

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134107.D
 Acq On : 06 Jul 2023 20:41
 Operator : CG\JU
 Sample : 03476-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DOREMUS-COMP-1

Quant Time: Jul 07 01:32:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	93015	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	356393	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	178791	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	348833	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	231511	20.000	ng	-0.02
86) Perylene-d12	15.539	264	189717	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	561577	100.993	ng	0.00
7) Phenol-d6	6.481	99	677710	99.104	ng	-0.01
23) Nitrobenzene-d5	7.410	82	446390	67.518	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	214668	95.762	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	736568	59.896	ng	0.00
79) Terphenyl-d14	12.974	244	804945	55.958	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	12.598	202	60982	3.212	ng	97
78) Pyrene	12.827	202	52710	2.446	ng	99
88) Benzo(b)fluoranthene	15.098	252	23384m	2.096	ng	

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

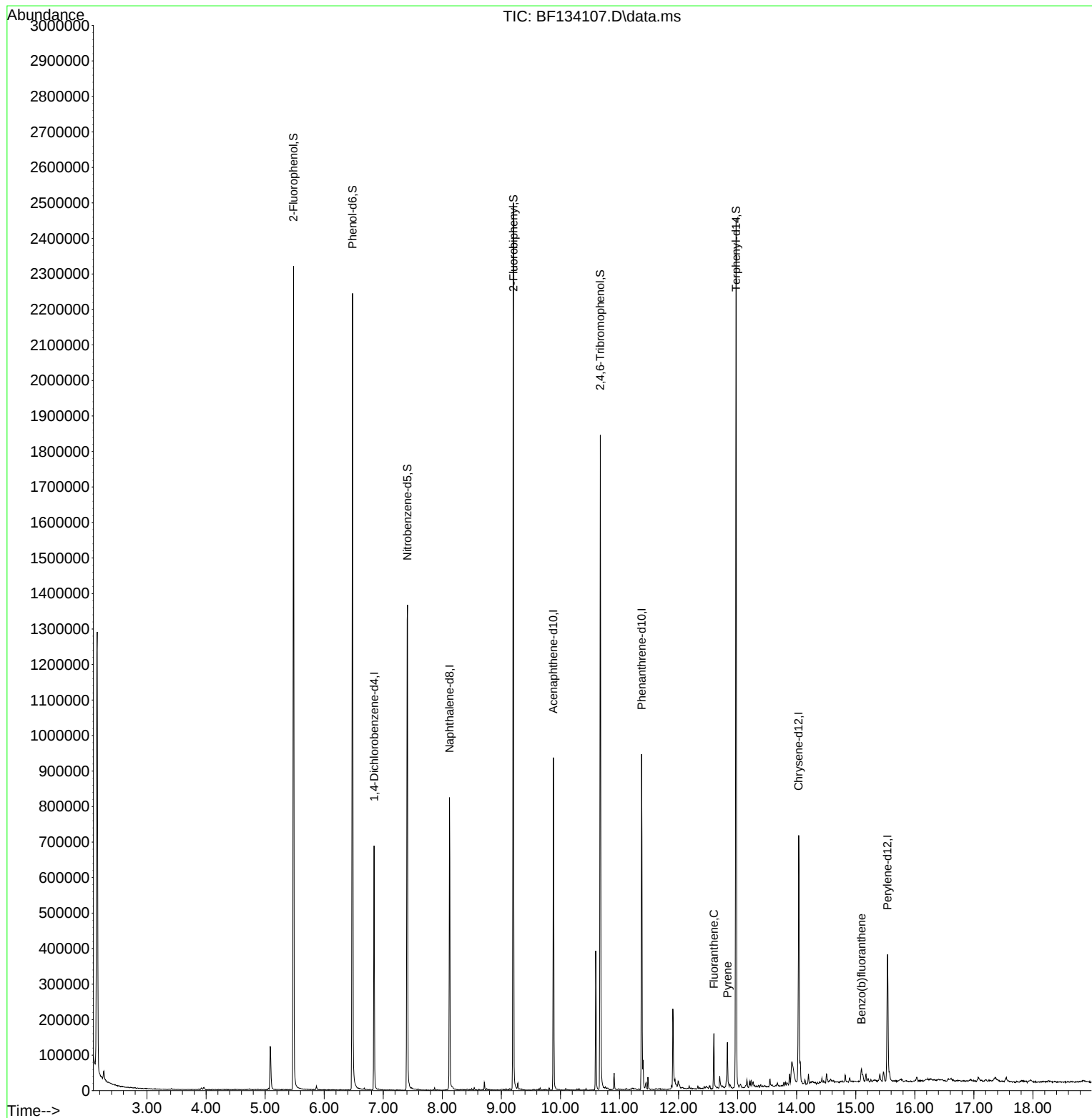
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134107.D
Acq On : 06 Jul 2023 20:41
Operator : CG\JU
Sample : 03476-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

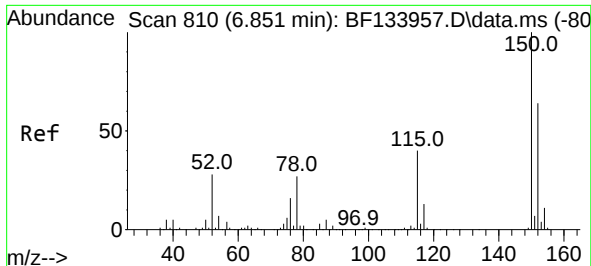
Instrument :
BNA_F
ClientSampleId :
DOREMUS-COMP-1

Quant Time: Jul 07 01:32:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

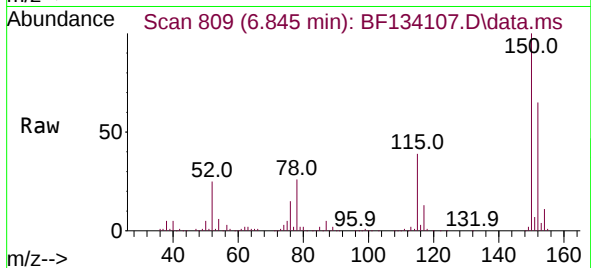
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF134107.D
Acq: 06 Jul 2023 20:41

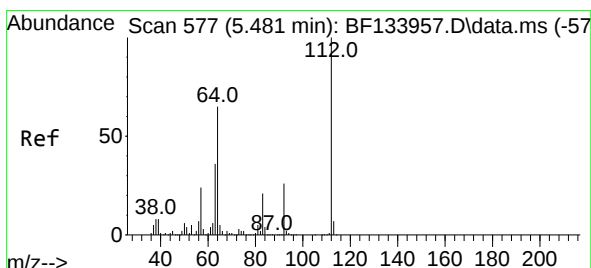
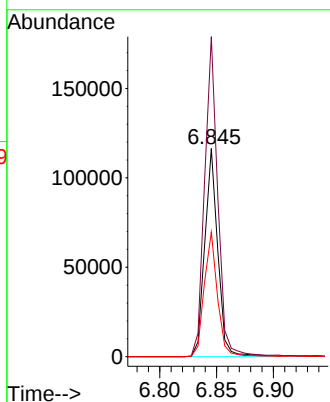
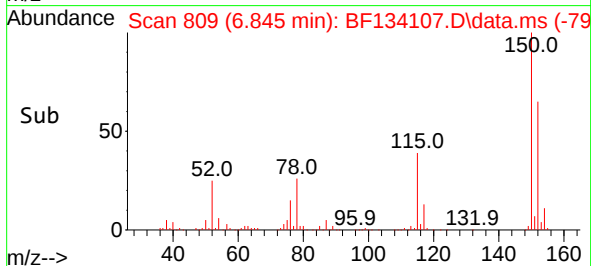
Instrument :
BNA_F
ClientSampleId :
DOREMUS-COMP-1



Tgt Ion:152 Resp: 93015
Ion Ratio Lower Upper
152 100
150 153.8 124.5 186.7
115 59.9 50.2 75.2

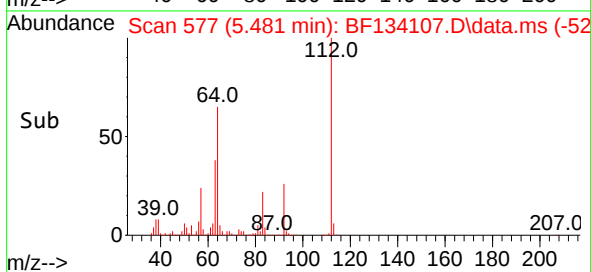
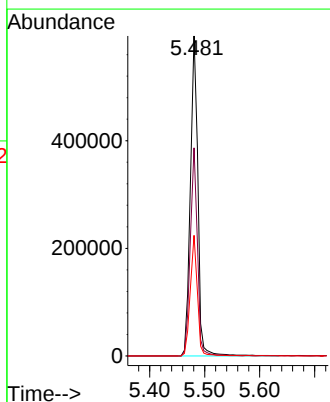
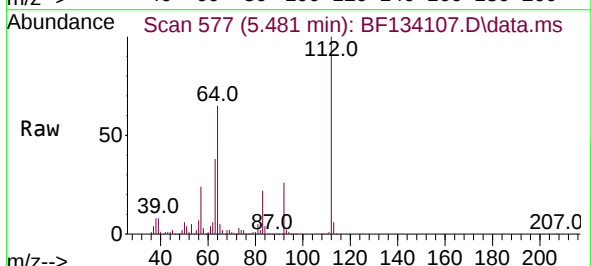
Manual Integrations
APPROVED

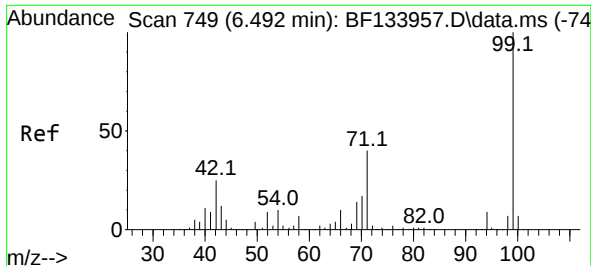
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#5
2-Fluorophenol
Concen: 100.993 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134107.D
Acq: 06 Jul 2023 20:41

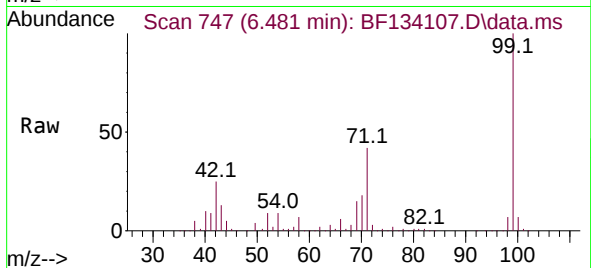
Tgt Ion:112 Resp: 561577
Ion Ratio Lower Upper
112 100
64 65.0 52.1 78.1
63 37.7 28.6 42.8





#7
Phenol-d6
Concen: 99.104 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF134107.D
Acq: 06 Jul 2023 20:41

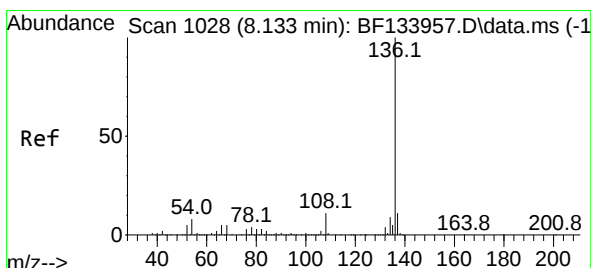
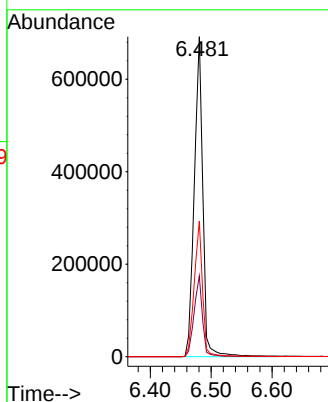
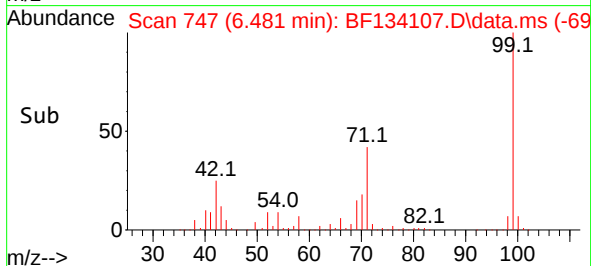
Instrument :
BNA_F
ClientSampleId :
DOREMUS-COMP-1



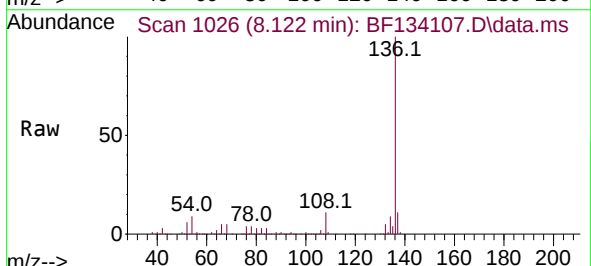
Tgt Ion: 99 Resp: 677710
Ion Ratio Lower Upper
99 100
42 25.2 19.8 29.6
71 42.3 31.9 47.9

Manual Integrations
APPROVED

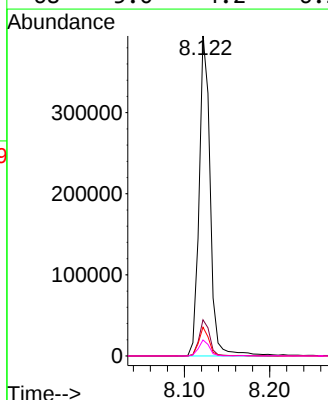
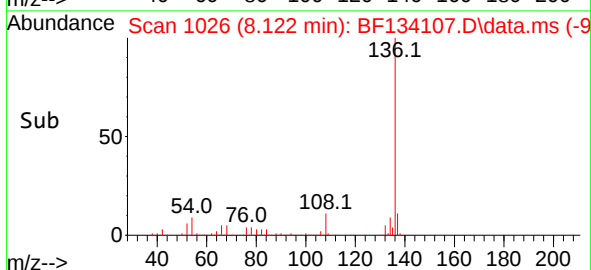
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

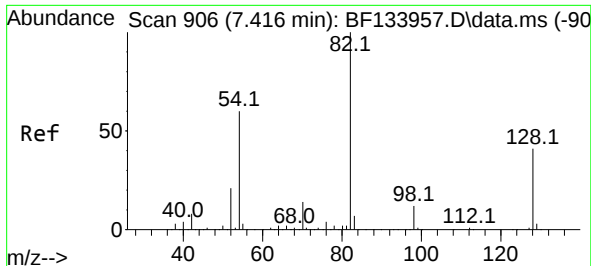


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134107.D
Acq: 06 Jul 2023 20:41



Tgt Ion:136 Resp: 356393
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 9.0 6.5 9.7
68 5.0 4.2 6.2





#23

Nitrobenzene-d5

Concen: 67.518 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134107.D

Acq: 06 Jul 2023 20:41

Instrument :

BNA_F

ClientSampleId :

DOREMUS-COMP-1

Tgt Ion: 82 Resp: 446390

Ion Ratio Lower Upper

82 100

128 44.9 32.5 48.7

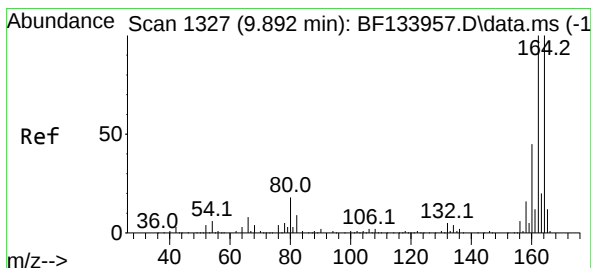
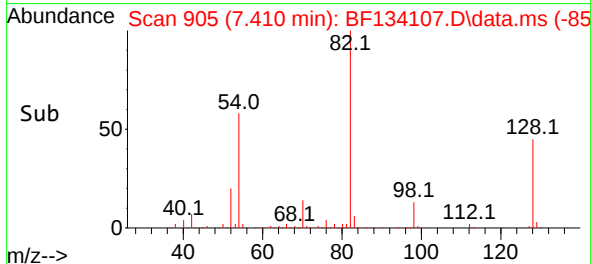
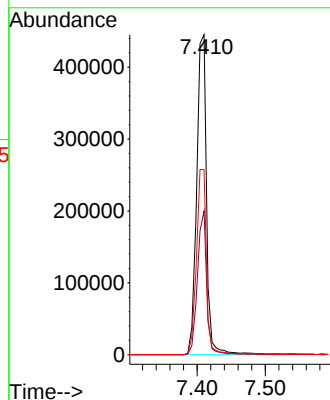
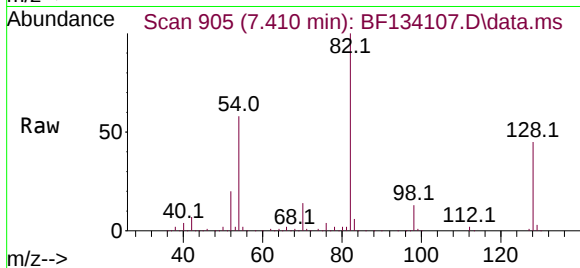
54 57.9 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/07/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.012 min

Lab File: BF134107.D

Acq: 06 Jul 2023 20:41

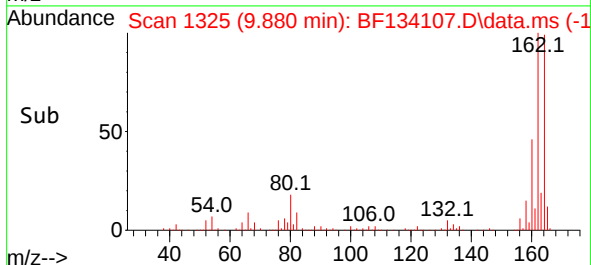
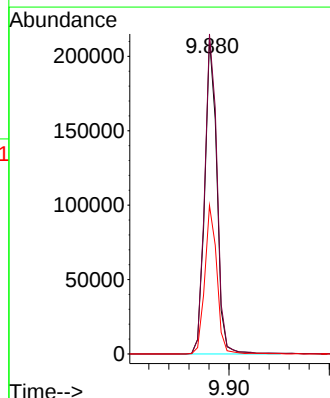
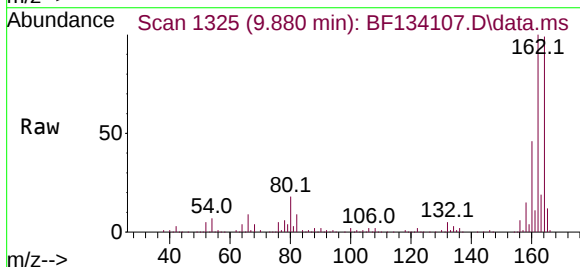
Tgt Ion:164 Resp: 178791

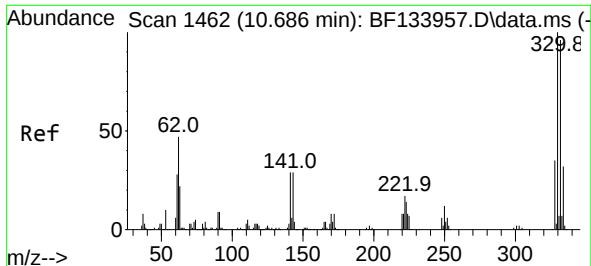
Ion Ratio Lower Upper

164 100

162 101.5 80.0 120.0

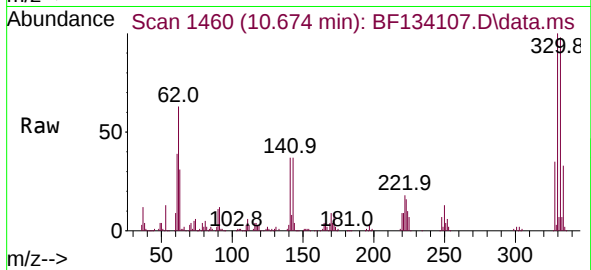
160 47.1 35.9 53.9





#42
2,4,6-Tribromophenol
Concen: 95.762 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF134107.D
Acq: 06 Jul 2023 20:41

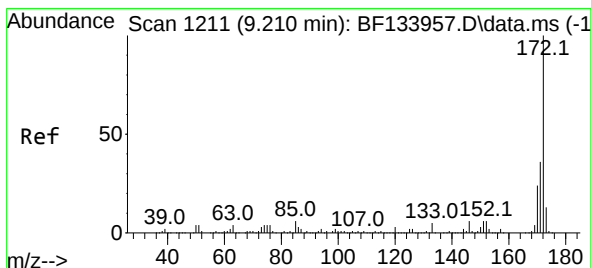
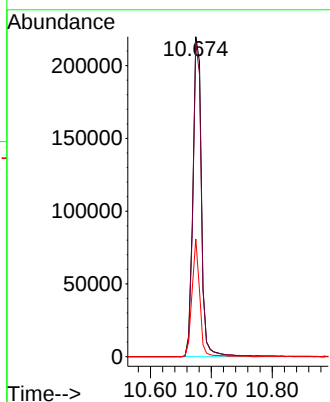
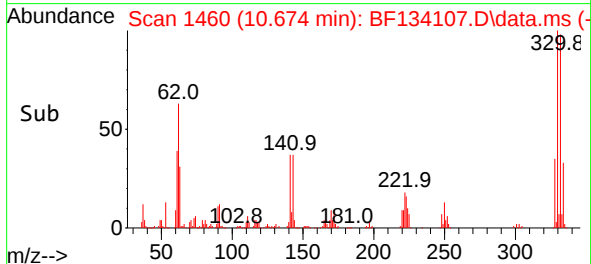
Instrument :
BNA_F
ClientSampleId :
DOREMUS-COMP-1



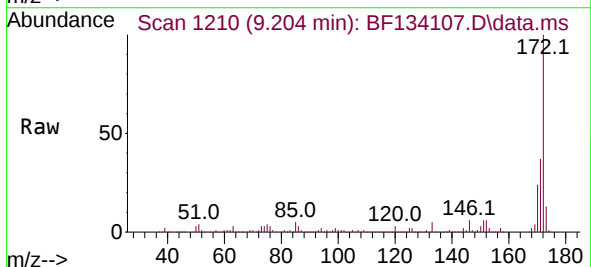
Tgt Ion: 330 Resp: 214668
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 33.1 26.3 39.5

Manual Integrations
APPROVED

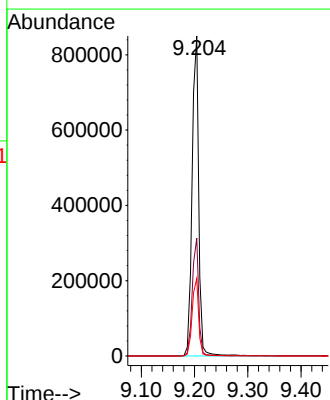
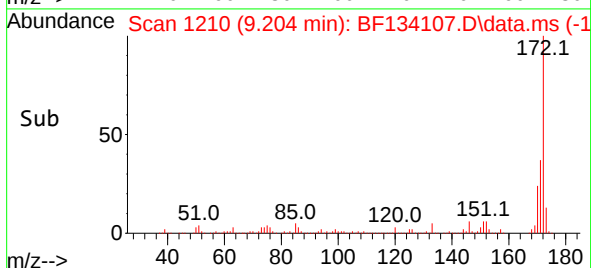
Reviewed By : Yogesh Patel 07/07/2023
Supervised By : mohammad ahmed 07/07/2023

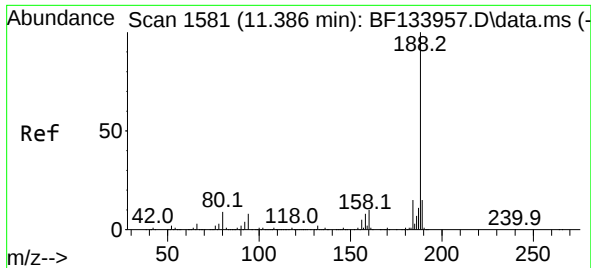


#45
2-Fluorobiphenyl
Concen: 59.896 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134107.D
Acq: 06 Jul 2023 20:41



Tgt Ion: 172 Resp: 736568
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 24.2 19.4 29.0





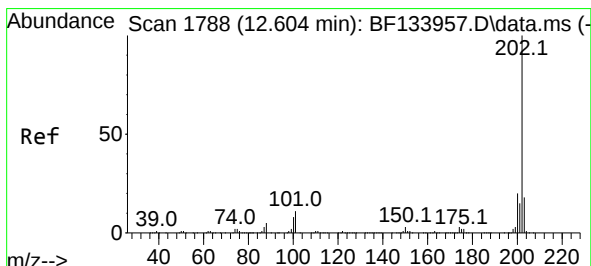
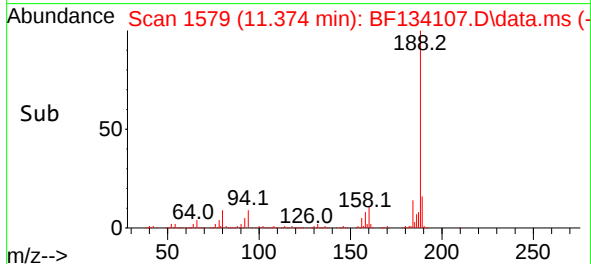
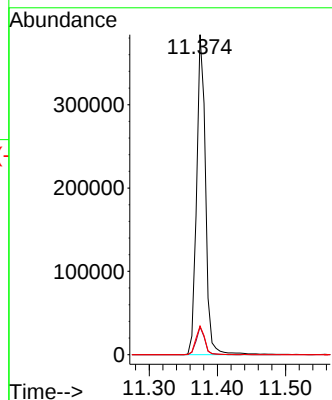
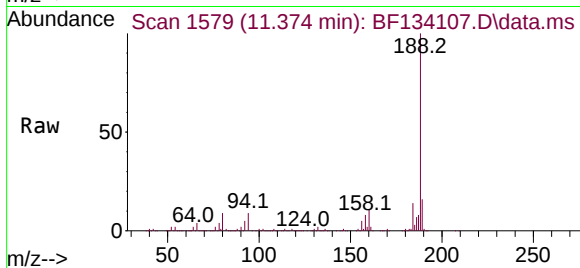
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134107.D
Acq: 06 Jul 2023 20:41

Instrument :
BNA_F
ClientSampleId :
DOREMUS-COMP-1

Tgt Ion:188 Resp: 34883
Ion Ratio Lower Upper
188 100
94 8.7 6.4 9.6
80 9.0 7.3 10.9

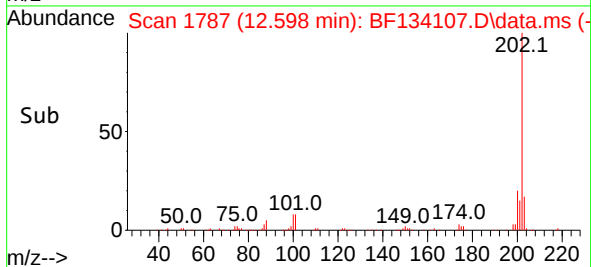
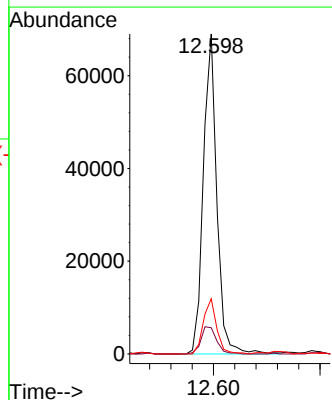
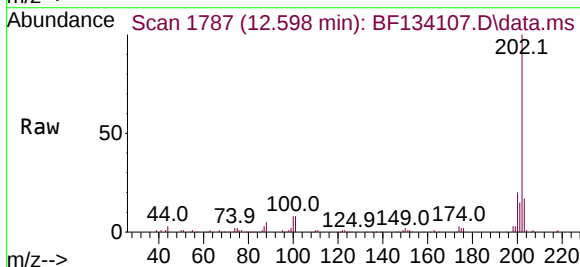
Manual Integrations
APPROVED

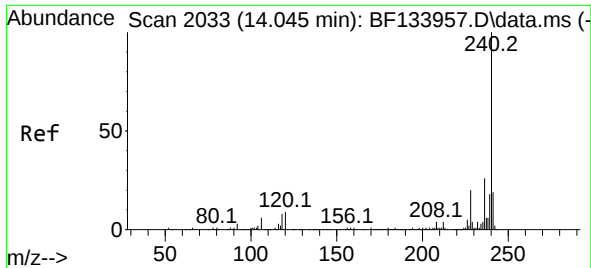
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#75
Fluoranthene
Concen: 3.212 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.012 min
Lab File: BF134107.D
Acq: 06 Jul 2023 20:41

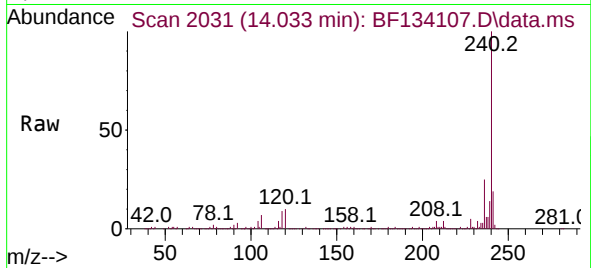
Tgt Ion:202 Resp: 60982
Ion Ratio Lower Upper
202 100
101 8.2 0.0 31.0
203 17.2 0.0 37.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134107.D
Acq: 06 Jul 2023 20:41

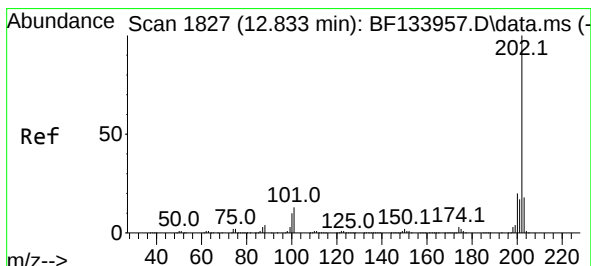
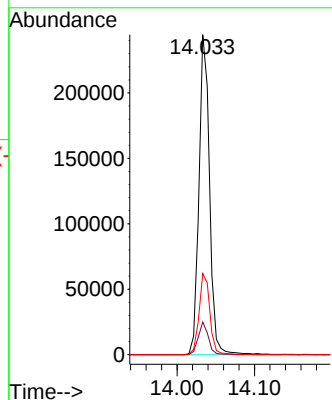
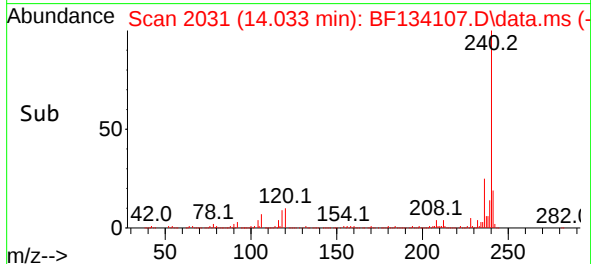
Instrument :
BNA_F
ClientSampleId :
DOREMUS-COMP-1



Tgt Ion:240 Resp: 23151
Ion Ratio Lower Upper
240 100
120 10.2 7.4 11.0
236 25.4 21.0 31.6

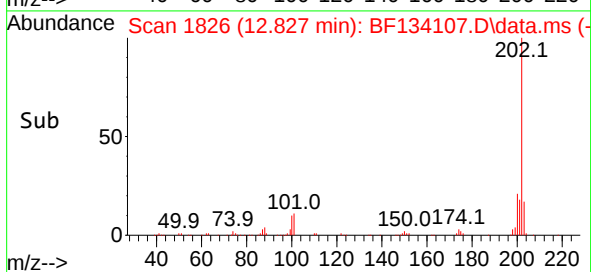
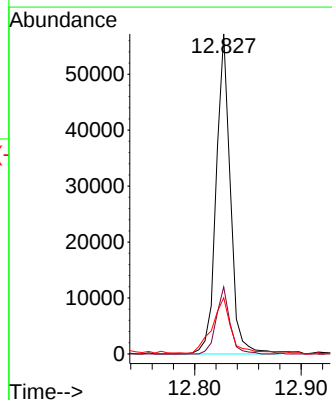
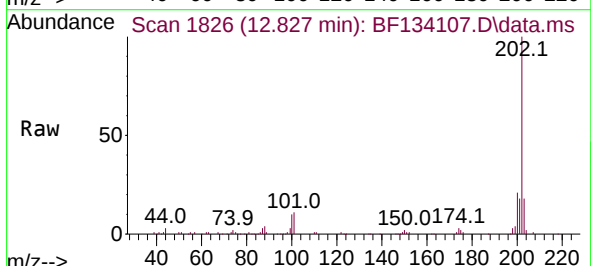
Manual Integrations
APPROVED

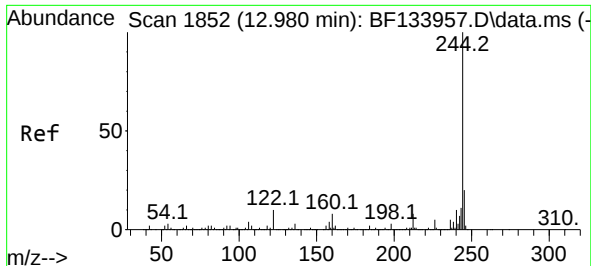
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023



#78
Pyrene
Concen: 2.446 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.012 min
Lab File: BF134107.D
Acq: 06 Jul 2023 20:41

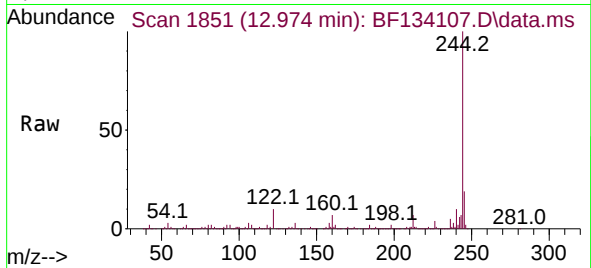
Tgt Ion:202 Resp: 52710
Ion Ratio Lower Upper
202 100
200 21.0 16.1 24.1
203 17.6 14.3 21.5





#79
 Terphenyl-d14
 Concen: 55.958 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF134107.D
 Acq: 06 Jul 2023 20:41

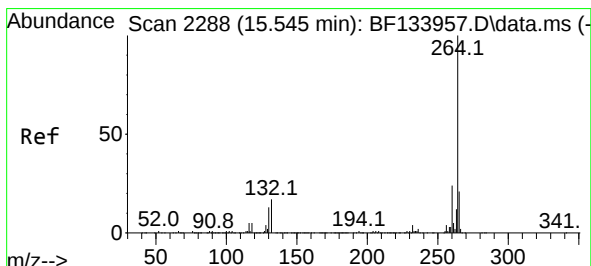
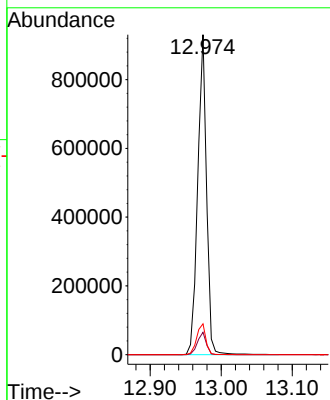
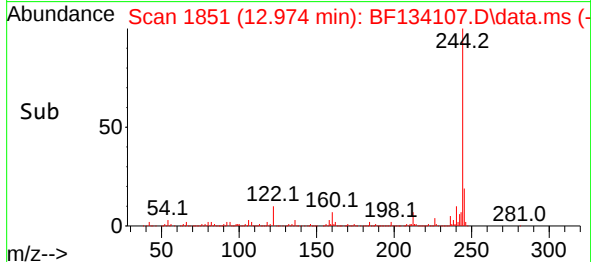
Instrument :
 BNA_F
 ClientSampleId :
 DOREMUS-COMP-1



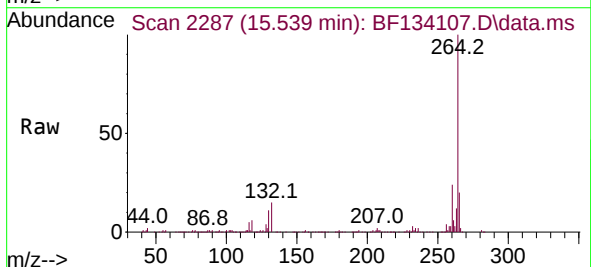
Tgt Ion:244 Resp: 804945
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.7 8.3 12.5

Manual Integrations
 APPROVED

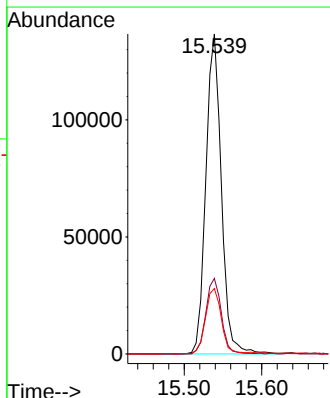
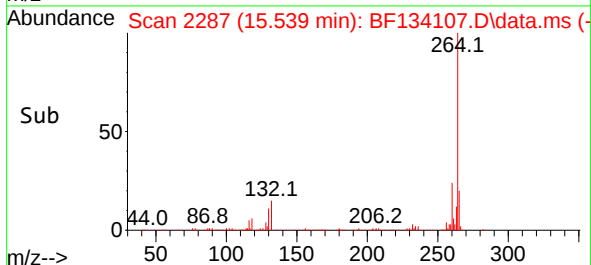
Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :mohammad ahmed 07/07/2023

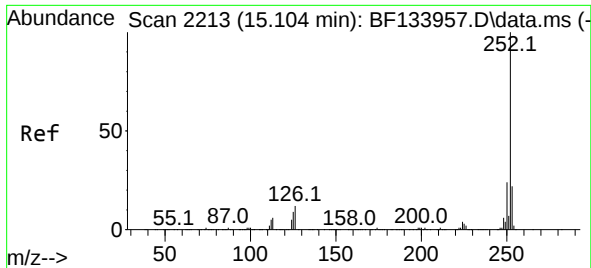


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134107.D
 Acq: 06 Jul 2023 20:41



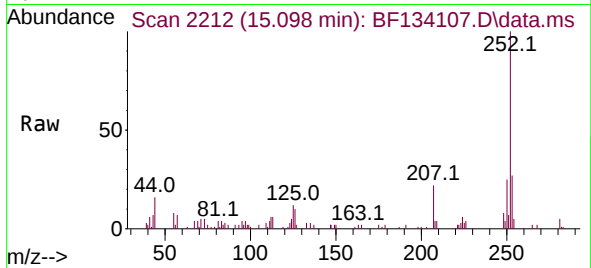
Tgt Ion:264 Resp: 189717
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 20.4 16.6 25.0





#88
Benzo(b)fluoranthene
Concen: 2.096 ng m
RT: 15.098 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF134107.D
Acq: 06 Jul 2023 20:41

Instrument :
BNA_F
ClientSampleId :
DOREMUS-COMP-1



Tgt Ion:252 Resp: 23384
Ion Ratio Lower Upper
252 100
253 26.5 17.4 26.0
125 11.8 7.1 10.7

Manual Integrations
APPROVED

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

