

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
 Data File : BF130348.D
 Acq On : 20 Sep 2022 17:16
 Operator : CG\JU
 Sample : N4703-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-363

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/21/2022
 Supervised By : Jagrut Upadhyay 09/21/2022

Quant Time: Sep 21 05:16:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	69381	20.000	ng	0.00
21) Naphthalene-d8	7.939	136	239809	20.000	ng	# 0.00
39) Acenaphthene-d10	9.686	164	104364	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	158536	20.000	ng	0.00
76) Chrysene-d12	13.798	240	166984	20.000	ng	0.00
86) Perylene-d12	15.192	264	199774	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	385071	96.264	ng	0.00
7) Phenol-d6	6.298	99	431351	86.182	ng	0.00
23) Nitrobenzene-d5	7.222	82	282658	60.217	ng	-0.01
42) 2,4,6-Tribromophenol	10.474	330	96519	96.518	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	475439	66.338	ng	0.00
79) Terphenyl-d14	12.751	244	451359	44.775	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.192	178	29936	3.363	ng	99
75) Fluoranthene	12.374	202	93040	10.817	ng	98
78) Pyrene	12.604	202	84090	5.756	ng	98
81) Benzo(a)anthracene	13.786	228	66564	5.992	ng	95
83) Chrysene	13.821	228	64587	6.123	ng	97
84) Bis(2-ethylhexyl)phtha...	13.792	149	60865	9.819	ng	98
85) Di-n-octyl phthalate	14.404	149	42998	4.535	ng	# 74
87) Indeno(1,2,3-cd)pyrene	16.503	276	44875	3.168	ng	# 93
88) Benzo(b)fluoranthene	14.798	252	119687	9.179	ng	100
89) Benzo(k)fluoranthene	14.821	252	47233m	3.682	ng	
90) Benzo(a)pyrene	15.127	252	74622	7.224	ng	99
92) Benzo(g,h,i)perylene	16.898	276	39224	3.350	ng	97

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

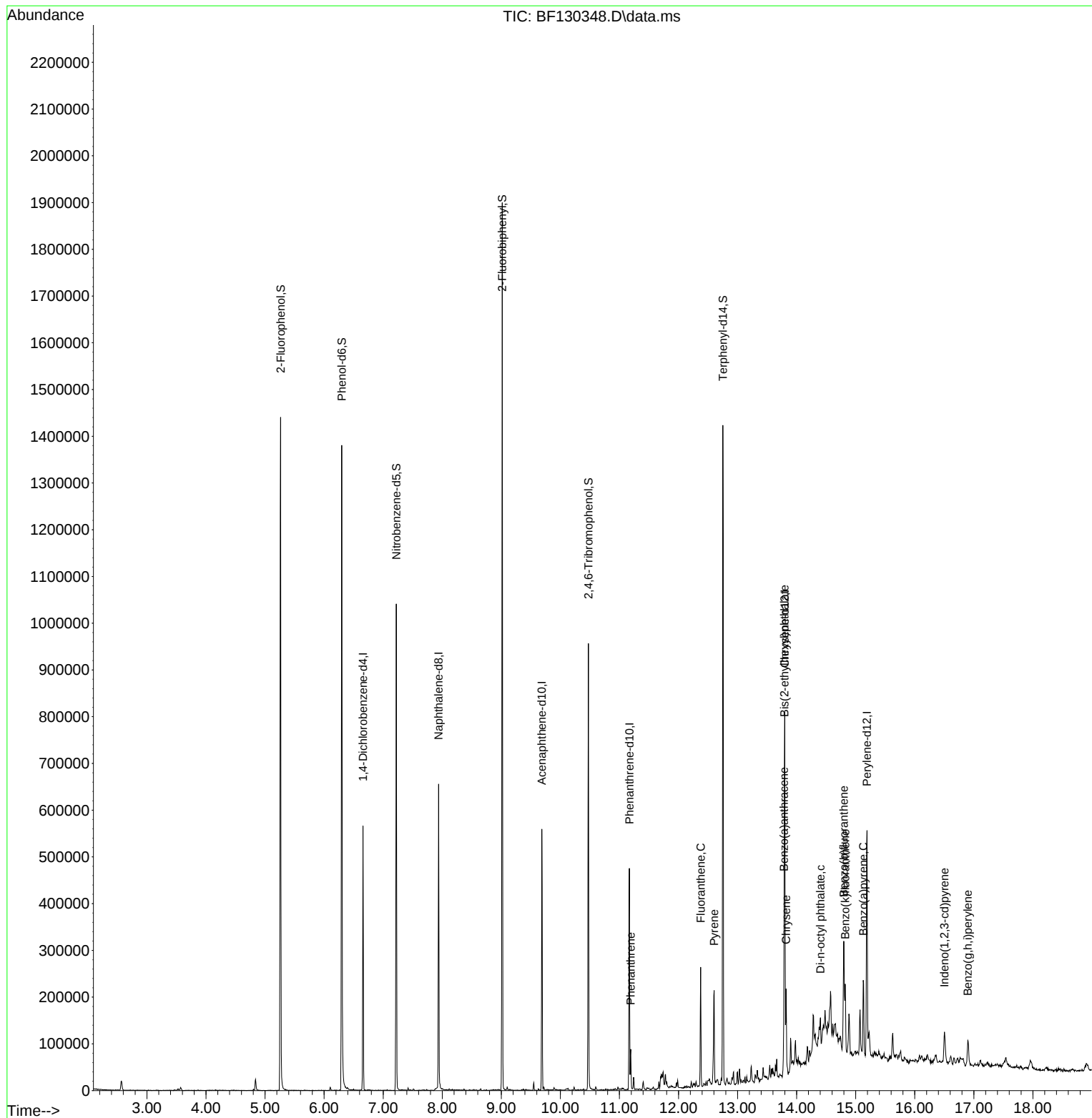
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
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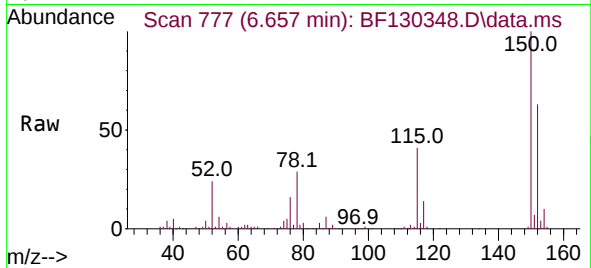
Reviewed By : Christian Giraldo 09/21/2022
Supervised By : Jagrut Upadhyay 09/21/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130348.D
Acq: 20 Sep 2022 17:16

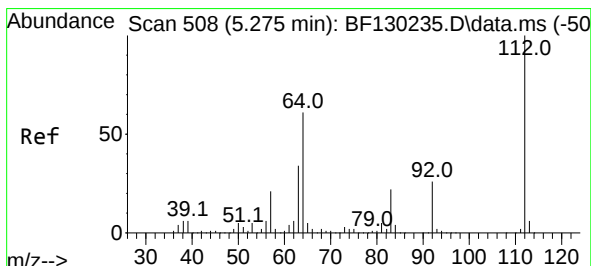
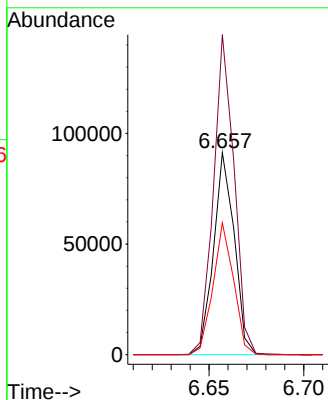
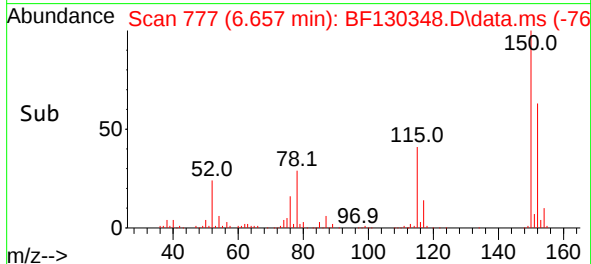
Instrument :
BNA_F
ClientSampleId :
ETGI-363



Tgt Ion:152 Resp: 69381
Ion Ratio Lower Upper
152 100
150 158.3 122.8 184.2
115 65.2 53.8 80.8

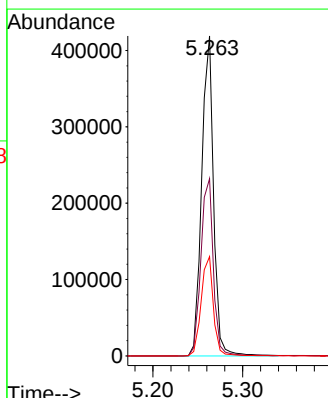
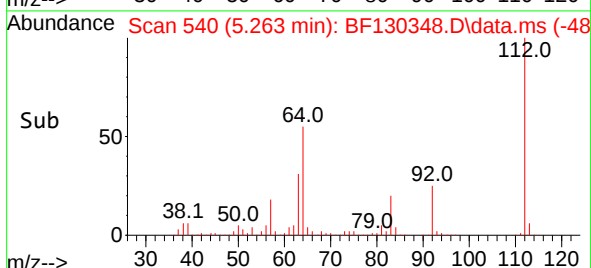
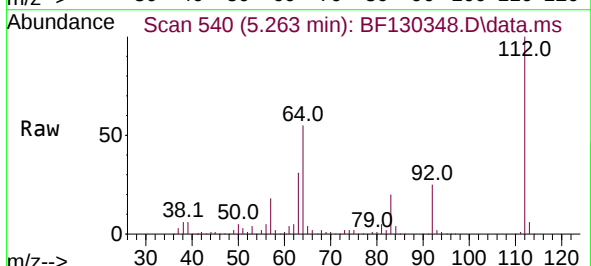
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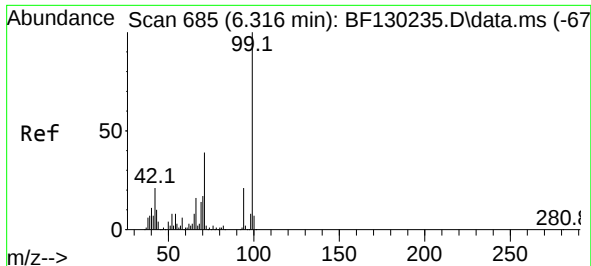
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#5
2-Fluorophenol
Concen: 96.264 ng
RT: 5.263 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF130348.D
Acq: 20 Sep 2022 17:16

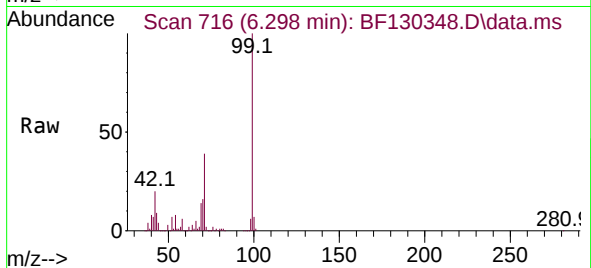
Tgt Ion:112 Resp: 385071
Ion Ratio Lower Upper
112 100
64 55.4 51.4 77.0
63 31.0 28.8 43.2





#7
Phenol-d6
Concen: 86.182 ng
RT: 6.298 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130348.D
Acq: 20 Sep 2022 17:16

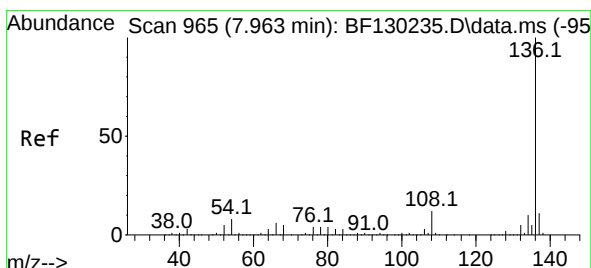
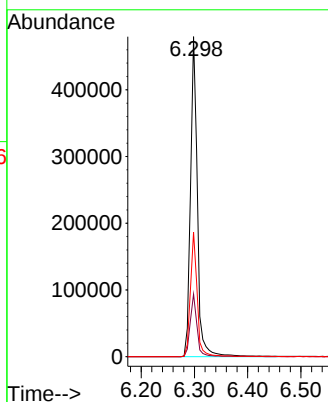
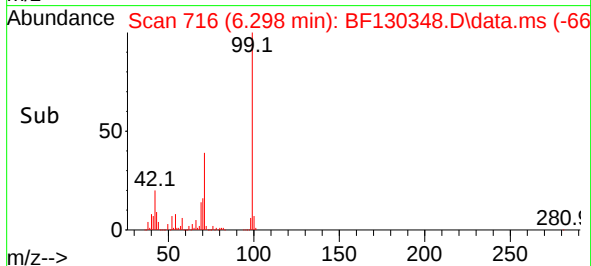
Instrument :
BNA_F
ClientSampleId :
ETGI-363



Tgt Ion: 99 Resp: 43135
Ion Ratio Lower Upper
99 100
42 19.5 17.0 25.6
71 38.9 32.3 48.5

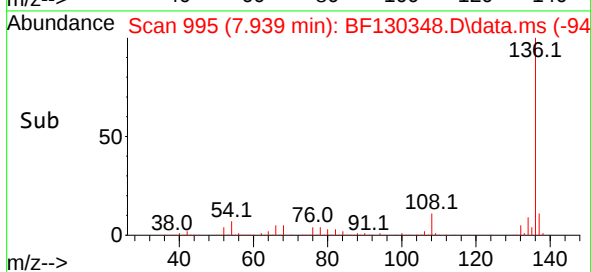
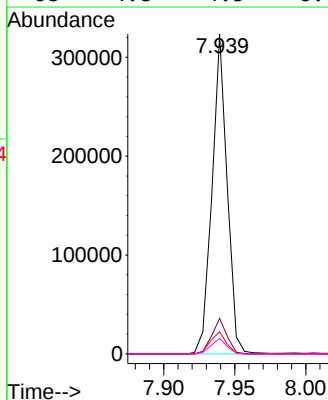
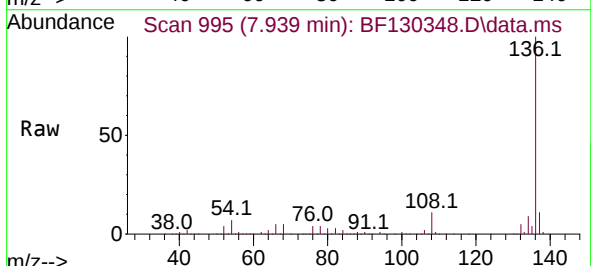
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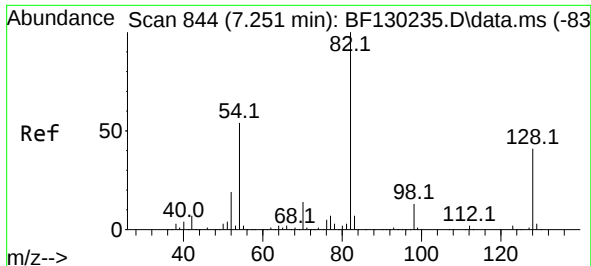
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF130348.D
Acq: 20 Sep 2022 17:16

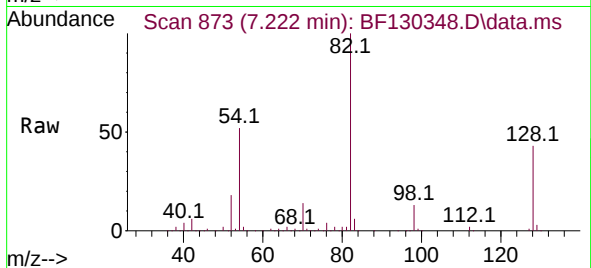
Tgt Ion:136 Resp: 239809
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 6.9 7.1 10.7#
68 4.8 4.5 6.7





#23
Nitrobenzene-d5
Concen: 60.217 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF130348.D
Acq: 20 Sep 2022 17:16

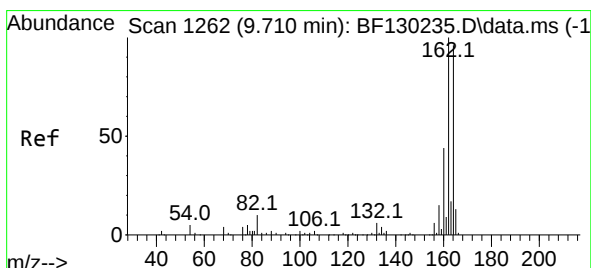
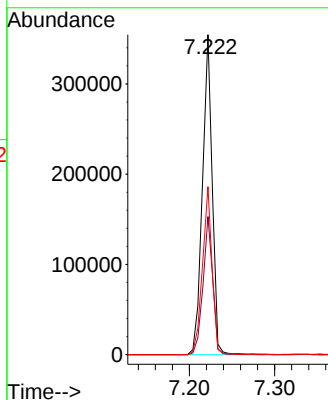
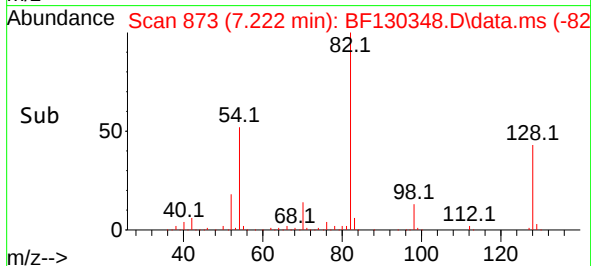
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 82 Resp: 282658
Ion Ratio Lower Upper
82 100
128 43.2 32.6 49.0
54 52.5 43.8 65.6

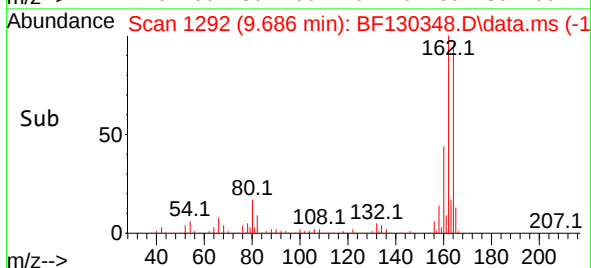
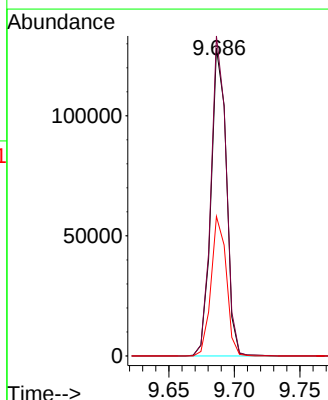
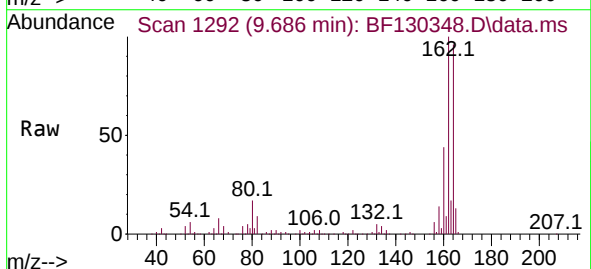
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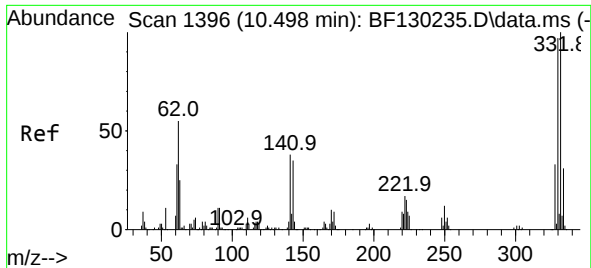
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130348.D
Acq: 20 Sep 2022 17:16

Tgt Ion:164 Resp: 104364
Ion Ratio Lower Upper
164 100
162 104.0 81.4 122.0
160 45.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 96.518 ng

RT: 10.474 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130348.D

Acq: 20 Sep 2022 17:16

Instrument :

BNA_F

ClientSampleId :

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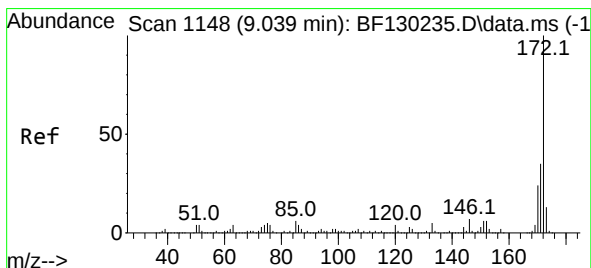
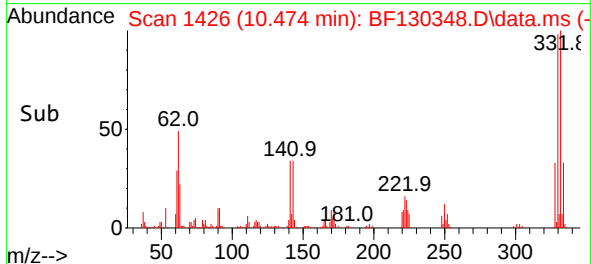
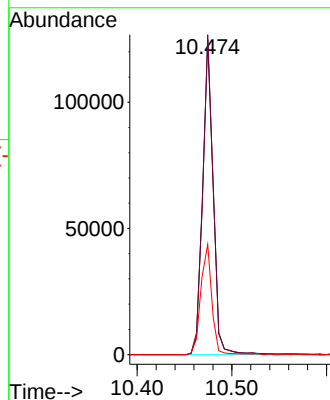
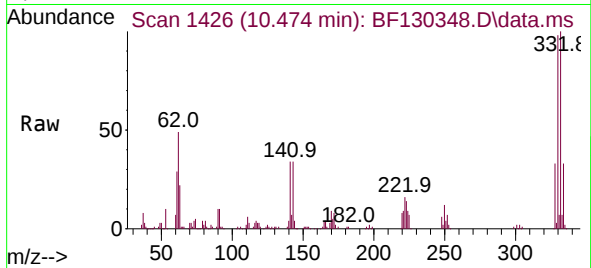
Tgt Ion:	330	Resp:	96519
Ion Ratio	Lower	Upper	
330	100		
332	101.3	83.4	125.2
141	36.7	34.0	51.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/21/2022



#45

2-Fluorobiphenyl

Concen: 66.338 ng

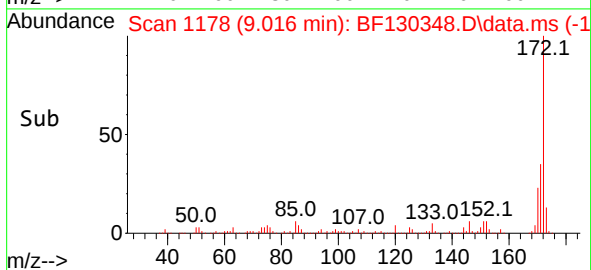
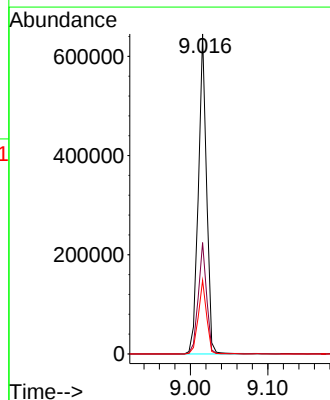
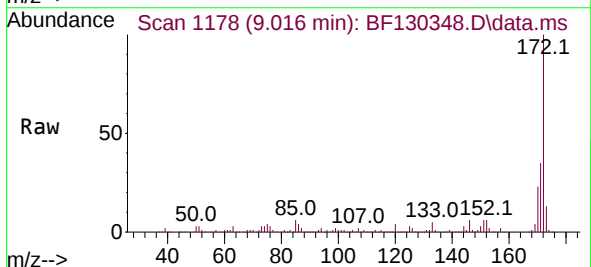
RT: 9.016 min Scan# 1178

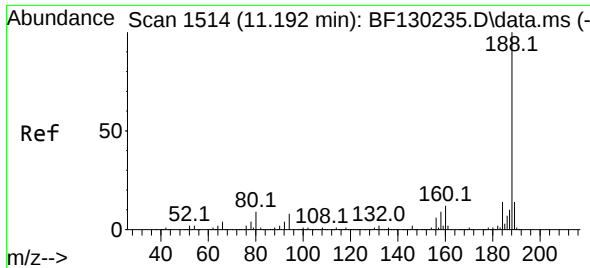
Delta R.T. -0.006 min

Lab File: BF130348.D

Acq: 20 Sep 2022 17:16

Tgt Ion:	172	Resp:	475439
Ion Ratio	Lower	Upper	
172	100		
171	34.8	28.3	42.5
170	23.0	18.7	28.1





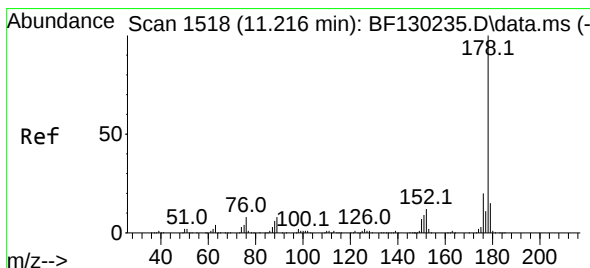
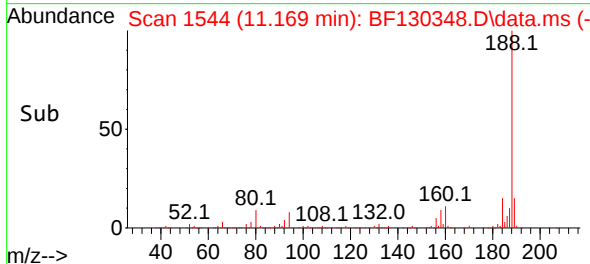
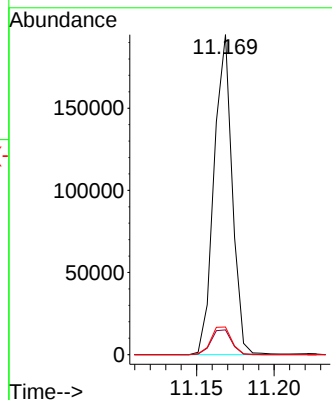
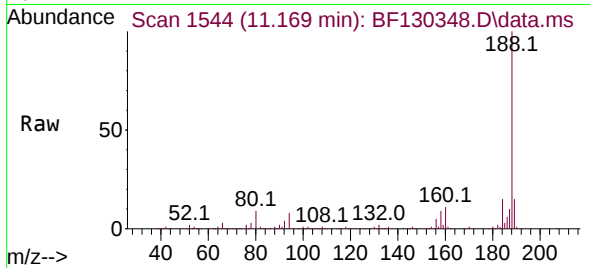
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130348.D
Acq: 20 Sep 2022 17:16

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ClientSampleId :
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Tgt Ion:188 Resp: 158536
Ion Ratio Lower Upper
188 100
94 7.7 7.4 11.2
80 8.6 7.9 11.9

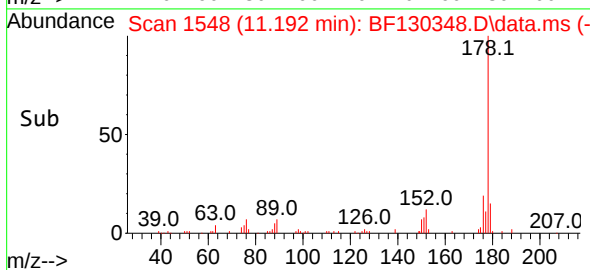
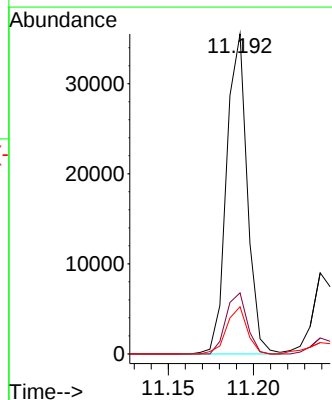
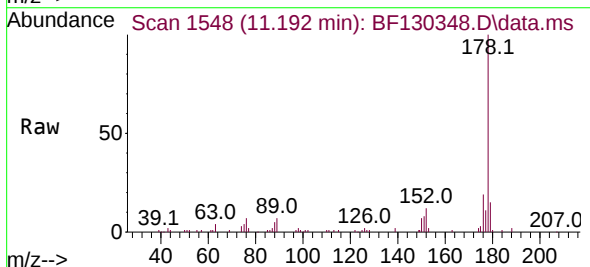
Manual Integrations
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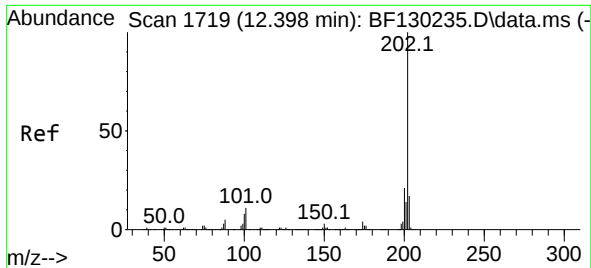
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#71
Phenanthrene
Concen: 3.363 ng
RT: 11.192 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BF130348.D
Acq: 20 Sep 2022 17:16

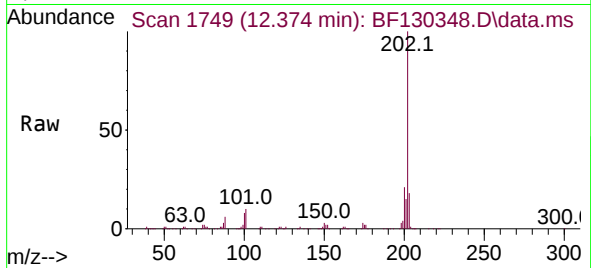
Tgt Ion:178 Resp: 29936
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 14.7 12.4 18.6





#75
Fluoranthene
Concen: 10.817 ng
RT: 12.374 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BF130348.D
Acq: 20 Sep 2022 17:16

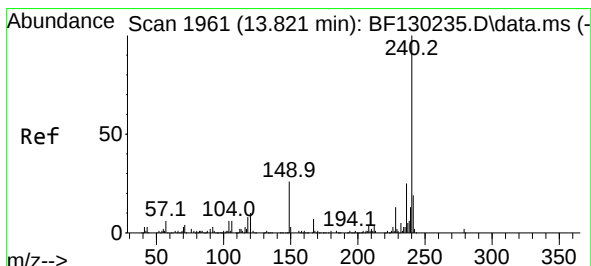
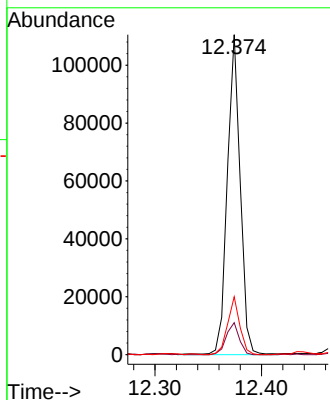
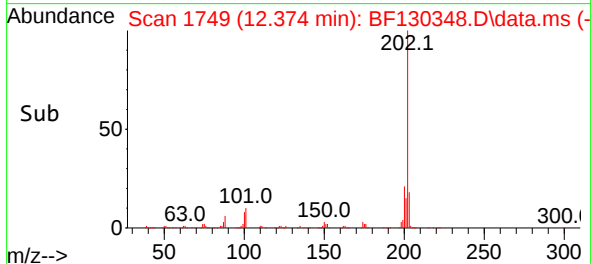
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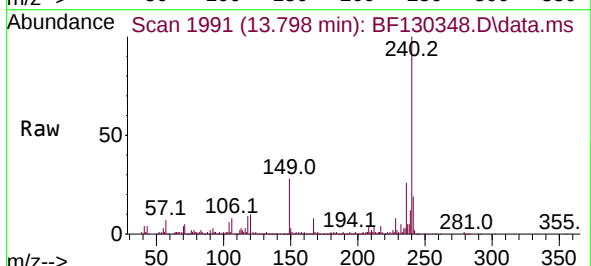
Tgt Ion:202 Resp: 93040
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.8
203 18.1 0.0 37.8

Manual Integrations
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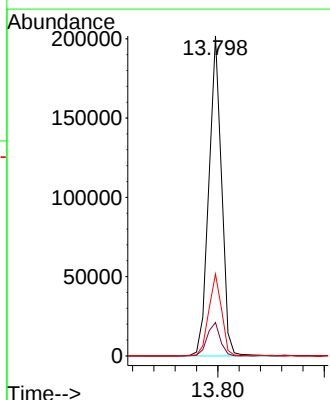
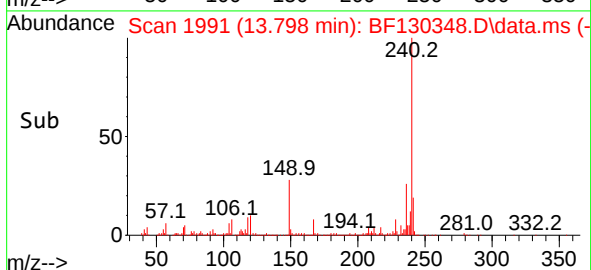
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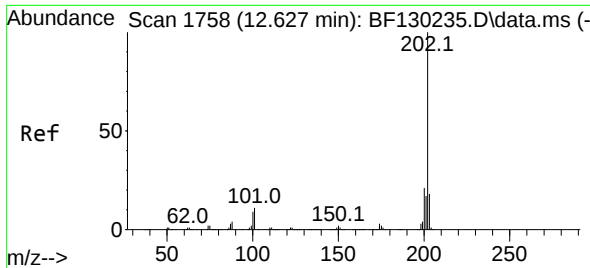


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130348.D
Acq: 20 Sep 2022 17:16



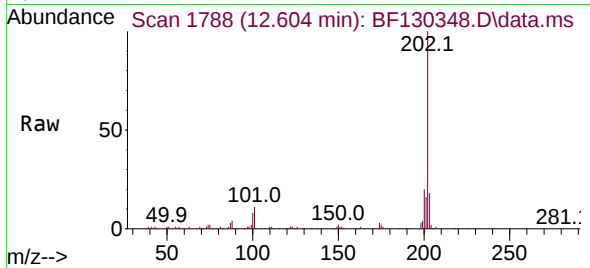
Tgt Ion:240 Resp: 166984
Ion Ratio Lower Upper
240 100
120 10.4 8.7 13.1
236 25.6 20.9 31.3





#78
 Pyrene
 Concen: 5.756 ng
 RT: 12.604 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BF130348.D
 Acq: 20 Sep 2022 17:16

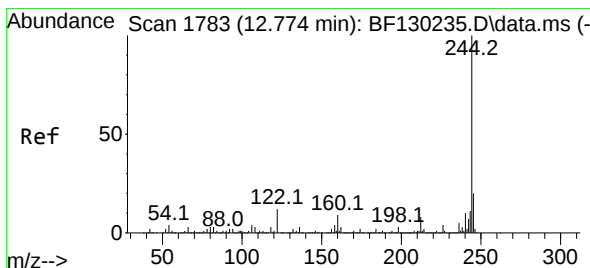
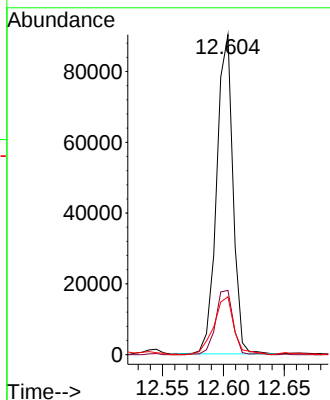
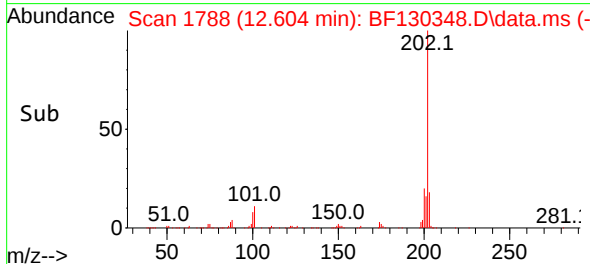
Instrument :
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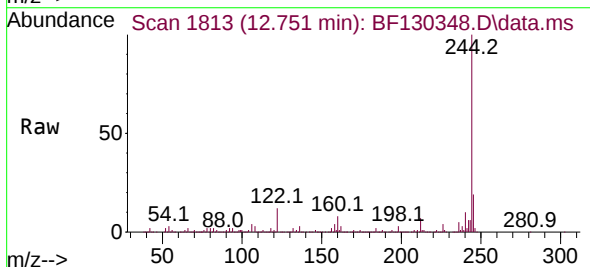
Tgt Ion:202 Resp: 84090
 Ion Ratio Lower Upper
 202 100
 200 20.1 17.2 25.8
 203 18.1 14.3 21.5

Manual Integrations
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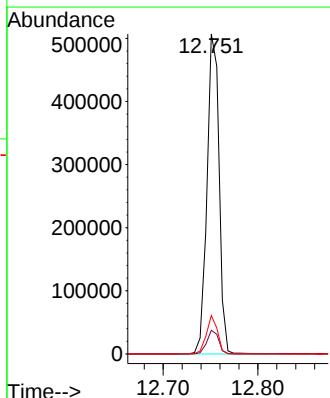
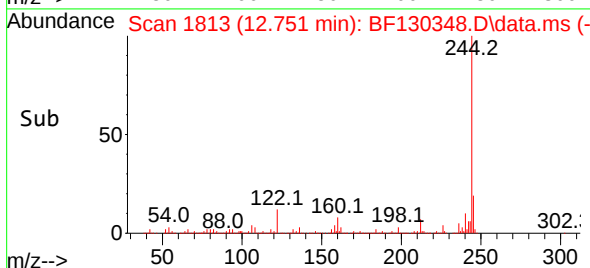
Reviewed By :Christian Giraldo 09/21/2022
 Supervised By :Jagrut Upadhyay 09/21/2022

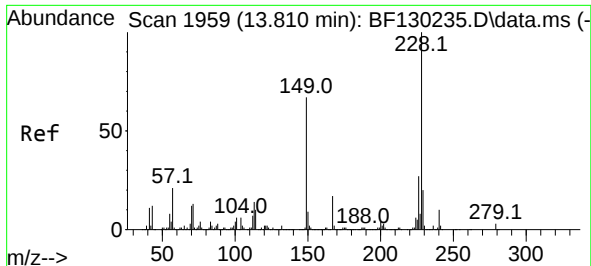


#79
 Terphenyl-d14
 Concen: 44.775 ng
 RT: 12.751 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BF130348.D
 Acq: 20 Sep 2022 17:16



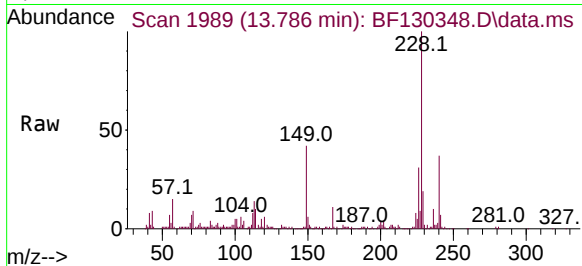
Tgt Ion:244 Resp: 451359
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 12.0 8.5 12.7





#81
Benzo(a)anthracene
Concen: 5.992 ng
RT: 13.786 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BF130348.D
Acq: 20 Sep 2022 17:16

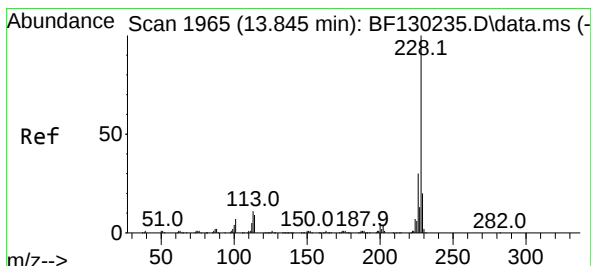
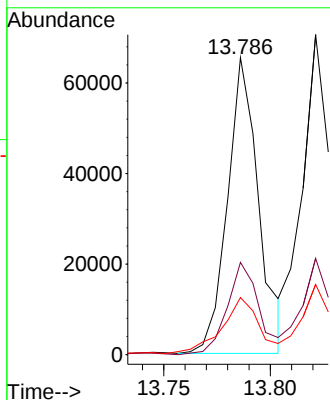
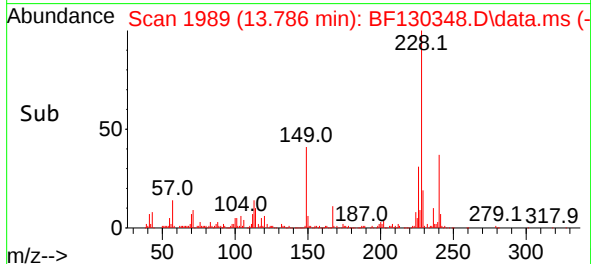
Instrument :
BNA_F
ClientSampleId :
ETGI-363



Tgt Ion:228 Resp: 66564
Ion Ratio Lower Upper
228 100
226 31.0 21.9 32.9
229 19.2 16.1 24.1

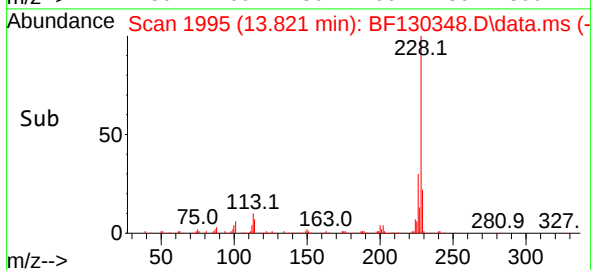
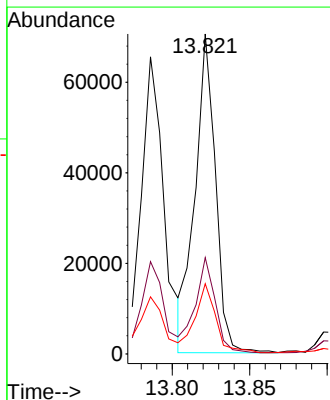
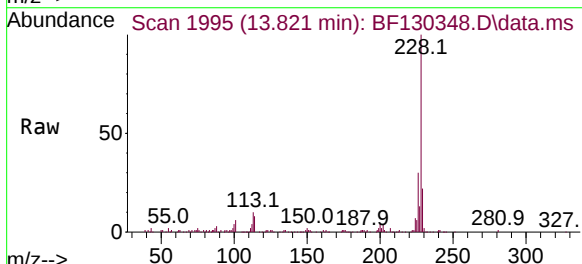
Manual Integrations
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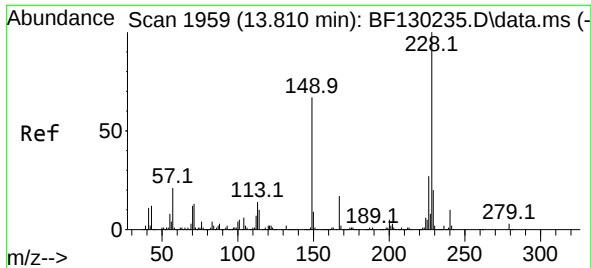
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#83
Chrysene
Concen: 6.123 ng
RT: 13.821 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF130348.D
Acq: 20 Sep 2022 17:16

Tgt Ion:228 Resp: 64587
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.8
229 21.9 15.3 22.9





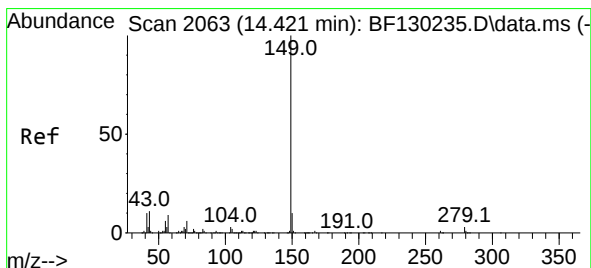
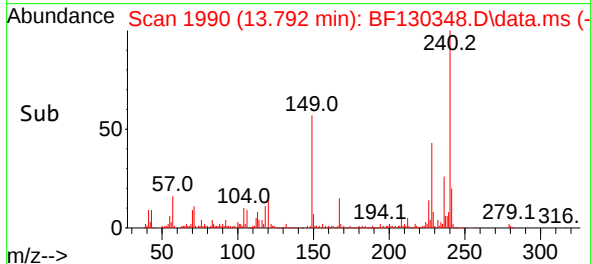
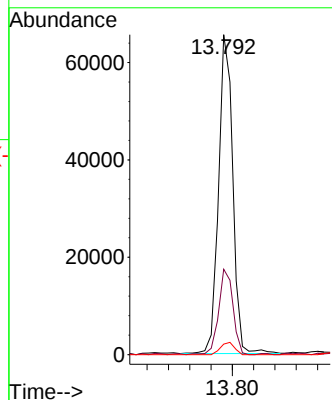
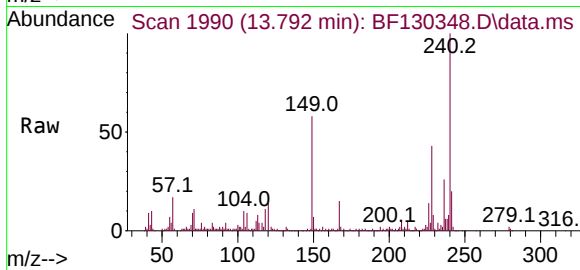
#84
Bis(2-ethylhexyl)phthalate
Concen: 9.819 ng
RT: 13.792 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BF130348.D
Acq: 20 Sep 2022 17:16

Instrument :
BNA_F
ClientSampleId :
ETGI-363

Tgt Ion:149 Resp: 60865
Ion Ratio Lower Upper
149 100
167 26.7 20.5 30.7
279 3.3 2.9 4.3

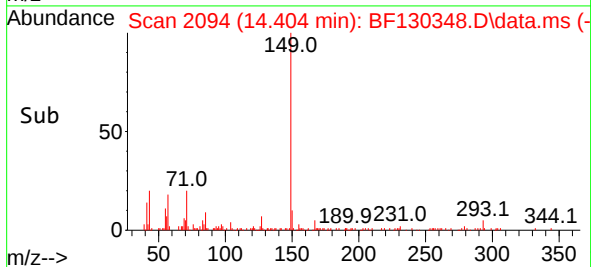
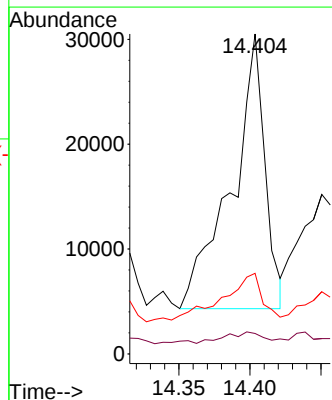
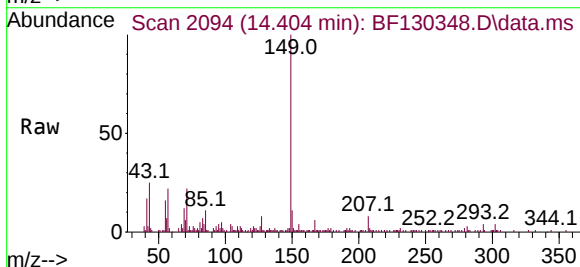
Manual Integrations
APPROVED

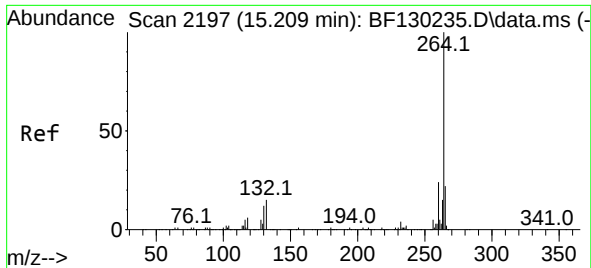
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#85
Di-n-octyl phthalate
Concen: 4.535 ng
RT: 14.404 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BF130348.D
Acq: 20 Sep 2022 17:16

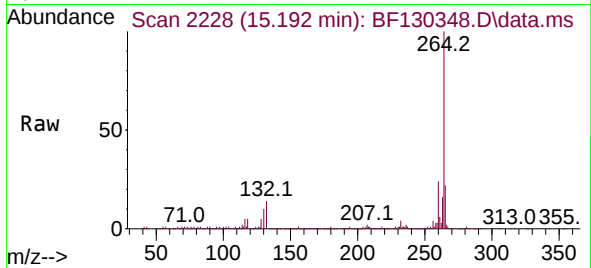
Tgt Ion:149 Resp: 42998
Ion Ratio Lower Upper
149 100
167 4.9 1.2 1.8#
43 21.5 8.7 13.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.192 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BF130348.D
Acq: 20 Sep 2022 17:16

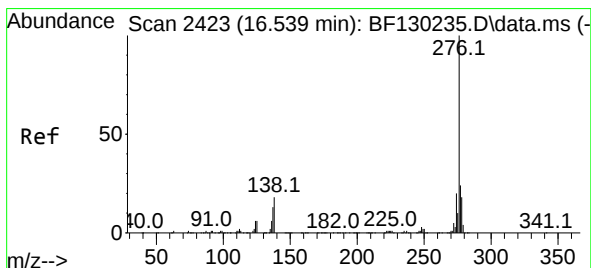
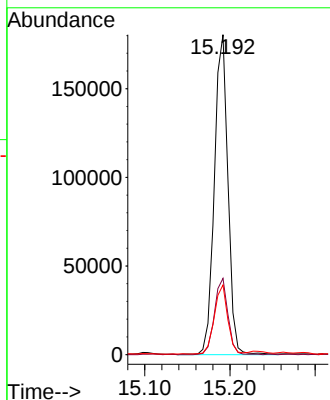
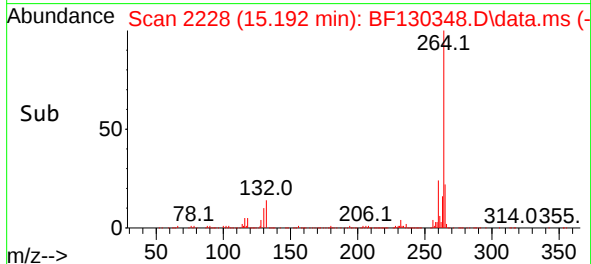
Instrument :
BNA_F
ClientSampleId :
ETGI-363



Tgt Ion:264 Resp: 199774
Ion Ratio Lower Upper
264 100
260 23.8 19.3 28.9
265 21.8 17.0 25.4

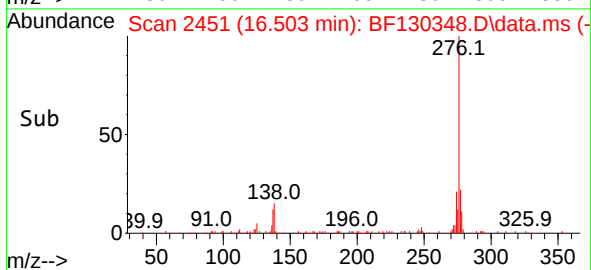
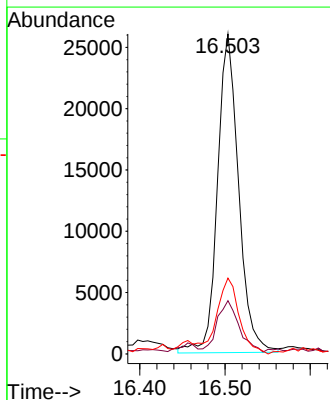
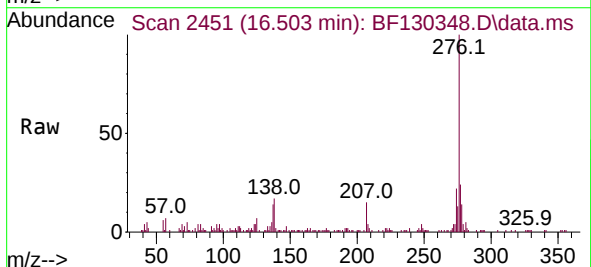
Manual Integrations
APPROVED

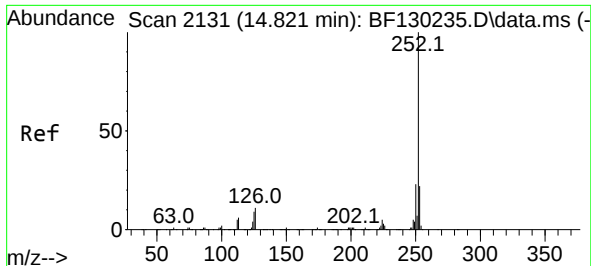
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.168 ng
RT: 16.503 min Scan# 2451
Delta R.T. -0.006 min
Lab File: BF130348.D
Acq: 20 Sep 2022 17:16

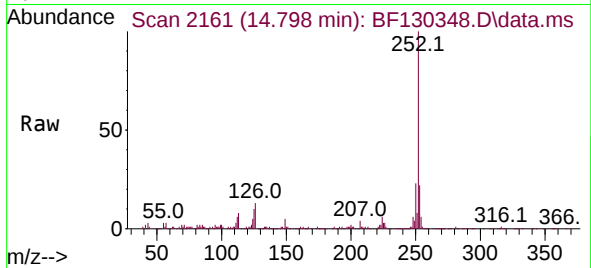
Tgt Ion:276 Resp: 44875
Ion Ratio Lower Upper
276 100
138 16.8 18.5 27.7#
277 24.4 20.2 30.4





#88
Benzo(b)fluoranthene
Concen: 9.179 ng
RT: 14.798 min Scan# 211
Delta R.T. -0.000 min
Lab File: BF130348.D
Acq: 20 Sep 2022 17:16

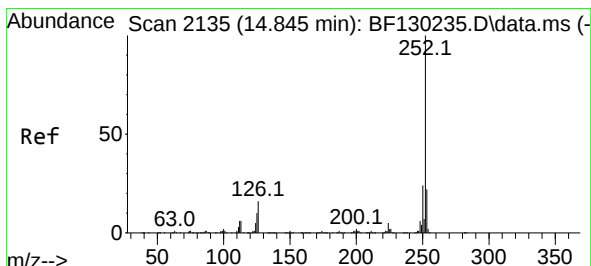
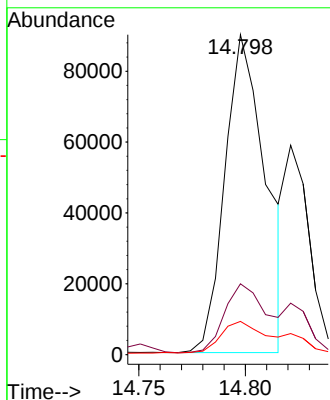
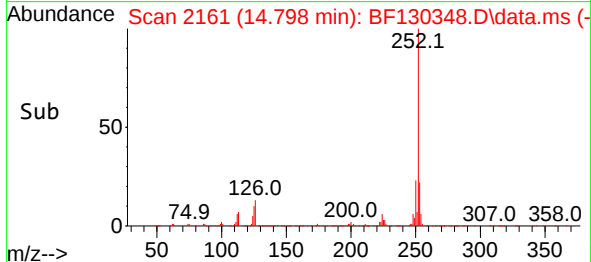
Instrument :
BNA_F
ClientSampleId :
ETGI-363



Tgt Ion:252 Resp: 11968
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.4 8.1 12.1

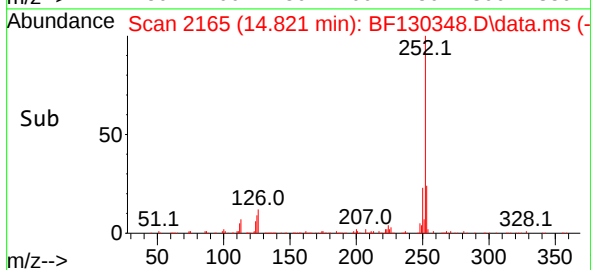
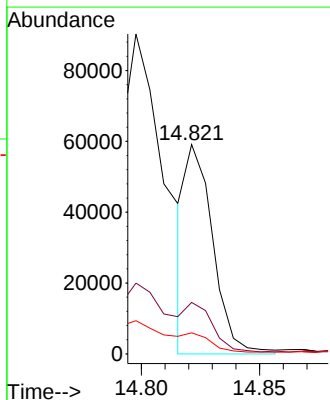
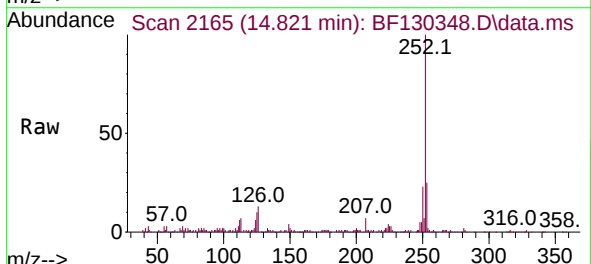
Manual Integrations
APPROVED

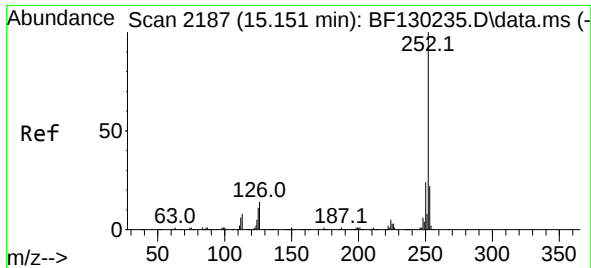
Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#89
Benzo(k)fluoranthene
Concen: 3.682 ng m
RT: 14.821 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BF130348.D
Acq: 20 Sep 2022 17:16

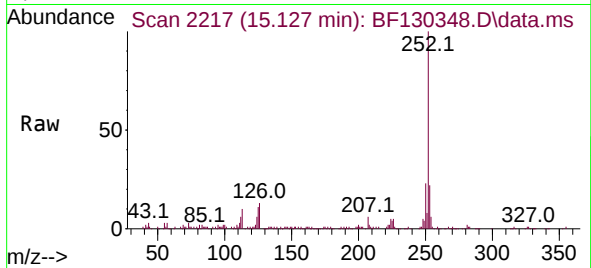
Tgt Ion:252 Resp: 47233
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.2
125 10.1 7.9 11.9





#90
Benzo(a)pyrene
Concen: 7.224 ng
RT: 15.127 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BF130348.D
Acq: 20 Sep 2022 17:16

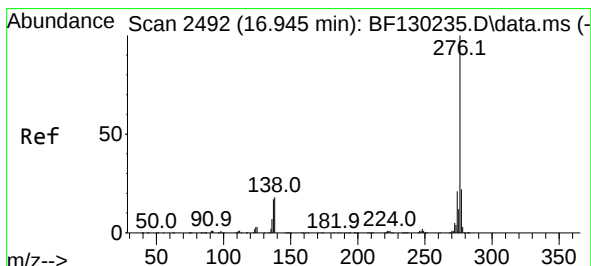
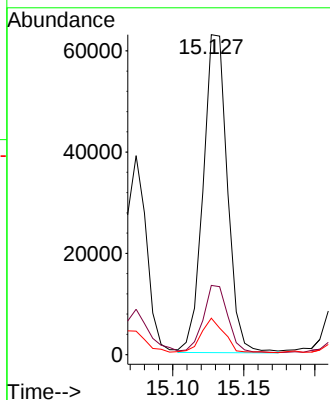
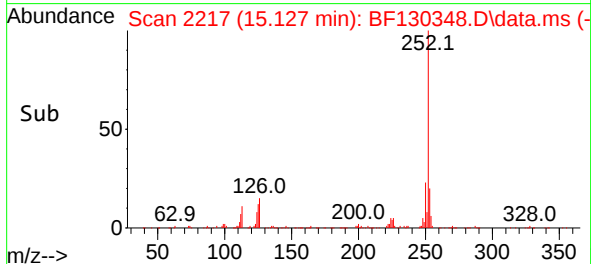
Instrument :
BNA_F
ClientSampleId :
ETGI-363



Tgt Ion:252 Resp: 74622
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 11.4 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022



#92
Benzo(g,h,i)perylene
Concen: 3.350 ng
RT: 16.898 min Scan# 2518
Delta R.T. -0.012 min
Lab File: BF130348.D
Acq: 20 Sep 2022 17:16

Tgt Ion:276 Resp: 39224
Ion Ratio Lower Upper
276 100
277 25.8 18.6 27.8
138 17.9 14.6 21.8

