

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
 Data File : BF128054.D
 Acq On : 03 May 2022 19:12
 Operator : CG\JU
 Sample : N2650-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-349

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/04/2022
 Supervised By : Jagrut Upadhyay 05/04/2022

Quant Time: May 04 04:27:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	100937	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	375537	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	186707	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	270464	20.000	ng	0.00
76) Chrysene-d12	14.098	240	185015	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	139005	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	784863	123.851	ng	0.00
7) Phenol-d6	6.546	99	1041547	126.665	ng	0.00
23) Nitrobenzene-d5	7.481	82	749978	93.911	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	223545	118.937	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1154342	104.594	ng	0.00
79) Terphenyl-d14	13.039	244	929474	91.863	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.816	152	59941	3.722	ng	98
71) Phenanthrene	11.475	178	328551	23.207	ng	99
72) Anthracene	11.522	178	55865	3.961	ng	100
74) Di-n-butylphthalate	12.004	149	34000	2.225	ng	99
75) Fluoranthene	12.669	202	605485	40.636	ng	99
78) Pyrene	12.904	202	649715	43.502	ng	99
81) Benzo(a)anthracene	14.092	228	307202m	24.911	ng	
83) Chrysene	14.127	228	339106	28.793	ng	97
84) Bis(2-ethylhexyl)phtha...	14.063	149	26013	3.351	ng	99
87) Indeno(1,2,3-cd)pyrene	17.145	276	125706m	13.548	ng	
88) Benzo(b)fluoranthene	15.163	252	299511m	34.305	ng	
89) Benzo(k)fluoranthene	15.192	252	102046m	11.601	ng	
90) Benzo(a)pyrene	15.545	252	210031	29.002	ng	98
91) Dibenzo(a,h)anthracene	17.151	278	33969	4.565	ng	# 81
92) Benzo(g,h,i)perylene	17.615	276	119910	15.291	ng	99

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

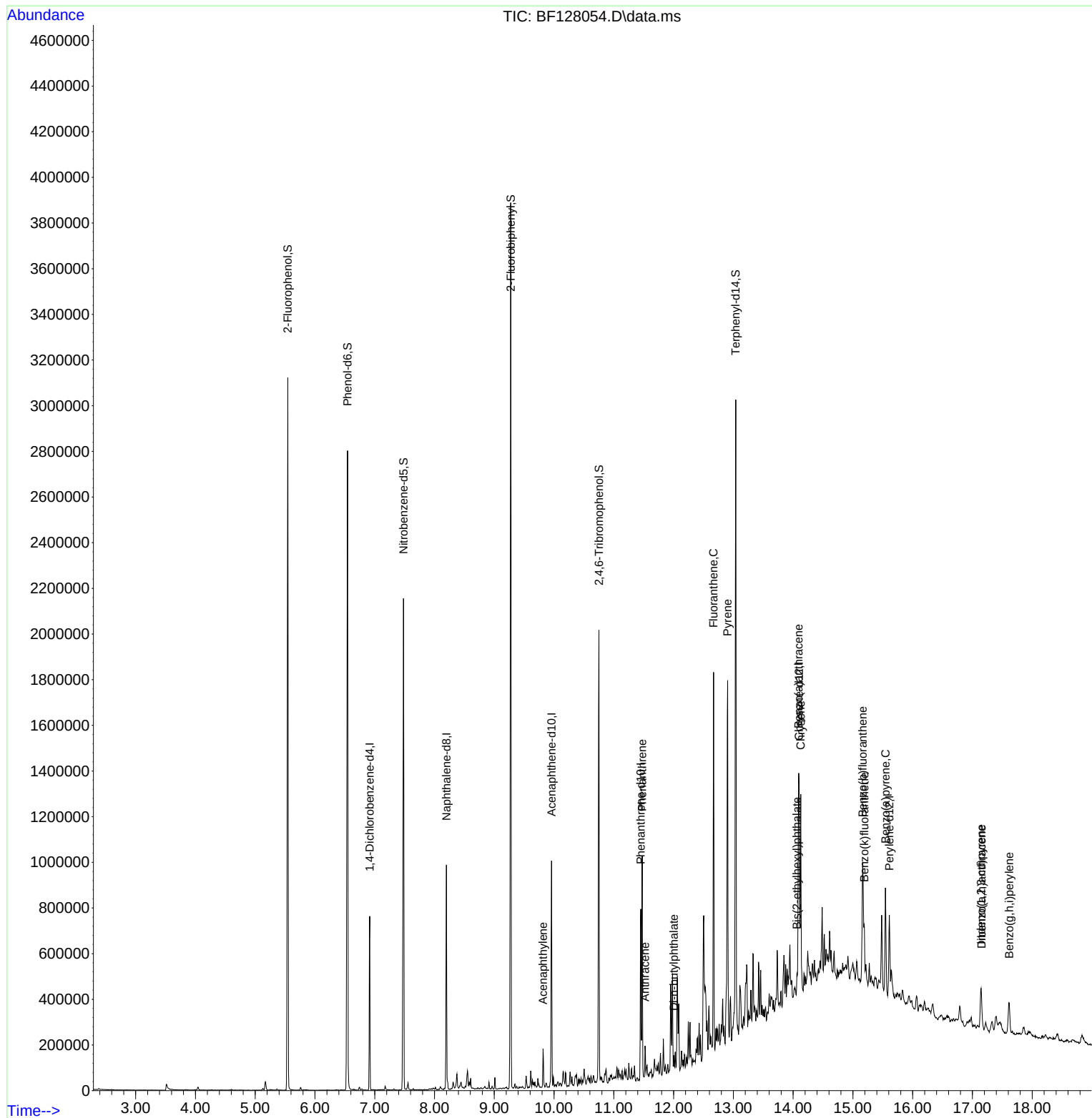
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
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ALS Vial : 16 Sample Multiplier: 1

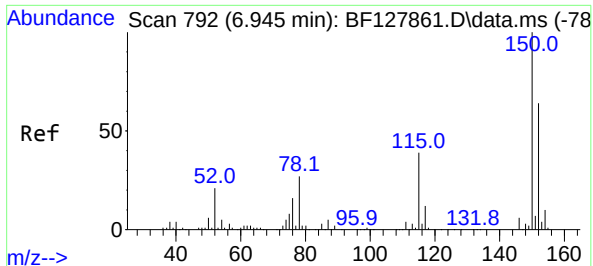
Instrument :
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Quant Time: May 04 04:27:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
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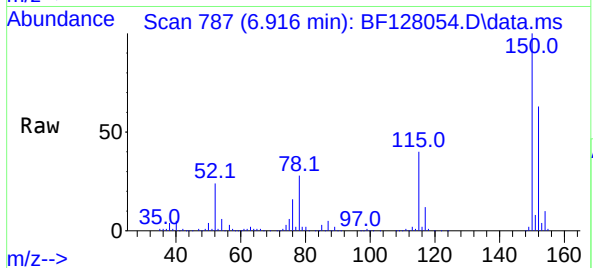
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

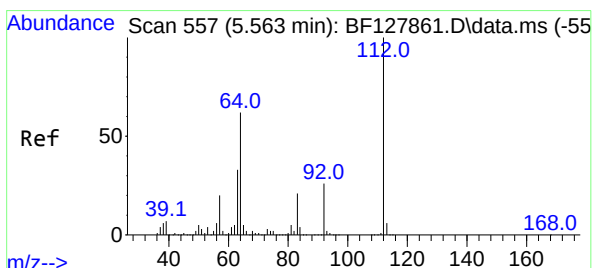
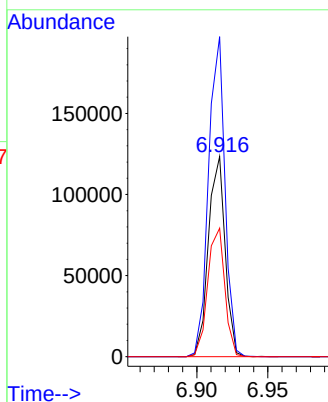
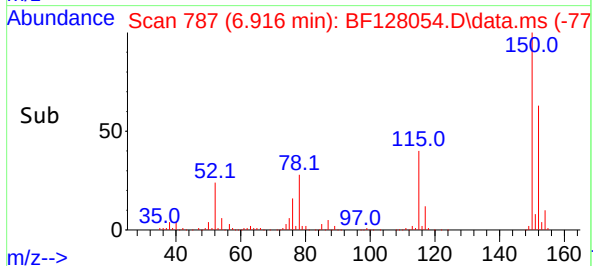
Instrument :
BNA_F
ClientSampleId :
ETGI-349



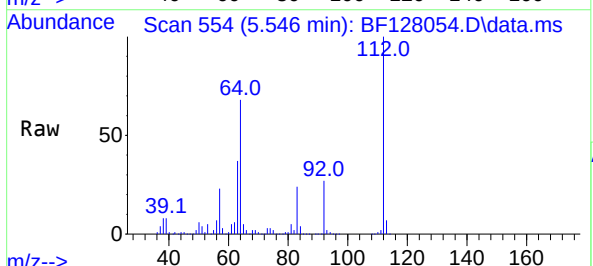
Tgt Ion:152 Resp: 10093
Ion Ratio Lower Upper
152 100
150 159.8 125.3 187.9
115 64.1 48.8 73.2

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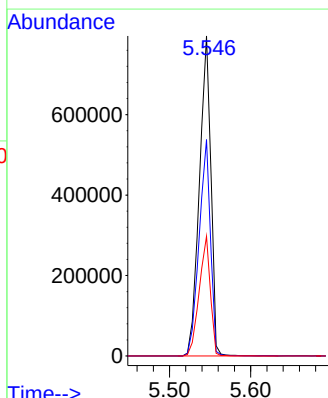
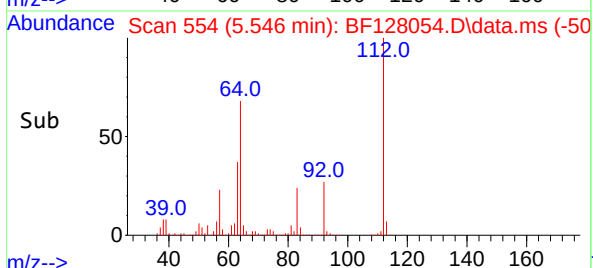
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Supervised By :Jagrut Upadhyay 05/04/2022

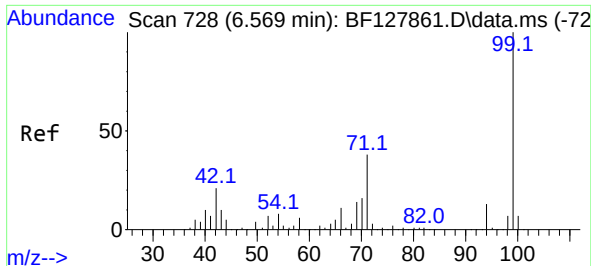


#5
2-Fluorophenol
Concen: 123.851 ng
RT: 5.546 min Scan# 554
Delta R.T. 0.006 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12



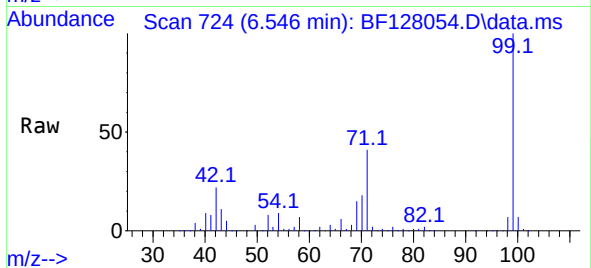
Tgt Ion:112 Resp: 784863
Ion Ratio Lower Upper
112 100
64 67.6 49.5 74.3
63 37.4 26.3 39.5





#7
Phenol-d6
Concen: 126.665 ng
RT: 6.546 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

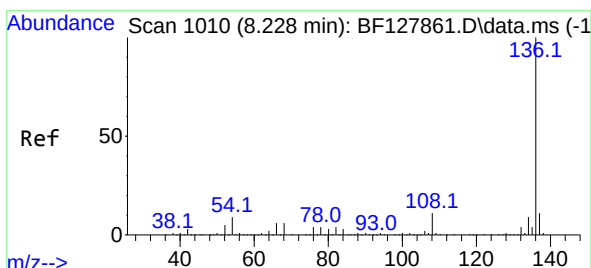
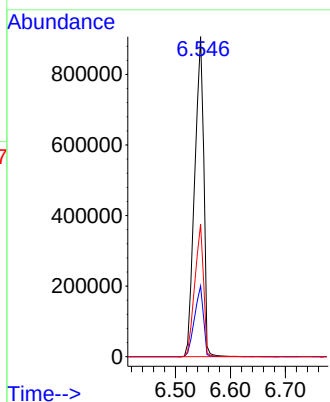
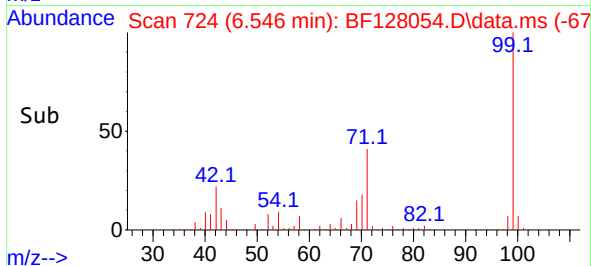
Instrument :
BNA_F
ClientSampleId :
ETGI-349



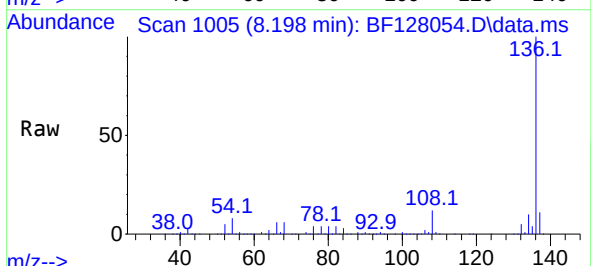
Tgt Ion: 99 Resp: 104154
Ion Ratio Lower Upper
99 100
42 22.1 16.6 24.8
71 41.4 30.0 45.0

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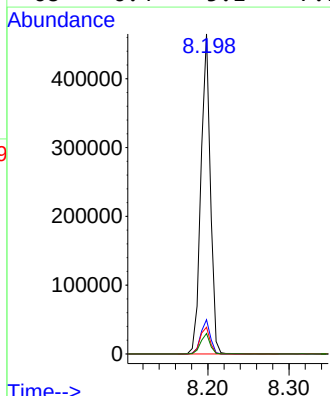
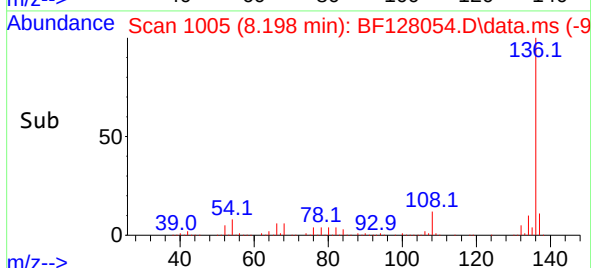
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022

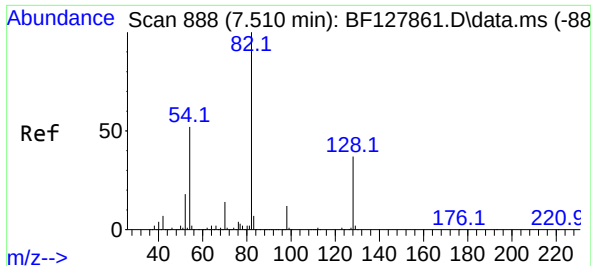


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12



Tgt Ion:136 Resp: 375537
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.3 6.8 10.2
68 6.4 5.1 7.7





#23

Nitrobenzene-d5

Concen: 93.911 ng

RT: 7.481 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128054.D

Acq: 03 May 2022 19:12

Instrument :

BNA_F

ClientSampleId :

ETGI-349

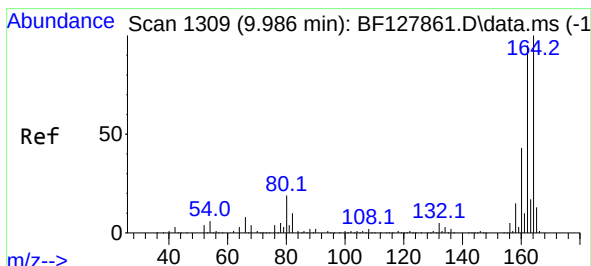
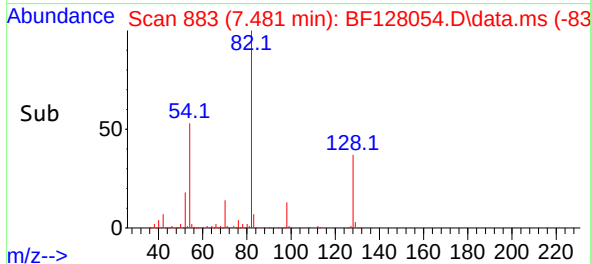
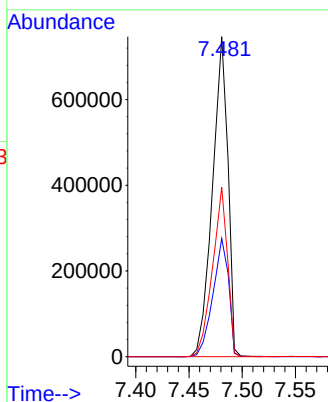
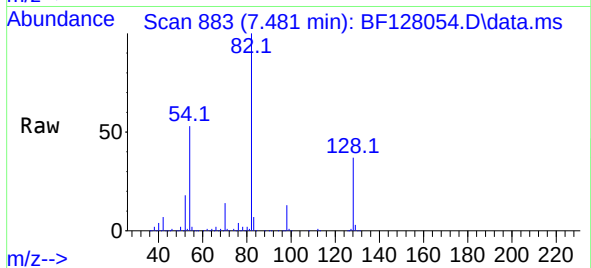
Tgt Ion: 82 Resp: 749978

Ion	Ratio	Lower	Upper
82	100		
128	36.9	30.0	45.0
54	53.0	41.3	61.9

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1304

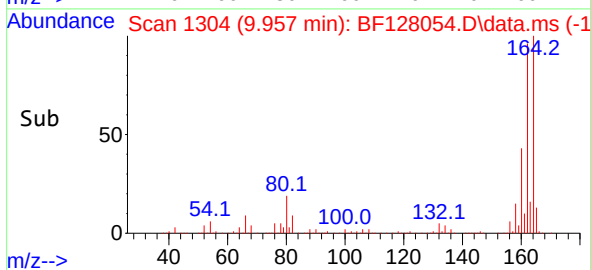
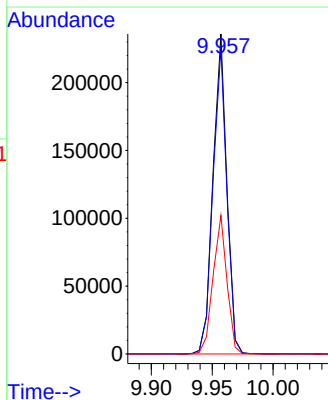
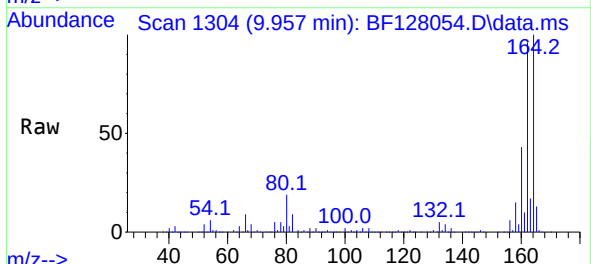
Delta R.T. -0.006 min

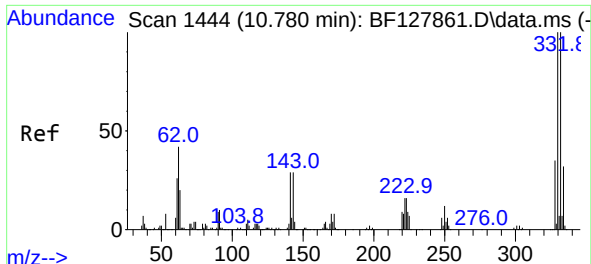
Lab File: BF128054.D

Acq: 03 May 2022 19:12

Tgt Ion:164 Resp: 186707

Ion	Ratio	Lower	Upper
164	100		
162	95.7	76.0	114.0
160	43.3	34.8	52.2





#42
2,4,6-Tribromophenol
Concen: 118.937 ng
RT: 10.751 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

Instrument :

BNA_F

ClientSampleId :

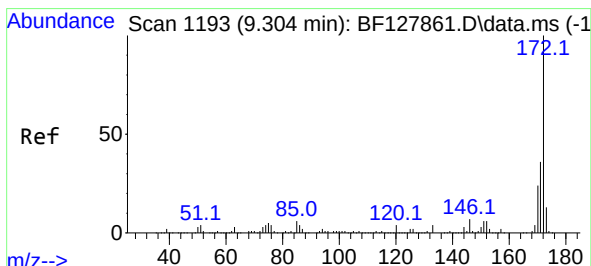
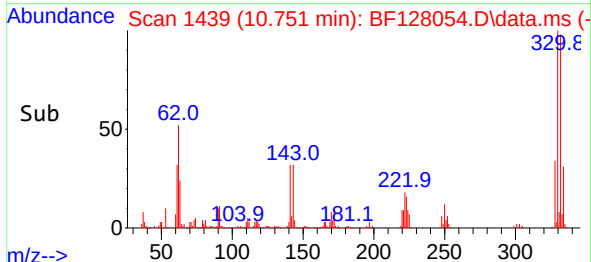
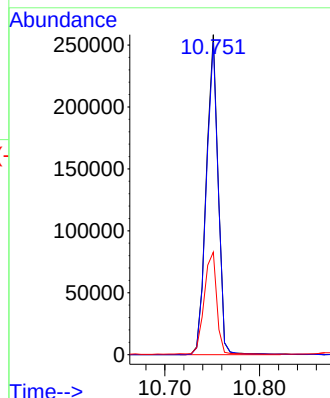
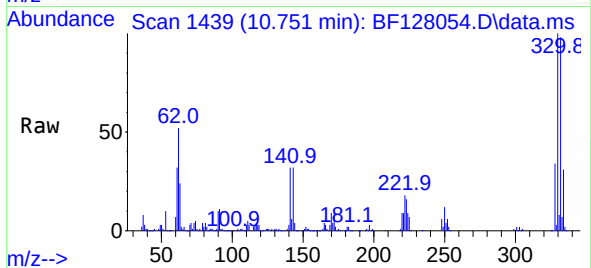
ETGI-349

Tgt Ion:330 Resp: 22354
Ion Ratio Lower Upper
330 100
332 97.8 79.0 118.4
141 34.1 28.9 43.3

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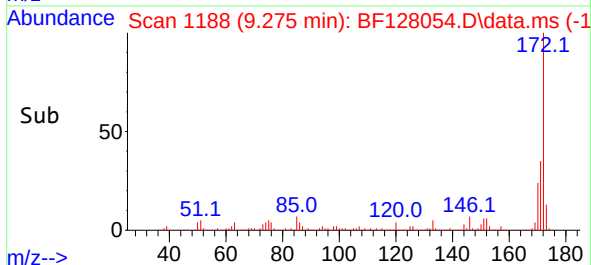
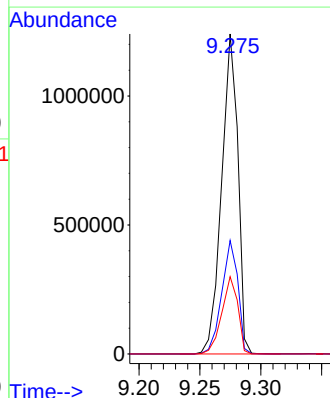
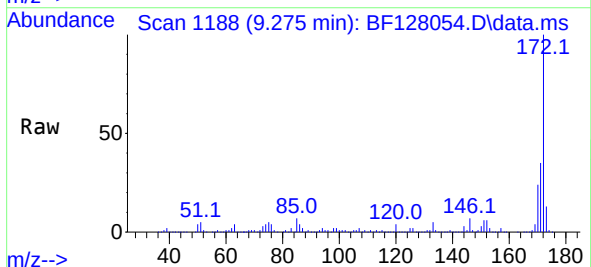
APPROVED

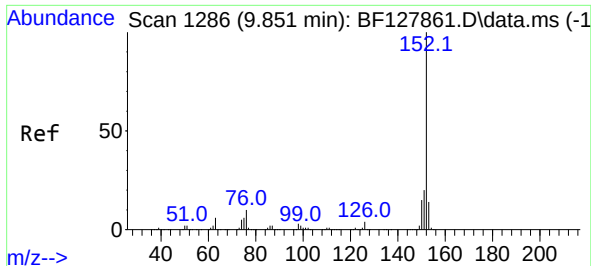
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#45
2-Fluorobiphenyl
Concen: 104.594 ng
RT: 9.275 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

Tgt Ion:172 Resp: 1154342
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 24.2 19.1 28.7





#49

Acenaphthylene

Concen: 3.722 ng

RT: 9.816 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF128054.D

Acq: 03 May 2022 19:12

Instrument :

BNA_F

ClientSampleId :

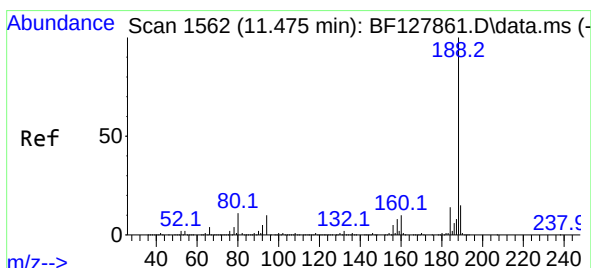
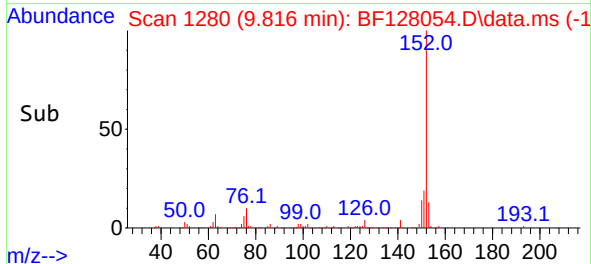
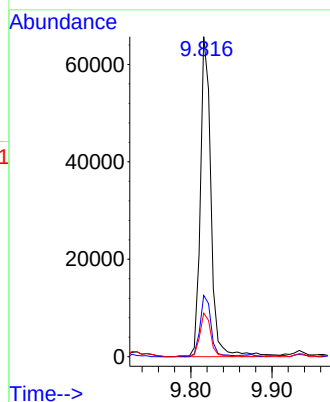
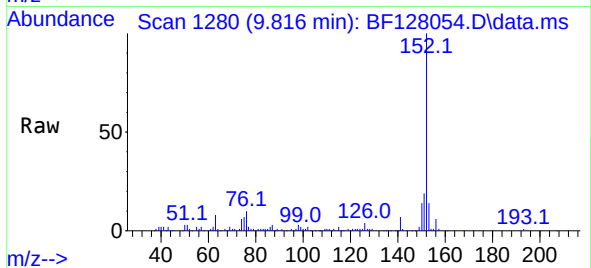
ETGI-349

Tgt Ion:	152	Resp:	5994
Ion Ratio	Lower	Upper	
152	100		
151	19.1	16.2	24.2
153	13.6	11.2	16.8

Manual Integrations

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#64

Phenanthrene-d10

Concen: 20.000 ng

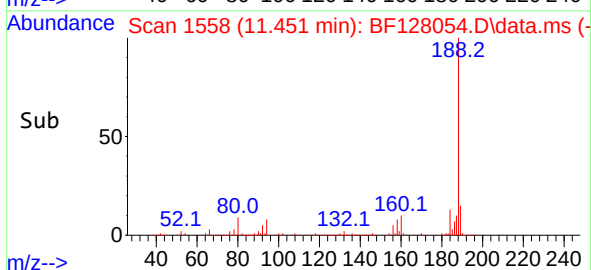
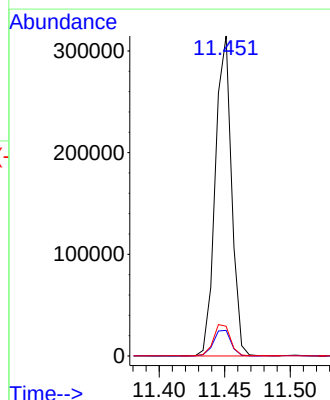
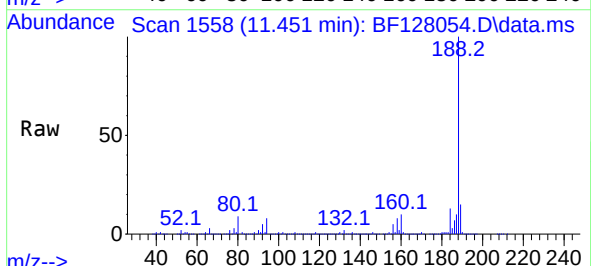
RT: 11.451 min Scan# 1558

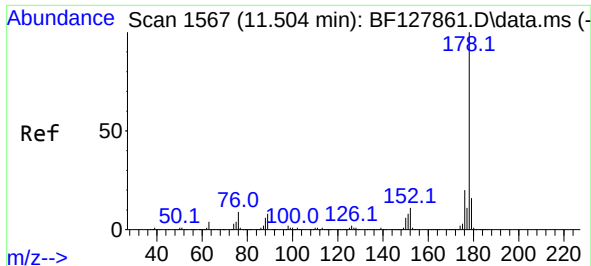
Delta R.T. -0.006 min

Lab File: BF128054.D

Acq: 03 May 2022 19:12

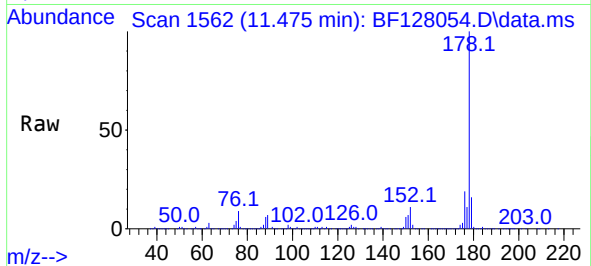
Tgt Ion:	188	Resp:	270464
Ion Ratio	Lower	Upper	
188	100		
94	8.0	8.0	12.0
80	9.3	8.9	13.3





#71
Phenanthrene
Concen: 23.207 ng
RT: 11.475 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

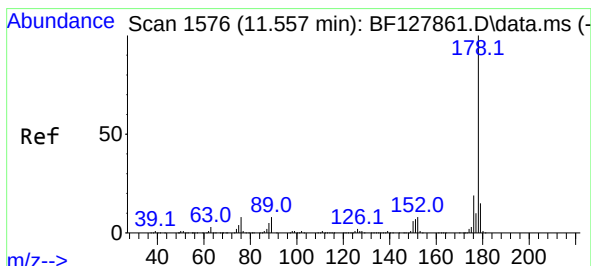
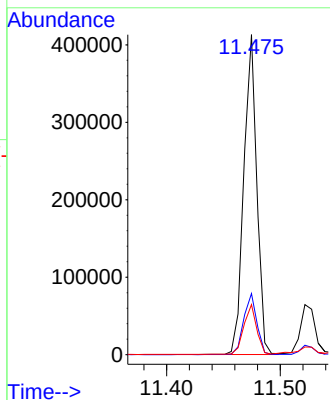
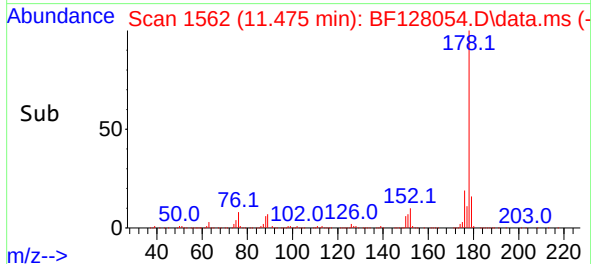
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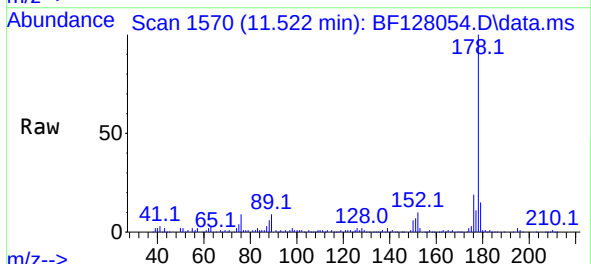
Tgt Ion:178 Resp: 32855
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 15.6 12.6 19.0

Manual Integrations
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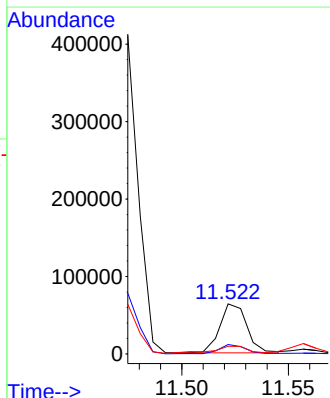
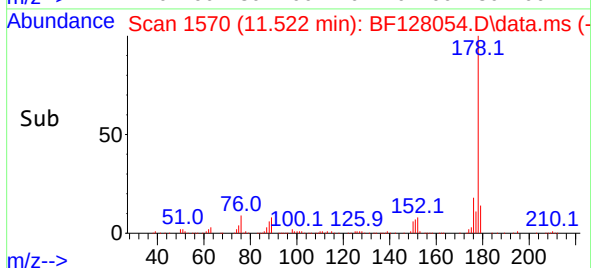
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022

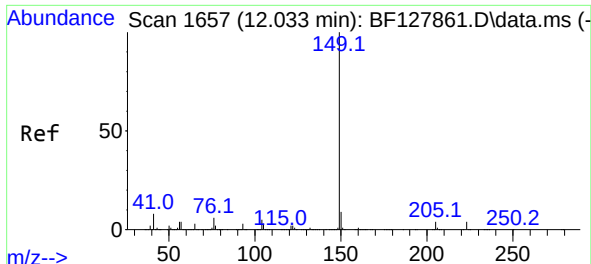


#72
Anthracene
Concen: 3.961 ng
RT: 11.522 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12



Tgt Ion:178 Resp: 55865
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.4 12.4 18.6





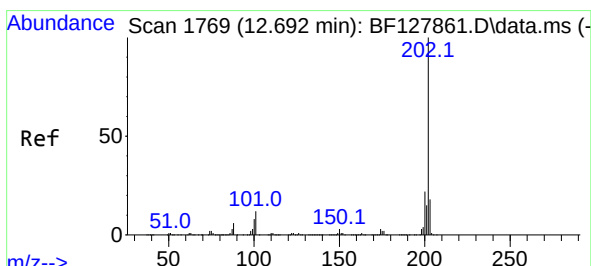
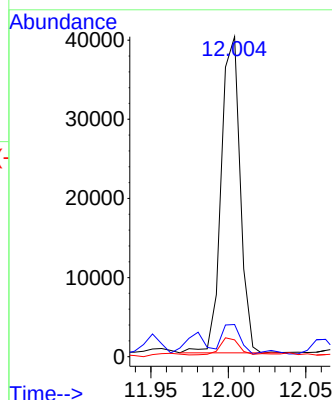
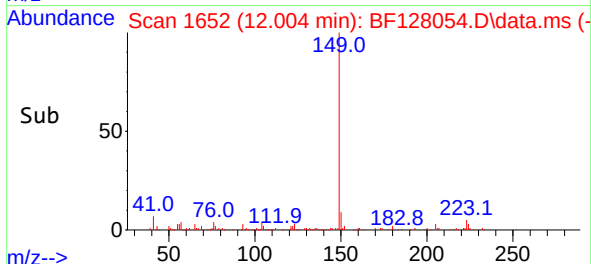
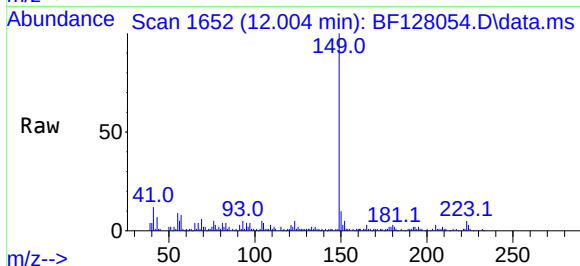
#74
Di-n-butylphthalate
Concen: 2.225 ng
RT: 12.004 min Scan# 1652
Delta R.T. -0.006 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

Instrument :
BNA_F
ClientSampleId :
ETGI-349

Tgt Ion:149 Resp: 34000
Ion Ratio Lower Upper
149 100
150 10.0 7.5 11.3
104 5.3 4.3 6.5

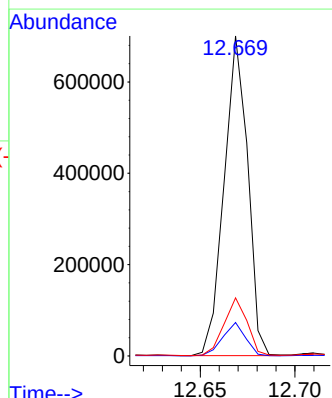
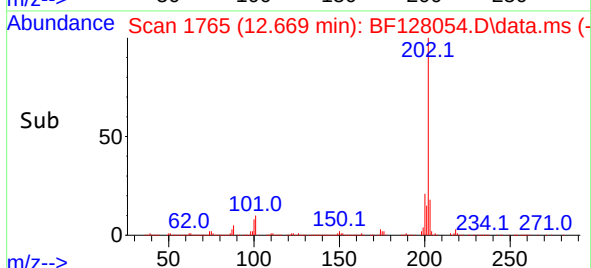
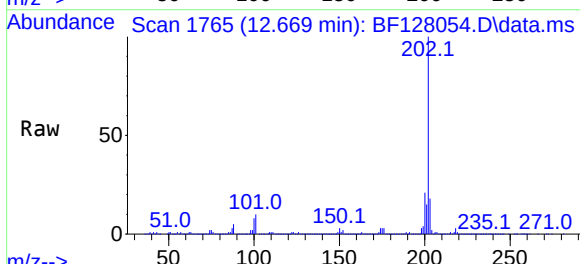
Manual Integrations
APPROVED

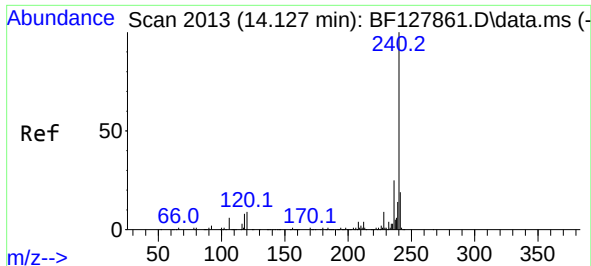
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#75
Fluoranthene
Concen: 40.636 ng
RT: 12.669 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

Tgt Ion:202 Resp: 605485
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.6
203 18.2 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

Instrument :

BNA_F

ClientSampleId :

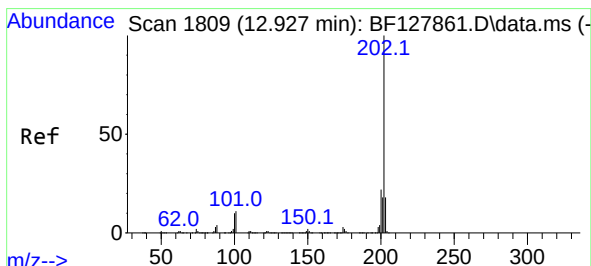
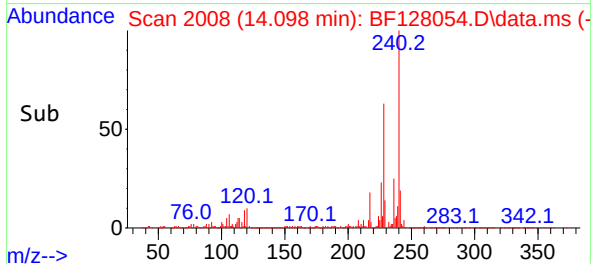
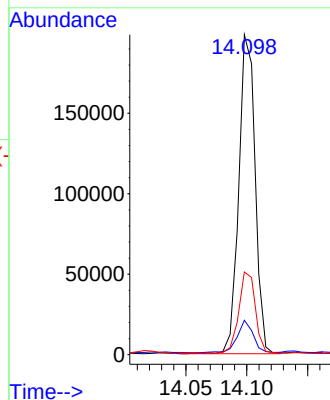
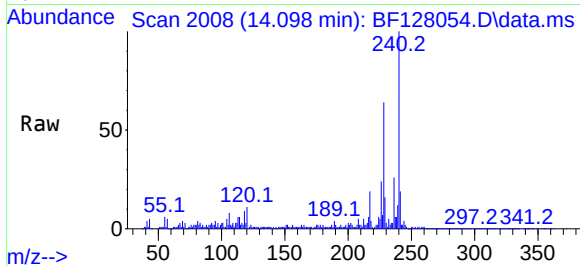
ETGI-349

Tgt Ion:240 Resp: 185015
Ion Ratio Lower Upper
240 100
120 10.8 7.0 10.6
236 25.9 20.3 30.5

Manual Integrations

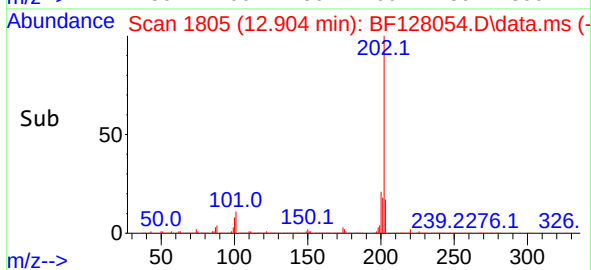
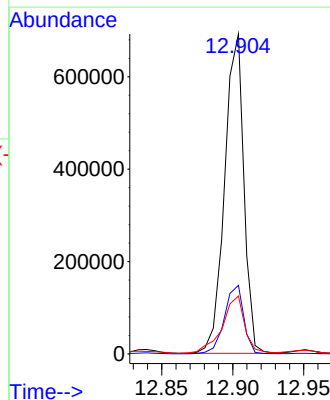
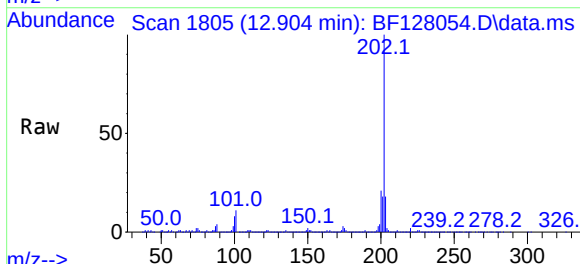
APPROVED

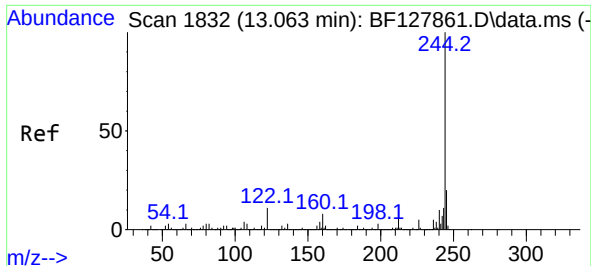
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#78
Pyrene
Concen: 43.502 ng
RT: 12.904 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

Tgt Ion:202 Resp: 649715
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 18.1 14.0 21.0





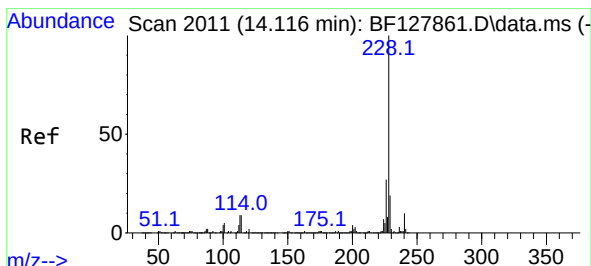
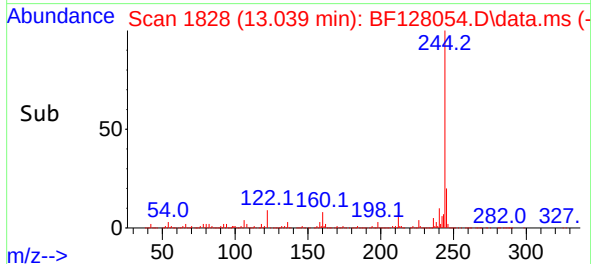
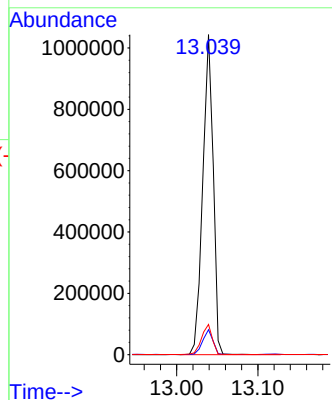
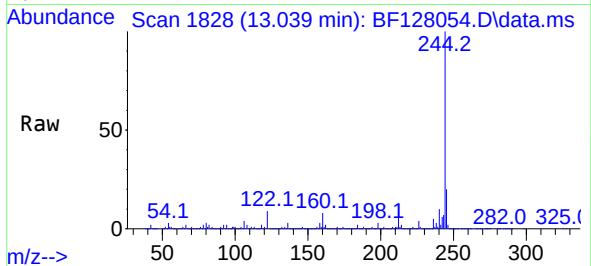
#79
Terphenyl-d14
Concen: 91.863 ng
RT: 13.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

Instrument :
BNA_F
ClientSampleId :
ETGI-349

Tgt Ion:244 Resp: 929474
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.4
122 9.5 8.6 12.8

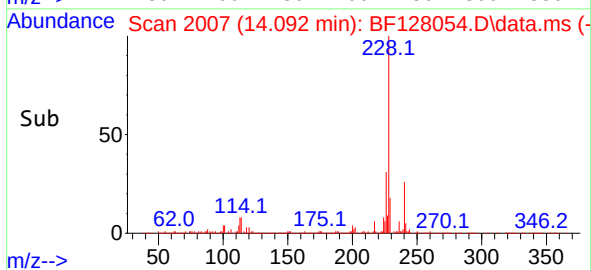
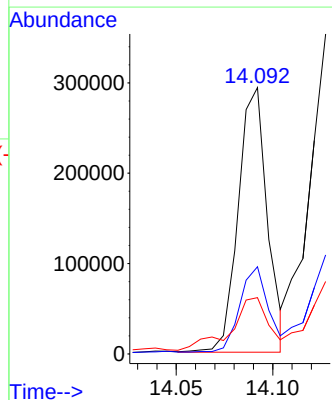
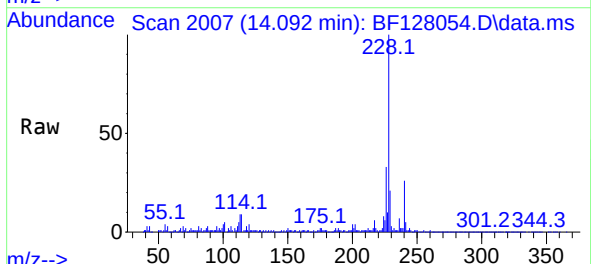
Manual Integrations
APPROVED

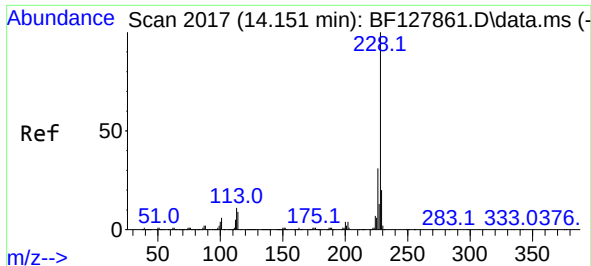
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#81
Benzo(a)anthracene
Concen: 24.911 ng m
RT: 14.092 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

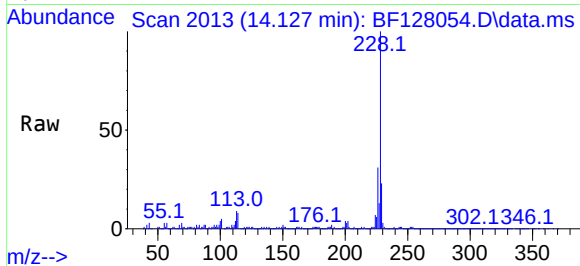
Tgt Ion:228 Resp: 307202
Ion Ratio Lower Upper
228 100
226 32.7 21.7 32.5#
229 21.1 15.4 23.2





#83
Chrysene
Concen: 28.793 ng
RT: 14.127 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

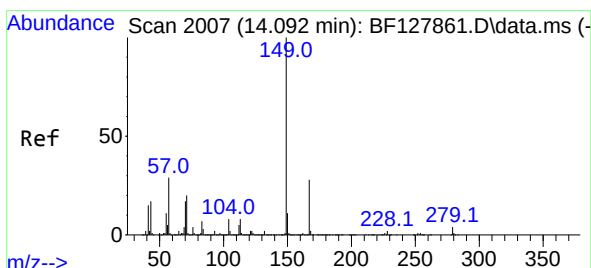
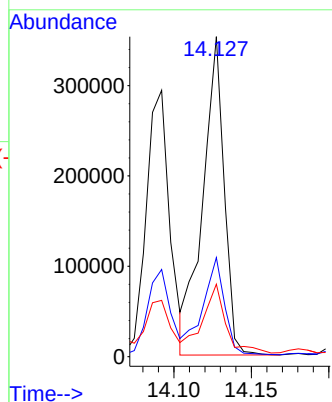
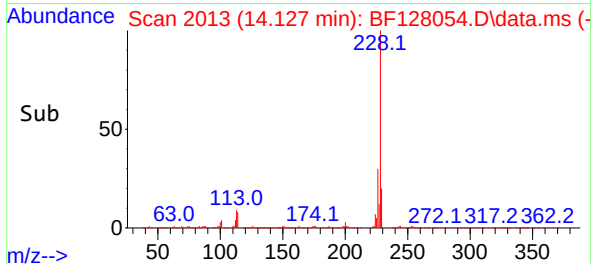
Instrument :
BNA_F
ClientSampleId :
ETGI-349



Tgt Ion: 228 Resp: 339100
Ion Ratio Lower Upper
228 100
226 30.9 24.4 36.6
229 22.7 15.8 23.8

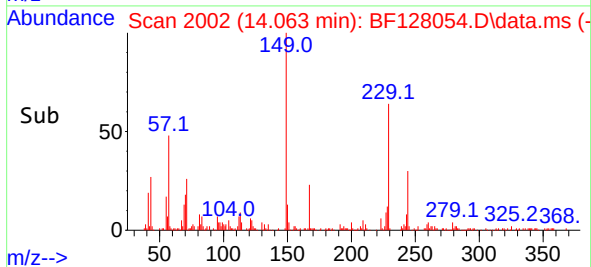
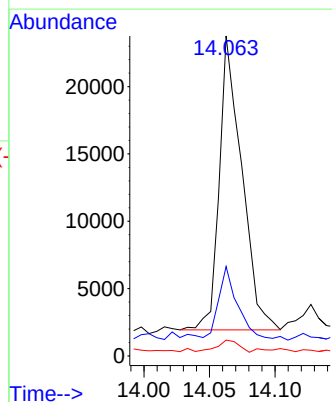
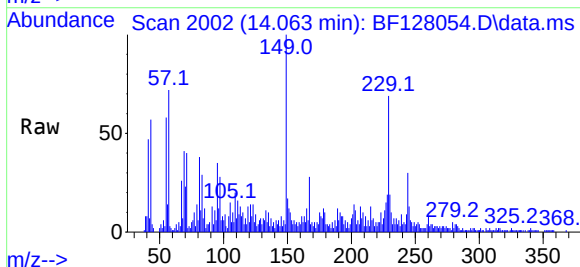
Manual Integrations
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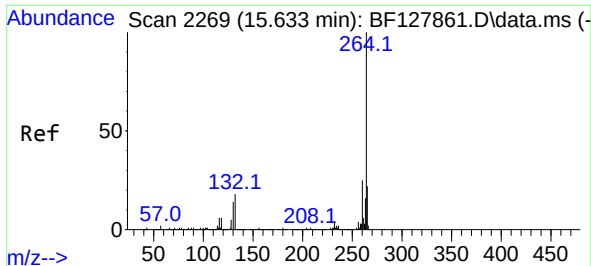
Reviewed By : Christian Giraldo 05/04/2022
Supervised By : Jagrut Upadhyay 05/04/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.351 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

Tgt Ion: 149 Resp: 26013
Ion Ratio Lower Upper
149 100
167 27.9 22.0 33.0
279 5.0 3.4 5.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.610 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

Instrument :

BNA_F

ClientSampleId :

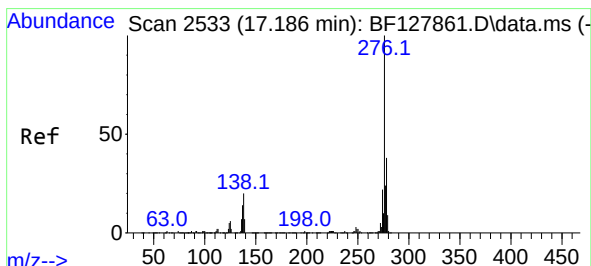
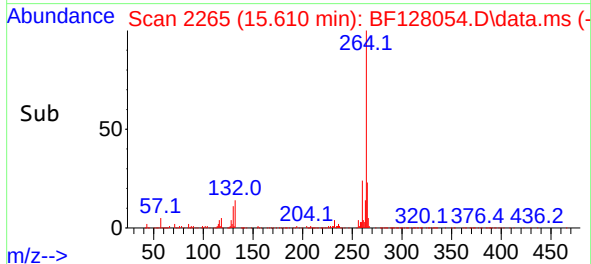
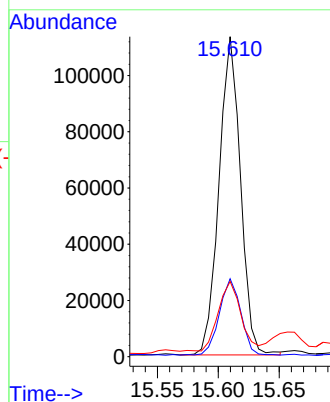
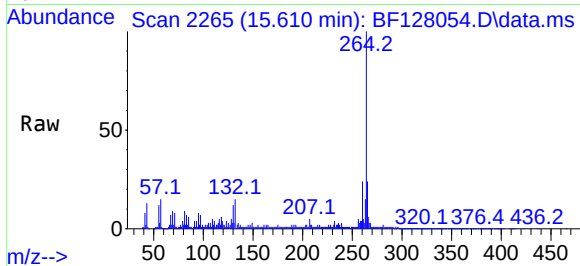
ETGI-349

Tgt Ion:264 Resp: 139000
Ion Ratio Lower Upper
264 100
260 24.4 20.1 30.1
265 23.5 17.5 26.3

Manual Integrations

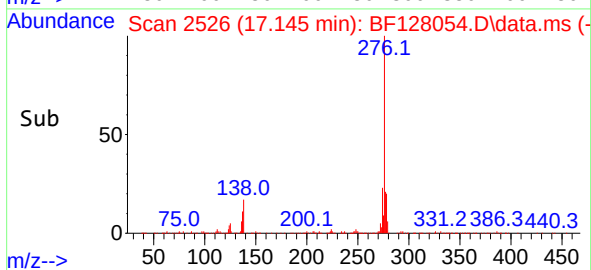
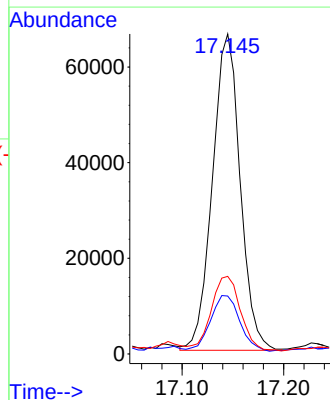
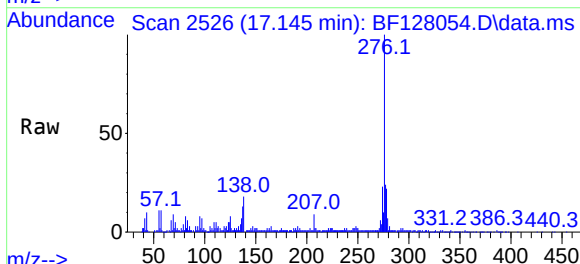
APPROVED

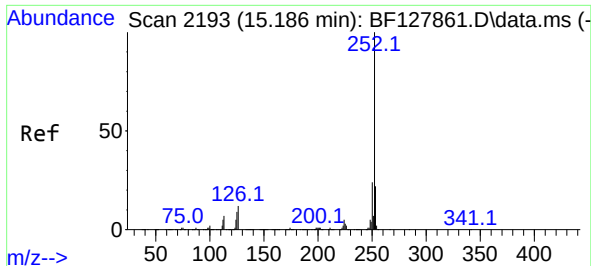
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 13.548 ng m
RT: 17.145 min Scan# 2526
Delta R.T. -0.018 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

Tgt Ion:276 Resp: 125706
Ion Ratio Lower Upper
276 100
138 4.4 19.0 28.4#
277 4.9 20.1 30.1#





#88
Benzo(b)fluoranthene
Concen: 34.305 ng m
RT: 15.163 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

Instrument :

BNA_F

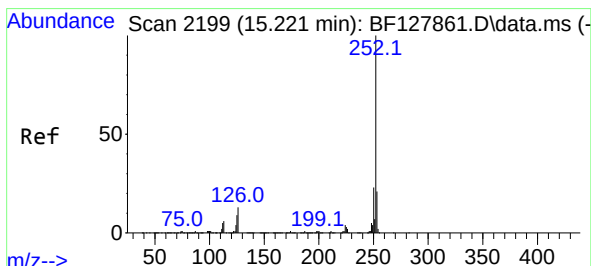
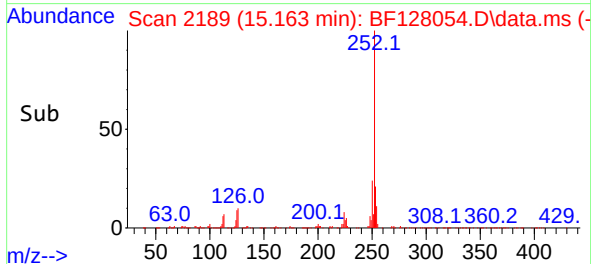
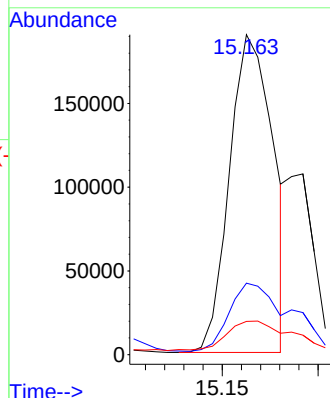
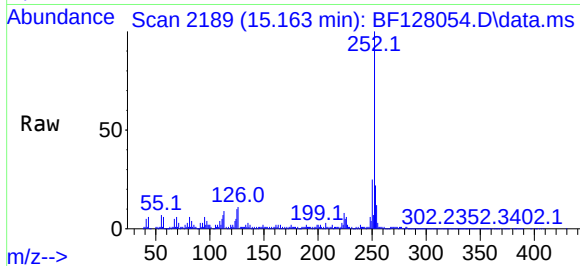
ClientSampleId :

ETGI-349

Tgt Ion:252 Resp: 29951
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 10.4 7.4 11.2

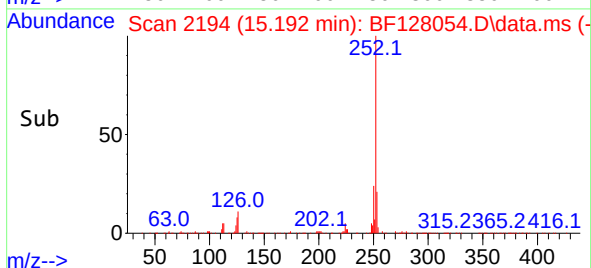
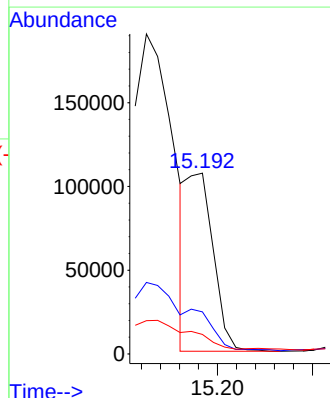
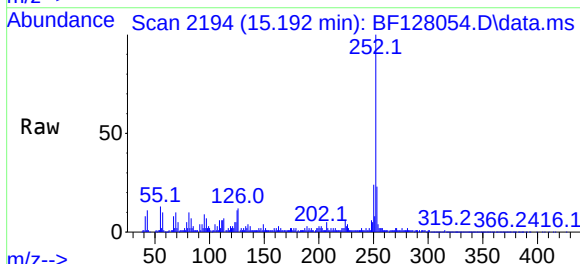
Manual Integrations
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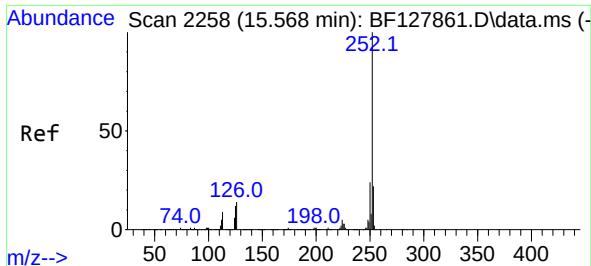
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#89
Benzo(k)fluoranthene
Concen: 11.601 ng m
RT: 15.192 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

Tgt Ion:252 Resp: 102046
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.4
125 10.8 6.8 10.2#





#90
Benzo(a)pyrene
Concen: 29.002 ng
RT: 15.545 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

Instrument :

BNA_F

ClientSampleId :

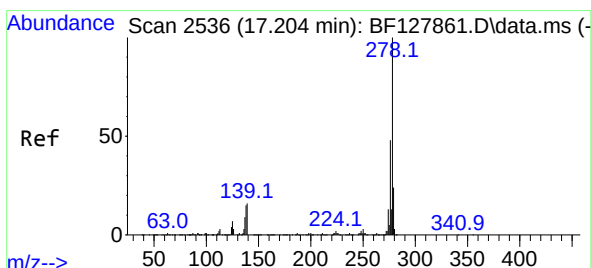
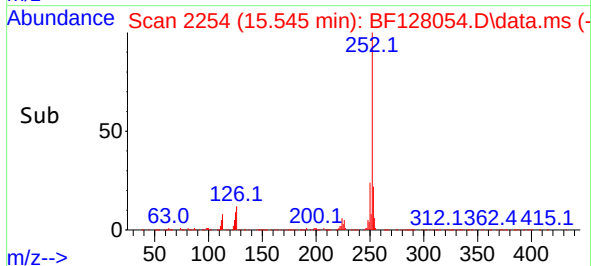
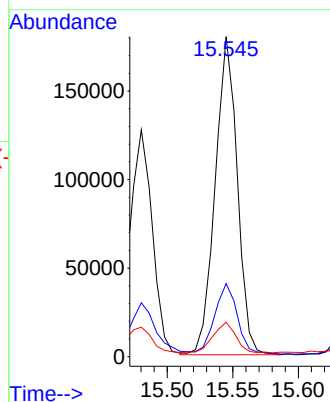
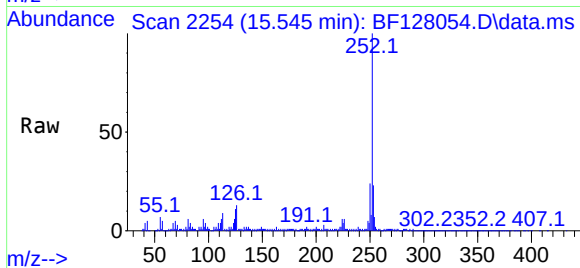
ETGI-349

Tgt Ion:252 Resp: 21003
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 10.8 9.2 13.8

Manual Integrations

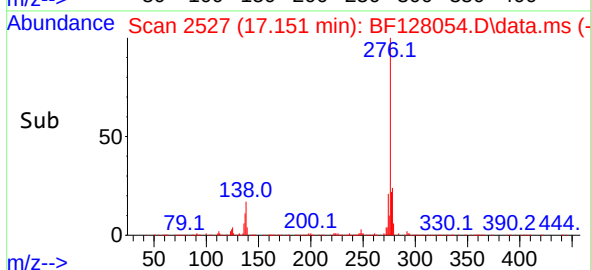
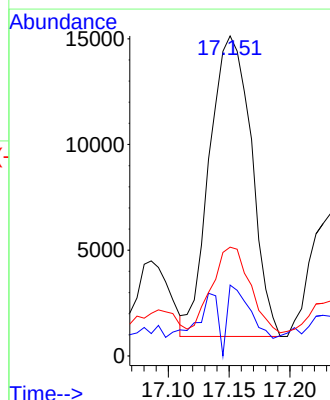
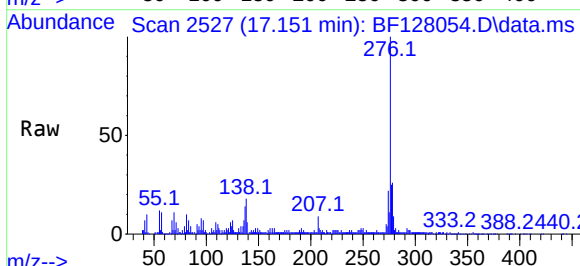
APPROVED

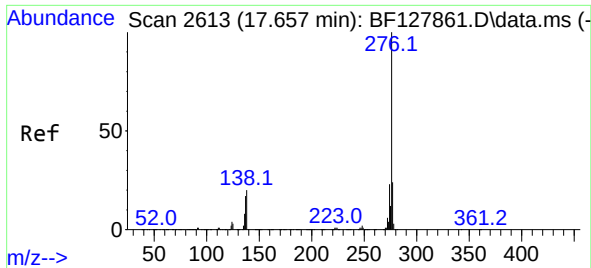
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#91
Dibenzo(a,h)anthracene
Concen: 4.565 ng
RT: 17.151 min Scan# 2527
Delta R.T. -0.023 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

Tgt Ion:278 Resp: 33969
Ion Ratio Lower Upper
278 100
139 22.2 12.6 19.0#
279 34.0 18.9 28.3#





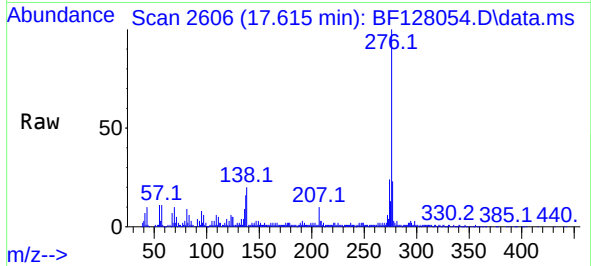
#92
Benzo(g,h,i)perylene
Concen: 15.291 ng
RT: 17.615 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

Instrument :

BNA_F

ClientSampleId :

ETGI-349



Tgt Ion:276 Resp: 119910
Ion Ratio Lower Upper
276 100
277 23.3 18.8 28.2
138 19.8 16.2 24.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022

