

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090624\
 Data File : BF139277.D
 Acq On : 06 Sep 2024 15:01
 Operator : RC/JU
 Sample : P3852-04DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI356DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/07/2024
 Supervised By :mohammad ahmed 09/07/2024

Quant Time: Sep 06 15:25:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	94466	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	309111	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	146363	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	248493	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	127196	20.000	ng	# 0.04
86) Perylene-d12	15.562	264	119183	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	195630	34.643	ng	0.00
7) Phenol-d6	6.504	99	242179	32.125	ng	-0.01
23) Nitrobenzene-d5	7.445	82	142603	24.000	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	45541	36.033	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	244652	25.803	ng	0.00
79) Terphenyl-d14	13.021	244	204884	26.007	ng	0.02
Target Compounds						Qvalue
71) Phenanthrene	11.445	178	91719	7.901	ng	# 83
75) Fluoranthene	12.651	202	269803	23.183	ng	93
78) Pyrene	12.880	202	216919	17.654	ng	# 93
81) Benzo(a)anthracene	14.074	228	72406	8.915	ng	# 90
83) Chrysene	14.110	228	86688	11.436	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.062	149	207570	61.139	ng	# 92
87) Indeno(1,2,3-cd)pyrene	17.033	276	38030	5.108	ng	94
88) Benzo(b)fluoranthene	15.133	252	88576m	12.905	ng	
89) Benzo(k)fluoranthene	15.145	252	35060m	5.697	ng	
90) Benzo(a)pyrene	15.498	252	48771	8.368	ng	# 30
92) Benzo(g,h,i)perylene	17.474	276	34491	5.446	ng	# 88

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

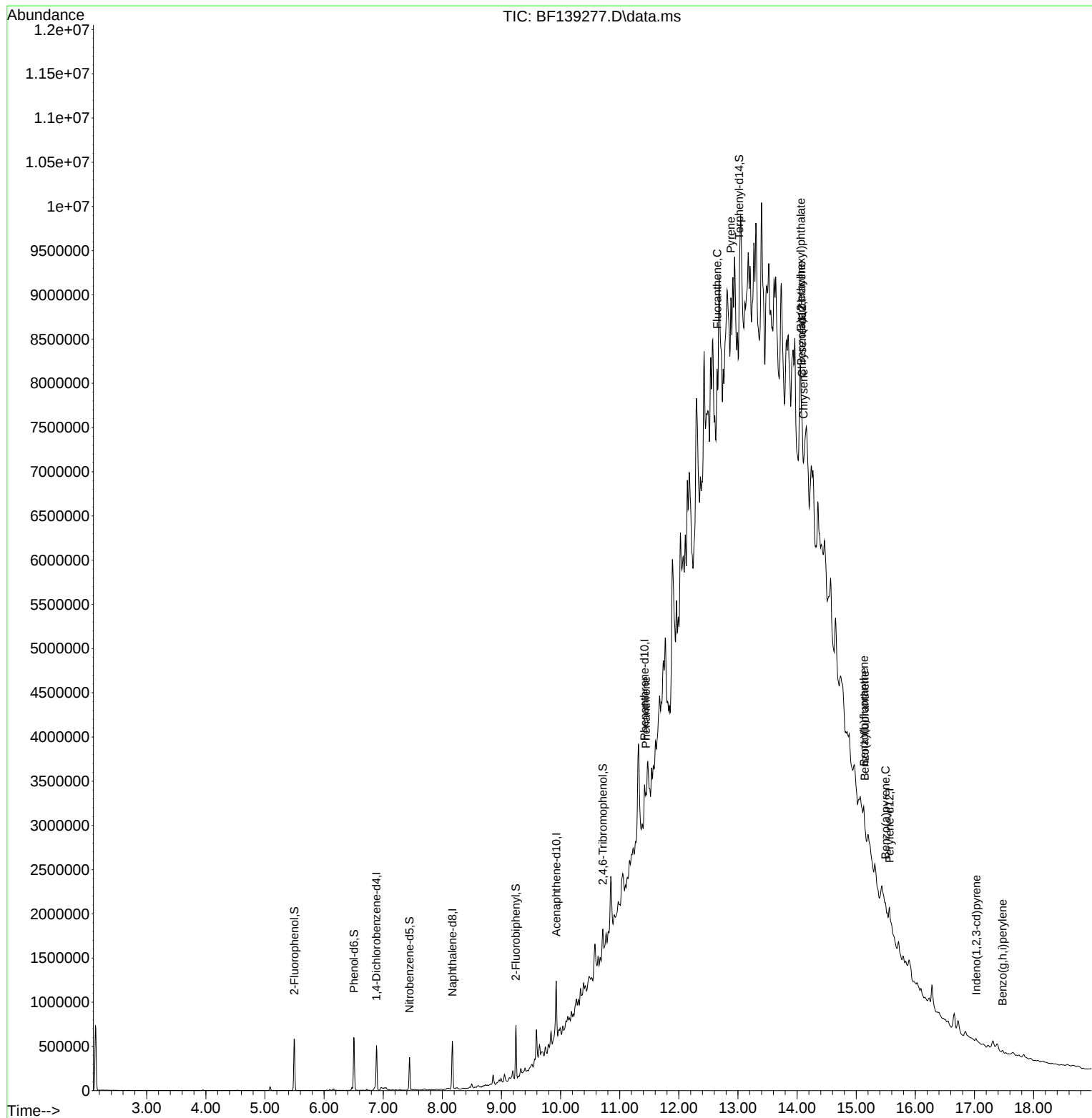
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090624\
Data File : BF139277.D
Acq On : 06 Sep 2024 15:01
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QLast Update : Wed Sep 04 16:11:43 2024
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APPROVED

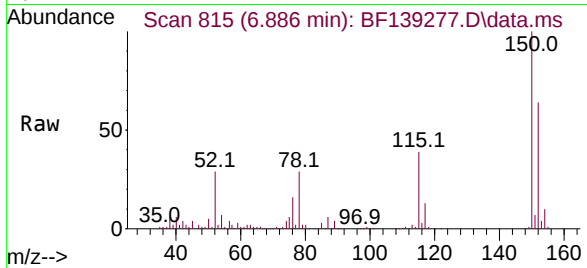
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.007 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

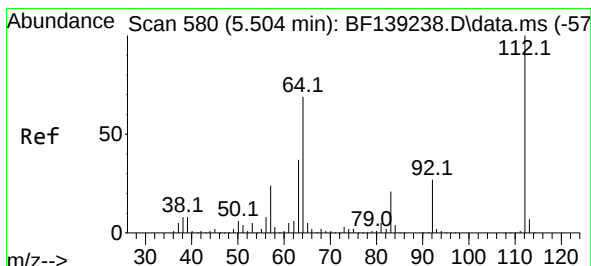
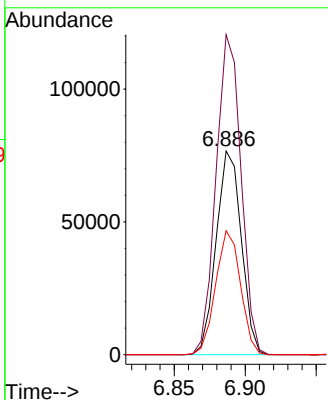
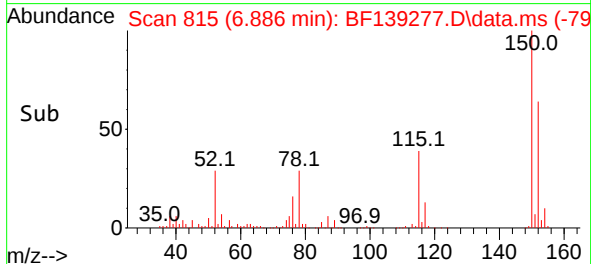
Instrument :
BNA_F
ClientSampleId :
ETGI356DL



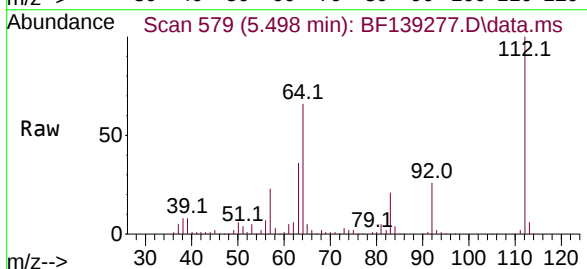
Tgt Ion:152 Resp: 94460
Ion Ratio Lower Upper
152 100
150 157.1 127.0 190.4
115 60.9 46.9 70.3

Manual Integrations
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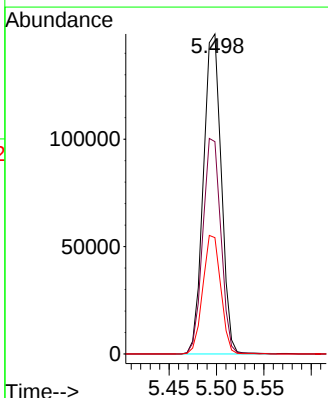
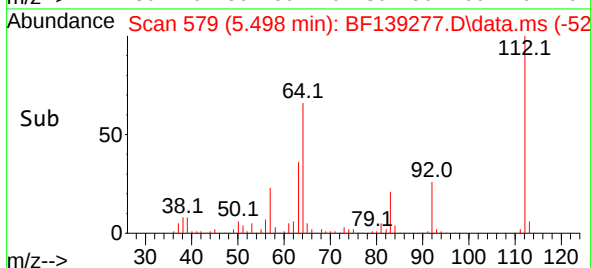
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#5
2-Fluorophenol
Concen: 34.643 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.006 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01



Tgt Ion:112 Resp: 195630
Ion Ratio Lower Upper
112 100
64 66.3 55.0 82.4
63 36.4 29.9 44.9





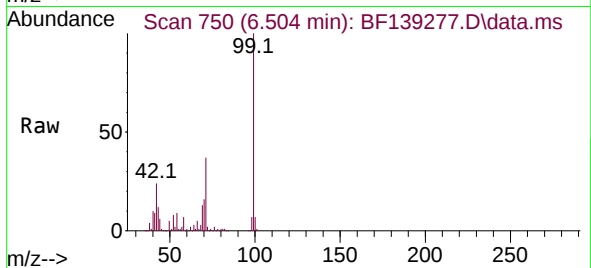
#7
Phenol-d6
Concen: 32.125 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

Instrument :

BNA_F

ClientSampleId :

ETGI356DL

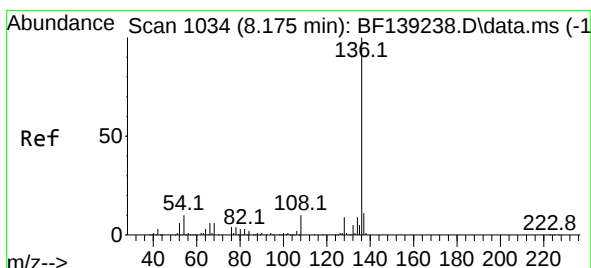
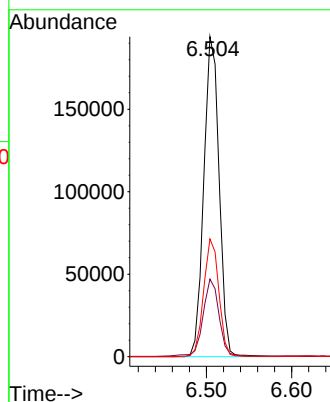
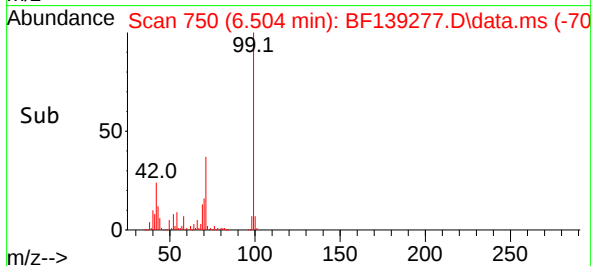


Tgt Ion: 99 Resp: 242179
Ion Ratio Lower Upper
99 100
42 24.3 19.8 29.6
71 36.8 28.8 43.2

Manual Integrations

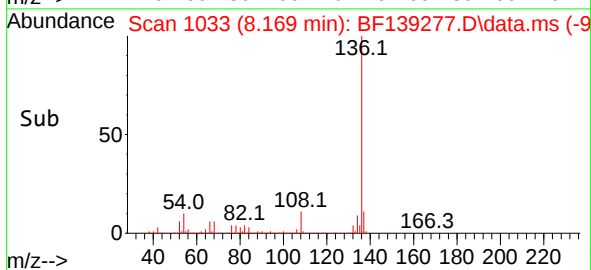
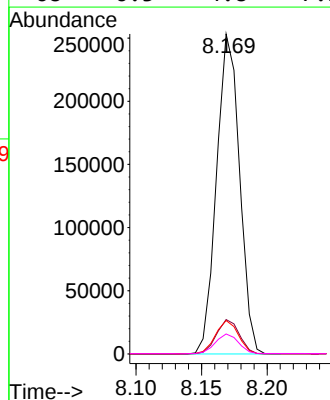
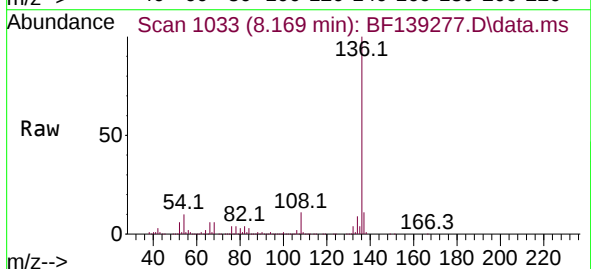
APPROVED

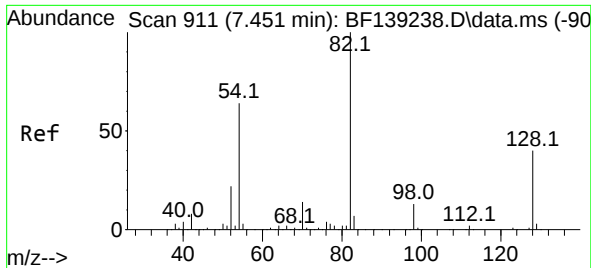
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

Tgt Ion:136 Resp: 309111
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.4 8.4 12.6
68 6.3 4.8 7.2





#23
Nitrobenzene-d5
Concen: 24.000 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

Instrument :

BNA_F

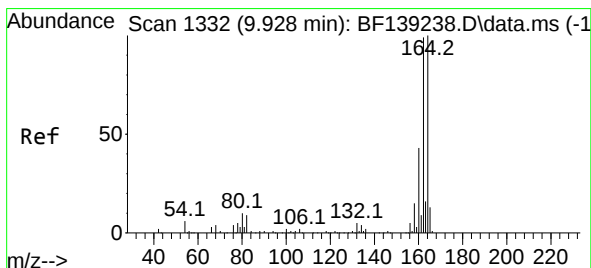
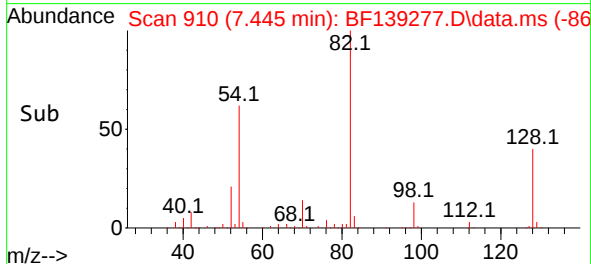
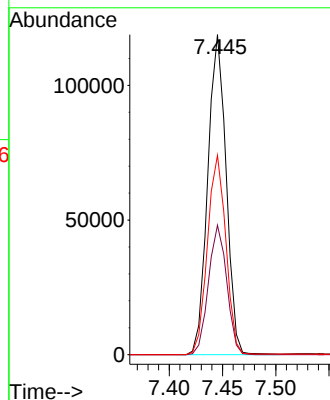
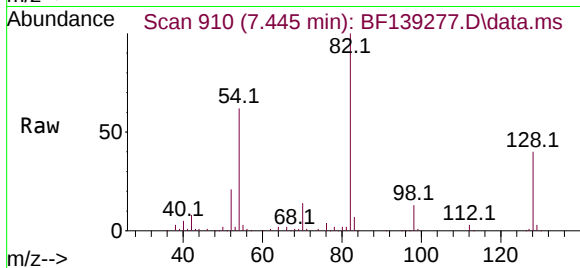
ClientSampleId :

ETGI356DL

Tgt Ion: 82 Resp: 142600
Ion Ratio Lower Upper
82 100
128 40.4 32.3 48.5
54 62.3 51.2 76.8

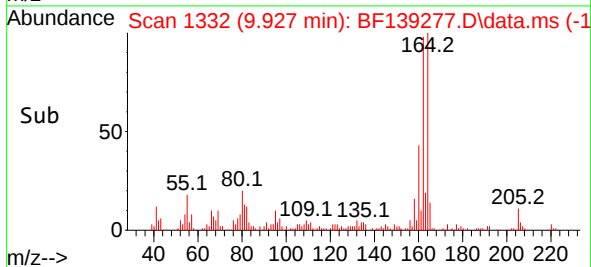
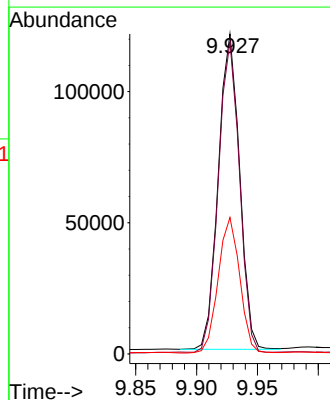
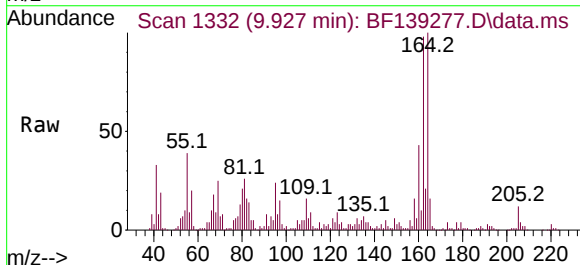
Manual Integrations
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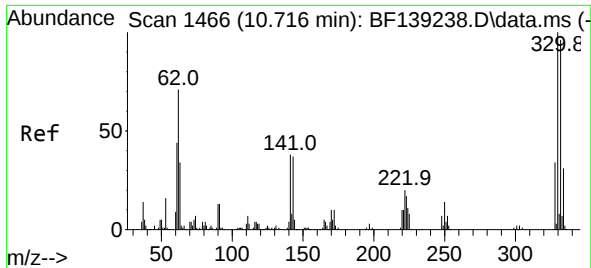
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

Tgt Ion:164 Resp: 146363
Ion Ratio Lower Upper
164 100
162 97.6 79.2 118.8
160 42.6 34.2 51.2





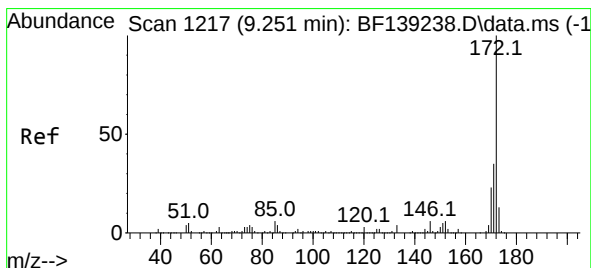
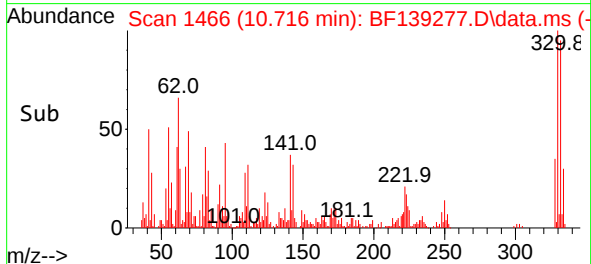
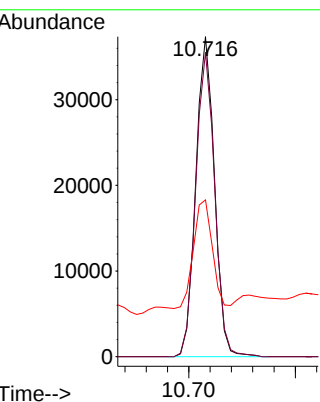
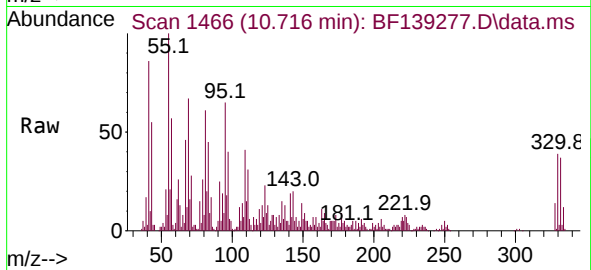
#42
2,4,6-Tribromophenol
Concen: 36.033 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

Instrument :
BNA_F
ClientSampleId :
ETGI356DL

Tgt Ion:330 Resp: 4554
Ion Ratio Lower Upper
330 100
332 96.9 76.6 115.0
141 34.3 30.1 45.1

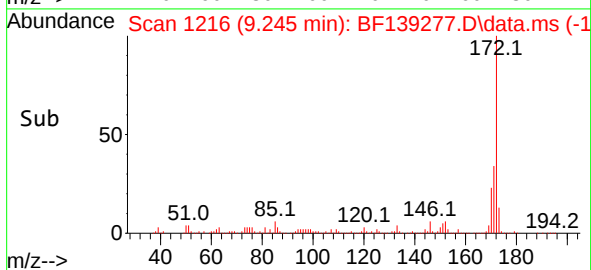
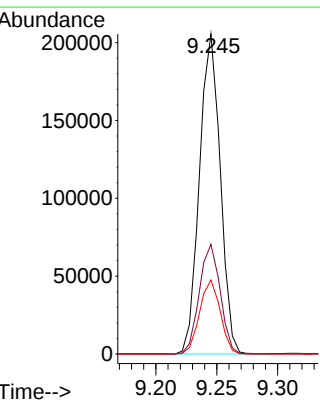
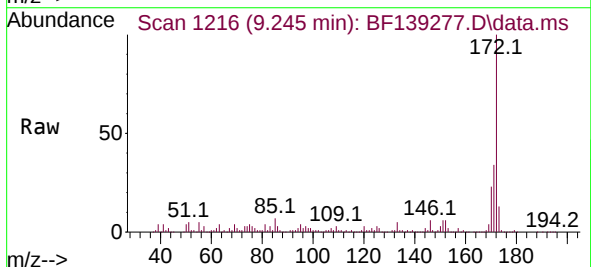
Manual Integrations
APPROVED

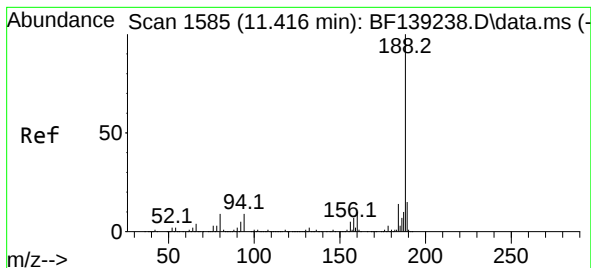
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#45
2-Fluorobiphenyl
Concen: 25.803 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

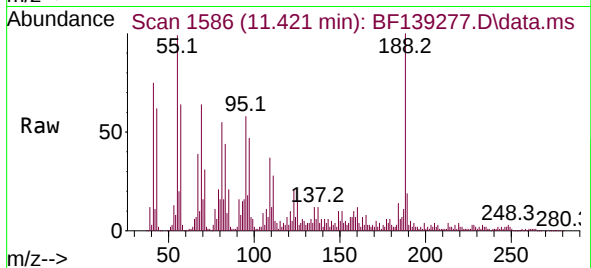
Tgt Ion:172 Resp: 244652
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 23.1 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

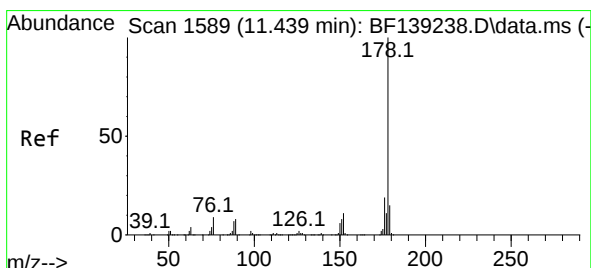
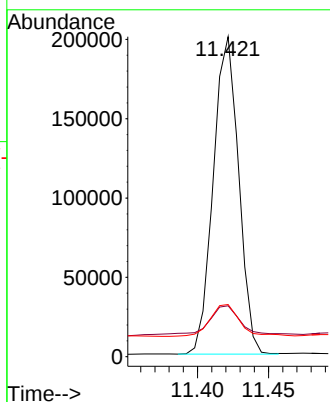
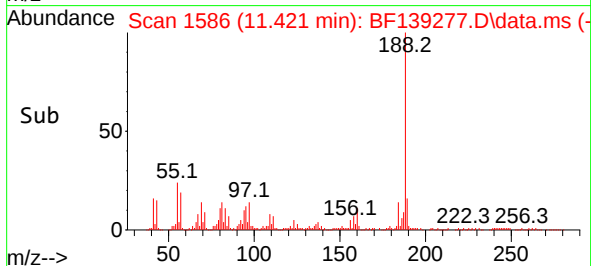
Instrument :
BNA_F
ClientSampleId :
ETGI356DL



Tgt Ion:188 Resp: 24849
Ion Ratio Lower Upper
188 100
94 15.9 7.0 10.4
80 16.3 7.3 10.9

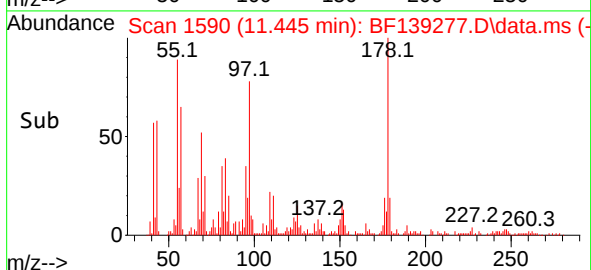
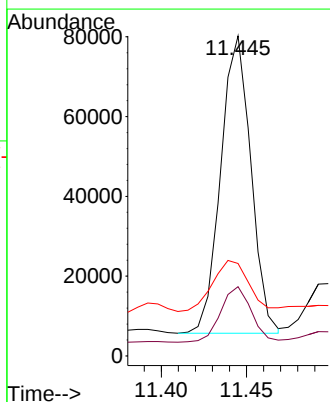
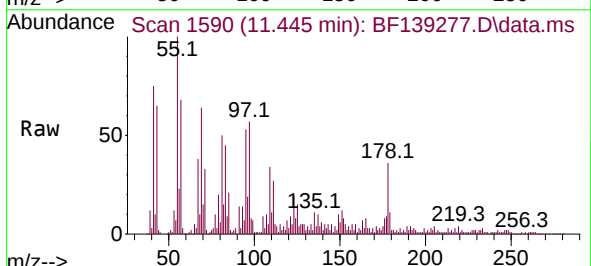
Manual Integrations
APPROVED

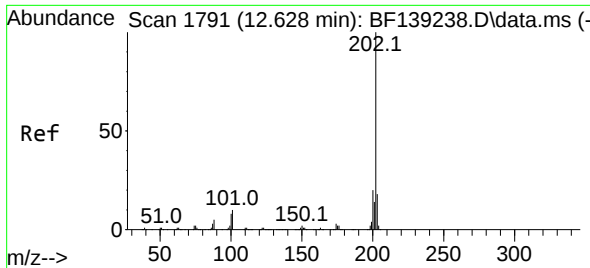
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#71
Phenanthrene
Concen: 7.901 ng
RT: 11.445 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

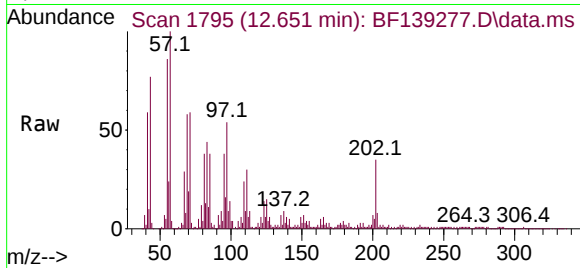
Tgt Ion:178 Resp: 91719
Ion Ratio Lower Upper
178 100
176 21.7 15.4 23.0
179 28.9 12.3 18.5





#75
Fluoranthene
Concen: 23.183 ng
RT: 12.651 min Scan# 11
Delta R.T. 0.023 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

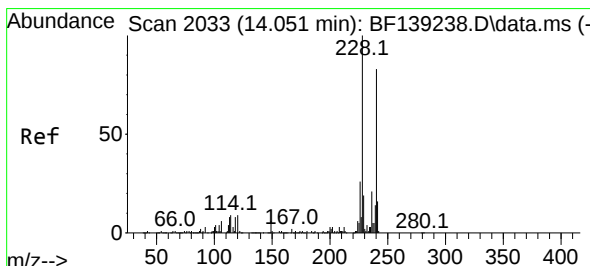
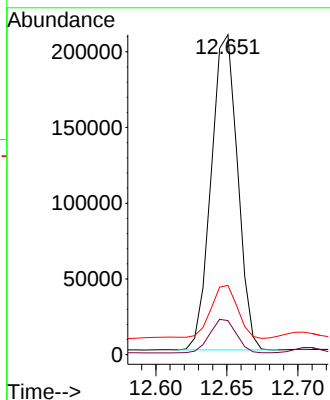
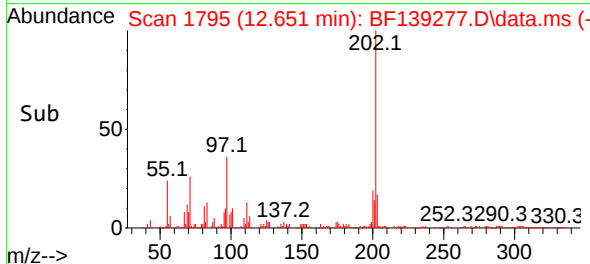
Instrument :
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ETGI356DL



Tgt Ion:202 Resp: 26980
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.9
203 21.7 0.0 37.7

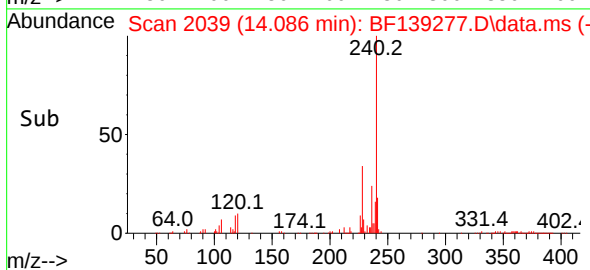
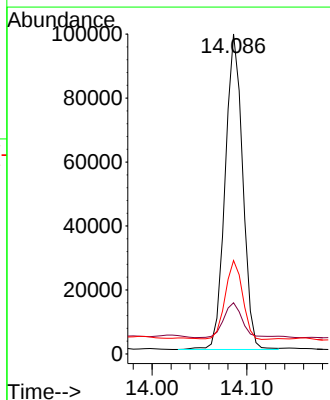
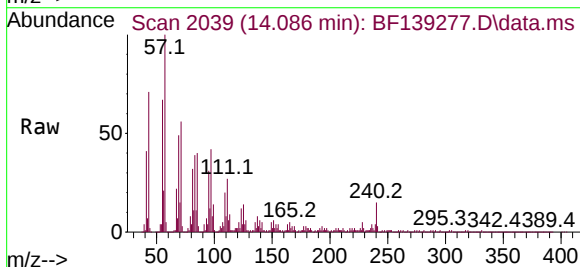
Manual Integrations
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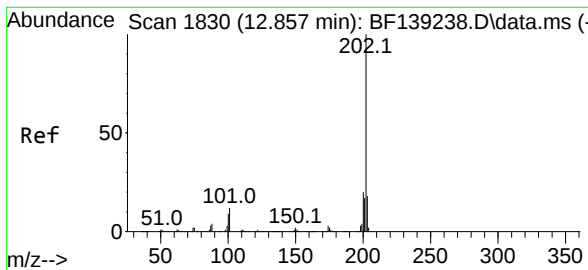
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2039
Delta R.T. 0.035 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

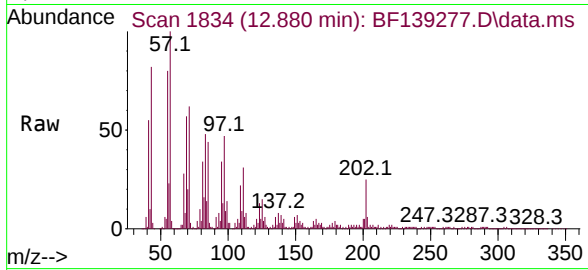
Tgt Ion:240 Resp: 127196
Ion Ratio Lower Upper
240 100
120 16.0 8.6 12.8#
236 29.2 20.7 31.1





#78
Pyrene
Concen: 17.654 ng
RT: 12.880 min Scan# 1834
Delta R.T. 0.023 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

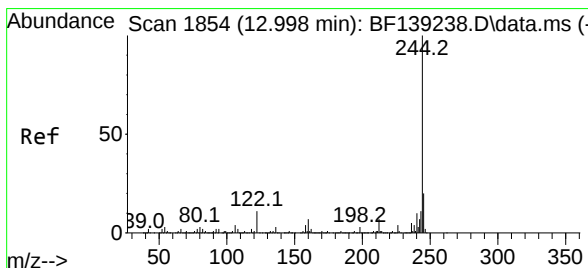
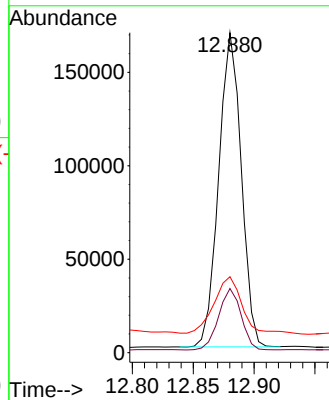
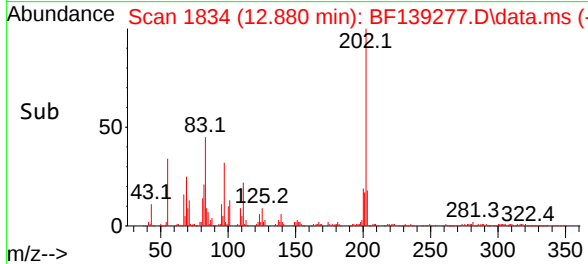
Instrument :
BNA_F
ClientSampleId :
ETGI356DL



Tgt Ion:202 Resp: 216919
Ion Ratio Lower Upper
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200 20.0 15.8 23.8
203 23.7 14.1 21.1

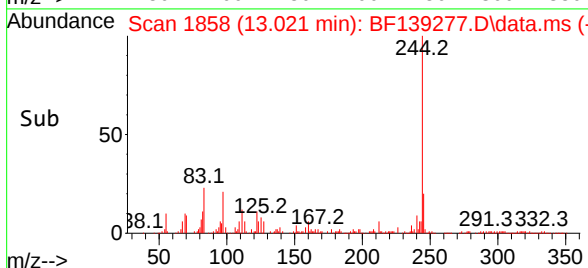
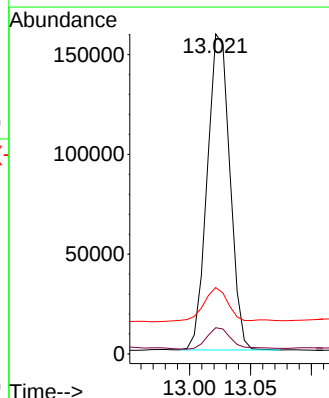
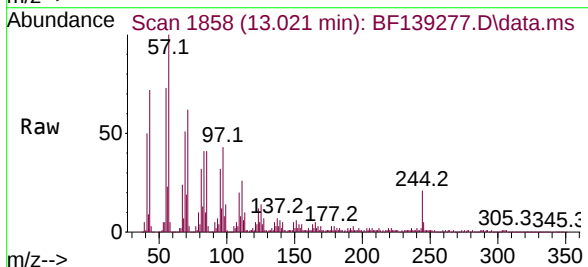
Manual Integrations
APPROVED

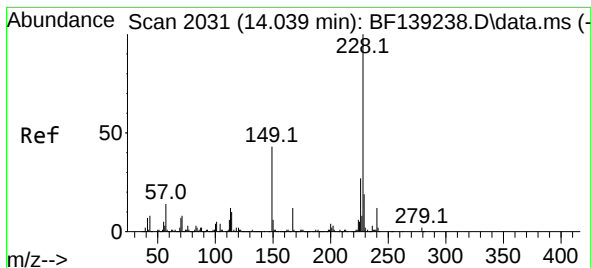
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#79
Terphenyl-d14
Concen: 26.007 ng
RT: 13.021 min Scan# 1858
Delta R.T. 0.023 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

Tgt Ion:244 Resp: 204884
Ion Ratio Lower Upper
244 100
212 8.2 5.9 8.9
122 20.8 8.7 13.1





#81

Benzo(a)anthracene

Concen: 8.915 ng

RT: 14.074 min Scan# 2031

Delta R.T. 0.035 min

Lab File: BF139277.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_F

ClientSampleId :

ETGI356DL

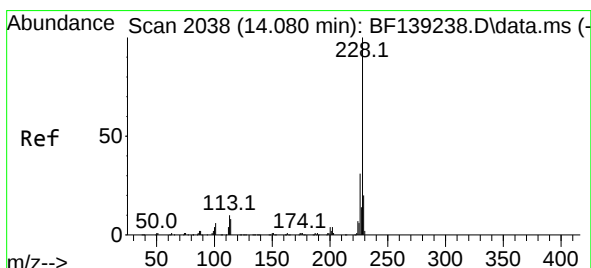
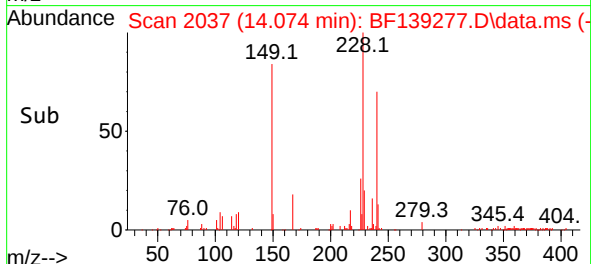
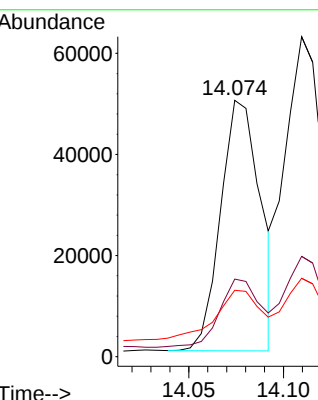
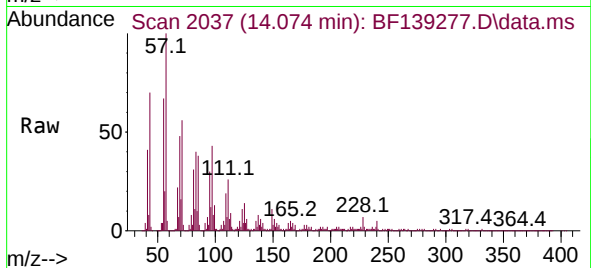
Tgt Ion:	228	Resp:	72400
Ion Ratio	Lower	Upper	
228	100		
226	30.3	21.5	32.3
229	25.9	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/07/2024

Supervised By :mohammad ahmed 09/07/2024



#83

Chrysene

Concen: 11.436 ng

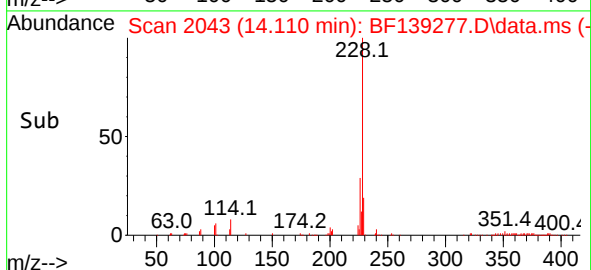
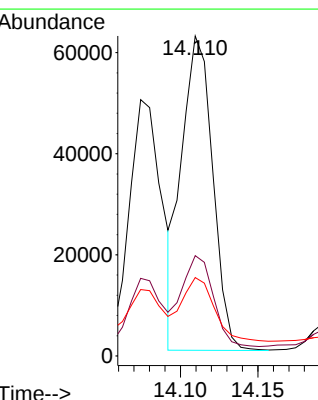
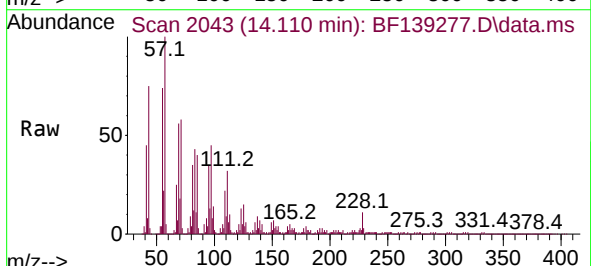
RT: 14.110 min Scan# 2043

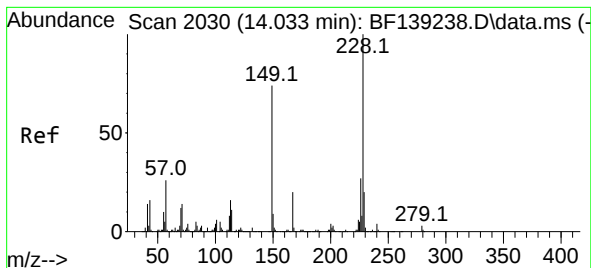
Delta R.T. 0.029 min

Lab File: BF139277.D

Acq: 06 Sep 2024 15:01

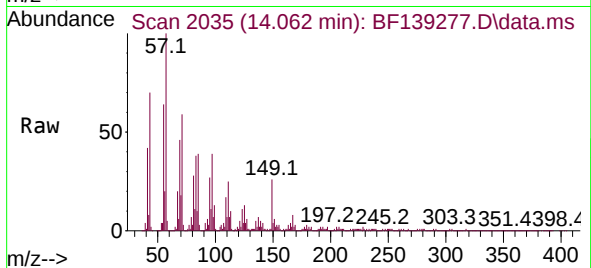
Tgt Ion:	228	Resp:	86688
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.8	35.8
229	24.5	15.8	23.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 61.139 ng
RT: 14.062 min Scan# 2035
Delta R.T. 0.029 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

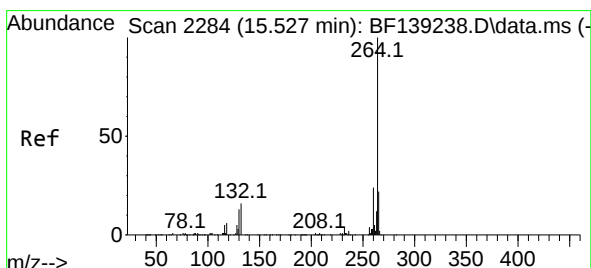
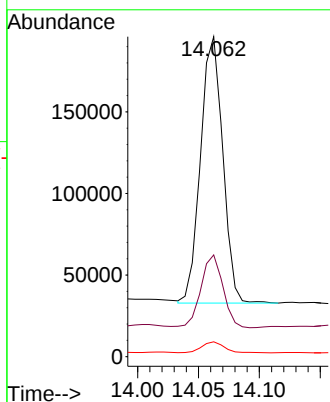
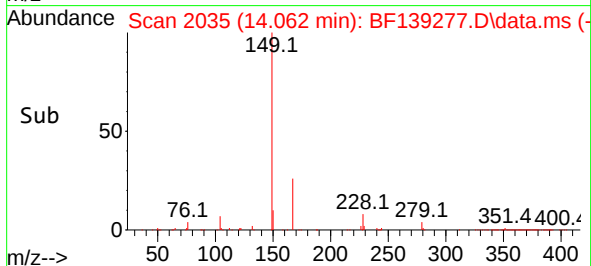
Instrument :
BNA_F
ClientSampleId :
ETGI356DL



Tgt Ion:149 Resp: 207570
Ion Ratio Lower Upper
149 100
167 31.8 21.8 32.6
279 4.7 3.0 4.6

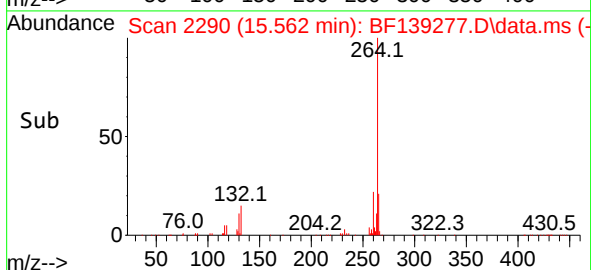
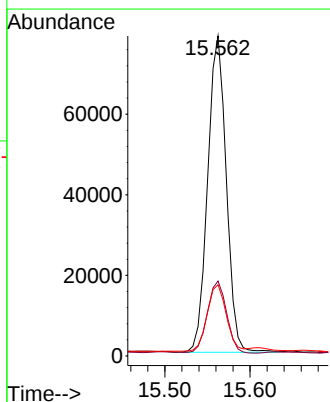
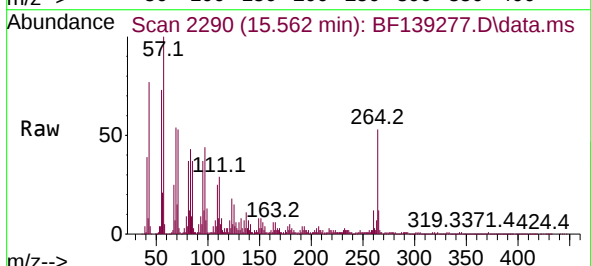
Manual Integrations
APPROVED

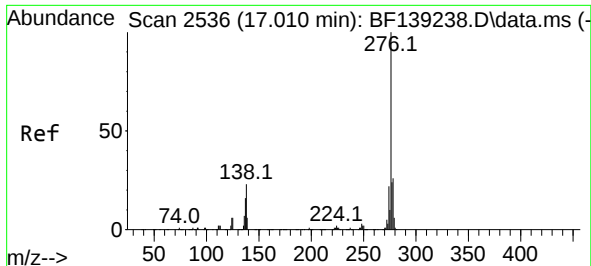
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2290
Delta R.T. 0.035 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

Tgt Ion:264 Resp: 119183
Ion Ratio Lower Upper
264 100
260 23.4 18.8 28.2
265 22.2 17.3 25.9





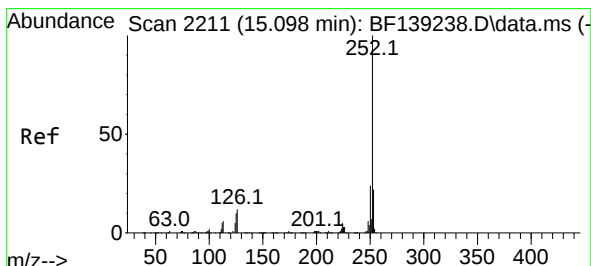
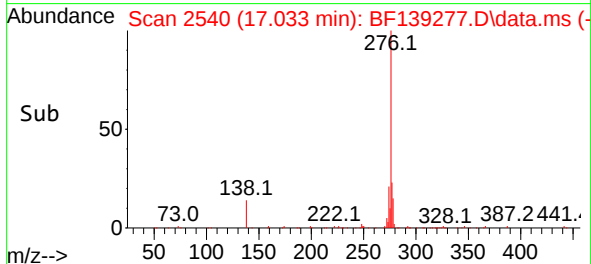
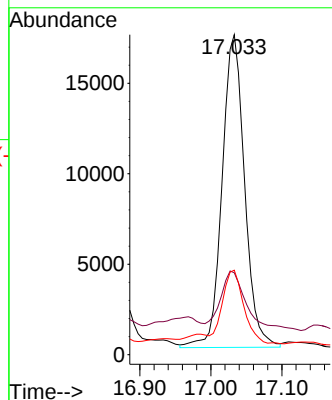
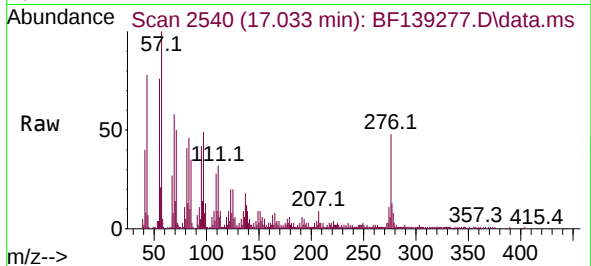
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.108 ng
RT: 17.033 min Scan# 2117
Delta R.T. 0.023 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

Instrument :
BNA_F
ClientSampleId :
ETGI356DL

Tgt Ion:276 Resp: 38030
Ion Ratio Lower Upper
276 100
138 22.0 20.4 30.6
277 22.5 20.3 30.5

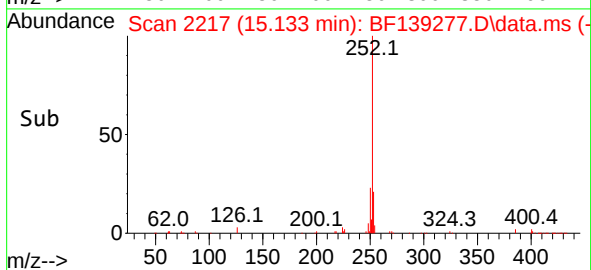
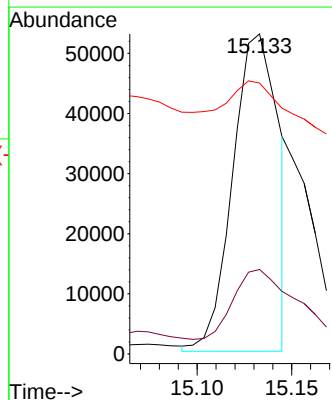
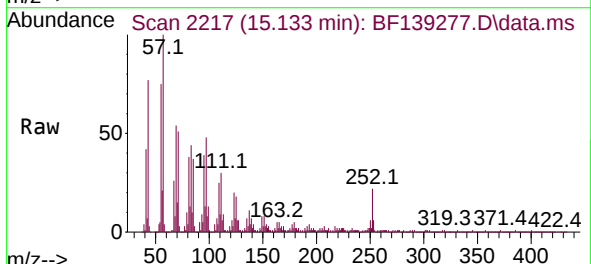
Manual Integrations
APPROVED

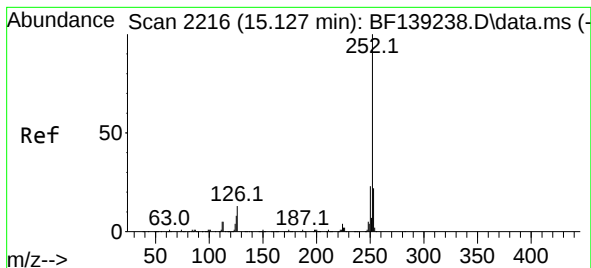
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#88
Benzo(b)fluoranthene
Concen: 12.905 ng m
RT: 15.133 min Scan# 2217
Delta R.T. 0.035 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

Tgt Ion:252 Resp: 88576
Ion Ratio Lower Upper
252 100
253 26.4 17.6 26.4#
125 84.7 7.6 11.4#





#89

Benzo(k)fluoranthene

Concen: 5.697 ng m

RT: 15.145 min Scan# 2216

Delta R.T. 0.017 min

Lab File: BF139277.D

Acq: 06 Sep 2024 15:01

Instrument :

BNF

ClientSampleId :

ETGI356DL

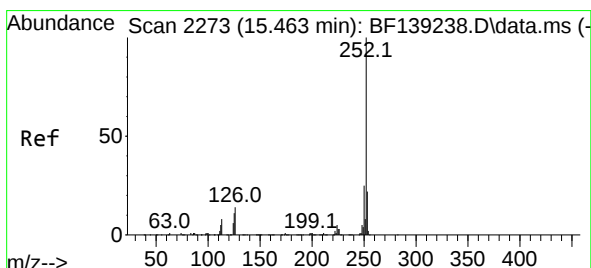
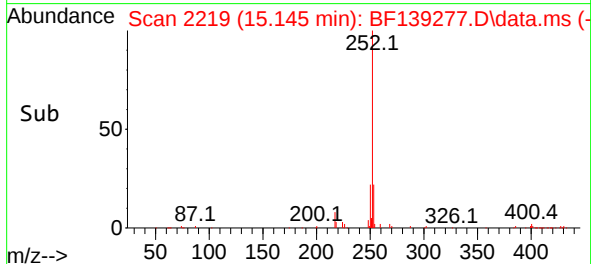
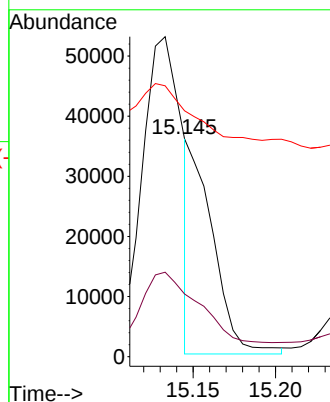
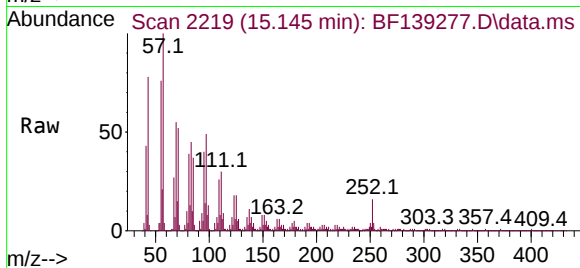
Tgt Ion:	252	Resp:	35060
Ion Ratio	Lower	Upper	
252	100		
253	28.8	17.6	26.4
125	112.9	7.2	10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/07/2024

Supervised By :mohammad ahmed 09/07/2024



#90

Benzo(a)pyrene

Concen: 8.368 ng

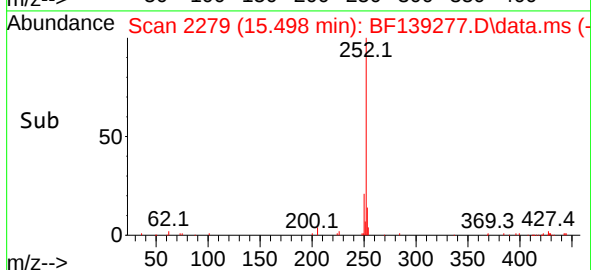
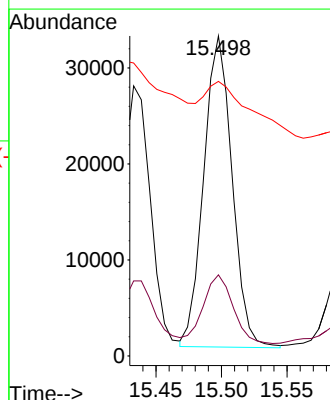
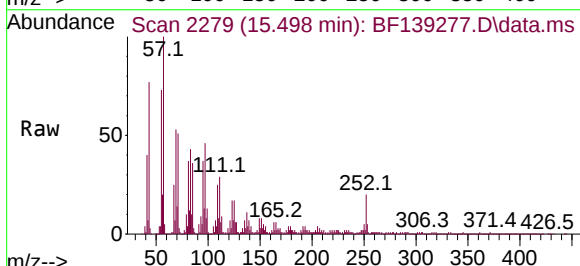
RT: 15.498 min Scan# 2279

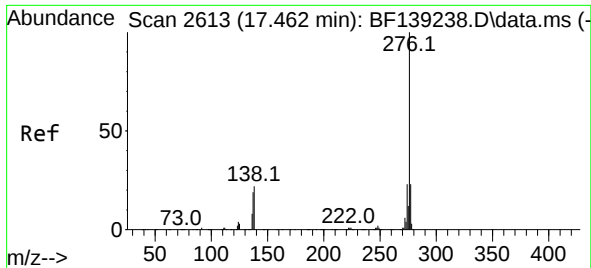
Delta R.T. 0.035 min

Lab File: BF139277.D

Acq: 06 Sep 2024 15:01

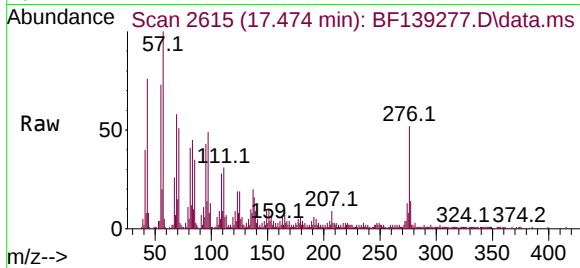
Tgt Ion:	252	Resp:	48771
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.5	26.3
125	85.8	8.6	13.0





#92
Benzo(g,h,i)perylene
Concen: 5.446 ng
RT: 17.474 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

Instrument :
BNA_F
ClientSampleId :
ETGI356DL



Tgt Ion: 276 Resp: 3449
Ion Ratio Lower Upper
276 100
277 26.9 18.6 27.8
138 30.0 17.4 26.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

