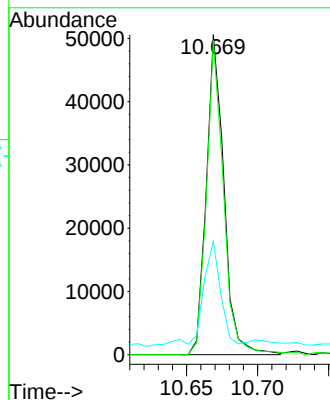
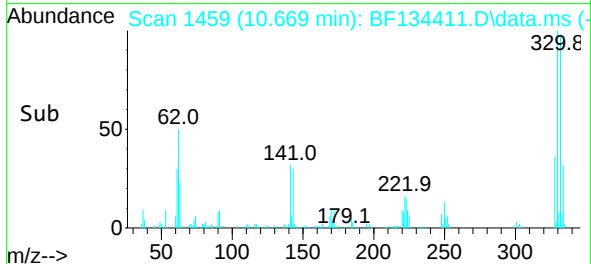
Tgt Ion:330 Resp: 43760
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.6
141 33.4 26.3 39.5

Manual Integrations

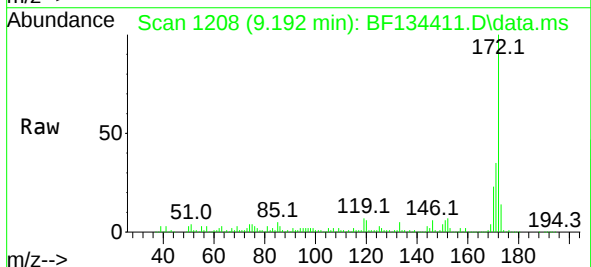
APPROVED

Reviewed By :Yogesh Patel 07/24/2023

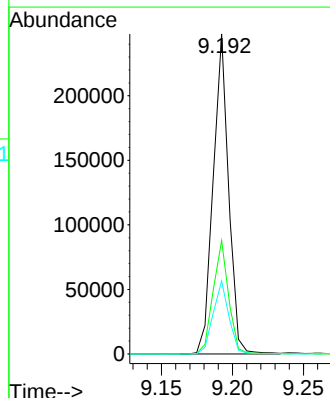
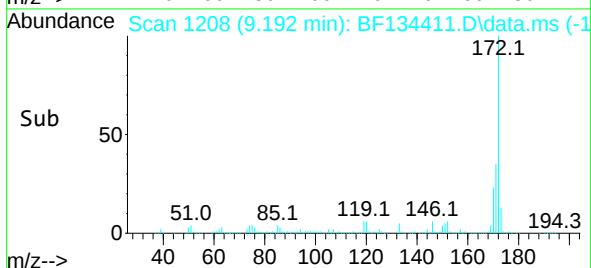
Supervised By :mohammad ahmed 07/24/2023

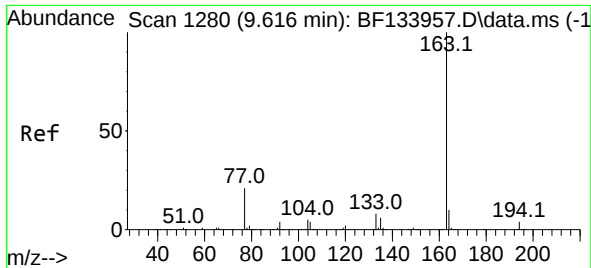


#45
2-Fluorobiphenyl
Concen: 35.847 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134411.D
Acq: 21 Jul 2023 20:43



Tgt Ion:172 Resp: 187137
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 22.8 19.4 29.0





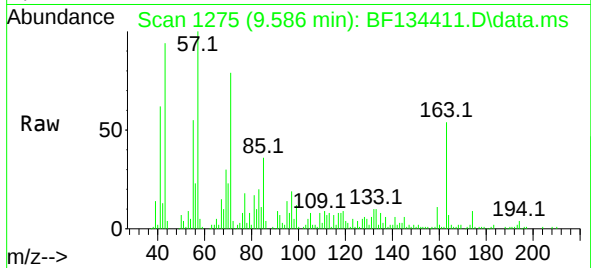
#50
Dimethylphthalate
Concen: 4.166 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF134411.D
Acq: 21 Jul 2023 20:43

Instrument :

BNA_F

ClientSampleId :

HR-3-071823



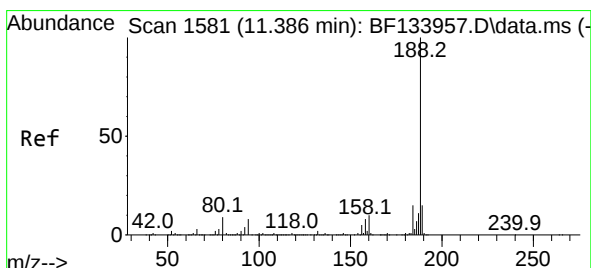
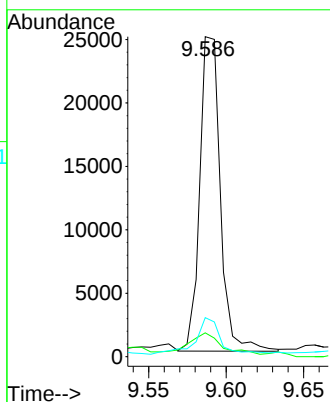
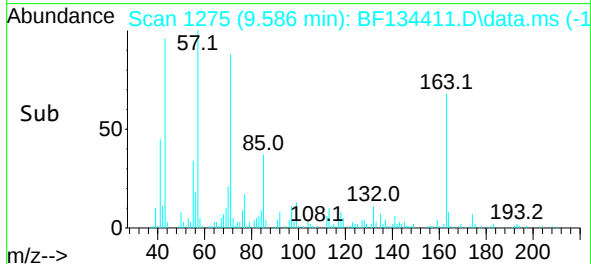
Tgt Ion:163 Resp: 22954
Ion Ratio Lower Upper
163 100
194 7.5 3.0 4.6
164 12.2 8.2 12.2

Manual Integrations

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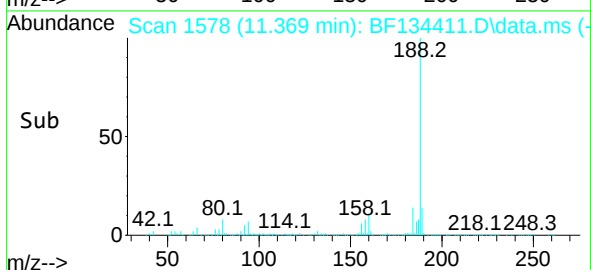
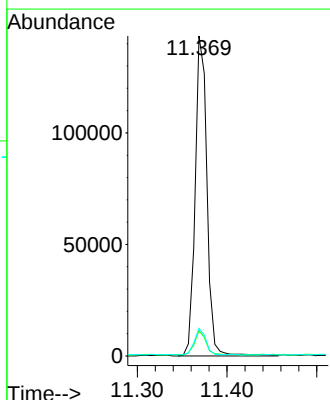
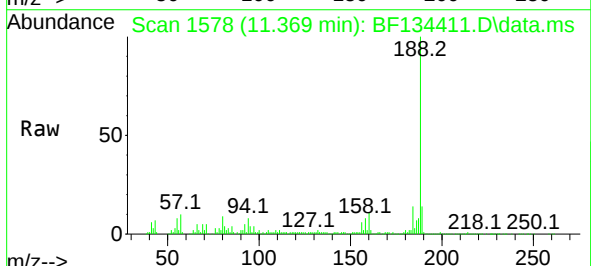
Reviewed By :Yogesh Patel 07/24/2023

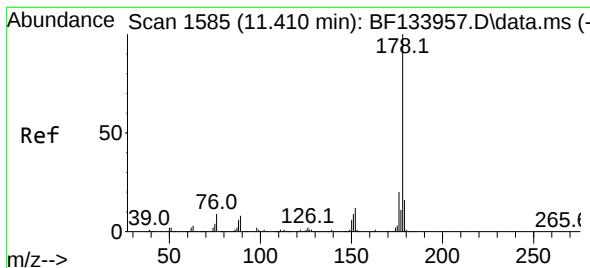
Supervised By :mohammad ahmed 07/24/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF134411.D
Acq: 21 Jul 2023 20:43

Tgt Ion:188 Resp: 131314
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.7 7.3 10.9





#71
Phenanthrene
Concen: 2.098 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF134411.D
Acq: 21 Jul 2023 20:43

Instrument :

BNA_F

ClientSampleId :

HR-3-071823

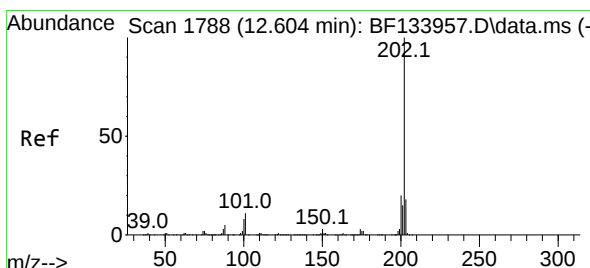
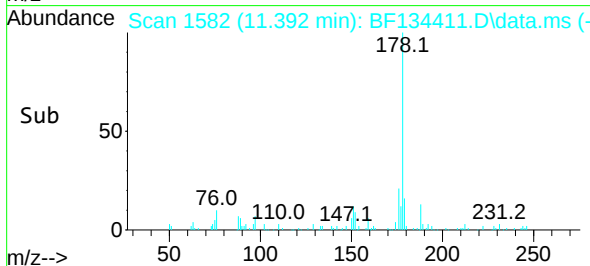
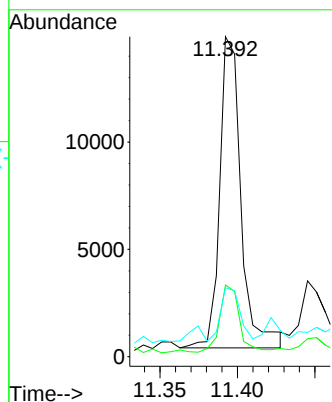
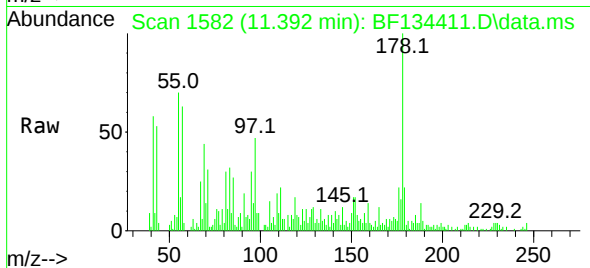
Tgt Ion:178 Resp: 13869
Ion Ratio Lower Upper
178 100
176 22.4 16.0 24.0
179 21.5 12.4 18.6

Manual Integrations

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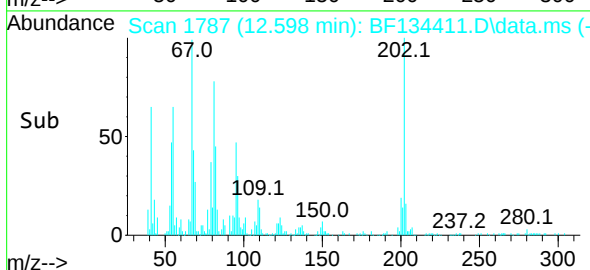
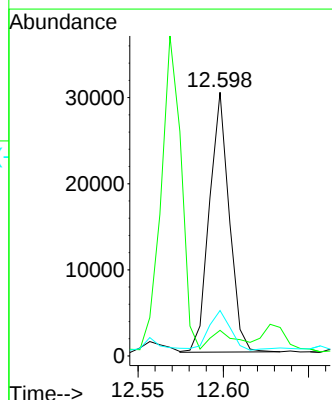
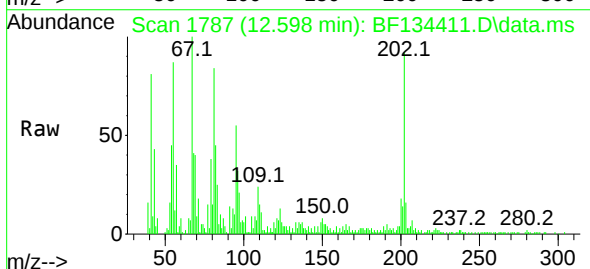
Reviewed By :Yogesh Patel 07/24/2023

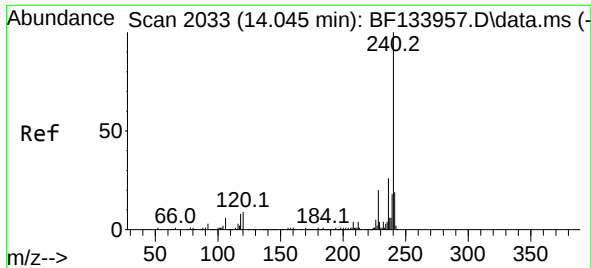
Supervised By :mohammad ahmed 07/24/2023



#75
Fluoranthene
Concen: 3.433 ng
RT: 12.598 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BF134411.D
Acq: 21 Jul 2023 20:43

Tgt Ion:202 Resp: 24531
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.0
203 17.2 0.0 37.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF134411.D
Acq: 21 Jul 2023 20:43

Instrument :

BNA_F

ClientSampleId :

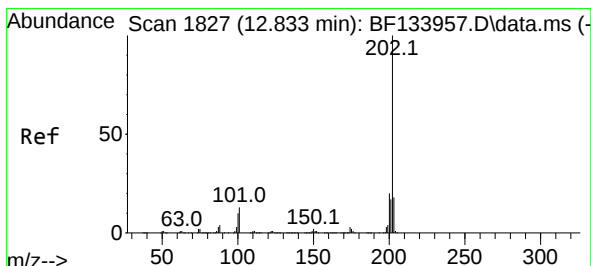
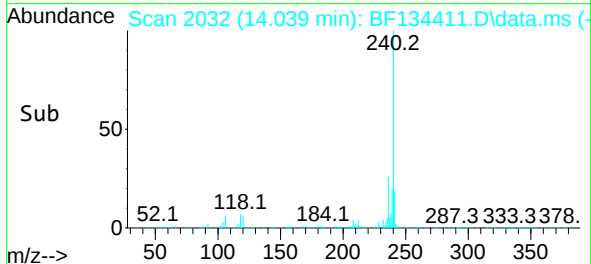
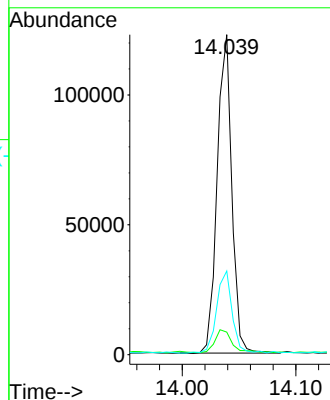
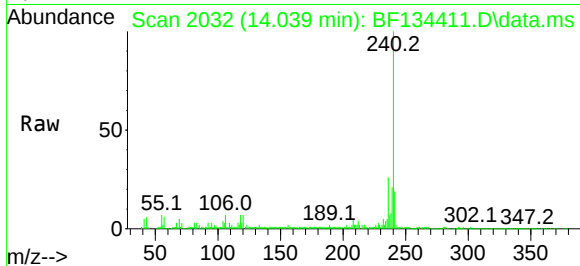
HR-3-071823

Tgt Ion:240 Resp: 109823
Ion Ratio Lower Upper
240 100
120 7.0 7.4 11.0
236 26.1 21.0 31.6

Manual Integrations

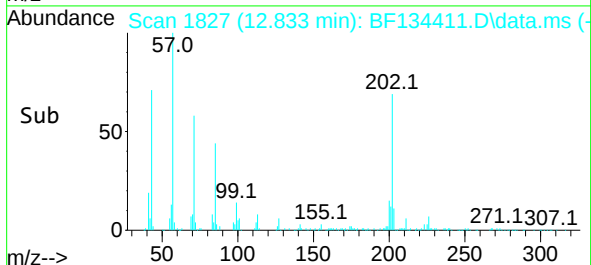
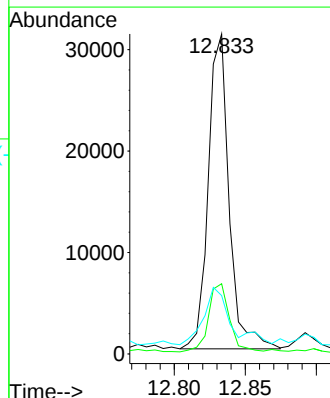
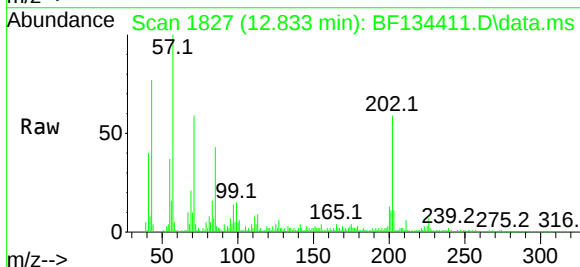
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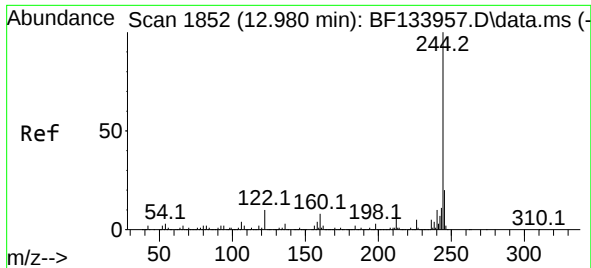
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#78
Pyrene
Concen: 3.106 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF134411.D
Acq: 21 Jul 2023 20:43

Tgt Ion:202 Resp: 31742
Ion Ratio Lower Upper
202 100
200 22.0 16.1 24.1
203 18.3 14.3 21.5





#79
 Terphenyl-d14
 Concen: 25.619 ng
 RT: 12.975 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF134411.D
 Acq: 21 Jul 2023 20:43

Instrument :

BNA_F

ClientSampleId :

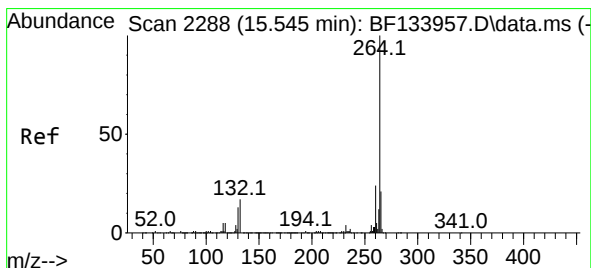
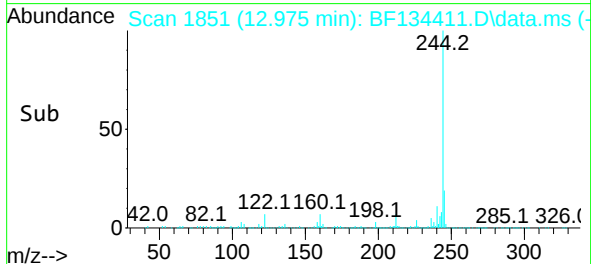
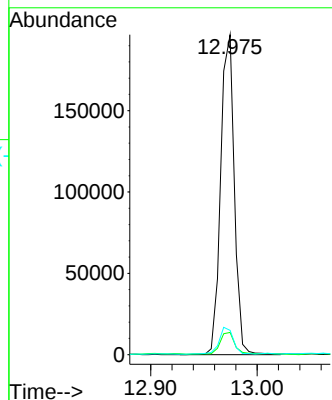
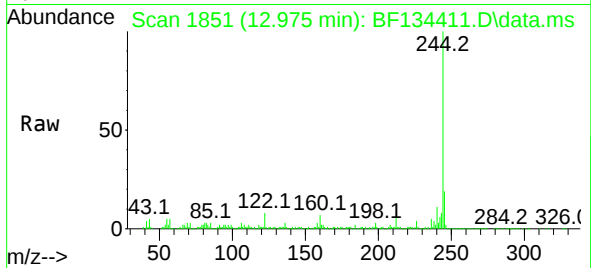
HR-3-071823

Tgt Ion:244 Resp: 174815
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 7.6 8.3 12.5

Manual Integrations

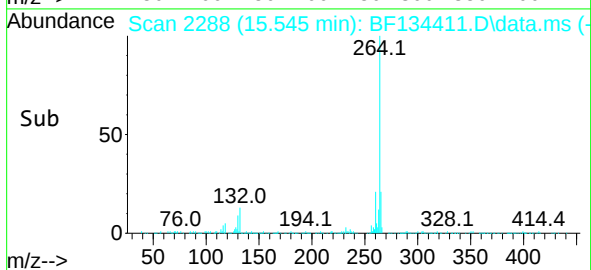
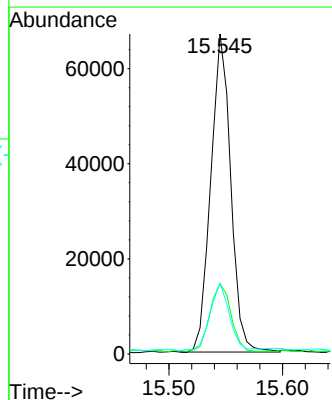
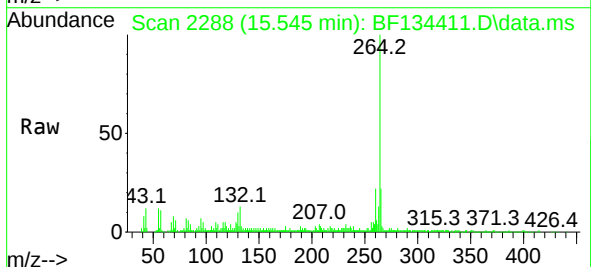
APPROVED

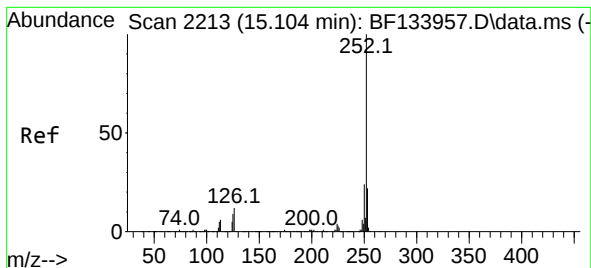
Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. 0.000 min
 Lab File: BF134411.D
 Acq: 21 Jul 2023 20:43

Tgt Ion:264 Resp: 81620
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.5 29.3
 265 22.0 16.6 25.0





#88

Benzo(b)fluoranthene

Concen: 2.432 ng m

RT: 15.104 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134411.D

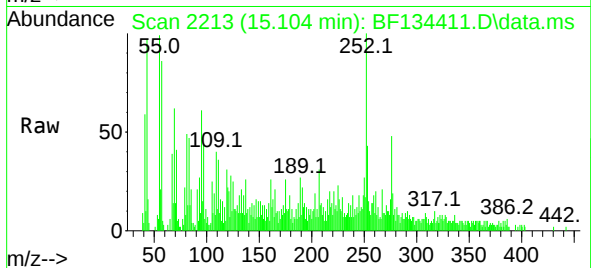
Acq: 21 Jul 2023 20:43

Instrument :

BNF

ClientSampleId :

HR-3-071823



Tgt Ion:252 Resp: 11670

Ion Ratio Lower Upper

252 100

253 43.0 17.4 26.0

125 24.8 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/24/2023

Supervised By :mohammad ahmed 07/24/2023

