

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
 Data File : BF137479.D
 Acq On : 04 Mar 2024 14:20
 Operator : CG\JU
 Sample : P1662-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-352

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/05/2024
 Supervised By :mohammad ahmed 03/05/2024

Quant Time: Mar 04 14:41:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	210517	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	836997	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	463879	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	833398	20.000	ng	0.00
76) Chrysene-d12	14.045	240	506032	20.000	ng	0.00
86) Perylene-d12	15.574	264	437242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1228962	88.416	ng	0.00
7) Phenol-d6	6.498	99	1688516	84.157	ng	0.00
23) Nitrobenzene-d5	7.416	82	1025435	56.925	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	365124	89.630	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1681398	56.739	ng	0.00
79) Terphenyl-d14	12.992	244	1890401	51.370	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	9.922	154	316058	12.780	ng	99
55) Dibenzofuran	10.098	168	339440	9.011	ng	97
58) Fluorene	10.439	166	378024	13.068	ng	98
71) Phenanthrene	11.416	178	1721195	37.949	ng	99
72) Anthracene	11.463	178	189752	4.073	ng	99
75) Fluoranthene	12.610	202	1290331	29.105	ng	98
78) Pyrene	12.839	202	889586	17.916	ng	100
81) Benzo(a)anthracene	14.039	228	165180	4.657	ng	100
83) Chrysene	14.074	228	160293	4.472	ng	98
88) Benzo(b)fluoranthene	15.121	252	77321m	2.989	ng	

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

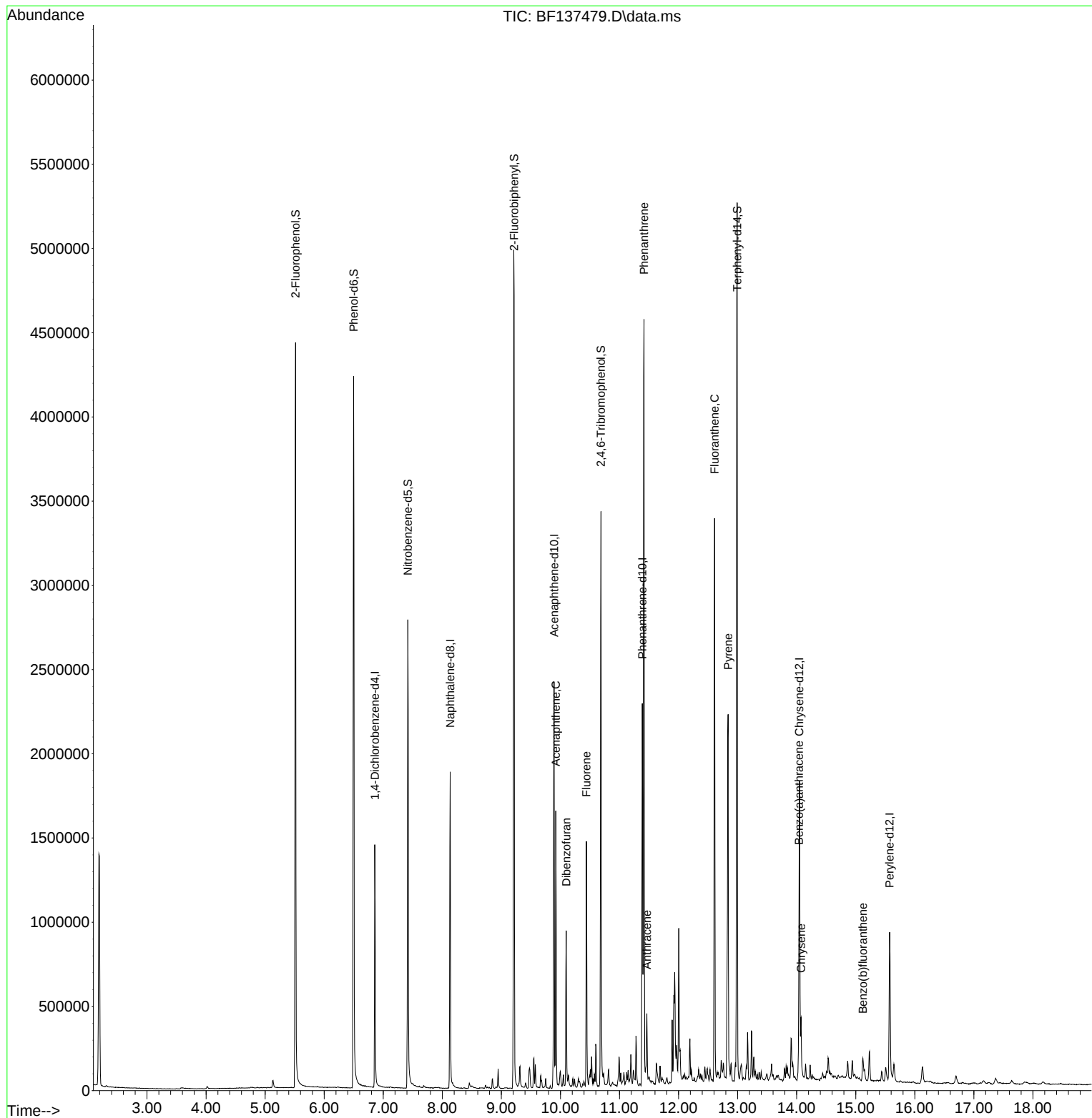
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
Data File : BF137479.D
Acq On : 04 Mar 2024 14:20
Operator : CG\JU
Sample : P1662-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

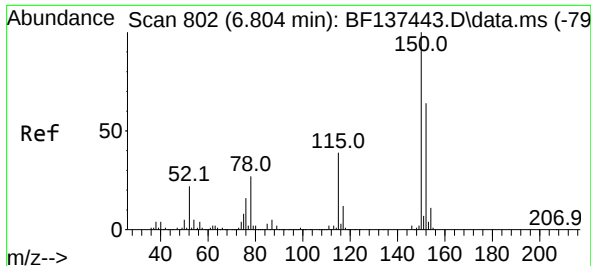
Instrument :
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Supervised By :mohammad ahmed 03/05/2024

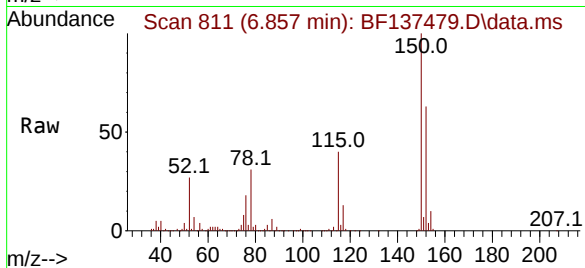
Quant Time: Mar 04 14:41:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 00:26:53 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

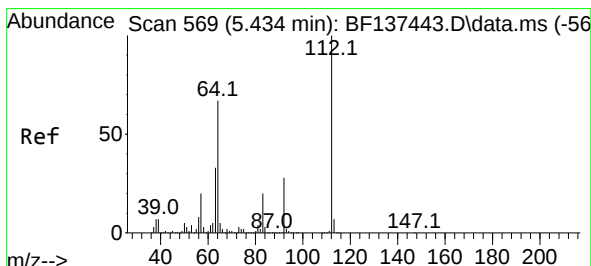
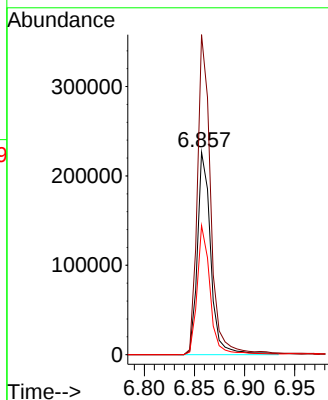
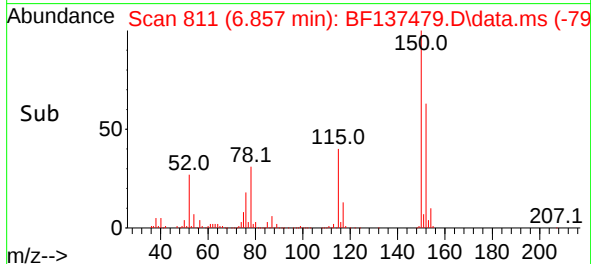
Instrument :
BNA_F
ClientSampleId :
ETGI-352



Tgt Ion:152 Resp: 21051
Ion Ratio Lower Upper
152 100
150 158.1 125.8 188.6
115 63.8 48.8 73.2

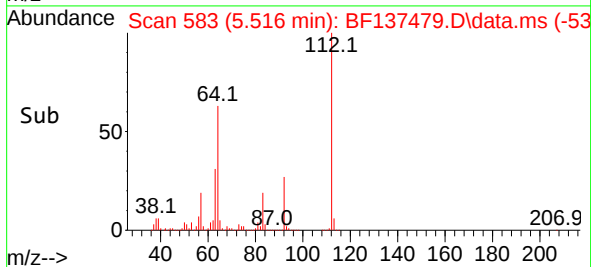
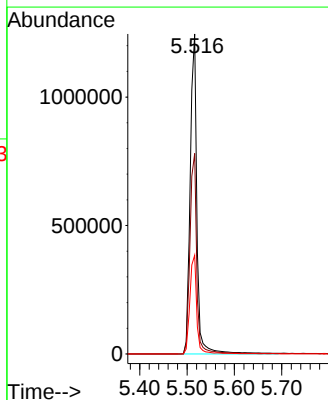
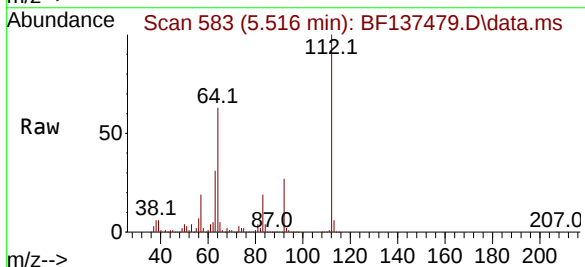
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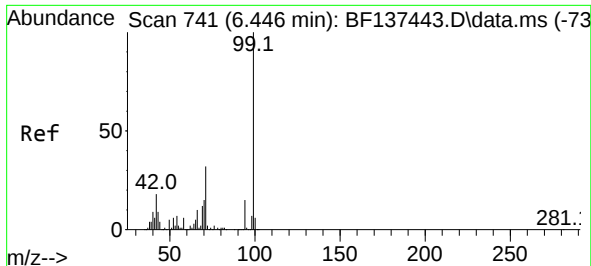
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :mohammad ahmed 03/05/2024



#5
2-Fluorophenol
Concen: 88.416 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

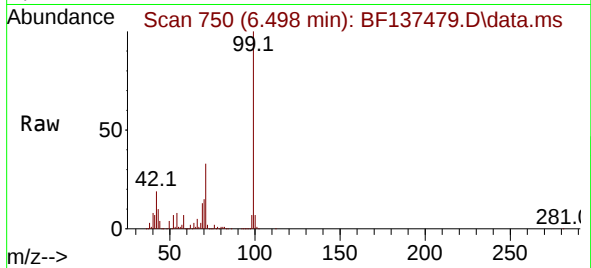
Tgt Ion:112 Resp: 1228962
Ion Ratio Lower Upper
112 100
64 62.6 53.4 80.2
63 30.9 26.2 39.2





#7
Phenol-d6
Concen: 84.157 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

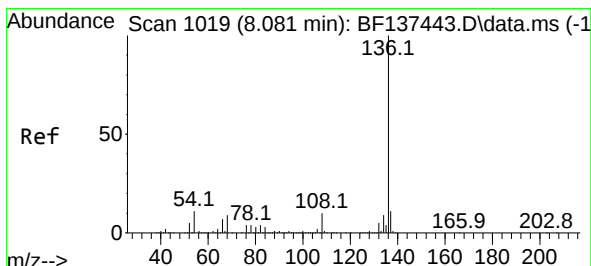
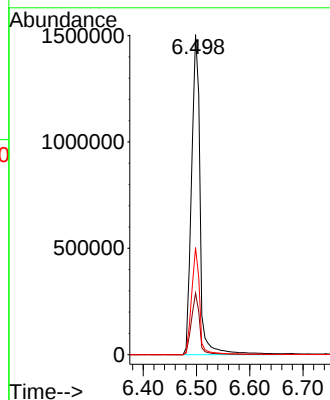
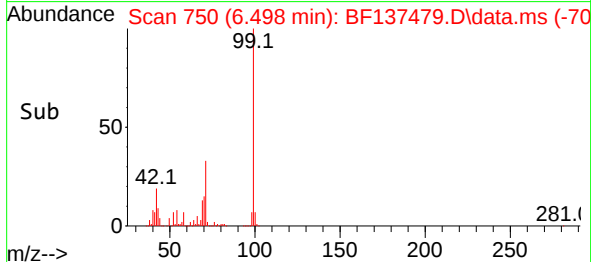
Instrument :
BNA_F
ClientSampleId :
ETGI-352



Tgt Ion: 99 Resp: 1688510
Ion Ratio Lower Upper
99 100
42 19.2 14.6 21.8
71 33.4 25.3 37.9

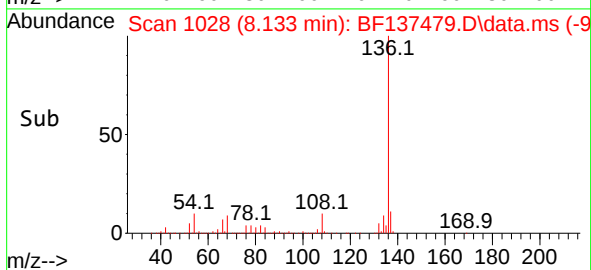
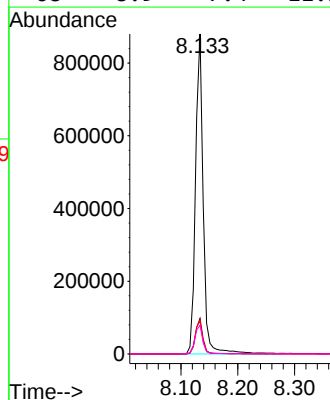
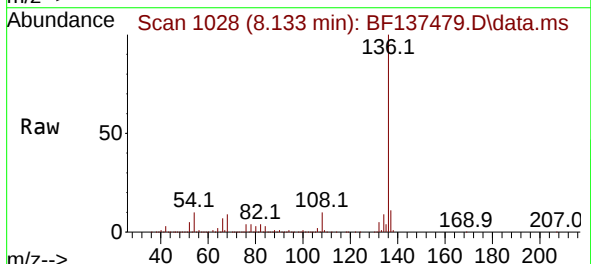
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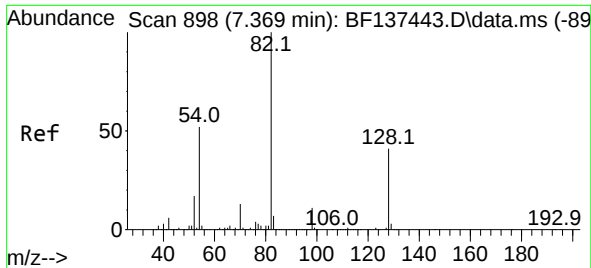
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :mohammad ahmed 03/05/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

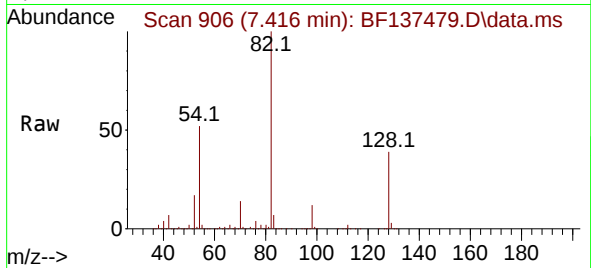
Tgt Ion:136 Resp: 836997
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.3 8.5 12.7
68 8.9 7.4 11.2





#23
Nitrobenzene-d5
Concen: 56.925 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

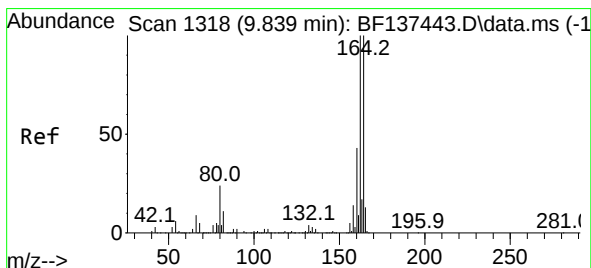
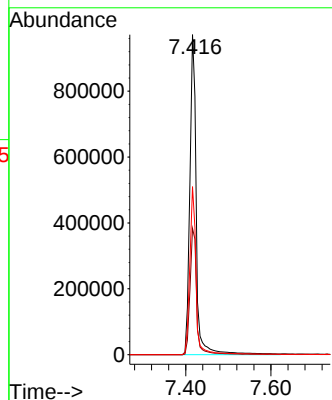
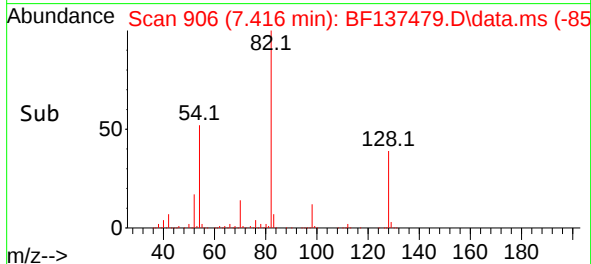
Instrument :
BNA_F
ClientSampleId :
ETGI-352



Tgt Ion: 82 Resp: 102543
Ion Ratio Lower Upper
82 100
128 39.4 32.5 48.7
54 52.5 41.5 62.3

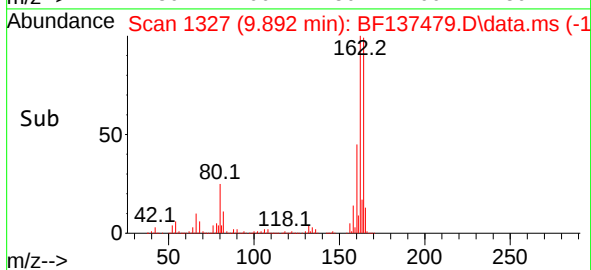
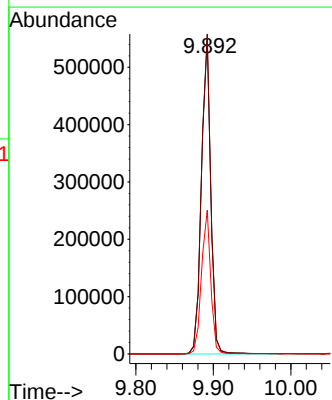
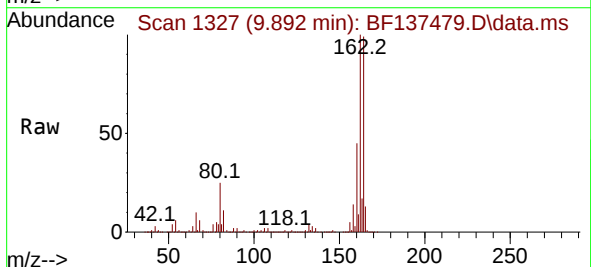
Manual Integrations
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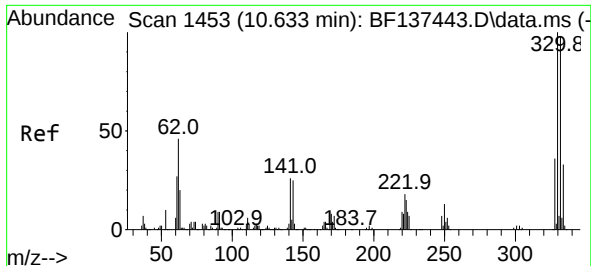
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :mohammad ahmed 03/05/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

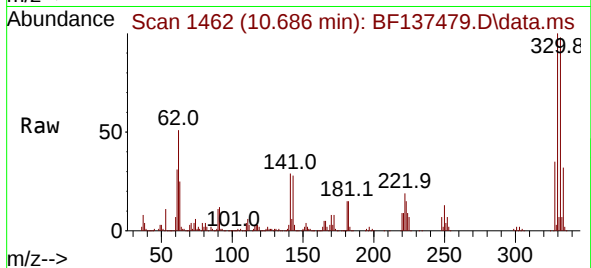
Tgt Ion:164 Resp: 463879
Ion Ratio Lower Upper
164 100
162 101.3 79.8 119.8
160 45.5 34.4 51.6





#42
2,4,6-Tribromophenol
Concen: 89.630 ng
RT: 10.686 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

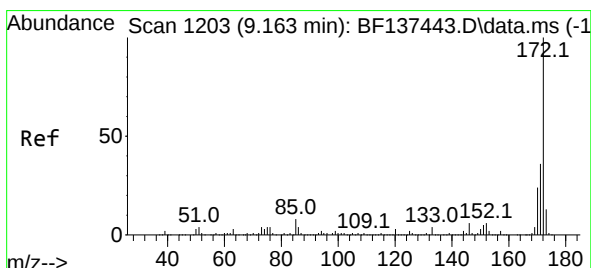
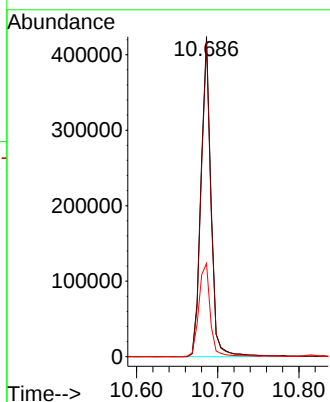
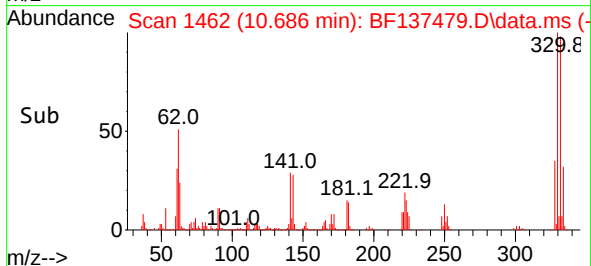
Instrument :
BNA_F
ClientSampleId :
ETGI-352



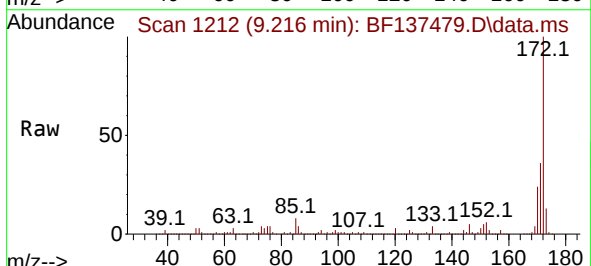
Tgt Ion:330 Resp: 365124
Ion Ratio Lower Upper
330 100
332 97.1 78.0 117.0
141 33.3 27.3 40.9

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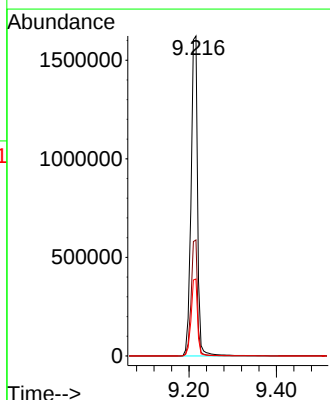
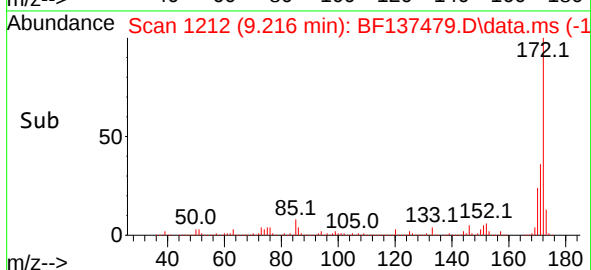
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :mohammad ahmed 03/05/2024

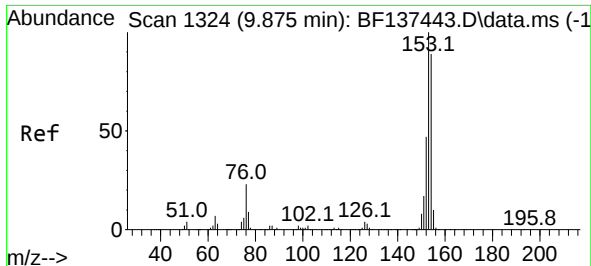


#45
2-Fluorobiphenyl
Concen: 56.739 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20



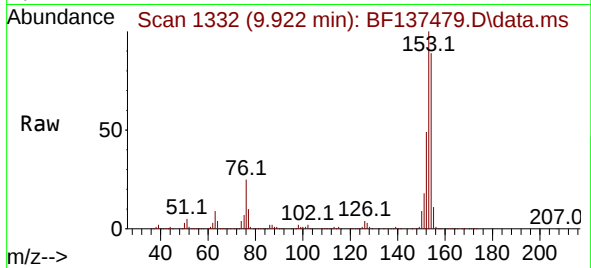
Tgt Ion:172 Resp: 1681398
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.0 19.0 28.6





#52
Acenaphthene
Concen: 12.780 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

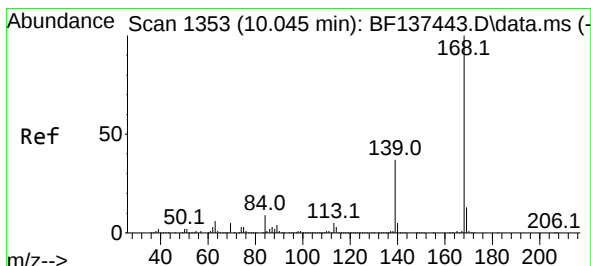
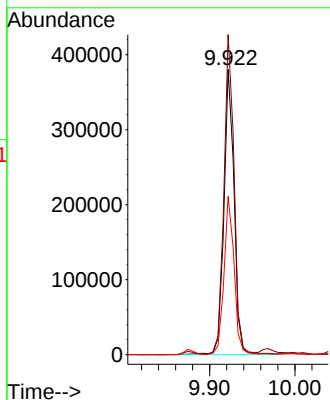
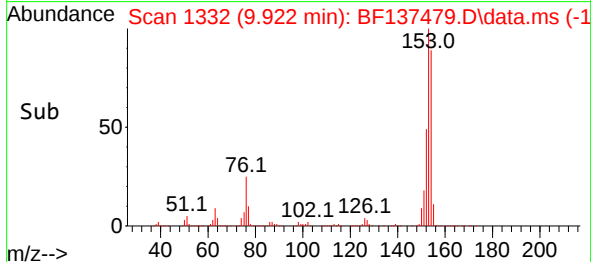
Instrument :
BNA_F
ClientSampleId :
ETGI-352



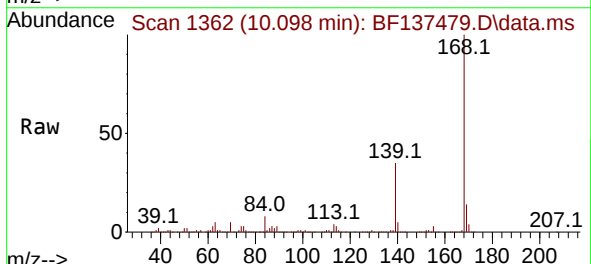
Tgt Ion:154 Resp: 316058
Ion Ratio Lower Upper
154 100
153 112.2 90.3 135.5
152 55.5 42.7 64.1

Manual Integrations
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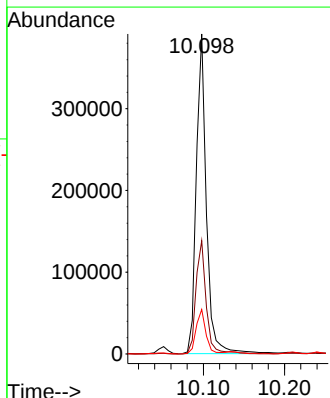
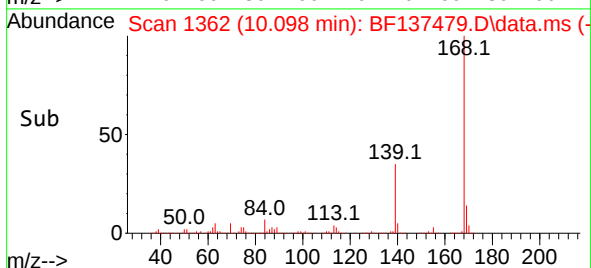
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :mohammad ahmed 03/05/2024

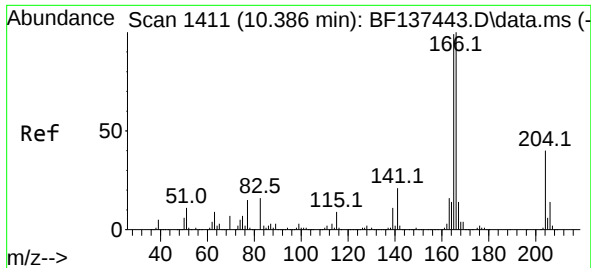


#55
Dibenzofuran
Concen: 9.011 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20



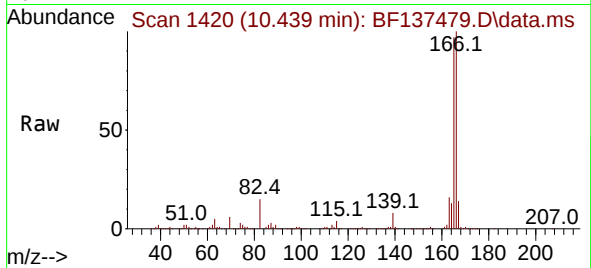
Tgt Ion:168 Resp: 339440
Ion Ratio Lower Upper
168 100
139 35.4 29.8 44.6
169 13.9 10.8 16.2





#58
Fluorene
Concen: 13.068 ng
RT: 10.439 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

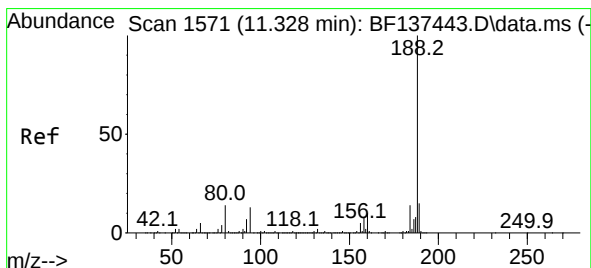
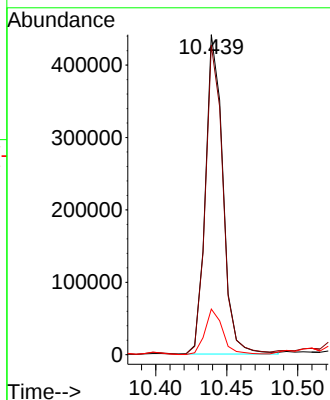
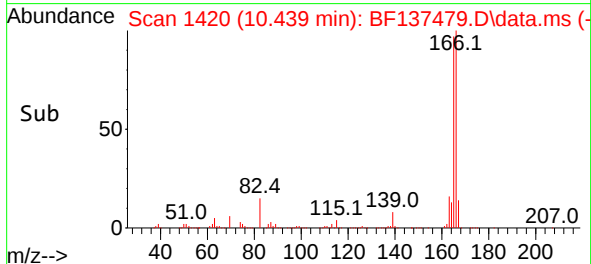
Instrument :
BNA_F
ClientSampleId :
ETGI-352



Tgt Ion:166 Resp: 378024
Ion Ratio Lower Upper
166 100
165 96.7 79.2 118.8
167 14.3 11.0 16.6

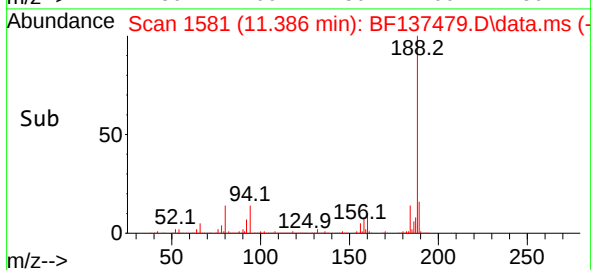
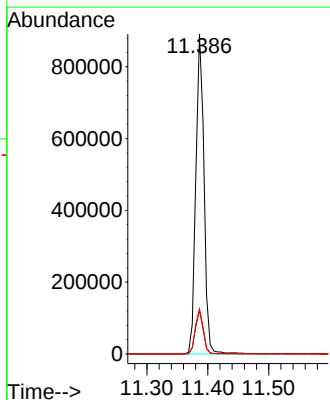
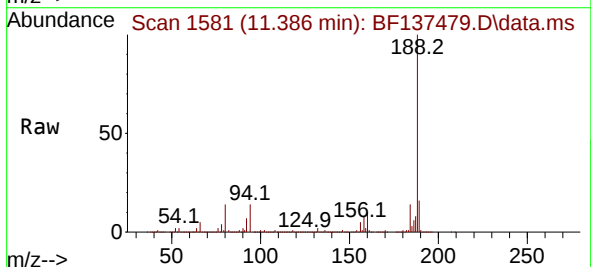
Manual Integrations
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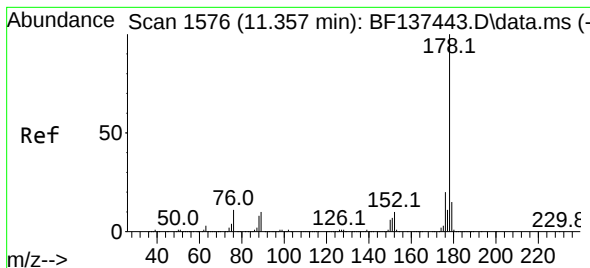
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :mohammad ahmed 03/05/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

Tgt Ion:188 Resp: 833398
Ion Ratio Lower Upper
188 100
94 13.7 10.6 15.8
80 14.1 11.5 17.3





#71

Phenanthrene

Concen: 37.949 ng

RT: 11.416 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF137479.D

Acq: 04 Mar 2024 14:20

Instrument :

BNA_F

ClientSampleId :

ETGI-352

Tgt Ion:178 Resp: 172119

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

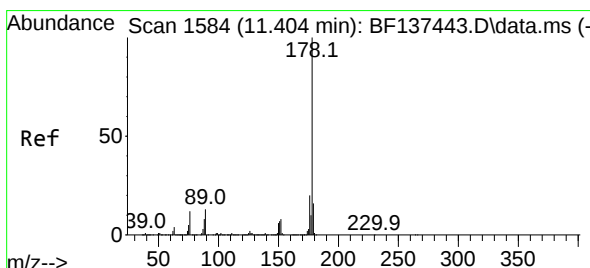
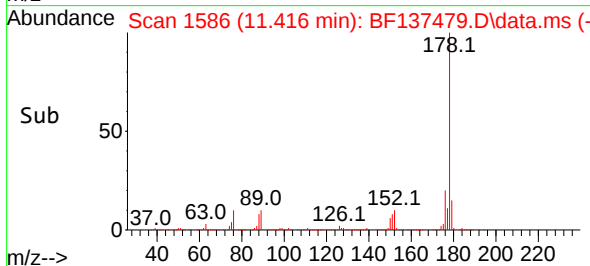
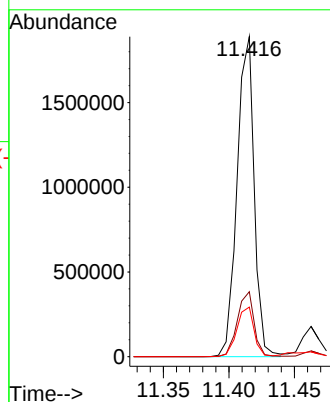
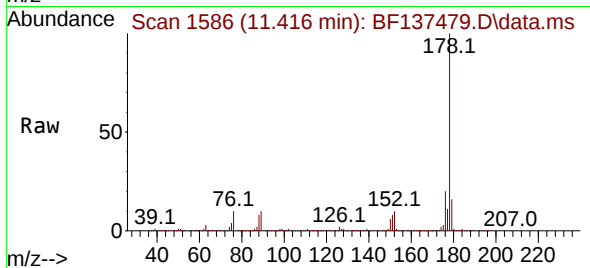
179 15.5 12.2 18.2

Manual Integrations

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Reviewed By :Yogesh Patel 03/05/2024

Supervised By :mohammad ahmed 03/05/2024



#72

Anthracene

Concen: 4.073 ng

RT: 11.463 min Scan# 1594

Delta R.T. -0.006 min

Lab File: BF137479.D

Acq: 04 Mar 2024 14:20

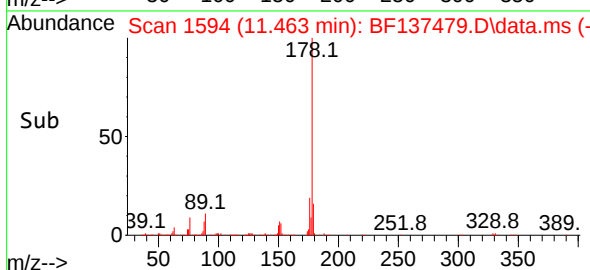
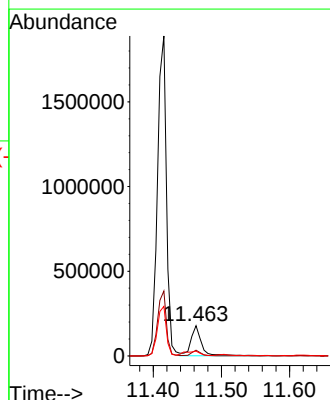
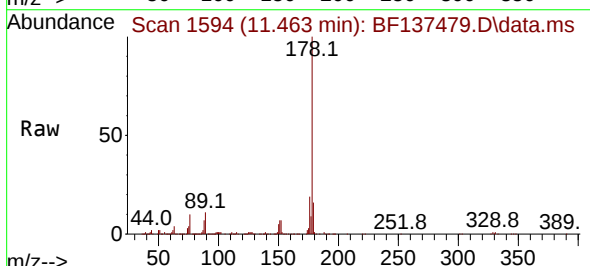
Tgt Ion:178 Resp: 189752

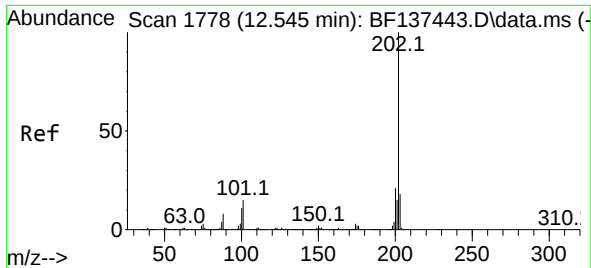
Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

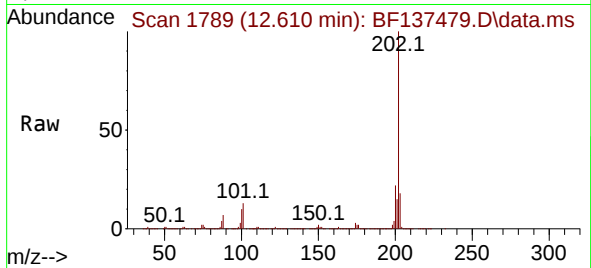
179 15.8 12.7 19.1





#75
Fluoranthene
Concen: 29.105 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

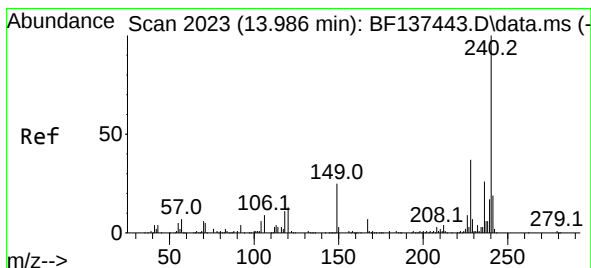
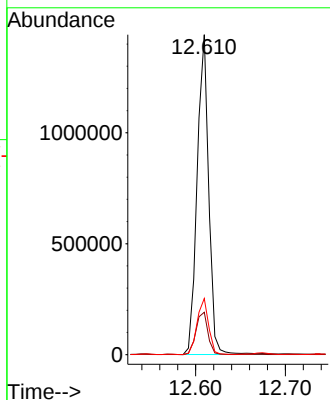
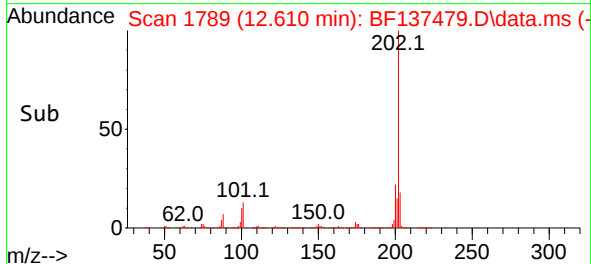
Instrument :
BNA_F
ClientSampleId :
ETGI-352



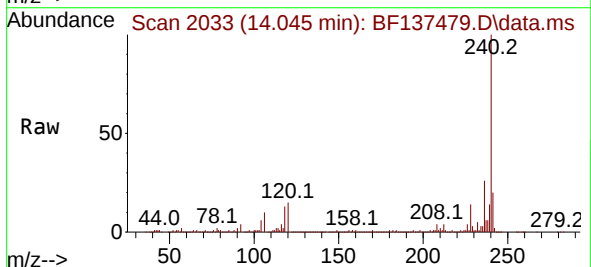
Tgt Ion:202 Resp: 129033
Ion Ratio Lower Upper
202 100
101 13.2 0.0 35.0
203 17.5 0.0 37.7

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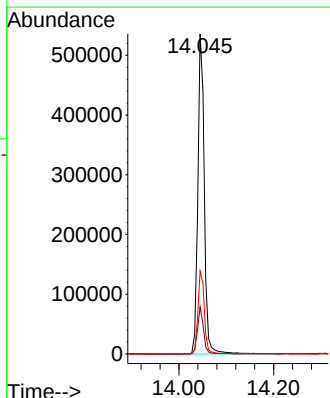
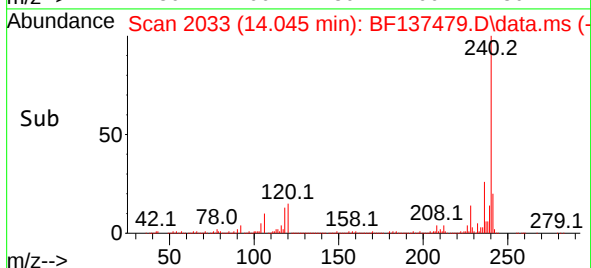
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :mohammad ahmed 03/05/2024

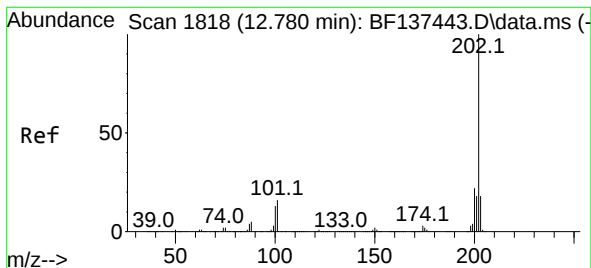


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20



Tgt Ion:240 Resp: 506032
Ion Ratio Lower Upper
240 100
120 14.7 10.4 15.6
236 25.9 20.9 31.3





#78

Pyrene

Concen: 17.916 ng

RT: 12.839 min Scan# 1828

Delta R.T. -0.000 min

Lab File: BF137479.D

Acq: 04 Mar 2024 14:20

Instrument :

BNA_F

ClientSampleId :

ETGI-352

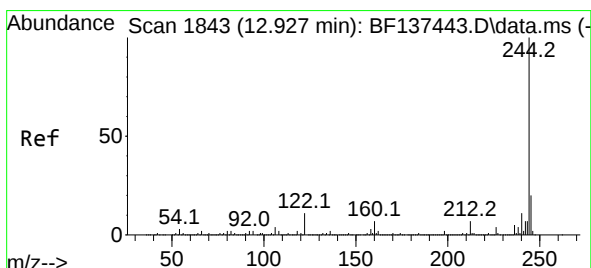
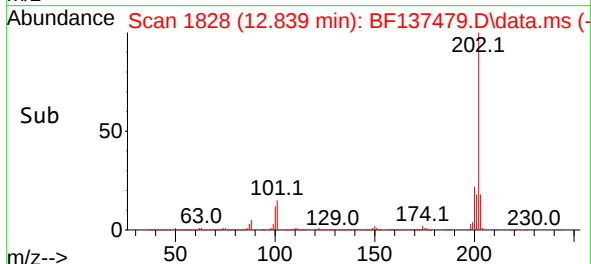
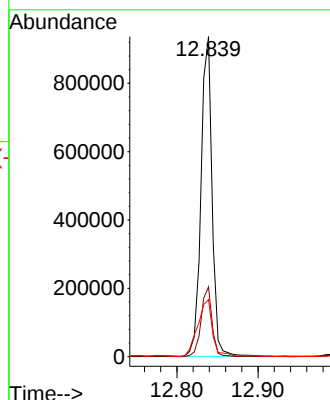
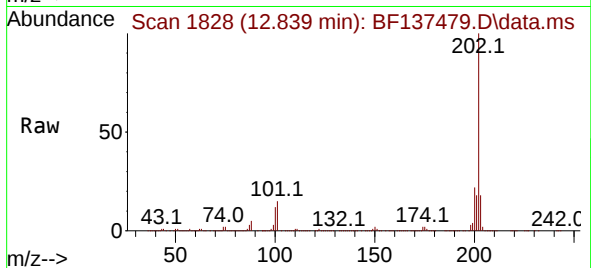
Tgt Ion:202 Resp: 889580
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.4 26.2
 203 17.9 14.1 21.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/05/2024

Supervised By :mohammad ahmed 03/05/2024



#79

Terphenyl-d14

Concen: 51.370 ng

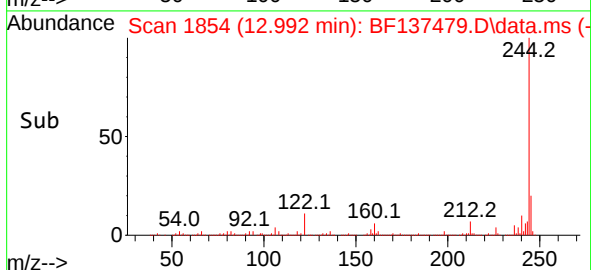
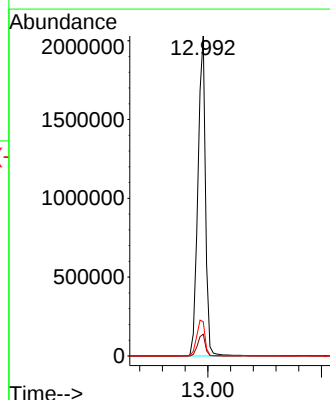
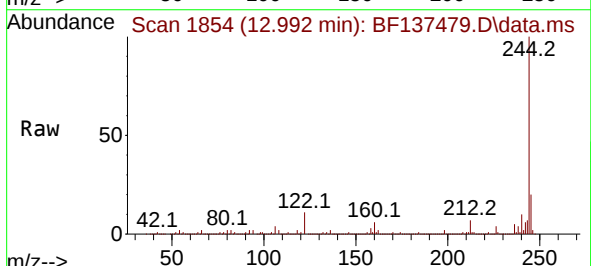
RT: 12.992 min Scan# 1854

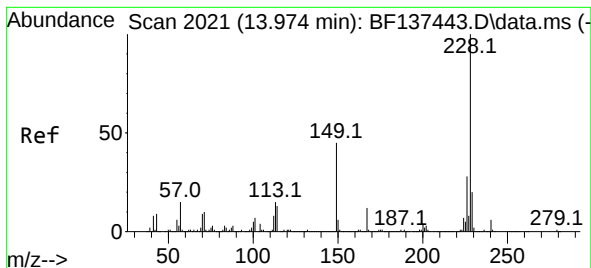
Delta R.T. -0.000 min

Lab File: BF137479.D

Acq: 04 Mar 2024 14:20

Tgt Ion:244 Resp: 1890401
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.7 9.1 13.7





#81

Benzo(a)anthracene

Concen: 4.657 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF137479.D

Acq: 04 Mar 2024 14:20

Instrument :

BNA_F

ClientSampleId :

ETGI-352

Tgt Ion:228 Resp: 165180

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

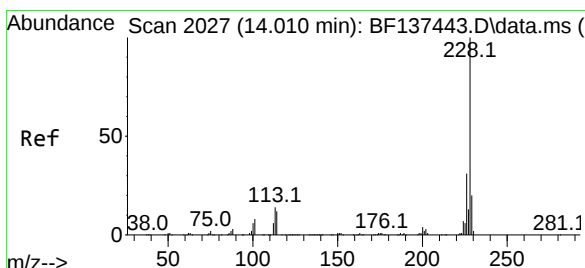
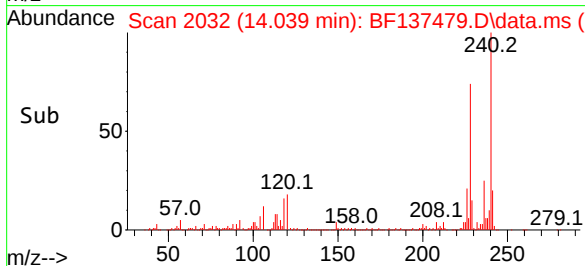
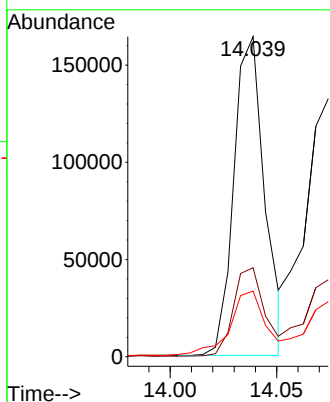
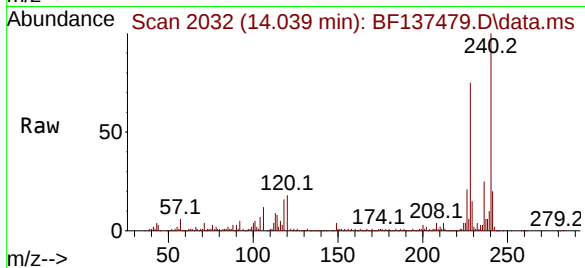
229 20.5 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/05/2024

Supervised By :mohammad ahmed 03/05/2024



#83

Chrysene

Concen: 4.472 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF137479.D

Acq: 04 Mar 2024 14:20

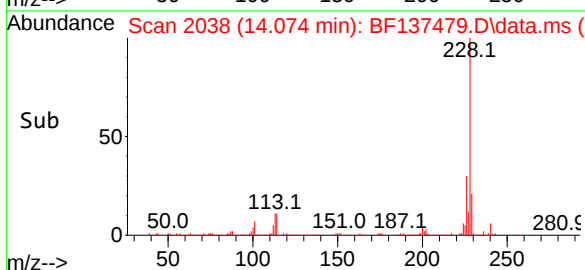
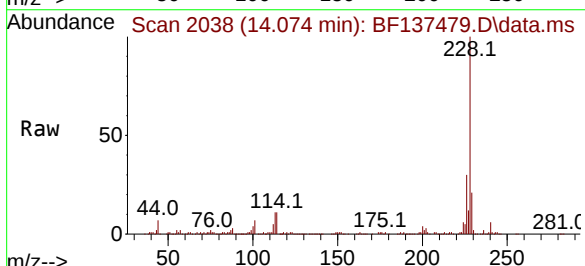
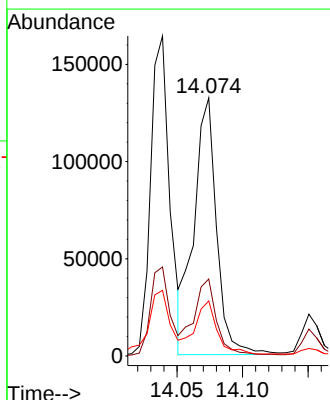
Tgt Ion:228 Resp: 160293

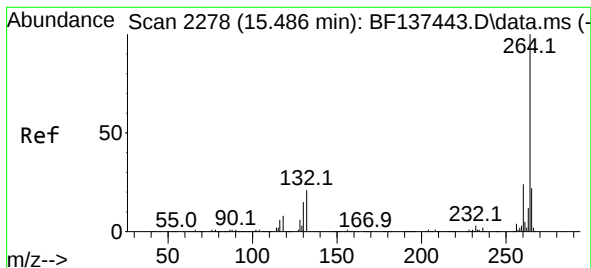
Ion Ratio Lower Upper

228 100

226 29.8 24.7 37.1

229 21.3 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137479.D

Acq: 04 Mar 2024 14:20

Instrument :

BNA_F

ClientSampleId :

ETGI-352

Tgt Ion:264 Resp: 43724

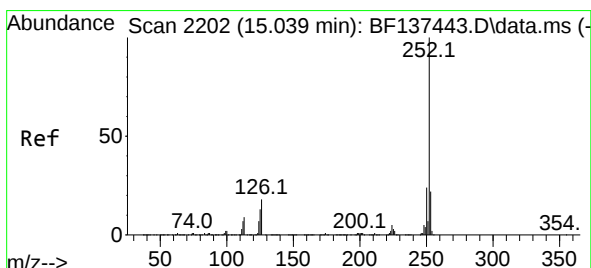
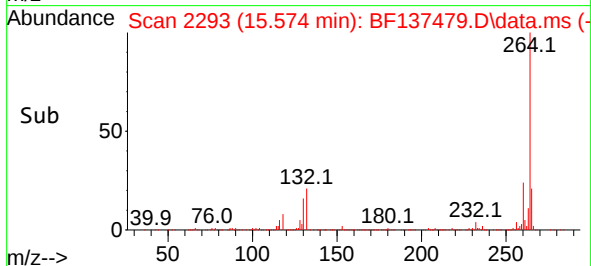
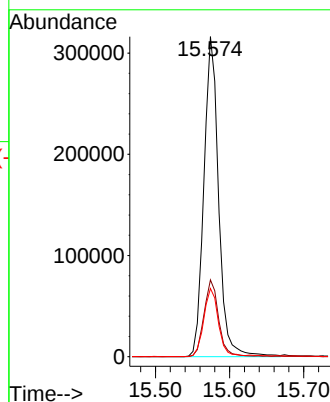
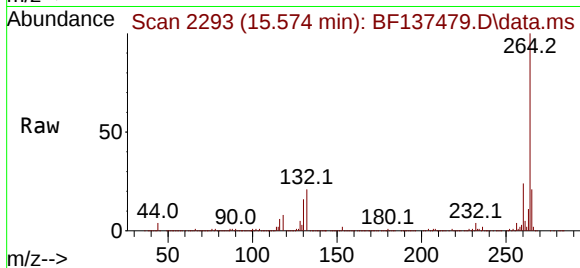
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.3	17.4	26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/05/2024

Supervised By :mohammad ahmed 03/05/2024



#88

Benzo(b)fluoranthene

Concen: 2.989 ng m

RT: 15.121 min Scan# 2216

Delta R.T. 0.006 min

Lab File: BF137479.D

Acq: 04 Mar 2024 14:20

Tgt Ion:252 Resp: 77321

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	12.2	10.1	15.1

