

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
 Data File : BF127726.D
 Acq On : 08 Apr 2022 21:21
 Operator : CG\JU
 Sample : N2329-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-346

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/11/2022
 Supervised By : Jagrut Upadhyay 04/11/2022

Quant Time: Apr 11 02:23:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	143555	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	519154	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	299459	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	510501	20.000	ng	# 0.00
76) Chrysene-d12	14.151	240	300213	20.000	ng	0.00
86) Perylene-d12	15.680	264	311749	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	768135	86.945	ng	0.01
7) Phenol-d6	6.587	99	1003904	86.861	ng	0.00
23) Nitrobenzene-d5	7.528	82	681020	58.481	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	297186	93.258	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1017300	48.058	ng	0.00
79) Terphenyl-d14	13.092	244	918927	50.524	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.522	178	58294	2.155	ng	100
75) Fluoranthene	12.716	202	102018	3.456	ng	98
78) Pyrene	12.951	202	124282	4.902	ng	99
81) Benzo(a)anthracene	14.139	228	52250m	2.606	ng	
83) Chrysene	14.174	228	55828m	2.901	ng	
88) Benzo(b)fluoranthene	15.221	252	63147m	3.149	ng	
90) Benzo(a)pyrene	15.610	252	49191m	3.018	ng	

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

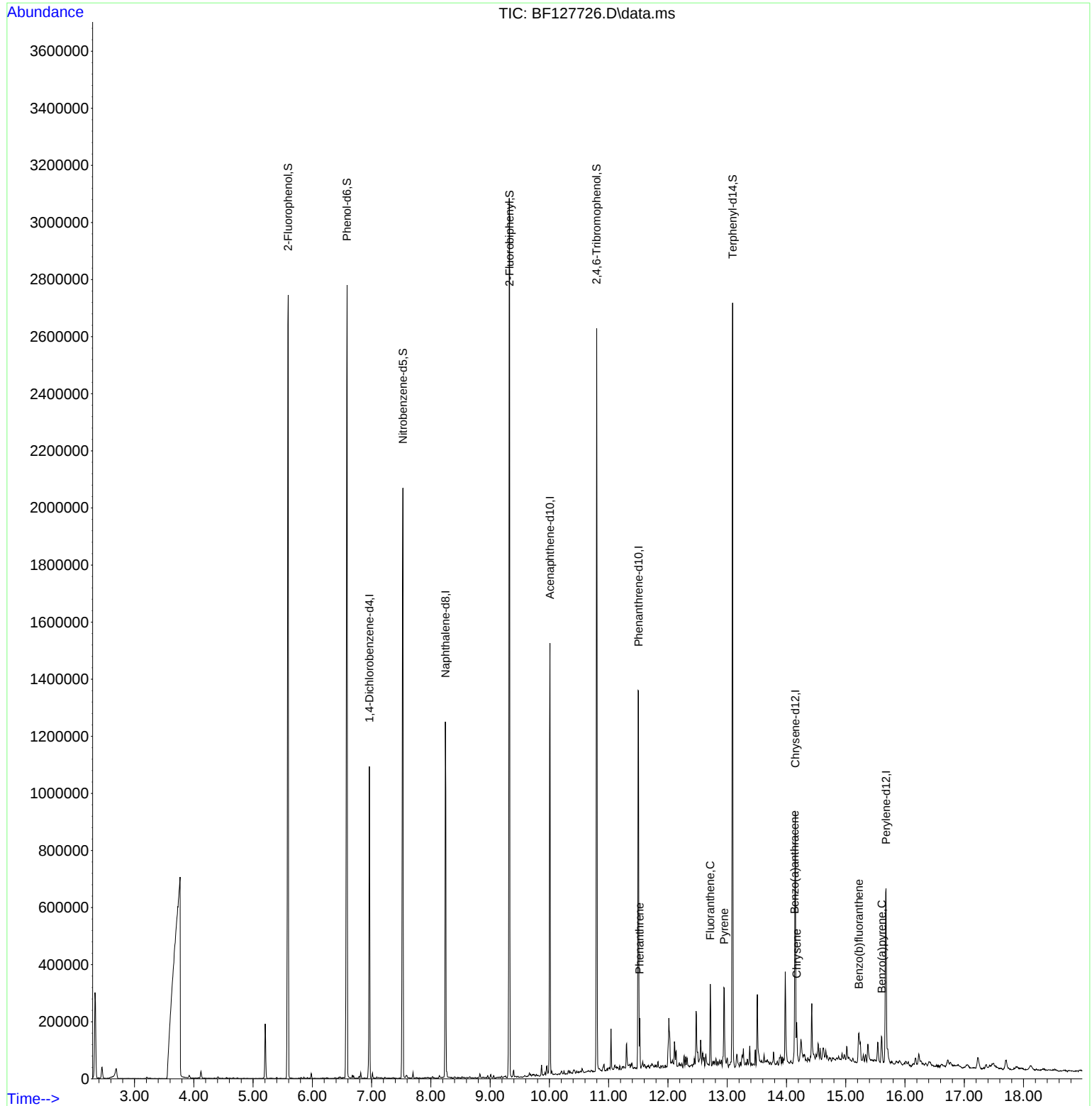
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
Data File : BF127726.D
Acq On : 08 Apr 2022 21:21
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ALS Vial : 22 Sample Multiplier: 1

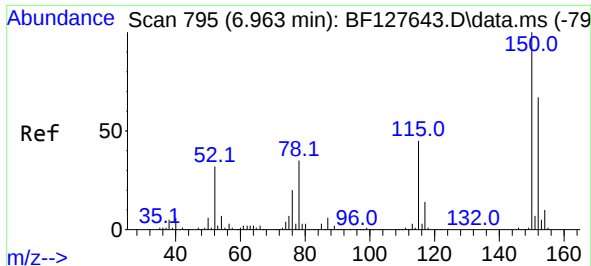
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Quant Time: Apr 11 02:23:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 13:55:27 2022
Response via : Initial Calibration

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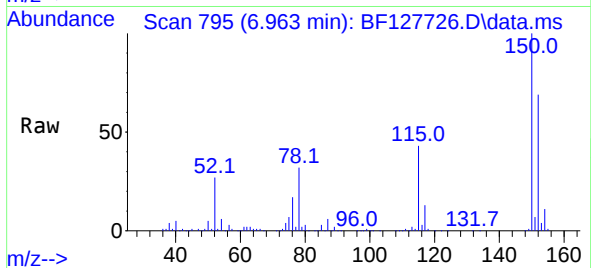
Reviewed By : Christian Giraldo 04/11/2022
Supervised By : Jagrut Upadhyay 04/11/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

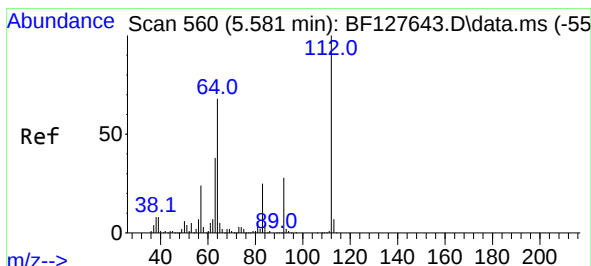
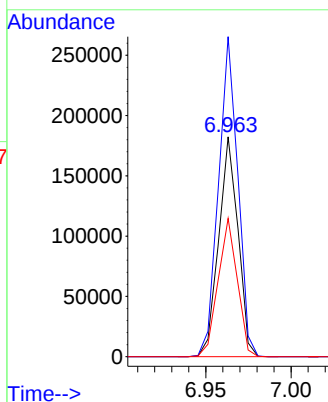
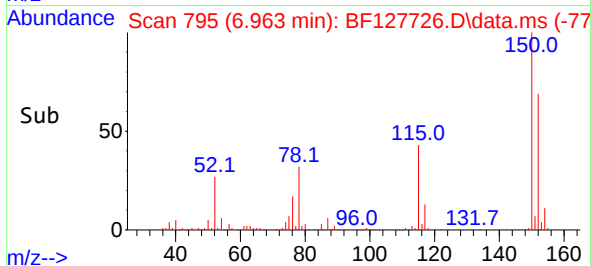
Instrument :
BNA_F
ClientSampleId :
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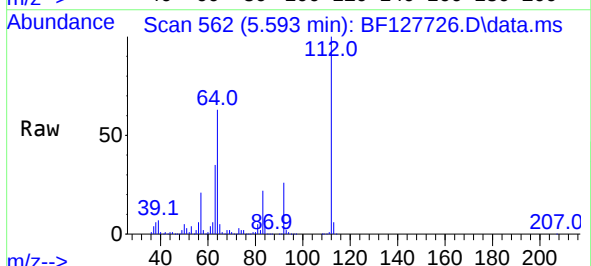
Tgt Ion:152 Resp: 14355
Ion Ratio Lower Upper
152 100
150 145.5 117.2 175.8
115 62.9 49.8 74.6

Manual Integrations
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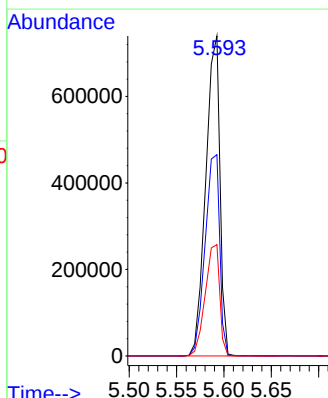
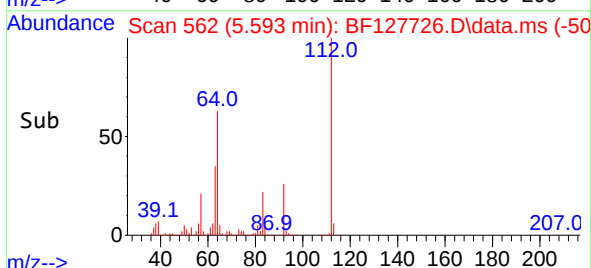
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

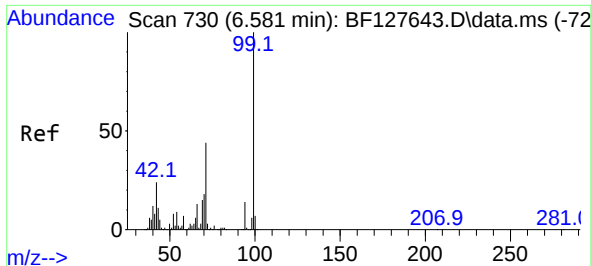


#5
2-Fluorophenol
Concen: 86.945 ng
RT: 5.593 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21



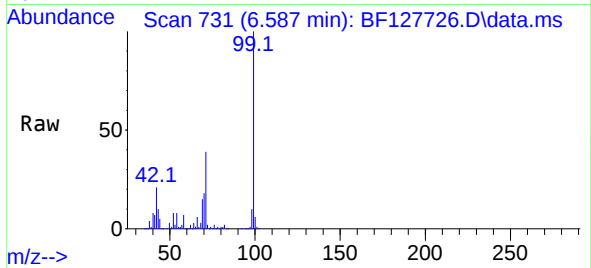
Tgt Ion:112 Resp: 768135
Ion Ratio Lower Upper
112 100
64 62.9 58.4 87.6
63 34.8 30.1 45.1





#7
Phenol-d6
Concen: 86.861 ng
RT: 6.587 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

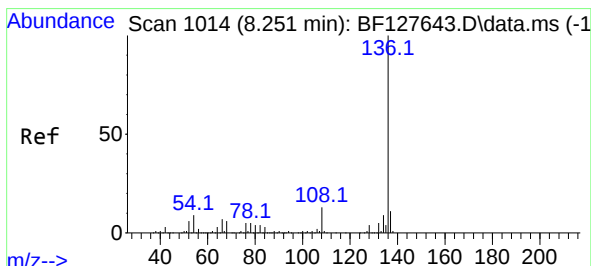
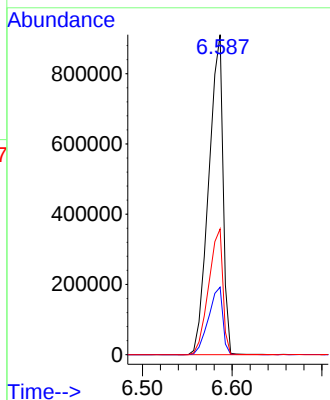
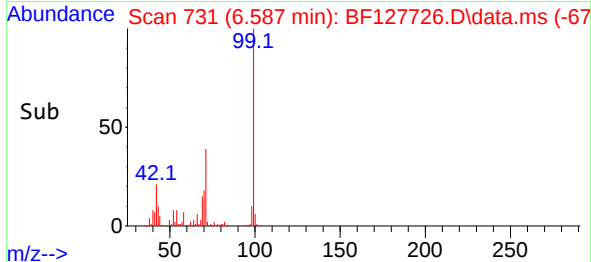
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 1003904
Ion Ratio Lower Upper
99 100
42 21.1 17.8 26.6
71 39.3 29.6 44.4

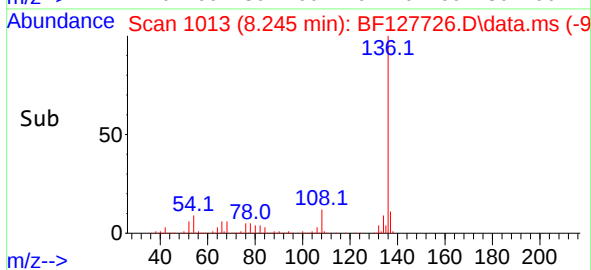
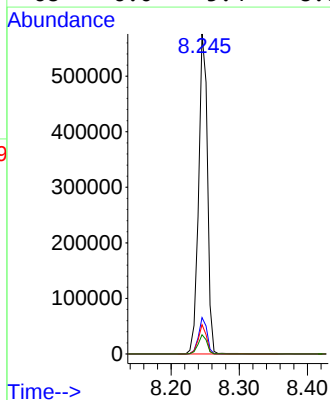
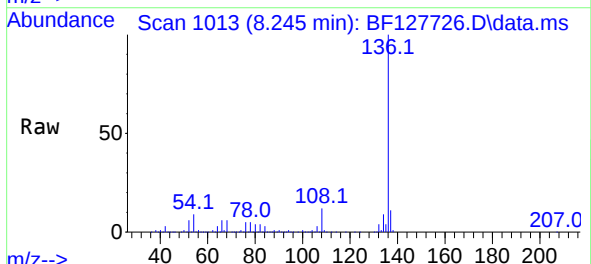
Manual Integrations
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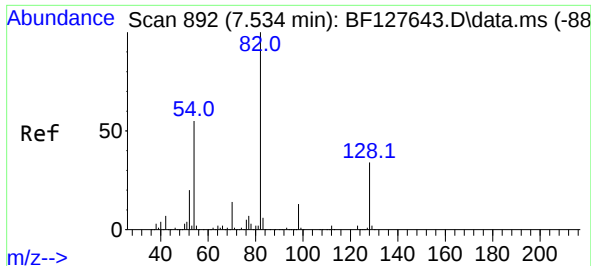
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

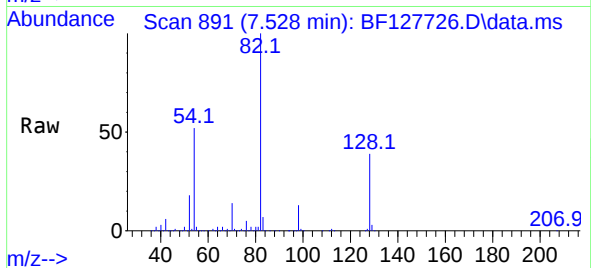
Tgt Ion:136 Resp: 519154
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.2 9.2 13.8#
68 6.0 5.4 8.0





#23
Nitrobenzene-d5
Concen: 58.481 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

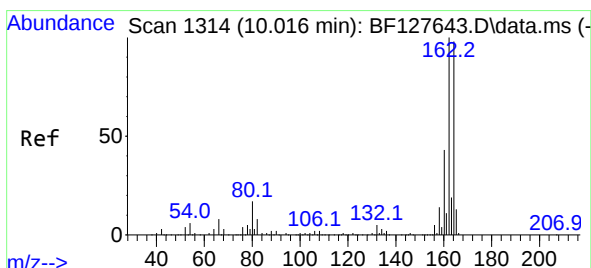
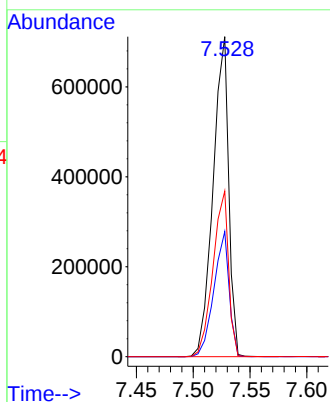
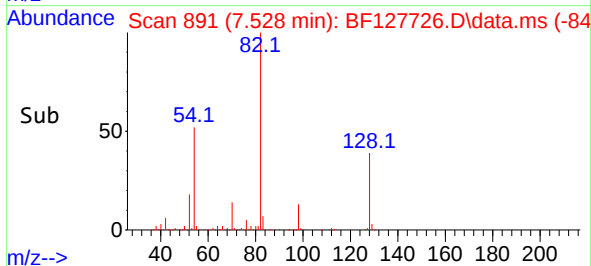
Instrument :
BNA_F
ClientSampleId :
RBR-346



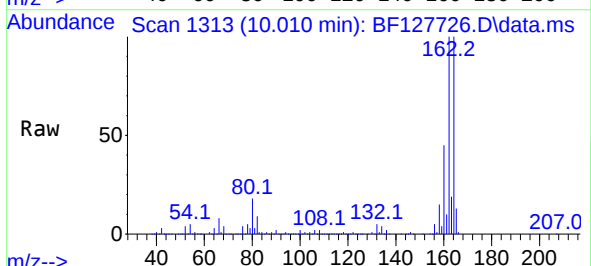
Tgt Ion: 82 Resp: 681020
Ion Ratio Lower Upper
82 100
128 39.1 30.6 45.8
54 51.8 48.2 72.2

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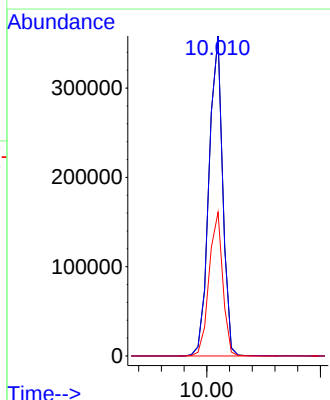
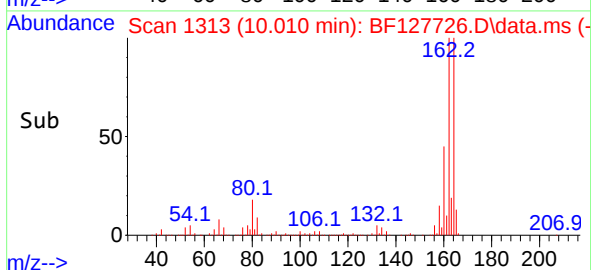
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

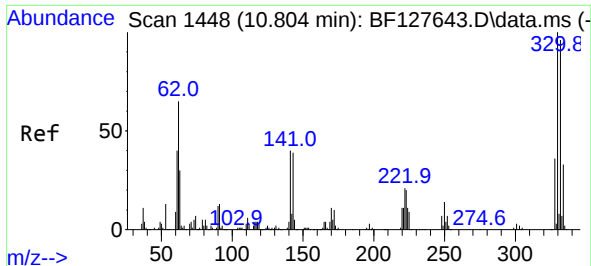


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21



Tgt Ion:164 Resp: 299459
Ion Ratio Lower Upper
164 100
162 99.8 81.2 121.8
160 44.9 34.6 52.0





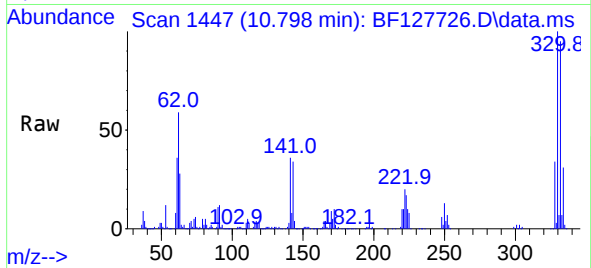
#42
2,4,6-Tribromophenol
Concen: 93.258 ng
RT: 10.798 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

Instrument :

BNA_F

ClientSampleId :

RBR-346

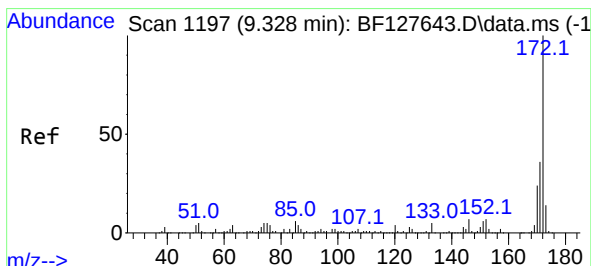
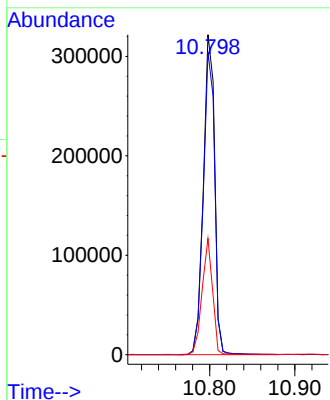
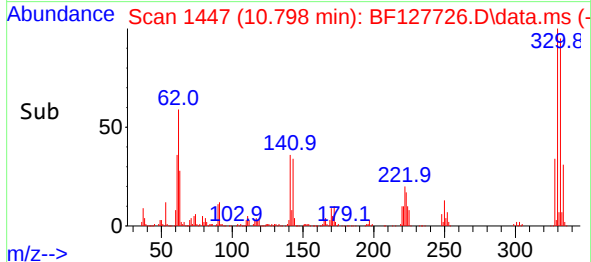


Tgt Ion:330 Resp: 297180
Ion Ratio Lower Upper
330 100
332 95.0 79.1 118.7
141 33.6 26.2 39.4

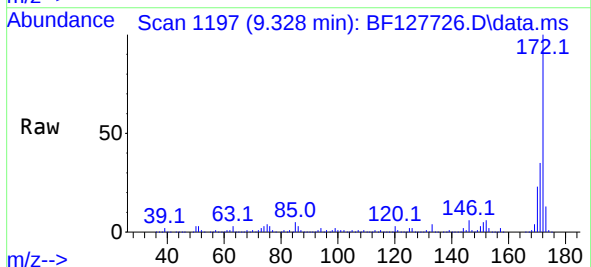
Manual Integrations

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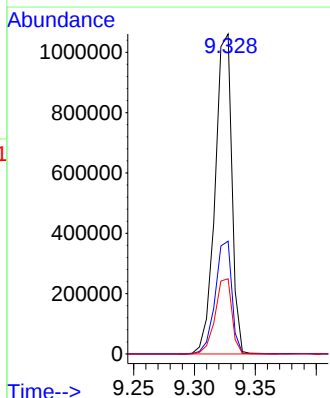
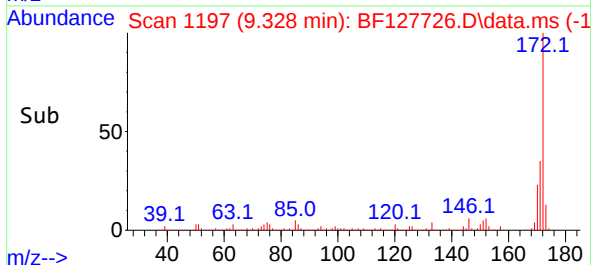
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

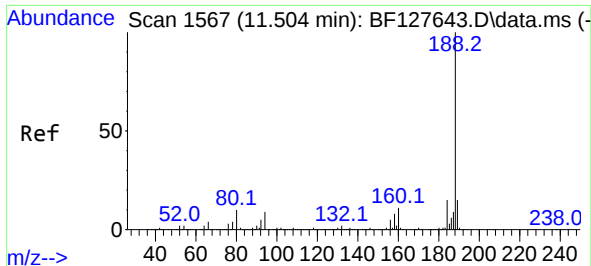


#45
2-Fluorobiphenyl
Concen: 48.058 ng
RT: 9.328 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21



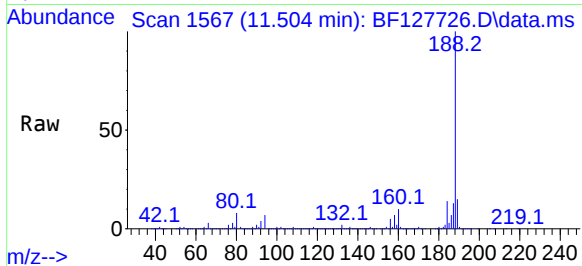
Tgt Ion:172 Resp: 1017300
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.5 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

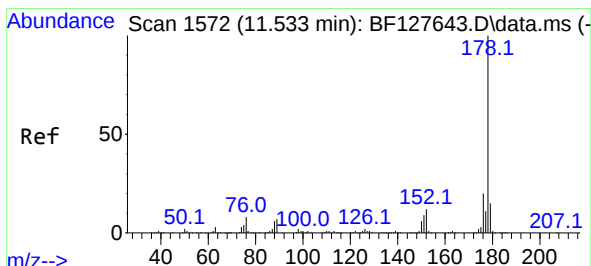
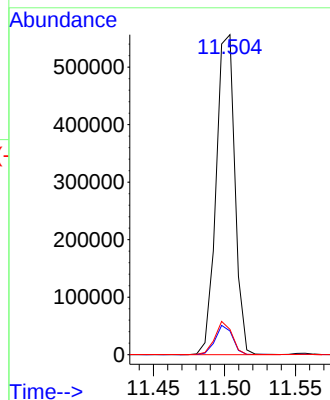
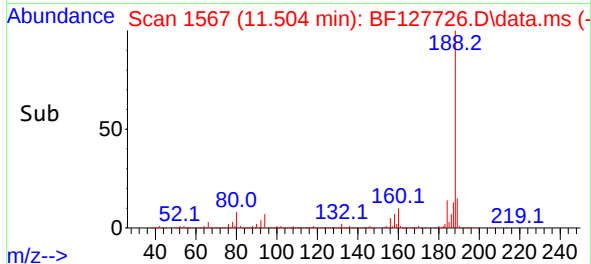
Instrument :
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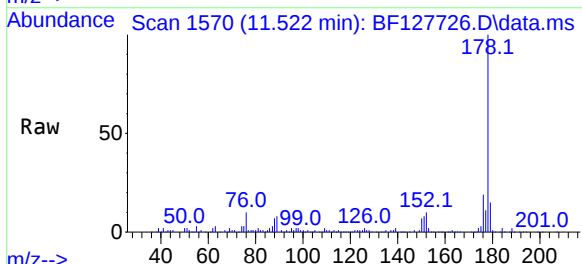
Tgt Ion:188 Resp: 51050
Ion Ratio Lower Upper
188 100
94 7.4 7.4 11.0
80 7.9 8.0 12.0

Manual Integrations
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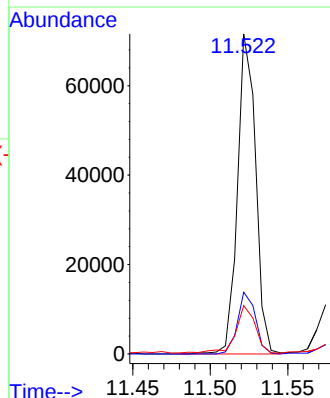
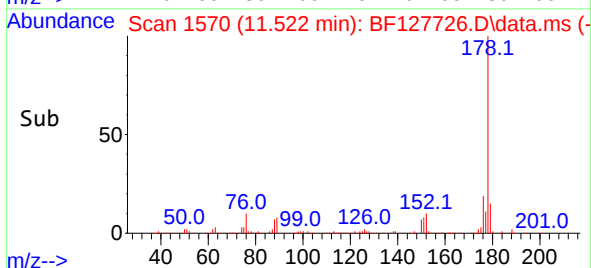
Reviewed By :Christian Giraldo 04/11/2022
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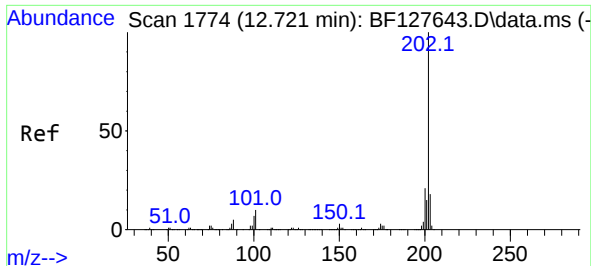


#71
Phenanthrene
Concen: 2.155 ng
RT: 11.522 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21



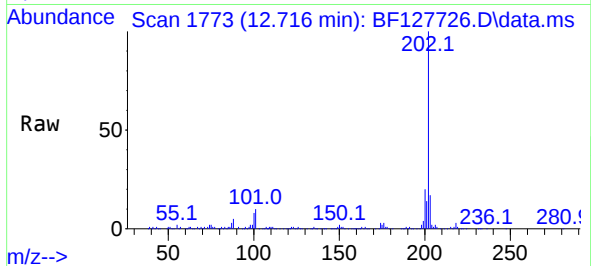
Tgt Ion:178 Resp: 58294
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.1 12.4 18.6





#75
Fluoranthene
Concen: 3.456 ng
RT: 12.716 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

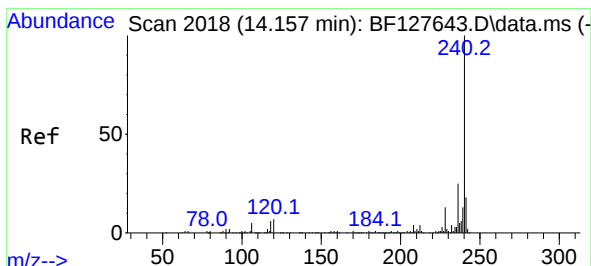
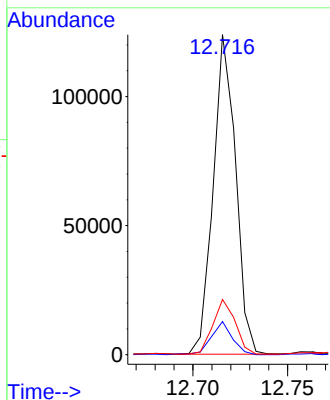
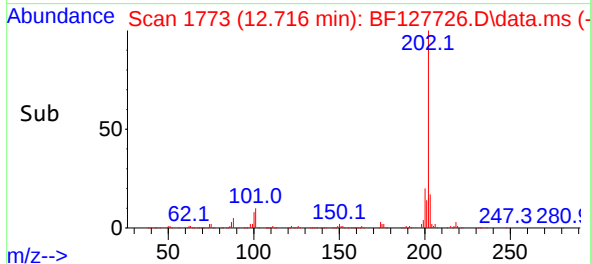
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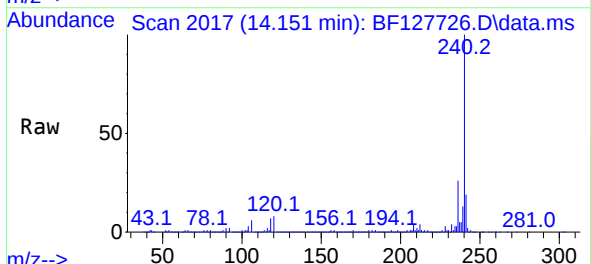
Tgt Ion:202 Resp: 102018
Ion Ratio Lower Upper
202 100
101 10.4 0.0 29.0
203 17.3 0.0 37.7

Manual Integrations
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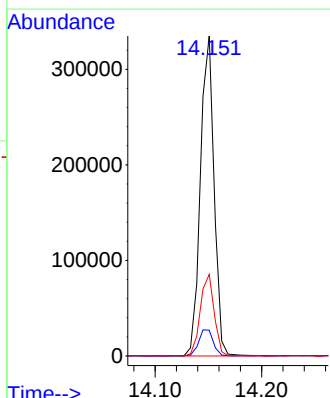
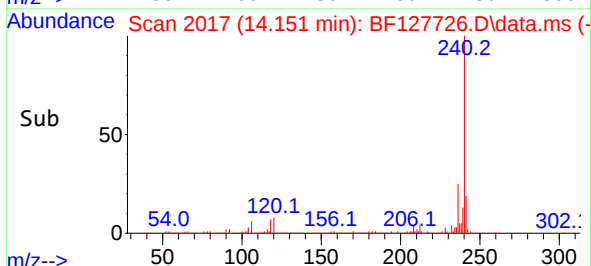
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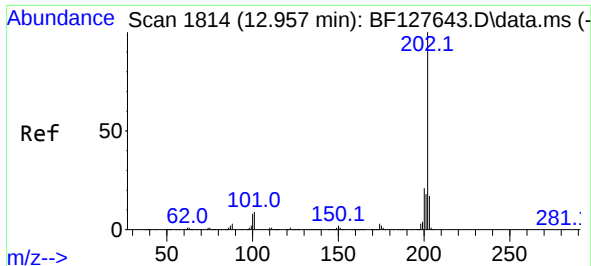


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21



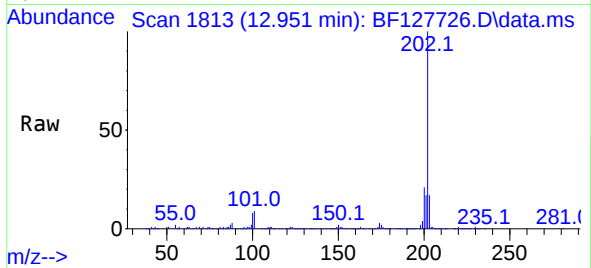
Tgt Ion:240 Resp: 300213
Ion Ratio Lower Upper
240 100
120 8.0 7.1 10.7
236 25.5 20.7 31.1





#78
Pyrene
Concen: 4.902 ng
RT: 12.951 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

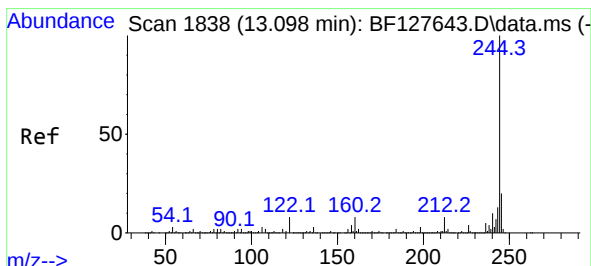
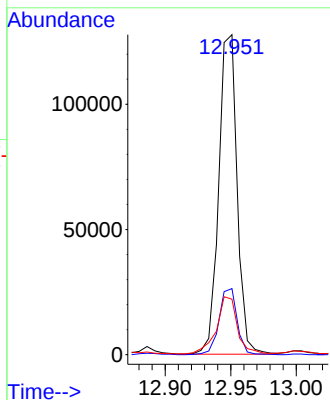
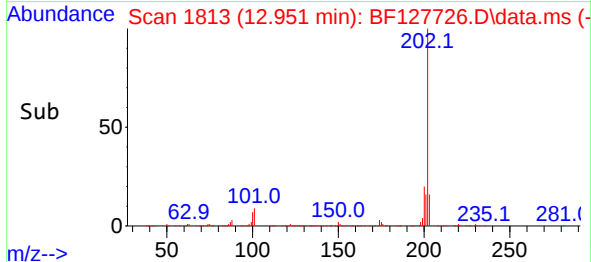
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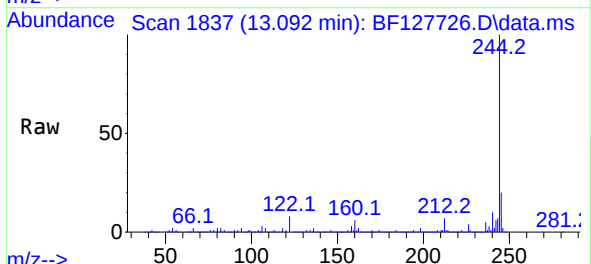
Tgt Ion:202 Resp: 12428
Ion Ratio Lower Upper
202 100
200 20.6 17.1 25.7
203 17.3 14.3 21.5

Manual Integrations
APPROVED

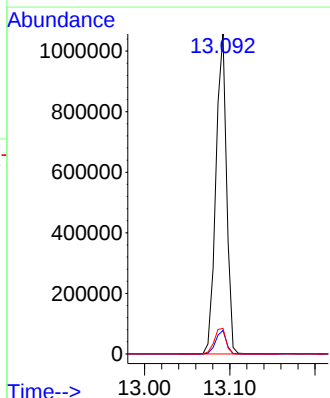
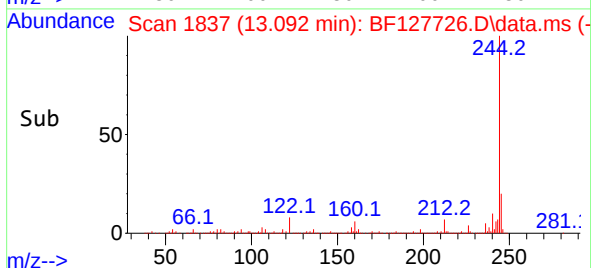
Reviewed By :Christian Giraldo 04/11/2022
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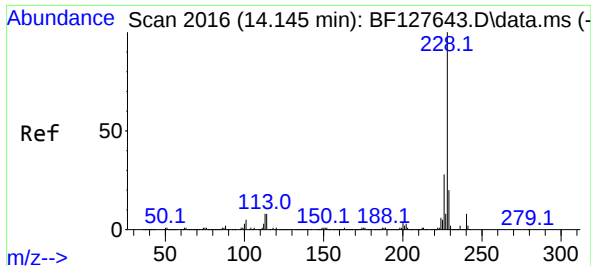


#79
Terphenyl-d14
Concen: 50.524 ng
RT: 13.092 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21



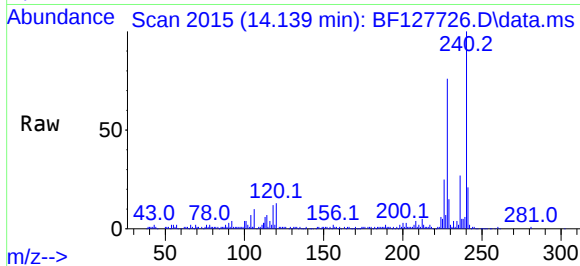
Tgt Ion:244 Resp: 918927
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 8.0 6.2 9.2





#81
Benzo(a)anthracene
Concen: 2.606 ng m
RT: 14.139 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

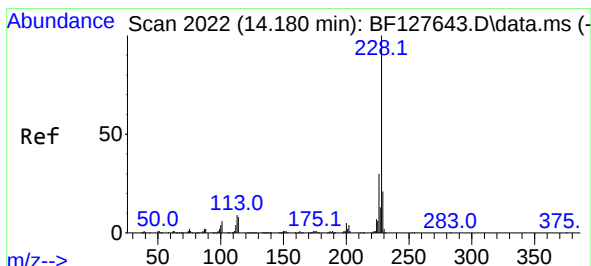
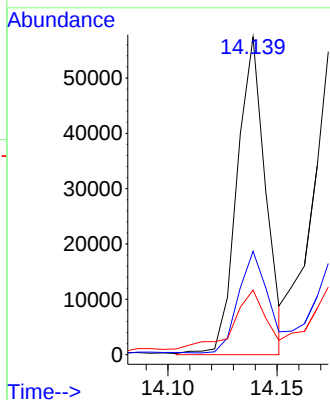
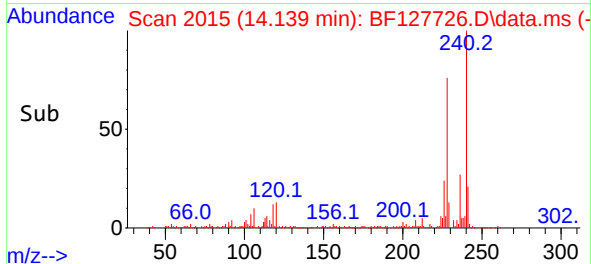
Instrument :
BNA_F
ClientSampleId :
RBR-346



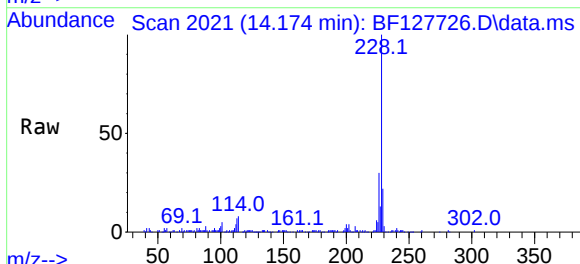
Tgt Ion:228 Resp: 52250
Ion Ratio Lower Upper
228 100
226 32.5 21.6 32.4
229 20.4 15.4 23.2

Manual Integrations
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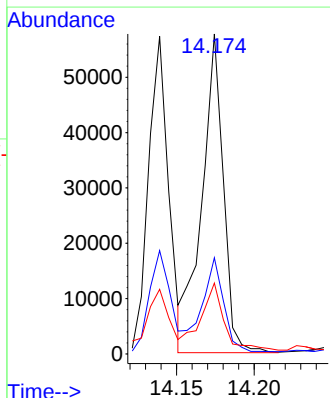
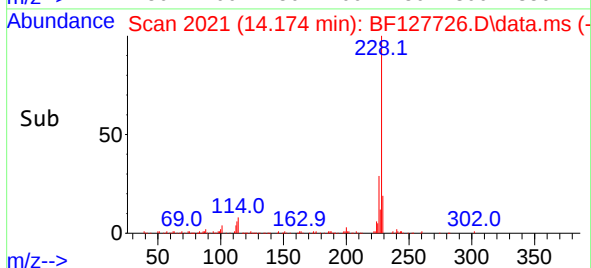
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

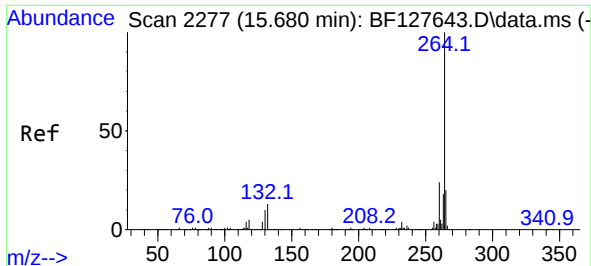


#83
Chrysene
Concen: 2.901 ng m
RT: 14.174 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21



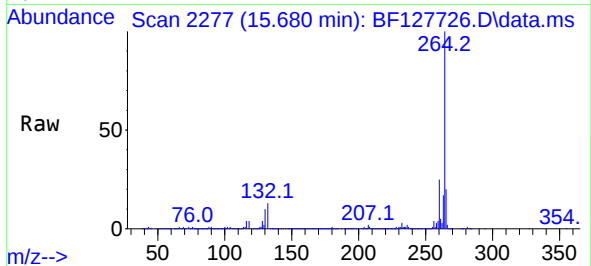
Tgt Ion:228 Resp: 55828
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.4
229 22.1 15.4 23.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.680 min Scan# 211749
Delta R.T. -0.000 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

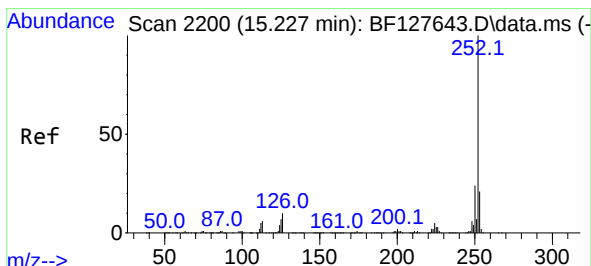
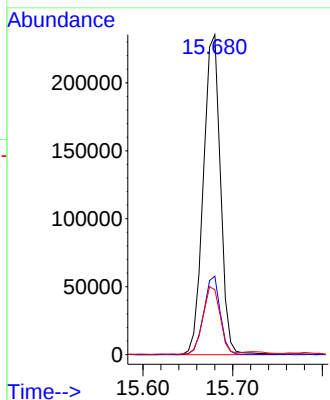
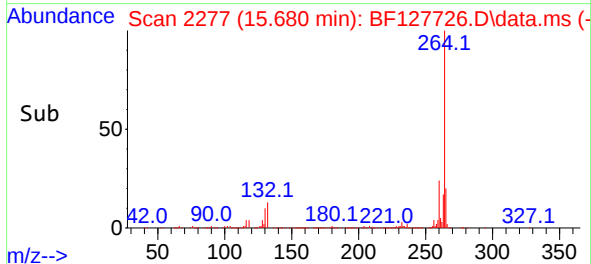
Instrument :
BNA_F
ClientSampleId :
RBR-346



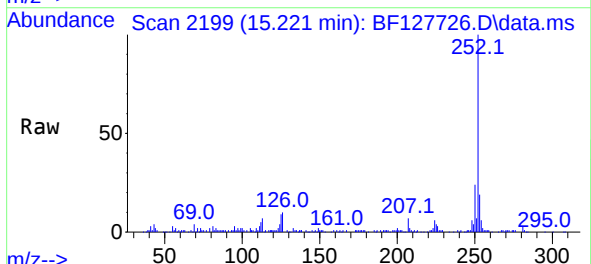
Tgt Ion:264 Resp: 311749
Ion Ratio Lower Upper
264 100
260 24.6 19.1 28.7
265 20.3 17.4 26.2

Manual Integrations
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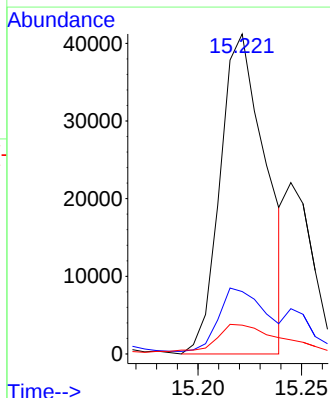
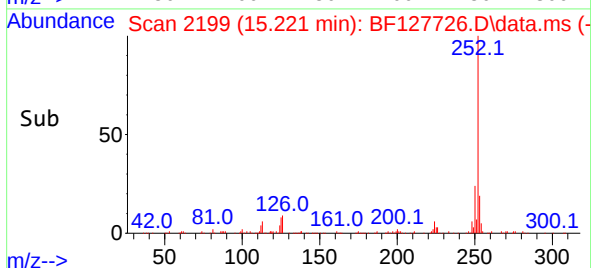
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

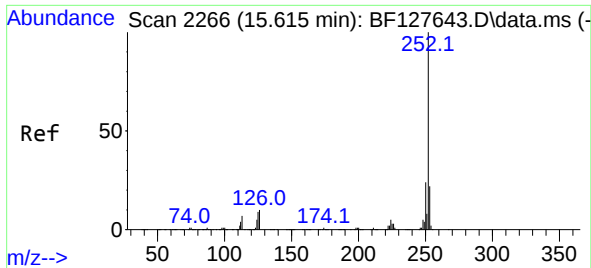


#88
Benzo(b)fluoranthene
Concen: 3.149 ng m
RT: 15.221 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21



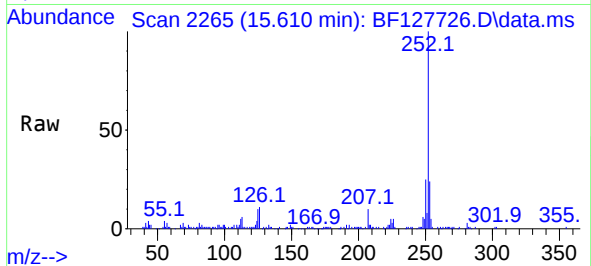
Tgt Ion:252 Resp: 63147
Ion Ratio Lower Upper
252 100
253 19.5 17.9 26.9
125 9.0 7.0 10.4





#90
Benzo(a)pyrene
Concen: 3.018 ng m
RT: 15.610 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

Instrument :
BNA_F
ClientSampleId :
RBR-346



Tgt Ion:252 Resp: 4919
Ion Ratio Lower Upper
252 100
253 23.9 17.0 25.6
125 10.2 6.7 10.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

