

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
 Data File : BP008358.D
 Acq On : 11 Dec 2021 01:03
 Operator : CG/JU
 Sample : M4944-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-362

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/11/2021
 Supervised By : Jagrut Upadhyay 12/13/2021

Quant Time: Dec 11 04:03:13 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 03:53:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	82090	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	271800	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	146896	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	291887	20.000	ng	0.00
76) Chrysene-d12	21.280	240	363782	20.000	ng	0.00
86) Perylene-d12	23.662	264	415460	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	495517	97.190	ng	0.00
7) Phenol-d6	6.952	99	559782	81.333	ng	0.00
23) Nitrobenzene-d5	8.922	82	397400	66.487	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	176516	94.013	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	687409	67.972	ng	0.00
79) Terphenyl-d14	19.751	244	917484	52.709	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.216	178	152219	9.877	ng	100
72) Anthracene	17.310	178	38962	2.548	ng	99
75) Fluoranthene	19.198	202	442526	21.316	ng	98
78) Pyrene	19.551	202	393037	15.455	ng	99
81) Benzo(a)anthracene	21.268	228	223644	9.276	ng	99
83) Chrysene	21.316	228	277474	12.094	ng	98
84) Bis(2-ethylhexyl)phtha...	21.198	149	69066	4.391	ng	# 99
87) Indeno(1,2,3-cd)pyrene	26.145	276	178544	5.907	ng	# 94
88) Benzo(b)fluoranthene	22.939	252	398956	15.929	ng	98
89) Benzo(k)fluoranthene	22.980	252	107796m	4.396	ng	
90) Benzo(a)pyrene	23.557	252	231166	10.799	ng	96
92) Benzo(g,h,i)perylene	26.903	276	173197	6.839	ng	96

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

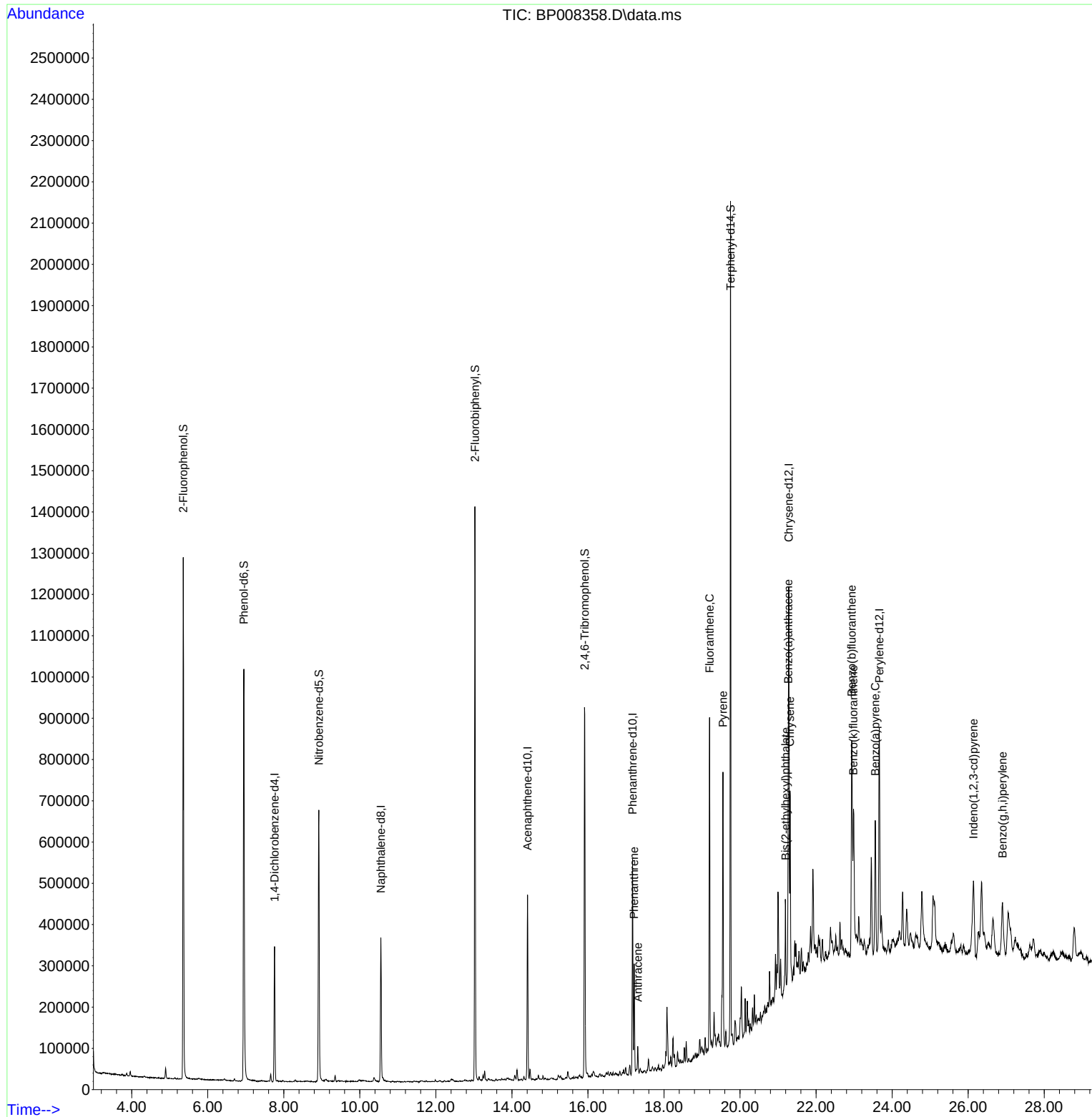
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Data File : BP008358.D
Acq On : 11 Dec 2021 01:03
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ALS Vial : 17 Sample Multiplier: 1

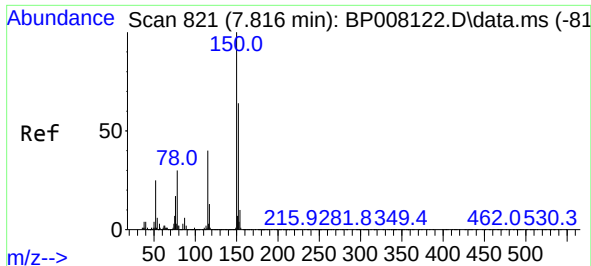
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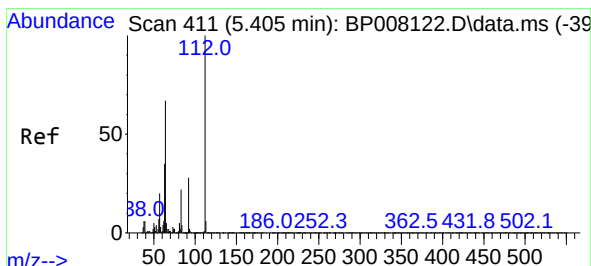
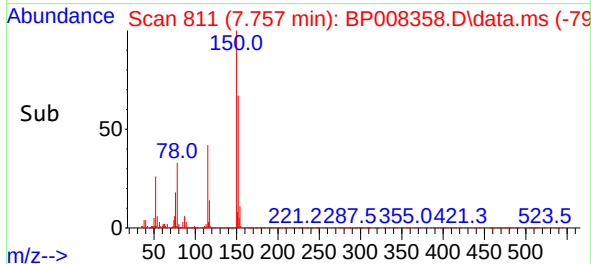
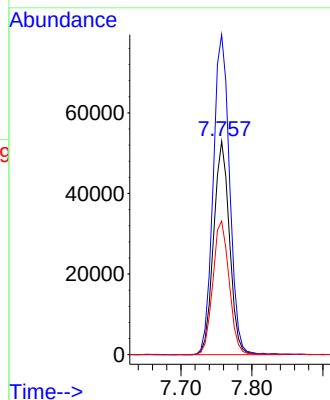
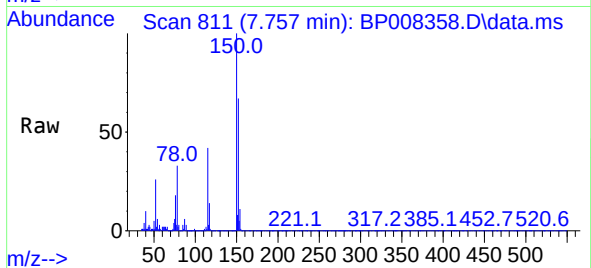
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008358.D
Acq: 11 Dec 2021 01:03

Instrument :
BNA_P
ClientSampleId :
ETGI-362

Tgt Ion:152 Resp: 82090
Ion Ratio Lower Upper
152 100
150 149.9 125.7 188.5
115 62.6 50.7 76.1

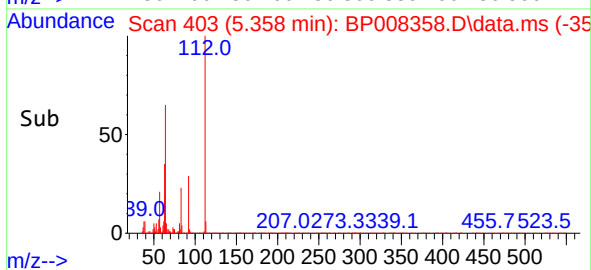
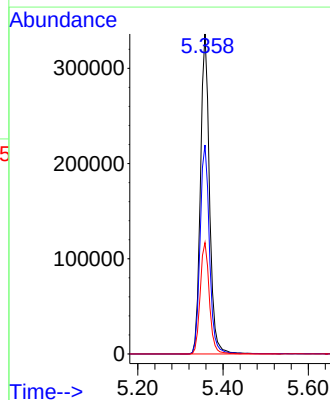
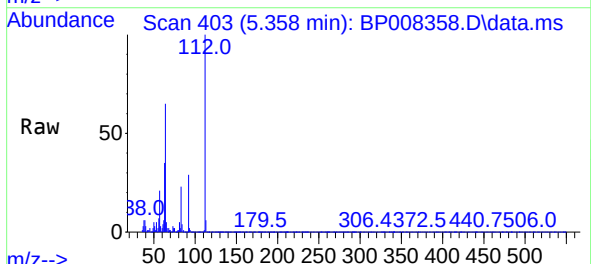
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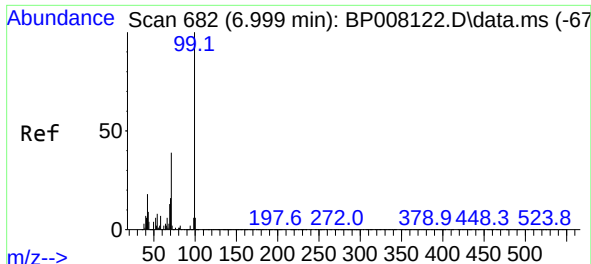
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#5
2-Fluorophenol
Concen: 97.190 ng
RT: 5.358 min Scan# 403
Delta R.T. -0.000 min
Lab File: BP008358.D
Acq: 11 Dec 2021 01:03

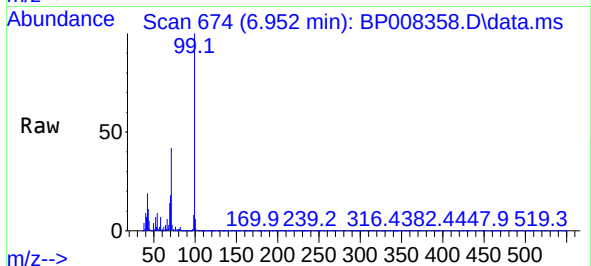
Tgt Ion:112 Resp: 495517
Ion Ratio Lower Upper
112 100
64 65.3 53.4 80.2
63 34.8 27.8 41.8





#7
Phenol-d6
Concen: 81.333 ng
RT: 6.952 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP008358.D
Acq: 11 Dec 2021 01:03

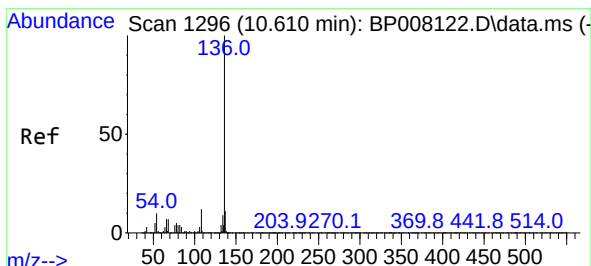
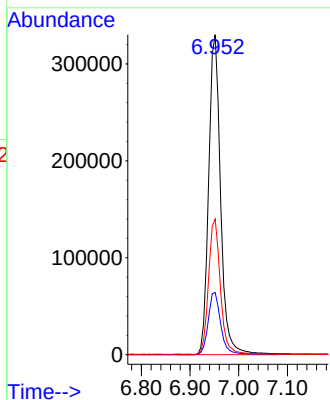
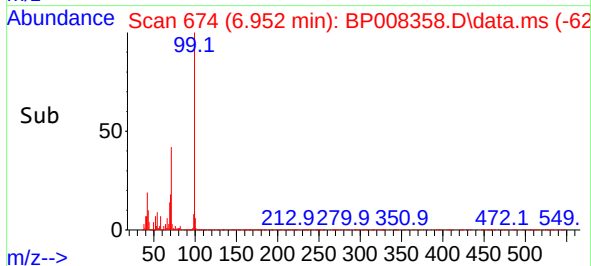
Instrument :
BNA_P
ClientSampleId :
ETGI-362



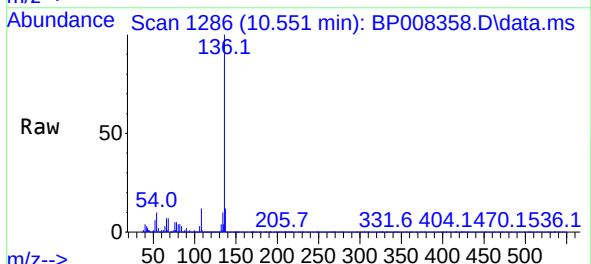
Tgt Ion: 99 Resp: 55978
Ion Ratio Lower Upper
99 100
42 19.5 14.6 22.0
71 42.4 31.1 46.7

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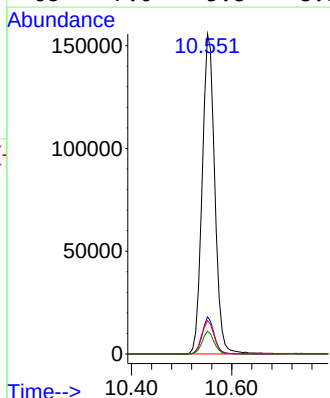
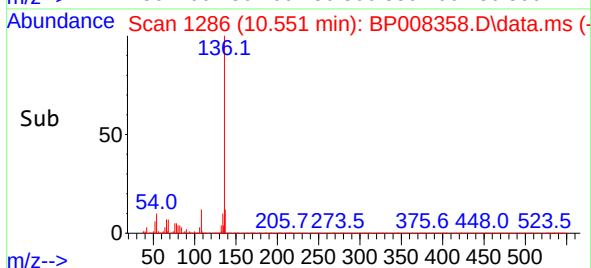
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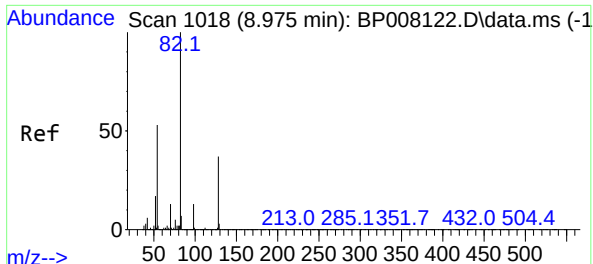


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BP008358.D
Acq: 11 Dec 2021 01:03



Tgt Ion:136 Resp: 271800
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 10.4 8.2 12.4
68 7.0 5.8 8.8





#23

Nitrobenzene-d5

Concen: 66.487 ng

RT: 8.922 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BP008358.D

Acq: 11 Dec 2021 01:03

Instrument :

BNA_P

ClientSampleId :

ETGI-362

Tgt Ion: 82 Resp: 397400

Ion Ratio Lower Upper

82 100

128 37.3 29.6 44.4

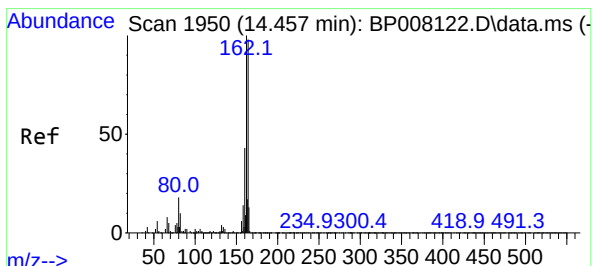
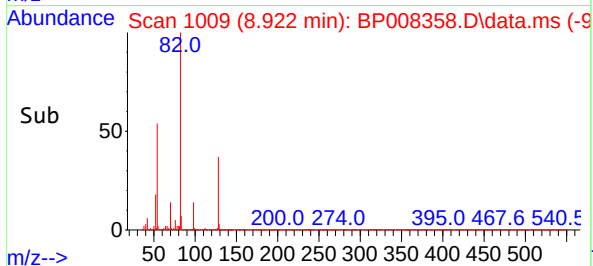
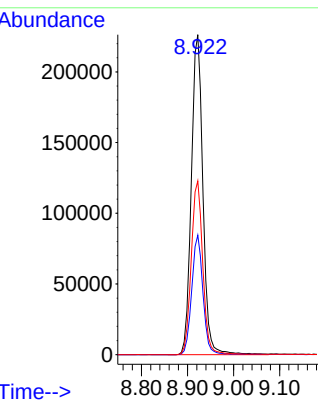
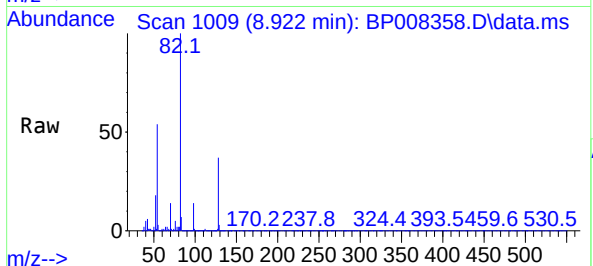
54 54.3 42.7 64.1

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.006 min

Lab File: BP008358.D

Acq: 11 Dec 2021 01:03

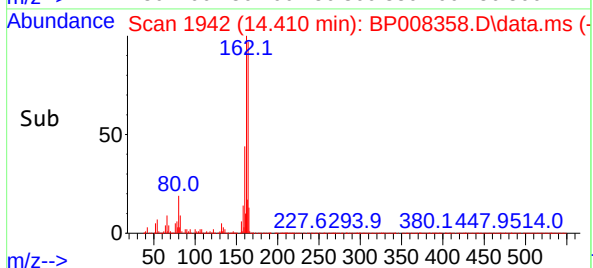
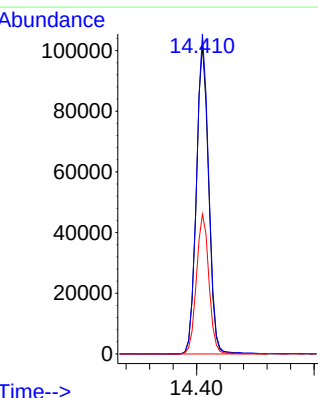
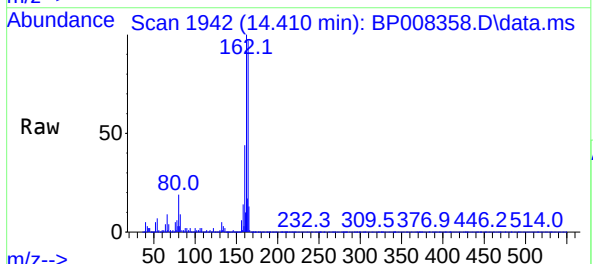
Tgt Ion:164 Resp: 146896

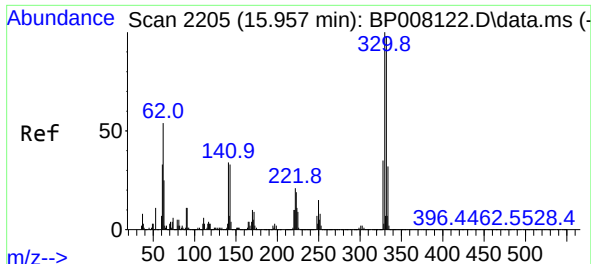
Ion Ratio Lower Upper

164 100

162 103.6 81.9 122.9

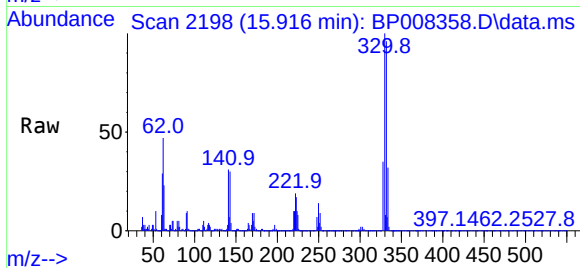
160 45.3 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 94.013 ng
RT: 15.916 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BP008358.D
Acq: 11 Dec 2021 01:03

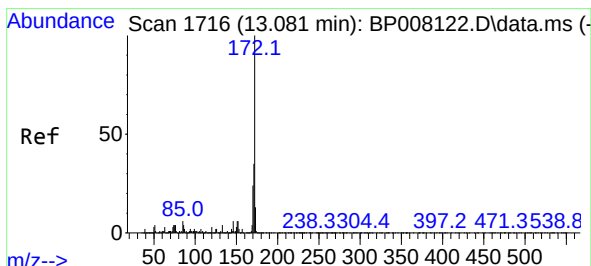
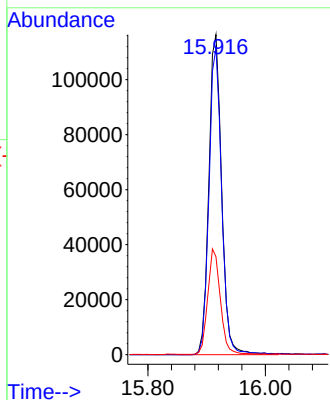
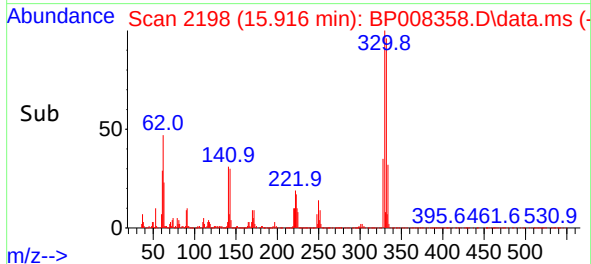
Instrument :
BNA_P
ClientSampleId :
ETGI-362



Tgt Ion:330 Resp: 176510
Ion Ratio Lower Upper
330 100
332 94.8 77.0 115.4
141 32.6 28.4 42.6

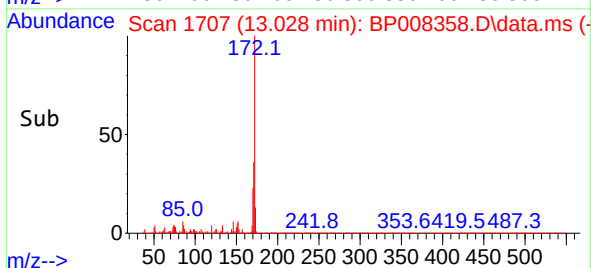
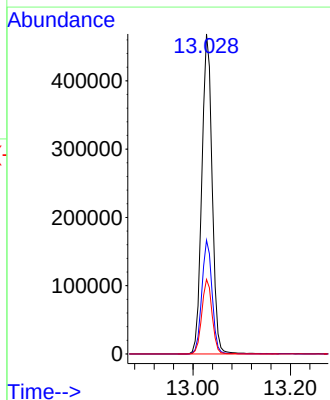
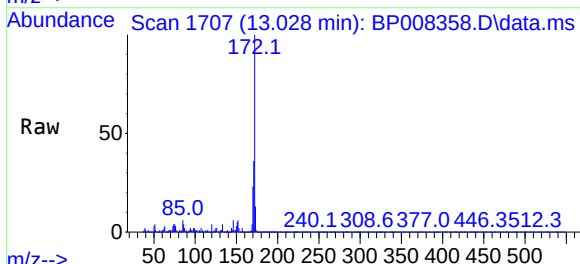
Manual Integrations
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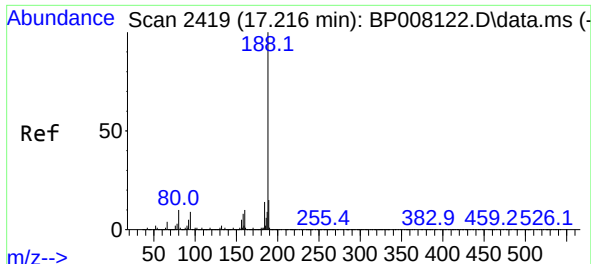
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#45
2-Fluorobiphenyl
Concen: 67.972 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP008358.D
Acq: 11 Dec 2021 01:03

Tgt Ion:172 Resp: 687409
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.3 18.9 28.3





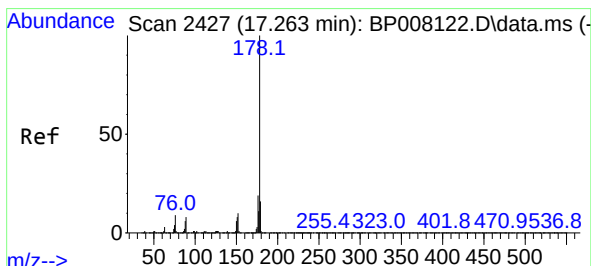
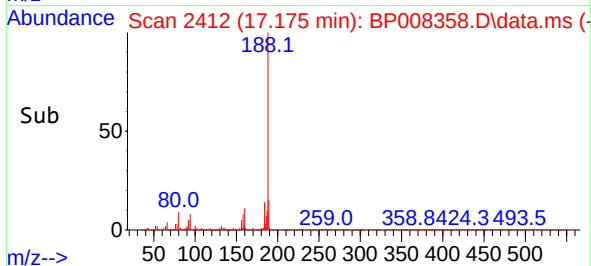
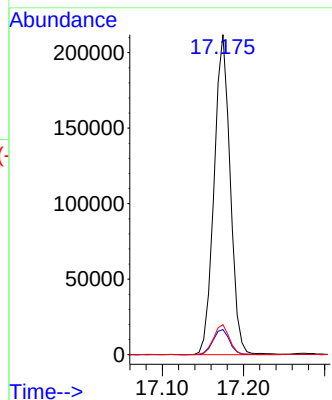
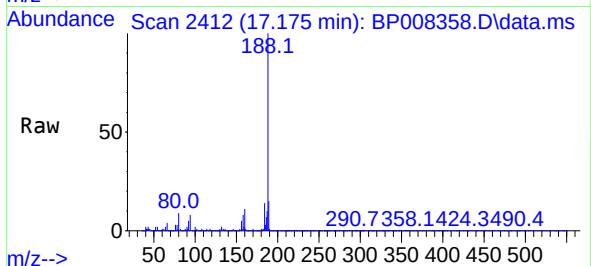
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP008358.D
Acq: 11 Dec 2021 01:03

Instrument :
BNA_P
ClientSampleId :
ETGI-362

Tgt Ion:188 Resp: 29188
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 9.4 8.2 12.4

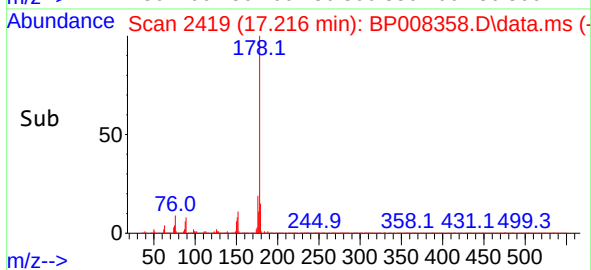
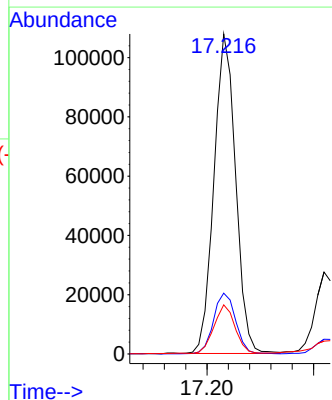
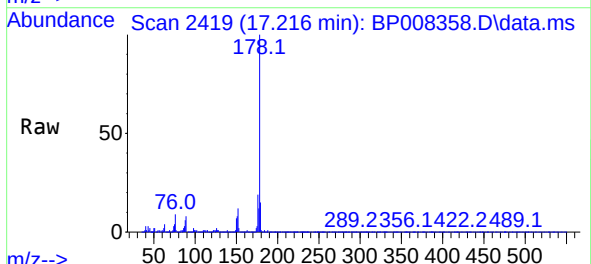
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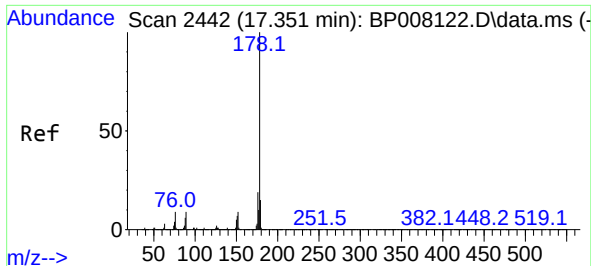
Reviewed By :Christian Giraldo 12/11/2021
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#71
Phenanthrene
Concen: 9.877 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP008358.D
Acq: 11 Dec 2021 01:03

Tgt Ion:178 Resp: 152219
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.3 12.5 18.7





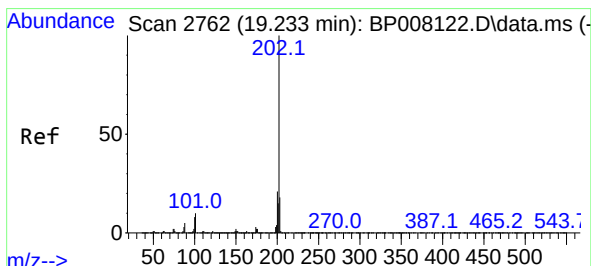
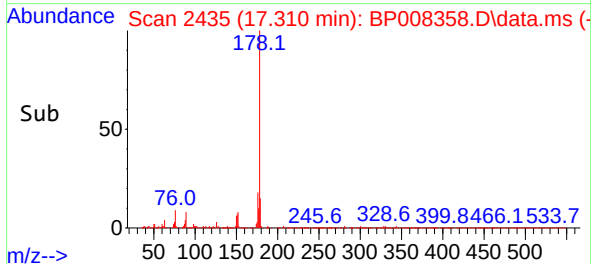
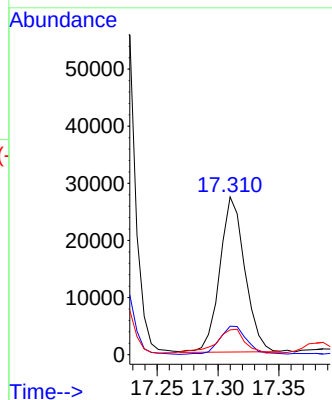
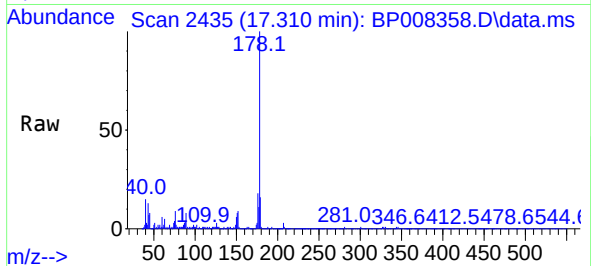
#72
 Anthracene
 Concen: 2.548 ng
 RT: 17.310 min Scan# 2442
 Delta R.T. -0.006 min
 Lab File: BP008358.D
 Acq: 11 Dec 2021 01:03

Instrument :
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 ClientSampleId :
 ETGI-362

Tgt Ion:178 Resp: 38962
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.1 22.7
 179 15.7 12.3 18.5

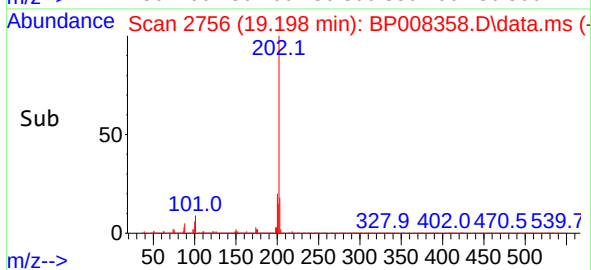
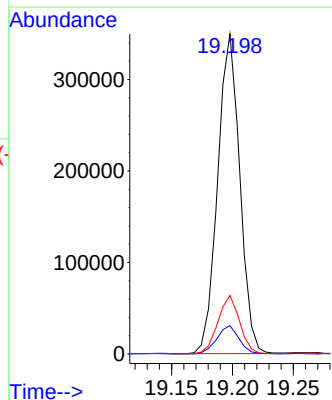
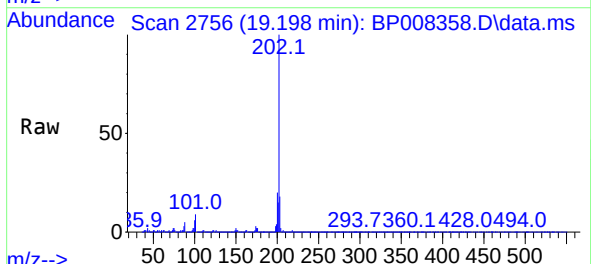
Manual Integrations
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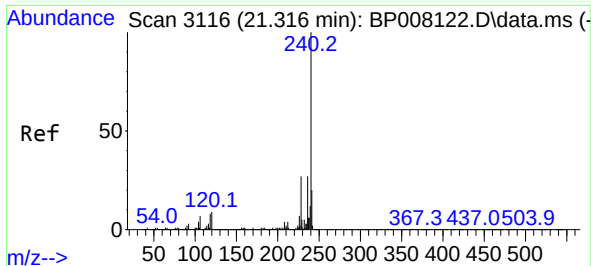
Reviewed By :Christian Giraldo 12/11/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



#75
 Fluoranthene
 Concen: 21.316 ng
 RT: 19.198 min Scan# 2756
 Delta R.T. -0.006 min
 Lab File: BP008358.D
 Acq: 11 Dec 2021 01:03

Tgt Ion:202 Resp: 442526
 Ion Ratio Lower Upper
 202 100
 101 8.9 0.0 29.8
 203 18.3 0.0 37.7





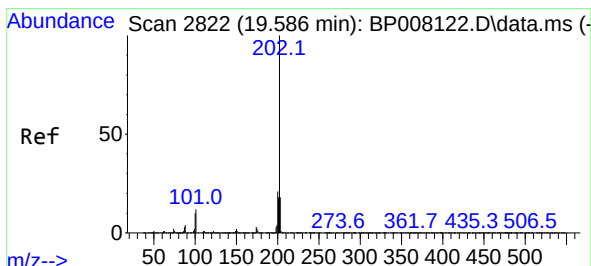
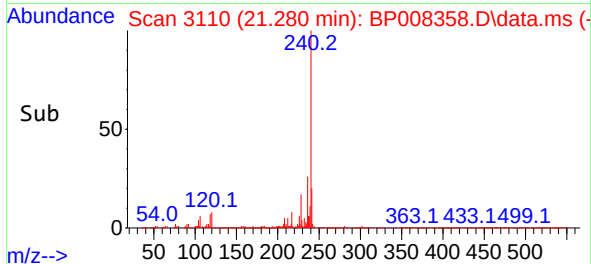
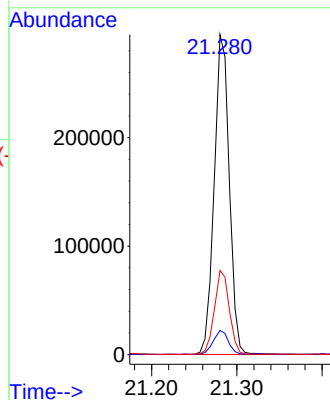
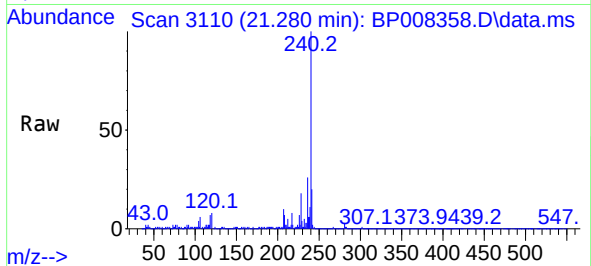
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Chrysene-d12
Concen: 20.000 ng
RT: 21.280 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP008358.D
Acq: 11 Dec 2021 01:03

Instrument :
BNA_P
ClientSampleId :
ETGI-362

Tgt Ion:240 Resp: 36378
Ion Ratio Lower Upper
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120 7.6 7.3 10.9
236 26.3 21.4 32.2

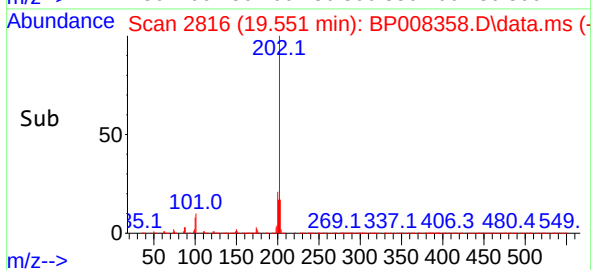
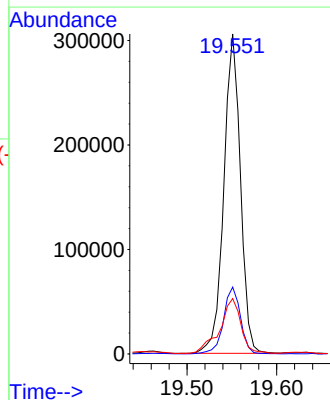
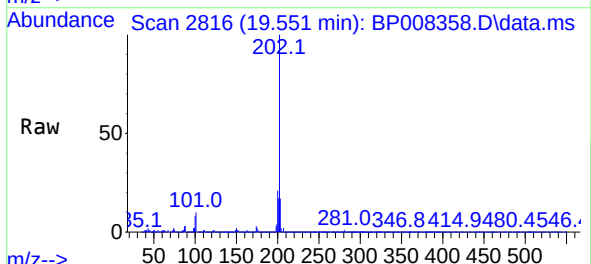
Manual Integrations
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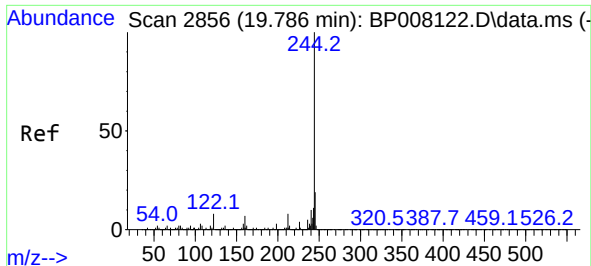
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#78
Pyrene
Concen: 15.455 ng
RT: 19.551 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BP008358.D
Acq: 11 Dec 2021 01:03

Tgt Ion:202 Resp: 393037
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 17.3 14.2 21.2





#79
 Terphenyl-d14
 Concen: 52.709 ng
 RT: 19.751 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008358.D
 Acq: 11 Dec 2021 01:03

Instrument :

BNA_P

ClientSampleId :

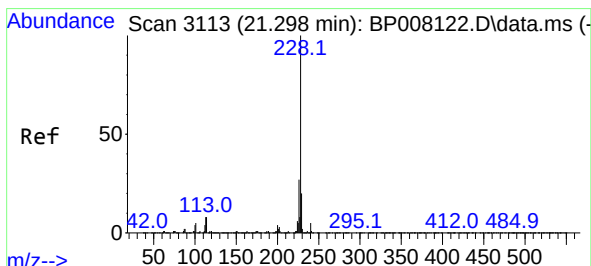
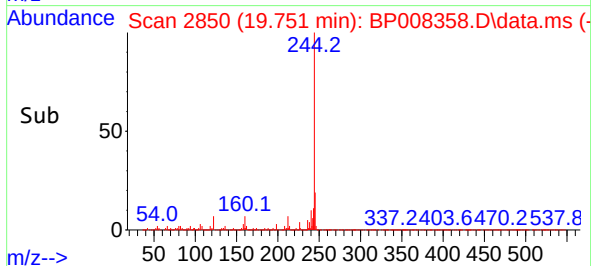
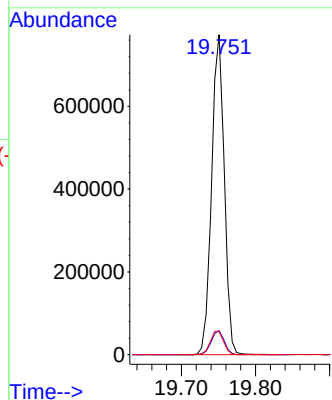
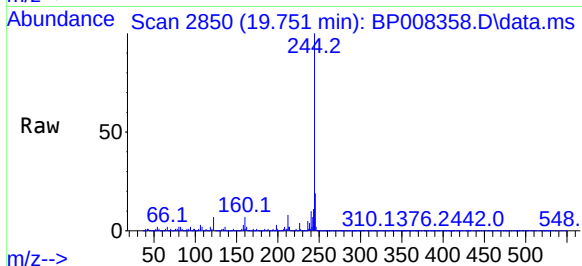
ETGI-362

Tgt Ion:244 Resp: 917484
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 7.3 6.6 9.8

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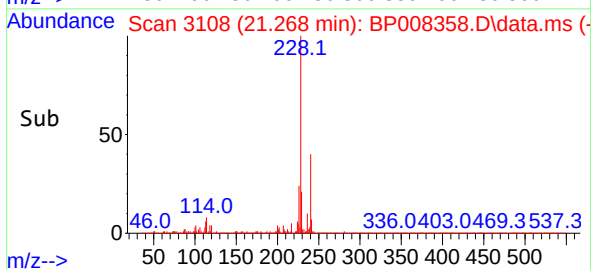
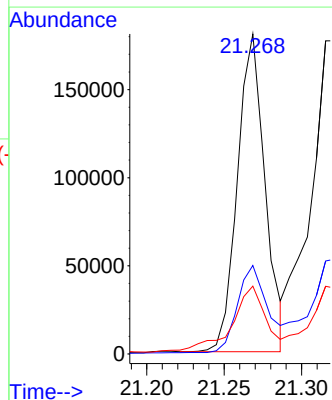
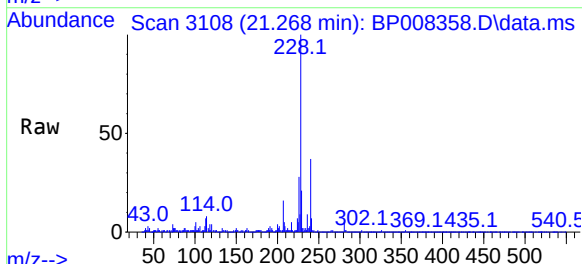
APPROVED

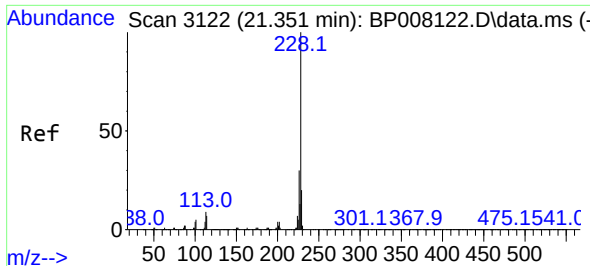
Reviewed By :Christian Giraldo 12/11/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



#81
 Benzo(a)anthracene
 Concen: 9.276 ng
 RT: 21.268 min Scan# 3108
 Delta R.T. -0.006 min
 Lab File: BP008358.D
 Acq: 11 Dec 2021 01:03

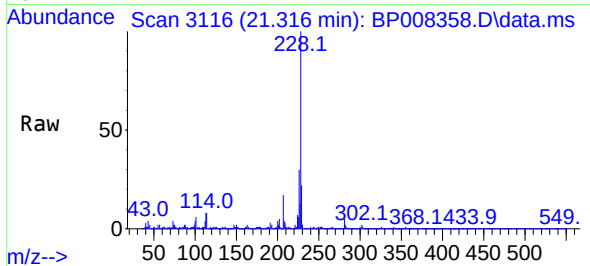
Tgt Ion:228 Resp: 223644
 Ion Ratio Lower Upper
 228 100
 226 27.6 21.9 32.9
 229 21.2 15.9 23.9





#83
Chrysene
Concen: 12.094 ng
RT: 21.316 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BP008358.D
Acq: 11 Dec 2021 01:03

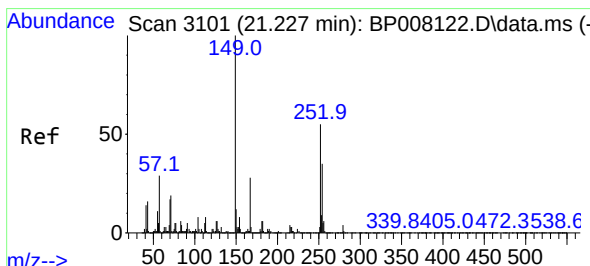
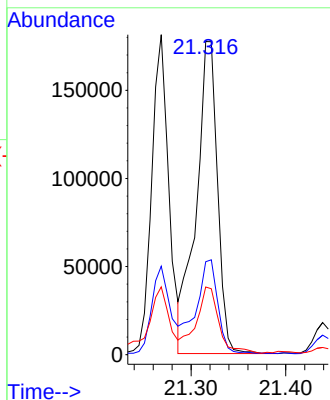
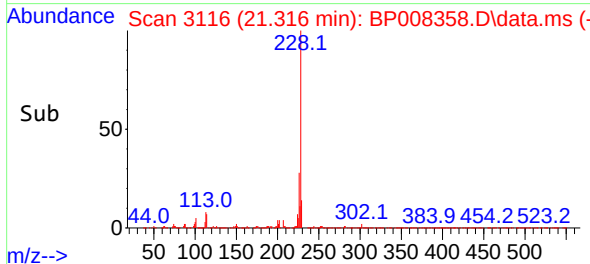
Instrument :
BNA_P
Client Sample Id :
ETGI-362



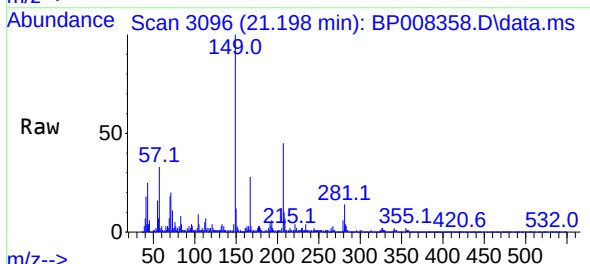
Tgt Ion: 228 Resp: 277474
Ion Ratio Lower Upper
228 100
226 29.7 24.0 36.0
229 21.6 15.8 23.8

Manual Integrations
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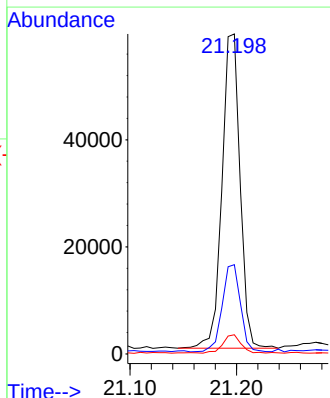
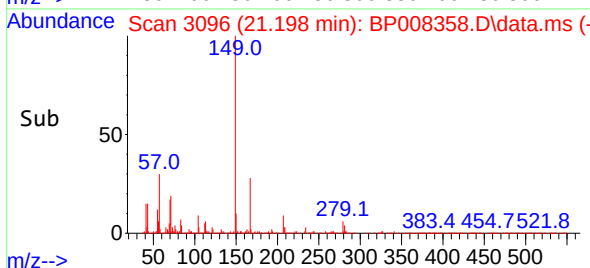
Reviewed By : Christian Giraldo 12/11/2021
Supervised By : Jagrut Upadhyay 12/13/2021

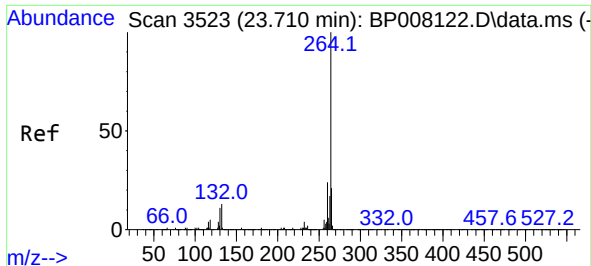


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.391 ng
RT: 21.198 min Scan# 3096
Delta R.T. -0.000 min
Lab File: BP008358.D
Acq: 11 Dec 2021 01:03



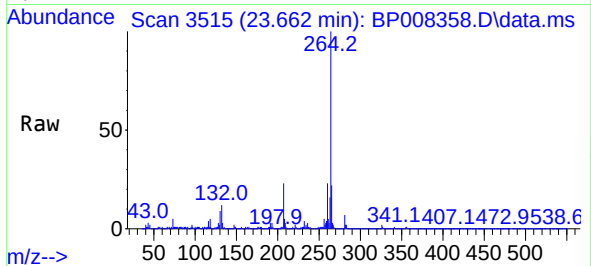
Tgt Ion: 149 Resp: 69066
Ion Ratio Lower Upper
149 100
167 27.9 22.5 33.7
279 6.0 3.5 5.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.662 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008358.D
Acq: 11 Dec 2021 01:03

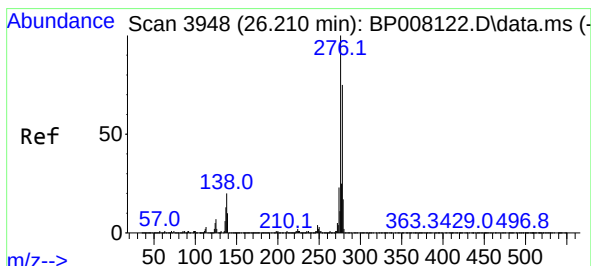
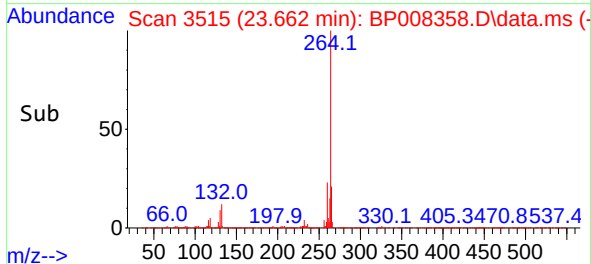
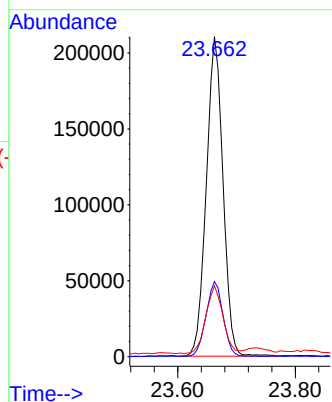
Instrument :
BNA_P
ClientSampleId :
ETGI-362



Tgt Ion:264 Resp: 415460
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 22.2 17.6 26.4

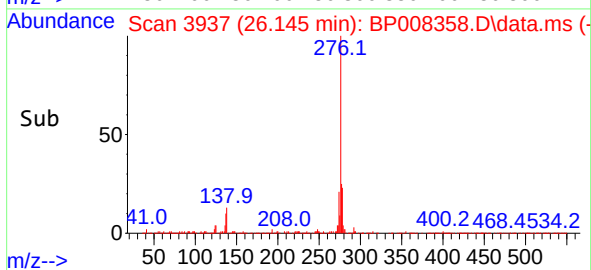
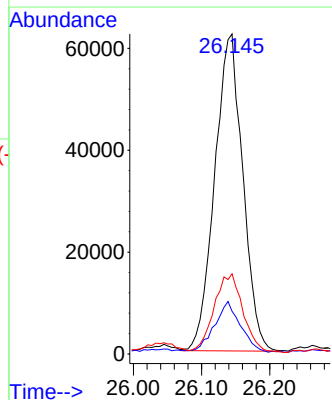
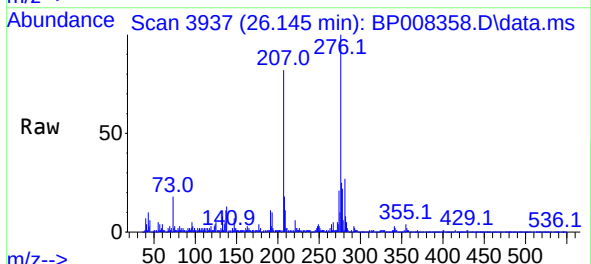
Manual Integrations
APPROVED

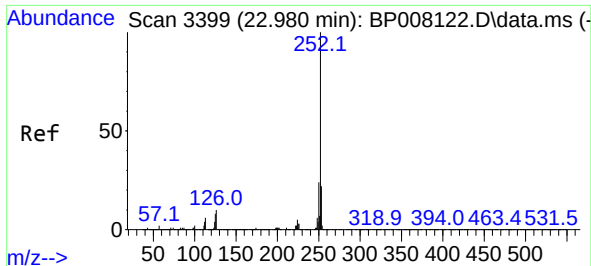
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#87
Indeno(1,2,3-cd)pyrene
Concen: 5.907 ng
RT: 26.145 min Scan# 3937
Delta R.T. -0.018 min
Lab File: BP008358.D
Acq: 11 Dec 2021 01:03

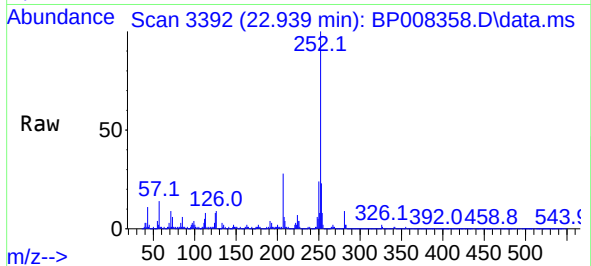
Tgt Ion:276 Resp: 178544
Ion Ratio Lower Upper
276 100
138 14.8 16.6 25.0#
277 25.6 20.2 30.2





#88
Benzo(b)fluoranthene
Concen: 15.929 ng
RT: 22.939 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP008358.D
Acq: 11 Dec 2021 01:03

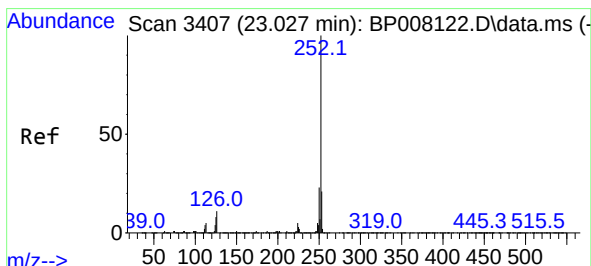
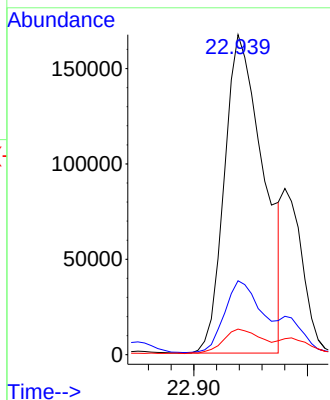
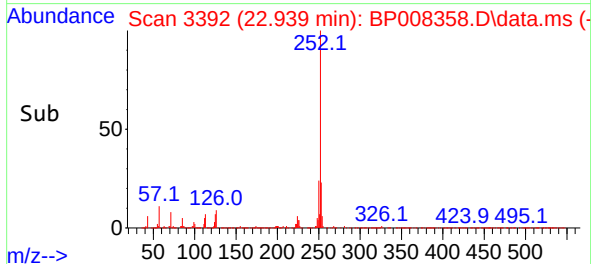
Instrument :
BNA_P
ClientSampleId :
ETGI-362



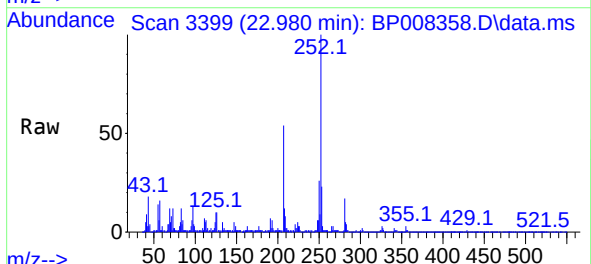
Tgt Ion:252 Resp: 398950
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 8.0 6.2 9.4

Manual Integrations
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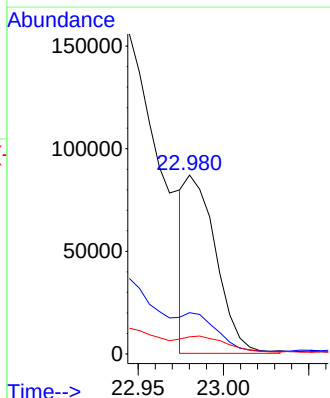
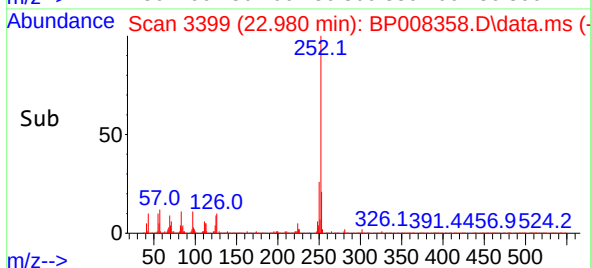
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021

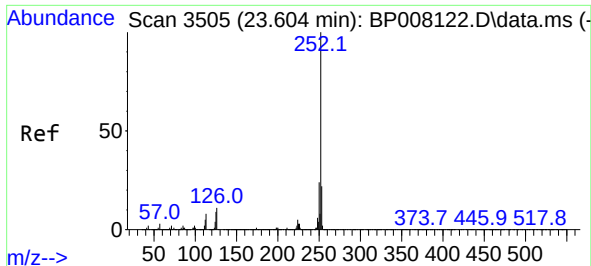


#89
Benzo(k)fluoranthene
Concen: 4.396 ng m
RT: 22.980 min Scan# 3399
Delta R.T. -0.018 min
Lab File: BP008358.D
Acq: 11 Dec 2021 01:03



Tgt Ion:252 Resp: 107796
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 9.6 6.5 9.7





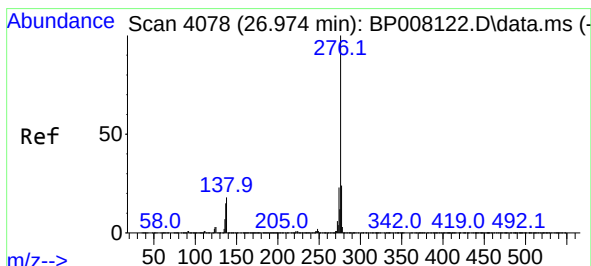
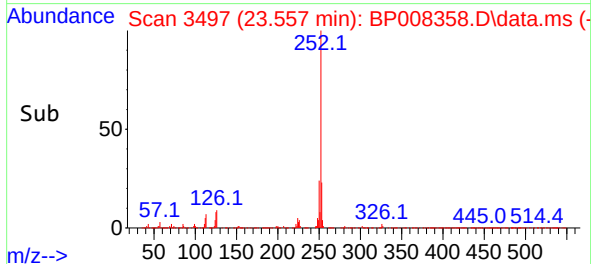
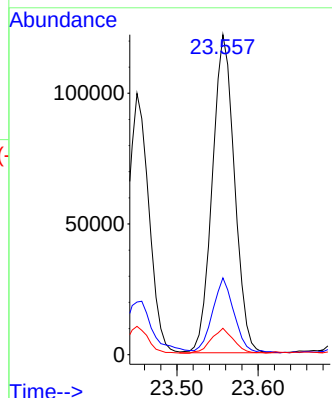
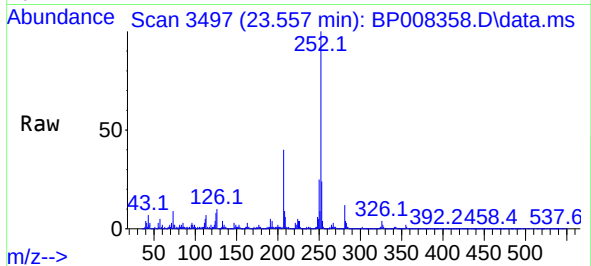
#90
Benzo(a)pyrene
Concen: 10.799 ng
RT: 23.557 min Scan# 34
Delta R.T. -0.012 min
Lab File: BP008358.D
Acq: 11 Dec 2021 01:03

Instrument :
BNA_P
ClientSampleId :
ETGI-362

Tgt Ion:252 Resp: 231160
Ion Ratio Lower Upper
252 100
253 24.0 17.6 26.4
125 8.2 7.4 11.0

Manual Integrations
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Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#92
Benzo(g,h,i)perylene
Concen: 6.839 ng
RT: 26.903 min Scan# 4066
Delta R.T. -0.018 min
Lab File: BP008358.D
Acq: 11 Dec 2021 01:03

Tgt Ion:276 Resp: 173197
Ion Ratio Lower Upper
276 100
277 23.6 20.0 30.0
138 14.6 14.1 21.1

