

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127897.D
 Acq On : 25 Apr 2022 23:11
 Operator : CG\JU
 Sample : N2541-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-042222

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/27/2022
 Supervised By :Jagrut Upadhyay 04/28/2022

Quant Time: Apr 26 05:41:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	169525	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	623545	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	332792	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	501340	20.000	ng	0.00
76) Chrysene-d12	14.116	240	328993	20.000	ng	-0.01
86) Perylene-d12	15.633	264	307440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	932732	87.635	ng	0.00
7) Phenol-d6	6.563	99	1212765	87.815	ng	0.00
23) Nitrobenzene-d5	7.504	82	865515	65.272	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	269383	80.410	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1391353	70.729	ng	0.00
79) Terphenyl-d14	13.057	244	1093413	60.773	ng	0.00
Target Compounds						
75) Fluoranthene	12.687	202	75487	2.733	ng	Qvalue 99
78) Pyrene	12.916	202	72831	2.742	ng	97
83) Chrysene	14.145	228	46749	2.232	ng	96
88) Benzo(b)fluoranthene	15.180	252	68800m	3.563	ng	
90) Benzo(a)pyrene	15.563	252	45668	2.851	ng	# 97

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

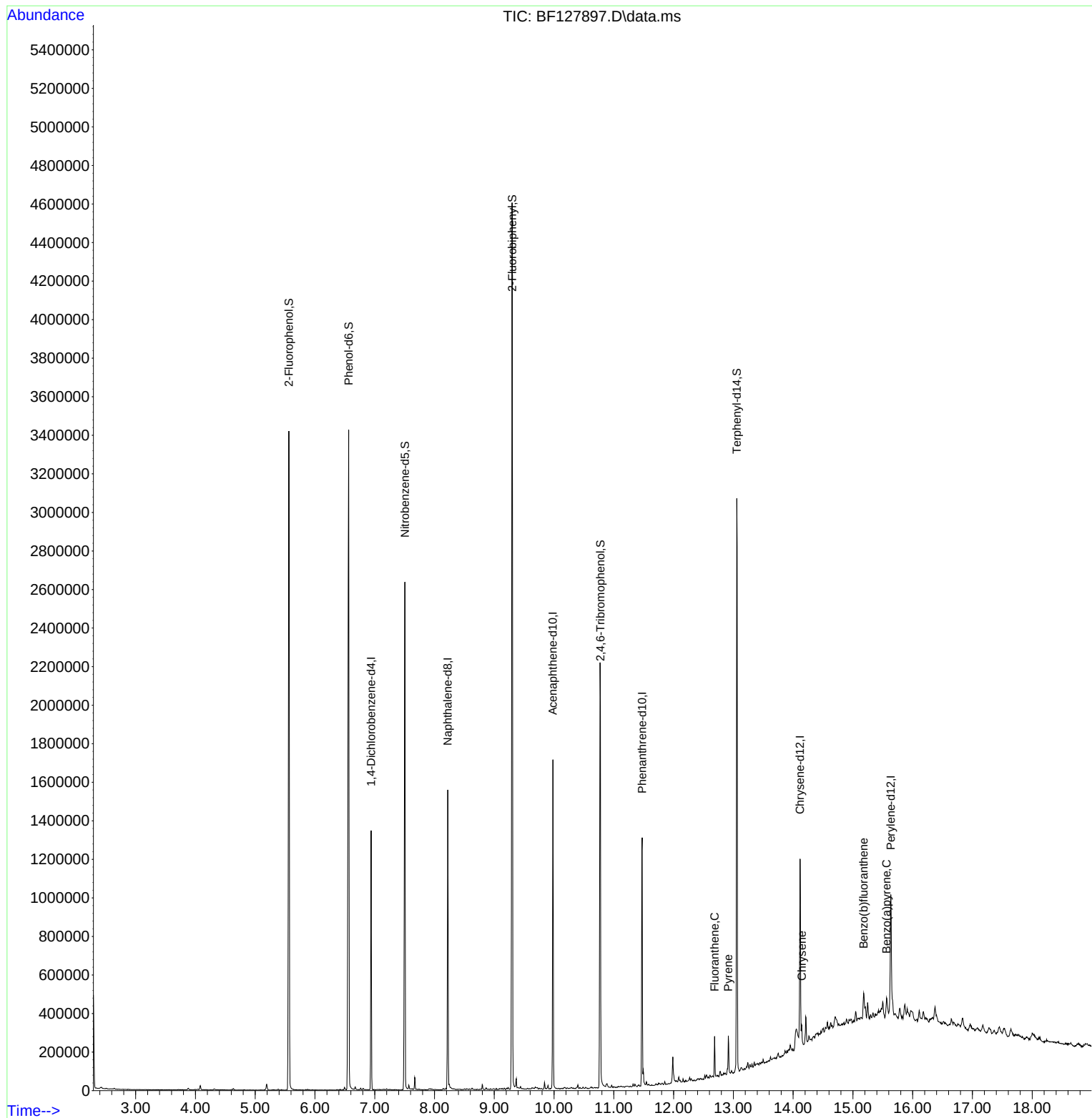
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
Data File : BF127897.D
Acq On : 25 Apr 2022 23:11
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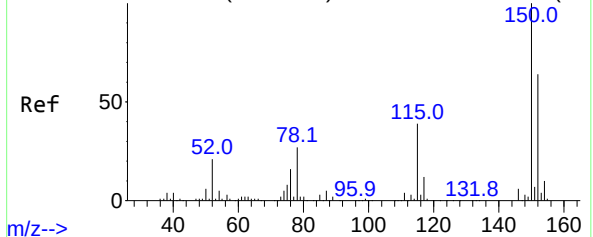
Quant Time: Apr 26 05:41:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
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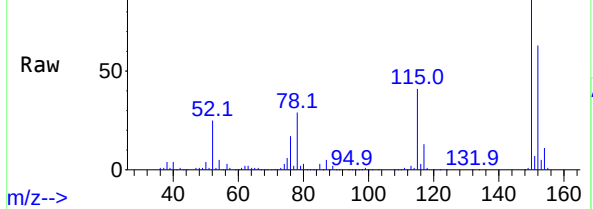


Abundance Scan 792 (6.945 min): BF127861.D\data.ms (-78



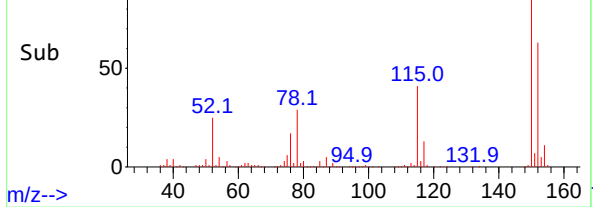
m/z-->

Abundance Scan 791 (6.940 min): BF127897.D\data.ms



m/z-->

Abundance Scan 791 (6.940 min): BF127897.D\data.ms (-77



m/z-->

#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.940 min Scan# 791

Delta R.T. -0.005 min

Lab File: BF127897.D

Acq: 25 Apr 2022 23:11

Tgt Ion:152 Resp: 16952

Ion Ratio Lower Upper

152 100

150 158.2 125.3 187.9

115 65.0 48.8 73.2

Instrument :

BNA_F

ClientSampleId :

CL-02-042222

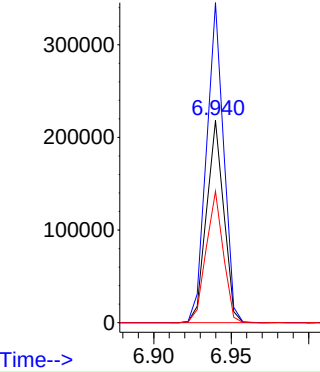
Manual Integrations

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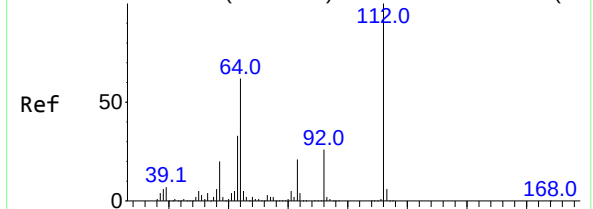
Reviewed By :Christian Giraldo 04/27/2022

Supervised By :Jagrut Upadhyay 04/28/2022

Abundance

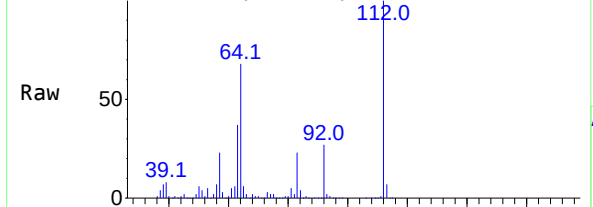


Abundance Scan 557 (5.563 min): BF127861.D\data.ms (-55



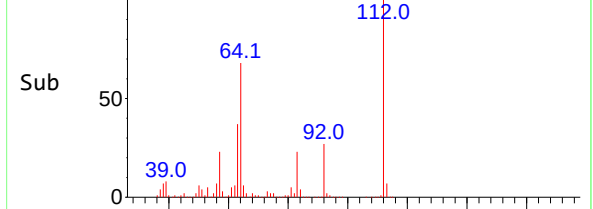
m/z-->

Abundance Scan 557 (5.563 min): BF127897.D\data.ms



m/z-->

Abundance Scan 557 (5.563 min): BF127897.D\data.ms (-50



m/z-->

#5

2-Fluorophenol

Concen: 87.635 ng

RT: 5.563 min Scan# 557

Delta R.T. 0.000 min

Lab File: BF127897.D

Acq: 25 Apr 2022 23:11

Tgt Ion:112 Resp: 932732

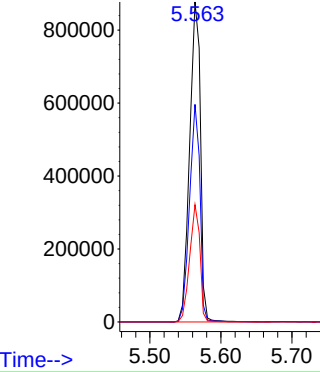
Ion Ratio Lower Upper

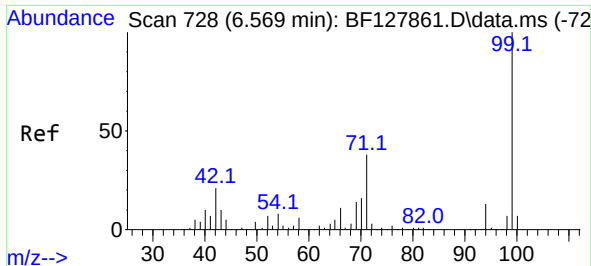
112 100

64 68.0 49.5 74.3

63 36.7 26.3 39.5

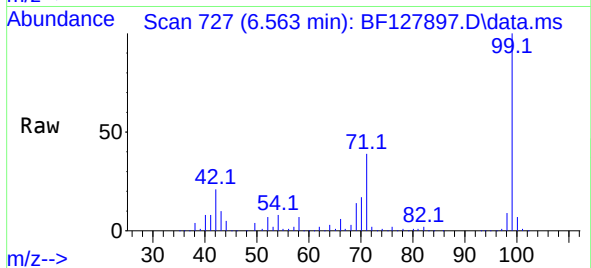
Abundance





#7
Phenol-d6
Concen: 87.815 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127897.D
Acq: 25 Apr 2022 23:11

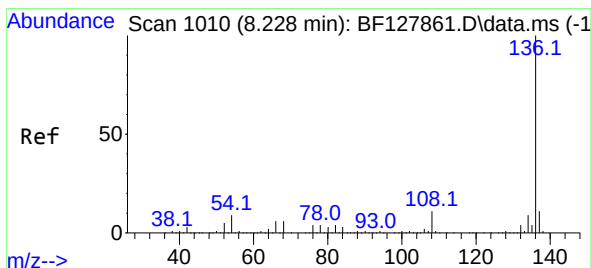
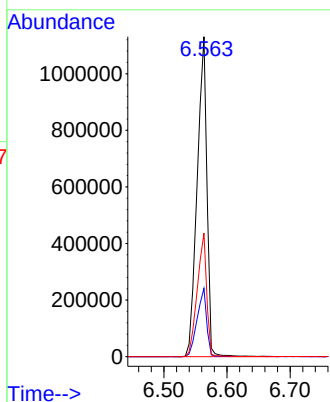
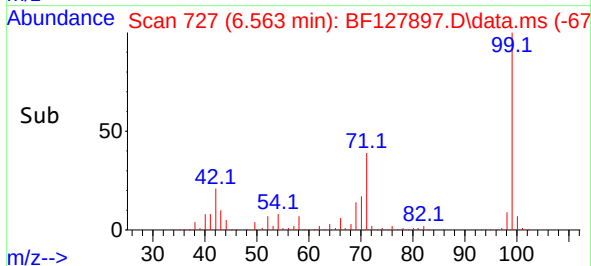
Instrument :
BNA_F
ClientSampleId :
CL-02-042222



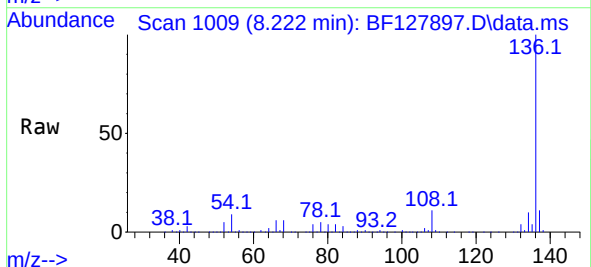
Tgt Ion: 99 Resp: 121276
Ion Ratio Lower Upper
99 100
42 21.3 16.6 24.8
71 38.6 30.0 45.0

Manual Integrations
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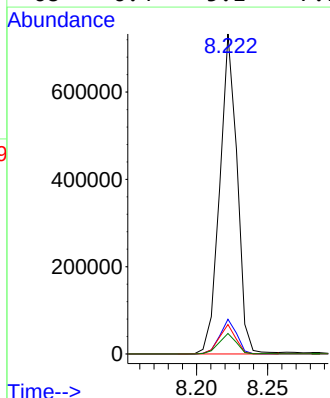
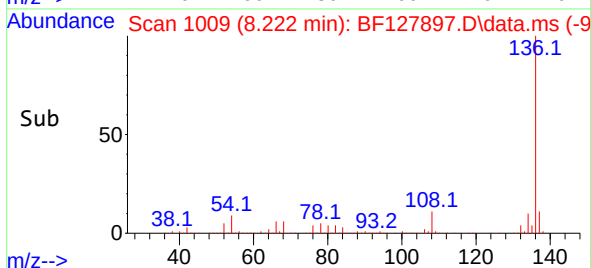
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022

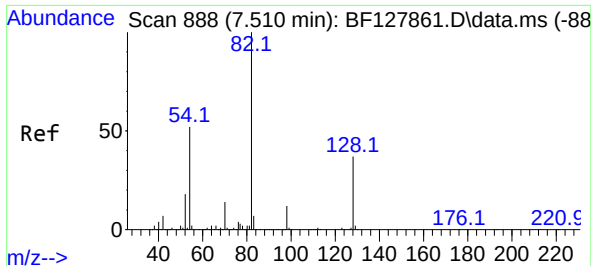


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF127897.D
Acq: 25 Apr 2022 23:11



Tgt Ion:136 Resp: 623545
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.2 6.8 10.2
68 6.4 5.1 7.7





#23

Nitrobenzene-d5

Concen: 65.272 ng

RT: 7.504 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127897.D

Acq: 25 Apr 2022 23:11

Instrument :

BNA_F

ClientSampleId :

CL-02-042222

Tgt Ion: 82 Resp: 86551

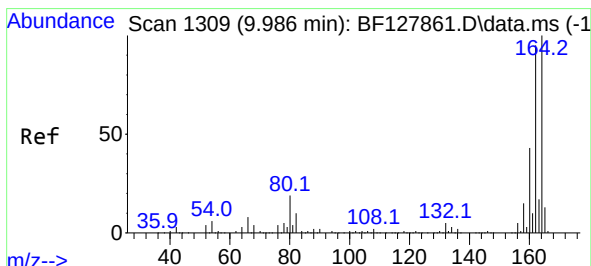
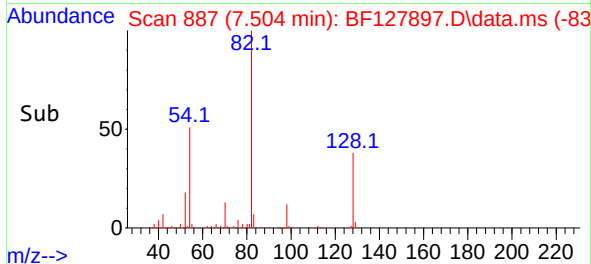
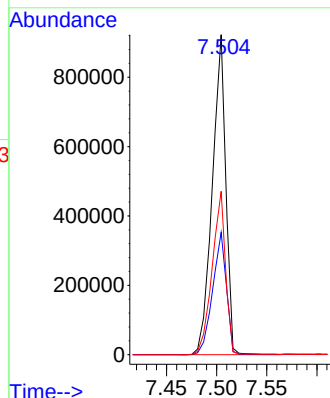
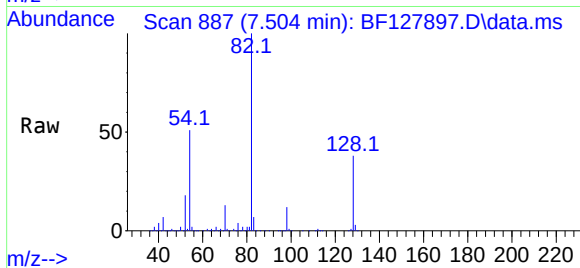
Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.0	45.0
54	51.0	41.3	61.9

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.981 min Scan# 1308

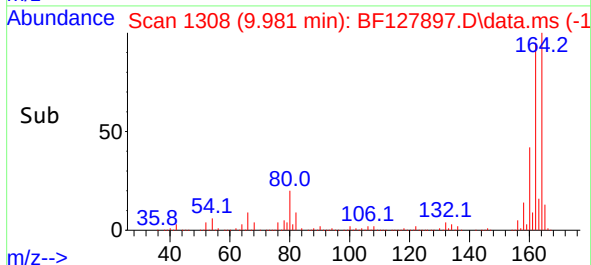
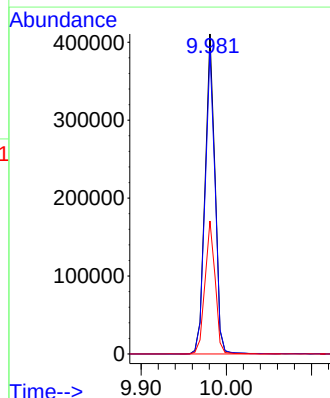
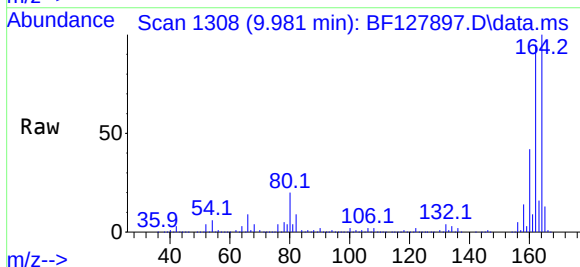
Delta R.T. -0.006 min

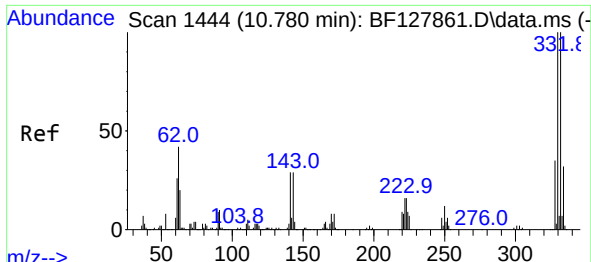
Lab File: BF127897.D

Acq: 25 Apr 2022 23:11

Tgt Ion:164 Resp: 332792

Ion	Ratio	Lower	Upper
164	100		
162	94.6	76.0	114.0
160	41.5	34.8	52.2





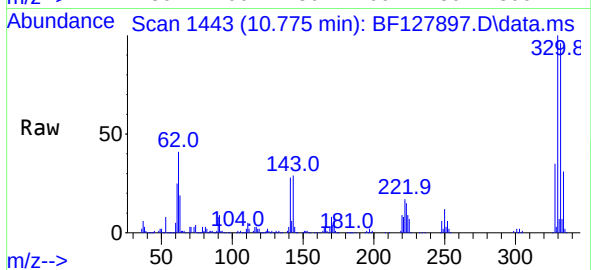
#42
2,4,6-Tribromophenol
Concen: 80.410 ng
RT: 10.775 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF127897.D
Acq: 25 Apr 2022 23:11

Instrument :

BNA_F

ClientSampleId :

CL-02-042222

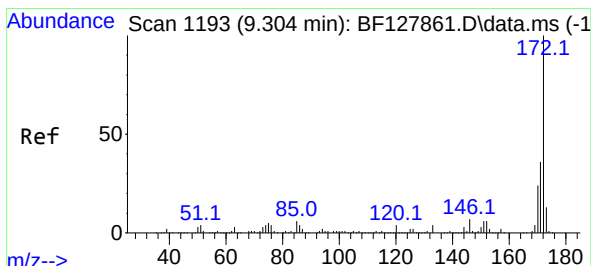
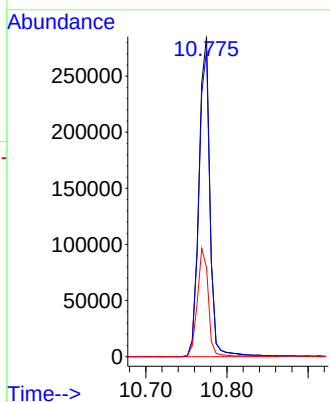
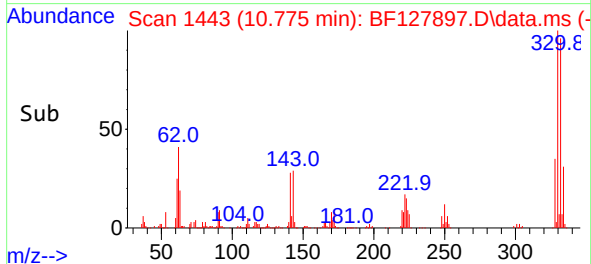


Tgt Ion:330 Resp: 26938
Ion Ratio Lower Upper
330 100
332 97.1 79.0 118.4
141 33.9 28.9 43.3

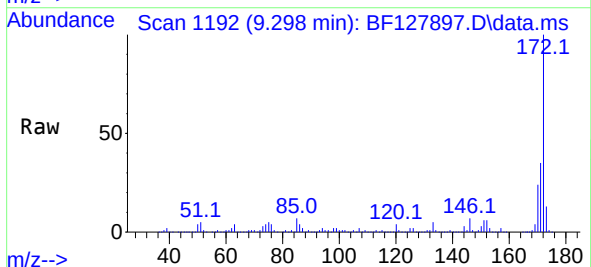
Manual Integrations

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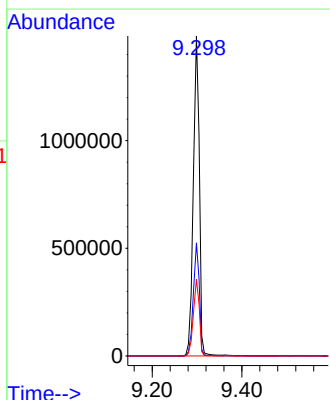
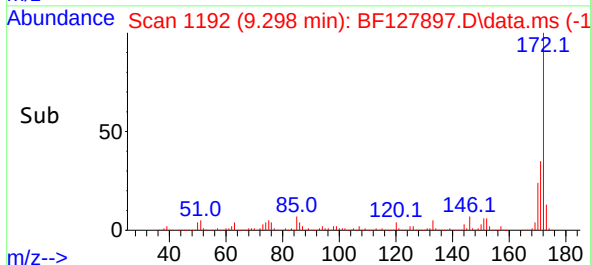
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022

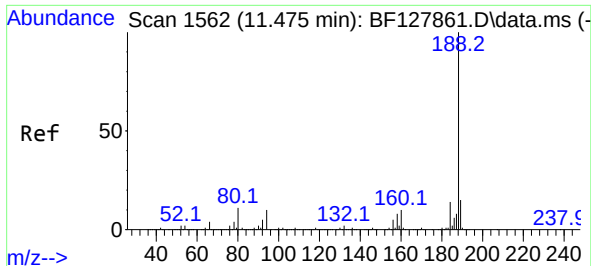


#45
2-Fluorobiphenyl
Concen: 70.729 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF127897.D
Acq: 25 Apr 2022 23:11



Tgt Ion:172 Resp: 1391353
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.9 19.1 28.7





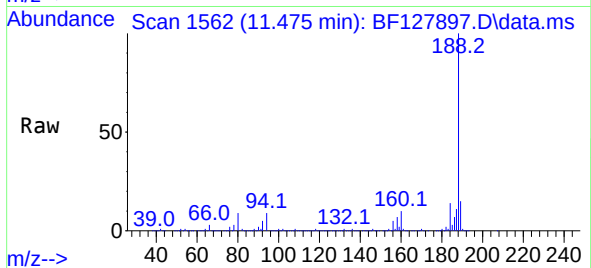
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127897.D
Acq: 25 Apr 2022 23:11

Instrument :

BNA_F

ClientSampleId :

CL-02-042222

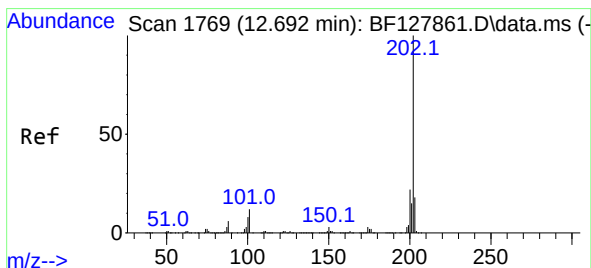
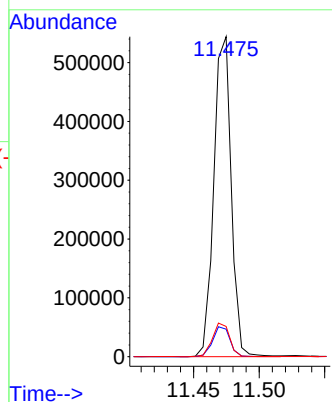
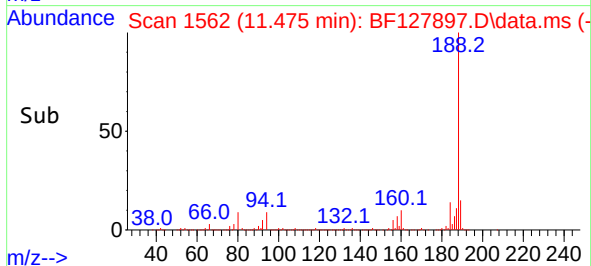


Tgt Ion:188 Resp: 501340
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.4 8.9 13.3

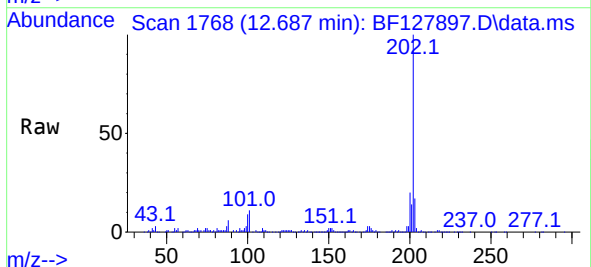
Manual Integrations

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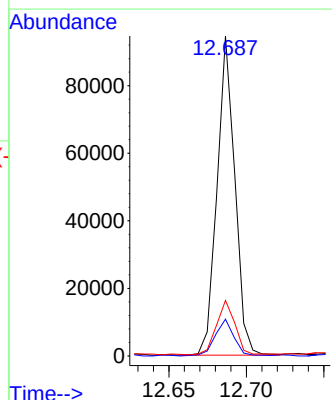
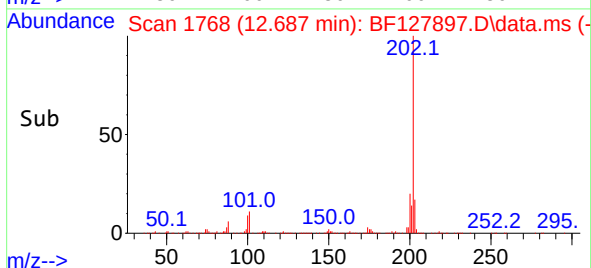
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022

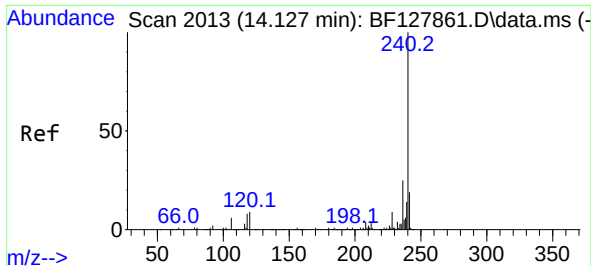


#75
Fluoranthene
Concen: 2.733 ng
RT: 12.687 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BF127897.D
Acq: 25 Apr 2022 23:11



Tgt Ion:202 Resp: 75487
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.6
203 17.4 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 20
Delta R.T. -0.011 min
Lab File: BF127897.D
Acq: 25 Apr 2022 23:11

Instrument :

BNA_F

ClientSampleId :

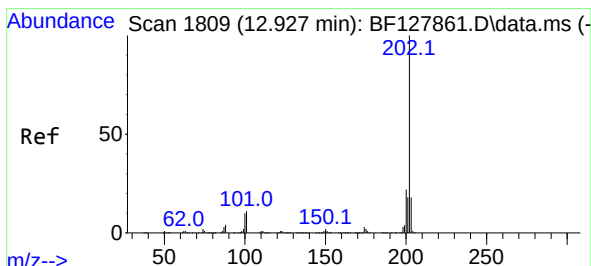
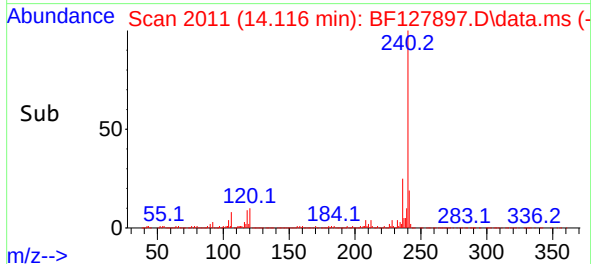
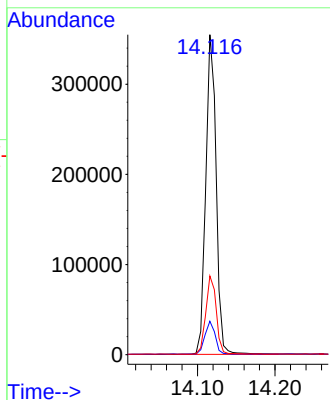
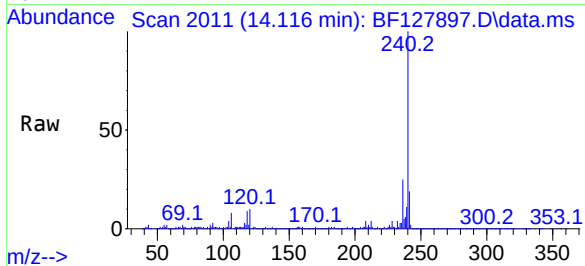
CL-02-042222

Tgt Ion:240 Resp: 32899
Ion Ratio Lower Upper
240 100
120 10.4 7.0 10.6
236 24.6 20.3 30.5

Manual Integrations

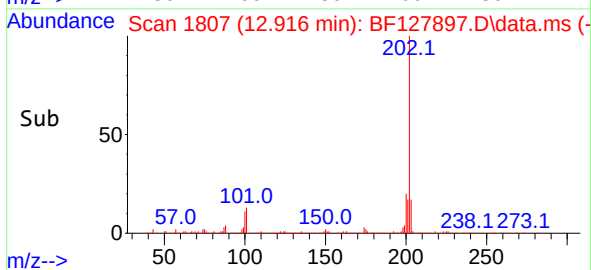
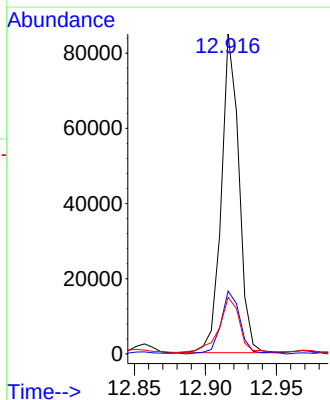
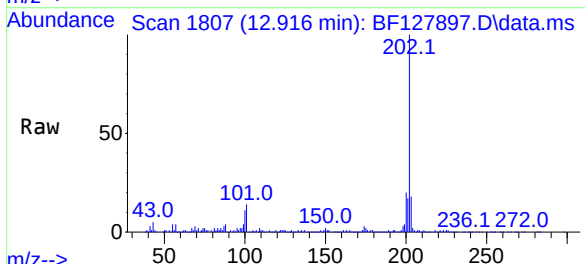
APPROVED

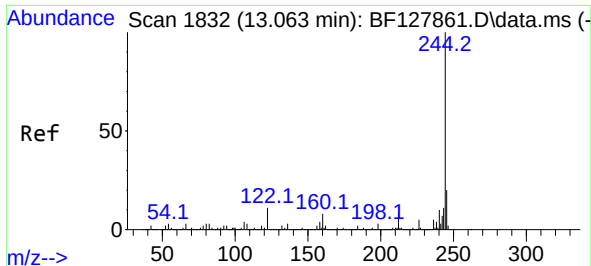
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#78
Pyrene
Concen: 2.742 ng
RT: 12.916 min Scan# 1807
Delta R.T. -0.011 min
Lab File: BF127897.D
Acq: 25 Apr 2022 23:11

Tgt Ion:202 Resp: 72831
Ion Ratio Lower Upper
202 100
200 19.7 17.4 26.2
203 17.7 14.0 21.0





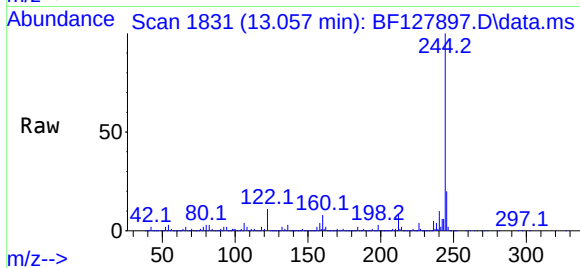
#79
Terphenyl-d14
Concen: 60.773 ng
RT: 13.057 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF127897.D
Acq: 25 Apr 2022 23:11

Instrument :

BNA_F

ClientSampleId :

CL-02-042222

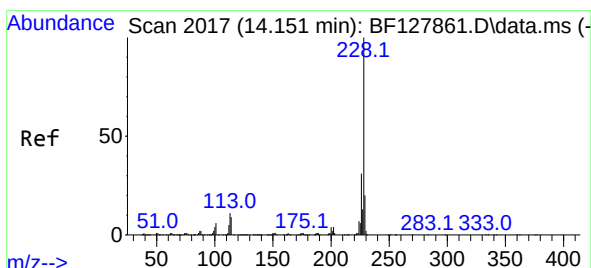
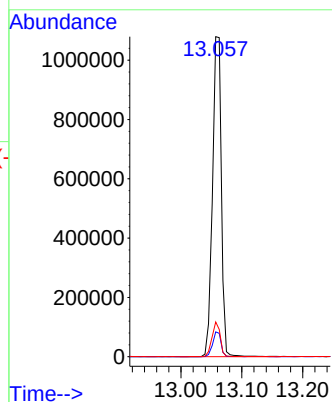
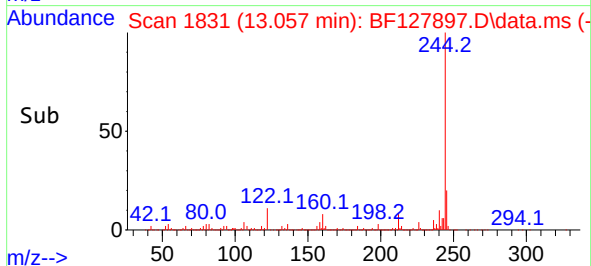


Tgt Ion:244 Resp: 109341
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.4
122 10.9 8.6 12.8

Manual Integrations

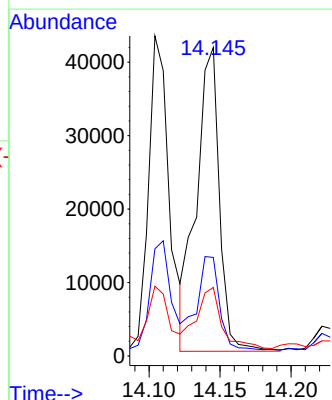
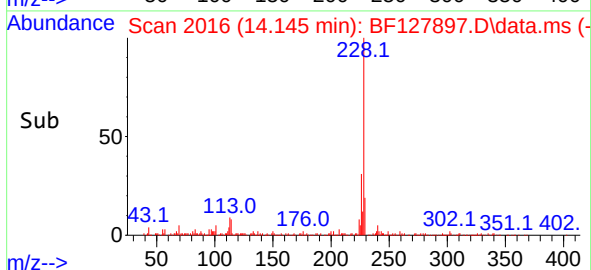
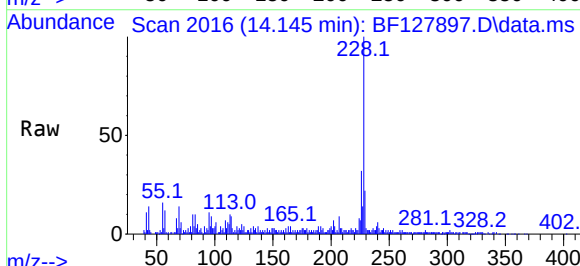
APPROVED

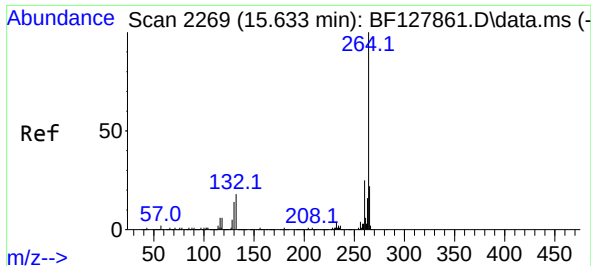
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#83
Chrysene
Concen: 2.232 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF127897.D
Acq: 25 Apr 2022 23:11

Tgt Ion:228 Resp: 46749
Ion Ratio Lower Upper
228 100
226 31.9 24.4 36.6
229 22.2 15.8 23.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BF127897.D
Acq: 25 Apr 2022 23:11

Instrument :

BNA_F

ClientSampleId :

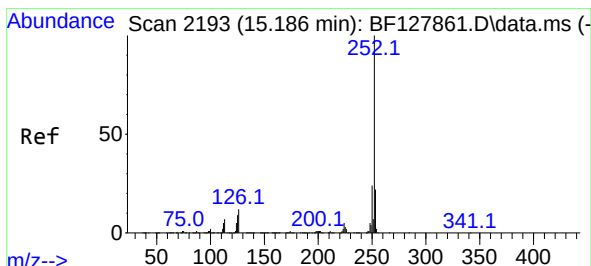
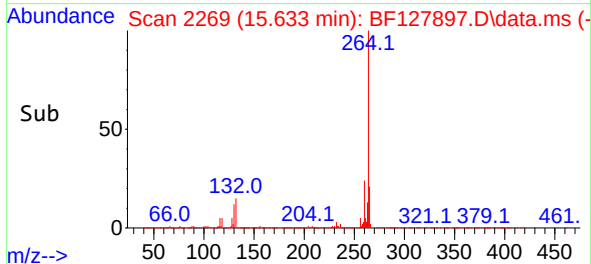
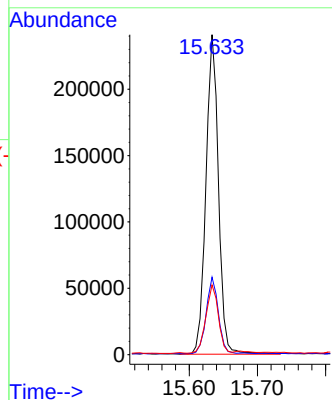
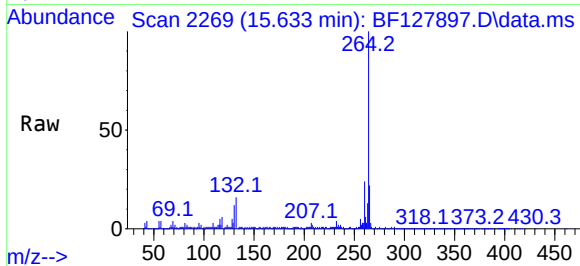
CL-02-042222

Tgt Ion:264 Resp: 307440
Ion Ratio Lower Upper
264 100
260 24.2 20.1 30.1
265 21.8 17.5 26.3

Manual Integrations

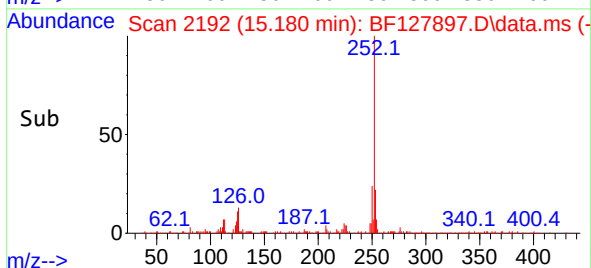
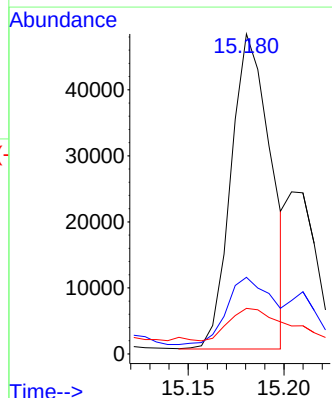
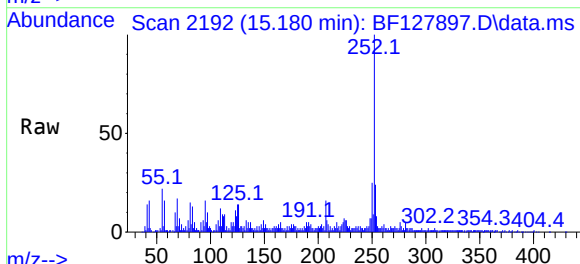
APPROVED

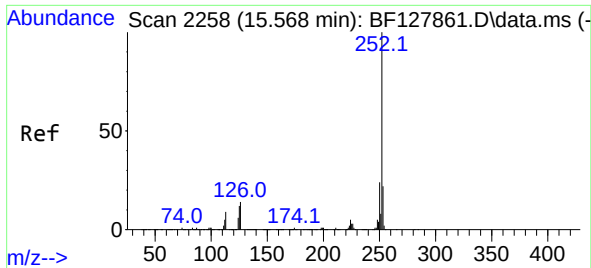
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#88
Benzo(b)fluoranthene
Concen: 3.563 ng m
RT: 15.180 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BF127897.D
Acq: 25 Apr 2022 23:11

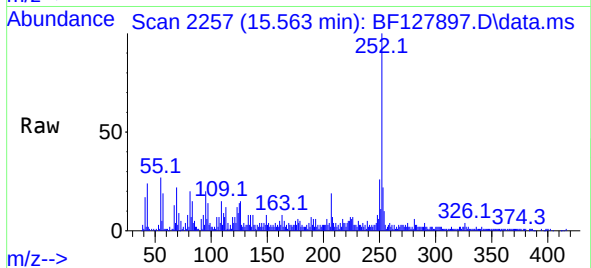
Tgt Ion:252 Resp: 68800
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.2
125 14.3 7.4 11.2#





#90
Benzo(a)pyrene
Concen: 2.851 ng
RT: 15.563 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127897.D
Acq: 25 Apr 2022 23:11

Instrument :
BNA_F
ClientSampleId :
CL-02-042222



Tgt Ion: 252 Resp: 4566

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	14.4	9.2	13.8

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 04/27/2022
Supervised By : Jagrut Upadhyay 04/28/2022

