

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072023\
 Data File : BF134386.D
 Acq On : 20 Jul 2023 17:39
 Operator : CG\JU
 Sample : 03646-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GATE-1

Quant Time: Jul 20 18:10:34 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	64114	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	256179	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	132647	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	268937	20.000	ng	0.00
76) Chrysene-d12	14.027	240	152926	20.000	ng	-0.01
86) Perylene-d12	15.533	264	156150	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	358114	93.434	ng	0.01
7) Phenol-d6	6.481	99	397201	84.267	ng	0.00
23) Nitrobenzene-d5	7.398	82	317014	66.706	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	178415	107.277	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	651940	71.457	ng	-0.01
79) Terphenyl-d14	12.968	244	821196	86.424	ng	0.00
Target Compounds						
32) Benzoic acid	7.863	122	10797m	3.951	ng	Qvalue

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

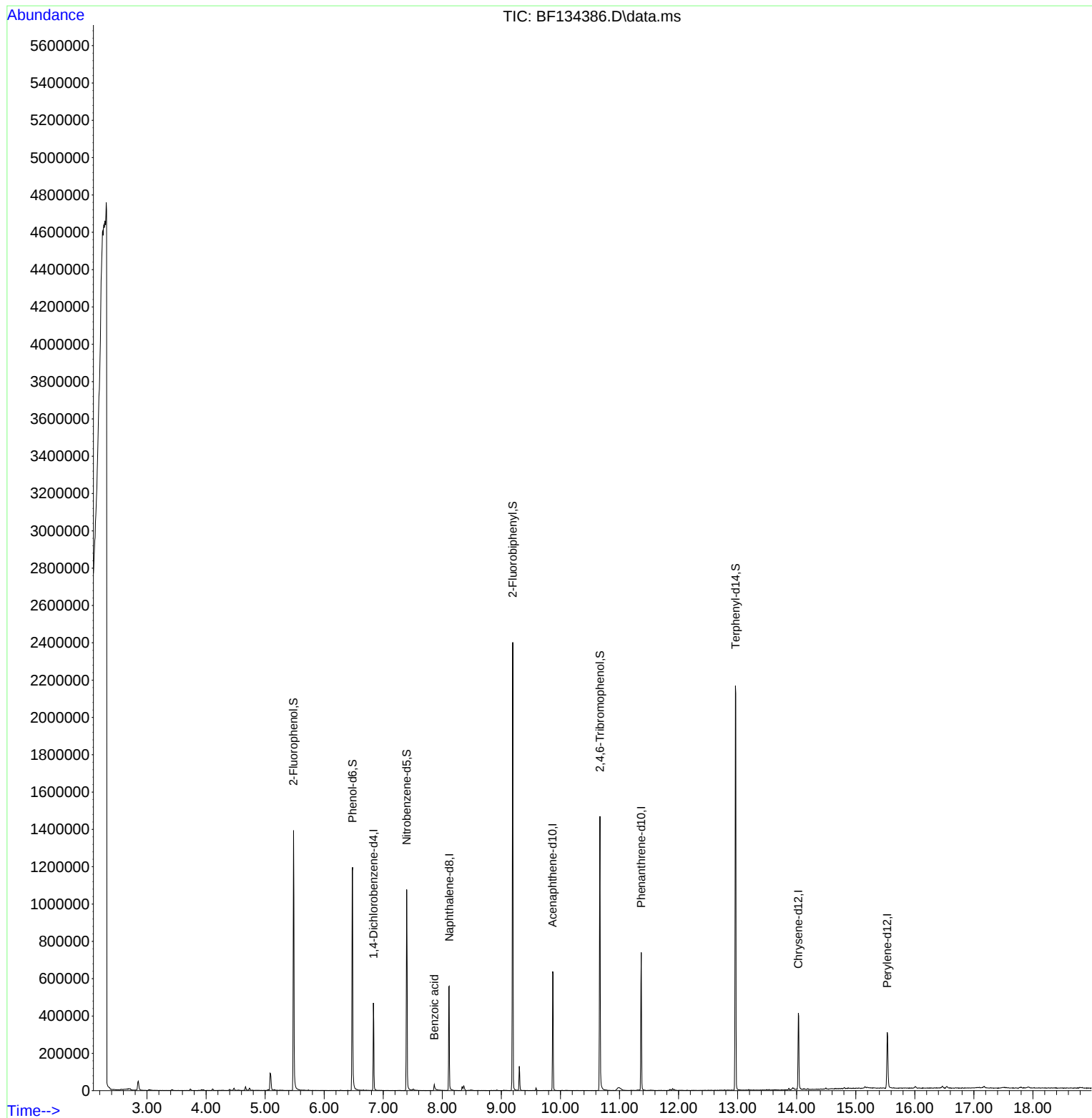
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072023\
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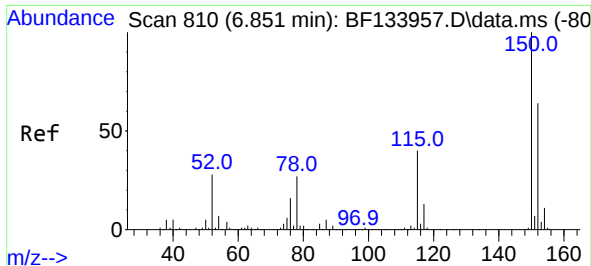
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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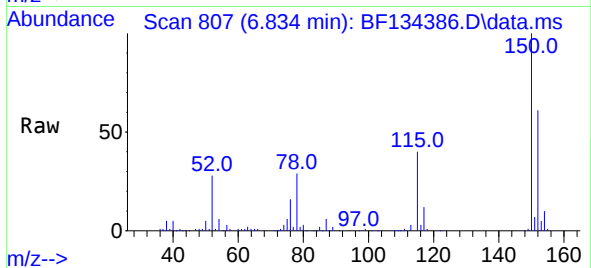
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.011 min
Lab File: BF134386.D
Acq: 20 Jul 2023 17:39

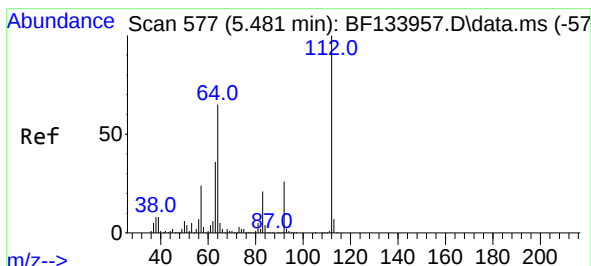
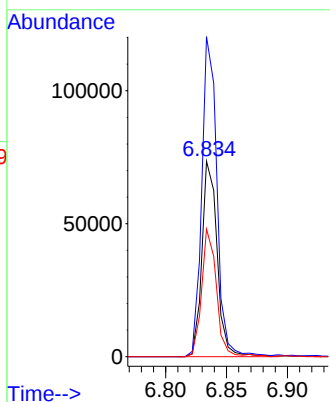
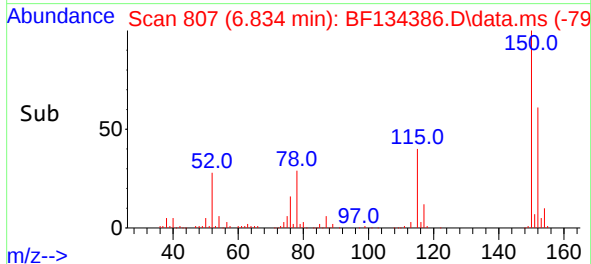
Instrument :
BNA_F
ClientSampleId :
GATE-1



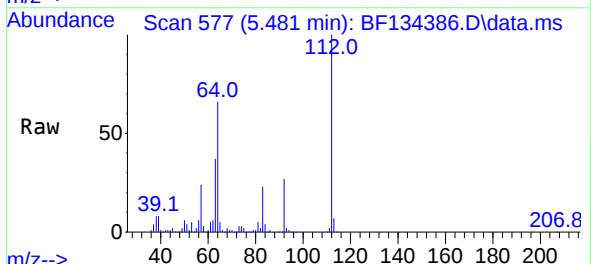
Tgt Ion:152 Resp: 64114
Ion Ratio Lower Upper
152 100
150 163.7 124.5 186.7
115 65.3 50.2 75.2

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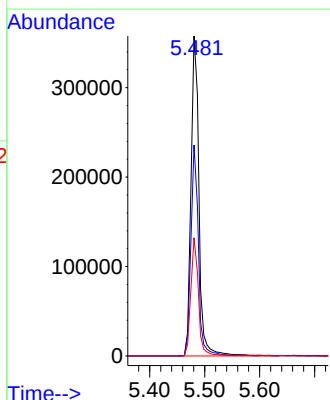
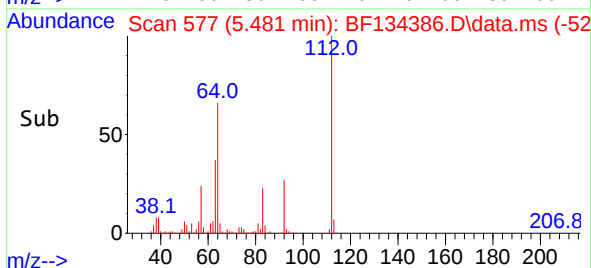
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

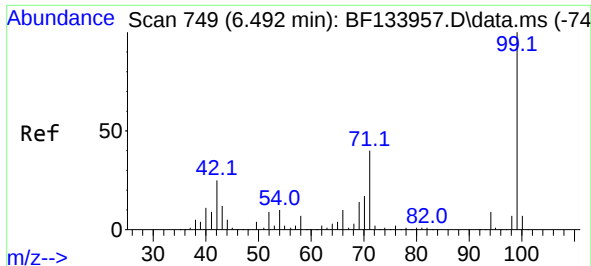


#5
2-Fluorophenol
Concen: 93.434 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.012 min
Lab File: BF134386.D
Acq: 20 Jul 2023 17:39



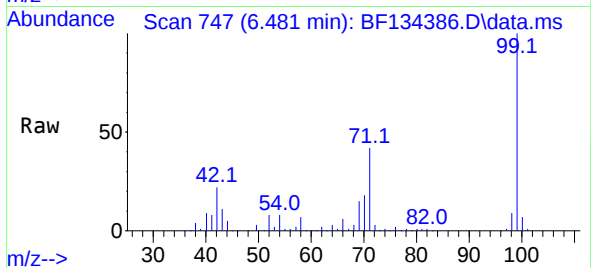
Tgt Ion:112 Resp: 358114
Ion Ratio Lower Upper
112 100
64 65.9 52.1 78.1
63 36.9 28.6 42.8





#7
Phenol-d6
Concen: 84.267 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134386.D
Acq: 20 Jul 2023 17:39

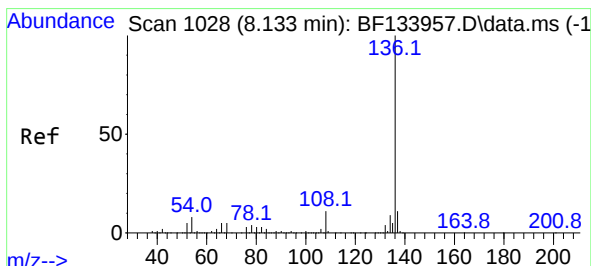
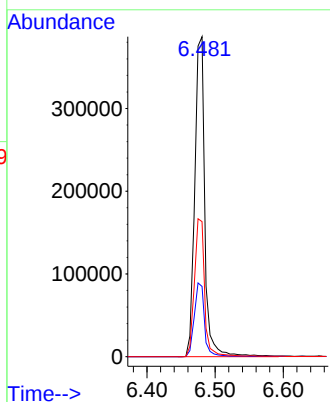
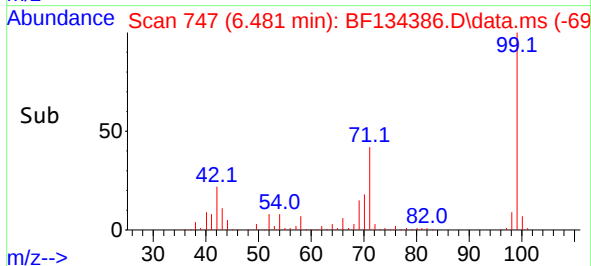
Instrument :
BNA_F
ClientSampleId :
GATE-1



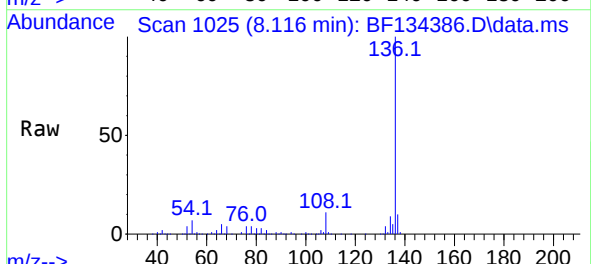
Tgt Ion: 99 Resp: 39720
Ion Ratio Lower Upper
99 100
42 22.0 19.8 29.6
71 42.2 31.9 47.9

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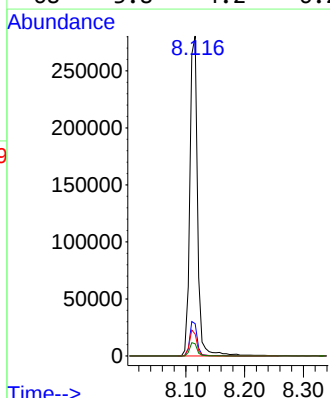
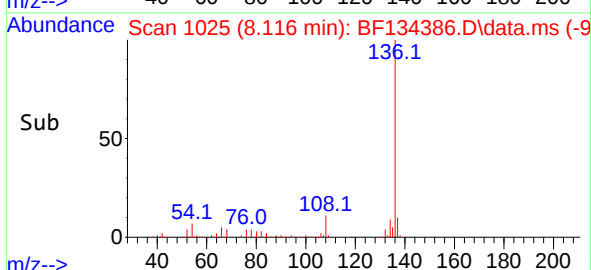
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

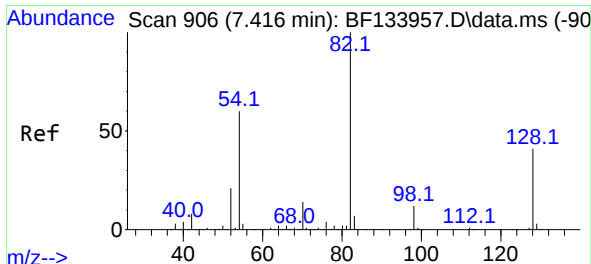


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134386.D
Acq: 20 Jul 2023 17:39



Tgt Ion:136 Resp: 256179
Ion Ratio Lower Upper
136 100
137 10.1 8.6 12.8
54 6.8 6.5 9.7
68 3.8 4.2 6.2#





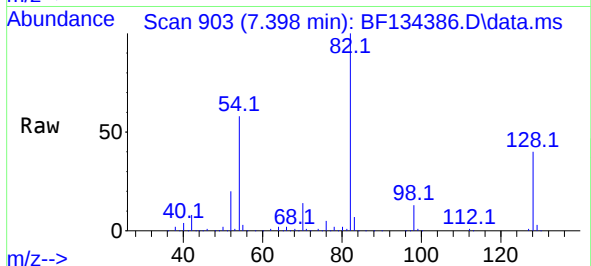
#23
Nitrobenzene-d5
Concen: 66.706 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF134386.D
Acq: 20 Jul 2023 17:39

Instrument :

BNA_F

ClientSampleId :

GATE-1

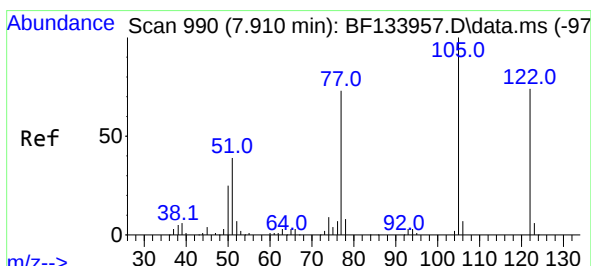
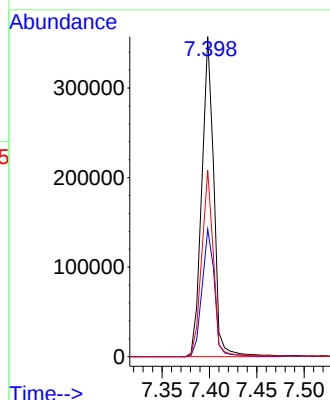
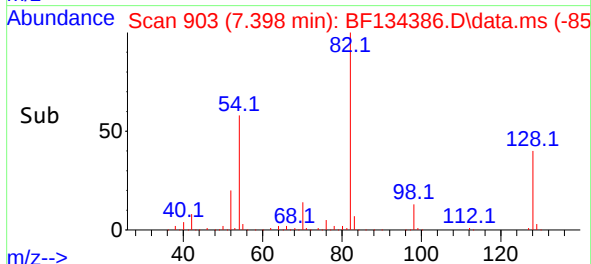


Tgt Ion: 82 Resp: 317014
Ion Ratio Lower Upper
82 100
128 39.8 32.5 48.7
54 58.3 48.2 72.2

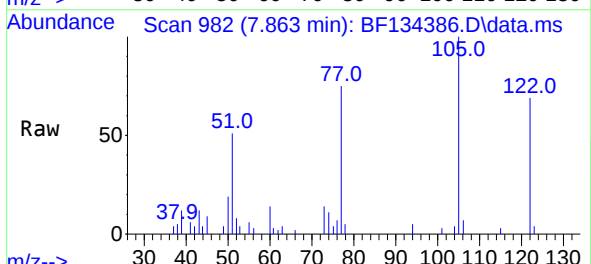
Manual Integrations

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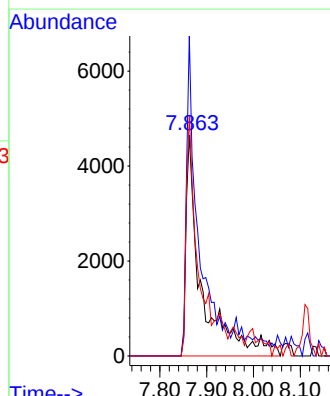
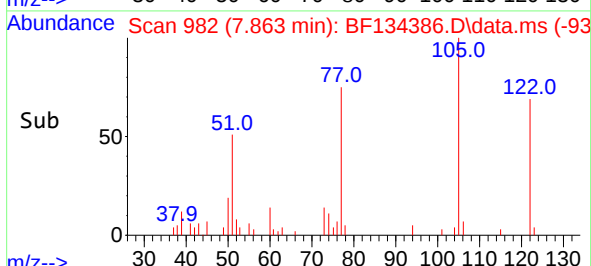
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

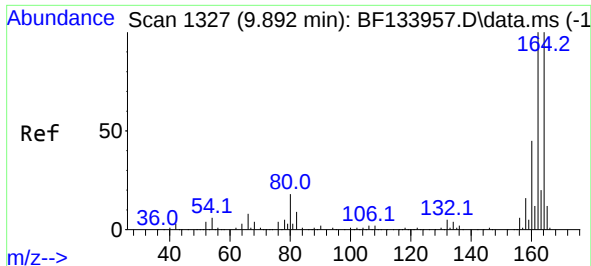


#32
Benzoic acid
Concen: 3.951 ng m
RT: 7.863 min Scan# 982
Delta R.T. -0.041 min
Lab File: BF134386.D
Acq: 20 Jul 2023 17:39



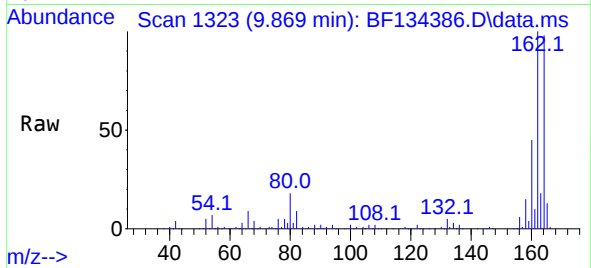
Tgt Ion:122 Resp: 10797
Ion Ratio Lower Upper
122 100
105 144.9 109.7 149.7
77 108.6 76.0 116.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134386.D
Acq: 20 Jul 2023 17:39

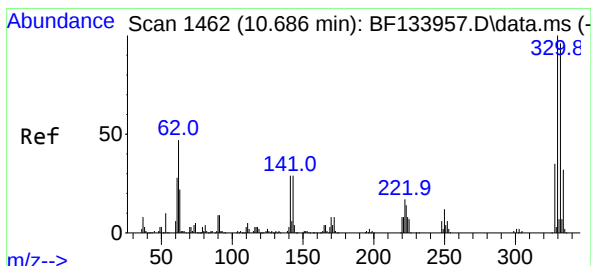
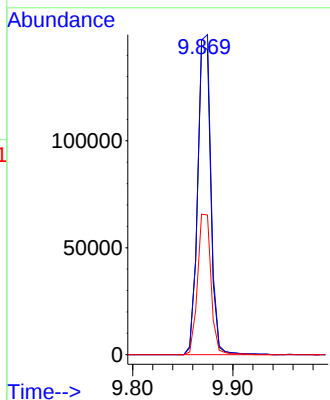
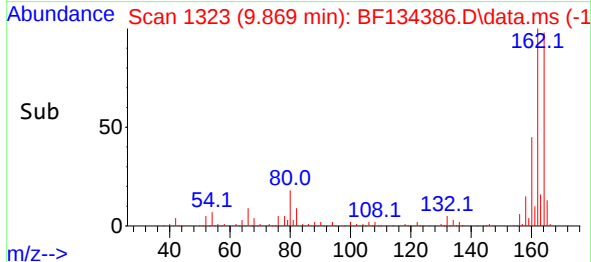
Instrument :
BNA_F
ClientSampleId :
GATE-1



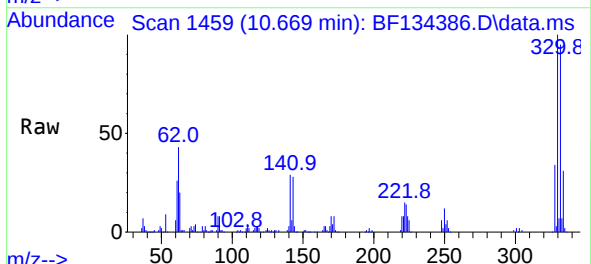
Tgt Ion:164 Resp: 13264
Ion Ratio Lower Upper
164 100
162 101.9 80.0 120.0
160 45.5 35.9 53.9

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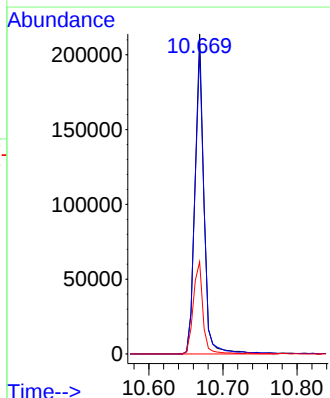
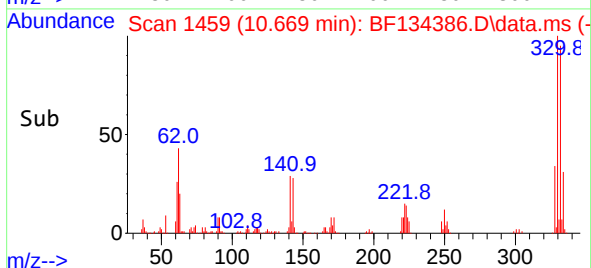
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

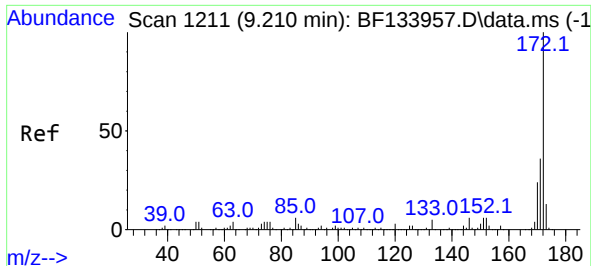


#42
2,4,6-Tribromophenol
Concen: 107.277 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.012 min
Lab File: BF134386.D
Acq: 20 Jul 2023 17:39



Tgt Ion:330 Resp: 178415
Ion Ratio Lower Upper
330 100
332 97.8 77.0 115.6
141 31.1 26.3 39.5





#45

2-Fluorobiphenyl

Concen: 71.457 ng

RT: 9.192 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134386.D

Acq: 20 Jul 2023 17:39

Instrument :

BNA_F

ClientSampleId :

GATE-1

Tgt Ion:172 Resp: 651940

Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

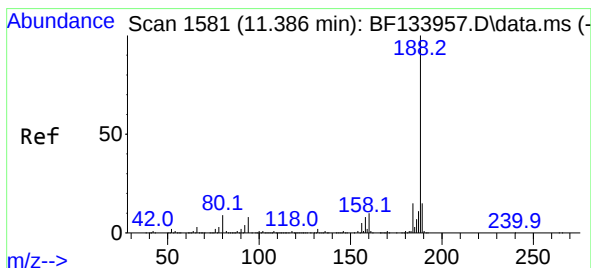
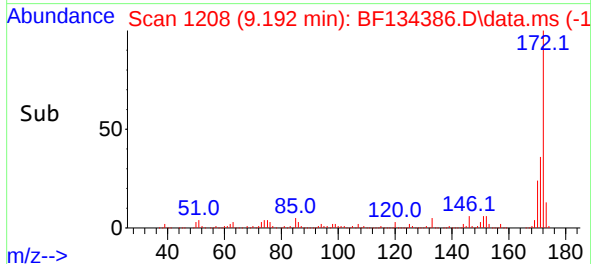
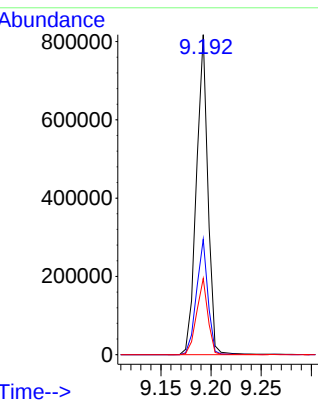
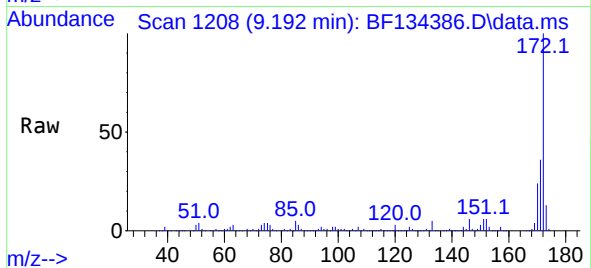
170 23.8 19.4 29.0

Manual Integrations

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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1578

Delta R.T. -0.006 min

Lab File: BF134386.D

Acq: 20 Jul 2023 17:39

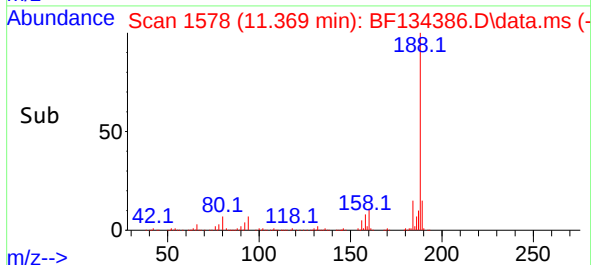
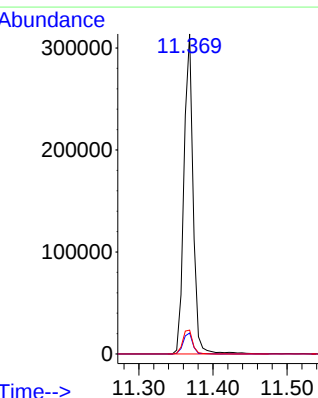
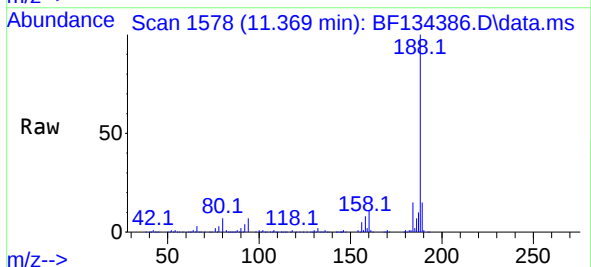
Tgt Ion:188 Resp: 268937

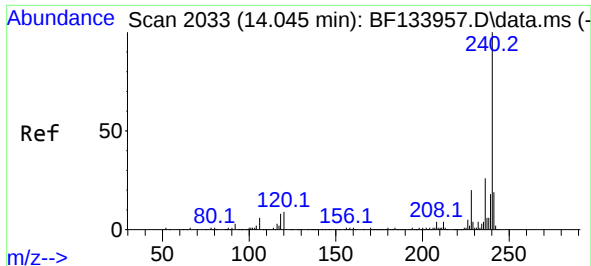
Ion Ratio Lower Upper

188 100

94 6.6 6.4 9.6

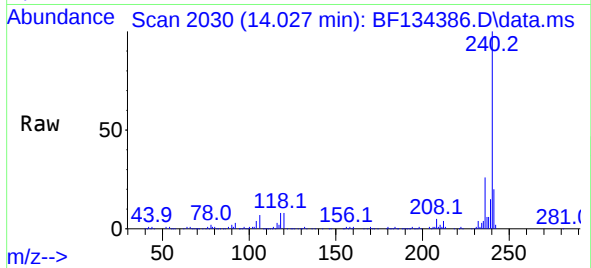
80 7.5 7.3 10.9





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF134386.D
Acq: 20 Jul 2023 17:39

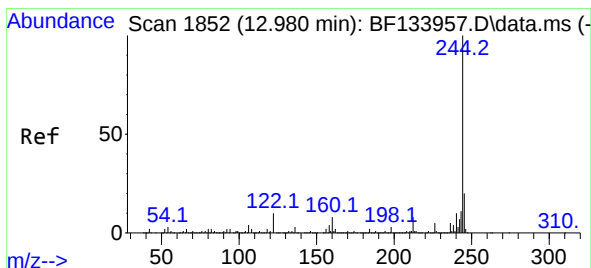
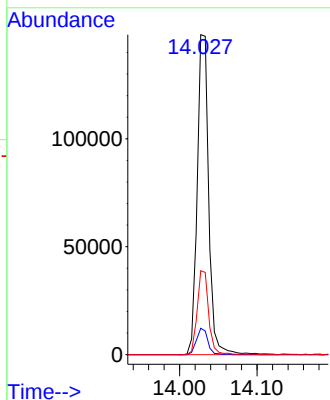
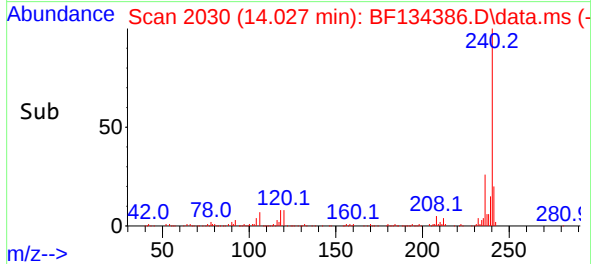
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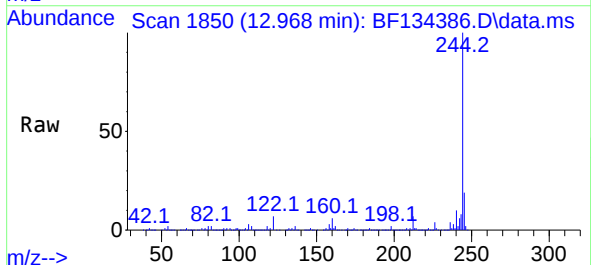
Tgt Ion:240 Resp: 152920
Ion Ratio Lower Upper
240 100
120 8.3 7.4 11.0
236 26.2 21.0 31.6

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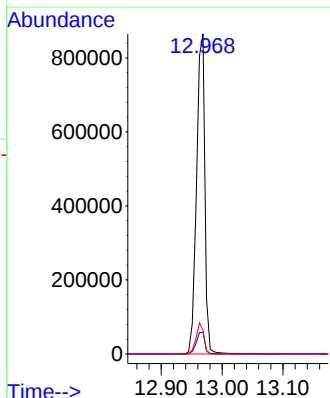
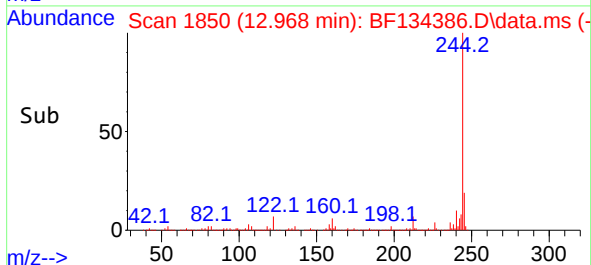
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

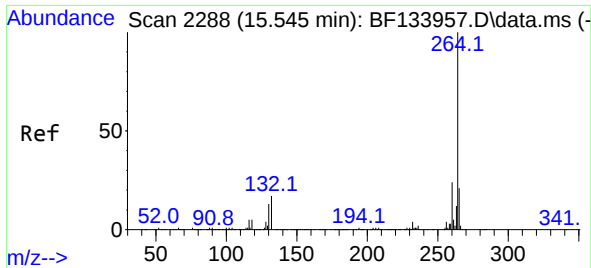


#79
Terphenyl-d14
Concen: 86.424 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF134386.D
Acq: 20 Jul 2023 17:39



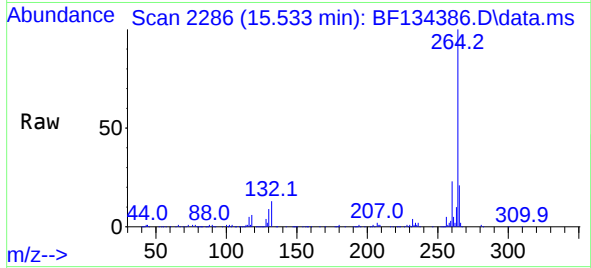
Tgt Ion:244 Resp: 821196
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 7.4 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF134386.D
Acq: 20 Jul 2023 17:39

Instrument :
BNA_F
ClientSampleId :
GATE-1



Tgt Ion:264 Resp: 156150
Ion Ratio Lower Upper
264 100
260 23.0 19.5 29.3
265 21.1 16.6 25.0

Manual Integrations
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Supervised By :mohammad ahmed 07/21/2023

