

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135440.D
 Acq On : 25 Sep 2023 21:56
 Operator : CG\JU
 Sample : 04569-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-367

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :Jagrut Upadhyay 09/26/2023

Quant Time: Sep 26 01:45:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	193261	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	714801	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	310816	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	455266	20.000	ng	0.00
76) Chrysene-d12	13.939	240	327884	20.000	ng	0.00
86) Perylene-d12	15.404	264	307004	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	932659	78.491	ng	0.00
7) Phenol-d6	6.398	99	1203157	79.631	ng	0.00
23) Nitrobenzene-d5	7.316	82	731087	55.567	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	183276	59.336	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1136510	55.167	ng	0.00
79) Terphenyl-d14	12.874	244	767600	36.291	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.304	178	689728	32.033	ng	99
72) Anthracene	11.357	178	112665	5.090	ng	98
73) Carbazole	11.522	167	40875	2.029	ng	98
75) Fluoranthene	12.504	202	1239914	55.264	ng	98
78) Pyrene	12.733	202	1087910	34.850	ng	100
81) Benzo(a)anthracene	13.927	228	557435	26.328	ng	99
83) Chrysene	13.969	228	585412	27.810	ng	99
84) Bis(2-ethylhexyl)phtha...	13.921	149	38966	3.455	ng	98
87) Indeno(1,2,3-cd)pyrene	16.880	276	199231	9.898	ng	98
88) Benzo(b)fluoranthene	14.980	252	598429m	36.008	ng	
89) Benzo(k)fluoranthene	15.004	252	208202m	12.682	ng	
90) Benzo(a)pyrene	15.345	252	373325	23.556	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	50751	3.081	ng	# 83
92) Benzo(g,h,i)perylene	17.333	276	189808	11.035	ng	96

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

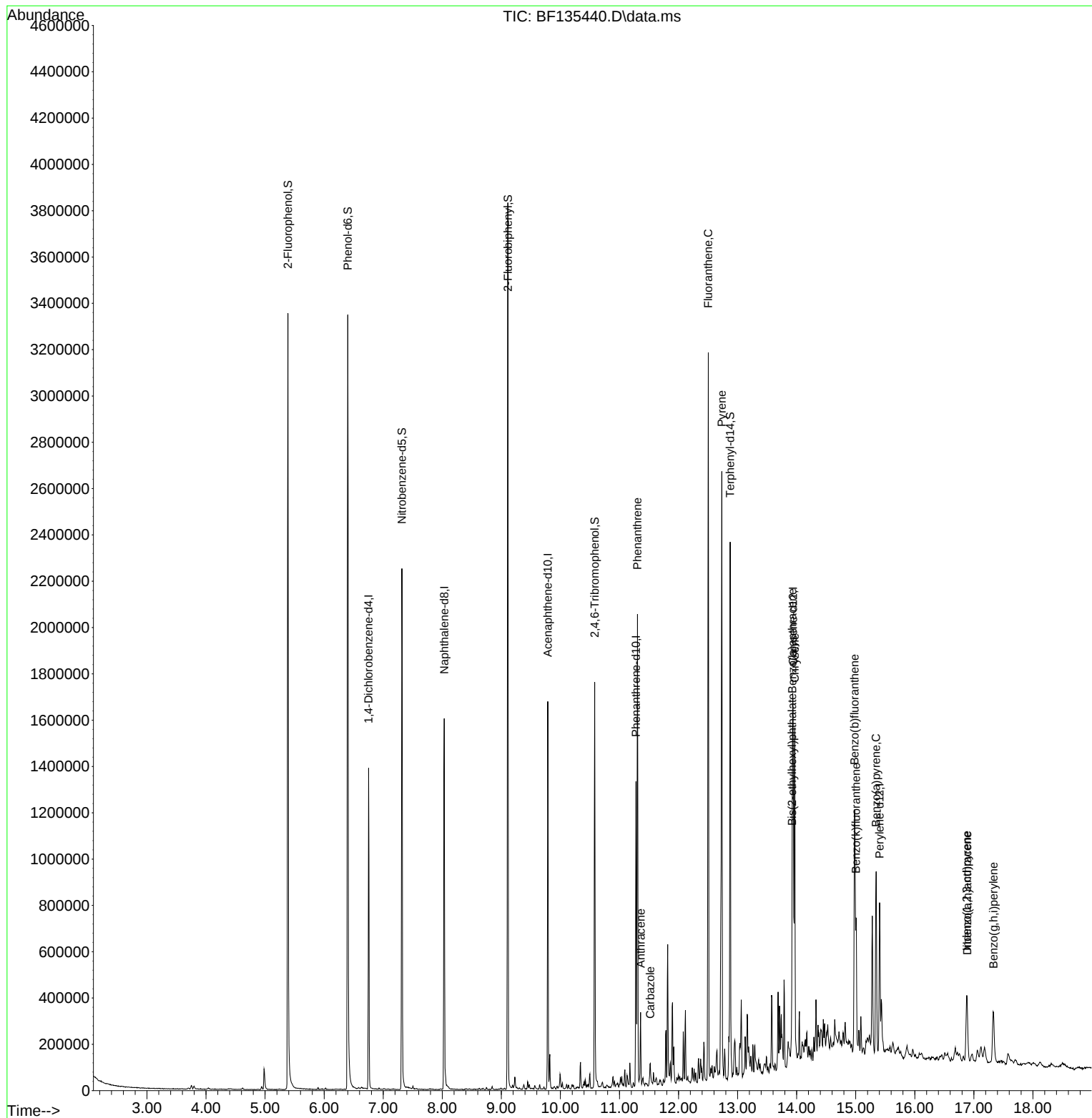
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
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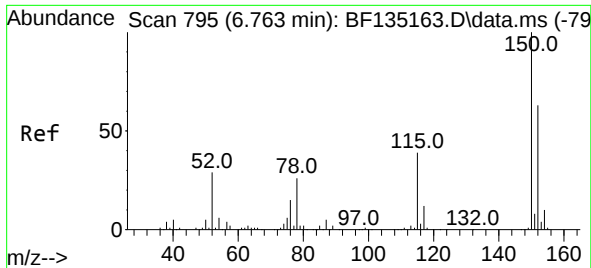
Instrument :
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Quant Time: Sep 26 01:45:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 01:36:36 2023
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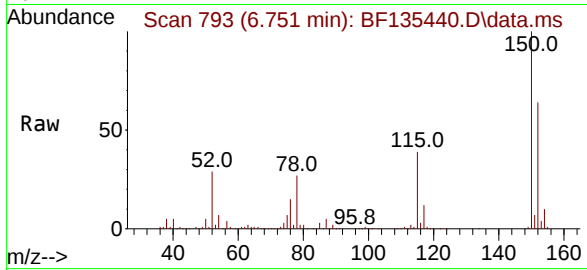
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135440.D
Acq: 25 Sep 2023 21:56

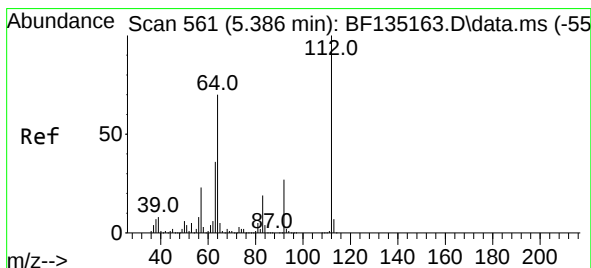
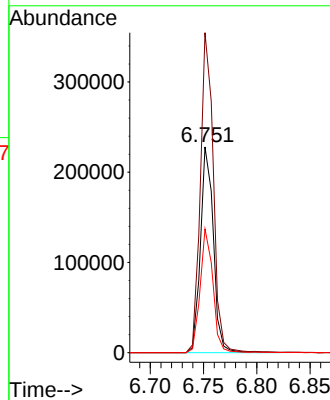
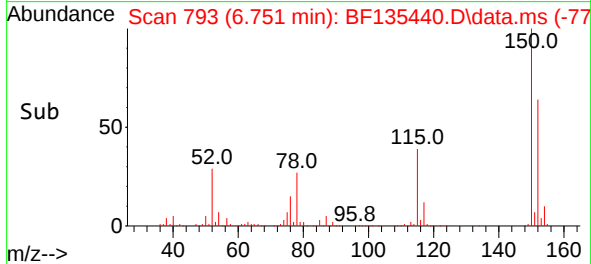
Instrument :
BNA_F
ClientSampleId :
ETGI-367



Tgt Ion:152 Resp: 19326
Ion Ratio Lower Upper
152 100
150 155.5 127.8 191.6
115 60.1 49.8 74.8

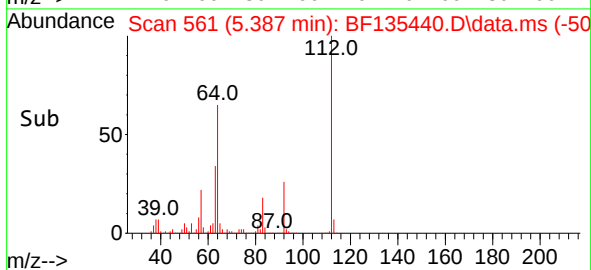
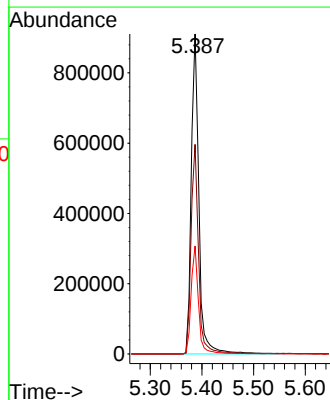
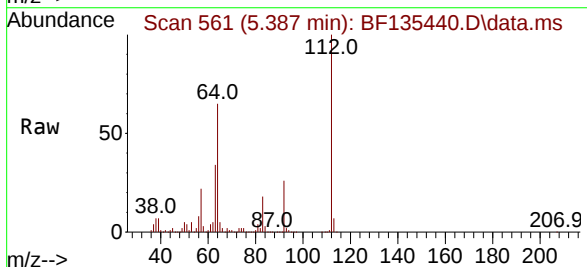
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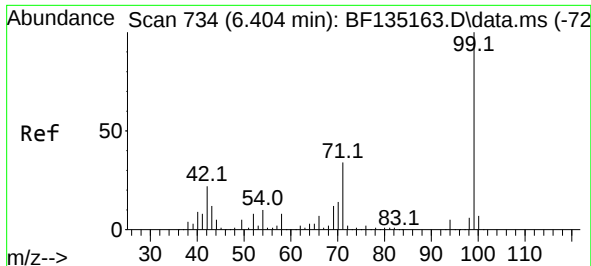
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#5
2-Fluorophenol
Concen: 78.491 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF135440.D
Acq: 25 Sep 2023 21:56

Tgt Ion:112 Resp: 932659
Ion Ratio Lower Upper
112 100
64 65.5 55.9 83.9
63 33.8 29.0 43.6





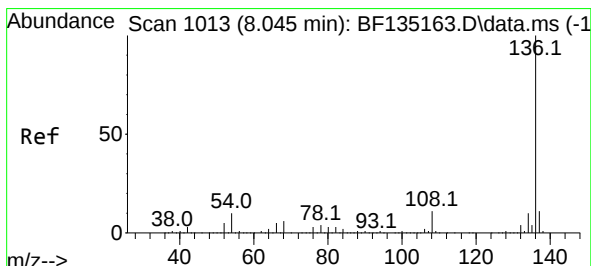
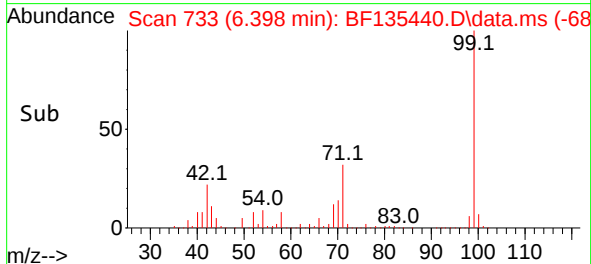
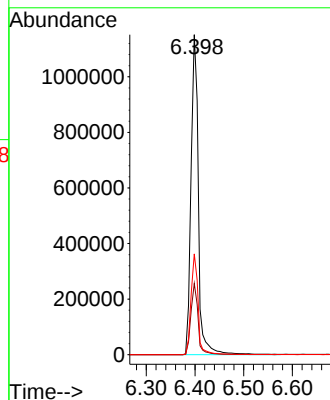
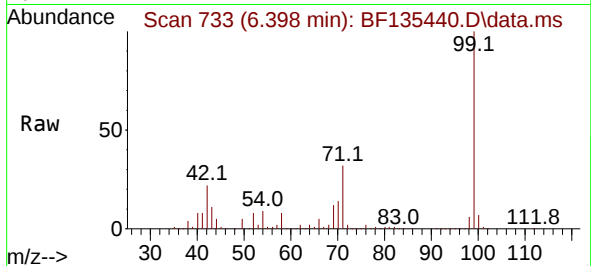
#7
Phenol-d6
Concen: 79.631 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135440.D
Acq: 25 Sep 2023 21:56

Instrument :
BNA_F
ClientSampleId :
ETGI-367

Tgt Ion: 99 Resp: 120315
Ion Ratio Lower Upper
99 100
42 22.3 17.9 26.9
71 31.5 27.0 40.6

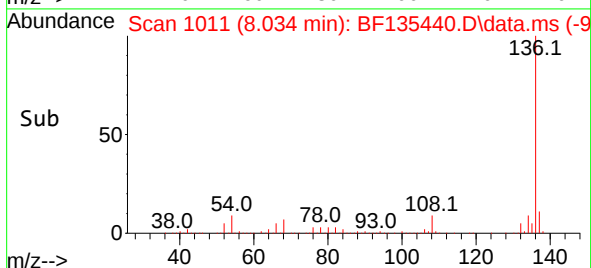
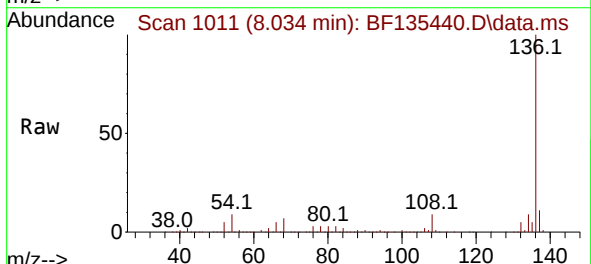
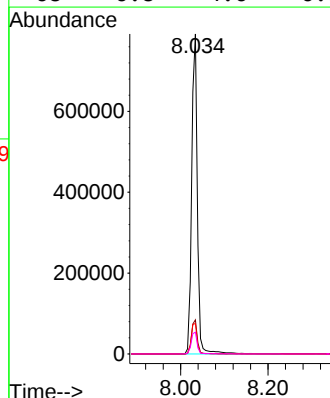
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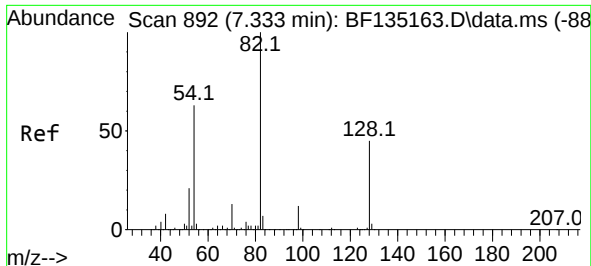
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BF135440.D
Acq: 25 Sep 2023 21:56

Tgt Ion:136 Resp: 714801
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.5 7.7 11.5
68 6.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 55.567 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135440.D

Acq: 25 Sep 2023 21:56

Instrument :

BNA_F

ClientSampleId :

ETGI-367

Tgt Ion: 82 Resp: 73108

Ion Ratio Lower Upper

82 100

128 44.4 35.8 53.6

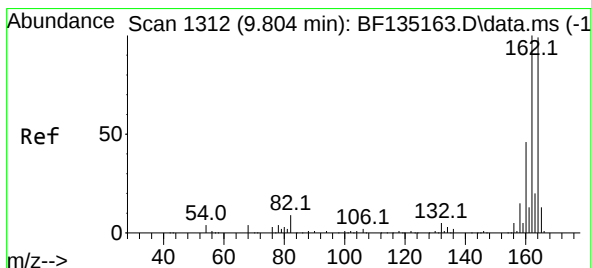
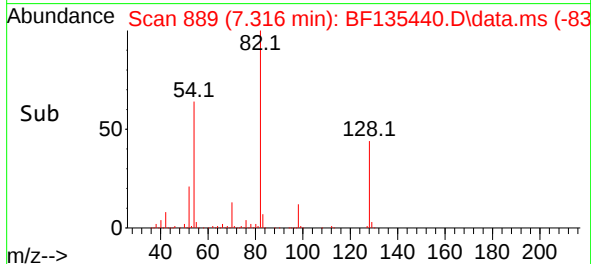
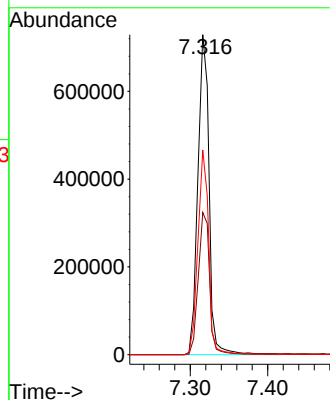
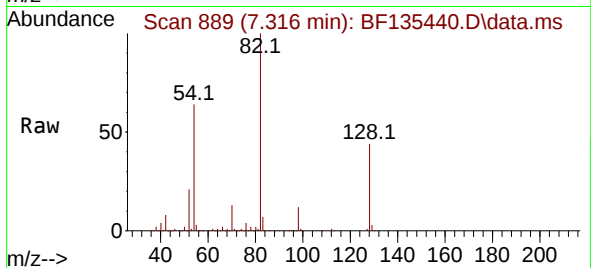
54 64.0 50.6 76.0

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Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.786 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF135440.D

Acq: 25 Sep 2023 21:56

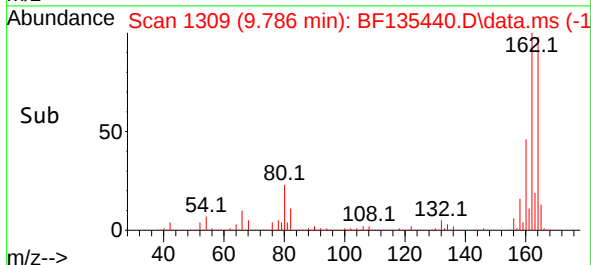
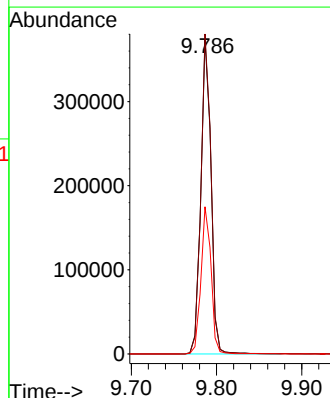
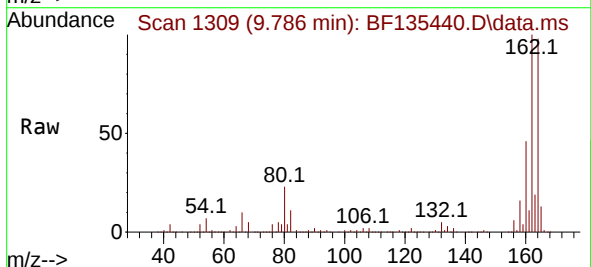
Tgt Ion:164 Resp: 310816

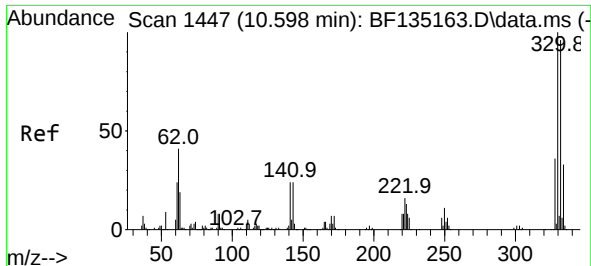
Ion Ratio Lower Upper

164 100

162 101.6 81.0 121.4

160 46.7 37.0 55.4





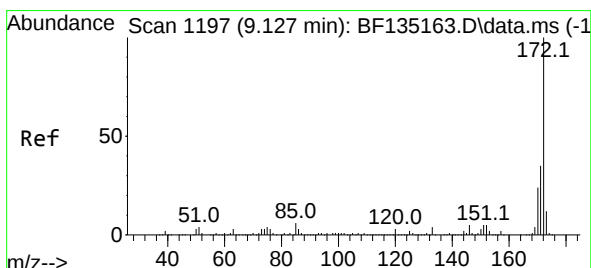
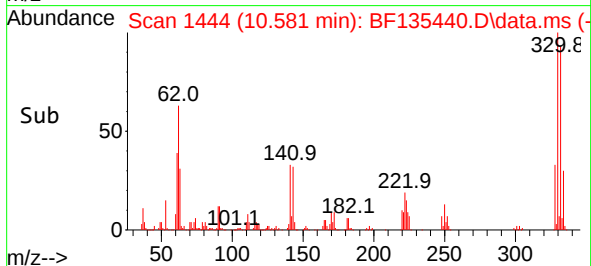
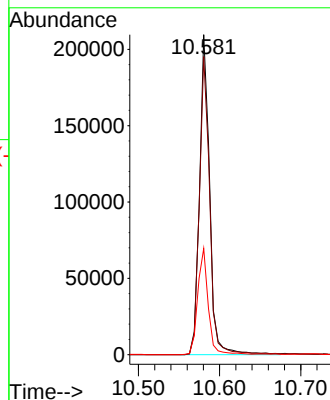
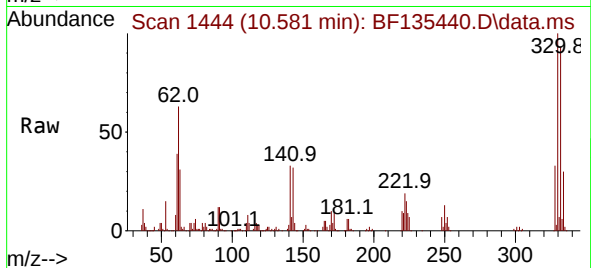
#42
2,4,6-Tribromophenol
Concen: 59.336 ng
RT: 10.581 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135440.D
Acq: 25 Sep 2023 21:56

Instrument :
BNA_F
ClientSampleId :
ETGI-367

Tgt Ion:330 Resp: 183270
Ion Ratio Lower Upper
330 100
332 94.7 77.3 115.9
141 34.5 25.8 38.8

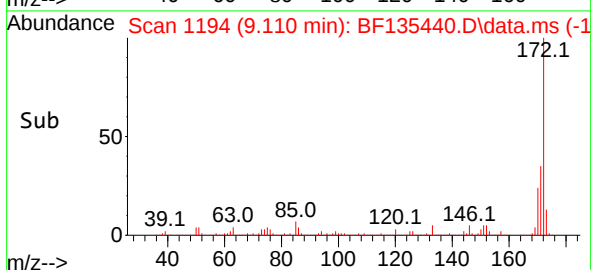
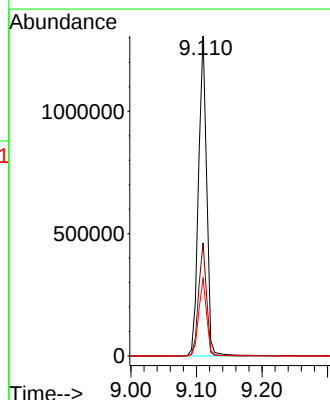
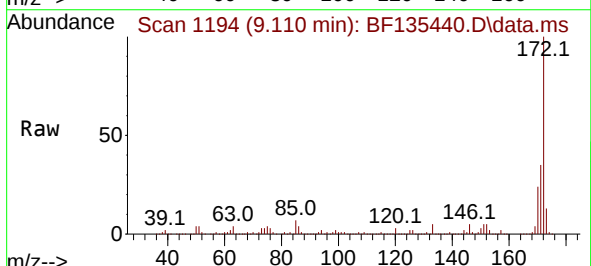
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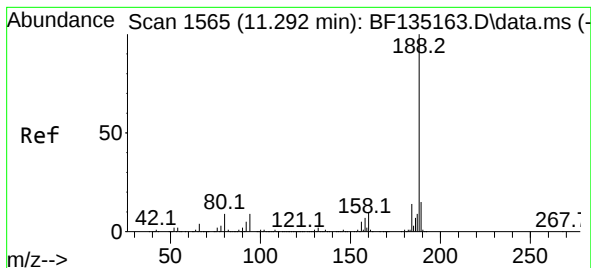
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#45
2-Fluorobiphenyl
Concen: 55.167 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF135440.D
Acq: 25 Sep 2023 21:56

Tgt Ion:172 Resp: 1136510
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 24.2 19.0 28.4





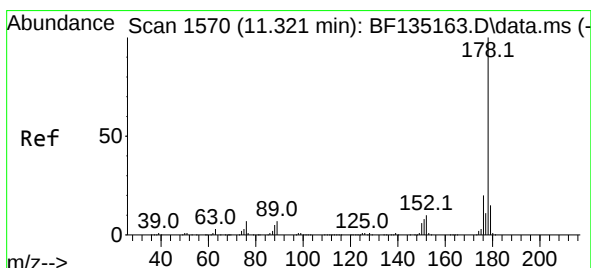
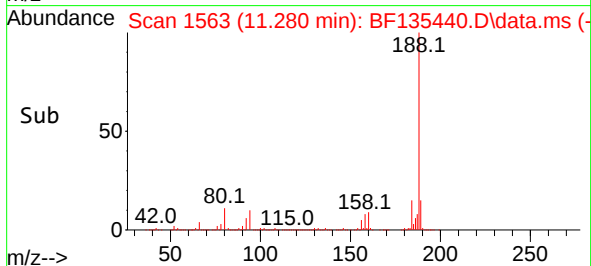
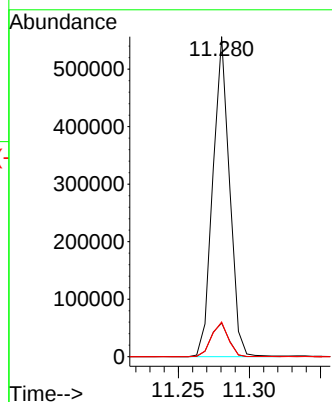
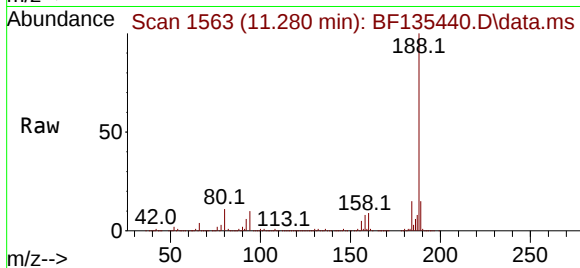
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF135440.D
Acq: 25 Sep 2023 21:56

Instrument :
BNA_F
ClientSampleId :
ETGI-367

Tgt Ion:188 Resp: 455260
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.6
80 10.8 7.5 11.3

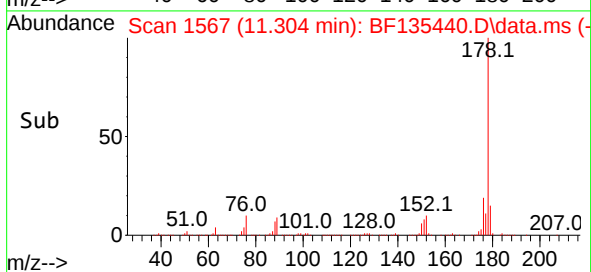
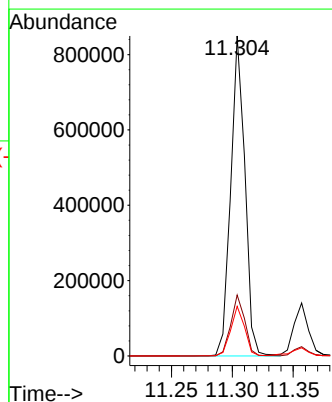
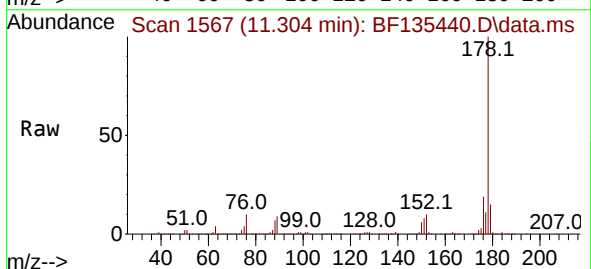
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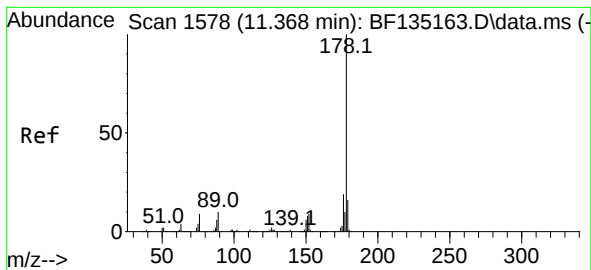
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#71
Phenanthrene
Concen: 32.033 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF135440.D
Acq: 25 Sep 2023 21:56

Tgt Ion:178 Resp: 689728
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.5 12.0 18.0





#72

Anthracene

Concen: 5.090 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135440.D

Acq: 25 Sep 2023 21:56

Instrument :

BNA_F

ClientSampleId :

ETGI-367

Tgt Ion:178 Resp: 11266

Ion Ratio Lower Upper

178 100

176 17.7 15.4 23.2

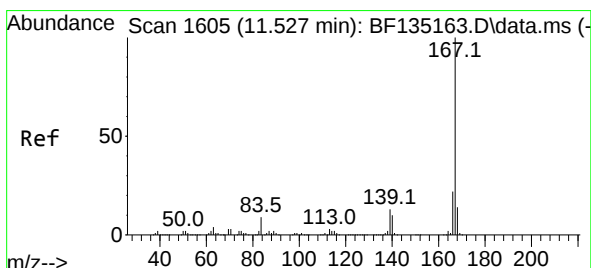
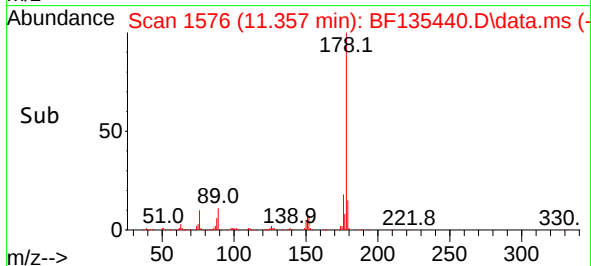
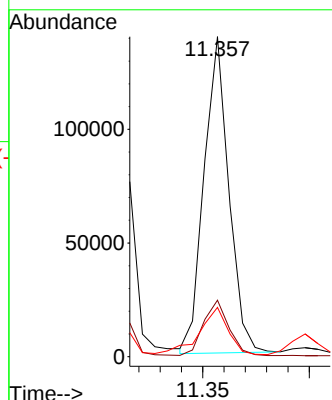
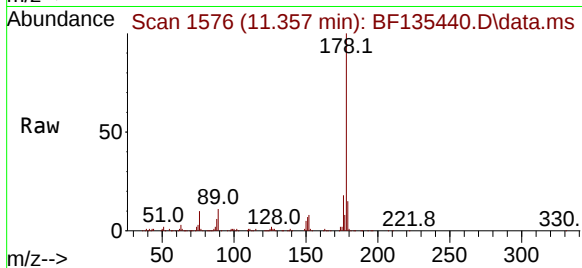
179 15.4 12.6 19.0

Manual Integrations

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#73

Carbazole

Concen: 2.029 ng

RT: 11.522 min Scan# 1604

Delta R.T. 0.000 min

Lab File: BF135440.D

Acq: 25 Sep 2023 21:56

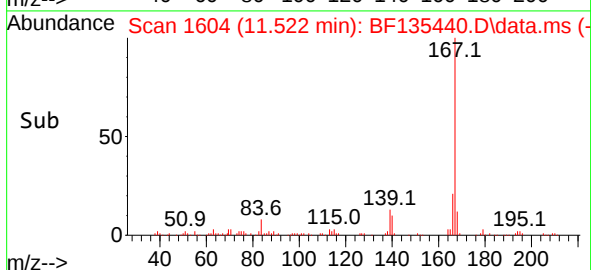
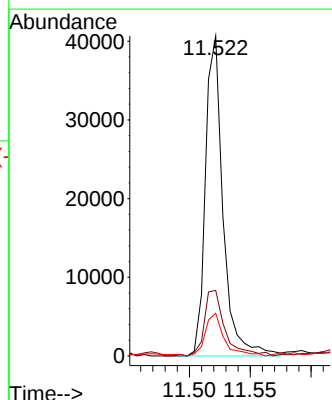
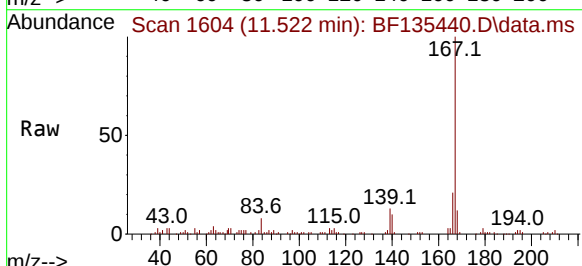
Tgt Ion:167 Resp: 40875

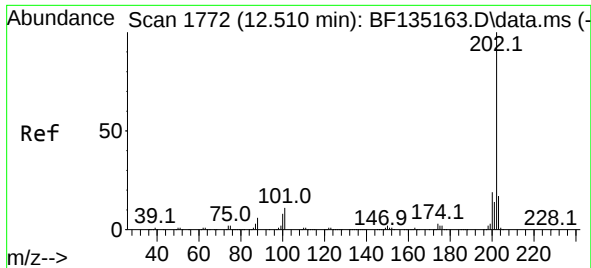
Ion Ratio Lower Upper

167 100

166 20.5 17.4 26.0

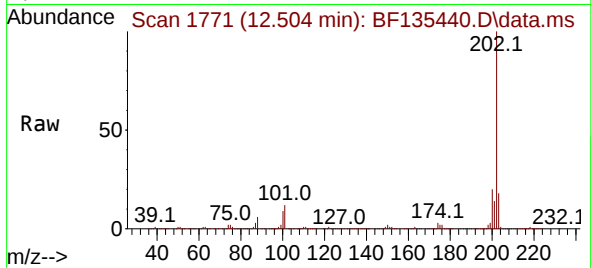
139 13.4 10.6 15.8





#75
Fluoranthene
Concen: 55.264 ng
RT: 12.504 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135440.D
Acq: 25 Sep 2023 21:56

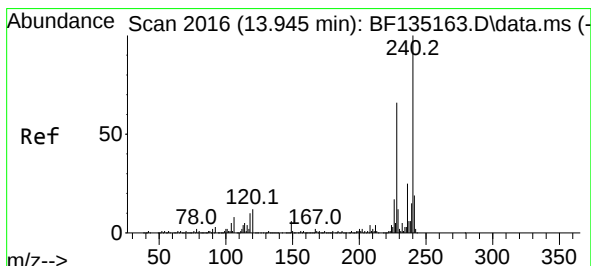
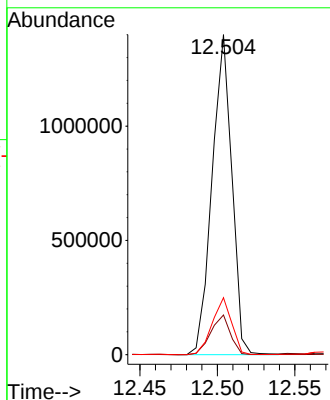
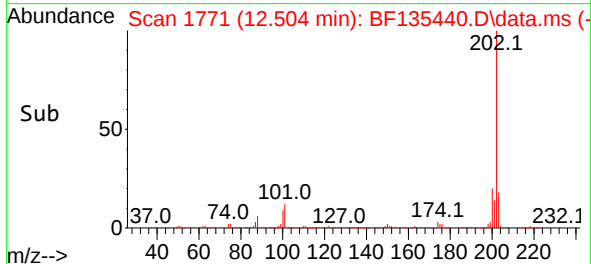
Instrument :
BNA_F
ClientSampleId :
ETGI-367



Tgt Ion:202 Resp: 1239914
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.3
203 17.8 0.0 37.4

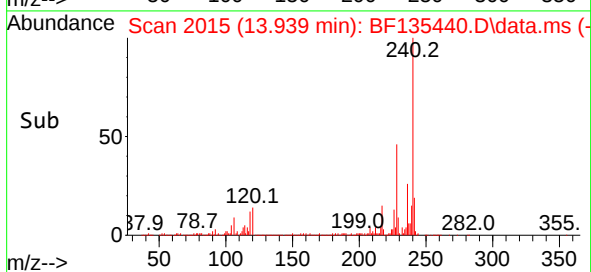
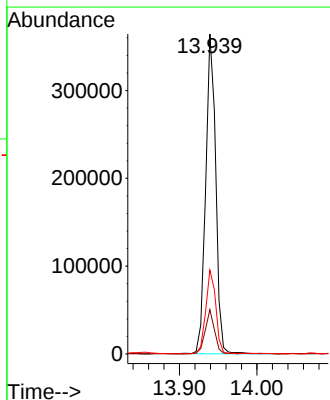
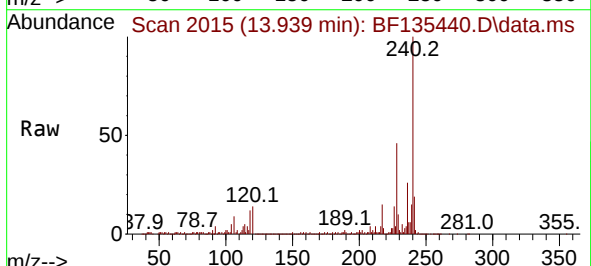
Manual Integrations
APPROVED

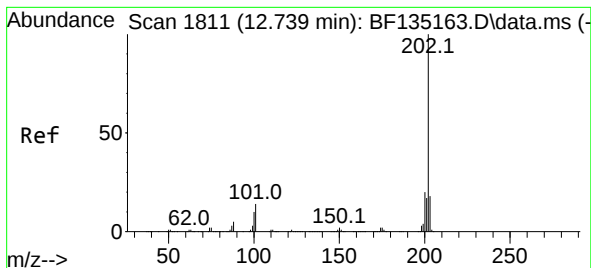
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135440.D
Acq: 25 Sep 2023 21:56

Tgt Ion:240 Resp: 327884
Ion Ratio Lower Upper
240 100
120 13.9 9.4 14.2
236 26.2 19.8 29.8





#78

Pyrene

Concen: 34.850 ng

RT: 12.733 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF135440.D

Acq: 25 Sep 2023 21:56

Instrument :

BNA_F

ClientSampleId :

ETGI-367

Tgt Ion:202 Resp: 1087910

Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.2

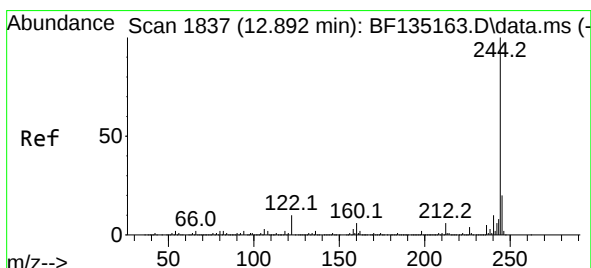
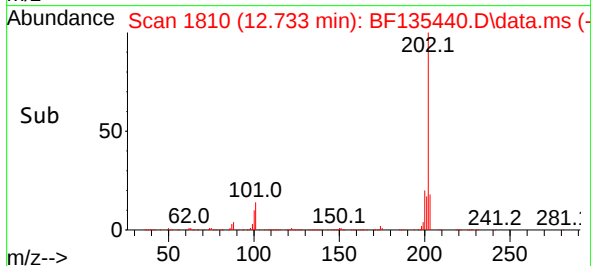
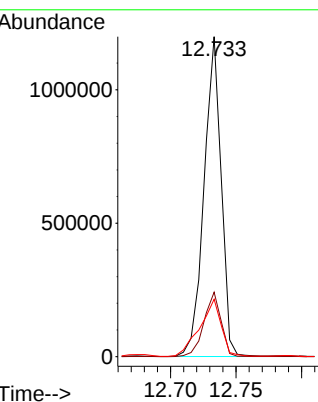
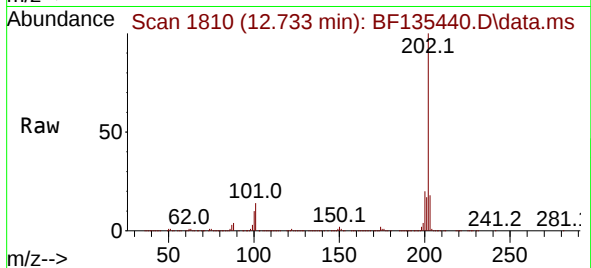
203 18.0 14.2 21.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#79

Terphenyl-d14

Concen: 36.291 ng

RT: 12.874 min Scan# 1834

Delta R.T. -0.006 min

Lab File: BF135440.D

Acq: 25 Sep 2023 21:56

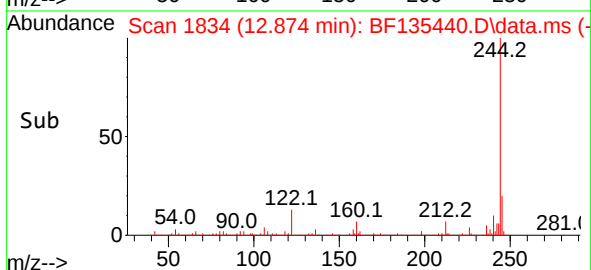
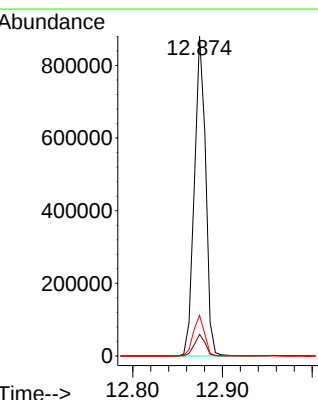
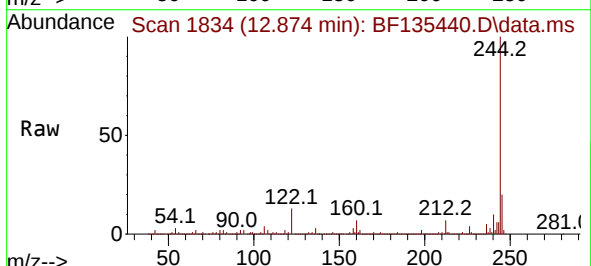
Tgt Ion:244 Resp: 767600

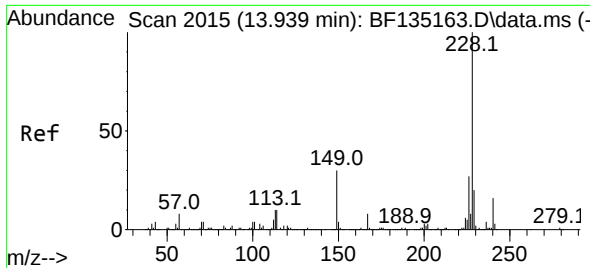
Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

122 12.7 7.9 11.9#





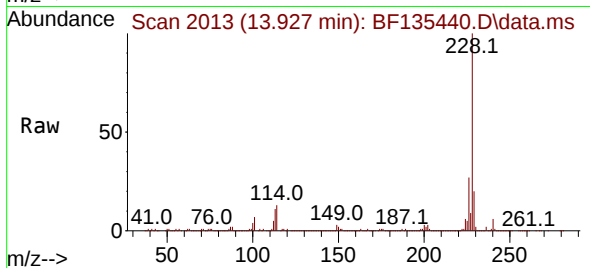
#81
Benzo(a)anthracene
Concen: 26.328 ng
RT: 13.927 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135440.D
Acq: 25 Sep 2023 21:56

Instrument :

BNA_F

ClientSampleId :

ETGI-367

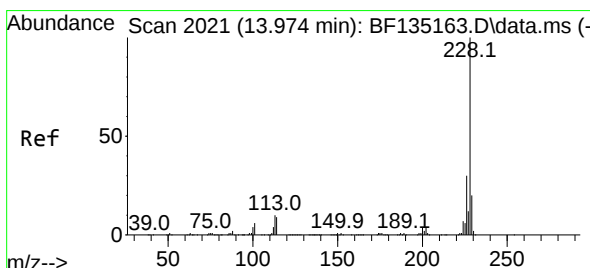
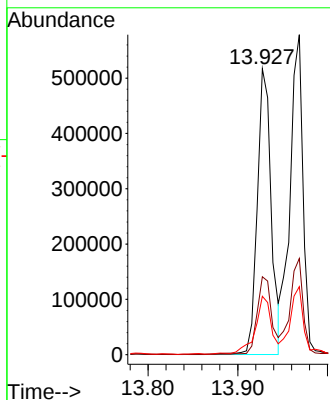
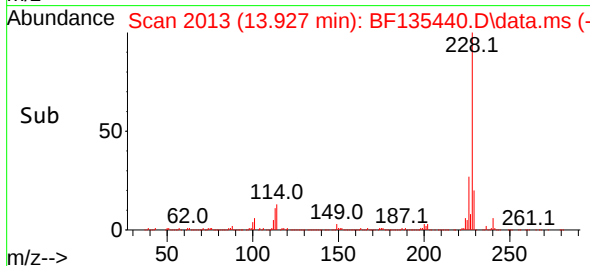


Tgt Ion:228 Resp: 557435
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 20.5 15.8 23.8

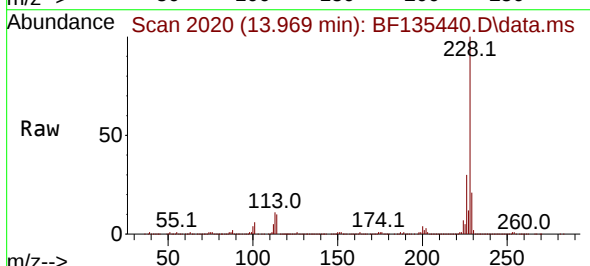
Manual Integrations

APPROVED

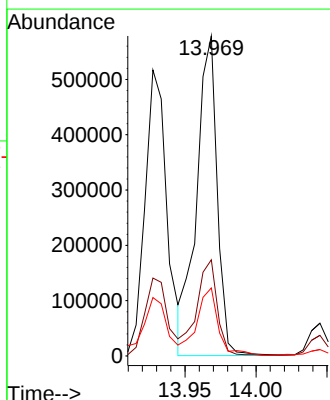
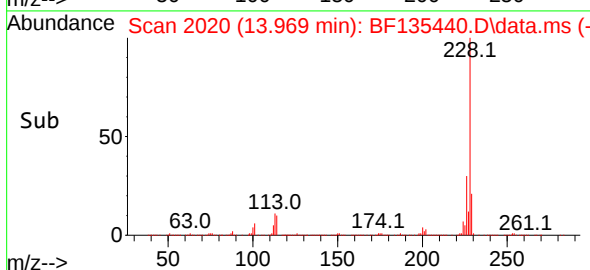
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023

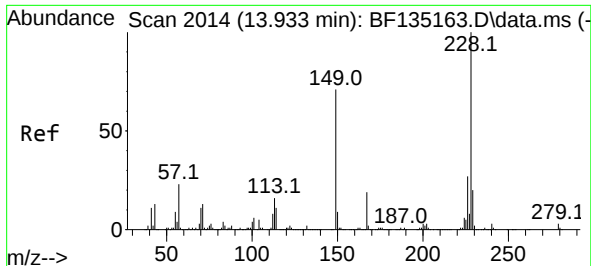


#83
Chrysene
Concen: 27.810 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF135440.D
Acq: 25 Sep 2023 21:56



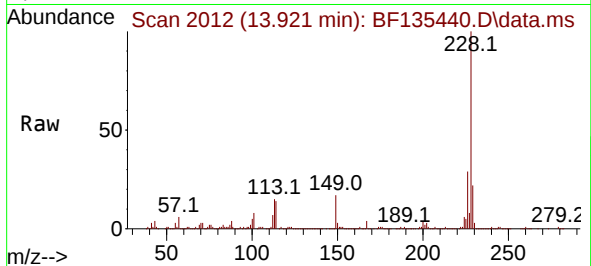
Tgt Ion:228 Resp: 585412
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 21.3 16.0 24.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.455 ng
RT: 13.921 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF135440.D
Acq: 25 Sep 2023 21:56

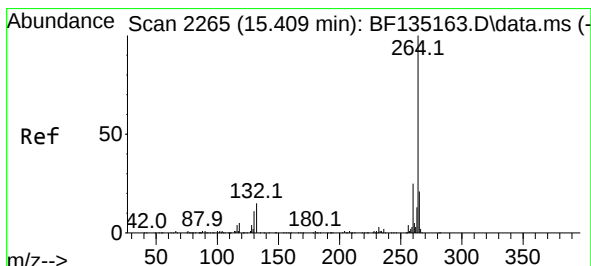
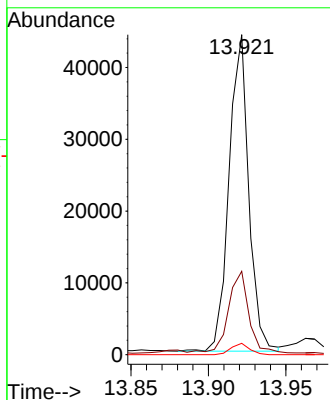
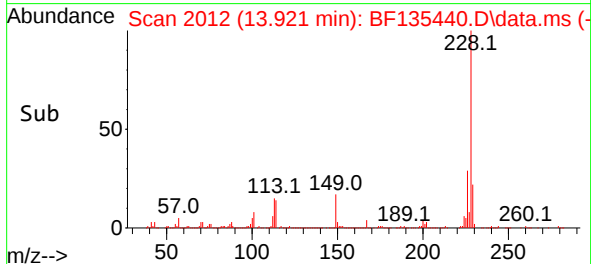
Instrument :
BNA_F
ClientSampleId :
ETGI-367



Tgt Ion:149 Resp: 38960
Ion Ratio Lower Upper
149 100
167 26.0 21.9 32.9
279 3.6 3.3 4.9

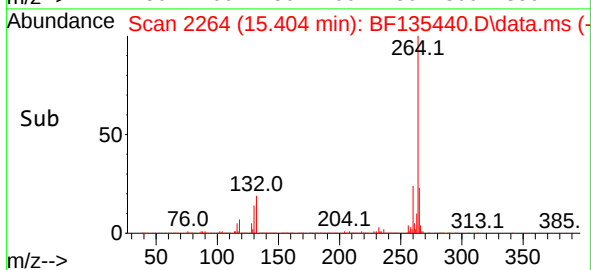
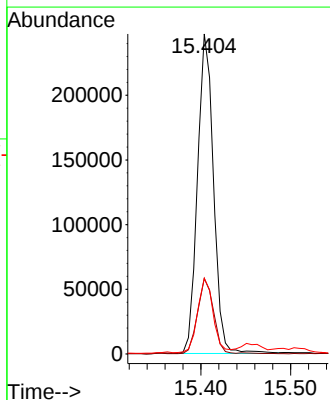
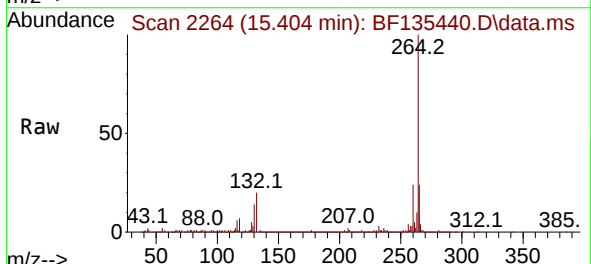
Manual Integrations
APPROVED

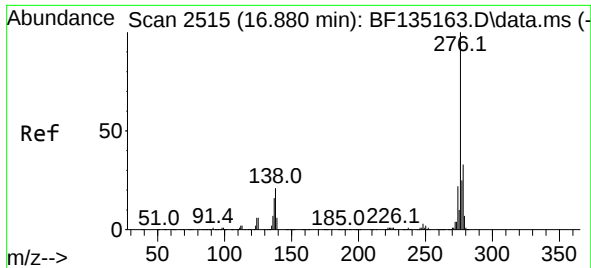
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BF135440.D
Acq: 25 Sep 2023 21:56

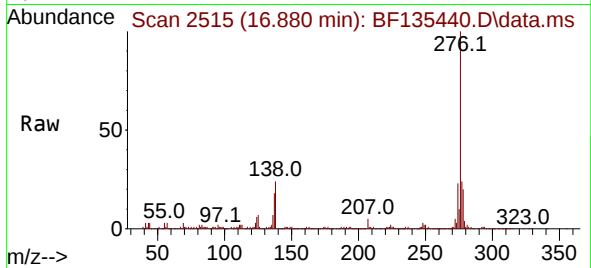
Tgt Ion:264 Resp: 307004
Ion Ratio Lower Upper
264 100
260 23.6 19.8 29.6
265 23.6 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 9.898 ng
 RT: 16.880 min Scan# 2192
 Delta R.T. -0.006 min
 Lab File: BF135440.D
 Acq: 25 Sep 2023 21:56

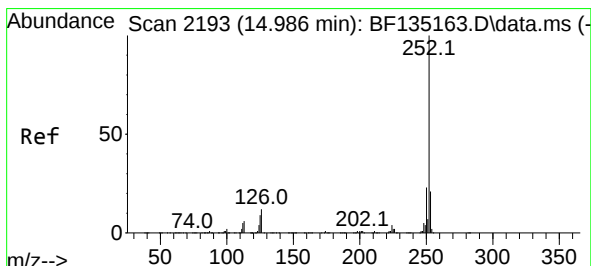
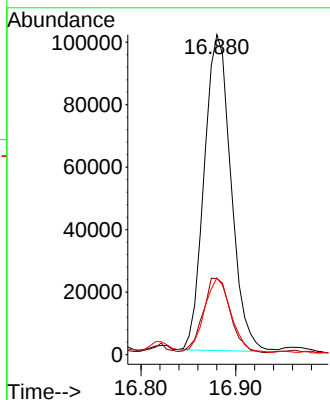
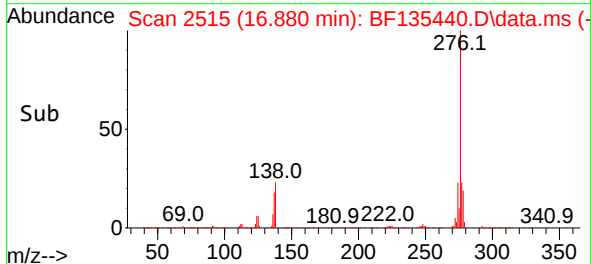
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-367



Tgt Ion: 276 Resp: 19923
 Ion Ratio Lower Upper
 276 100
 138 24.4 19.2 28.8
 277 23.2 19.7 29.5

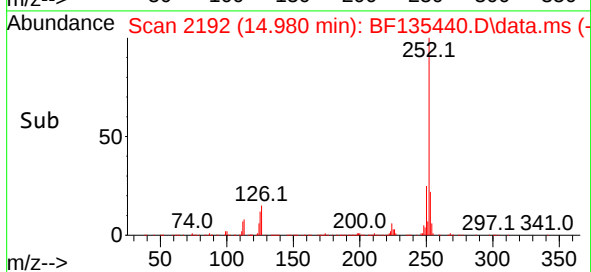
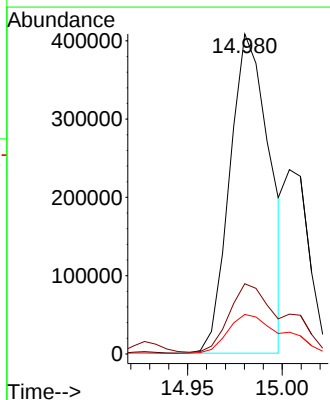
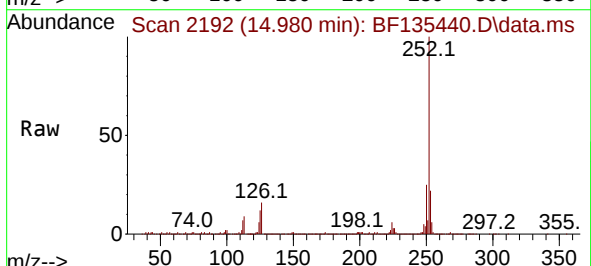
Manual Integrations
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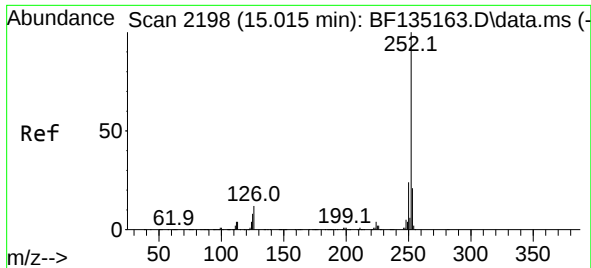
Reviewed By : Yogesh Patel 09/26/2023
 Supervised By : Jagrut Upadhyay 09/26/2023



#88
 Benzo(b)fluoranthene
 Concen: 36.008 ng m
 RT: 14.980 min Scan# 2192
 Delta R.T. 0.000 min
 Lab File: BF135440.D
 Acq: 25 Sep 2023 21:56

Tgt Ion: 252 Resp: 598429
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.2 25.8
 125 12.3 7.1 10.7#





#89
Benzo(k)fluoranthene
Concen: 12.682 ng m
RT: 15.004 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF135440.D
Acq: 25 Sep 2023 21:56

Instrument :

BNA_F

ClientSampleId :

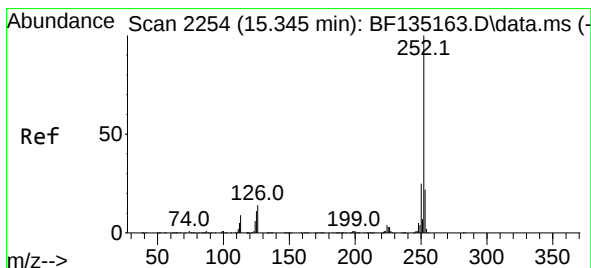
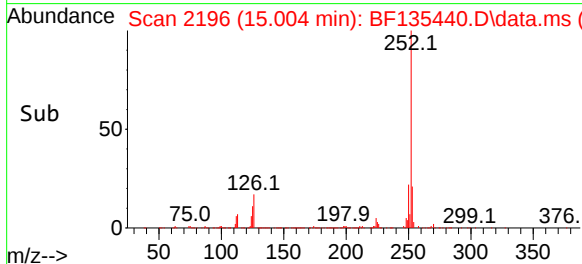
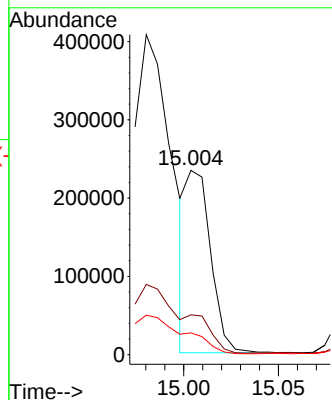
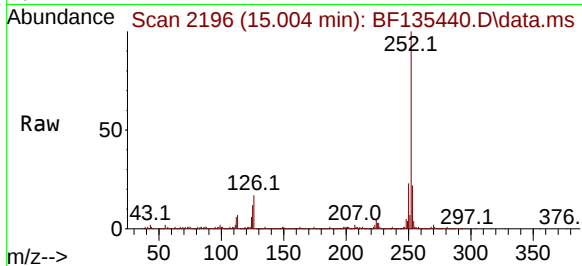
ETGI-367

Tgt Ion:252 Resp: 20820
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 11.9 7.2 10.8

Manual Integrations

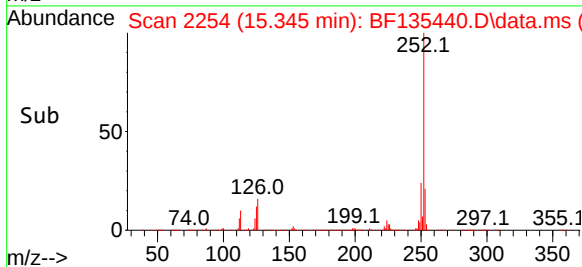
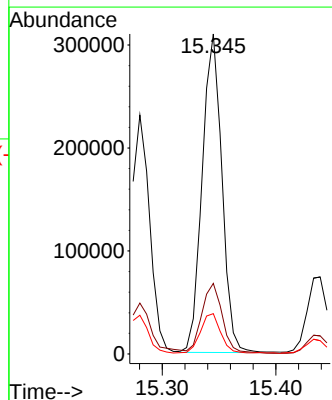
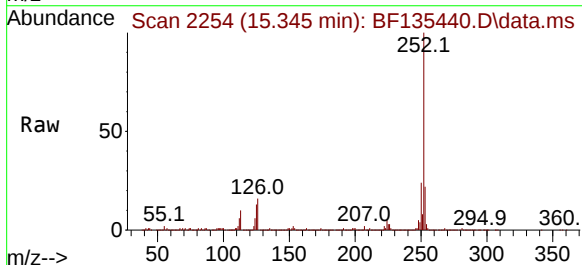
APPROVED

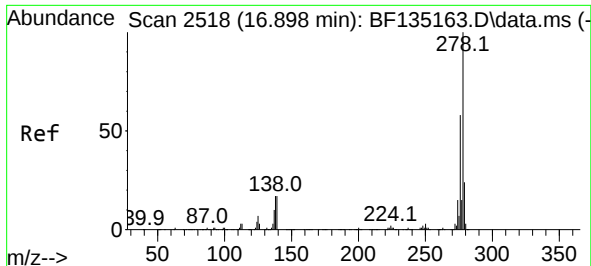
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#90
Benzo(a)pyrene
Concen: 23.556 ng
RT: 15.345 min Scan# 2254
Delta R.T. 0.000 min
Lab File: BF135440.D
Acq: 25 Sep 2023 21:56

Tgt Ion:252 Resp: 373325
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 12.6 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 3.081 ng

RT: 16.886 min Scan# 2518

Delta R.T. -0.012 min

Lab File: BF135440.D

Acq: 25 Sep 2023 21:56

Instrument :

BNA_F

ClientSampleId :

ETGI-367

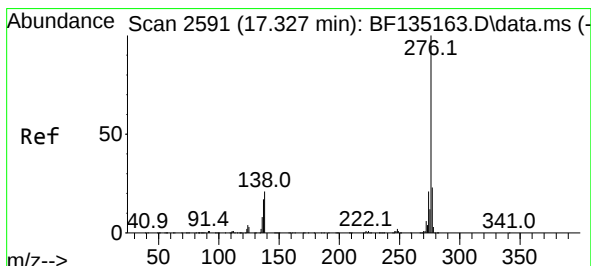
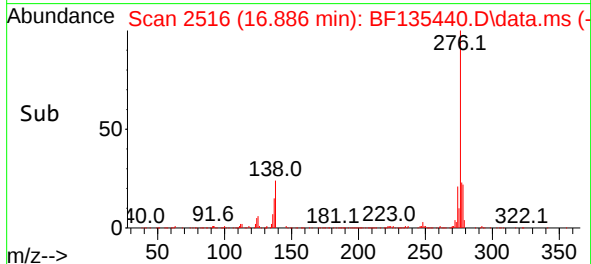
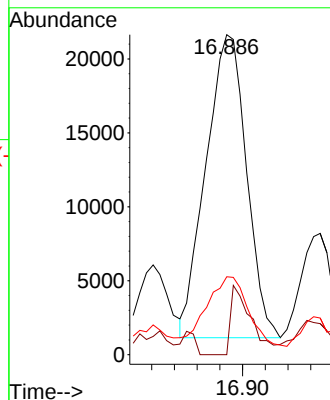
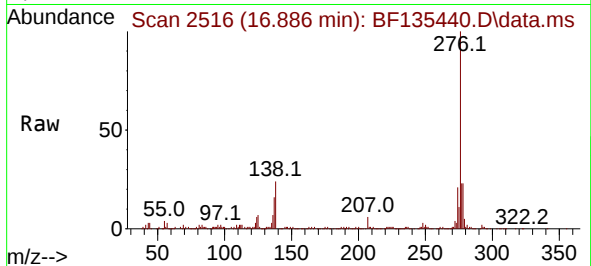
Tgt Ion:278 Resp: 5075
 Ion Ratio Lower Upper
 278 100
 139 0.0 13.4 20.0
 279 24.3 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#92

Benzo(g,h,i)perylene

Concen: 11.035 ng

RT: 17.333 min Scan# 2592

Delta R.T. 0.000 min

Lab File: BF135440.D

Acq: 25 Sep 2023 21:56

Tgt Ion:276 Resp: 189808
 Ion Ratio Lower Upper
 276 100
 277 22.2 18.8 28.2
 138 23.6 16.9 25.3

