

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
 Data File : BF134251.D
 Acq On : 12 Jul 2023 17:32
 Operator : CG\JU
 Sample : 03555-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-347

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2023
 Supervised By :mohammad ahmed 07/13/2023

Quant Time: Jul 12 18:06:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	112971	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	453972	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	231060	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	407645	20.000	ng	0.00
76) Chrysene-d12	14.039	240	216252	20.000	ng	0.00
86) Perylene-d12	15.545	264	223182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	231268	34.244	ng	0.00
7) Phenol-d6	6.475	99	280390	33.759	ng	-0.01
23) Nitrobenzene-d5	7.404	82	189960	22.556	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	70170	24.221	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	364824	22.956	ng	0.00
79) Terphenyl-d14	12.969	244	296314	22.053	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.834	142	31145	2.008	ng	93
71) Phenanthrene	11.398	178	45868	2.235	ng	99
78) Pyrene	12.827	202	40592	2.017	ng	98
83) Chrysene	14.063	228	31788	2.188	ng	94
88) Benzo(b)fluoranthene	15.098	252	37831m	2.883	ng	

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

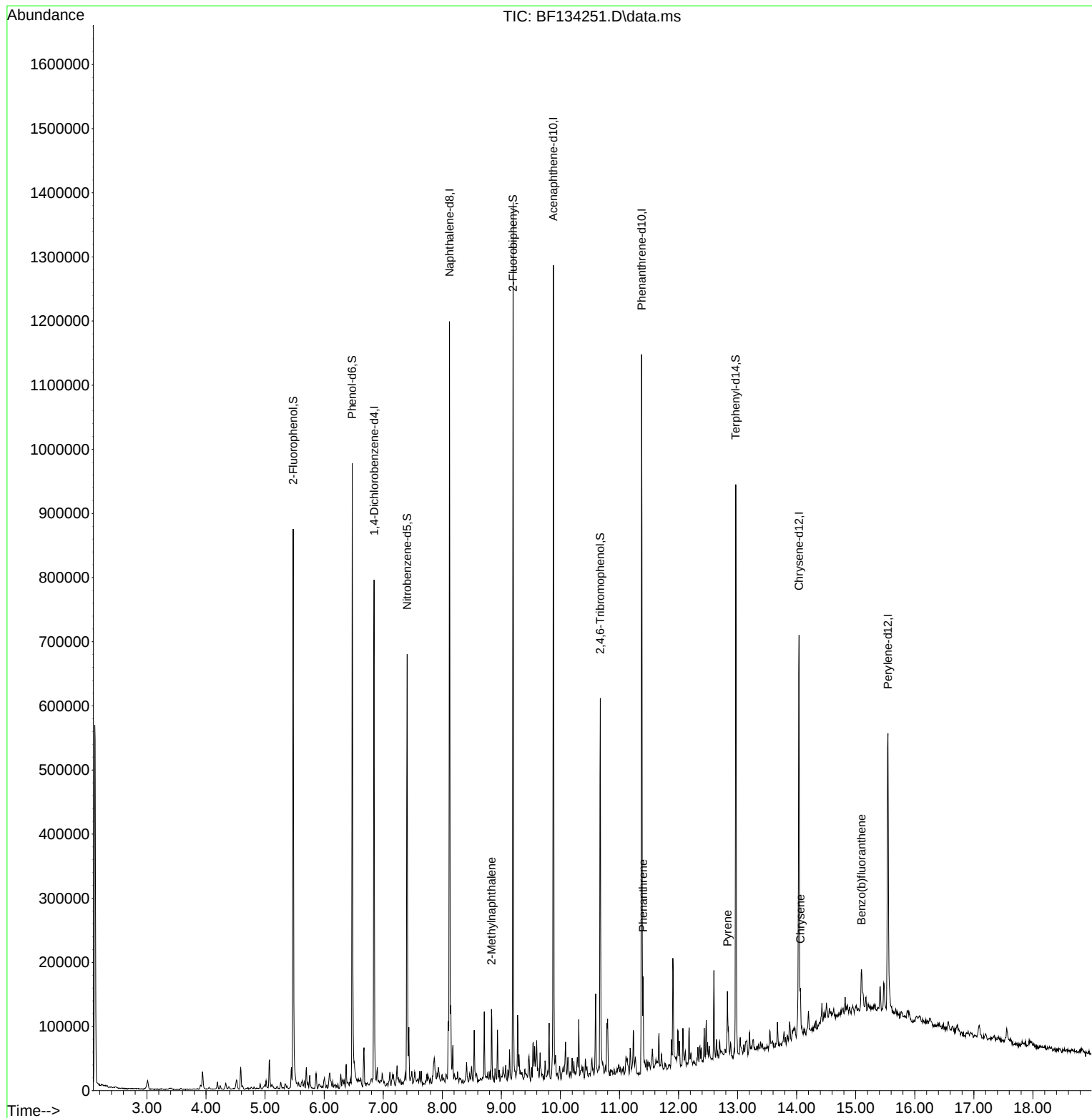
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134251.D
Acq On : 12 Jul 2023 17:32
Operator : CG\JU
Sample : 03555-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

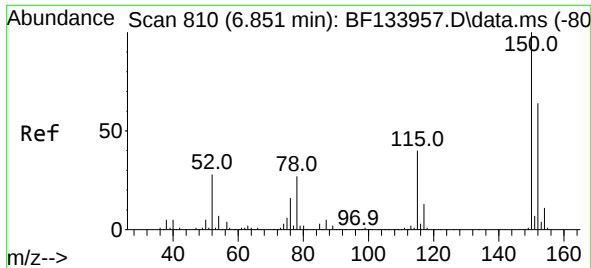
Instrument :
BNA_F
ClientSampleId :
ETGI-347

Quant Time: Jul 12 18:06:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

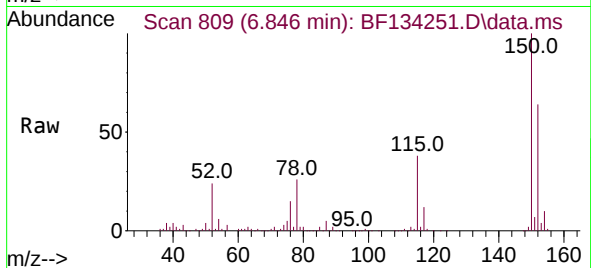
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 809
Delta R.T. 0.001 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32

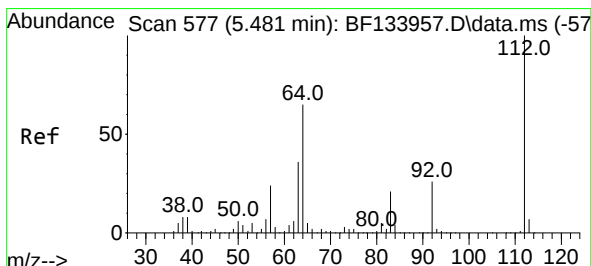
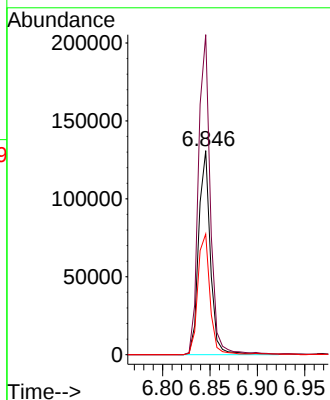
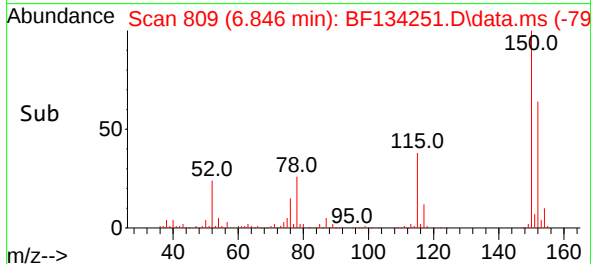
Instrument :
BNA_F
ClientSampleId :
ETGI-347



Tgt Ion:152 Resp: 11297
Ion Ratio Lower Upper
152 100
150 156.8 124.5 186.7
115 59.1 50.2 75.2

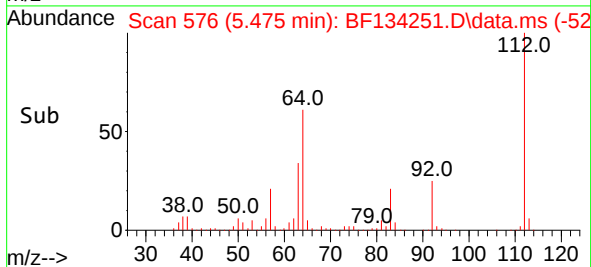
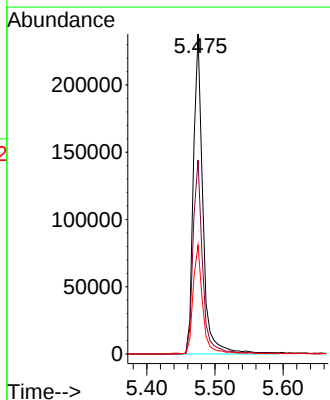
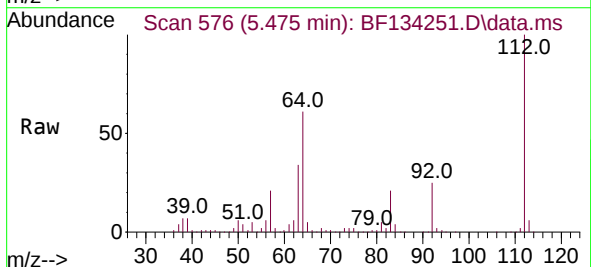
Manual Integrations
APPROVED

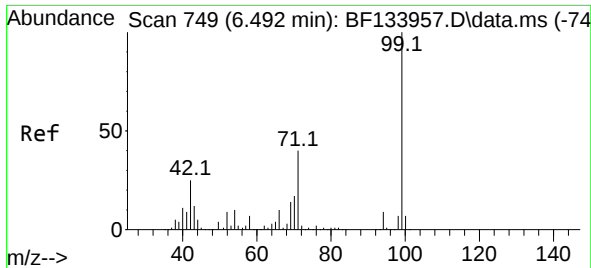
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#5
2-Fluorophenol
Concen: 34.244 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32

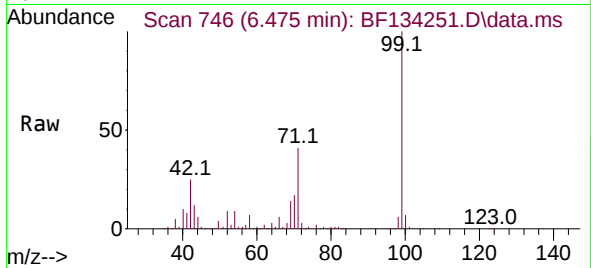
Tgt Ion:112 Resp: 231268
Ion Ratio Lower Upper
112 100
64 60.6 52.1 78.1
63 34.0 28.6 42.8





#7
Phenol-d6
Concen: 33.759 ng
RT: 6.475 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32

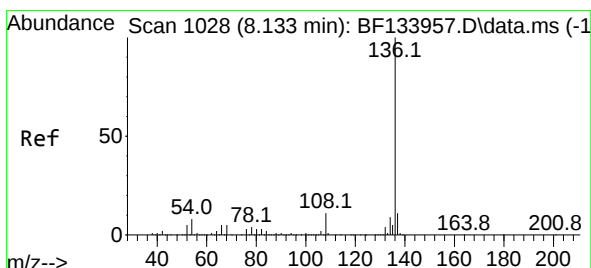
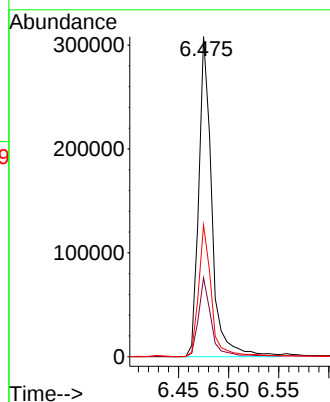
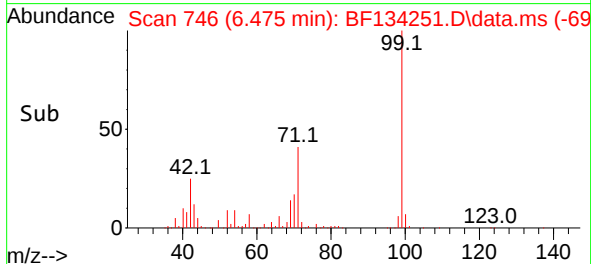
Instrument :
BNA_F
ClientSampleId :
ETGI-347



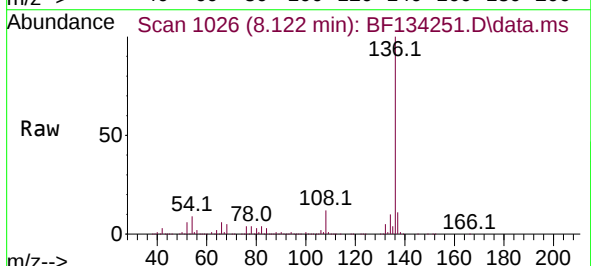
Tgt Ion: 99 Resp: 280390
Ion Ratio Lower Upper
99 100
42 24.7 19.8 29.6
71 41.2 31.9 47.9

Manual Integrations
APPROVED

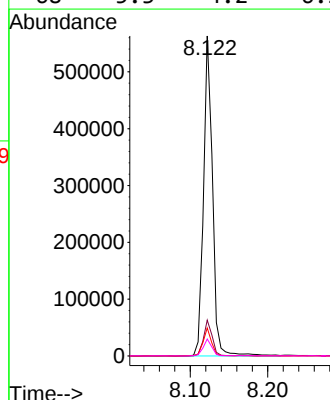
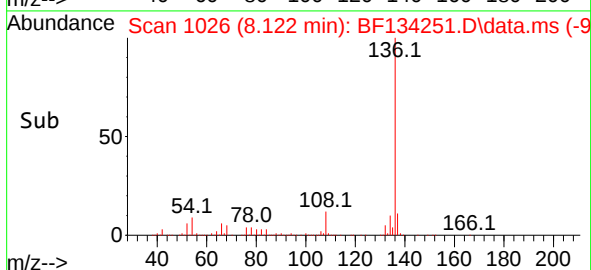
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

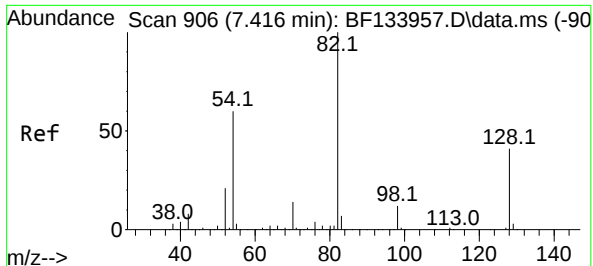


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32



Tgt Ion:136 Resp: 453972
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 8.8 6.5 9.7
68 5.3 4.2 6.2





#23

Nitrobenzene-d5

Concen: 22.556 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF134251.D

Acq: 12 Jul 2023 17:32

Instrument :

BNA_F

ClientSampleId :

ETGI-347

Tgt Ion: 82 Resp: 189960

Ion Ratio Lower Upper

82 100

128 43.2 32.5 48.7

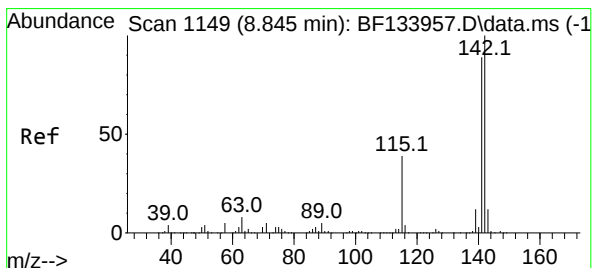
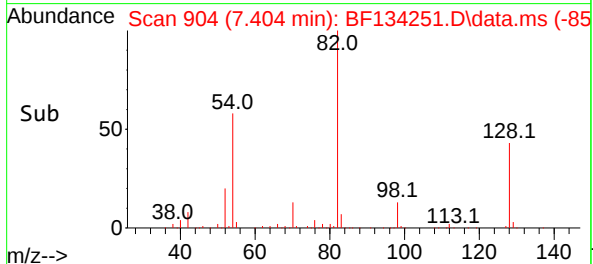
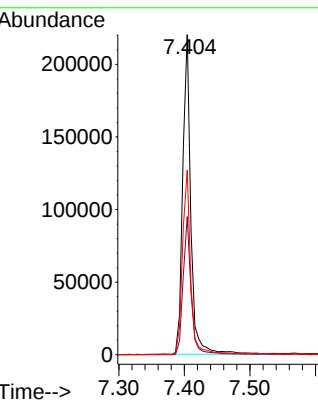
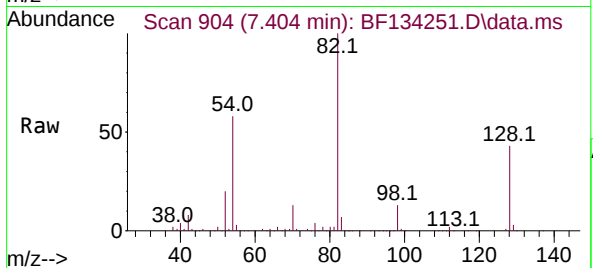
54 57.7 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2023

Supervised By :mohammad ahmed 07/13/2023



#37

2-Methylnaphthalene

Concen: 2.008 ng

RT: 8.834 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF134251.D

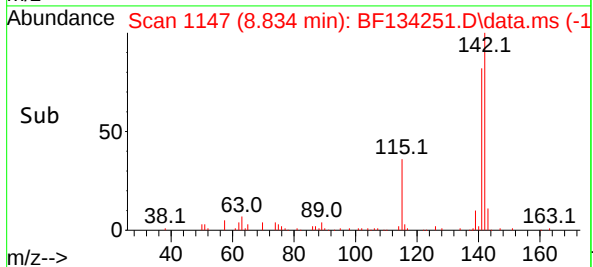
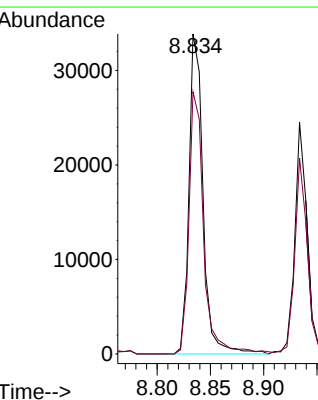
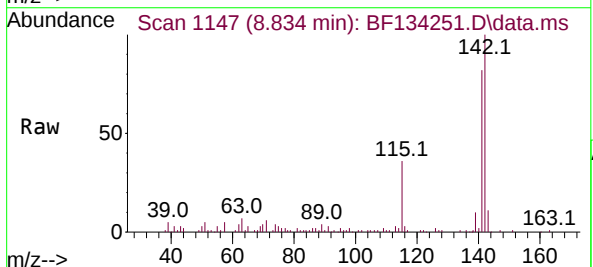
Acq: 12 Jul 2023 17:32

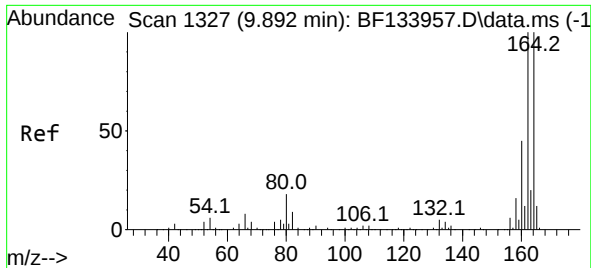
Tgt Ion:142 Resp: 31145

Ion Ratio Lower Upper

142 100

141 81.9 71.0 106.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32

Instrument :

BNA_F

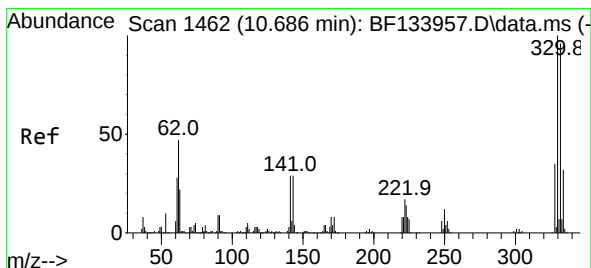
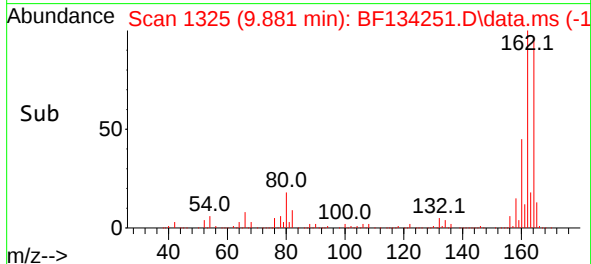
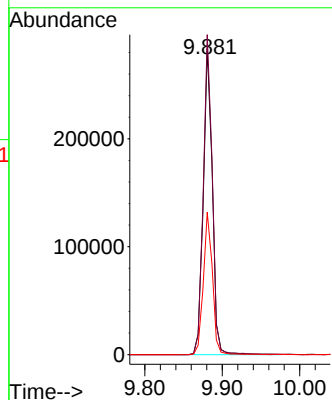
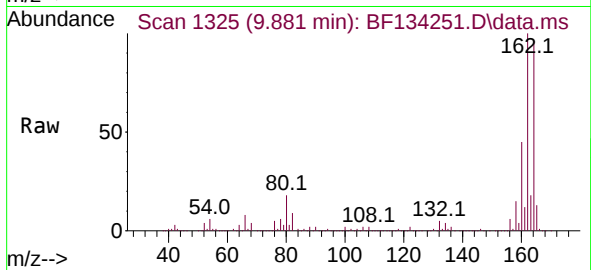
ClientSampleId :

ETGI-347

Tgt Ion:164 Resp: 231060
Ion Ratio Lower Upper
164 100
162 104.5 80.0 120.0
160 46.5 35.9 53.9

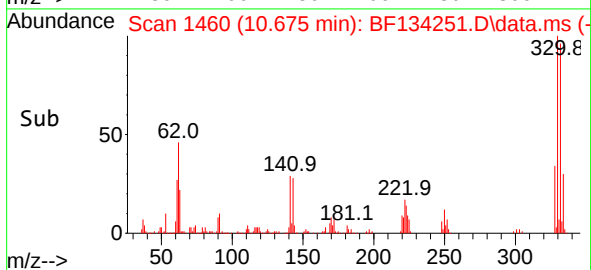
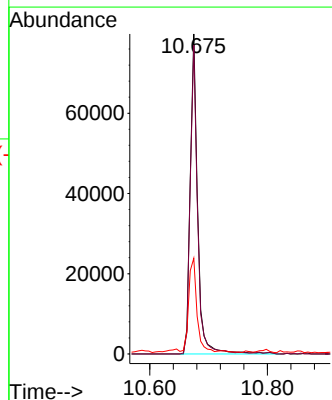
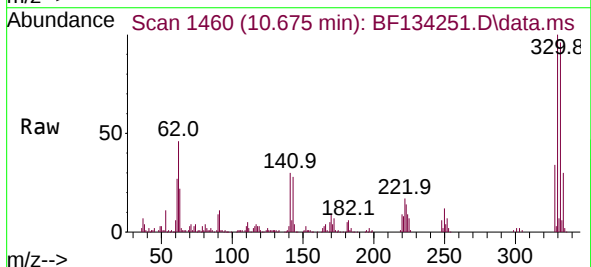
Manual Integrations
APPROVED

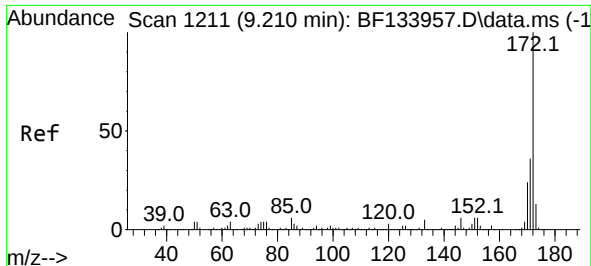
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#42
2,4,6-Tribromophenol
Concen: 24.221 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32

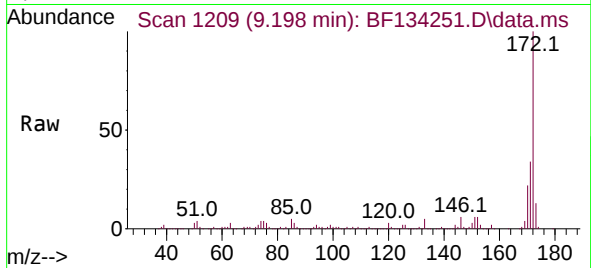
Tgt Ion:330 Resp: 70170
Ion Ratio Lower Upper
330 100
332 94.5 77.0 115.6
141 31.5 26.3 39.5





#45
2-Fluorobiphenyl
Concen: 22.956 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32

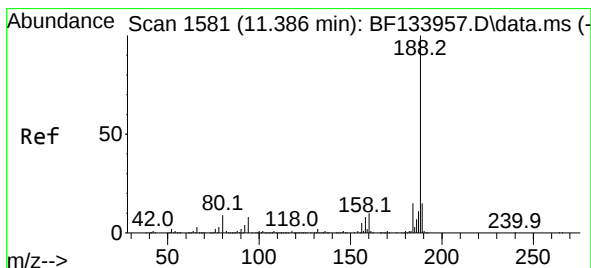
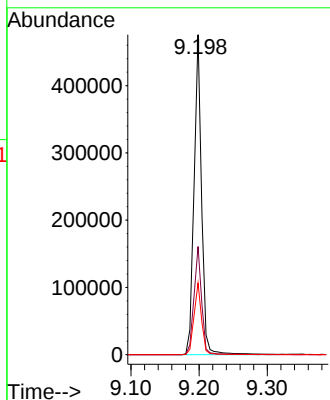
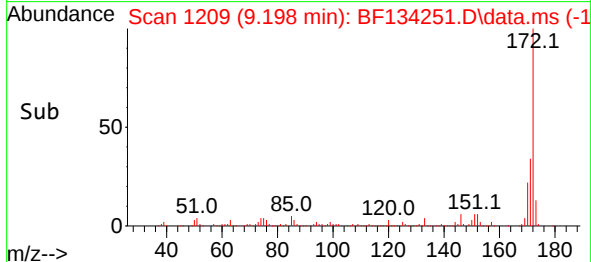
Instrument :
BNA_F
ClientSampleId :
ETGI-347



Tgt Ion:172 Resp: 364824
Ion Ratio Lower Upper
172 100
171 33.8 28.6 43.0
170 22.4 19.4 29.0

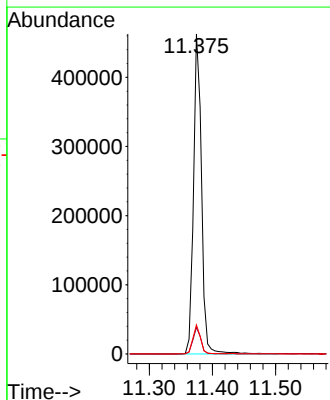
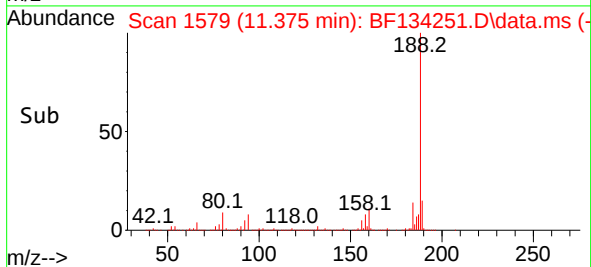
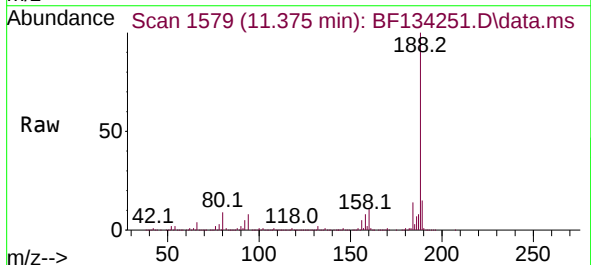
Manual Integrations
APPROVED

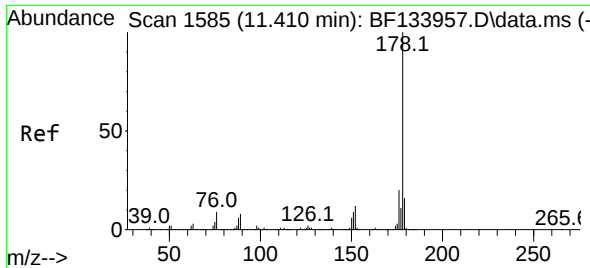
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32

Tgt Ion:188 Resp: 407645
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 9.1 7.3 10.9





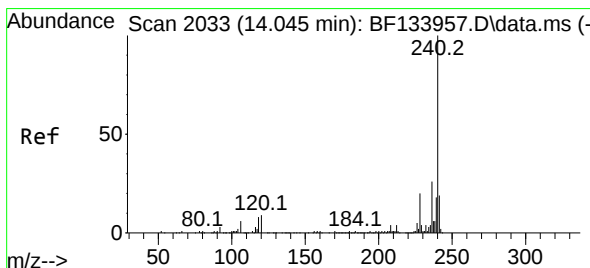
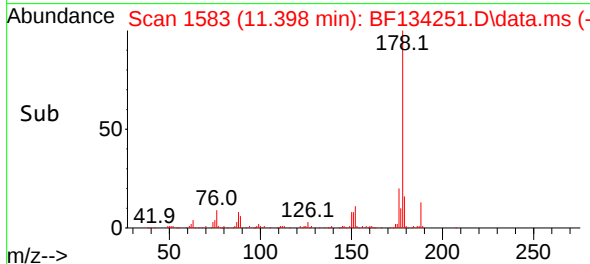
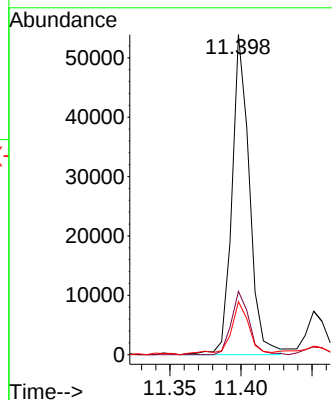
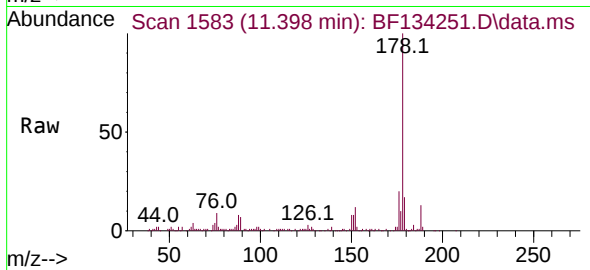
#71
Phenanthrene
Concen: 2.235 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32

Instrument :
BNA_F
ClientSampleId :
ETGI-347

Tgt Ion:178 Resp: 4586
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.6 12.4 18.6

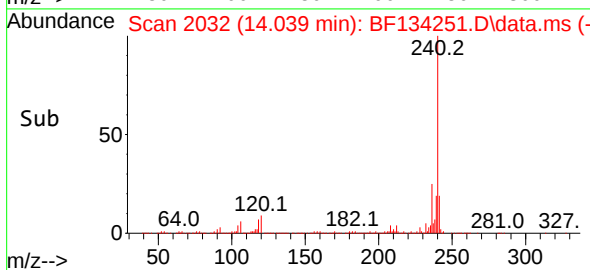
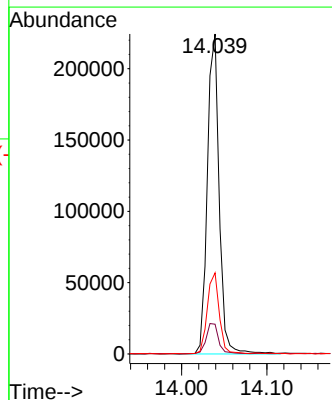
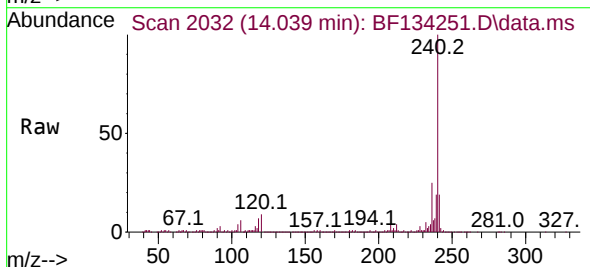
Manual Integrations
APPROVED

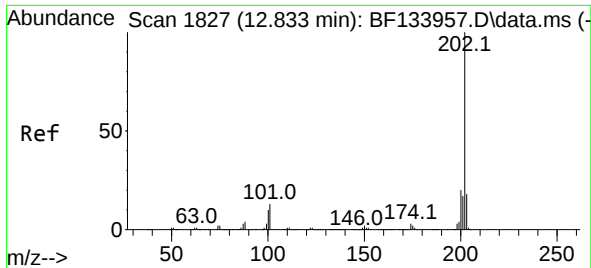
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32

Tgt Ion:240 Resp: 216252
Ion Ratio Lower Upper
240 100
120 9.3 7.4 11.0
236 25.3 21.0 31.6





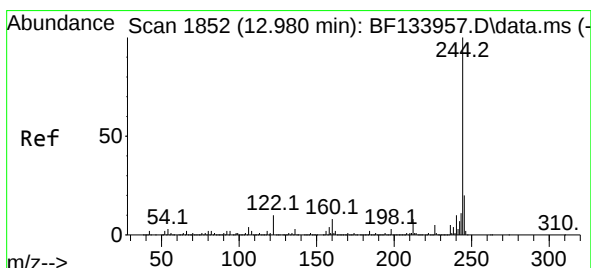
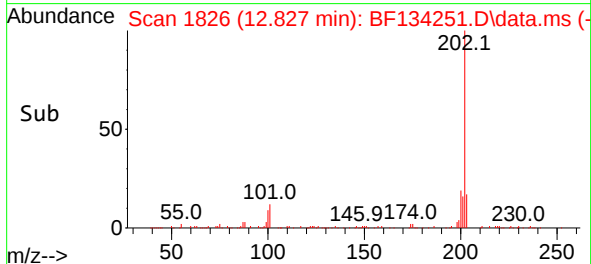
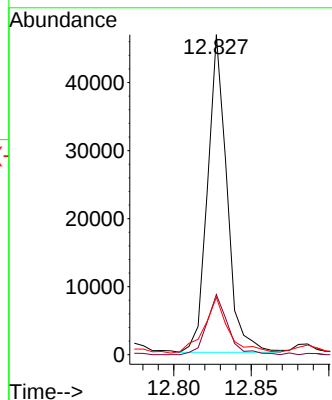
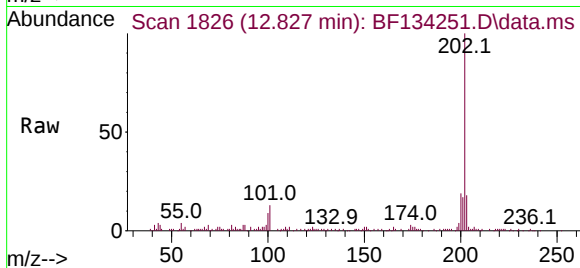
#78
Pyrene
Concen: 2.017 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32

Instrument :
BNA_F
ClientSampleId :
ETGI-347

Tgt Ion:202 Resp: 40592
Ion Ratio Lower Upper
202 100
200 18.8 16.1 24.1
203 17.9 14.3 21.5

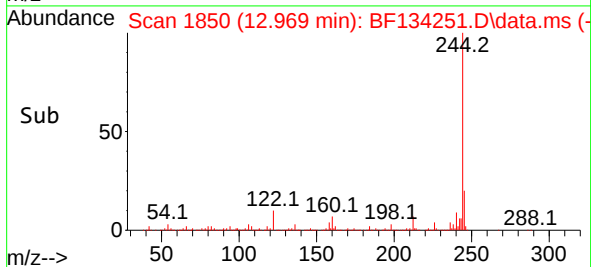
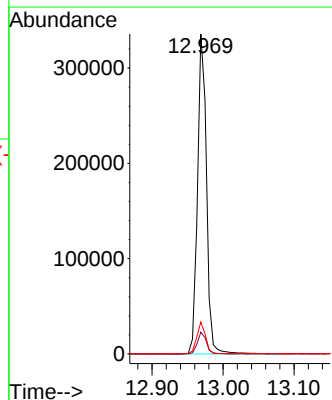
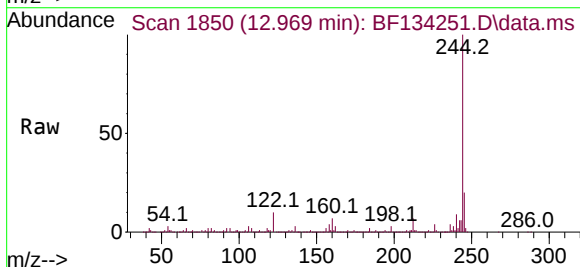
Manual Integrations
APPROVED

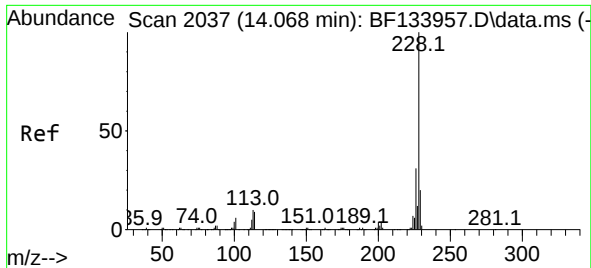
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#79
Terphenyl-d14
Concen: 22.053 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32

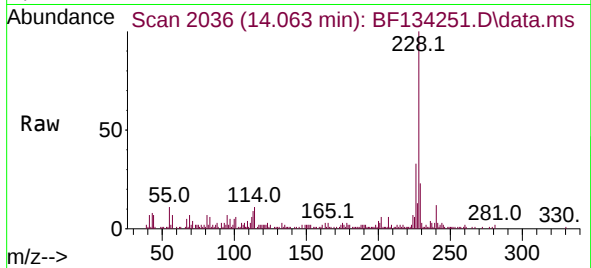
Tgt Ion:244 Resp: 296314
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 10.0 8.3 12.5





#83
Chrysene
Concen: 2.188 ng
RT: 14.063 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32

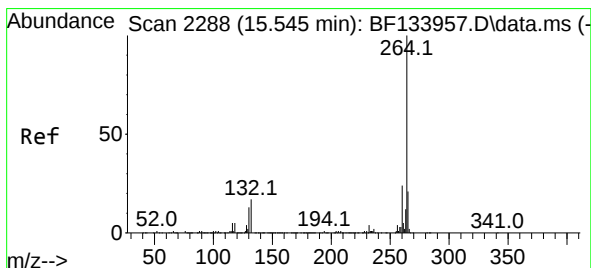
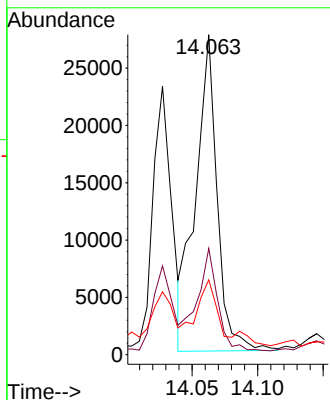
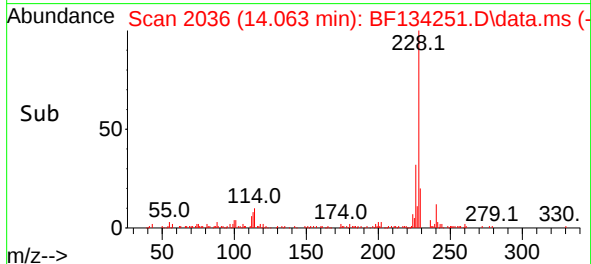
Instrument :
BNA_F
ClientSampleId :
ETGI-347



Tgt Ion:228 Resp: 31788
Ion Ratio Lower Upper
228 100
226 33.2 24.4 36.6
229 23.4 16.1 24.1

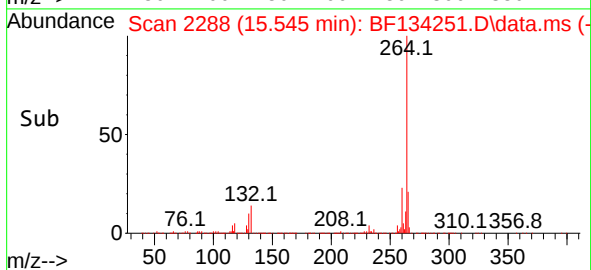
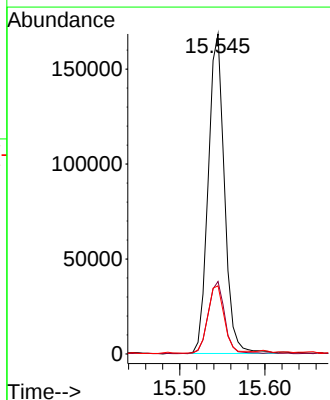
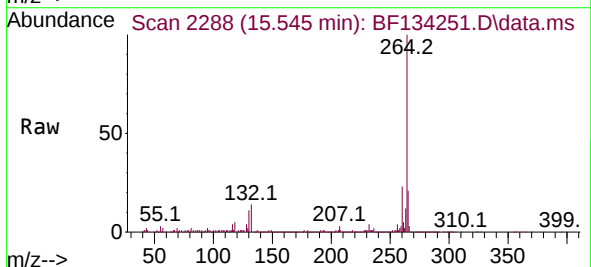
Manual Integrations
APPROVED

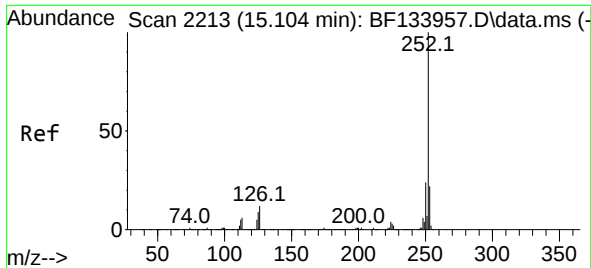
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32

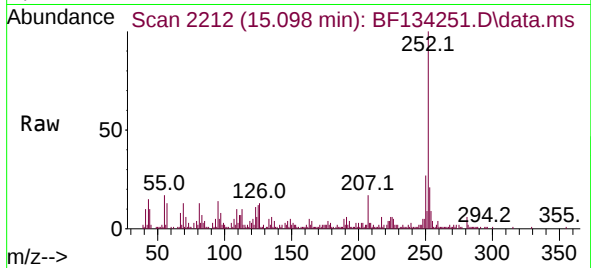
Tgt Ion:264 Resp: 223182
Ion Ratio Lower Upper
264 100
260 22.7 19.5 29.3
265 21.3 16.6 25.0





#88
Benzo(b)fluoranthene
Concen: 2.883 ng m
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32

Instrument :
BNA_F
ClientSampleId :
ETGI-347



Tgt Ion:252 Resp: 3783
Ion Ratio Lower Upper
252 100
253 20.8 17.4 26.0
125 12.4 7.1 10.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

