

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
 Data File : BF126736.D
 Acq On : 29 Jan 2022 00:15
 Operator : CG/JU
 Sample : N1315-01 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-012722

Quant Time: Jan 29 02:32:03 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

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/31/2022
 Supervised By : Jagrut Upadhyay 01/31/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	164838	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	569377	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	263511	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	421656	20.000	ng	0.00
76) Chrysene-d12	14.139	240	398440	20.000	ng	0.00
86) Perylene-d12	15.668	264	307571	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	514656	41.085	ng	0.00
7) Phenol-d6	6.563	99	654101	37.583	ng	-0.01
23) Nitrobenzene-d5	7.516	82	423564	29.117	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	87383	35.434	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	503096	29.239	ng	0.00
79) Terphenyl-d14	13.080	244	525307	22.113	ng	0.00
Target Compounds						Qvalue
58) Fluorene	10.545	166	37717	2.222	ng	97
71) Phenanthrene	11.516	178	417343	17.325	ng	99
72) Anthracene	11.563	178	79852	3.304	ng	99
75) Fluoranthene	12.710	202	567956	23.870	ng	99
78) Pyrene	12.939	202	522022	16.201	ng	100
81) Benzo(a)anthracene	14.133	228	249312m	9.206	ng	
83) Chrysene	14.168	228	261503	10.035	ng	97
87) Indeno(1,2,3-cd)pyrene	17.221	276	77532	4.080	ng	# 89
88) Benzo(b)fluoranthene	15.209	252	260834m	12.788	ng	
89) Benzo(k)fluoranthene	15.239	252	73195m	3.655	ng	
90) Benzo(a)pyrene	15.598	252	167784	10.110	ng	95
92) Benzo(g,h,i)perylene	17.698	276	80684	5.227	ng	# 90

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

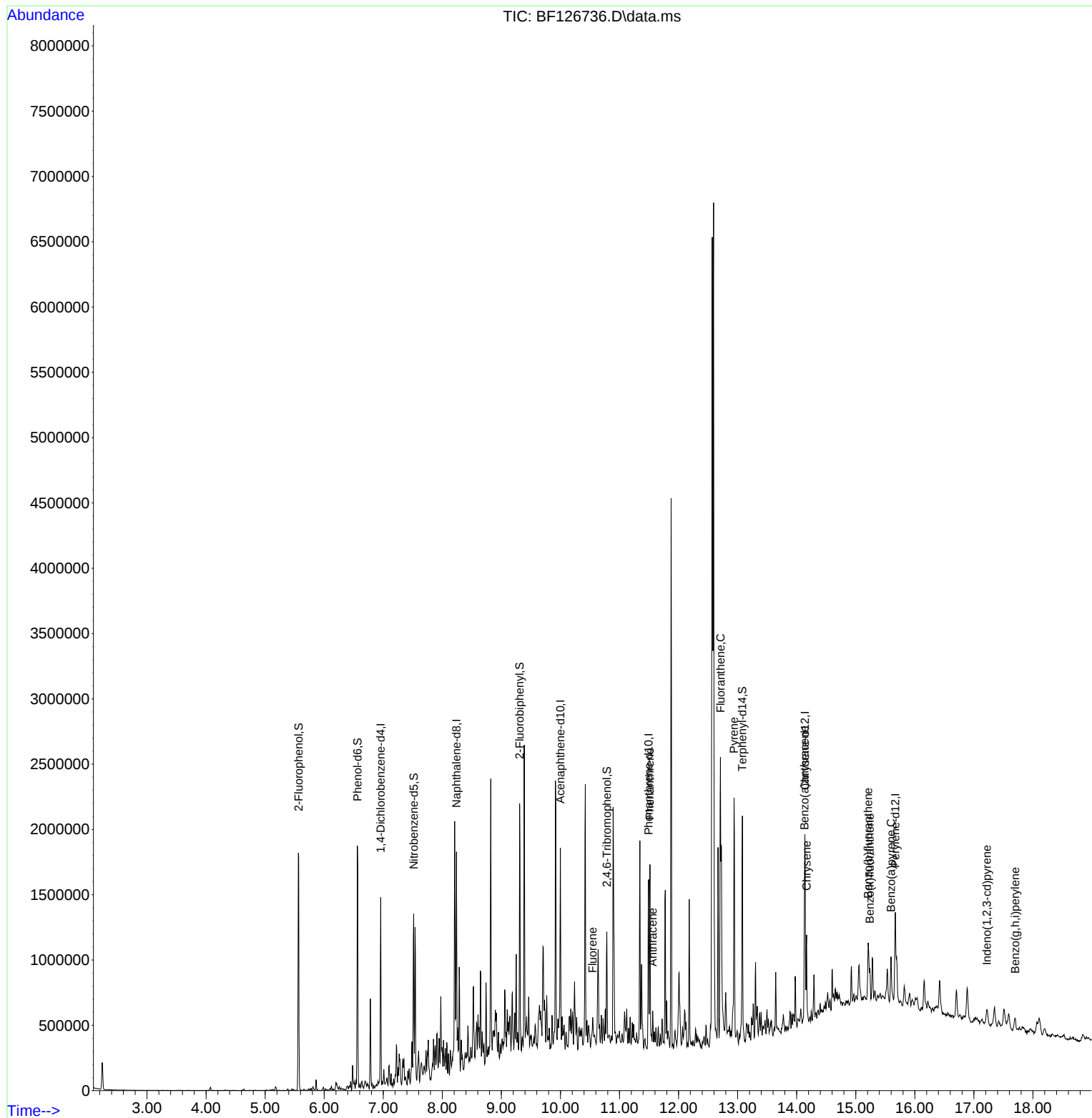
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
Data File : BF126736.D
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Operator : CG/JU
Sample : N1315-01 2X
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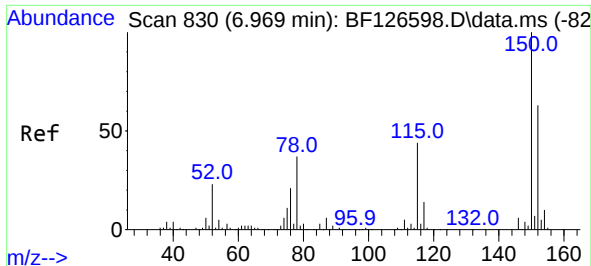
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Quant Time: Jan 29 02:32:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
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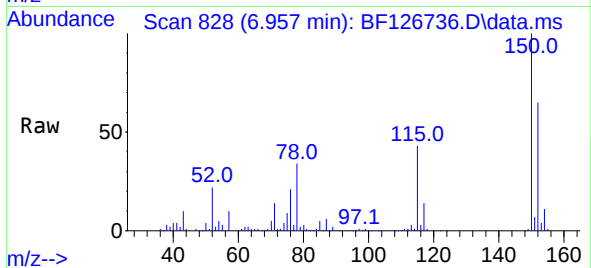
Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126736.D
Acq: 29 Jan 2022 00:15

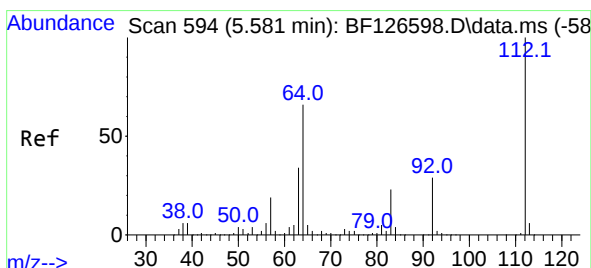
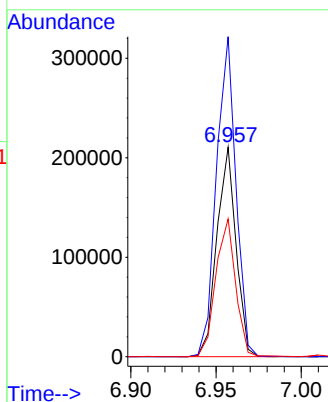
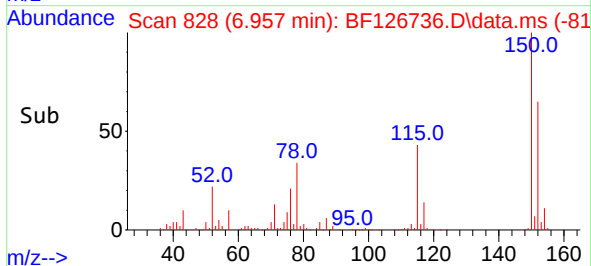
Instrument :
BNA_F
ClientSampleId :
OK-02-012722



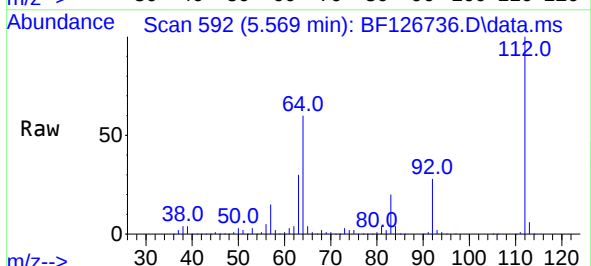
Tgt Ion:152 Resp: 164838
Ion Ratio Lower Upper
152 100
150 152.8 128.1 192.1
115 65.8 56.7 85.1

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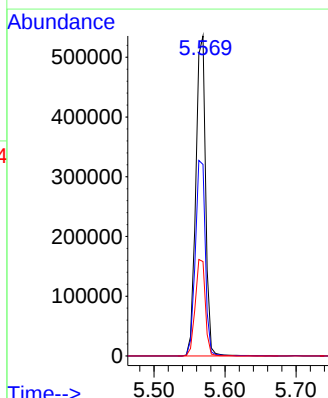
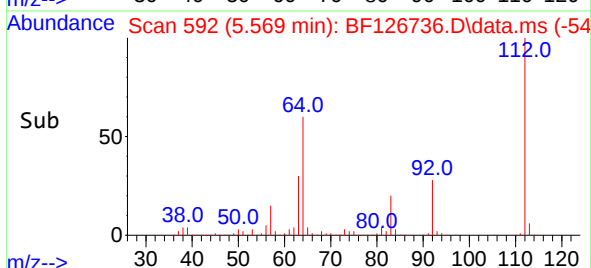
Reviewed By :Christian Giraldo 01/31/2022
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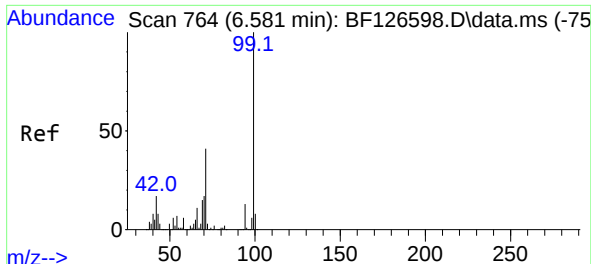


#5
2-Fluorophenol
Concen: 41.085 ng
RT: 5.569 min Scan# 592
Delta R.T. -0.000 min
Lab File: BF126736.D
Acq: 29 Jan 2022 00:15



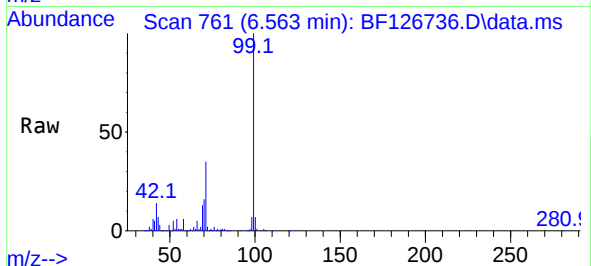
Tgt Ion:112 Resp: 514656
Ion Ratio Lower Upper
112 100
64 59.8 49.5 74.3
63 29.5 23.9 35.9





#7
Phenol-d6
Concen: 37.583 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126736.D
Acq: 29 Jan 2022 00:15

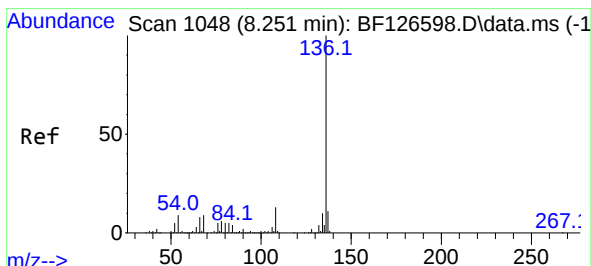
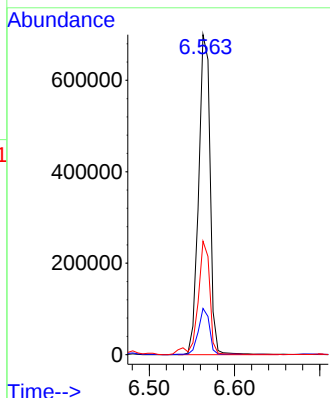
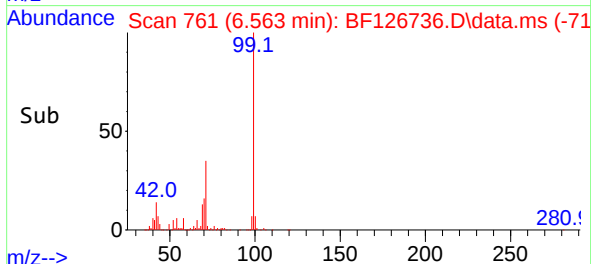
Instrument :
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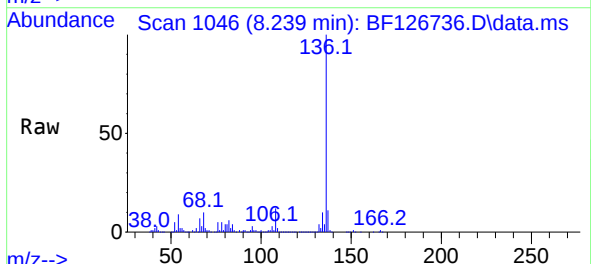
Tgt Ion: 99 Resp: 65410
Ion Ratio Lower Upper
99 100
42 14.4 14.2 21.4
71 35.5 24.3 36.5

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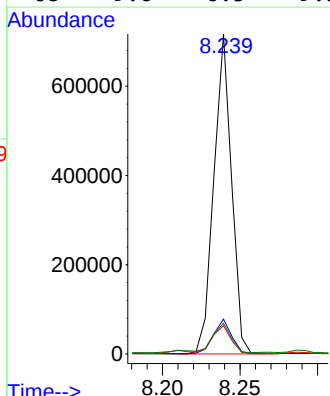
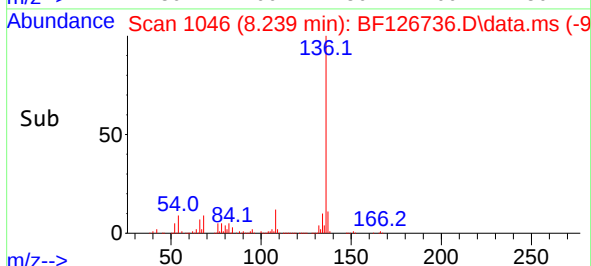
Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022

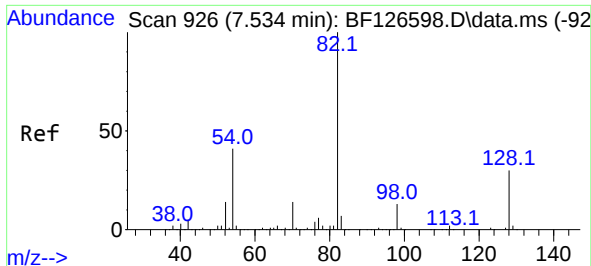


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF126736.D
Acq: 29 Jan 2022 00:15



Tgt Ion:136 Resp: 569377
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.8 7.8 11.6
68 9.6 6.3 9.5





#23

Nitrobenzene-d5

Concen: 29.117 ng

RT: 7.516 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126736.D

Acq: 29 Jan 2022 00:15

Instrument :

BNA_F

ClientSampleId :

OK-02-012722

Tgt Ion: 82 Resp: 423564

Ion Ratio Lower Upper

82 100

128 34.7 32.7 49.1

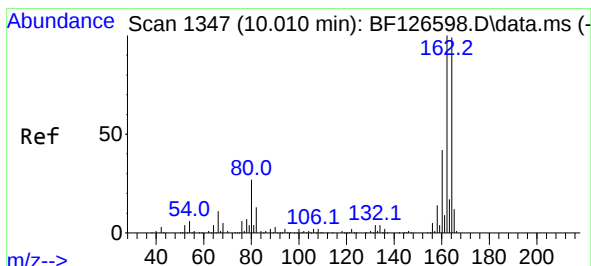
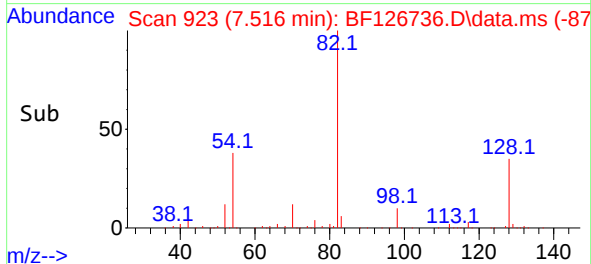
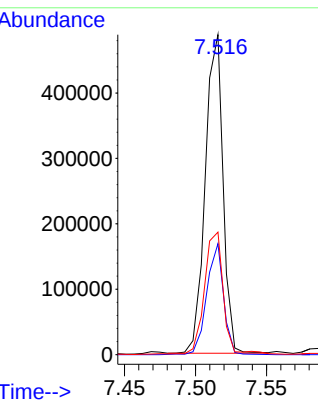
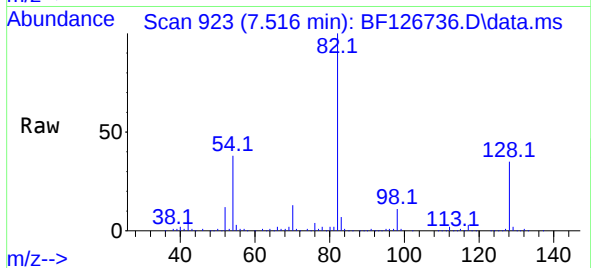
54 38.3 41.7 62.5

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1345

Delta R.T. -0.000 min

Lab File: BF126736.D

Acq: 29 Jan 2022 00:15

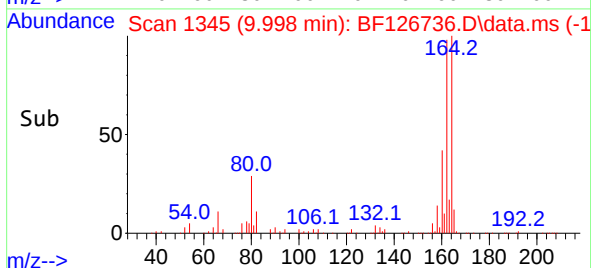
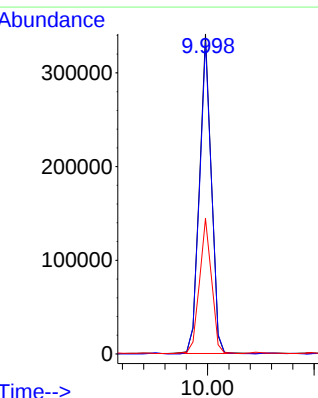
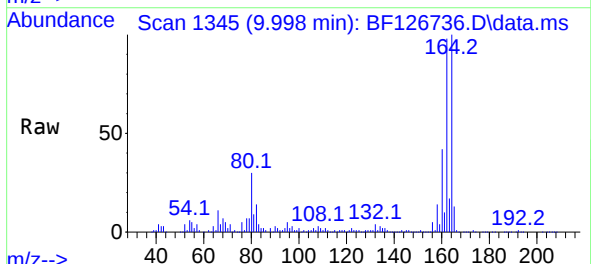
Tgt Ion:164 Resp: 263511

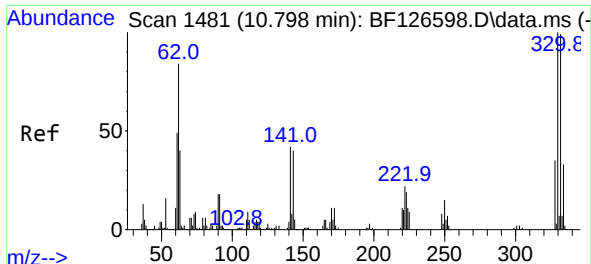
Ion Ratio Lower Upper

164 100

162 97.6 81.4 122.0

160 42.3 36.6 54.8





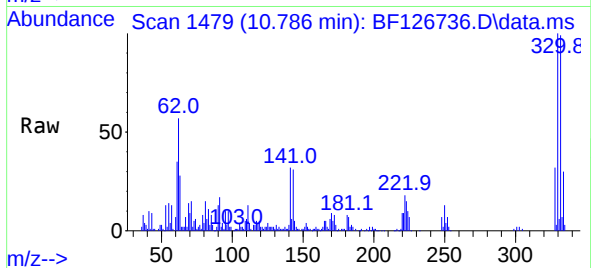
#42
2,4,6-Tribromophenol
Concen: 35.434 ng
RT: 10.786 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF126736.D
Acq: 29 Jan 2022 00:15

Instrument :

BNA_F

ClientSampleId :

OK-02-012722



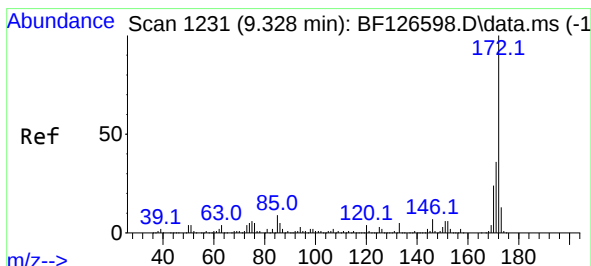
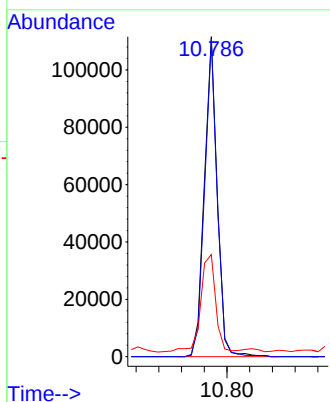
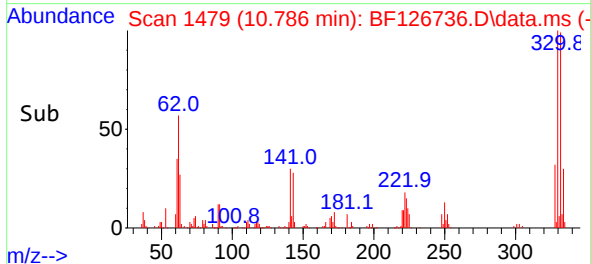
Tgt Ion:330 Resp: 8738
Ion Ratio Lower Upper
330 100
332 96.8 76.0 114.0
141 35.4 30.1 45.1

Manual Integrations

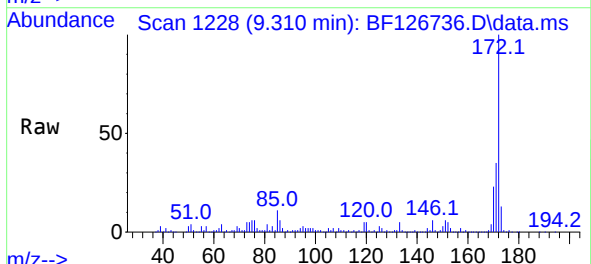
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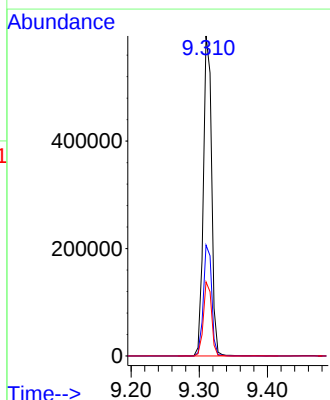
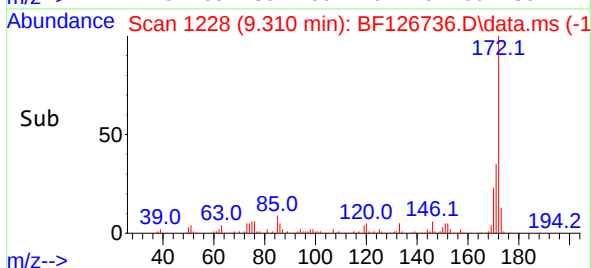
Supervised By :Jagrut Upadhyay 01/31/2022

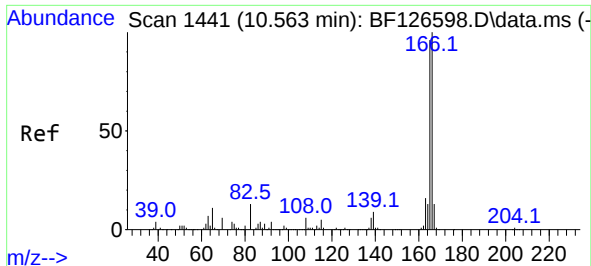


#45
2-Fluorobiphenyl
Concen: 29.239 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF126736.D
Acq: 29 Jan 2022 00:15



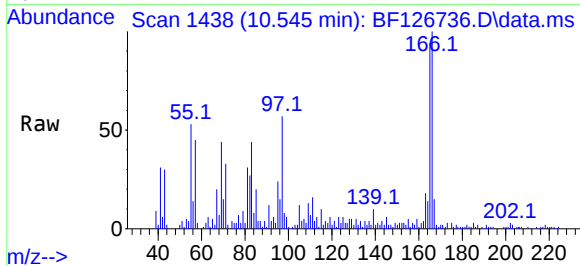
Tgt Ion:172 Resp: 503096
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.1 19.0 28.6





#58
Fluorene
Concen: 2.222 ng
RT: 10.545 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF126736.D
Acq: 29 Jan 2022 00:15

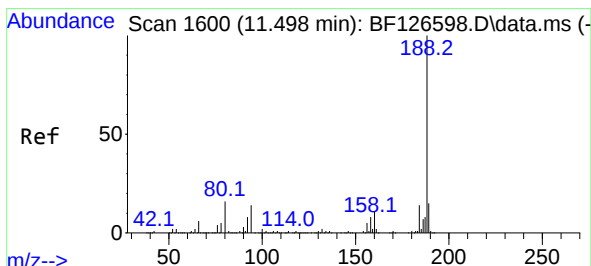
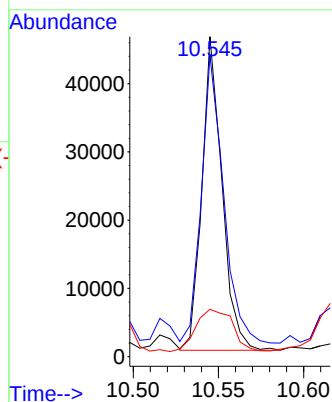
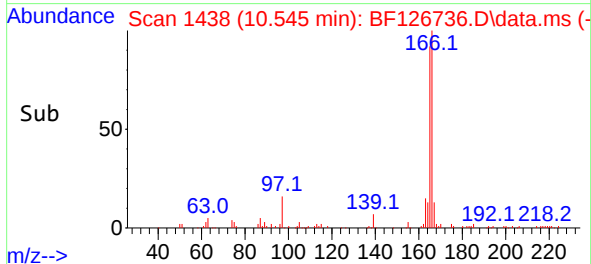
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BNA_F
ClientSampleId :
OK-02-012722



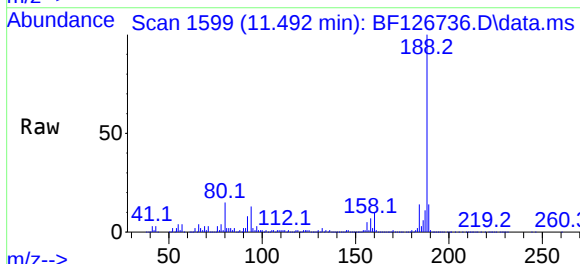
Tgt Ion:166 Resp: 3771
Ion Ratio Lower Upper
166 100
165 94.1 77.7 116.5
167 14.8 10.7 16.1

Manual Integrations
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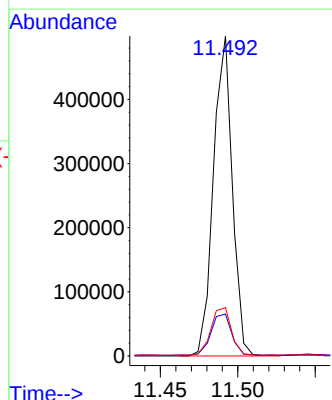
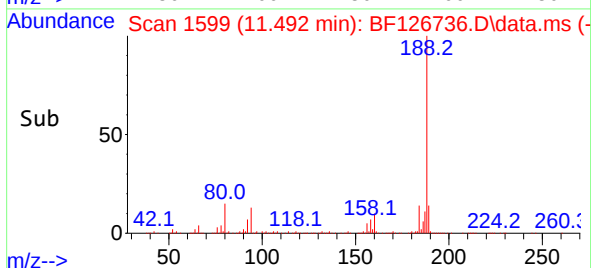
Reviewed By :Christian Giraldo 01/31/2022
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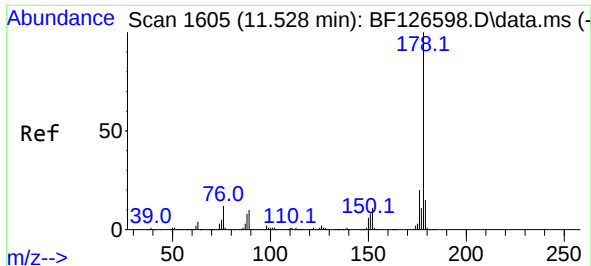


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF126736.D
Acq: 29 Jan 2022 00:15



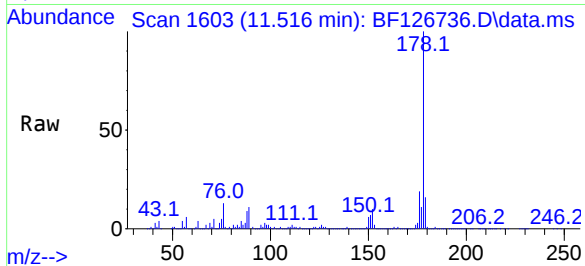
Tgt Ion:188 Resp: 421656
Ion Ratio Lower Upper
188 100
94 13.1 10.1 15.1
80 15.1 11.8 17.6





#71
Phenanthrene
Concen: 17.325 ng
RT: 11.516 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BF126736.D
Acq: 29 Jan 2022 00:15

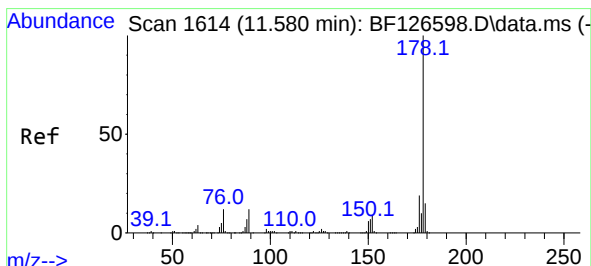
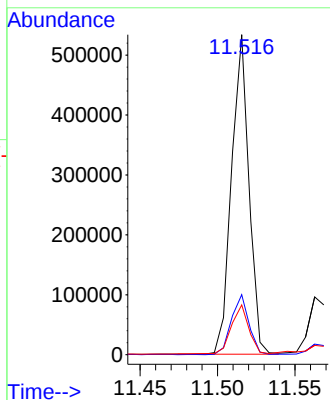
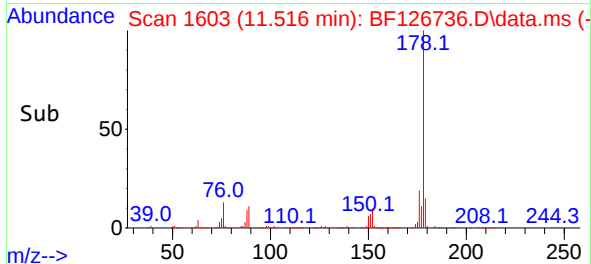
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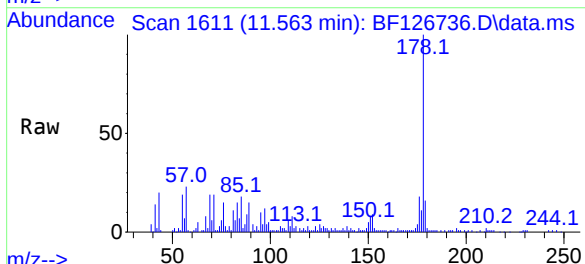
Tgt Ion:178 Resp: 41734
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 15.6 12.3 18.5

Manual Integrations
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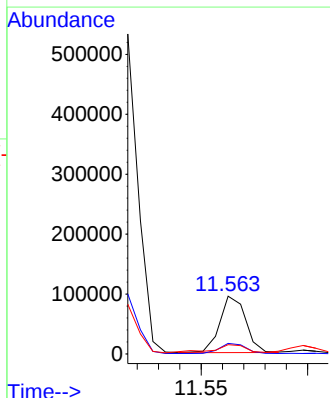
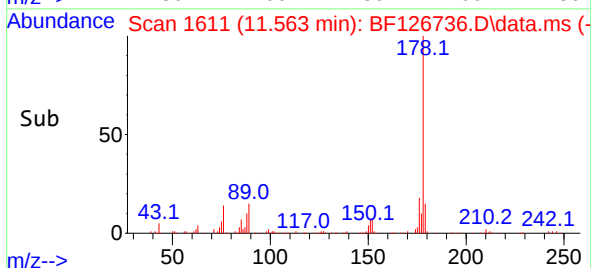
Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022

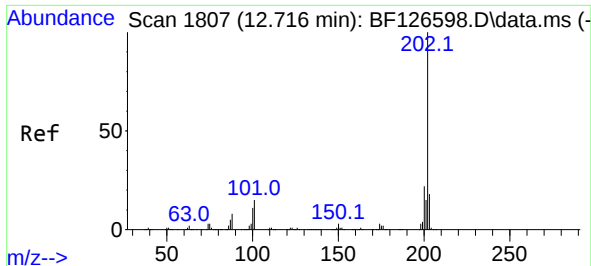


#72
Anthracene
Concen: 3.304 ng
RT: 11.563 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BF126736.D
Acq: 29 Jan 2022 00:15



Tgt Ion:178 Resp: 79852
Ion Ratio Lower Upper
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176 18.3 15.0 22.6
179 16.1 12.5 18.7





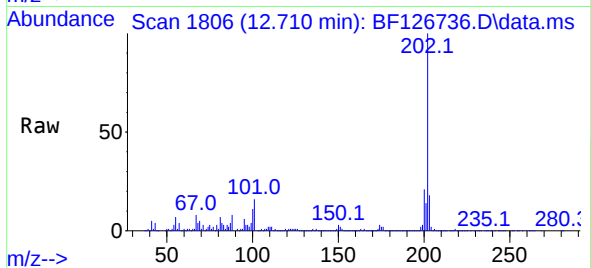
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Fluoranthene
Concen: 23.870 ng
RT: 12.710 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126736.D
Acq: 29 Jan 2022 00:15

Instrument :

BNA_F

ClientSampleId :

OK-02-012722

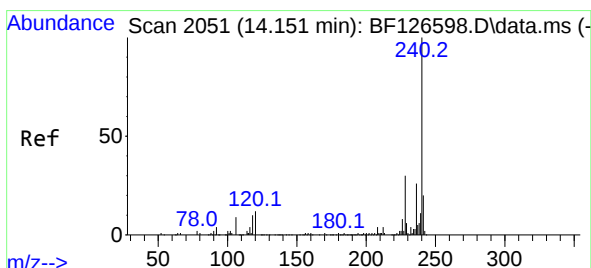
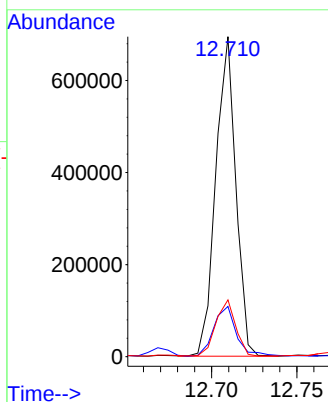
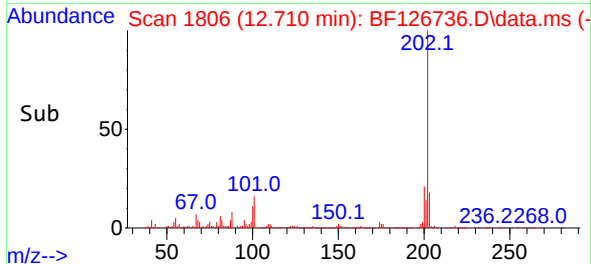


Tgt Ion:202 Resp: 567950
Ion Ratio Lower Upper
202 100
101 15.7 0.0 35.7
203 17.7 0.0 37.1

Manual Integrations

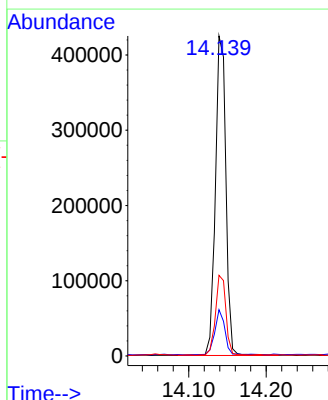
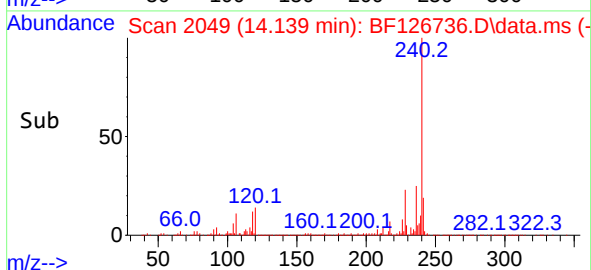
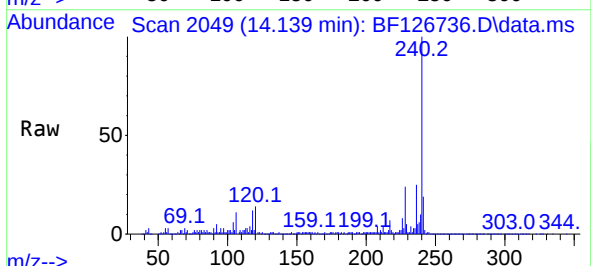
APPROVED

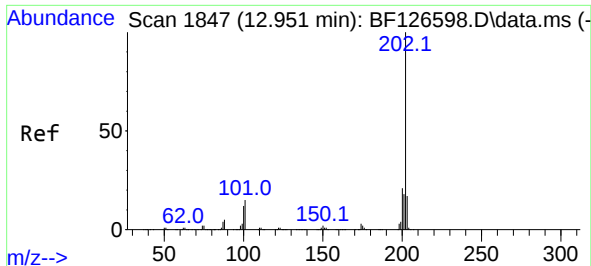
Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF126736.D
Acq: 29 Jan 2022 00:15

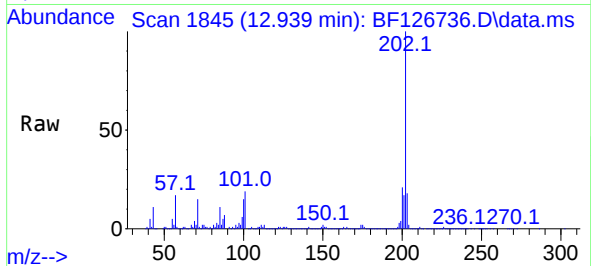
Tgt Ion:240 Resp: 398440
Ion Ratio Lower Upper
240 100
120 14.5 14.4 21.6
236 25.2 20.5 30.7





#78
Pyrene
Concen: 16.201 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BF126736.D
Acq: 29 Jan 2022 00:15

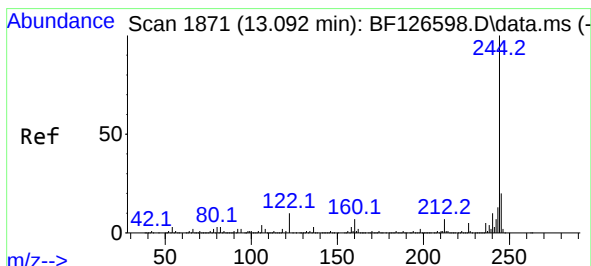
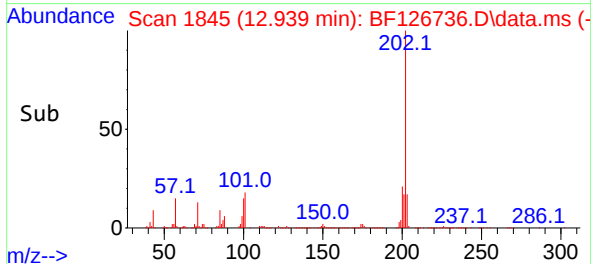
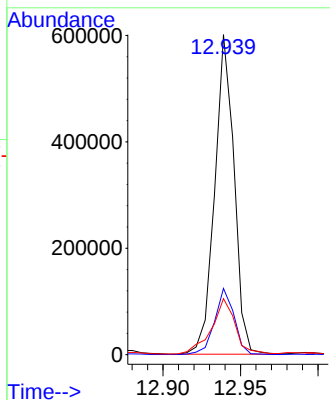
Instrument :
BNA_F
ClientSampleId :
OK-02-012722



Tgt Ion:202 Resp: 52202
Ion Ratio Lower Upper
202 100
200 20.7 16.6 24.8
203 17.5 13.8 20.8

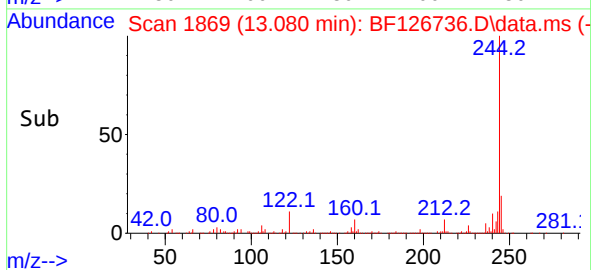
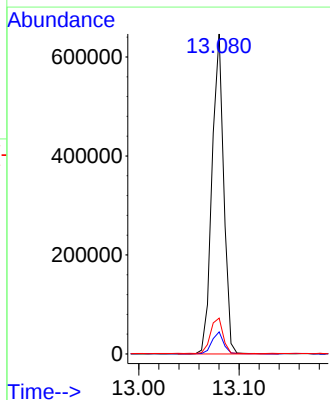
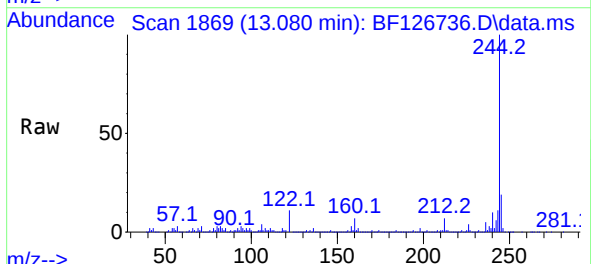
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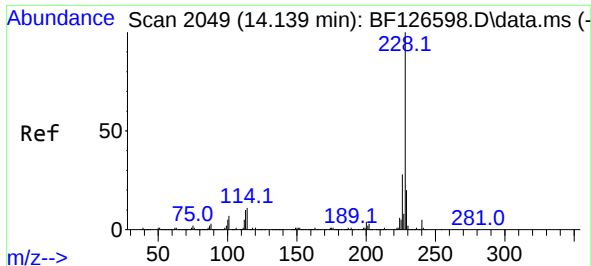
Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022



#79
Terphenyl-d14
Concen: 22.113 ng
RT: 13.080 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BF126736.D
Acq: 29 Jan 2022 00:15

Tgt Ion:244 Resp: 525307
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 11.2 13.3 19.9#





#81

Benzo(a)anthracene

Concen: 9.206 ng m

RT: 14.133 min Scan# 2049

Delta R.T. -0.000 min

Lab File: BF126736.D

Acq: 29 Jan 2022 00:15

Instrument :

BNA_F

ClientSampleId :

OK-02-012722

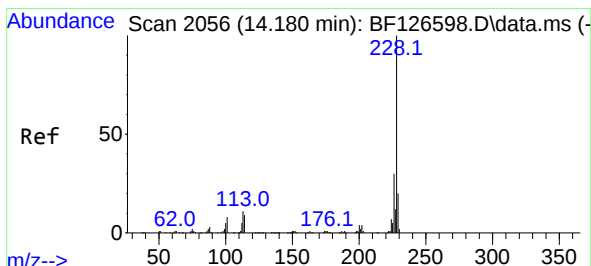
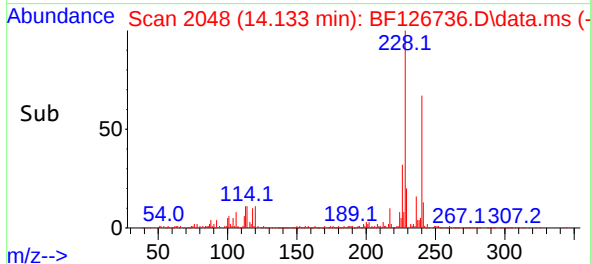
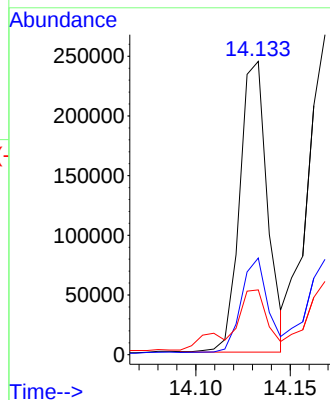
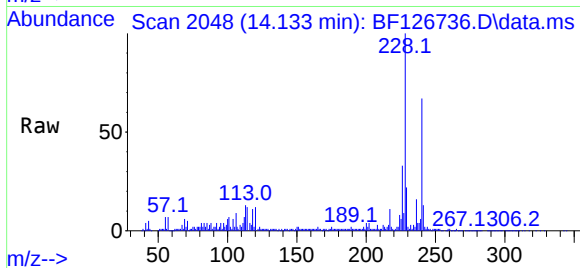
Tgt Ion:228 Resp: 249312
 Ion Ratio Lower Upper
 228 100
 226 32.9 21.4 32.0
 229 22.1 15.4 23.2

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Reviewed By :Christian Giraldo 01/31/2022

Supervised By :Jagrut Upadhyay 01/31/2022



#83

Chrysene

Concen: 10.035 ng

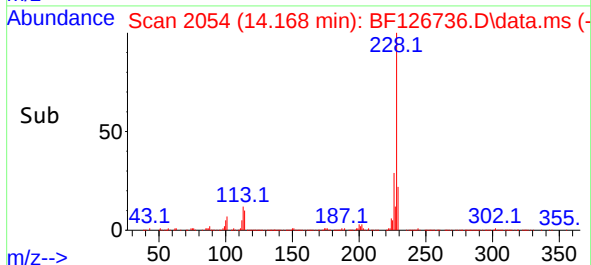
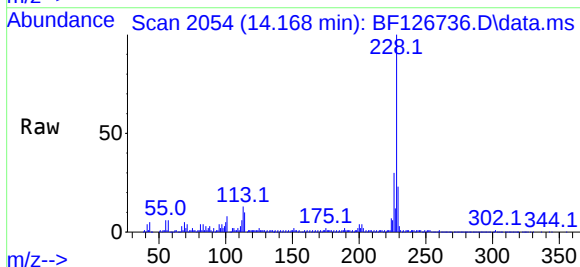
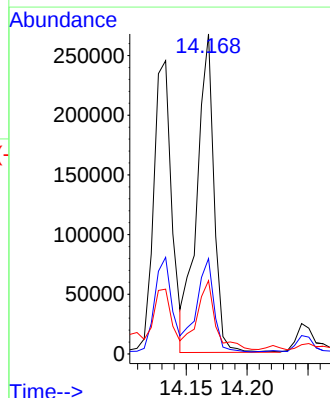
RT: 14.168 min Scan# 2054

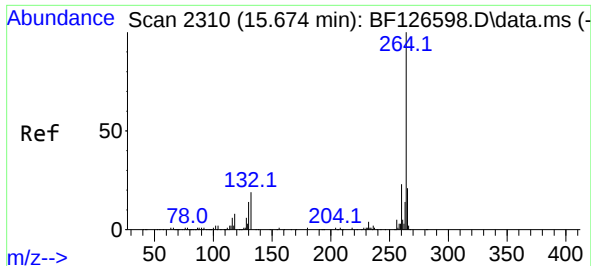
Delta R.T. -0.000 min

Lab File: BF126736.D

Acq: 29 Jan 2022 00:15

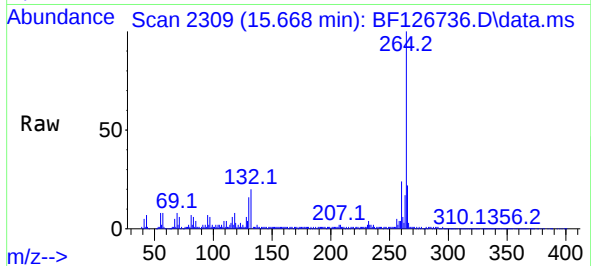
Tgt Ion:228 Resp: 261503
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.7 35.5
 229 22.9 15.5 23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126736.D
Acq: 29 Jan 2022 00:15

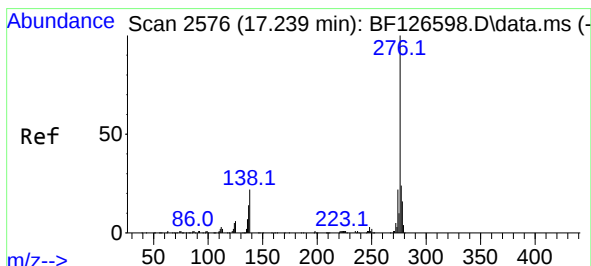
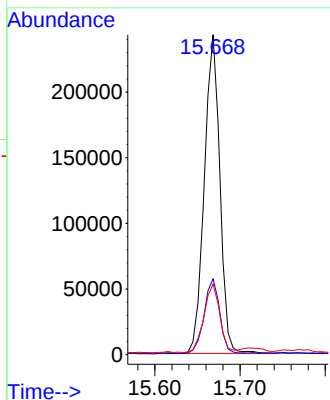
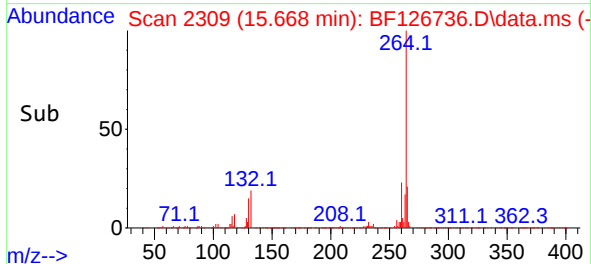
Instrument :
BNA_F
ClientSampleId :
OK-02-012722



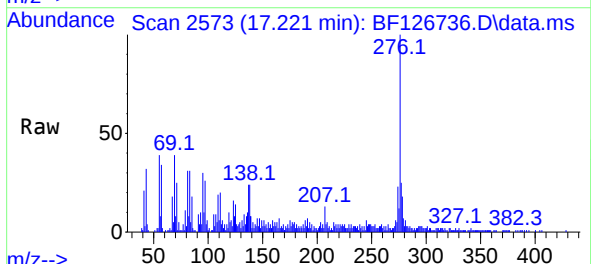
Tgt Ion:264 Resp: 30757
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 22.1 17.4 26.2

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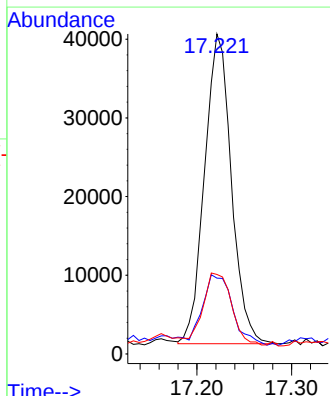
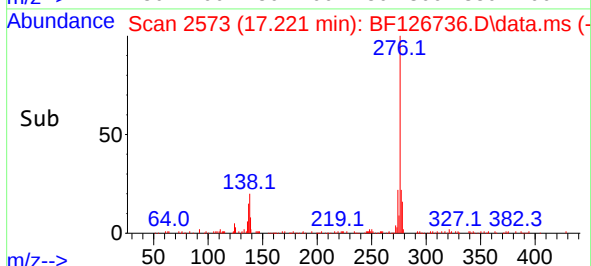
Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022

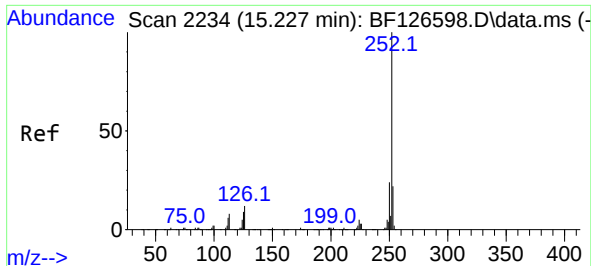


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.080 ng
RT: 17.221 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BF126736.D
Acq: 29 Jan 2022 00:15



Tgt Ion:276 Resp: 77532
Ion Ratio Lower Upper
276 100
138 25.7 29.2 43.8#
277 24.5 19.8 29.8





#88
Benzo(b)fluoranthene
Concen: 12.788 ng m
RT: 15.209 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF126736.D
Acq: 29 Jan 2022 00:15

Instrument :

BNA_F

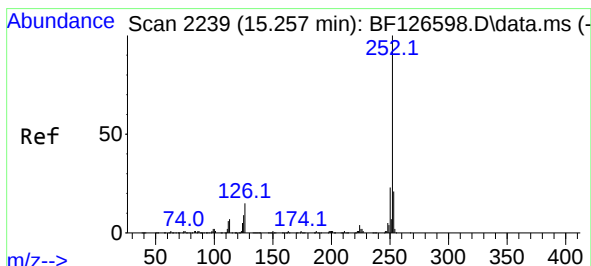
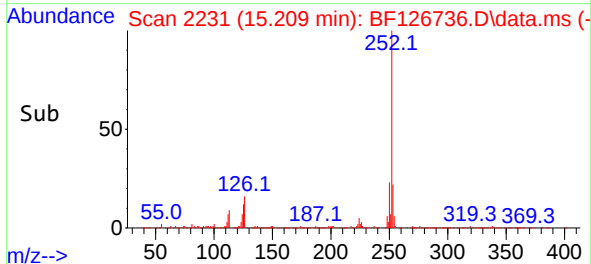
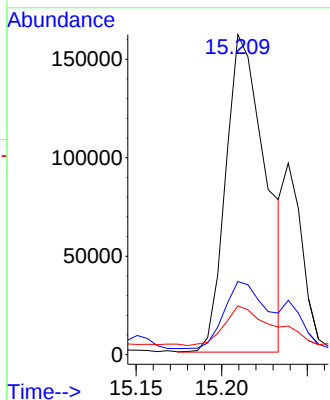
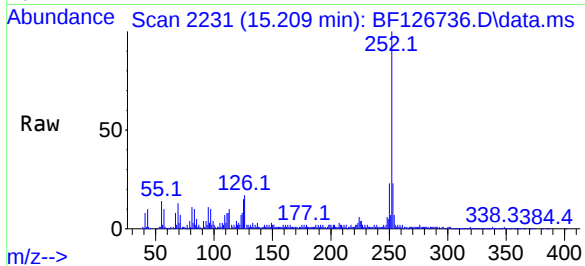
ClientSampleId :

OK-02-012722

Tgt Ion:252 Resp: 260834
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 15.2 12.4 18.6

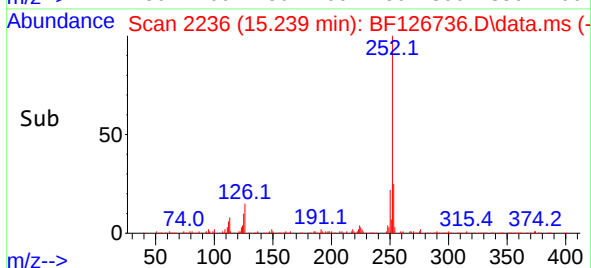
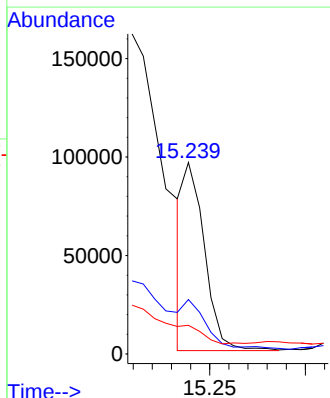
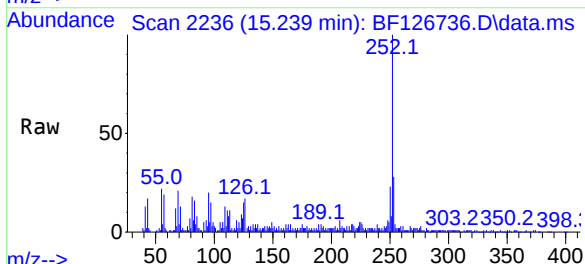
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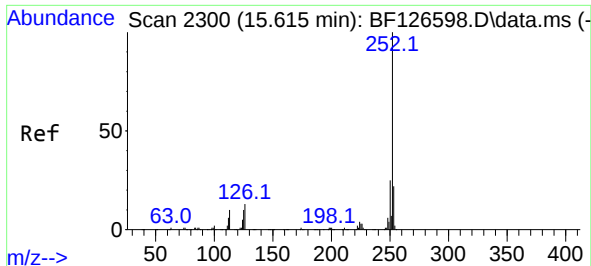
Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022



#89
Benzo(k)fluoranthene
Concen: 3.655 ng m
RT: 15.239 min Scan# 2236
Delta R.T. -0.000 min
Lab File: BF126736.D
Acq: 29 Jan 2022 00:15

Tgt Ion:252 Resp: 73195
Ion Ratio Lower Upper
252 100
253 28.4 17.5 26.3#
125 14.9 11.8 17.6





#90
Benzo(a)pyrene
Concen: 10.110 ng
RT: 15.598 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF126736.D
Acq: 29 Jan 2022 00:15

Instrument :

BNA_F

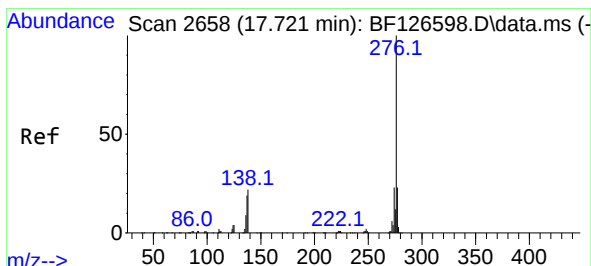
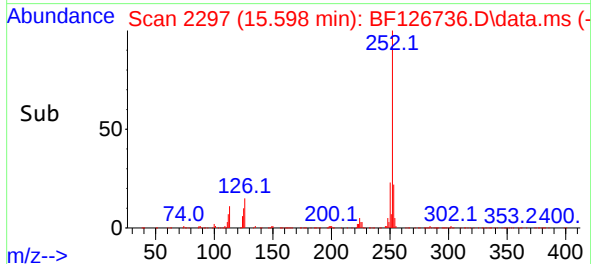
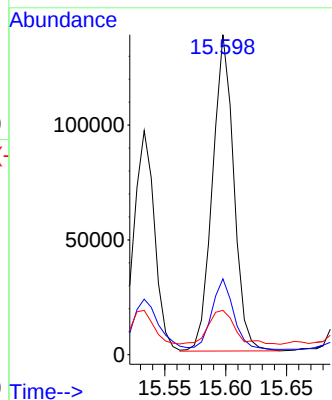
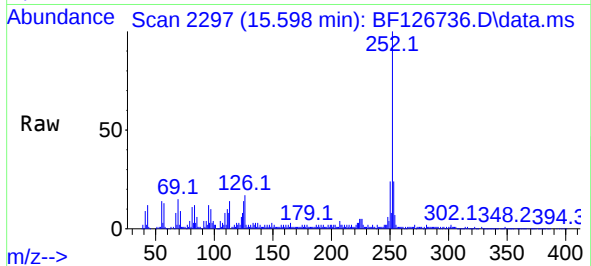
ClientSampleId :

OK-02-012722

Tgt Ion:252 Resp: 167784
Ion Ratio Lower Upper
252 100
253 23.7 17.1 25.7
125 13.9 13.0 19.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022



#92
Benzo(g,h,i)perylene
Concen: 5.227 ng
RT: 17.698 min Scan# 2654
Delta R.T. -0.000 min
Lab File: BF126736.D
Acq: 29 Jan 2022 00:15

Tgt Ion:276 Resp: 80684
Ion Ratio Lower Upper
276 100
277 25.9 18.5 27.7
138 25.1 25.9 38.9#

