

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
 Data File : BF140965.D
 Acq On : 23 Dec 2024 14:36
 Operator : RC/JU
 Sample : P5346-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-328

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 23 15:19:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-6.85
21) Naphthalene-d8	8.151	136	433	20.000	ng	# 0.02
39) Acenaphthene-d10	9.757	164	1436	20.000	ng	#-0.13
64) Phenanthrene-d10	11.392	188	682m	20.000	ng	0.02
76) Chrysene-d12	13.804	240	177	20.000	ng	#-0.23
86) Perylene-d12	15.545	264	115	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	487277	0.000	ng	0.01
7) Phenol-d6	6.504	99	574598	0.000	ng	0.00
23) Nitrobenzene-d5	7.416	82	429031	49572.465	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	230795	13589.131	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	892350	8543.505	ng	0.00
79) Terphenyl-d14	12.963	244	965922	86052.649	ng	0.00
Target Compounds						Qvalue
22) Acetophenone	7.269	105	1989	183.629	ng	# 89
31) Naphthalene	8.157	128	1273	53.521	ng	# 87
32) Benzoic acid	7.939	122	5418	1197.906	ng	# 80
37) 2-Methylnaphthalene	8.845	142	2058	130.801	ng	99
38) 1-Methylnaphthalene	8.939	142	2070	133.029	ng	96
50) Dimethylphthalate	9.598	163	4647	45.900	ng	# 98
58) Fluorene	10.433	166	2785m	26.566	ng	
71) Phenanthrene	11.404	178	5437m	155.027	ng	

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

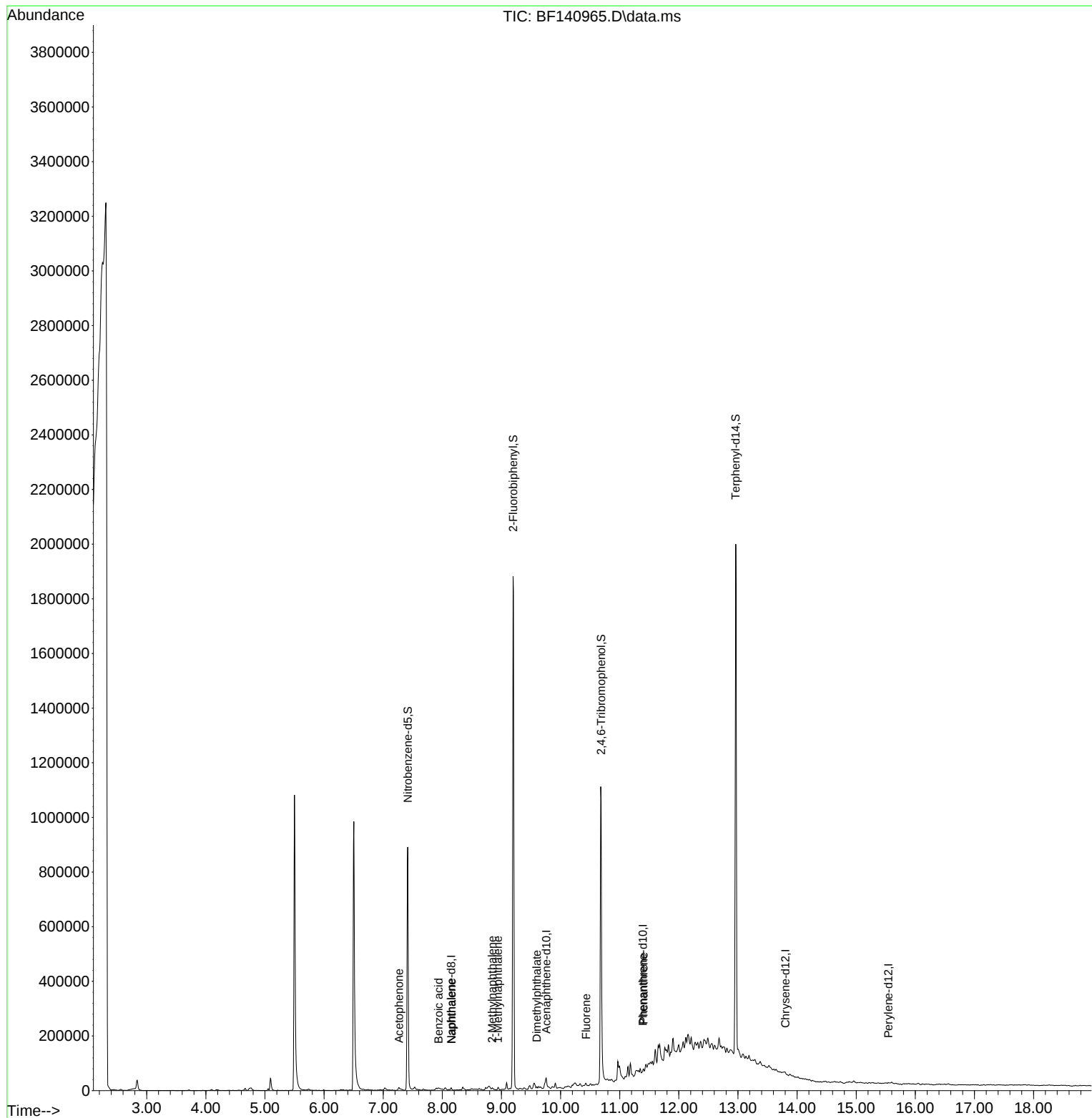
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
Data File : BF140965.D
Acq On : 23 Dec 2024 14:36
Operator : RC/JU
Sample : P5346-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

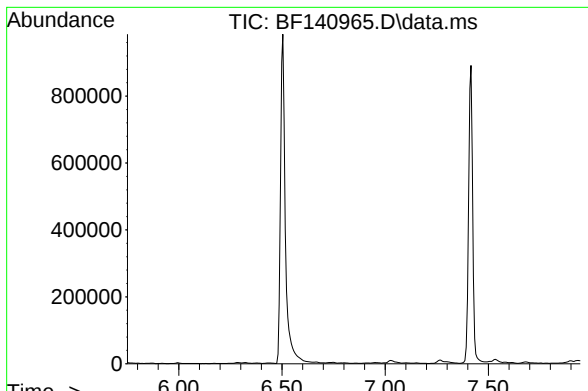
Instrument :
BNA_F
ClientSampleId :
ETGI-328

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 23 15:19:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration





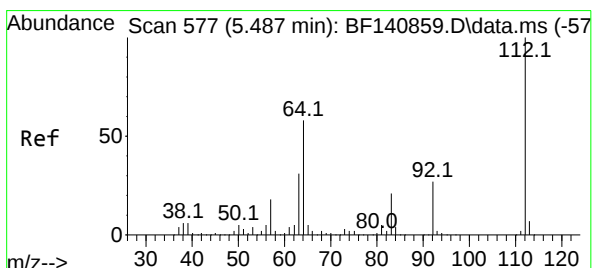
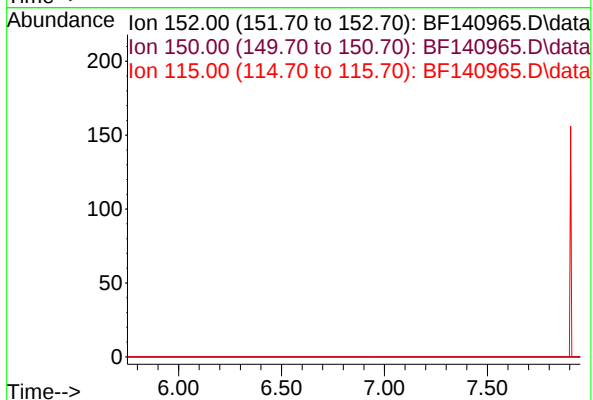
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.85 min
 Lab File: BF140965.D
 Acq: 23 Dec 2024 14:36

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-328

Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 159.9
 115 60.0

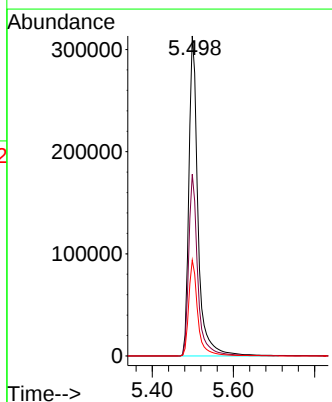
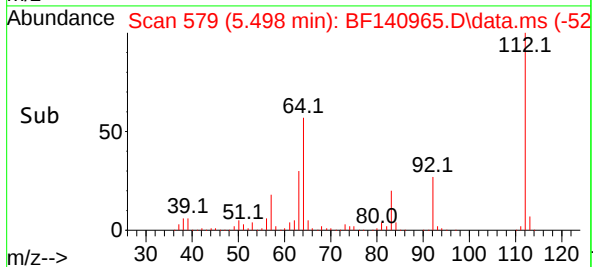
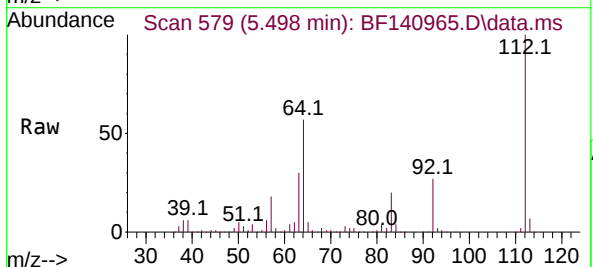
Manual Integrations
 APPROVED

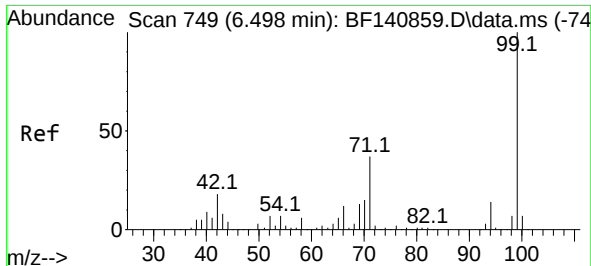
Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/24/2024



#5
 2-Fluorophenol
 Concen: 0.000 ng
 RT: 5.498 min Scan# 579
 Delta R.T. 0.012 min
 Lab File: BF140965.D
 Acq: 23 Dec 2024 14:36

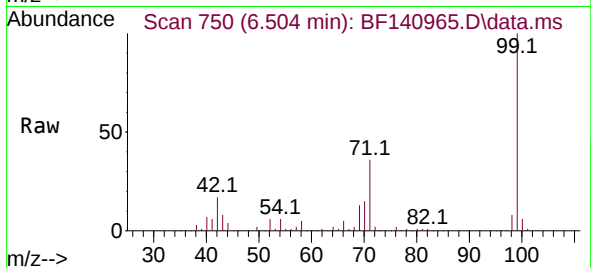
Tgt Ion:112 Resp: 487277
 Ion Ratio Lower Upper
 112 100
 64 56.8 46.1 69.1
 63 30.0 24.9 37.3





#7
Phenol-d6
Concen: 0.000 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

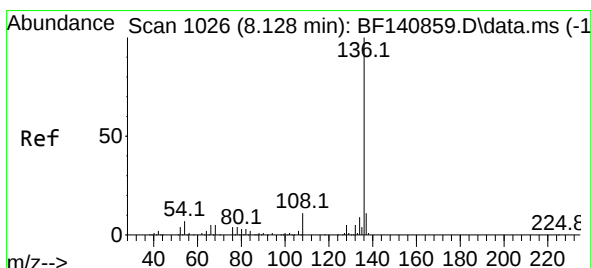
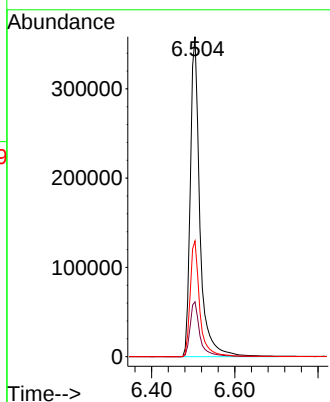
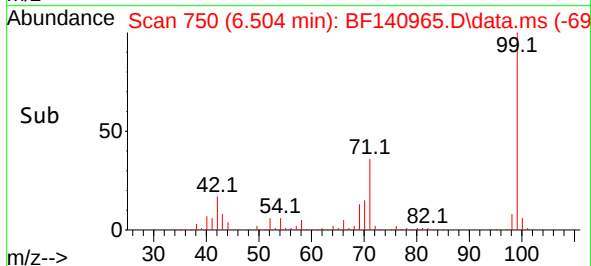
Instrument :
BNA_F
ClientSampleId :
ETGI-328



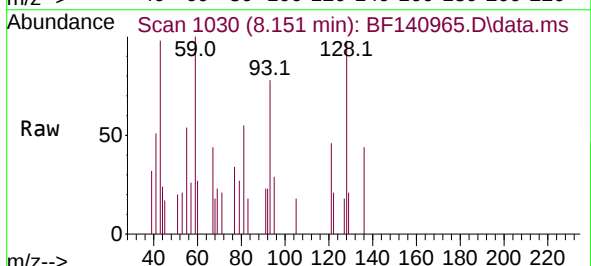
Tgt Ion: 99 Resp: 574598
Ion Ratio Lower Upper
99 100
42 17.1 14.3 21.5
71 36.2 29.9 44.9

Manual Integrations
APPROVED

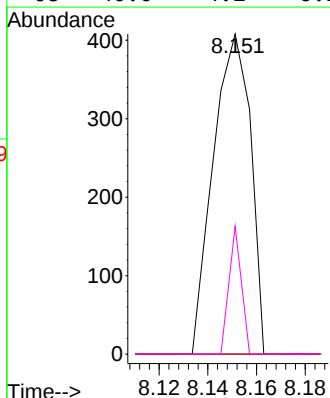
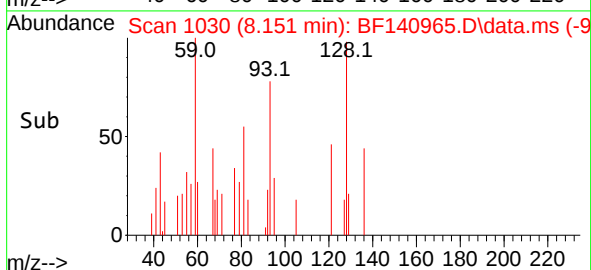
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024

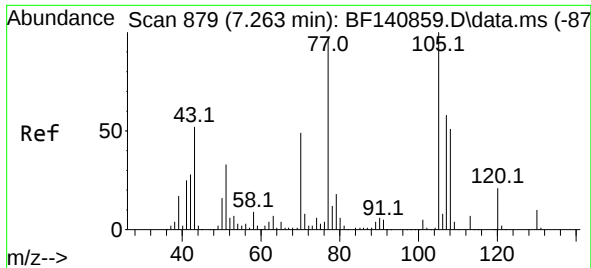


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.023 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36



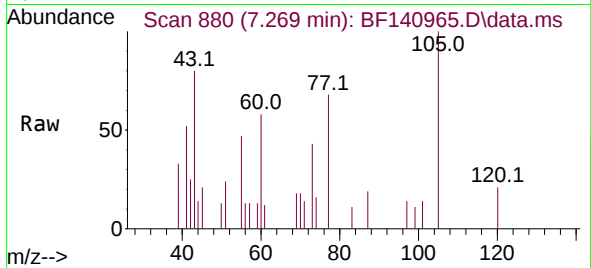
Tgt Ion:136 Resp: 433
Ion Ratio Lower Upper
136 100
137 0.0 9.0 13.4#
54 0.0 5.6 8.4#
68 40.0 4.2 6.2#





#22
Acetophenone
Concen: 183.629 ng
RT: 7.269 min Scan# 880
Delta R.T. 0.006 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

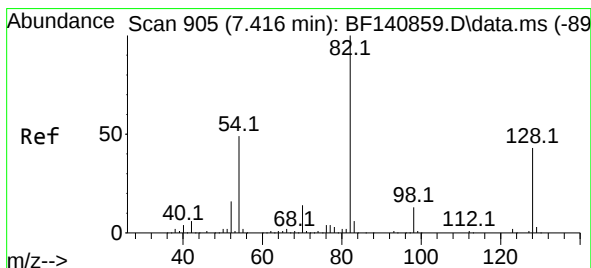
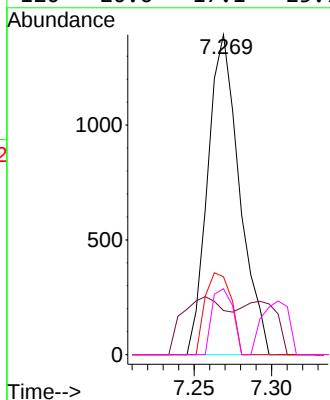
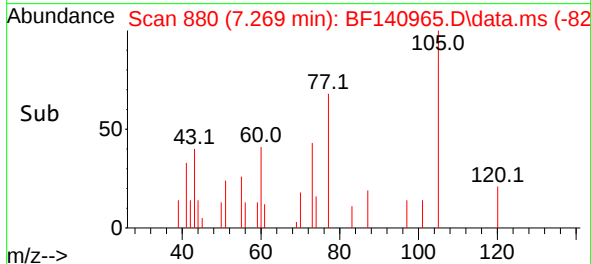
Instrument :
BNA_F
ClientSampleId :
ETGI-328



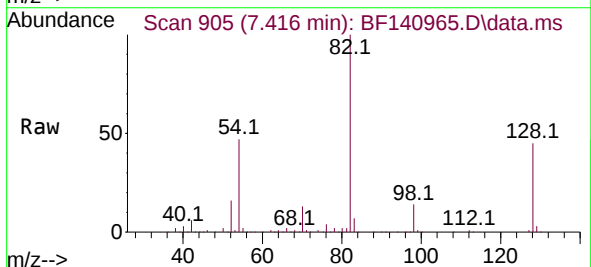
Tgt Ion:105 Resp: 1989
Ion Ratio Lower Upper
105 100
71 13.8 6.2 9.4
51 24.3 26.3 39.5
120 20.6 17.1 25.7

Manual Integrations
APPROVED

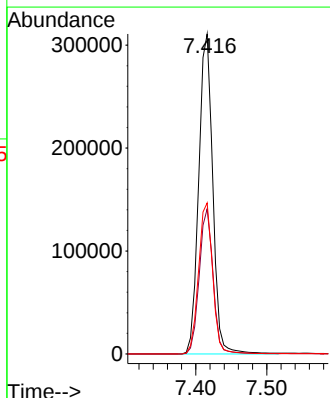
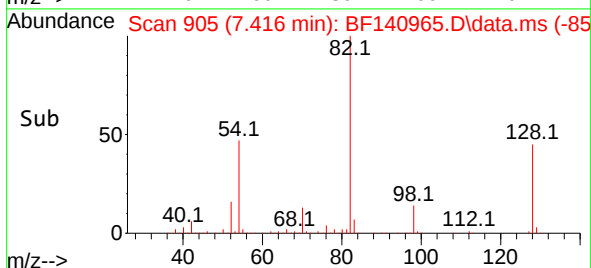
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024

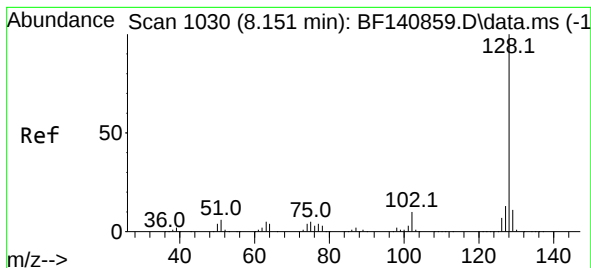


#23
Nitrobenzene-d5
Concen: 49572.465 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36



Tgt Ion: 82 Resp: 429031
Ion Ratio Lower Upper
82 100
128 45.4 34.4 51.6
54 47.2 38.8 58.2





#31

Naphthalene

Concen: 53.521 ng

RT: 8.157 min Scan# 1030

Delta R.T. 0.006 min

Lab File: BF140965.D

Acq: 23 Dec 2024 14:36

Instrument :

BNA_F

ClientSampleId :

ETGI-328

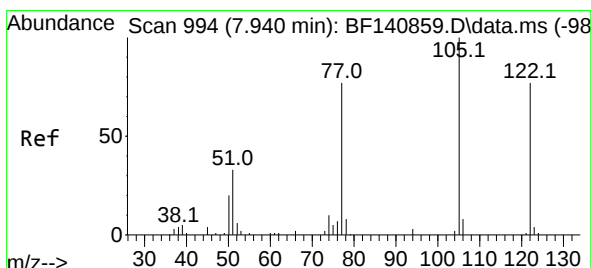
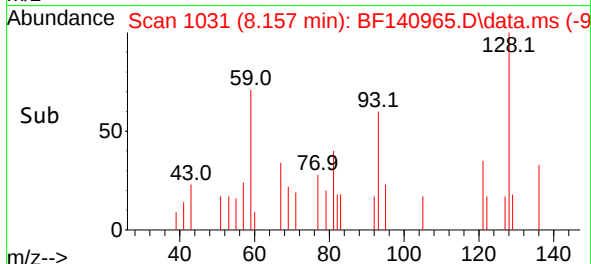
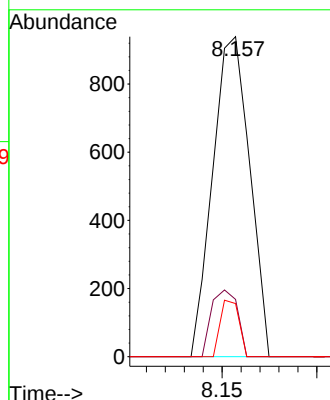
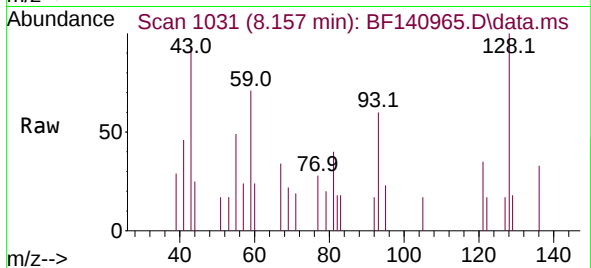
Tgt Ion:128	Resp:	127
Ion Ratio	Lower	Upper
128	100	
129	17.9	8.9 13.3
127	16.6	10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/24/2024

Supervised By :mohammad ahmed 12/24/2024



#32

Benzoic acid

Concen: 1197.906 ng

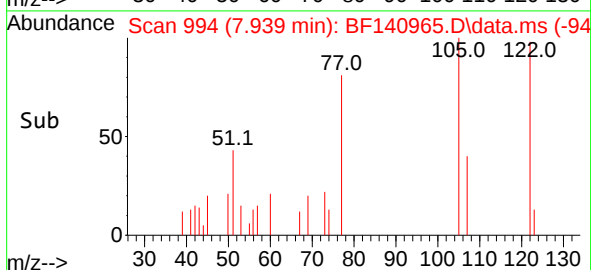
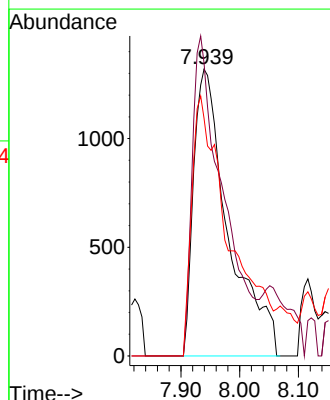
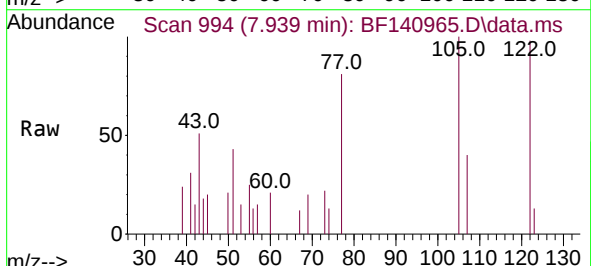
RT: 7.939 min Scan# 994

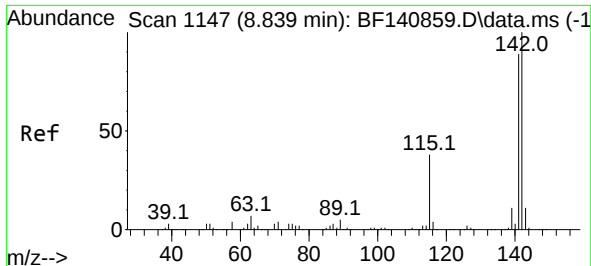
Delta R.T. -0.001 min

Lab File: BF140965.D

Acq: 23 Dec 2024 14:36

Tgt Ion:122	Resp:	5418
Ion Ratio	Lower	Upper
122	100	
105	102.2	108.3 148.3
77	82.9	78.8 118.8





#37

2-Methylnaphthalene

Concen: 130.801 ng

RT: 8.845 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF140965.D

Acq: 23 Dec 2024 14:36

Instrument :

BNA_F

ClientSampleId :

ETGI-328

Tgt Ion:142 Resp: 2058

Ion Ratio Lower Upper

142 100

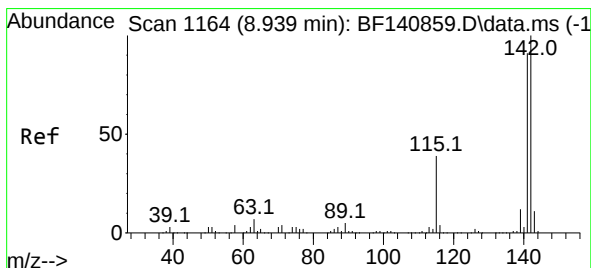
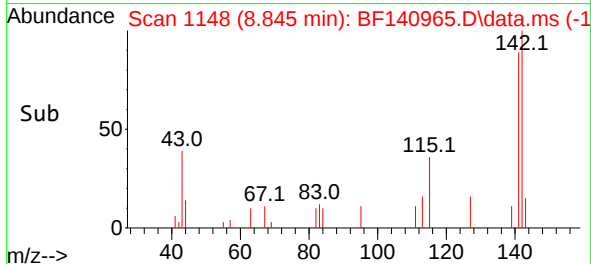
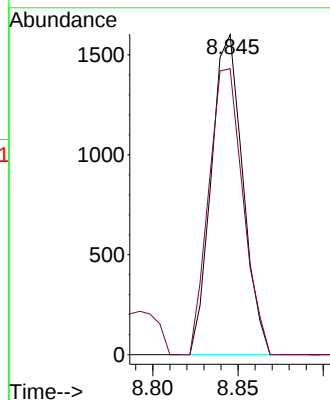
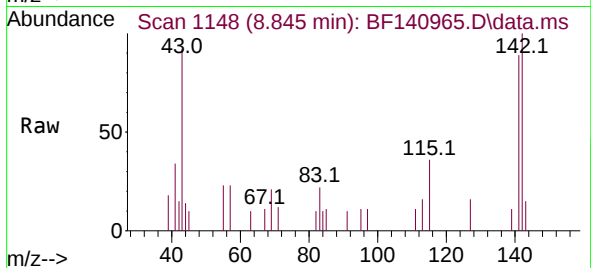
141 89.4 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/24/2024

Supervised By :mohammad ahmed 12/24/2024



#38

1-Methylnaphthalene

Concen: 133.029 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF140965.D

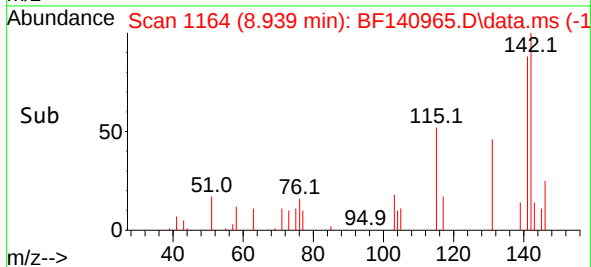
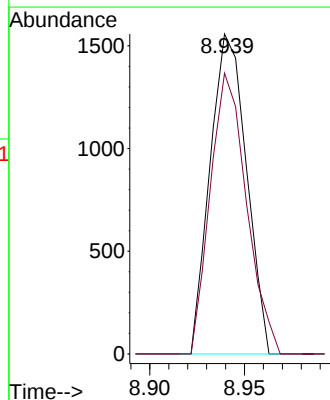
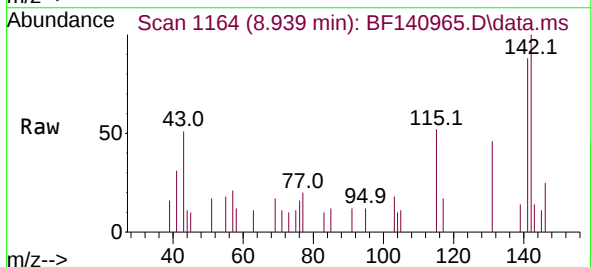
Acq: 23 Dec 2024 14:36

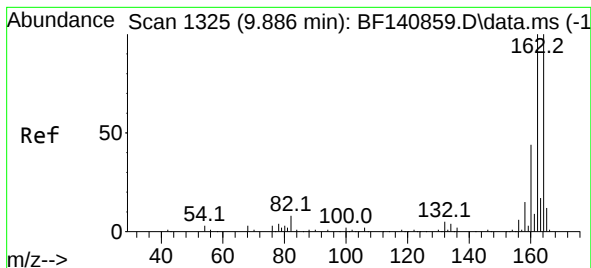
Tgt Ion:142 Resp: 2070

Ion Ratio Lower Upper

142 100

141 87.7 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 11

Delta R.T. -0.129 min

Lab File: BF140965.D

Acq: 23 Dec 2024 14:36

Instrument :

BNA_F

ClientSampleId :

ETGI-328

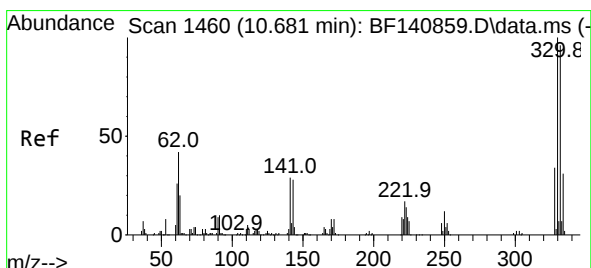
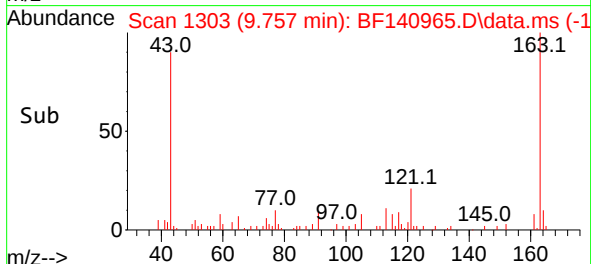
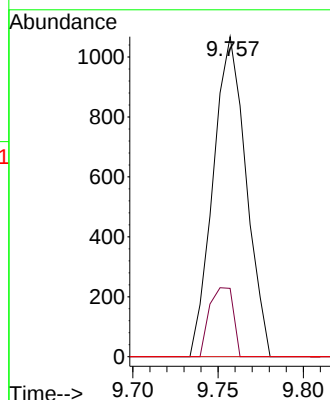
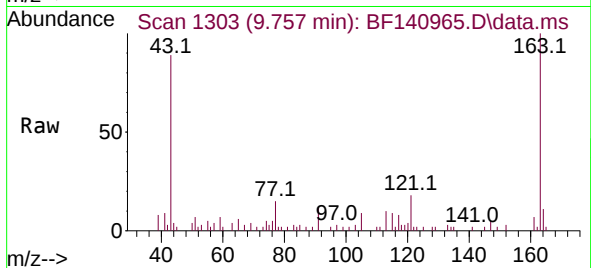
Tgt Ion:164	Resp:	1430
Ion Ratio	Lower	Upper
164	100	
162	21.3	79.9 119.9
160	0.0	35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/24/2024

Supervised By :mohammad ahmed 12/24/2024



#42

2,4,6-Tribromophenol

Concen: 13589.131 ng

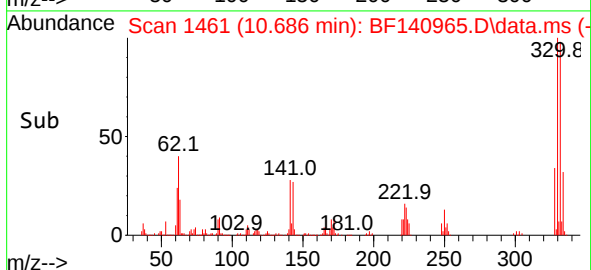
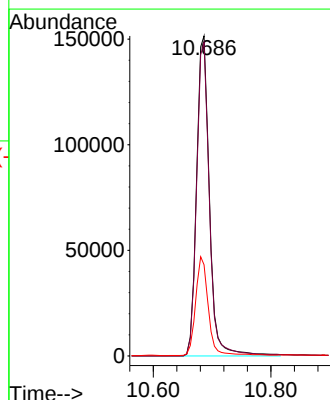
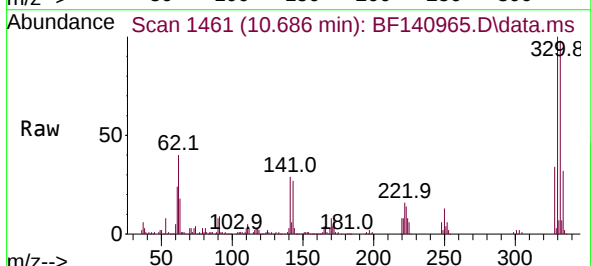
RT: 10.686 min Scan# 1461

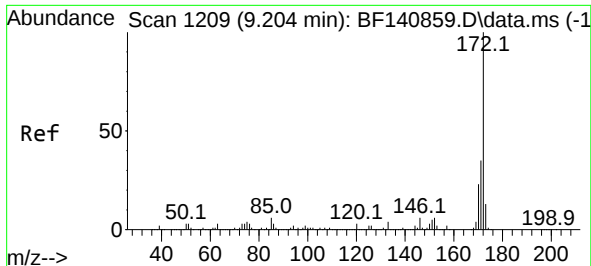
Delta R.T. 0.006 min

Lab File: BF140965.D

Acq: 23 Dec 2024 14:36

Tgt Ion:330	Resp:	230795
Ion Ratio	Lower	Upper
330	100	
332	96.7	76.2 114.4
141	30.5	24.9 37.3





#45

2-Fluorobiphenyl

Concen: 8543.505 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF140965.D

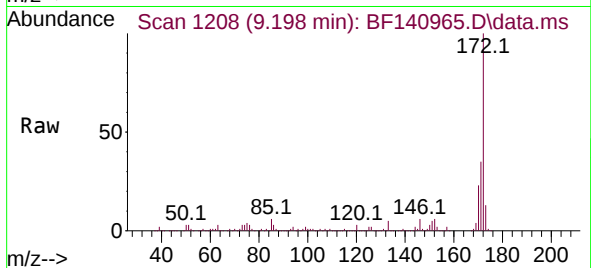
Acq: 23 Dec 2024 14:36

Instrument :

BNA_F

ClientSampleId :

ETGI-328



Tgt Ion:172 Resp: 892350

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

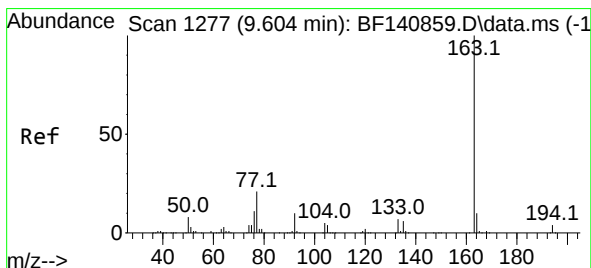
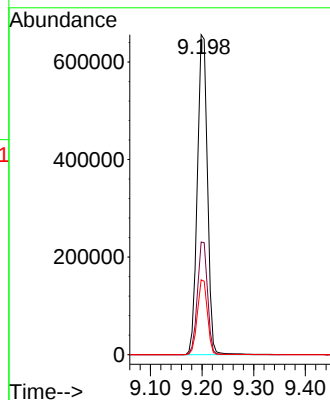
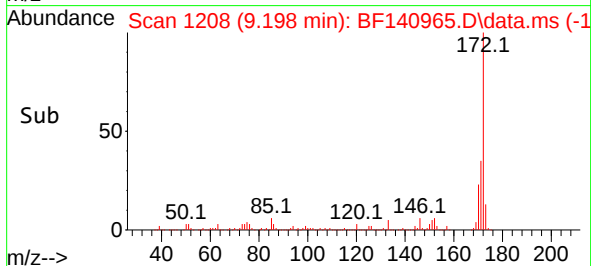
170 23.4 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/24/2024

Supervised By :mohammad ahmed 12/24/2024



#50

Dimethylphthalate

Concen: 45.900 ng

RT: 9.598 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF140965.D

Acq: 23 Dec 2024 14:36

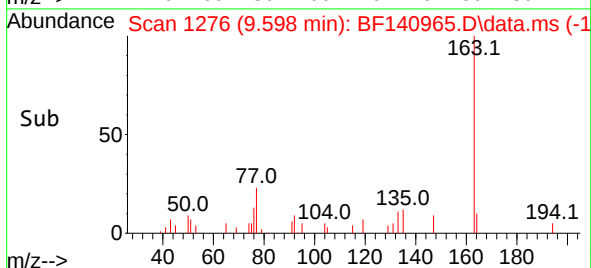
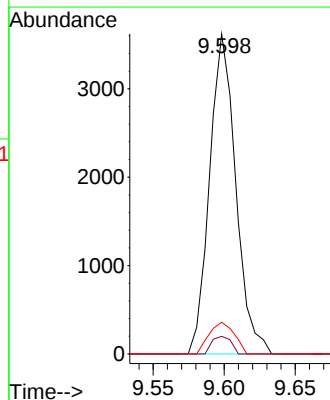
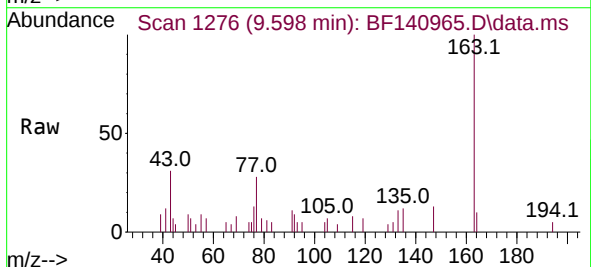
Tgt Ion:163 Resp: 4647

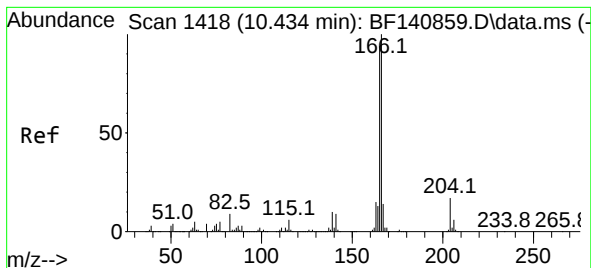
Ion Ratio Lower Upper

163 100

194 5.5 3.1 4.7#

164 9.9 8.1 12.1





#58

Fluorene

Concen: 26.566 ng m

RT: 10.433 min Scan# 1418

Delta R.T. -0.000 min

Lab File: BF140965.D

Acq: 23 Dec 2024 14:36

Instrument :

BNA_F

ClientSampleId :

ETGI-328

Tgt Ion:166 Resp: 278

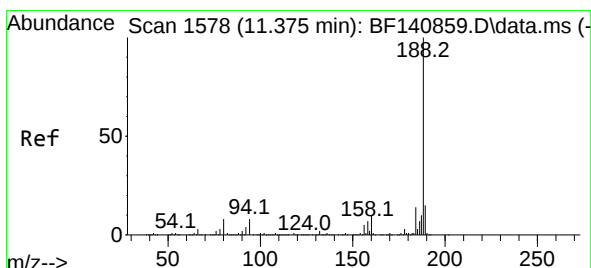
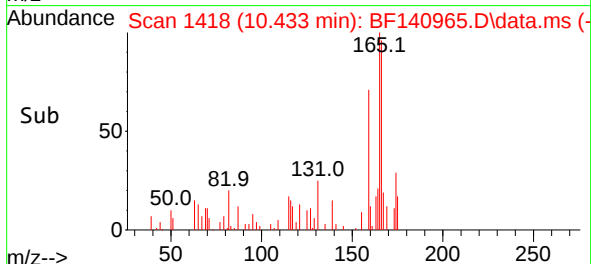
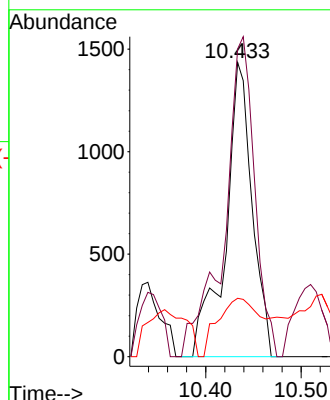
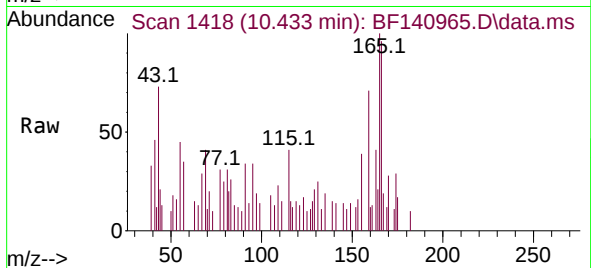
Ion	Ratio	Lower	Upper
166	100		
165	104.6	75.1	112.7
167	19.9	11.1	16.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/24/2024

Supervised By :mohammad ahmed 12/24/2024



#64

Phenanthrene-d10

Concen: 20.000 ng m

RT: 11.392 min Scan# 1581

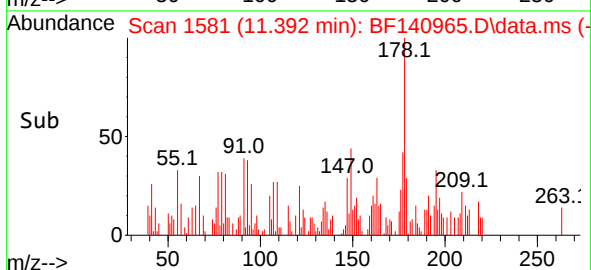
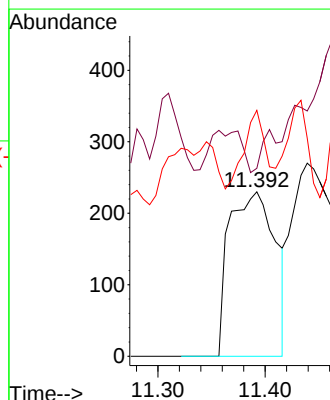
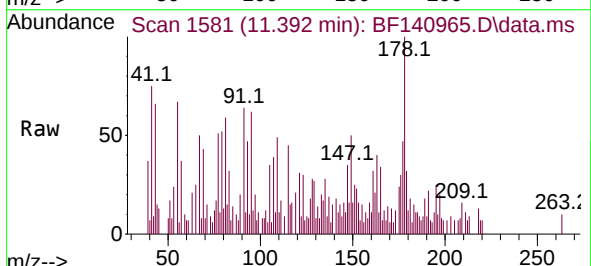
Delta R.T. 0.018 min

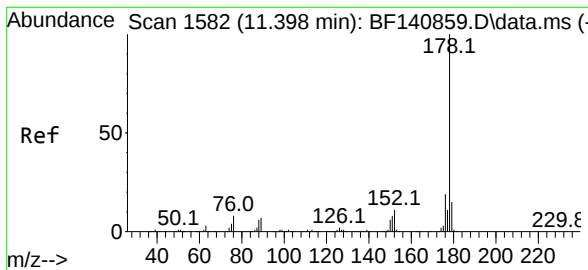
Lab File: BF140965.D

Acq: 23 Dec 2024 14:36

Tgt Ion:188 Resp: 682

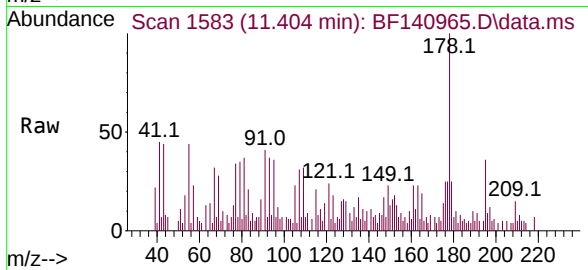
Ion	Ratio	Lower	Upper
188	100		
94	114.3	6.4	9.6#
80	149.6	6.8	10.2#





#71
Phenanthrene
Concen: 155.027 ng m
RT: 11.404 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

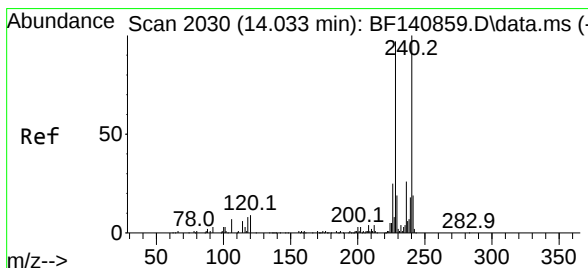
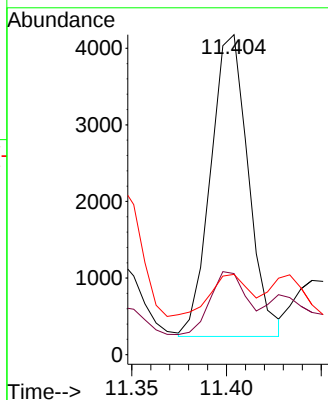
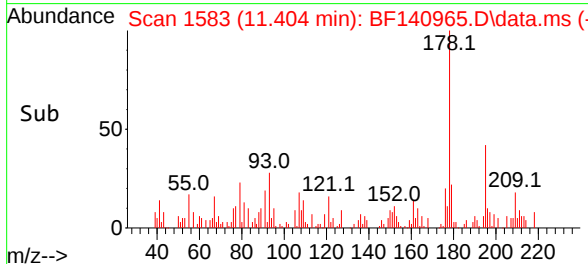
Instrument :
BNA_F
ClientSampleId :
ETGI-328



Tgt Ion:178 Resp: 543
Ion Ratio Lower Upper
178 100
176 25.4 15.4 23.2
179 25.1 12.1 18.1

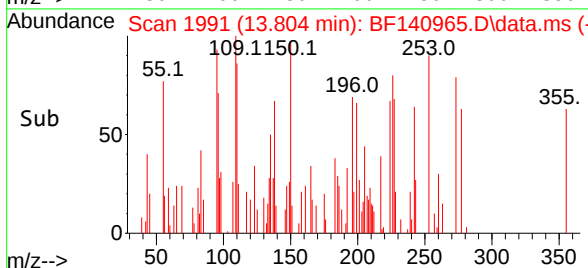
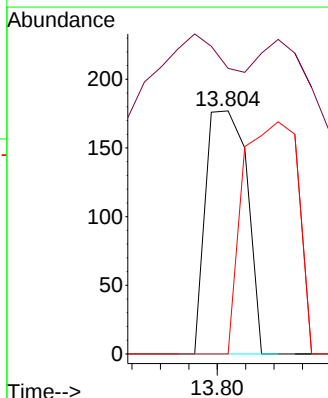
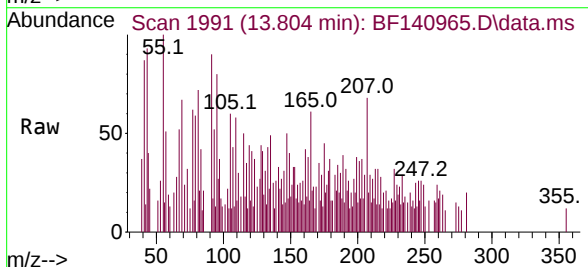
Manual Integrations
APPROVED

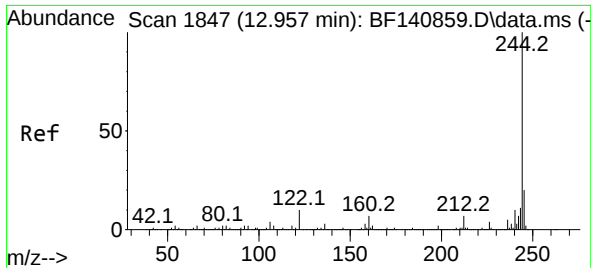
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1991
Delta R.T. -0.229 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

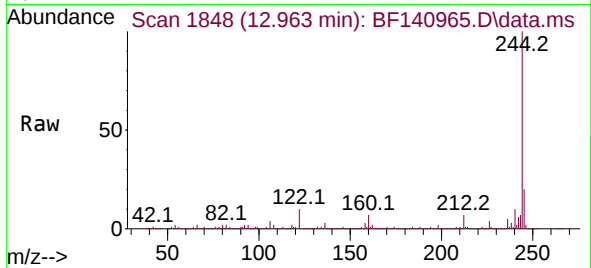
Tgt Ion:240 Resp: 177
Ion Ratio Lower Upper
240 100
120 117.5 7.6 11.4#
236 0.0 20.5 30.7#





#79
 Terphenyl-d14
 Concen: 86052.649 ng
 RT: 12.963 min Scan# 1848
 Delta R.T. 0.006 min
 Lab File: BF140965.D
 Acq: 23 Dec 2024 14:36

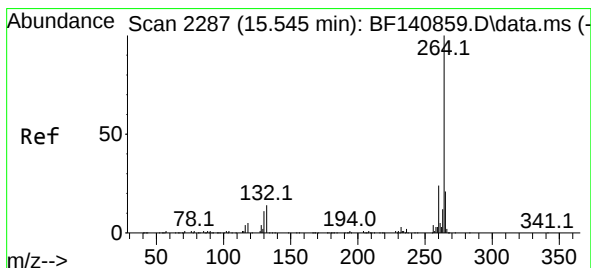
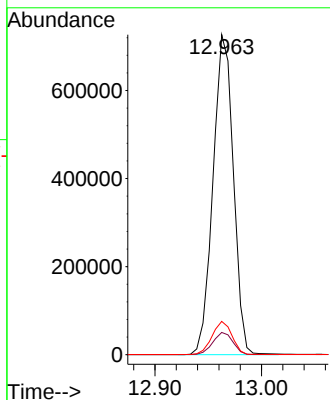
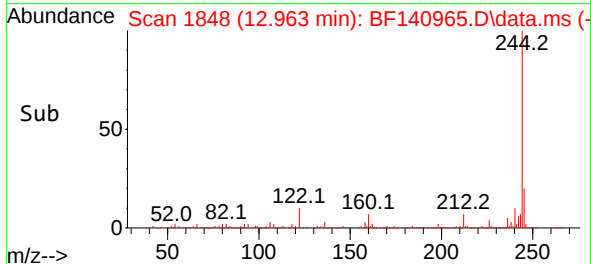
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-328



Tgt Ion:244 Resp: 96592
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.4 8.2 12.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/24/2024



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2287
 Delta R.T. -0.000 min
 Lab File: BF140965.D
 Acq: 23 Dec 2024 14:36

Tgt Ion:264 Resp: 115
 Ion Ratio Lower Upper
 264 100
 260 0.0 19.1 28.7#
 265 128.0 17.0 25.4#

