

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129897.D
 Acq On : 19 Aug 2022 02:36
 Operator : CG\JU
 Sample : N4214-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-354

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/19/2022
 Supervised By : Jagrut Upadhyay 08/19/2022

Quant Time: Aug 19 03:20:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 12:03:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	87513	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	292261	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	142070	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	262211	20.000	ng	0.00
76) Chrysene-d12	13.974	240	256355	20.000	ng	0.00
86) Perylene-d12	15.439	264	202033	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	569610	107.767	ng	0.00
7) Phenol-d6	6.446	99	642074	97.005	ng	0.00
23) Nitrobenzene-d5	7.357	82	394229	72.209	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	159097	111.578	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	682770	72.992	ng	0.00
79) Terphenyl-d14	12.910	244	941708	61.124	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.692	152	39063	3.017	ng	99
71) Phenanthrene	11.345	178	77913	5.320	ng	99
72) Anthracene	11.398	178	31946	2.194	ng	99
75) Fluoranthene	12.539	202	339057	22.626	ng	99
78) Pyrene	12.769	202	376878	16.918	ng	99
81) Benzo(a)anthracene	13.963	228	248538	14.094	ng	94
83) Chrysene	13.998	228	238976	14.477	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	44469	3.976	ng	98
87) Indeno(1,2,3-cd)pyrene	16.904	276	112638	8.121	ng	93
88) Benzo(b)fluoranthene	15.010	252	299567m	21.654	ng	
89) Benzo(k)fluoranthene	15.033	252	100762m	7.595	ng	
90) Benzo(a)pyrene	15.374	252	190984	17.530	ng	97
91) Dibenzo(a,h)anthracene	16.904	278	30763	2.688	ng	# 92
92) Benzo(g,h,i)perylene	17.351	276	103939	9.104	ng	94

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

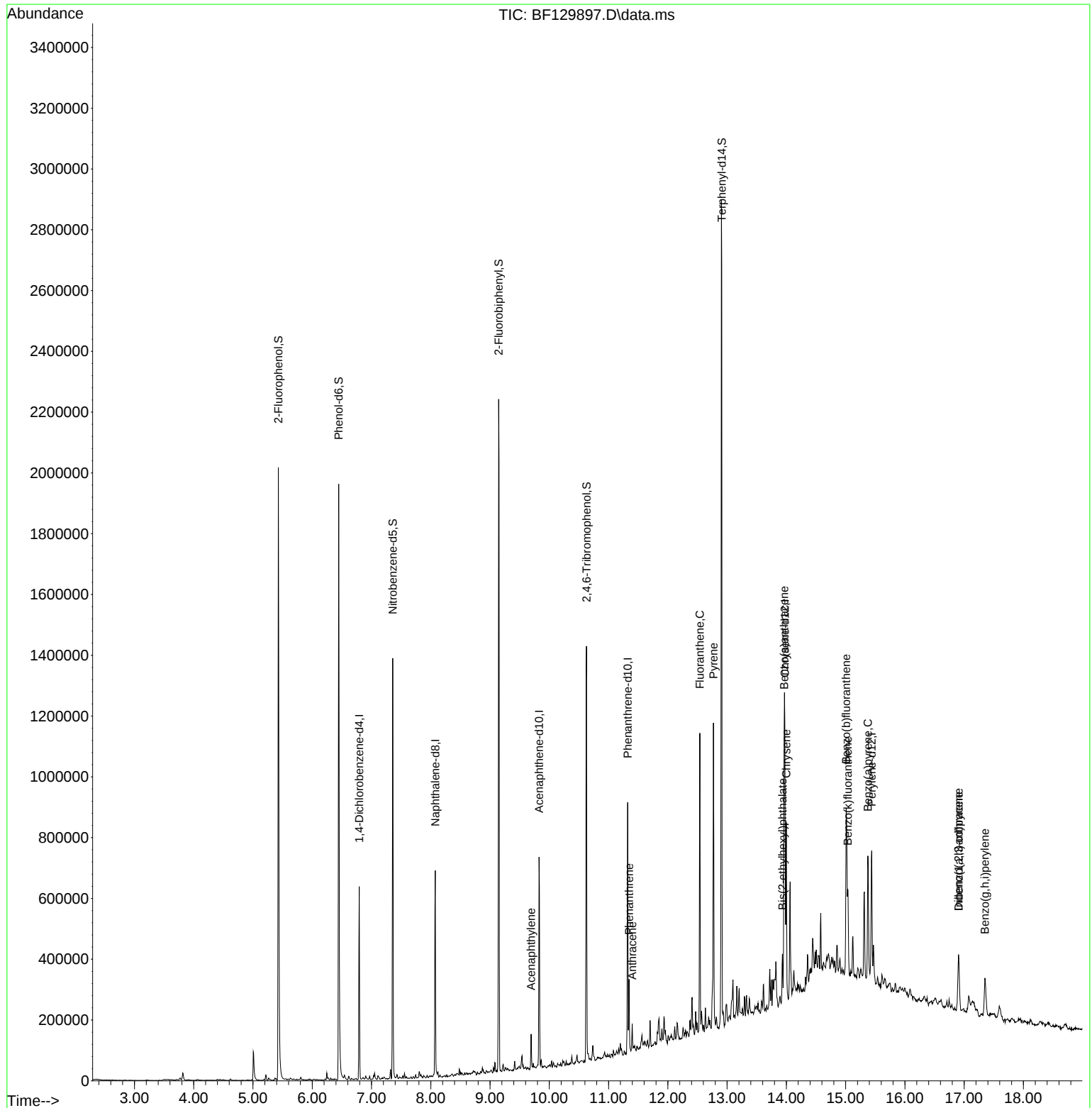
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
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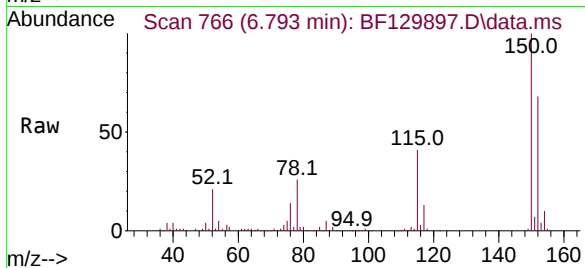
Reviewed By : Christian Giraldo 08/19/2022
Supervised By : Jagrut Upadhyay 08/19/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 70
Delta R.T. 0.001 min
Lab File: BF129897.D
Acq: 19 Aug 2022 02:36

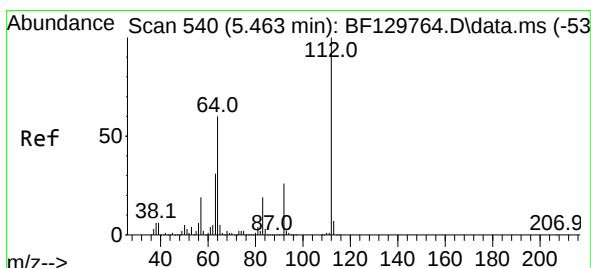
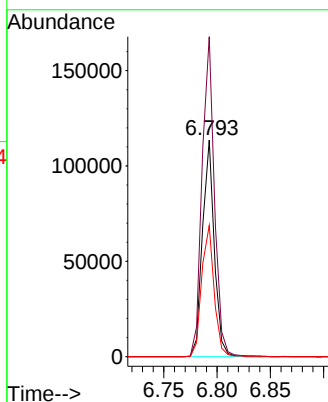
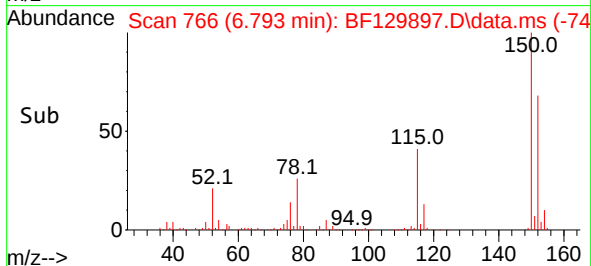
Instrument :
BNA_F
ClientSampleId :
ETGI-354



Tgt Ion:152 Resp: 87513
Ion Ratio Lower Upper
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150 147.7 126.9 190.3
115 60.6 53.4 80.0

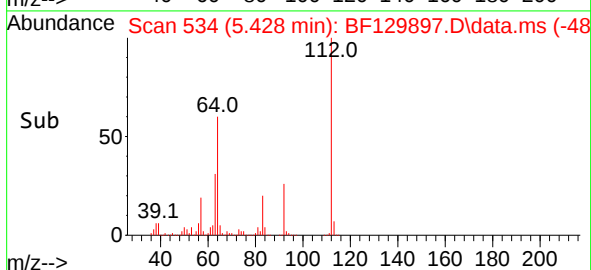
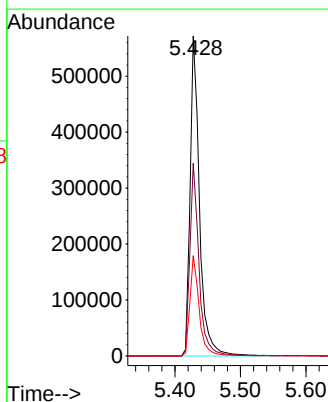
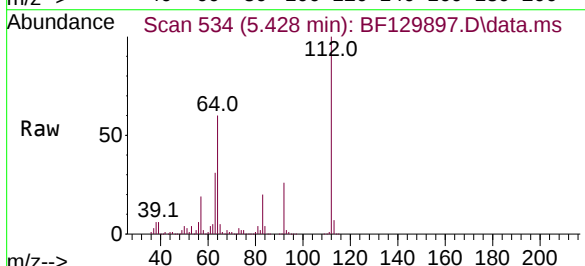
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#5
2-Fluorophenol
Concen: 107.767 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.000 min
Lab File: BF129897.D
Acq: 19 Aug 2022 02:36

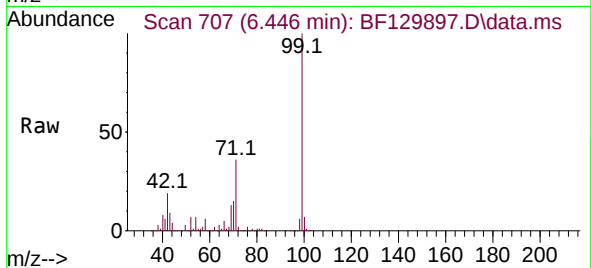
Tgt Ion:112 Resp: 569610
Ion Ratio Lower Upper
112 100
64 60.2 47.6 71.4
63 31.3 24.6 37.0





#7
Phenol-d6
Concen: 97.005 ng
RT: 6.446 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129897.D
Acq: 19 Aug 2022 02:36

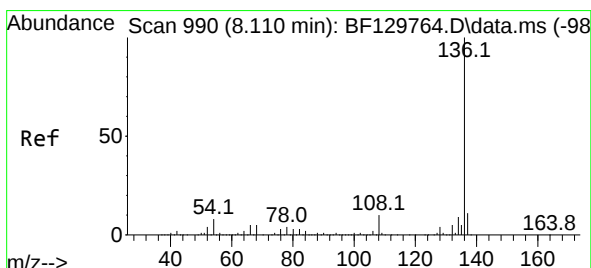
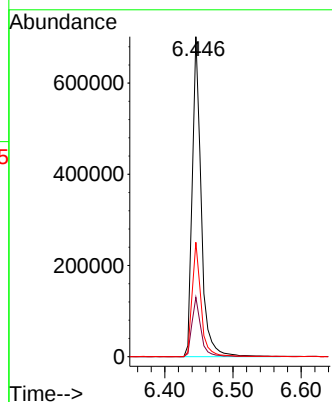
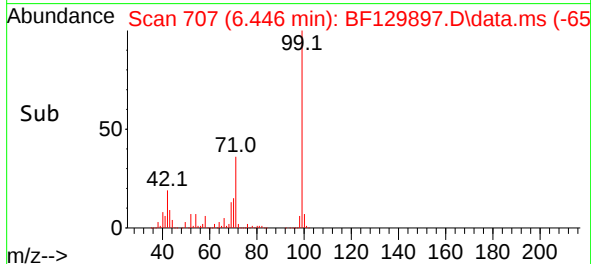
Instrument :
BNA_F
ClientSampleId :
ETGI-354



Tgt Ion: 99 Resp: 642074
Ion Ratio Lower Upper
99 100
42 18.5 15.0 22.4
71 35.7 28.8 43.2

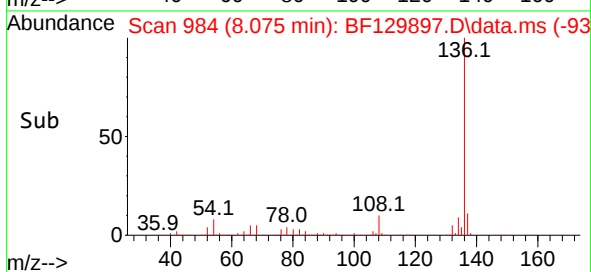
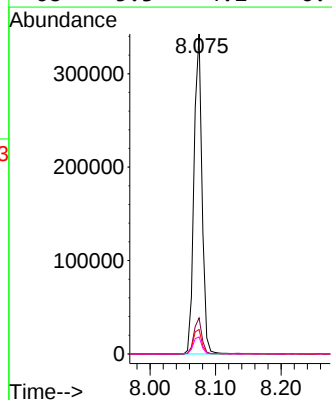
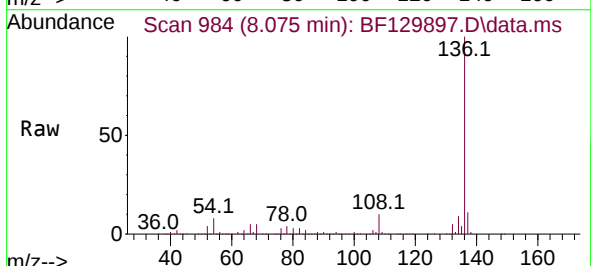
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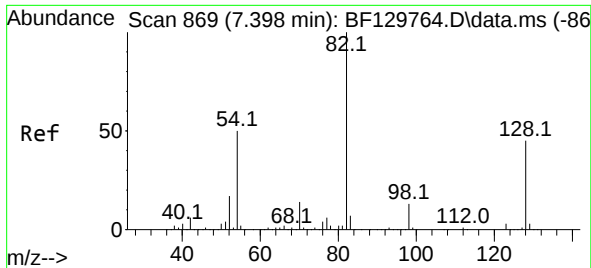
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129897.D
Acq: 19 Aug 2022 02:36

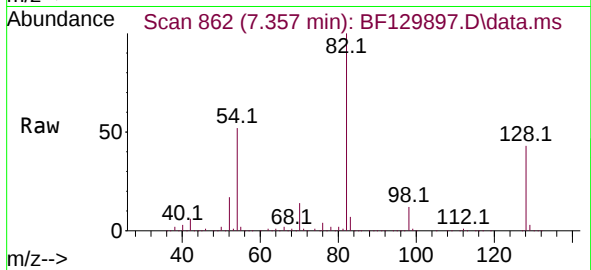
Tgt Ion:136 Resp: 292261
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.6 6.2 9.2
68 5.3 4.2 6.4





#23
Nitrobenzene-d5
Concen: 72.209 ng
RT: 7.357 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129897.D
Acq: 19 Aug 2022 02:36

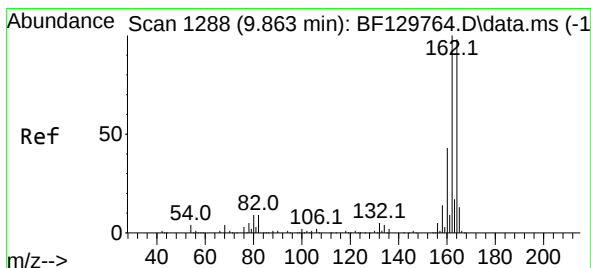
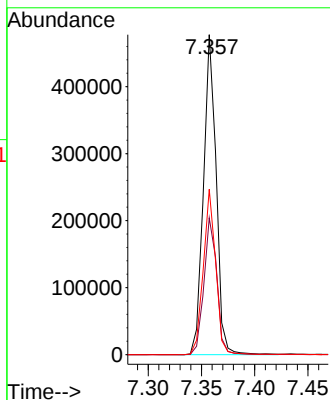
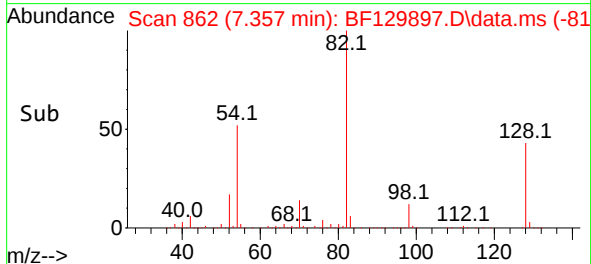
Instrument :
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ClientSampleId :
ETGI-354



Tgt Ion: 82 Resp: 394229
Ion Ratio Lower Upper
82 100
128 42.7 36.1 54.1
54 51.7 40.0 60.0

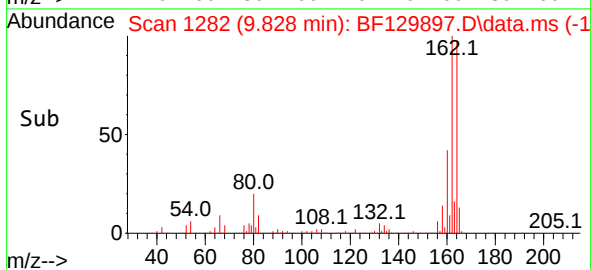
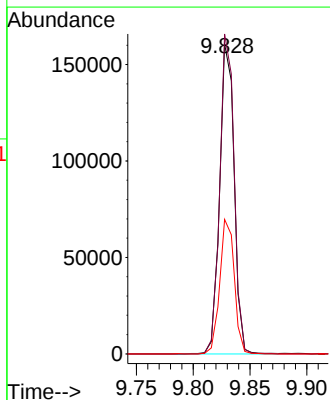
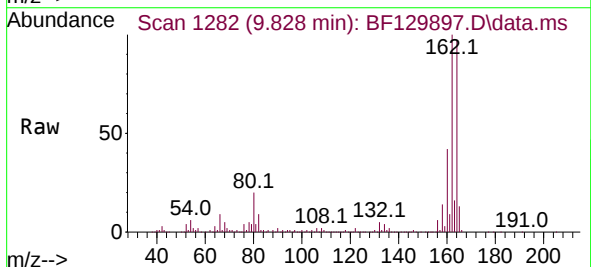
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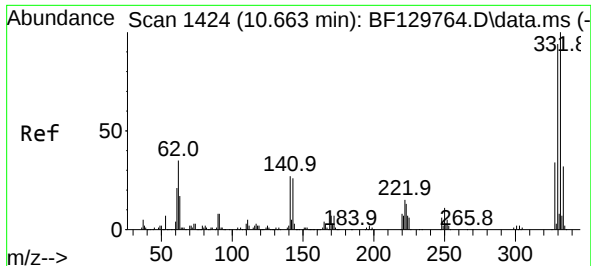
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129897.D
Acq: 19 Aug 2022 02:36

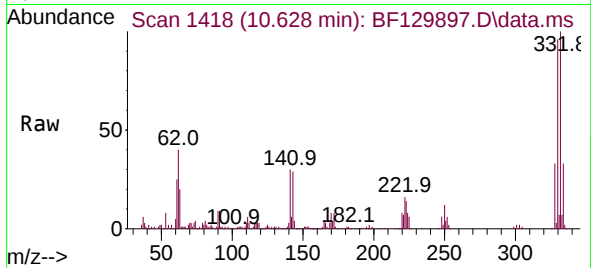
Tgt Ion:164 Resp: 142070
Ion Ratio Lower Upper
164 100
162 103.2 82.0 123.0
160 43.4 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 111.578 ng
RT: 10.628 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF129897.D
Acq: 19 Aug 2022 02:36

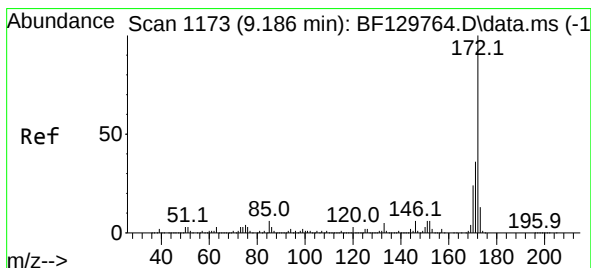
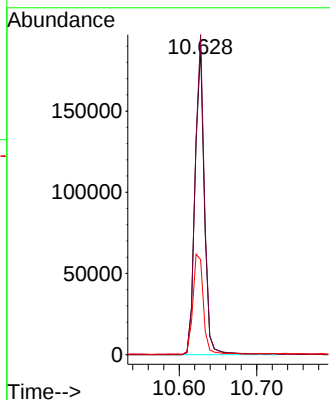
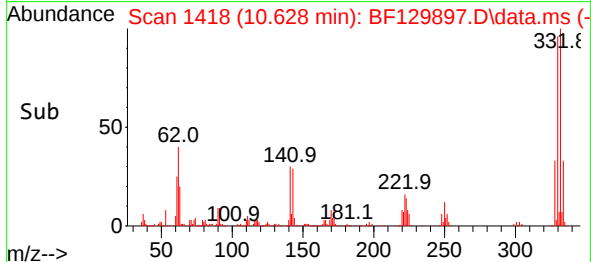
Instrument :
BNA_F
ClientSampleId :
ETGI-354



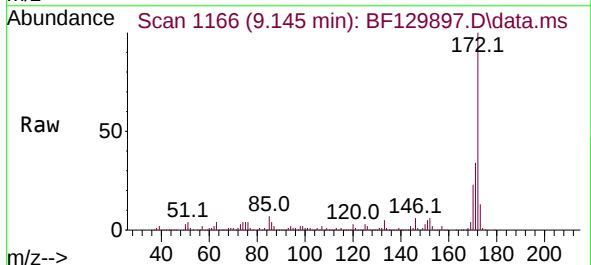
Tgt Ion: 330 Resp: 159097
Ion Ratio Lower Upper
330 100
332 102.7 82.6 124.0
141 35.8 27.6 41.4

Manual Integrations
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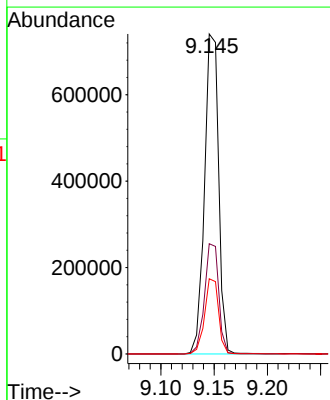
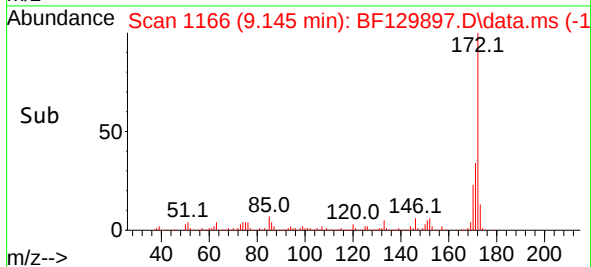
Reviewed By : Christian Giraldo 08/19/2022
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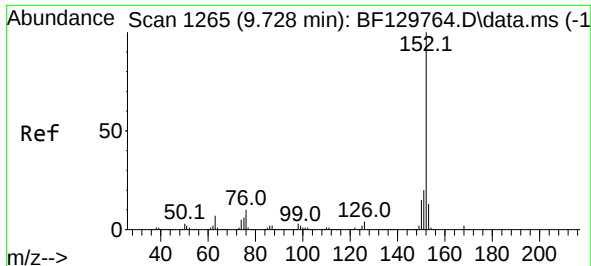


#45
2-Fluorobiphenyl
Concen: 72.992 ng
RT: 9.145 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF129897.D
Acq: 19 Aug 2022 02:36



Tgt Ion: 172 Resp: 682770
Ion Ratio Lower Upper
172 100
171 34.4 28.4 42.6
170 23.5 19.1 28.7





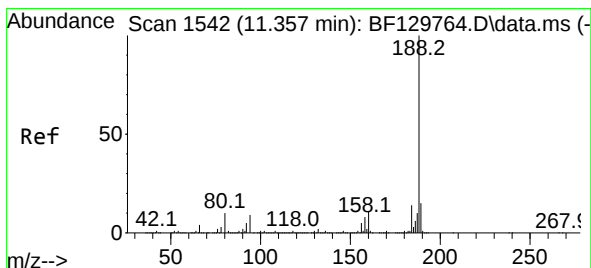
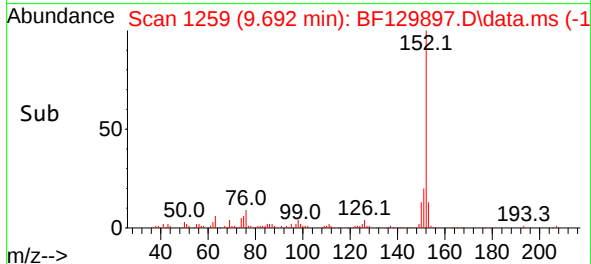
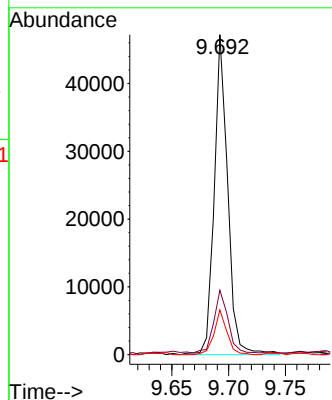
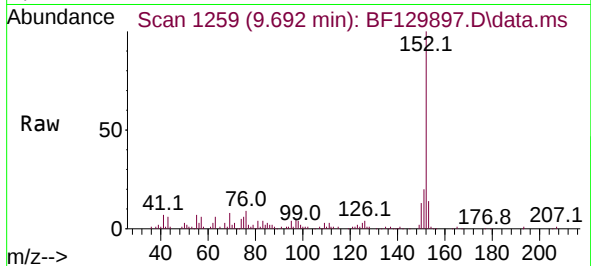
#49
Acenaphthylene
Concen: 3.017 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129897.D
Acq: 19 Aug 2022 02:36

Instrument :
BNA_F
ClientSampleId :
ETGI-354

Tgt Ion:152 Resp: 39063
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.9 10.6 16.0

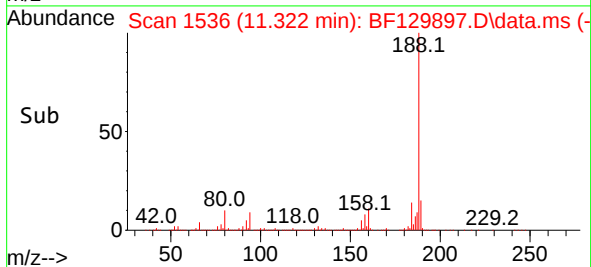
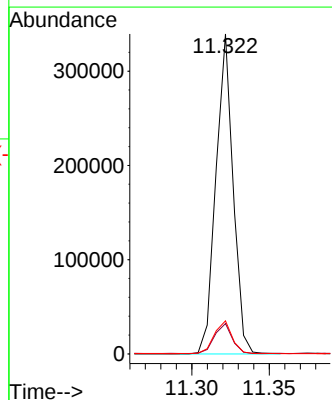
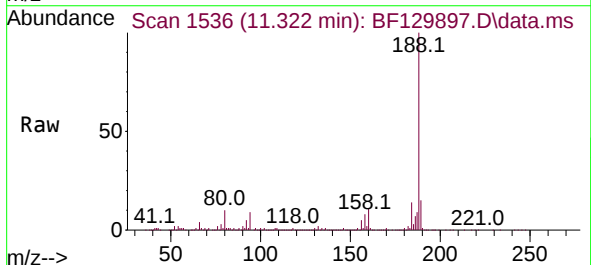
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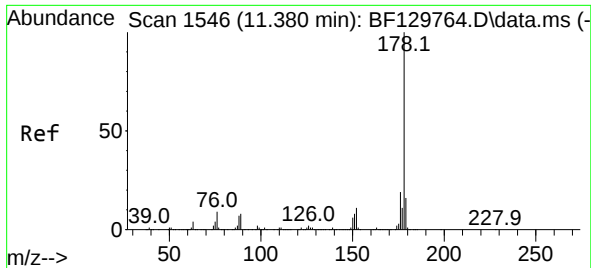
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF129897.D
Acq: 19 Aug 2022 02:36

Tgt Ion:188 Resp: 262211
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.3 7.9 11.9





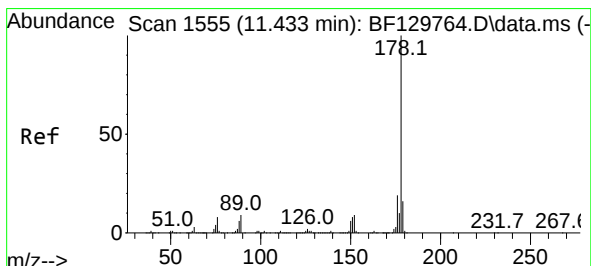
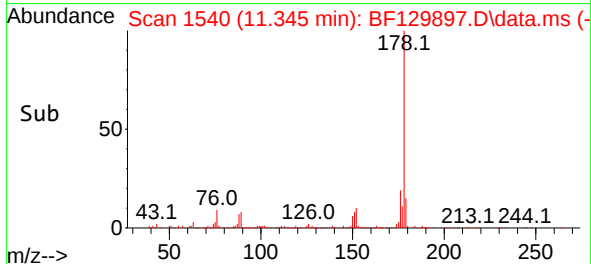
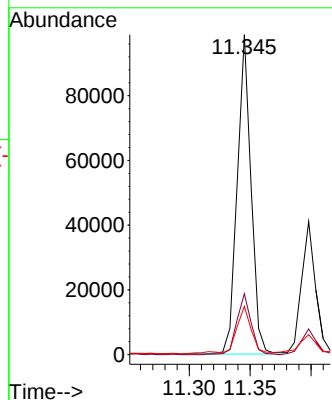
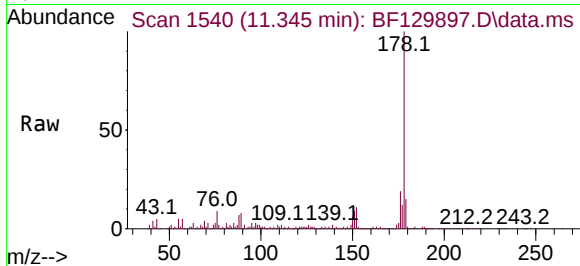
#71
Phenanthrene
Concen: 5.320 ng
RT: 11.345 min Scan# 11345
Delta R.T. -0.006 min
Lab File: BF129897.D
Acq: 19 Aug 2022 02:36

Instrument :
BNA_F
ClientSampleId :
ETGI-354

Tgt Ion:178 Resp: 77913
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.1 12.5 18.7

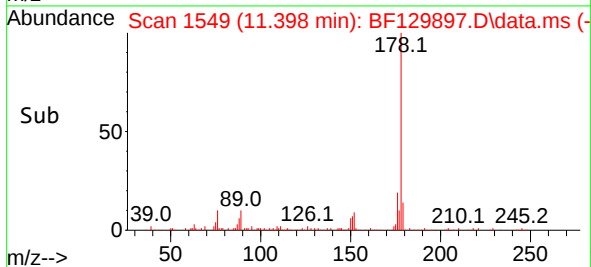
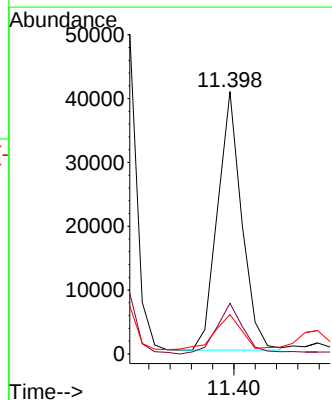
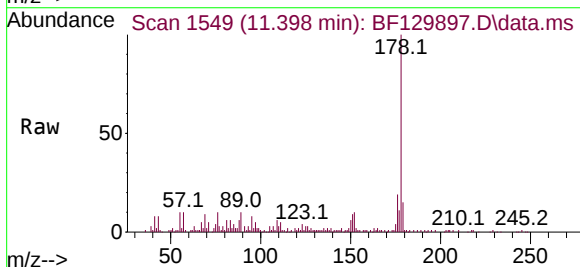
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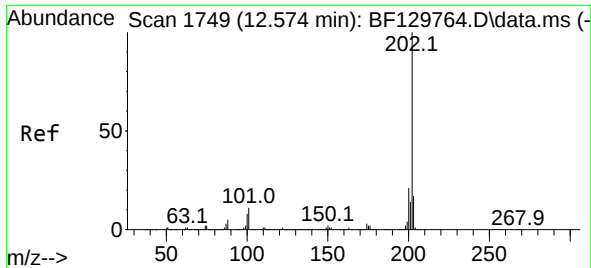
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#72
Anthracene
Concen: 2.194 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF129897.D
Acq: 19 Aug 2022 02:36

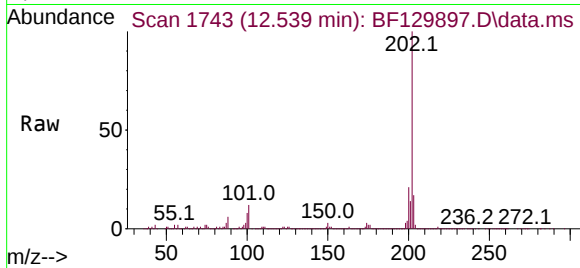
Tgt Ion:178 Resp: 31946
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.0 12.6 18.8





#75
Fluoranthene
Concen: 22.626 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129897.D
Acq: 19 Aug 2022 02:36

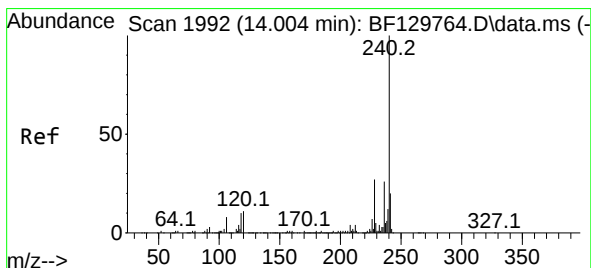
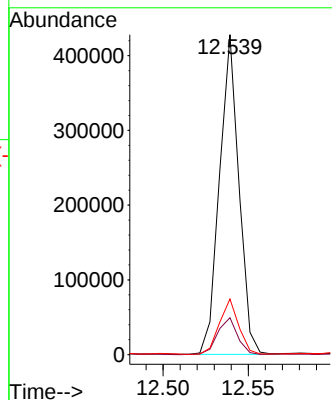
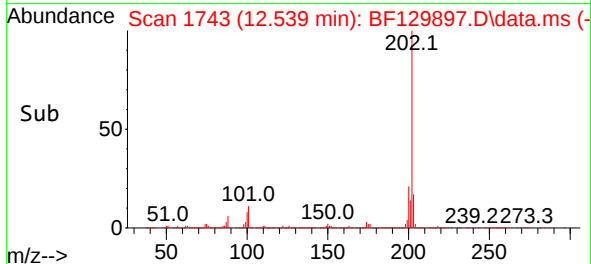
Instrument :
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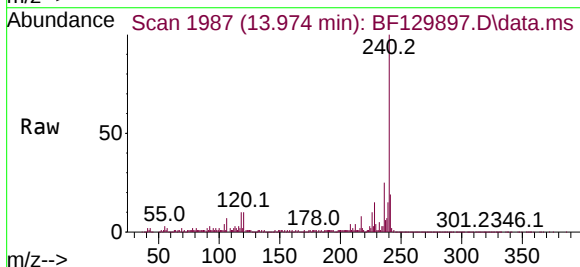
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Ion Ratio Lower Upper
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203 17.4 0.0 37.5

Manual Integrations
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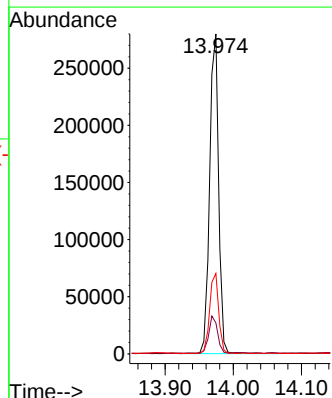
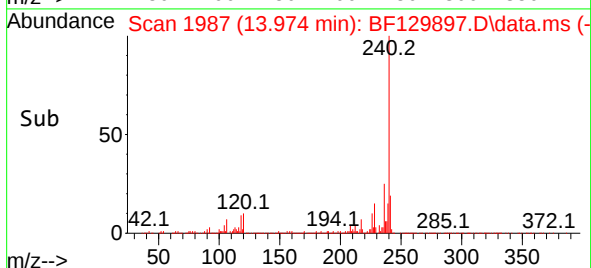
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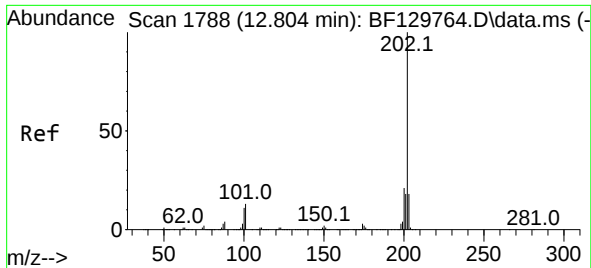


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BF129897.D
Acq: 19 Aug 2022 02:36



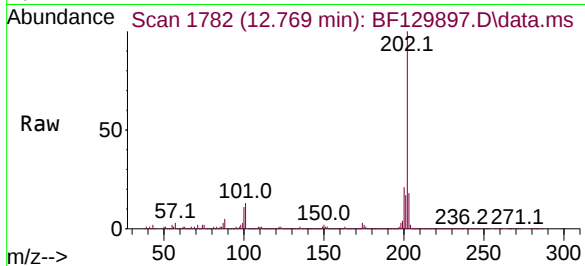
Tgt Ion:240 Resp: 256355
Ion Ratio Lower Upper
240 100
120 9.7 9.2 13.8
236 25.1 20.7 31.1





#78
Pyrene
Concen: 16.918 ng
RT: 12.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129897.D
Acq: 19 Aug 2022 02:36

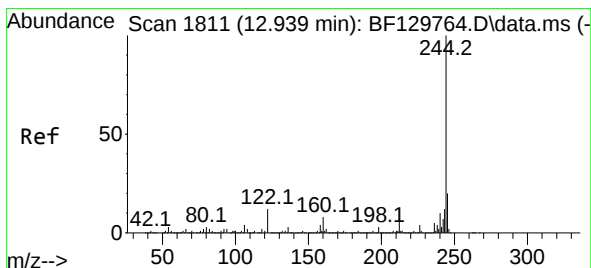
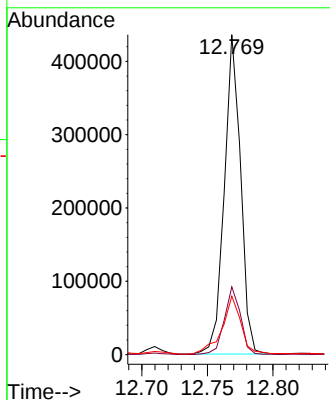
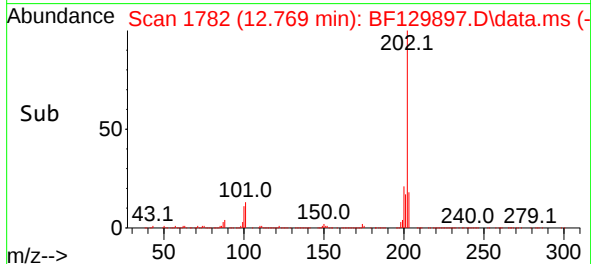
Instrument :
BNA_F
ClientSampleId :
ETGI-354



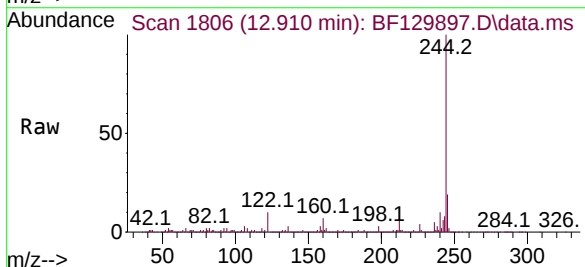
Tgt Ion:202 Resp: 376878
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 18.3 14.1 21.1

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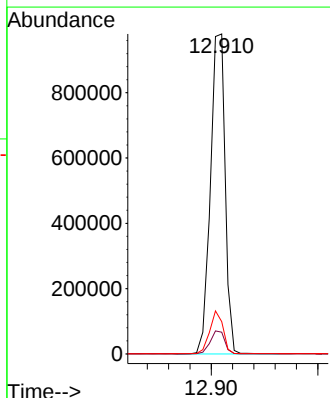
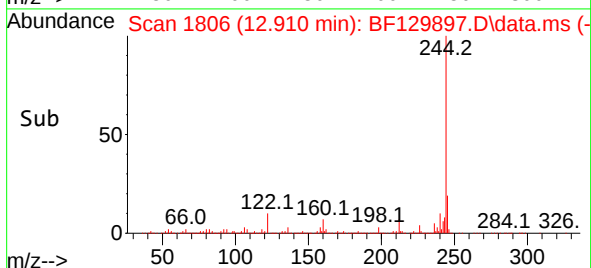
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022

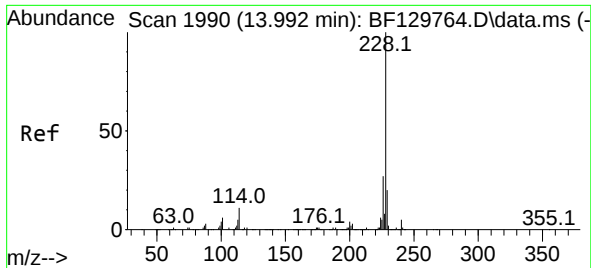


#79
Terphenyl-d14
Concen: 61.124 ng
RT: 12.910 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BF129897.D
Acq: 19 Aug 2022 02:36



Tgt Ion:244 Resp: 941708
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 10.1 9.9 14.9





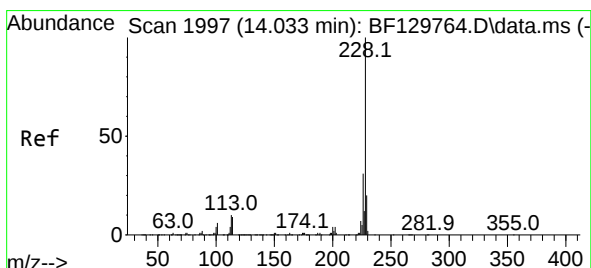
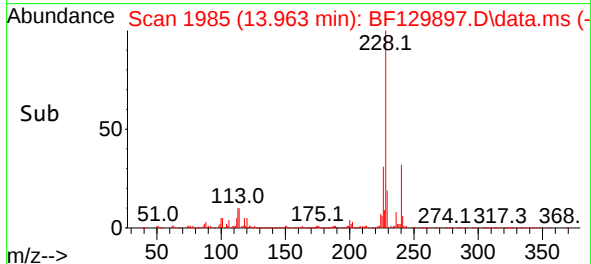
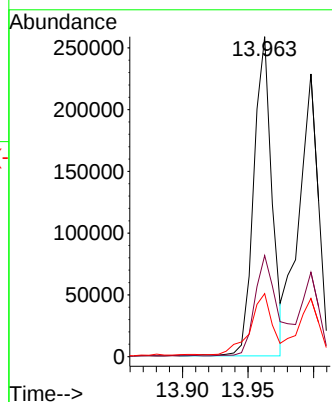
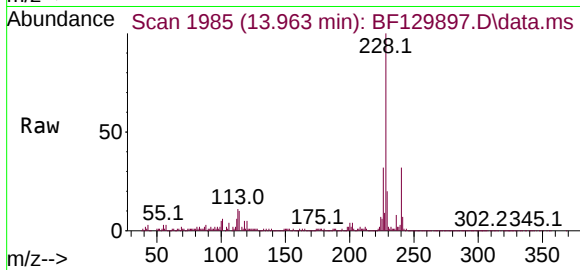
#81
Benzo(a)anthracene
Concen: 14.094 ng
RT: 13.963 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BF129897.D
Acq: 19 Aug 2022 02:36

Instrument :
BNA_F
ClientSampleId :
ETGI-354

Tgt Ion:228 Resp: 248538
Ion Ratio Lower Upper
228 100
226 31.6 21.4 32.0
229 19.7 16.1 24.1

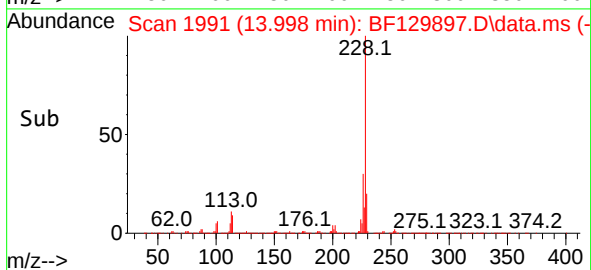
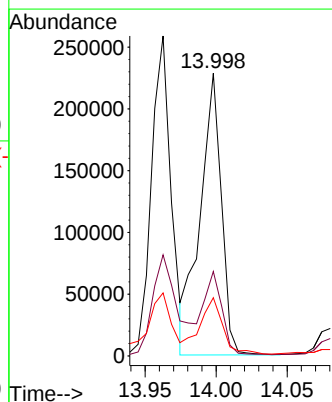
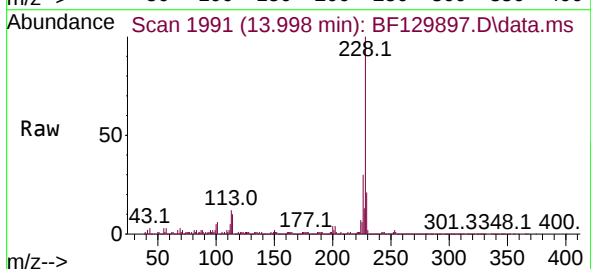
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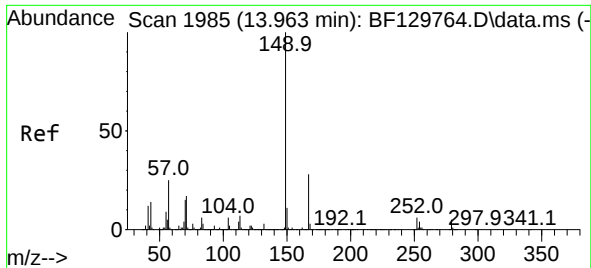
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#83
Chrysene
Concen: 14.477 ng
RT: 13.998 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BF129897.D
Acq: 19 Aug 2022 02:36

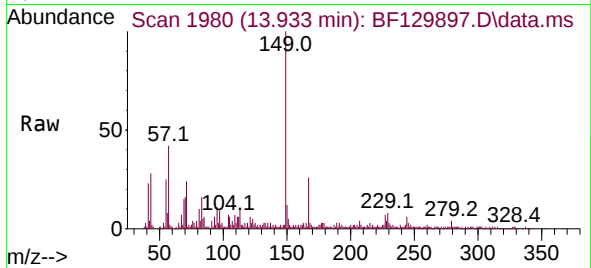
Tgt Ion:228 Resp: 238976
Ion Ratio Lower Upper
228 100
226 29.9 24.4 36.6
229 20.6 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.976 ng
RT: 13.933 min Scan# 1985
Delta R.T. 0.006 min
Lab File: BF129897.D
Acq: 19 Aug 2022 02:36

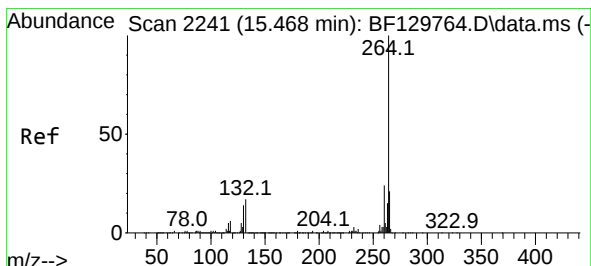
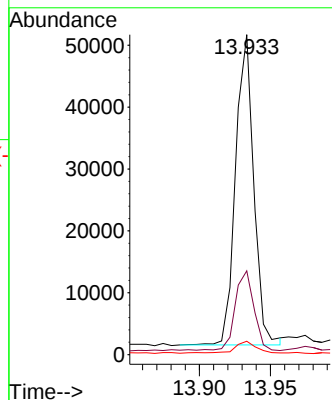
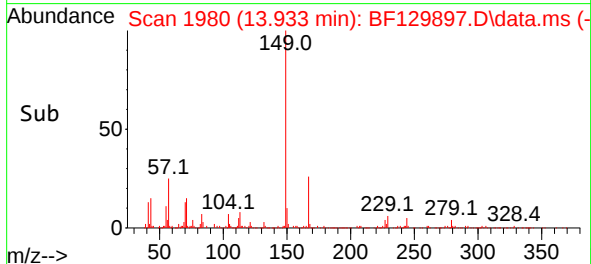
Instrument :
BNA_F
ClientSampleId :
ETGI-354



Tgt Ion:149 Resp: 44469
Ion Ratio Lower Upper
149 100
167 26.2 22.0 33.0
279 4.2 3.6 5.4

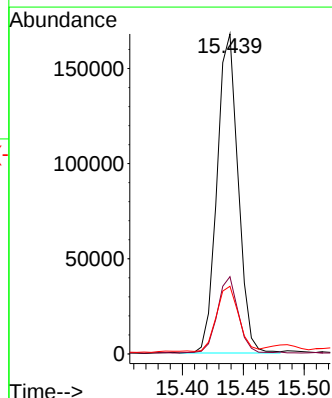
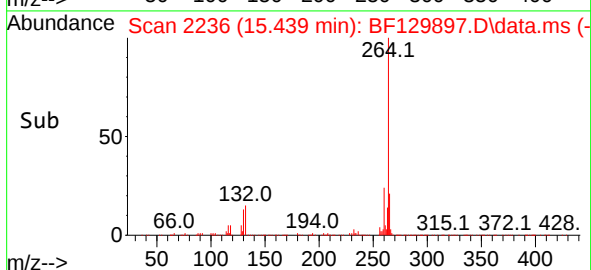
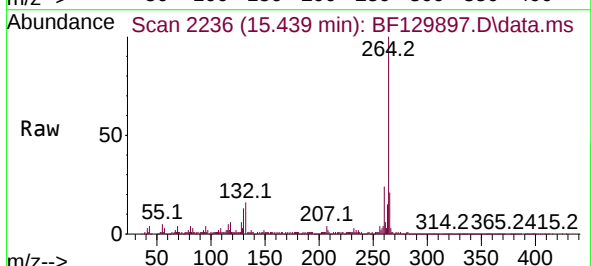
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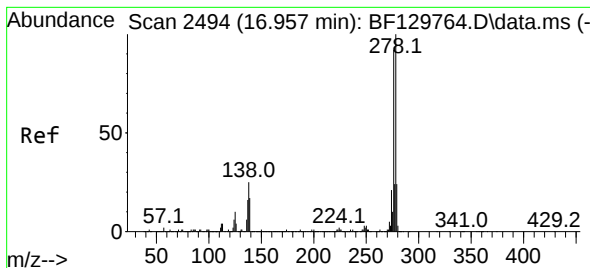
Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2236
Delta R.T. 0.012 min
Lab File: BF129897.D
Acq: 19 Aug 2022 02:36

Tgt Ion:264 Resp: 202033
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 21.1 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.121 ng

RT: 16.904 min Scan# 2494

Delta R.T. 0.000 min

Lab File: BF129897.D

Acq: 19 Aug 2022 02:36

Instrument :

BNA_F

ClientSampleId :

ETGI-354

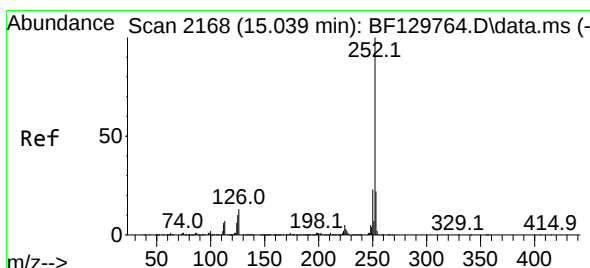
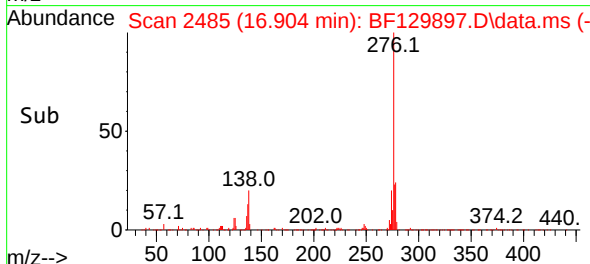
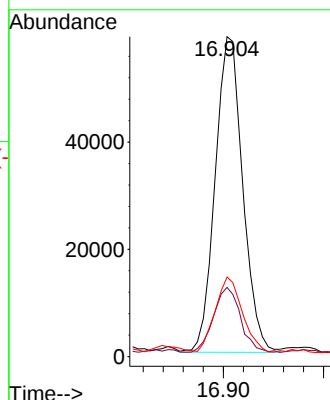
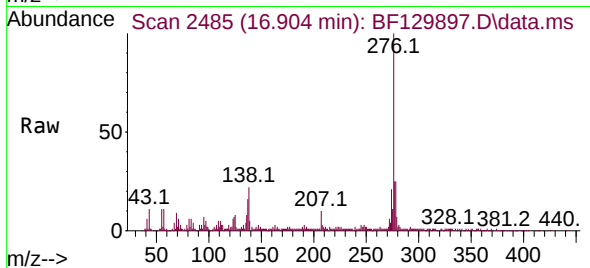
Tgt Ion:276 Resp: 112638
 Ion Ratio Lower Upper
 276 100
 138 20.3 19.8 29.8
 277 23.4 20.4 30.6

Manual Integrations

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Reviewed By :Christian Giraldo 08/19/2022

Supervised By :Jagrut Upadhyay 08/19/2022



#88

Benzo(b)fluoranthene

Concen: 21.654 ng m

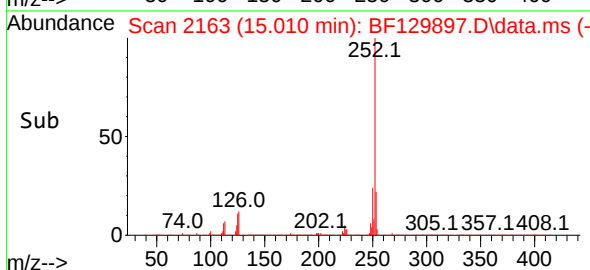
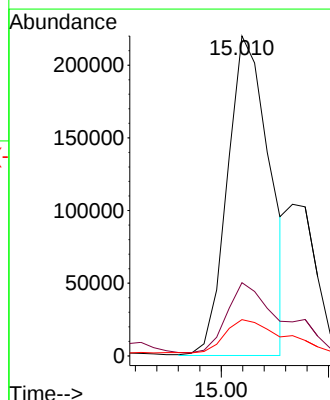
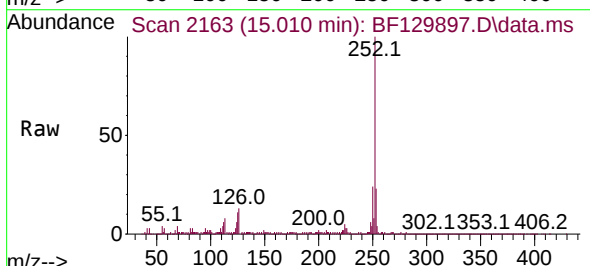
RT: 15.010 min Scan# 2163

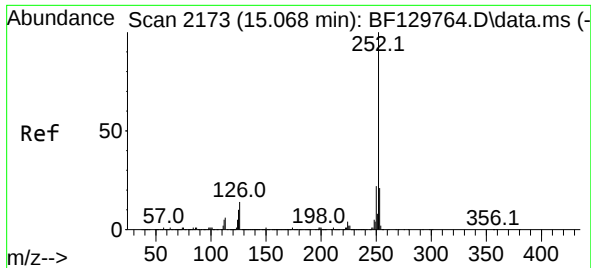
Delta R.T. 0.006 min

Lab File: BF129897.D

Acq: 19 Aug 2022 02:36

Tgt Ion:252 Resp: 299567
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.5 26.3
 125 11.3 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 7.595 ng m

RT: 15.033 min Scan# 2173

Delta R.T. 0.000 min

Lab File: BF129897.D

Acq: 19 Aug 2022 02:36

Instrument :

BNA_F

ClientSampleId :

ETGI-354

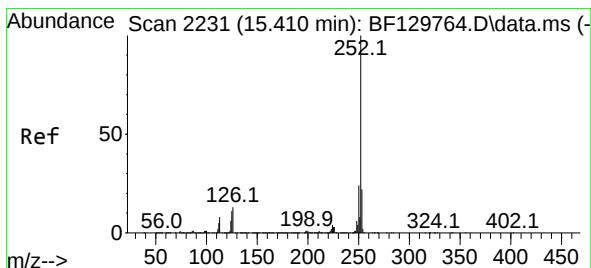
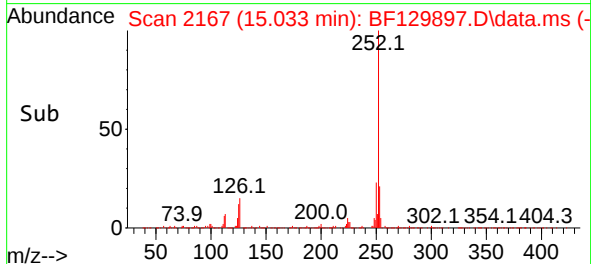
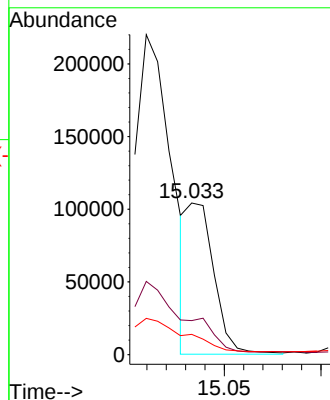
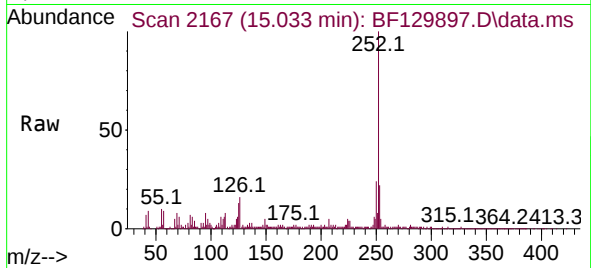
Tgt Ion:252	Resp: 100762
Ion Ratio	Lower Upper
252	100
253	22.4 17.1 25.7
125	13.3 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 08/19/2022

Supervised By :Jagrut Upadhyay 08/19/2022



#90

Benzo(a)pyrene

Concen: 17.530 ng

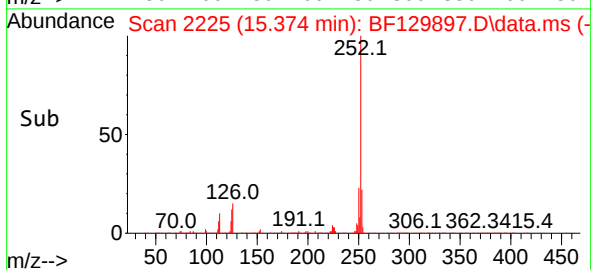
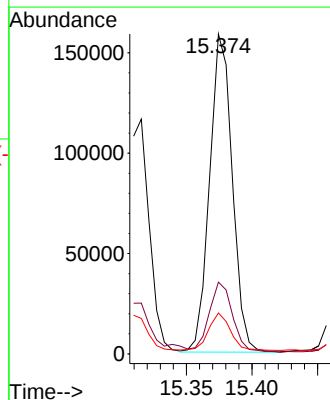
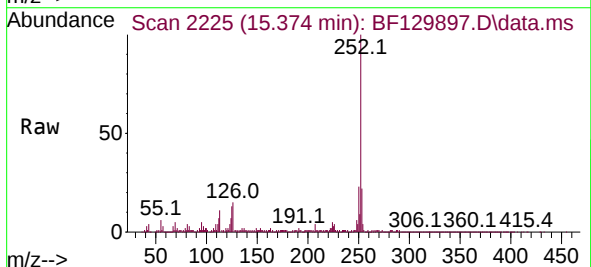
RT: 15.374 min Scan# 2225

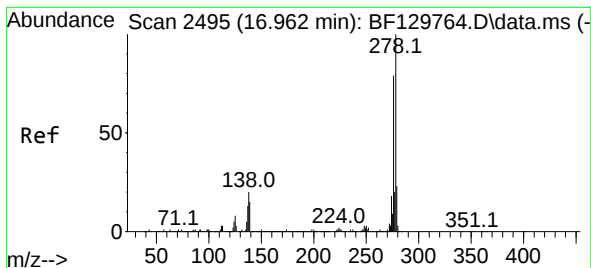
Delta R.T. 0.006 min

Lab File: BF129897.D

Acq: 19 Aug 2022 02:36

Tgt Ion:252	Resp: 190984
Ion Ratio	Lower Upper
252	100
253	22.4 17.2 25.8
125	12.8 8.8 13.2





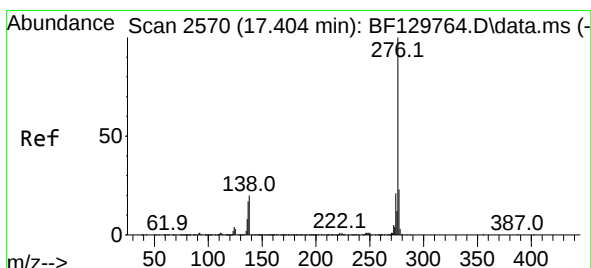
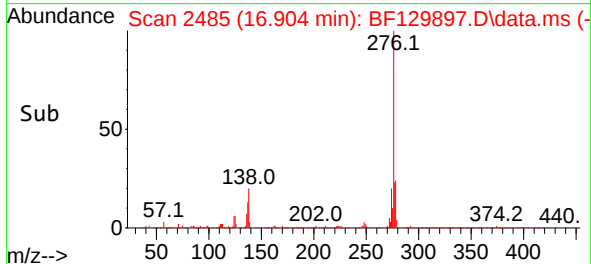
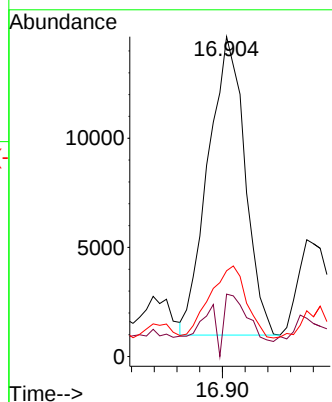
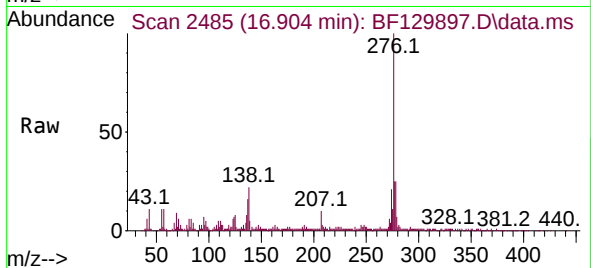
#91
Dibenzo(a,h)anthracene
Concen: 2.688 ng
RT: 16.904 min Scan# 2495
Delta R.T. 0.000 min
Lab File: BF129897.D
Acq: 19 Aug 2022 02:36

Instrument :
BNA_F
ClientSampleId :
ETGI-354

Tgt Ion:278 Resp: 30763
Ion Ratio Lower Upper
278 100
139 19.5 12.2 18.4
279 26.8 18.7 28.1

Manual Integrations
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Reviewed By :Christian Giraldo 08/19/2022
Supervised By :Jagrut Upadhyay 08/19/2022



#92
Benzo(g,h,i)perylene
Concen: 9.104 ng
RT: 17.351 min Scan# 2561
Delta R.T. 0.006 min
Lab File: BF129897.D
Acq: 19 Aug 2022 02:36

Tgt Ion:276 Resp: 103939
Ion Ratio Lower Upper
276 100
277 25.0 18.2 27.4
138 23.3 15.8 23.8

