

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
 Data File : BF135069.D
 Acq On : 01 Sep 2023 11:27
 Operator : CG\JU
 Sample : 04219-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-350

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/04/2023
 Supervised By :mohammad ahmed 09/04/2023

Quant Time: Sep 01 12:03:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	106175	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	418365	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	190509	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	298975	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	219156	20.000	ng	0.00
86) Perylene-d12	15.421	264	239276	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	590977	85.974	ng	0.00
7) Phenol-d6	6.410	99	771360	90.030	ng	0.00
23) Nitrobenzene-d5	7.333	82	496755	66.707	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	167935	83.099	ng	-0.01
45) 2-Fluorobiphenyl	9.127	172	878268	75.058	ng	-0.01
79) Terphenyl-d14	12.898	244	709572	52.837	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.321	178	55400	3.592	ng	98
75) Fluoranthene	12.515	202	131761	8.449	ng	99
78) Pyrene	12.745	202	121536	5.841	ng	100
81) Benzo(a)anthracene	13.945	228	68341	4.571	ng	96
83) Chrysene	13.980	228	75703	5.153	ng	96
87) Indeno(1,2,3-cd)pyrene	16.892	276	34422	2.136	ng	99
88) Benzo(b)fluoranthene	14.998	252	107134m	7.196	ng	
90) Benzo(a)pyrene	15.356	252	65245	4.717	ng	98
92) Benzo(g,h,i)perylene	17.339	276	33237	2.448	ng	96

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

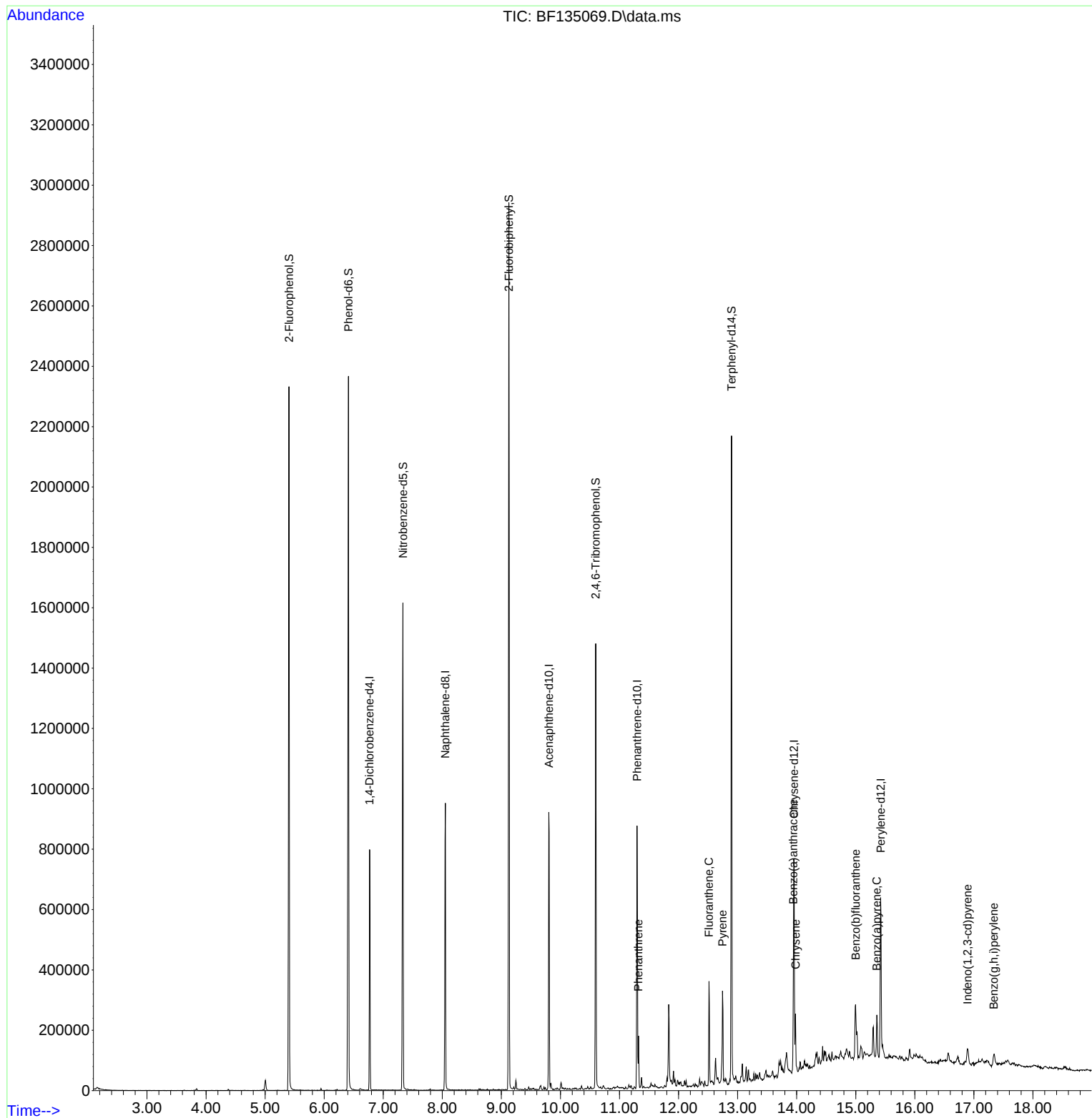
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
Data File : BF135069.D
Acq On : 01 Sep 2023 11:27
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ALS Vial : 4 Sample Multiplier: 1

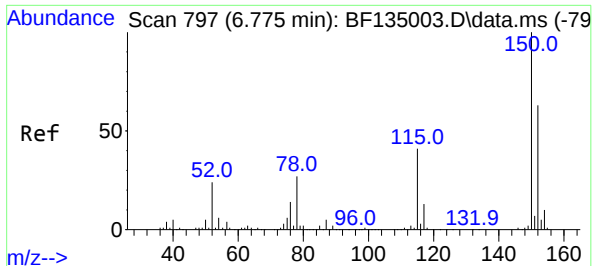
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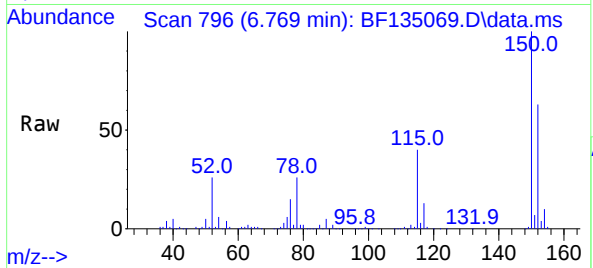
Quant Time: Sep 01 12:03:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135069.D
Acq: 01 Sep 2023 11:27

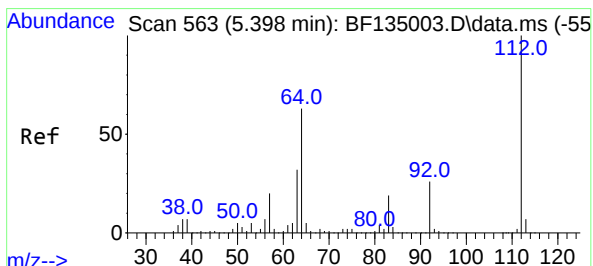
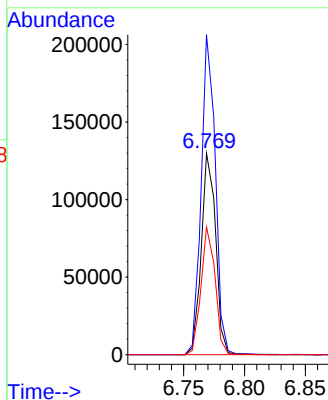
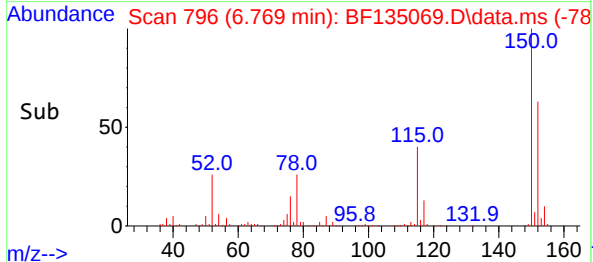
Instrument :
BNA_F
ClientSampleId :
ETGI-350



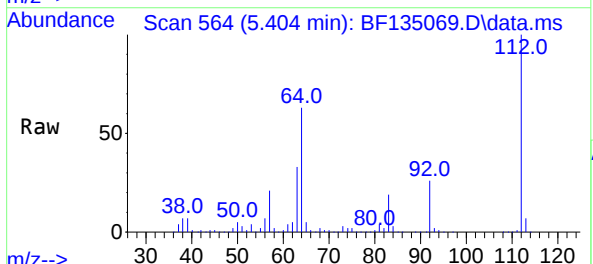
Tgt Ion:152 Resp: 106179
Ion Ratio Lower Upper
152 100
150 159.0 126.2 189.4
115 63.4 51.2 76.8

Manual Integrations
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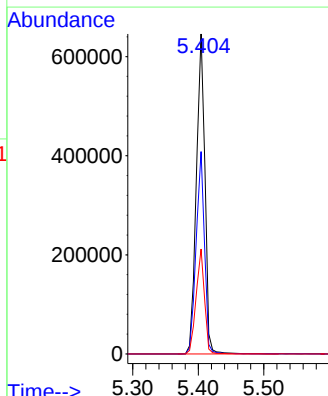
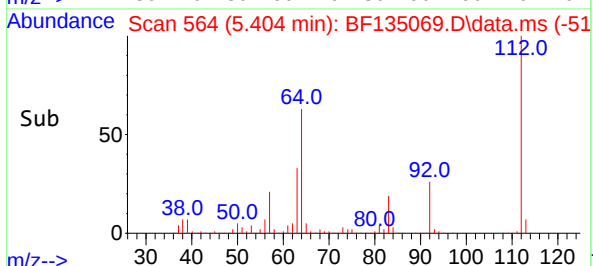
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/04/2023

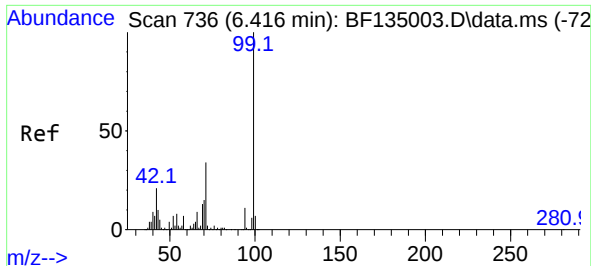


#5
2-Fluorophenol
Concen: 85.974 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135069.D
Acq: 01 Sep 2023 11:27



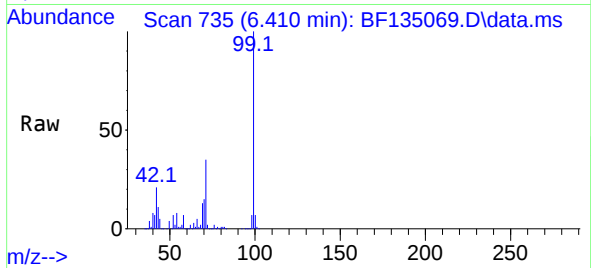
Tgt Ion:112 Resp: 590977
Ion Ratio Lower Upper
112 100
64 63.2 50.5 75.7
63 32.8 25.9 38.9





#7
Phenol-d6
Concen: 90.030 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135069.D
Acq: 01 Sep 2023 11:27

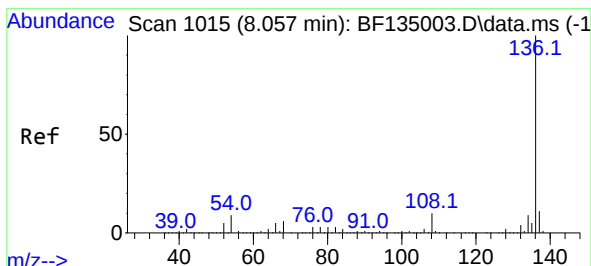
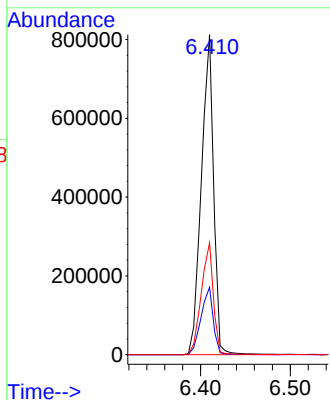
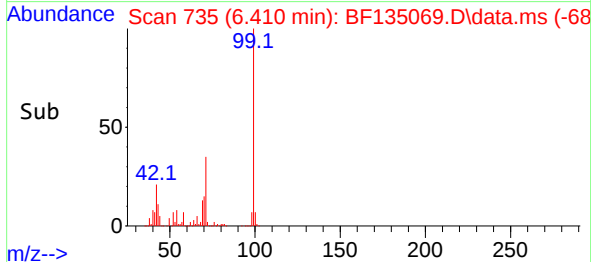
Instrument :
BNA_F
ClientSampleId :
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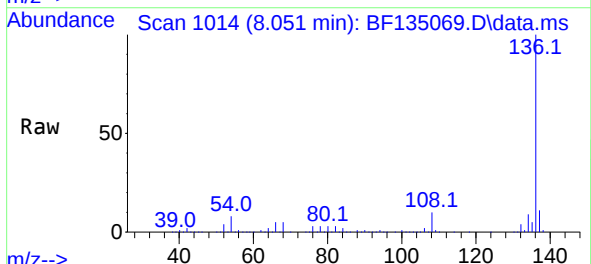
Tgt Ion: 99 Resp: 771360
Ion Ratio Lower Upper
99 100
42 21.1 16.6 25.0
71 35.0 27.0 40.6

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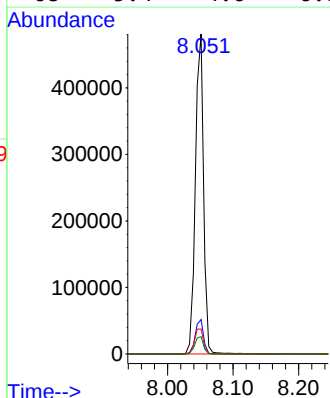
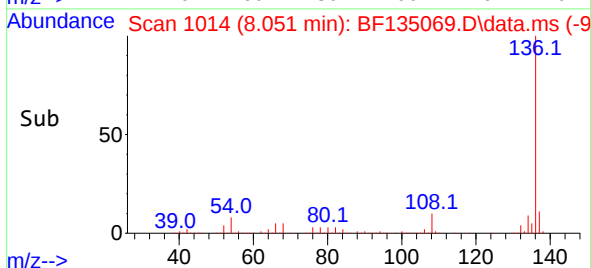
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/04/2023

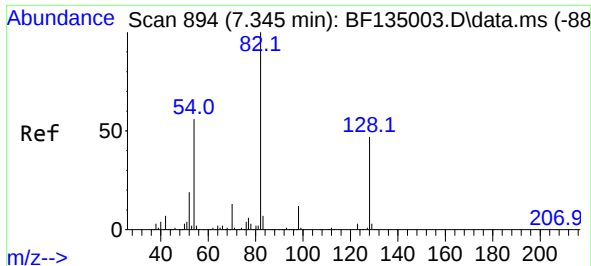


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135069.D
Acq: 01 Sep 2023 11:27



Tgt Ion:136 Resp: 418365
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.8 7.0 10.4
68 5.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 66.707 ng

RT: 7.333 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135069.D

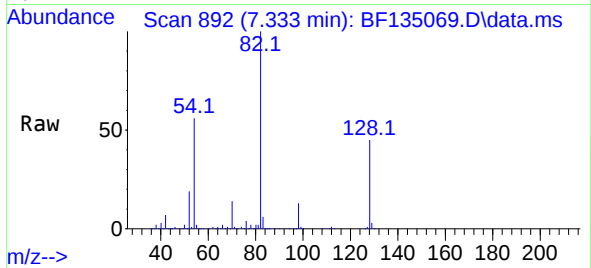
Acq: 01 Sep 2023 11:27

Instrument :

BNA_F

ClientSampleId :

ETGI-350



Tgt Ion: 82 Resp: 49675

Ion Ratio Lower Upper

82 100

128 45.3 37.8 56.8

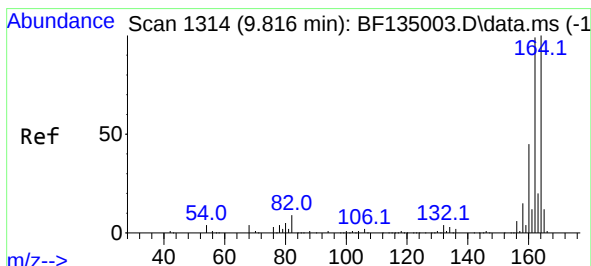
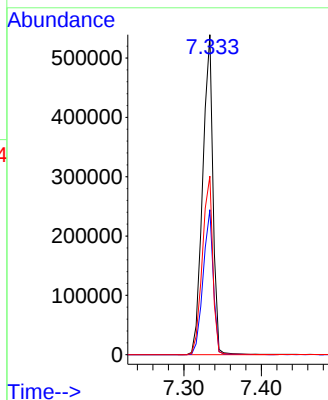
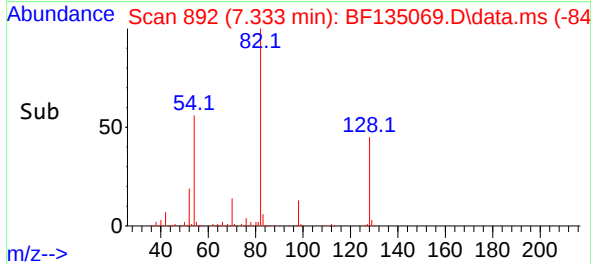
54 55.8 45.0 67.6

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.804 min Scan# 1312

Delta R.T. -0.012 min

Lab File: BF135069.D

Acq: 01 Sep 2023 11:27

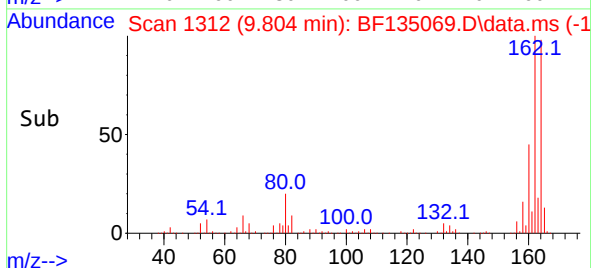
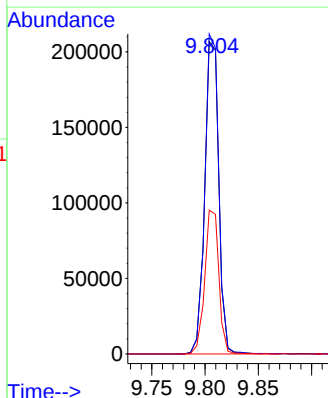
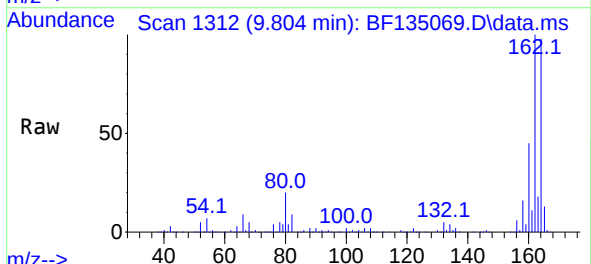
Tgt Ion:164 Resp: 190509

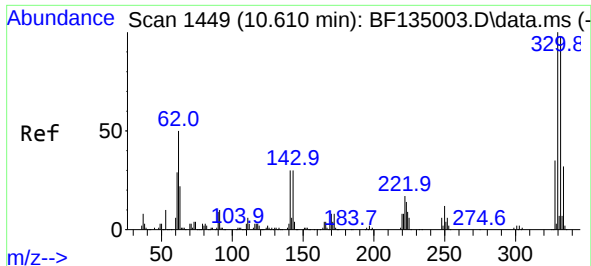
Ion Ratio Lower Upper

164 100

162 102.4 79.5 119.3

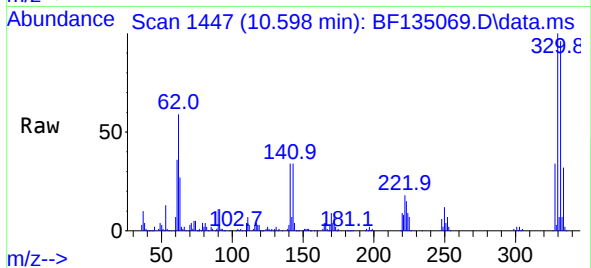
160 46.0 36.0 54.0





#42
2,4,6-Tribromophenol
Concen: 83.099 ng
RT: 10.598 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF135069.D
Acq: 01 Sep 2023 11:27

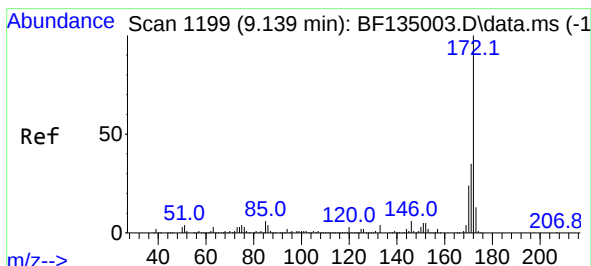
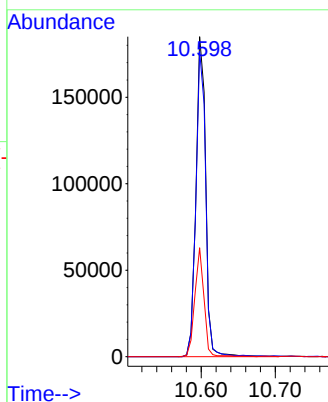
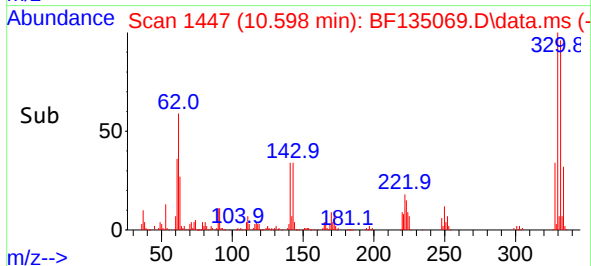
Instrument :
BNA_F
ClientSampleId :
ETGI-350



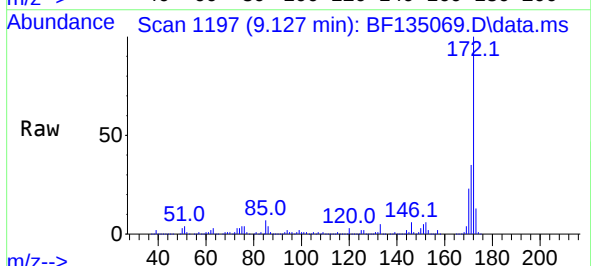
Tgt Ion:330 Resp: 167938
Ion Ratio Lower Upper
330 100
332 96.1 77.6 116.4
141 32.4 26.3 39.5

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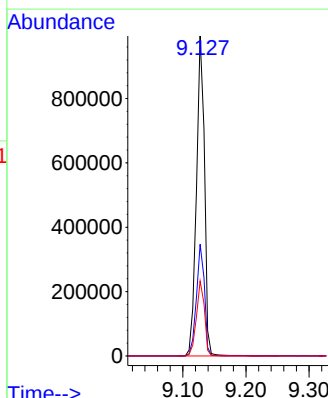
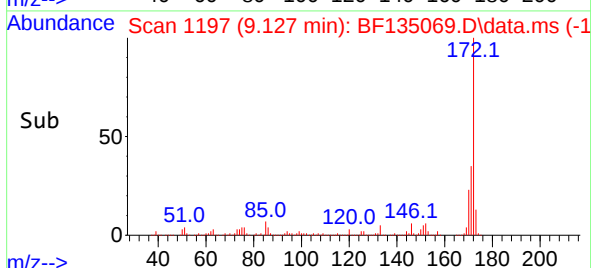
Reviewed By :Yogesh Patel 09/04/2023
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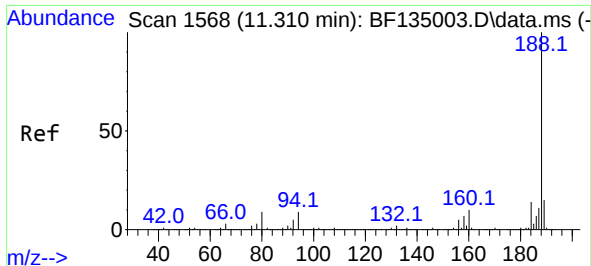


#45
2-Fluorobiphenyl
Concen: 75.058 ng
RT: 9.127 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF135069.D
Acq: 01 Sep 2023 11:27



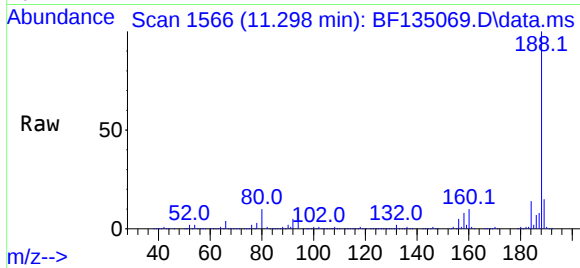
Tgt Ion:172 Resp: 878268
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.5 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF135069.D
Acq: 01 Sep 2023 11:27

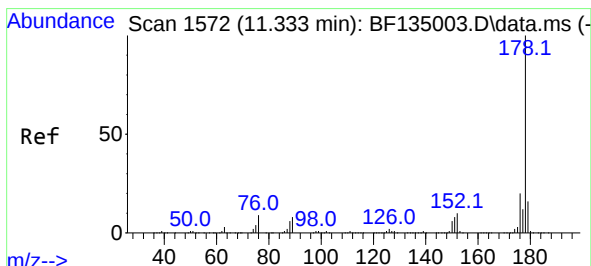
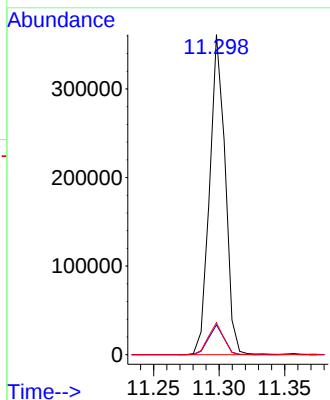
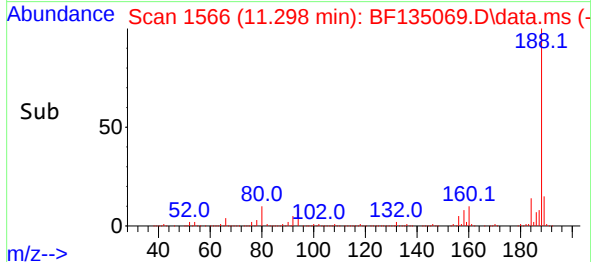
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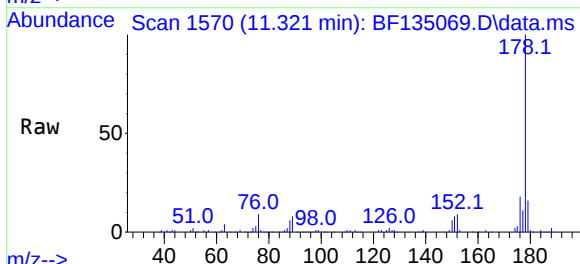
Tgt Ion:188 Resp: 298975
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 10.0 7.4 11.2

Manual Integrations
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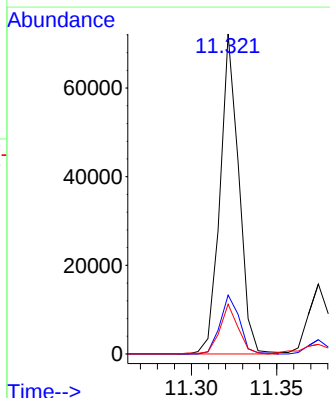
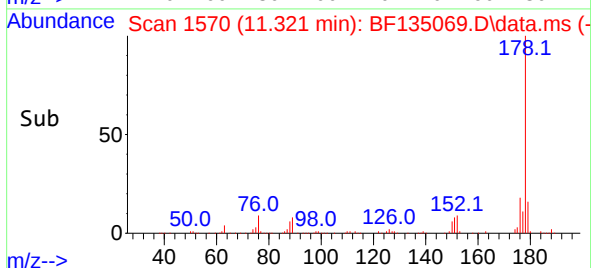
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/04/2023

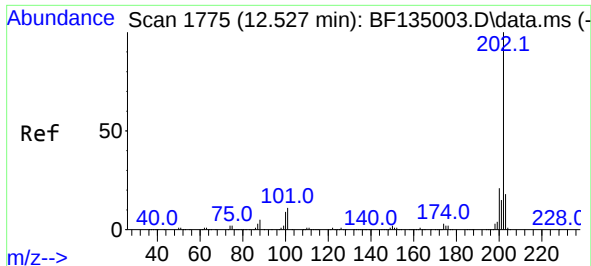


#71
Phenanthrene
Concen: 3.592 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF135069.D
Acq: 01 Sep 2023 11:27



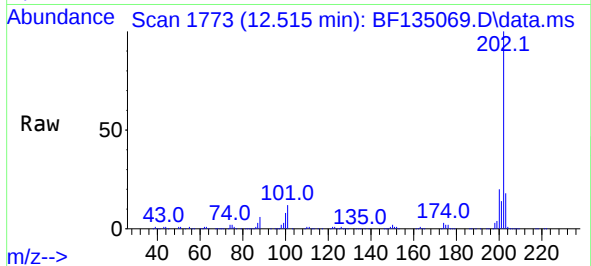
Tgt Ion:178 Resp: 55400
Ion Ratio Lower Upper
178 100
176 18.4 15.9 23.9
179 15.6 12.5 18.7





#75
Fluoranthene
Concen: 8.449 ng
RT: 12.515 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135069.D
Acq: 01 Sep 2023 11:27

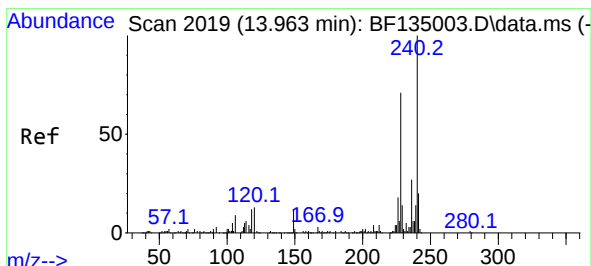
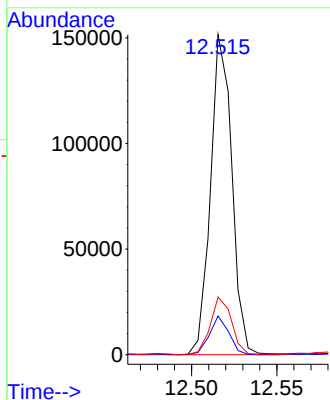
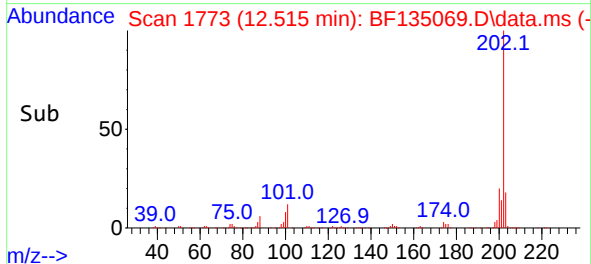
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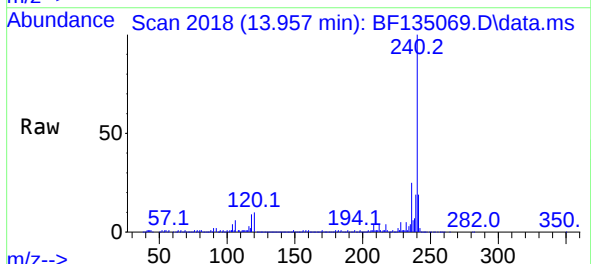
Tgt Ion:202 Resp: 13176
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.5
203 18.0 0.0 37.8

Manual Integrations
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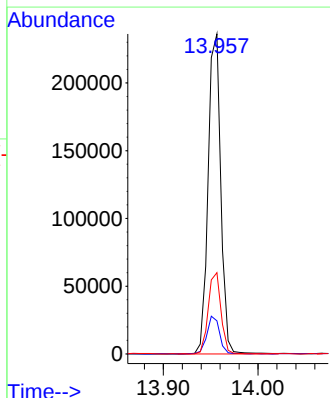
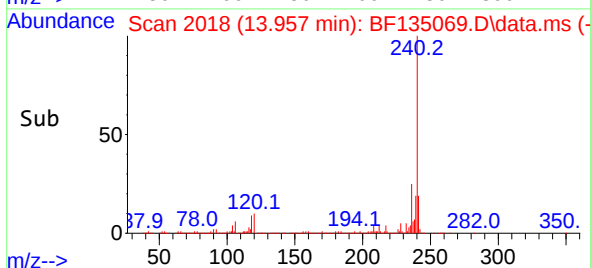
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/04/2023

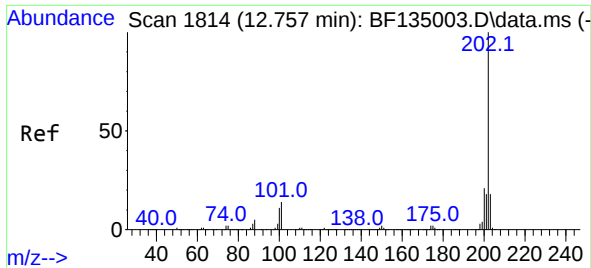


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135069.D
Acq: 01 Sep 2023 11:27



Tgt Ion:240 Resp: 219156
Ion Ratio Lower Upper
240 100
120 10.4 10.2 15.2
236 25.4 21.3 31.9





#78
Pyrene
Concen: 5.841 ng
RT: 12.745 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF135069.D
Acq: 01 Sep 2023 11:27

Instrument :

BNA_F

ClientSampleId :

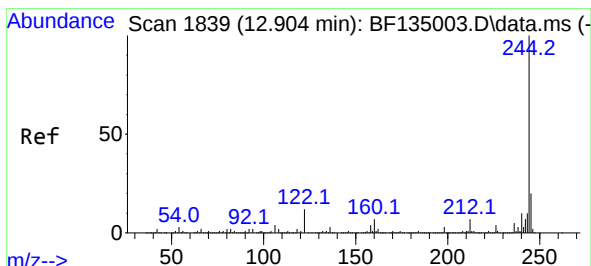
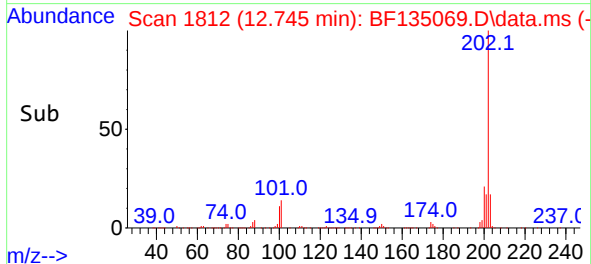
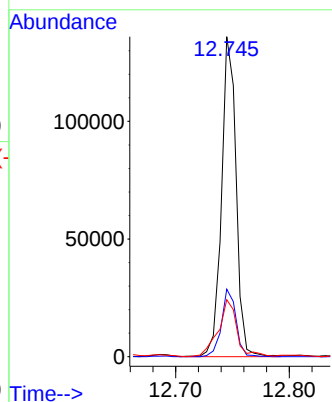
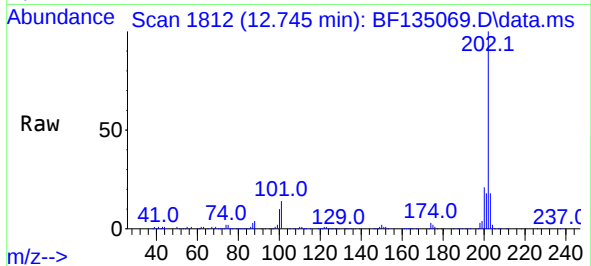
ETGI-350

Tgt Ion:202 Resp: 121530
Ion Ratio Lower Upper
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200 21.1 17.0 25.6
203 17.8 14.2 21.2

Manual Integrations

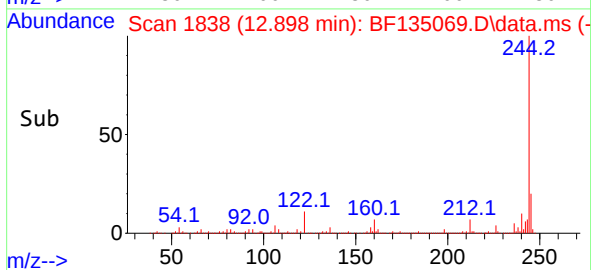
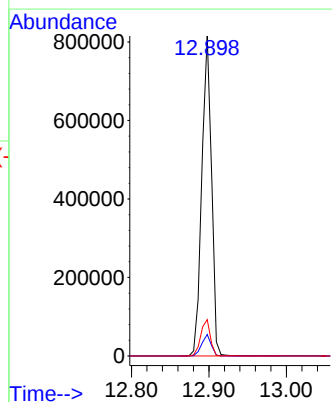
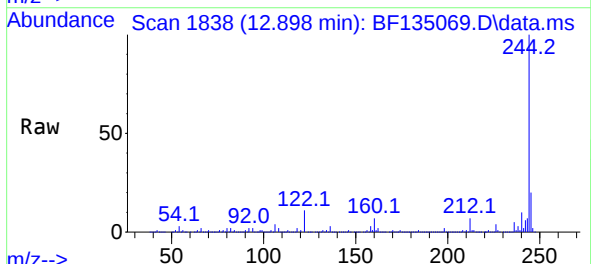
APPROVED

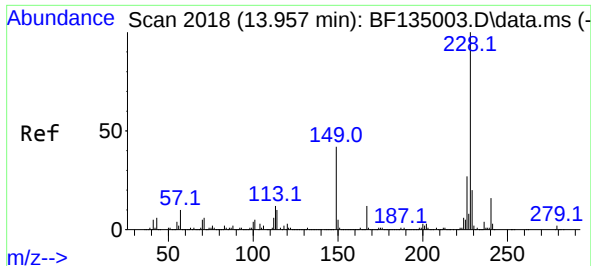
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/04/2023



#79
Terphenyl-d14
Concen: 52.837 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135069.D
Acq: 01 Sep 2023 11:27

Tgt Ion:244 Resp: 709572
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 11.4 9.8 14.6





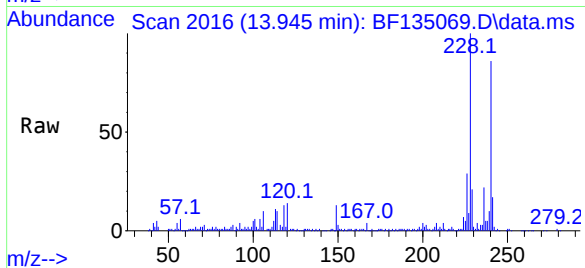
#81
Benzo(a)anthracene
Concen: 4.571 ng
RT: 13.945 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF135069.D
Acq: 01 Sep 2023 11:27

Instrument :

BNA_F

ClientSampleId :

ETGI-350

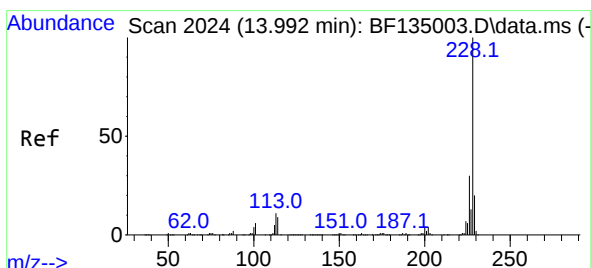
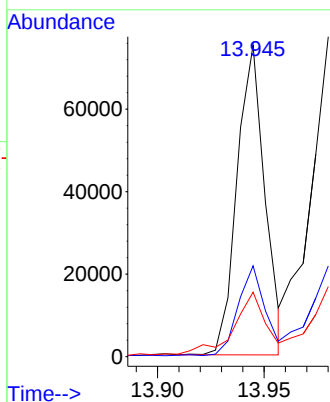
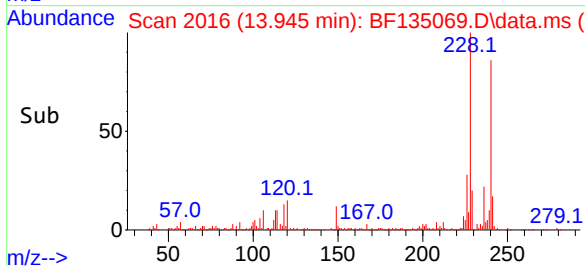


Tgt Ion:228 Resp: 6834
Ion Ratio Lower Upper
228 100
226 29.2 21.6 32.4
229 20.7 15.6 23.4

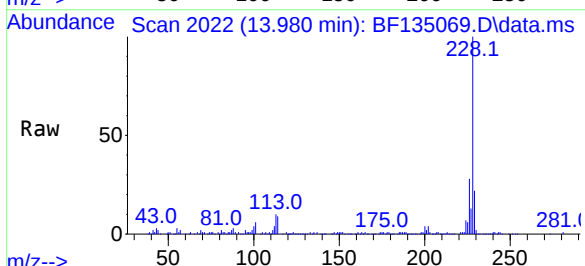
Manual Integrations

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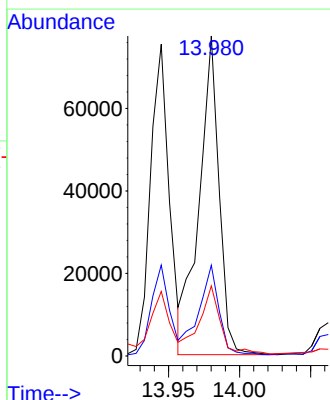
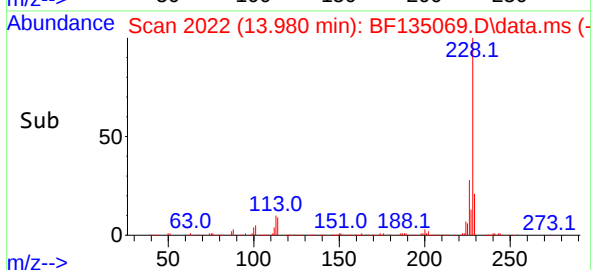
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/04/2023

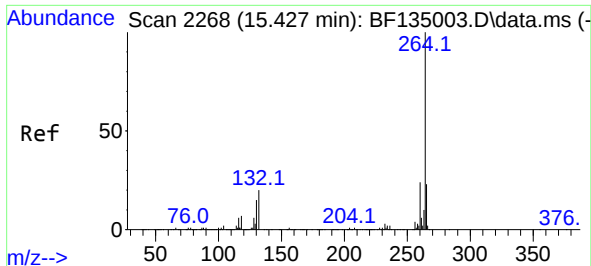


#83
Chrysene
Concen: 5.153 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF135069.D
Acq: 01 Sep 2023 11:27



Tgt Ion:228 Resp: 75703
Ion Ratio Lower Upper
228 100
226 28.4 24.2 36.4
229 21.9 15.9 23.9





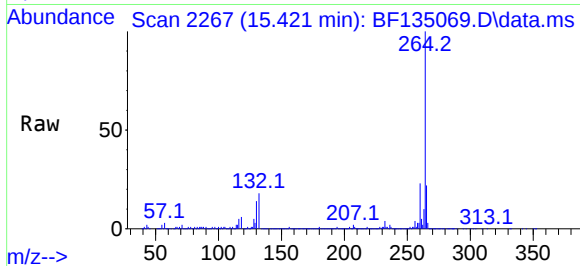
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135069.D
Acq: 01 Sep 2023 11:27

Instrument :

BNA_F

ClientSampleId :

ETGI-350

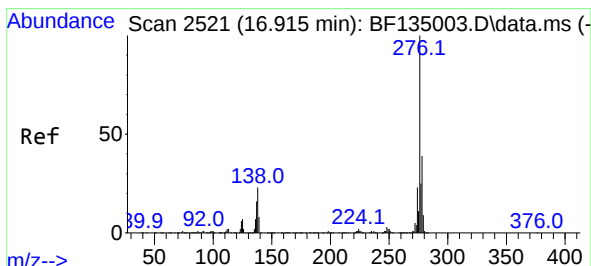
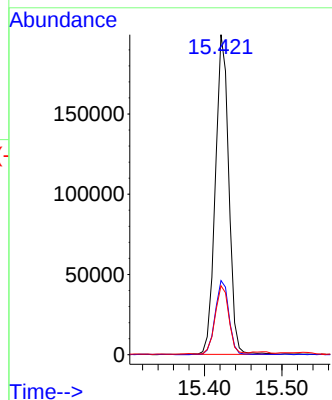
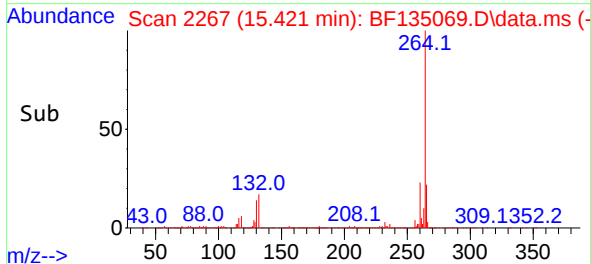


Tgt Ion:264 Resp: 239270
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.6
265 21.6 18.2 27.2

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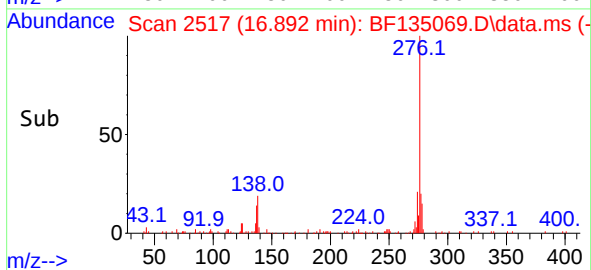
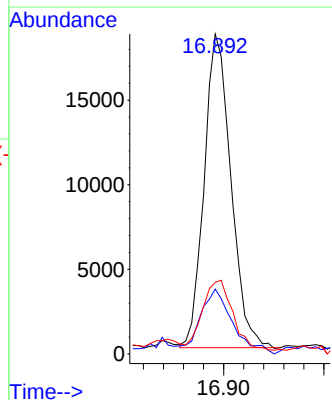
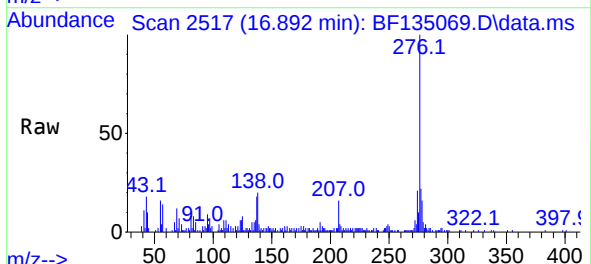
APPROVED

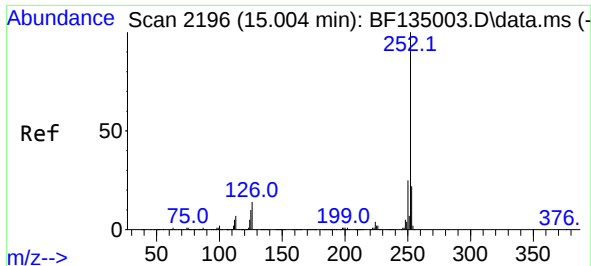
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/04/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.136 ng
RT: 16.892 min Scan# 2517
Delta R.T. -0.024 min
Lab File: BF135069.D
Acq: 01 Sep 2023 11:27

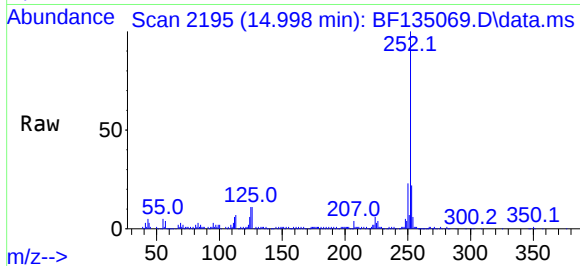
Tgt Ion:276 Resp: 34422
Ion Ratio Lower Upper
276 100
138 24.9 20.2 30.2
277 25.1 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 7.196 ng m
RT: 14.998 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF135069.D
Acq: 01 Sep 2023 11:27

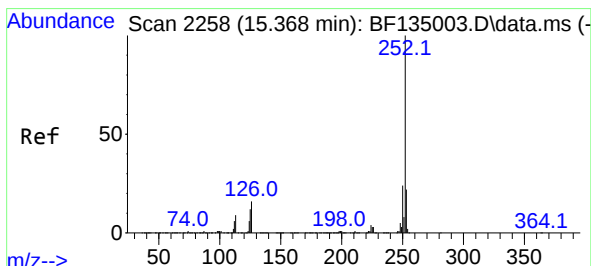
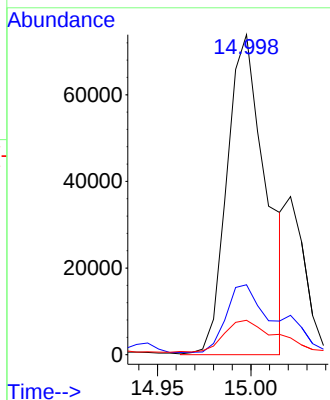
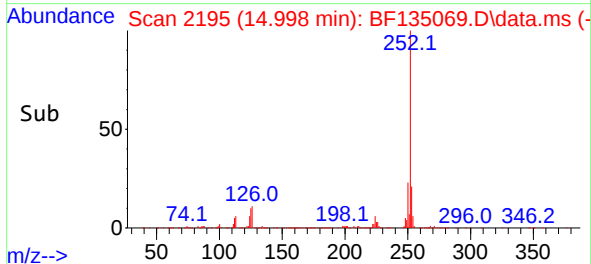
Instrument :
BNA_F
ClientSampleId :
ETGI-350



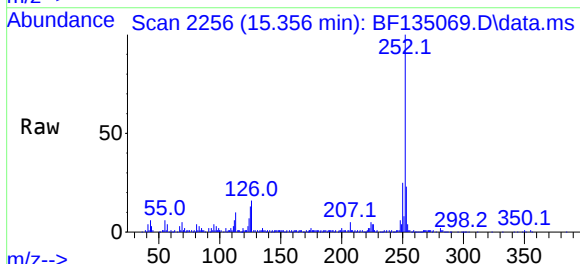
Tgt Ion:252 Resp: 107134
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 10.8 8.4 12.6

Manual Integrations
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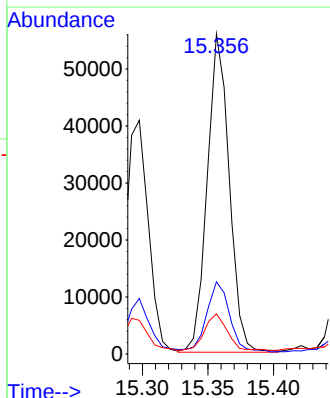
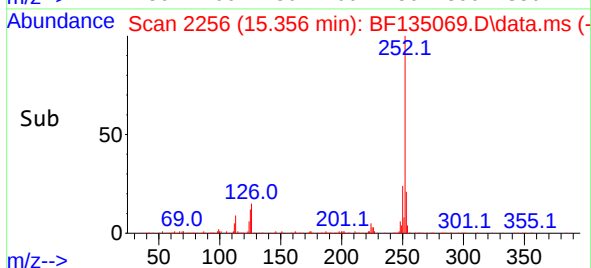
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/04/2023

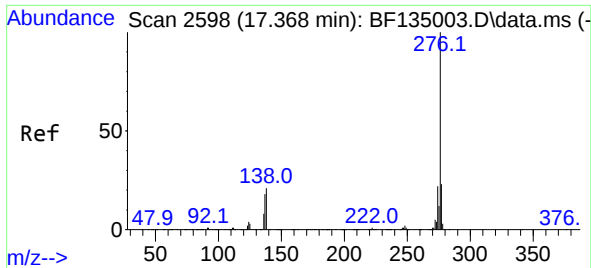


#90
Benzo(a)pyrene
Concen: 4.717 ng
RT: 15.356 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF135069.D
Acq: 01 Sep 2023 11:27



Tgt Ion:252 Resp: 65245
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 12.5 9.5 14.3





#92
Benzo(g,h,i)perylene
Concen: 2.448 ng
RT: 17.339 min Scan# 21
Delta R.T. -0.030 min
Lab File: BF135069.D
Acq: 01 Sep 2023 11:27

Instrument :
BNA_F
ClientSampleId :
ETGI-350

Tgt Ion:	276	Resp:	3323
Ion Ratio	Lower	Upper	
276	100		
277	25.8	18.5	27.7
138	22.5	17.1	25.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/04/2023

