

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020122\
 Data File : BF126776.D
 Acq On : 01 Feb 2022 16:11
 Operator : CG/JU
 Sample : N1340-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(0.5-1)

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 02/02/2022
 Supervised By :Jagrut Upadhyay 02/02/2022

Quant Time: Feb 02 04:58:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	120386	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	468485	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	262650	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	444815	20.000	ng	0.00
76) Chrysene-d12	14.139	240	255312	20.000	ng	# 0.00
86) Perylene-d12	15.657	264	236467	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	871475	95.258	ng	0.01
7) Phenol-d6	6.575	99	1207605	95.006	ng	0.00
23) Nitrobenzene-d5	7.516	82	899148	75.122	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	258890	105.326	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1172882	68.390	ng	0.00
79) Terphenyl-d14	13.080	244	1176344	77.280	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.510	178	75882	2.986	ng	99
75) Fluoranthene	12.704	202	78619	3.132	ng	98
78) Pyrene	12.933	202	87215	4.224	ng	97
83) Chrysene	14.163	228	33773	2.023	ng	96
88) Benzo(b)fluoranthene	15.204	252	34795m	2.219	ng	

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

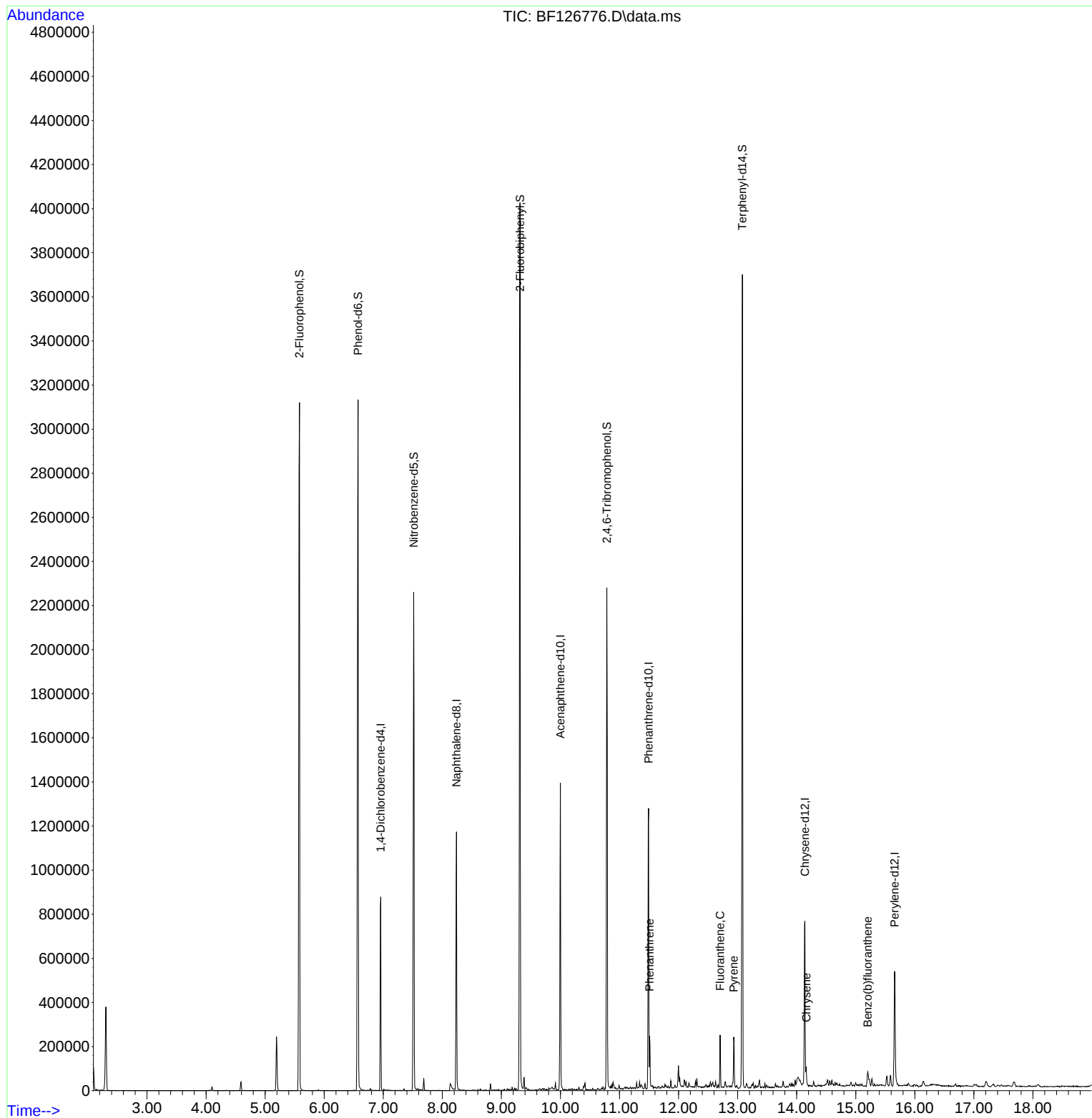
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020122\
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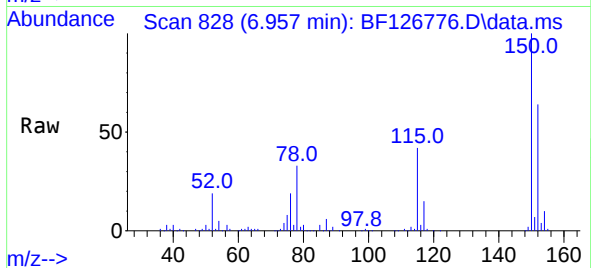
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126776.D
Acq: 01 Feb 2022 16:11

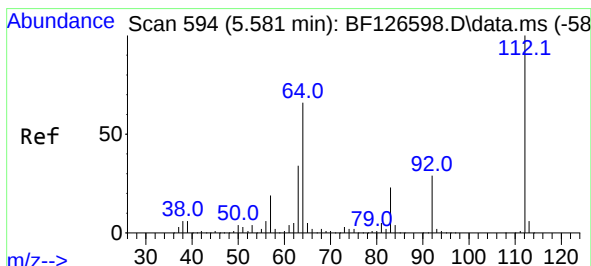
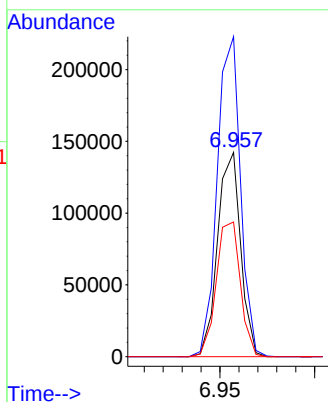
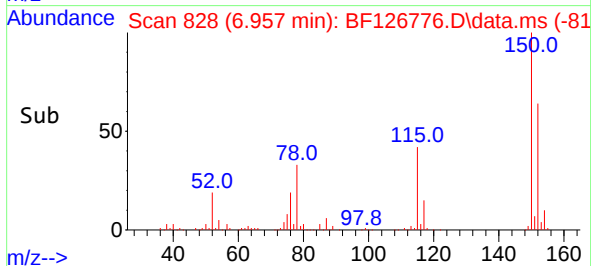
Instrument :
BNA_F
ClientSampleId :
SB-1(0.5-1)



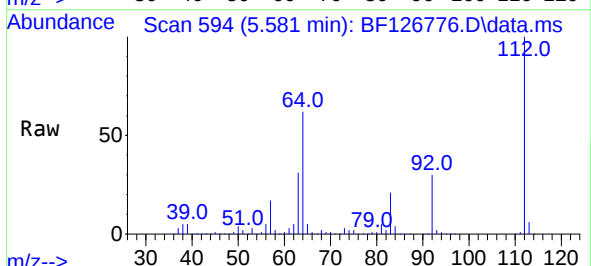
Tgt Ion:152 Resp: 120380
Ion Ratio Lower Upper
152 100
150 156.6 128.1 192.1
115 66.0 56.7 85.1

Manual Integrations
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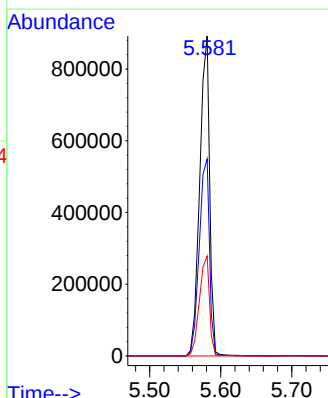
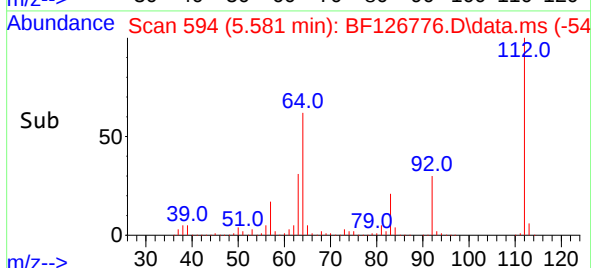
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022

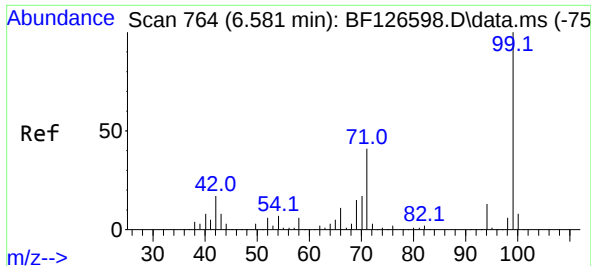


#5
2-Fluorophenol
Concen: 95.258 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.012 min
Lab File: BF126776.D
Acq: 01 Feb 2022 16:11



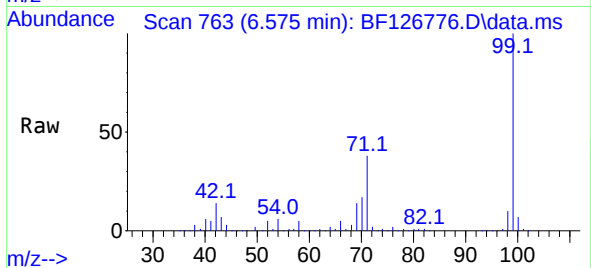
Tgt Ion:112 Resp: 871475
Ion Ratio Lower Upper
112 100
64 61.5 49.5 74.3
63 31.3 23.9 35.9





#7
Phenol-d6
Concen: 95.006 ng
RT: 6.575 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126776.D
Acq: 01 Feb 2022 16:11

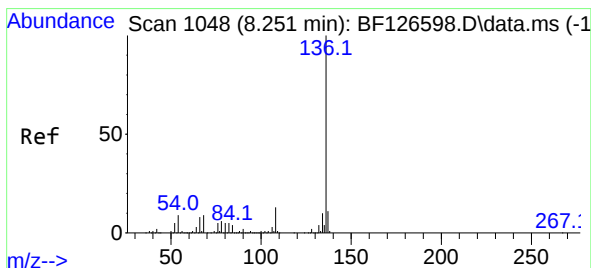
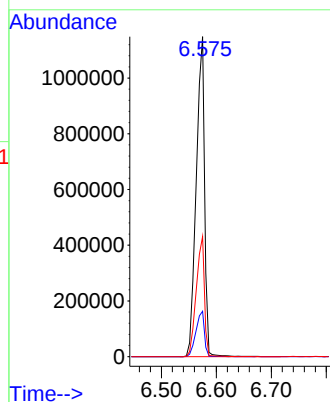
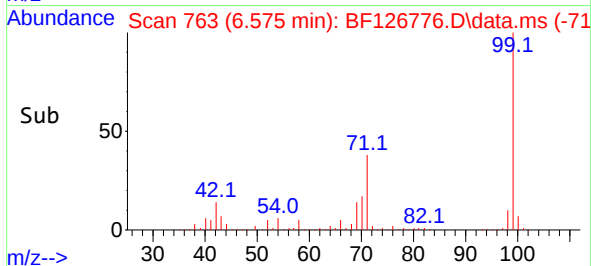
Instrument :
BNA_F
ClientSampleId :
SB-1(0.5-1)



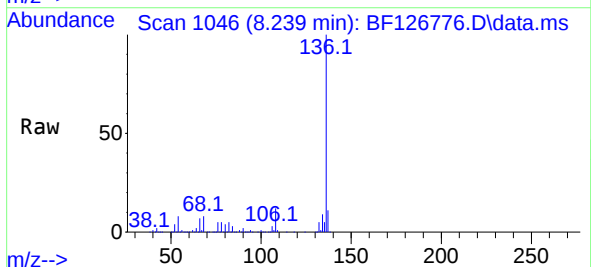
Tgt Ion: 99 Resp: 120760
Ion Ratio Lower Upper
99 100
42 14.2 14.2 21.4
71 37.5 24.3 36.5

Manual Integrations
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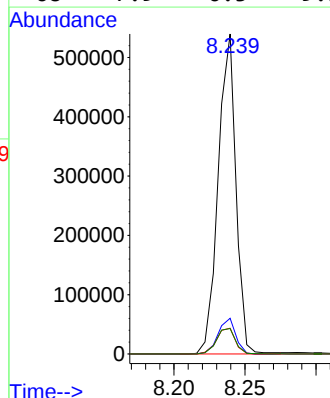
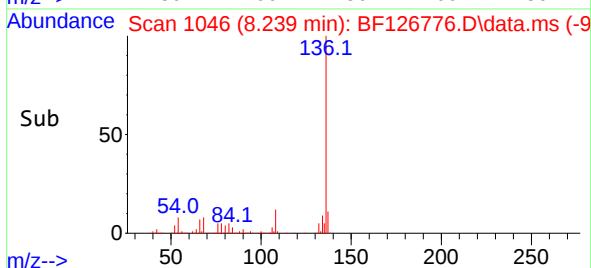
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126776.D
Acq: 01 Feb 2022 16:11



Tgt Ion:136 Resp: 468485
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.0 7.8 11.6
68 7.9 6.3 9.5





#23
Nitrobenzene-d5
Concen: 75.122 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126776.D
Acq: 01 Feb 2022 16:11

Instrument :

BNA_F

ClientSampleId :

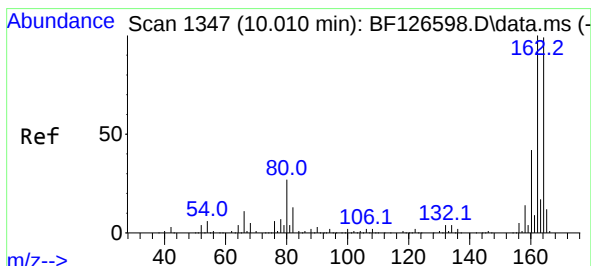
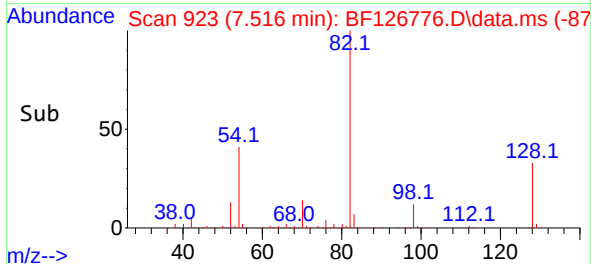
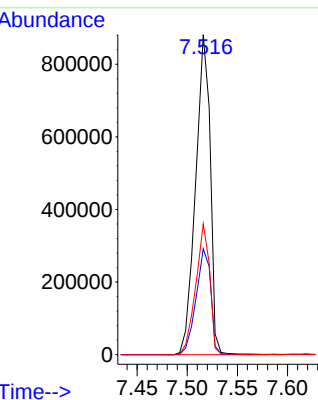
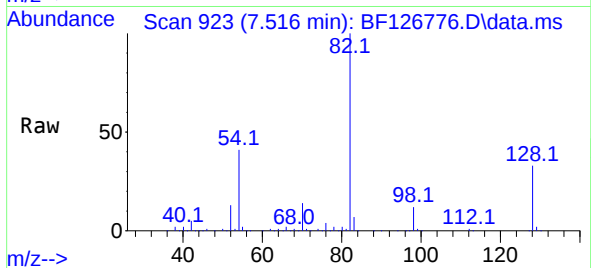
SB-1(0.5-1)

Tgt Ion: 82 Resp: 89914
Ion Ratio Lower Upper
82 100
128 33.1 32.7 49.1
54 40.9 41.7 62.5

Manual Integrations

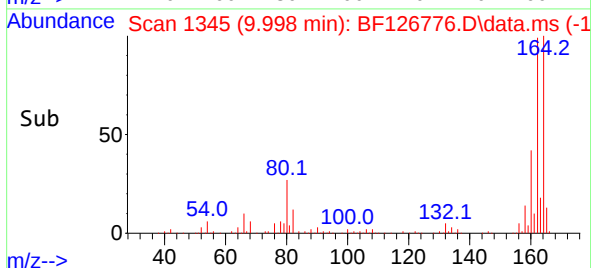
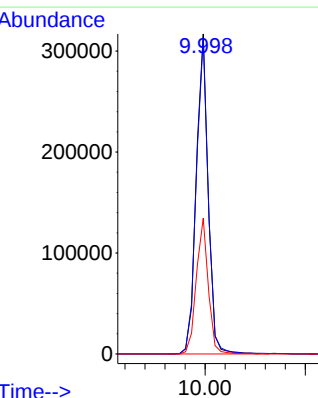
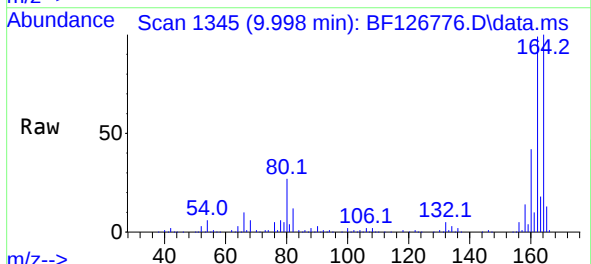
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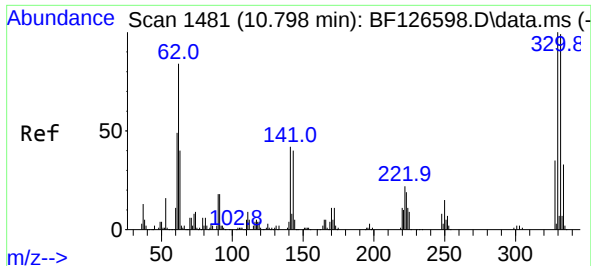
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF126776.D
Acq: 01 Feb 2022 16:11

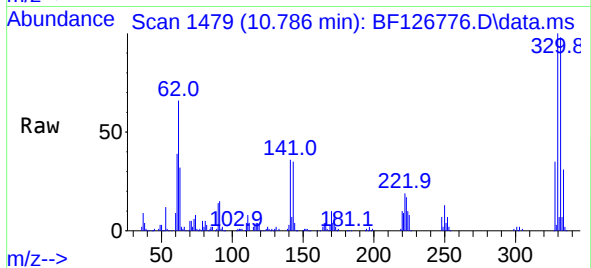
Tgt Ion:164 Resp: 262650
Ion Ratio Lower Upper
164 100
162 98.8 81.4 122.0
160 42.4 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 105.326 ng
RT: 10.786 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF126776.D
Acq: 01 Feb 2022 16:11

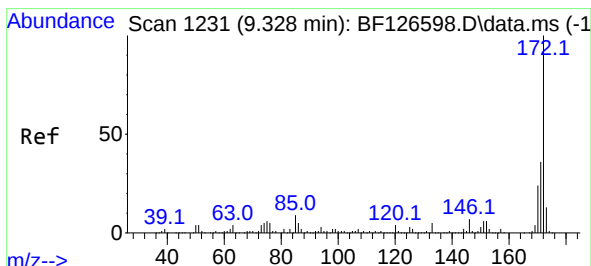
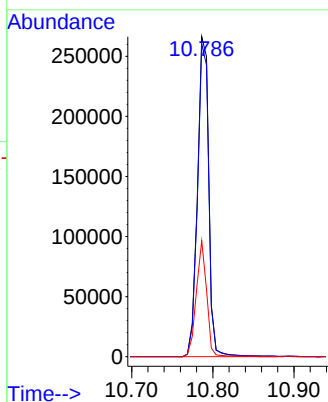
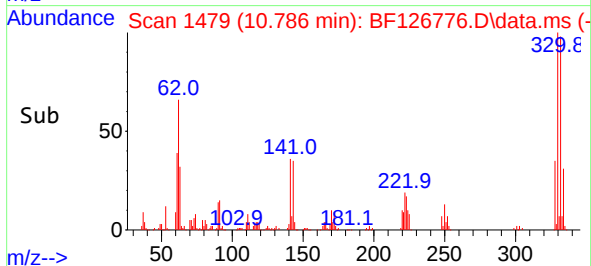
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SB-1(0.5-1)



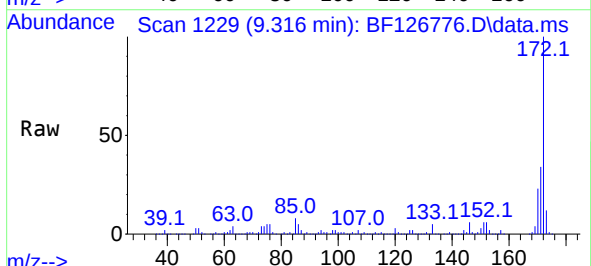
Tgt Ion:330 Resp: 258890
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 33.2 30.1 45.1

Manual Integrations
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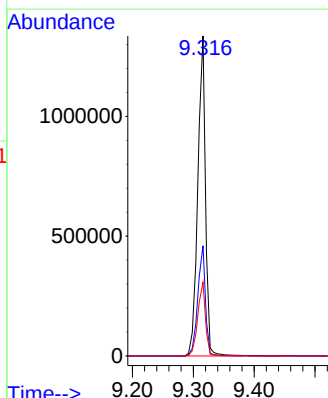
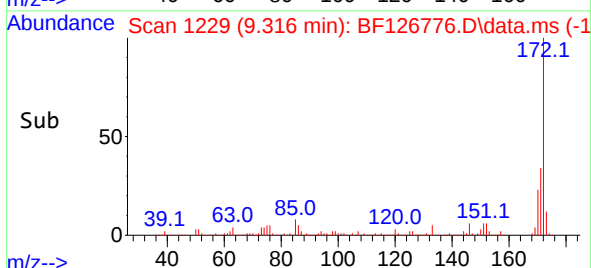
Reviewed By :Christian Giraldo 02/02/2022
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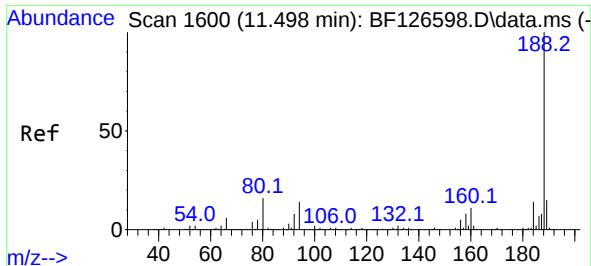


#45
2-Fluorobiphenyl
Concen: 68.390 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF126776.D
Acq: 01 Feb 2022 16:11



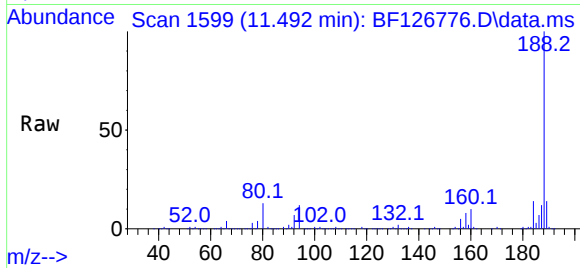
Tgt Ion:172 Resp: 1172882
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.0 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126776.D
Acq: 01 Feb 2022 16:11

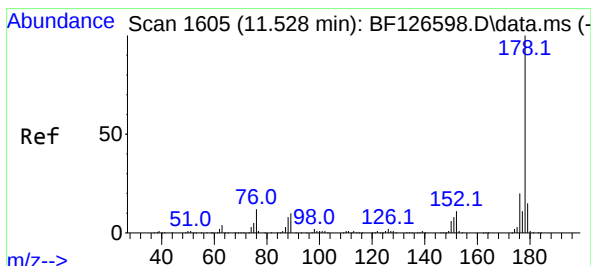
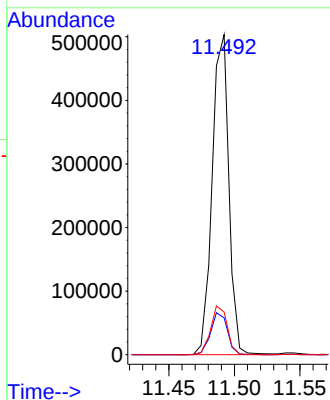
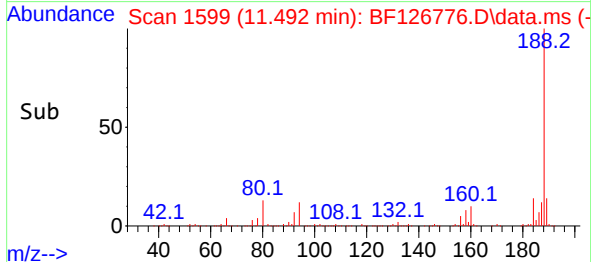
Instrument :
BNA_F
ClientSampleId :
SB-1(0.5-1)



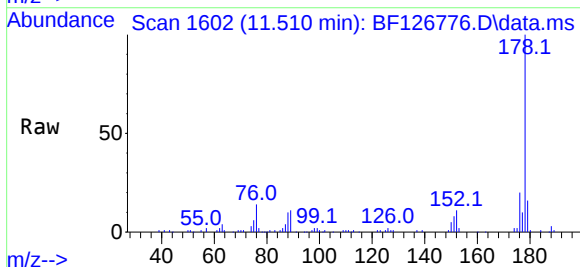
Tgt Ion:188 Resp: 444815
Ion Ratio Lower Upper
188 100
94 11.5 10.1 15.1
80 13.3 11.8 17.6

Manual Integrations
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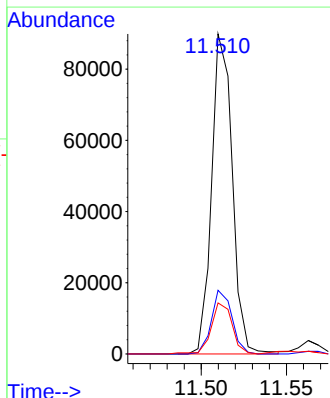
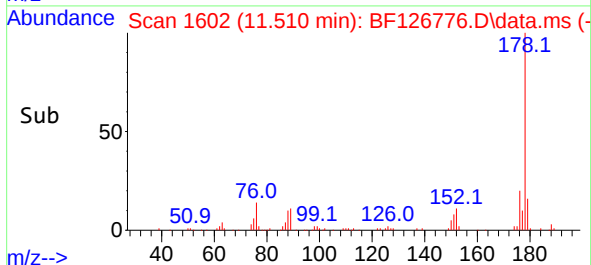
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022

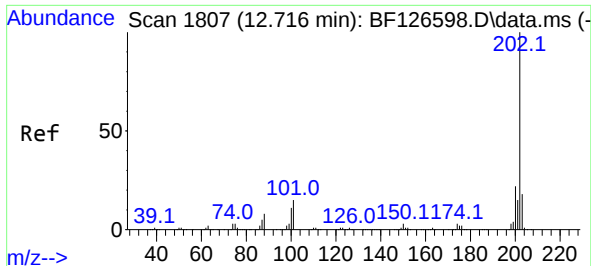


#71
Phenanthrene
Concen: 2.986 ng
RT: 11.510 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BF126776.D
Acq: 01 Feb 2022 16:11



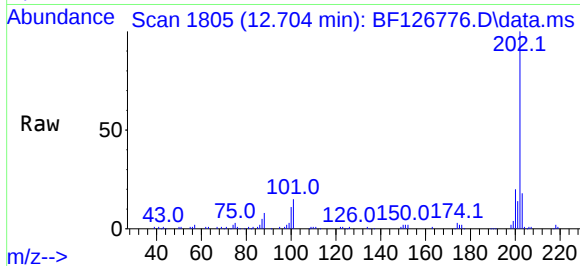
Tgt Ion:178 Resp: 75882
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 15.9 12.3 18.5





#75
Fluoranthene
Concen: 3.132 ng
RT: 12.704 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126776.D
Acq: 01 Feb 2022 16:11

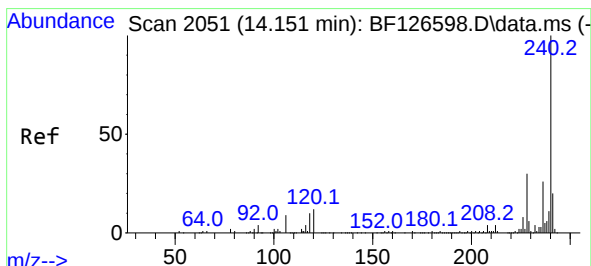
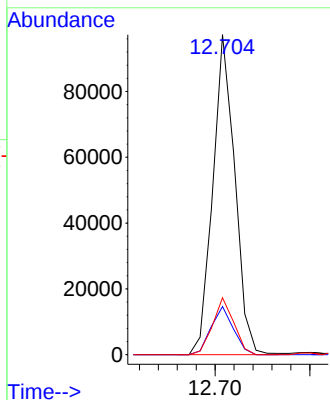
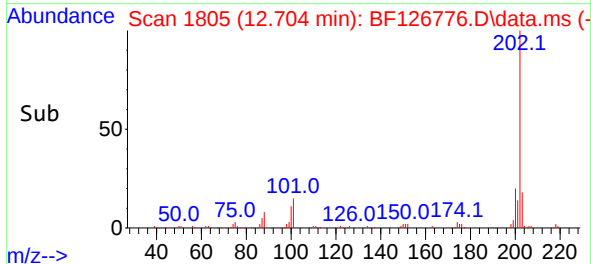
Instrument :
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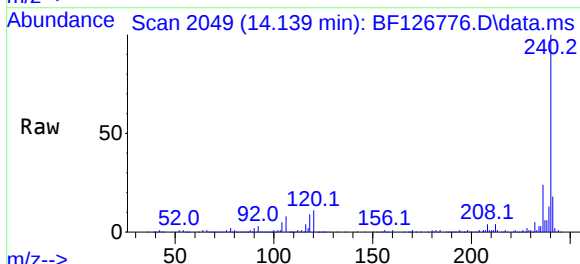
Tgt Ion: 202 Resp: 78619
Ion Ratio Lower Upper
202 100
101 15.0 0.0 35.7
203 17.8 0.0 37.1

Manual Integrations
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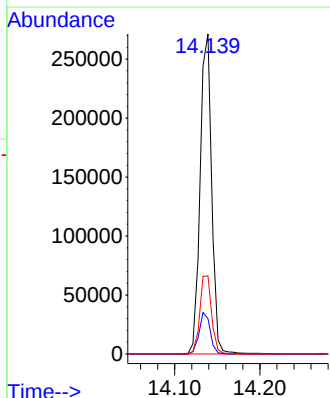
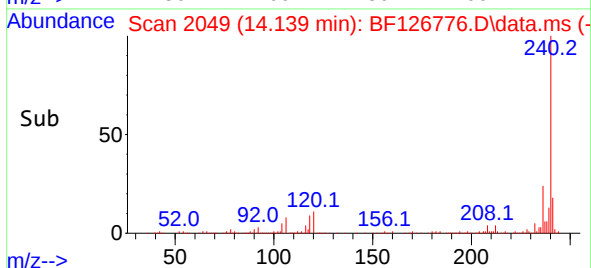
Reviewed By : Christian Giraldo 02/02/2022
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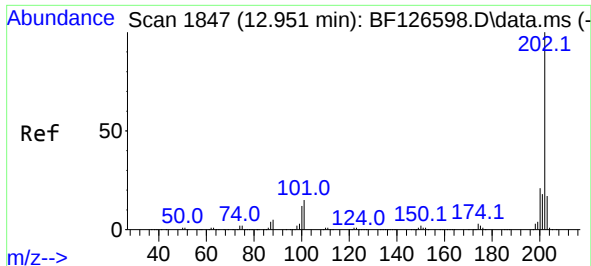


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF126776.D
Acq: 01 Feb 2022 16:11



Tgt Ion: 240 Resp: 255312
Ion Ratio Lower Upper
240 100
120 11.0 14.4 21.6#
236 24.4 20.5 30.7





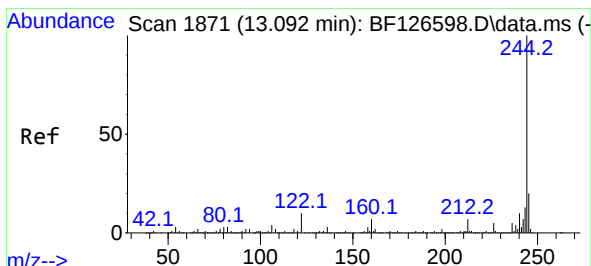
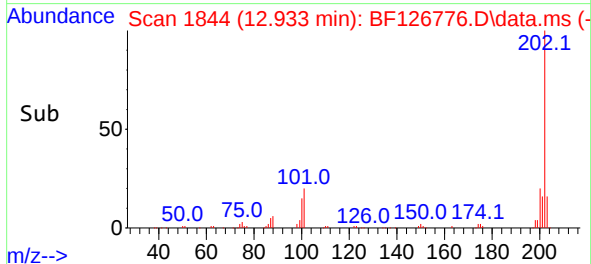
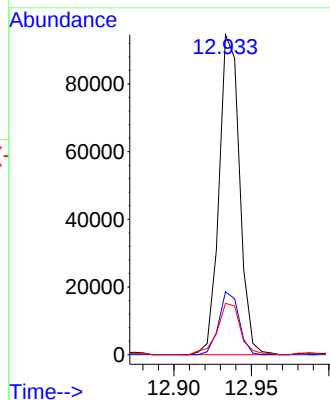
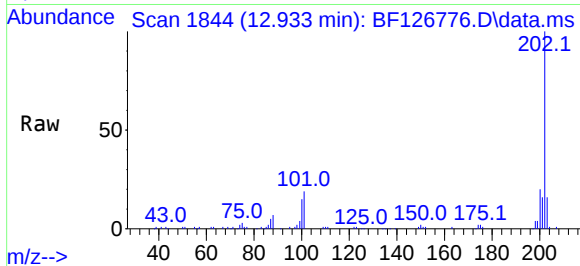
#78
Pyrene
Concen: 4.224 ng
RT: 12.933 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BF126776.D
Acq: 01 Feb 2022 16:11

Instrument :
BNA_F
ClientSampleId :
SB-1(0.5-1)

Tgt Ion:202 Resp: 87215
Ion Ratio Lower Upper
202 100
200 19.6 16.6 24.8
203 16.1 13.8 20.8

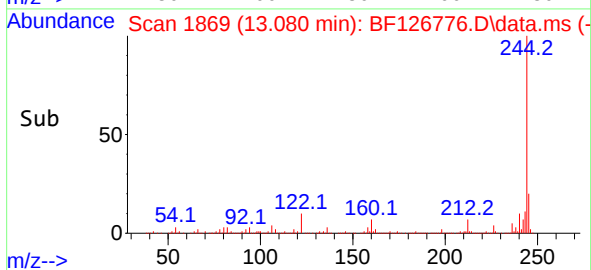
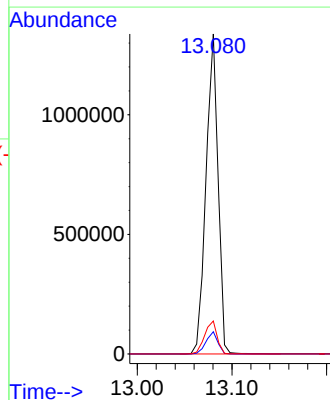
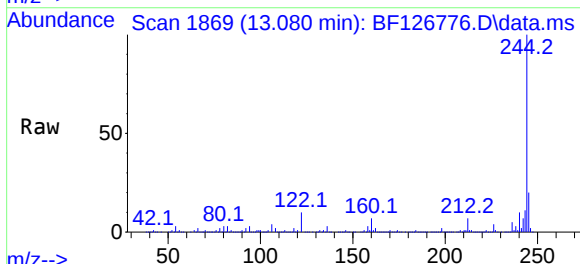
Manual Integrations
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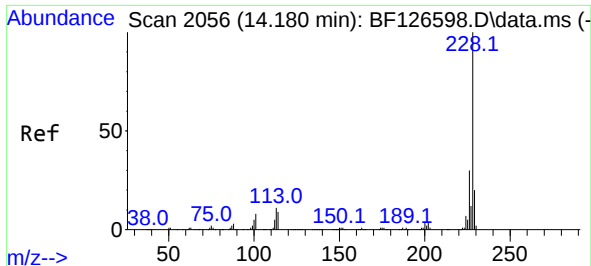
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



#79
Terphenyl-d14
Concen: 77.280 ng
RT: 13.080 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BF126776.D
Acq: 01 Feb 2022 16:11

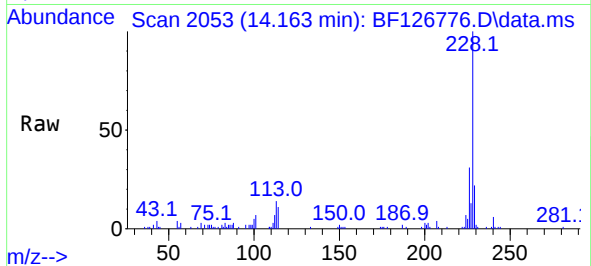
Tgt Ion:244 Resp: 1176344
Ion Ratio Lower Upper
244 100
212 7.0 5.0 7.4
122 10.3 13.3 19.9#





#83
Chrysene
Concen: 2.023 ng
RT: 14.163 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BF126776.D
Acq: 01 Feb 2022 16:11

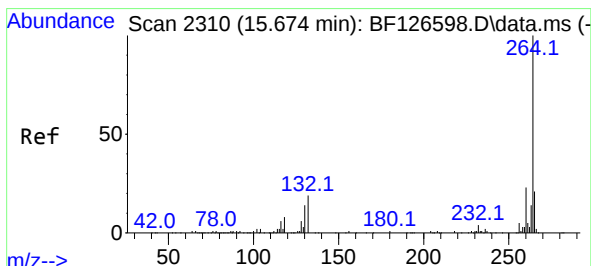
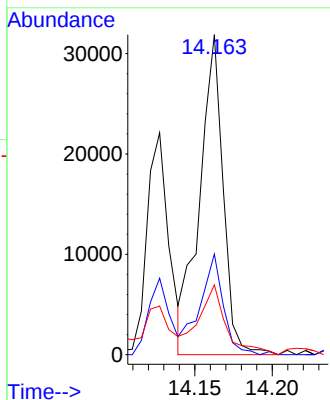
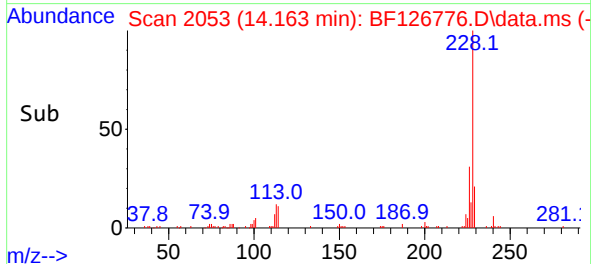
Instrument :
BNA_F
ClientSampleId :
SB-1(0.5-1)



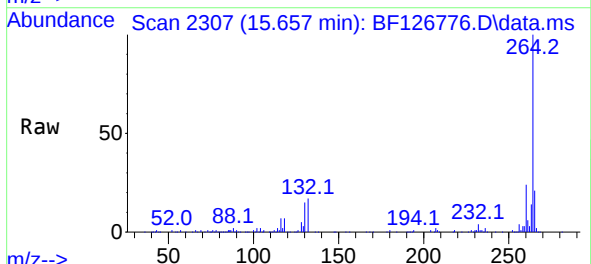
Tgt Ion:228 Resp: 3377
Ion Ratio Lower Upper
228 100
226 31.4 23.7 35.5
229 21.8 15.5 23.3

Manual Integrations
APPROVED

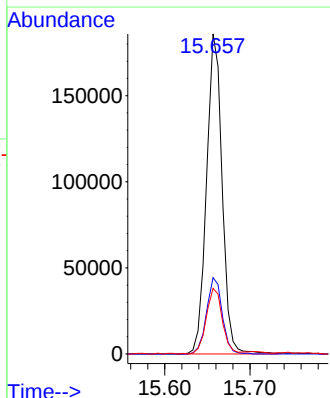
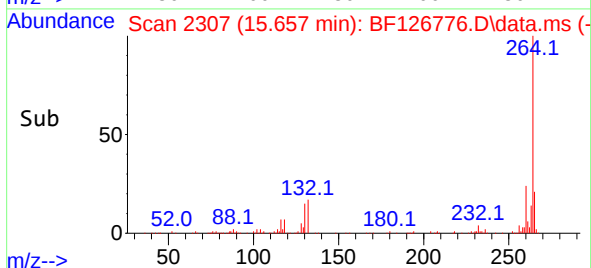
Reviewed By :Christian Giraldo 02/02/2022
Supervised By :Jagrut Upadhyay 02/02/2022



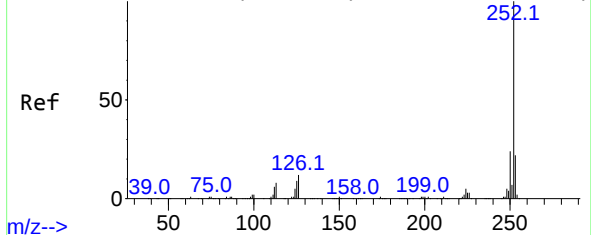
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 2307
Delta R.T. -0.006 min
Lab File: BF126776.D
Acq: 01 Feb 2022 16:11



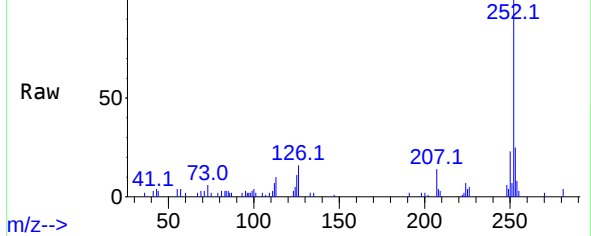
Tgt Ion:264 Resp: 236467
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 20.5 17.4 26.2



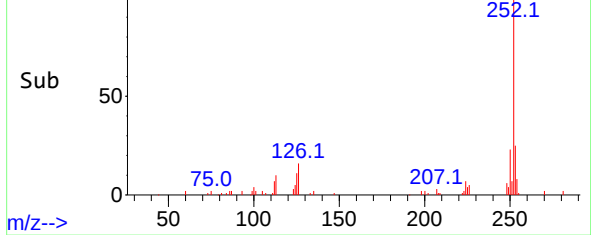
Abundance Scan 2234 (15.227 min): BF126598.D\data.ms (-



m/z--> Abundance Scan 2230 (15.204 min): BF126776.D\data.ms



m/z--> Abundance Scan 2230 (15.204 min): BF126776.D\data.ms (-



m/z-->

#88

Benzo(b)fluoranthene

Concen: 2.219 ng m

RT: 15.204 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF126776.D

Acq: 01 Feb 2022 16:11

Tgt Ion:252 Resp: 3479

Ion Ratio Lower Upper

252 100

253 24.9 17.8 26.8

125 11.3 12.4 18.6

Instrument :

BNA_F

ClientSampleId :

SB-1(0.5-1)

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2022

Supervised By :Jagrut Upadhyay 02/02/2022

