

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
 Data File : BF126701.D
 Acq On : 26 Jan 2022 21:51
 Operator : CG/JU
 Sample : N1266-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-09-(2.8-3.6)

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/27/2022
 Supervised By : Jagrut Upadhyay 01/27/2022

Quant Time: Jan 27 03:15:27 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	168723	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	666287	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	362097	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	591301	20.000	ng	# 0.00
76) Chrysene-d12	14.133	240	314416	20.000	ng	#-0.01
86) Perylene-d12	15.657	264	239063	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	937740	73.136	ng	0.00
7) Phenol-d6	6.569	99	1457147	81.796	ng	0.00
23) Nitrobenzene-d5	7.516	82	1011473	59.419	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	272068	80.288	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1327429	56.144	ng	0.00
79) Terphenyl-d14	13.080	244	1196918	63.850	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.510	178	84730	2.508	ng	98
75) Fluoranthene	12.704	202	128316	3.846	ng	98
78) Pyrene	12.933	202	123698	4.865	ng	100
81) Benzo(a)anthracene	14.121	228	52706	2.466	ng	95
83) Chrysene	14.163	228	60522	2.943	ng	99
88) Benzo(b)fluoranthene	15.204	252	76129m	4.802	ng	
90) Benzo(a)pyrene	15.586	252	45211m	3.505	ng	
92) Benzo(g,h,i)perylene	17.674	276	34994m	2.917	ng	

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

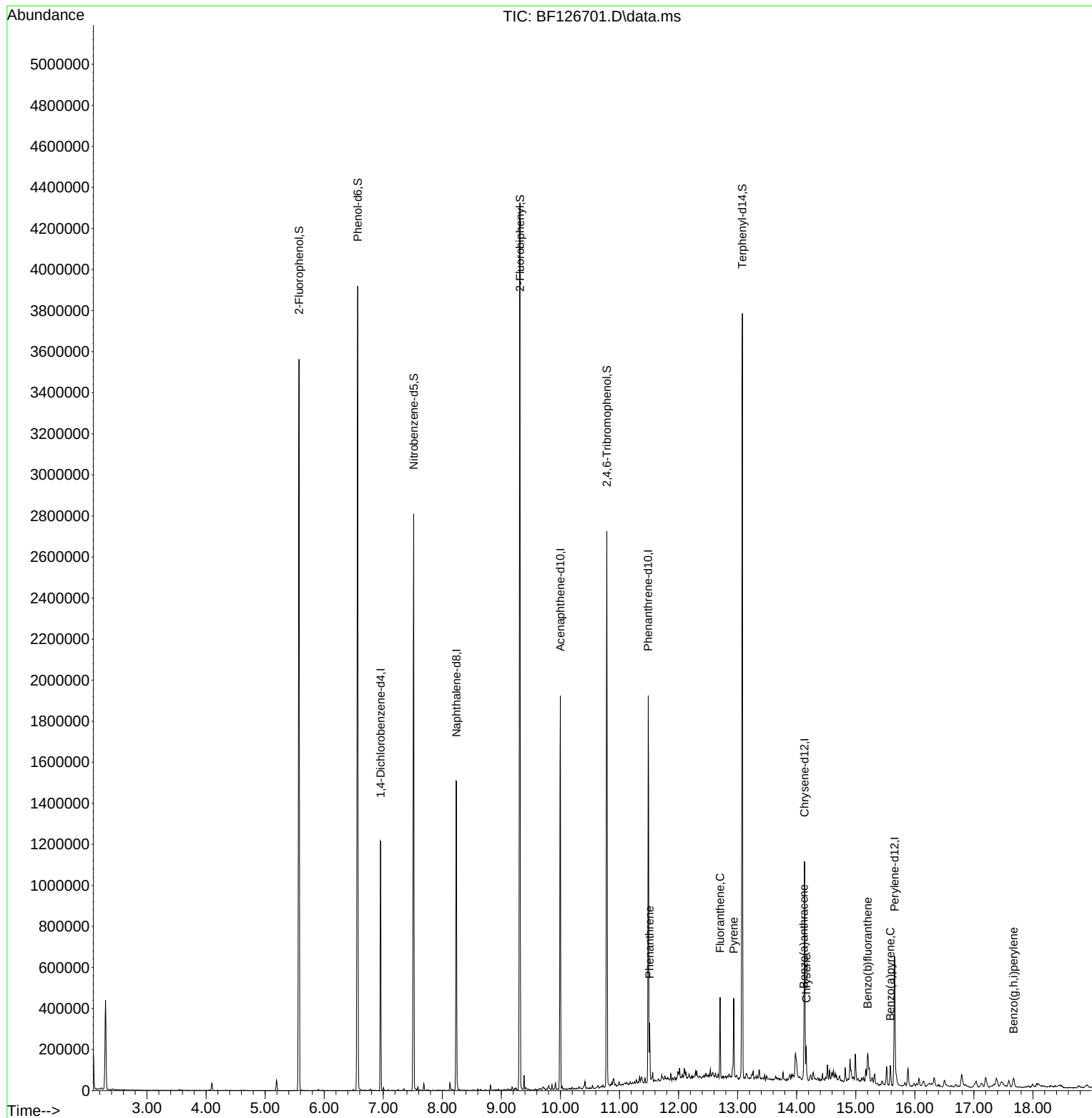
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
Data File : BF126701.D
Acq On : 26 Jan 2022 21:51
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ALS Vial : 24 Sample Multiplier: 1

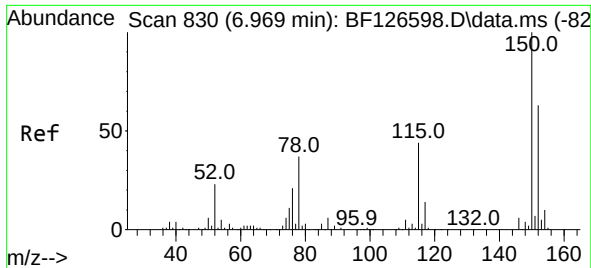
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Quant Time: Jan 27 03:15:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 27 03:09:40 2022
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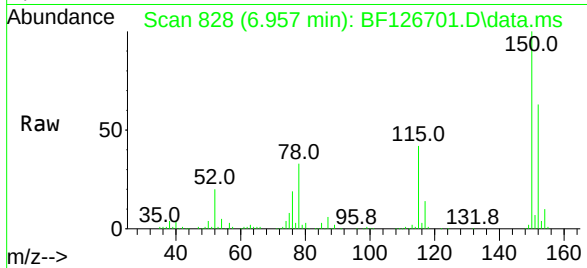
Reviewed By : Christian Giraldo 01/27/2022
Supervised By : Jagrut Upadhyay 01/27/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126701.D
Acq: 26 Jan 2022 21:51

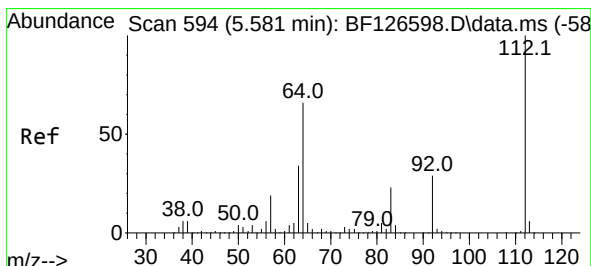
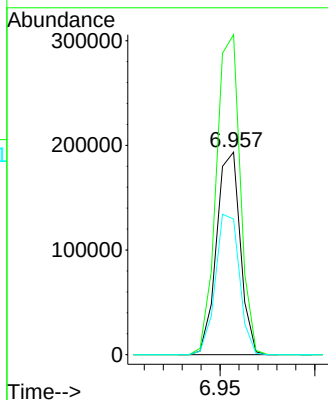
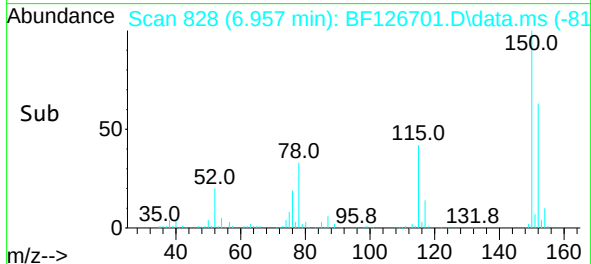
Instrument :
BNA_F
ClientSampleId :
RB-09-(2.8-3.6)



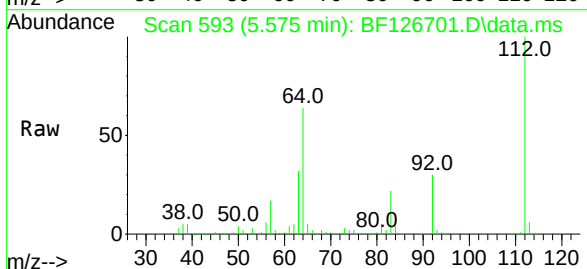
Tgt Ion:152 Resp: 16872
Ion Ratio Lower Upper
152 100
150 158.0 128.1 192.1
115 67.0 56.7 85.1

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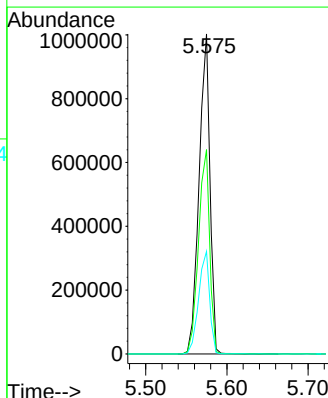
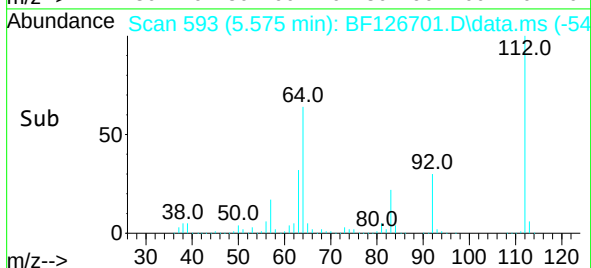
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Supervised By :Jagrut Upadhyay 01/27/2022

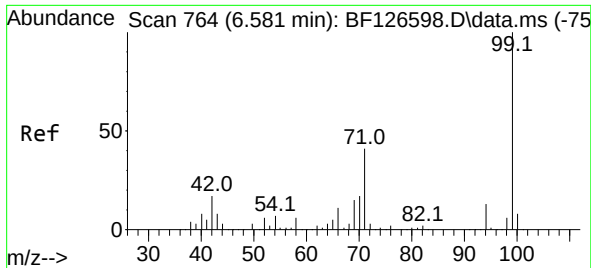


#5
2-Fluorophenol
Concen: 73.136 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.006 min
Lab File: BF126701.D
Acq: 26 Jan 2022 21:51



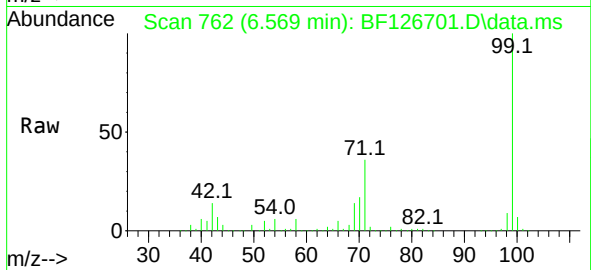
Tgt Ion:112 Resp: 937740
Ion Ratio Lower Upper
112 100
64 63.8 49.5 74.3
63 32.1 23.9 35.9





#7
Phenol-d6
Concen: 81.796 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126701.D
Acq: 26 Jan 2022 21:51

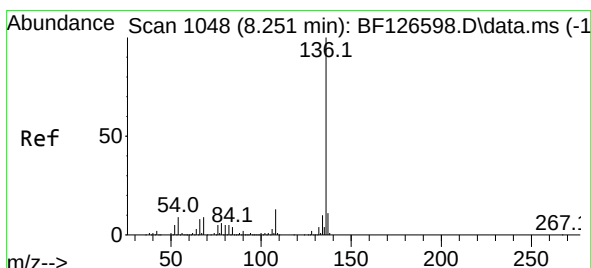
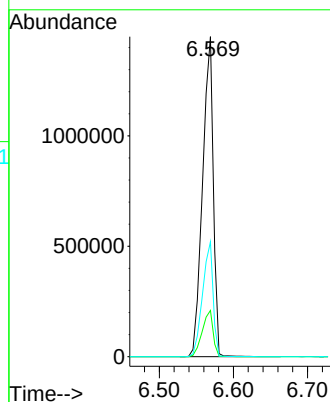
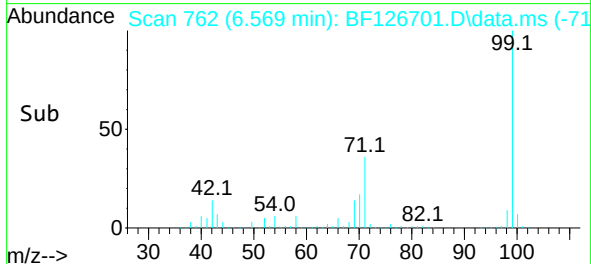
Instrument :
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ClientSampleId :
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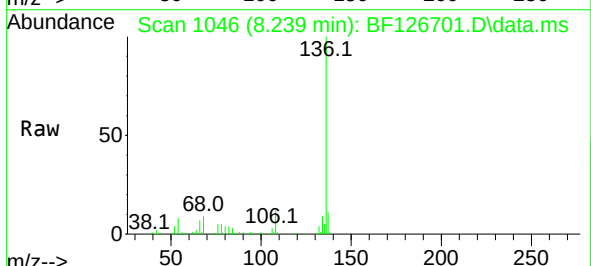
Tgt Ion: 99 Resp: 145714
Ion Ratio Lower Upper
99 100
42 14.4 14.2 21.4
71 35.9 24.3 36.5

Manual Integrations
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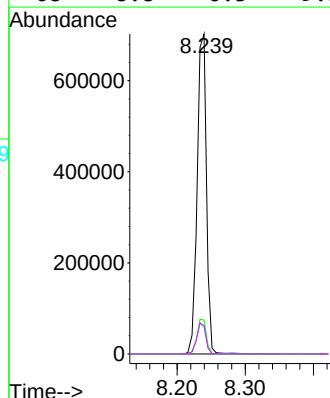
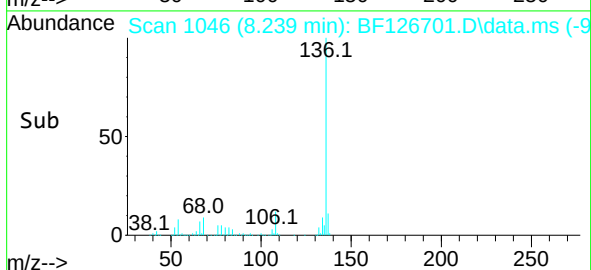
Reviewed By :Christian Giraldo 01/27/2022
Supervised By :Jagrut Upadhyay 01/27/2022

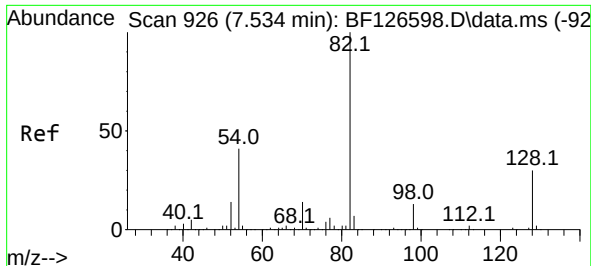


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126701.D
Acq: 26 Jan 2022 21:51



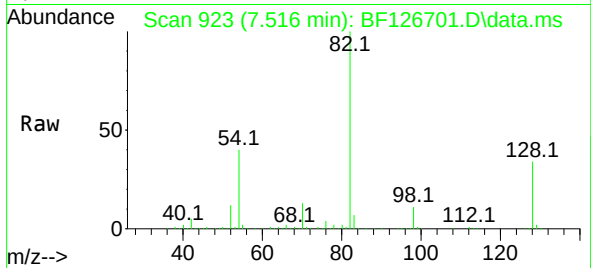
Tgt Ion:136 Resp: 666287
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.3 7.8 11.6
68 8.8 6.3 9.5





#23
Nitrobenzene-d5
Concen: 59.419 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126701.D
Acq: 26 Jan 2022 21:51

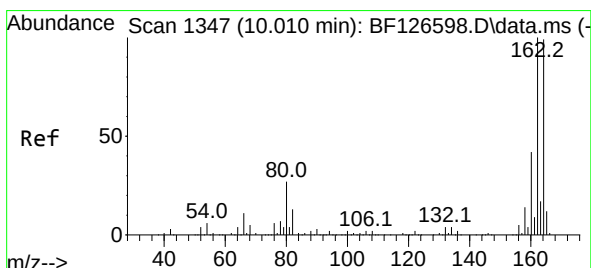
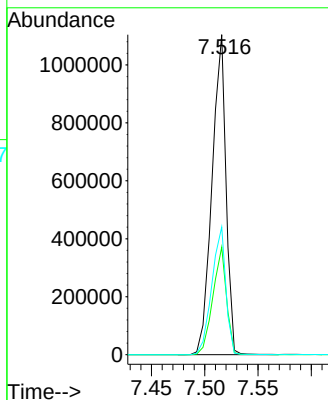
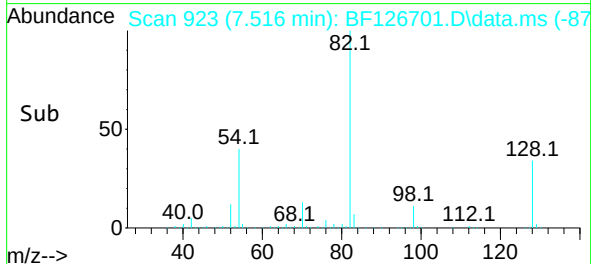
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 82 Resp: 101147
Ion Ratio Lower Upper
82 100
128 33.6 32.7 49.1
54 39.9 41.7 62.5

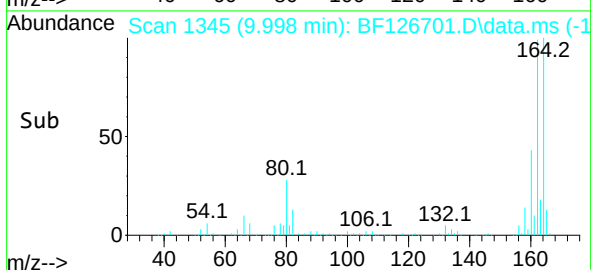
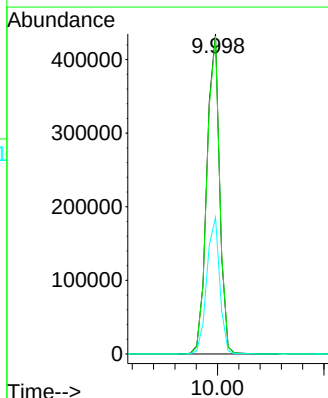
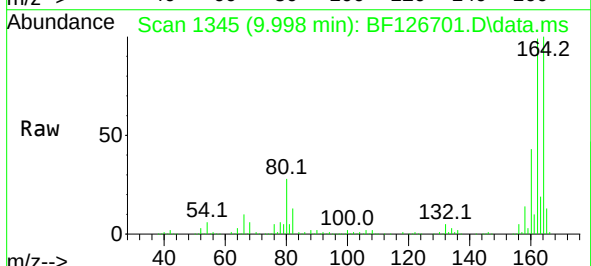
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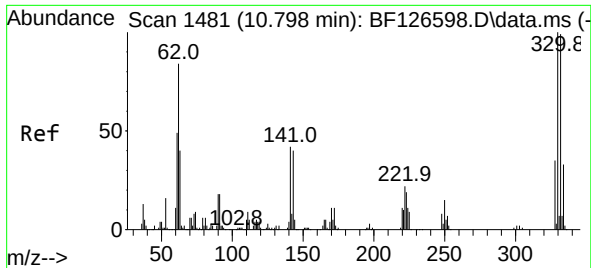
Reviewed By :Christian Giraldo 01/27/2022
Supervised By :Jagrut Upadhyay 01/27/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF126701.D
Acq: 26 Jan 2022 21:51

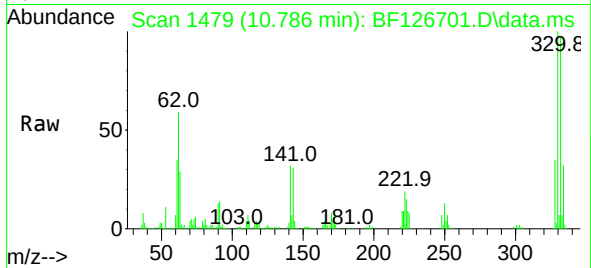
Tgt Ion:164 Resp: 362097
Ion Ratio Lower Upper
164 100
162 99.2 81.4 122.0
160 42.7 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 80.288 ng
RT: 10.786 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF126701.D
Acq: 26 Jan 2022 21:51

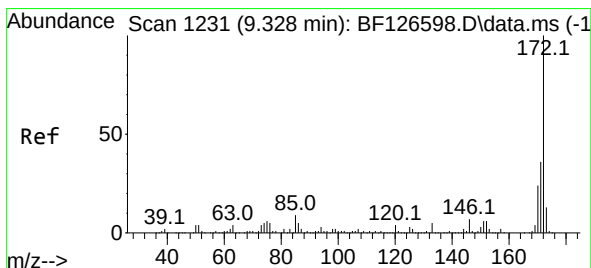
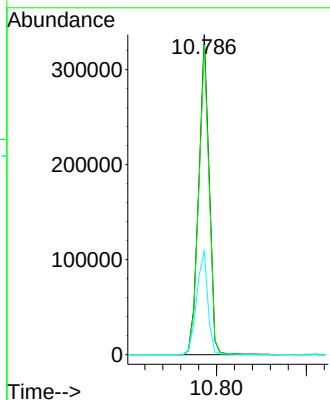
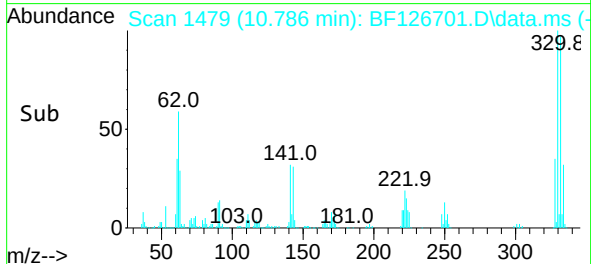
Instrument :
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ClientSampleId :
RB-09-(2.8-3.6)



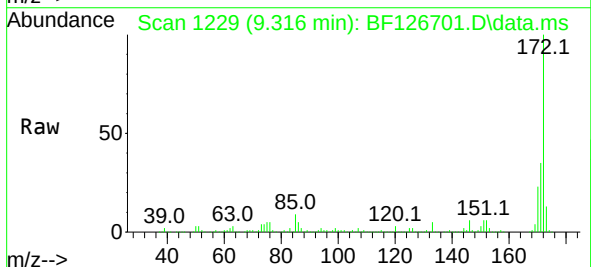
Tgt Ion: 330 Resp: 272068
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 34.6 30.1 45.1

Manual Integrations
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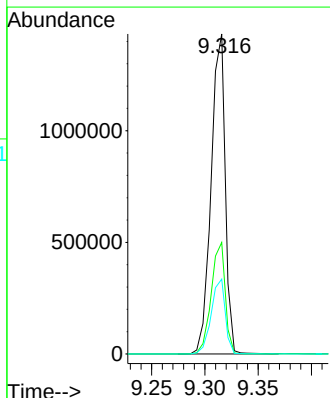
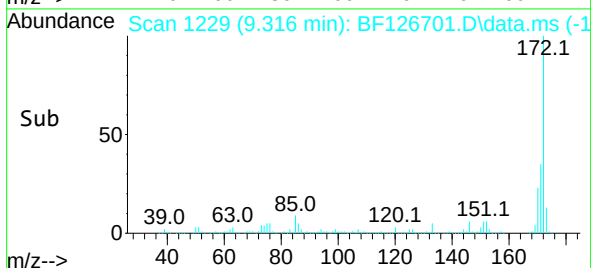
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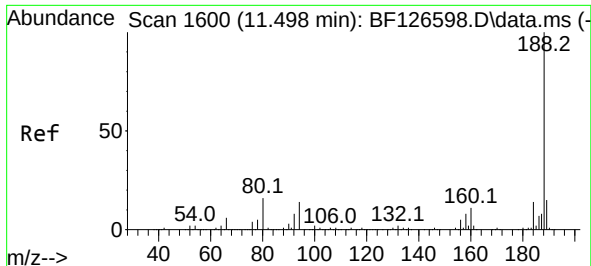


#45
2-Fluorobiphenyl
Concen: 56.144 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF126701.D
Acq: 26 Jan 2022 21:51



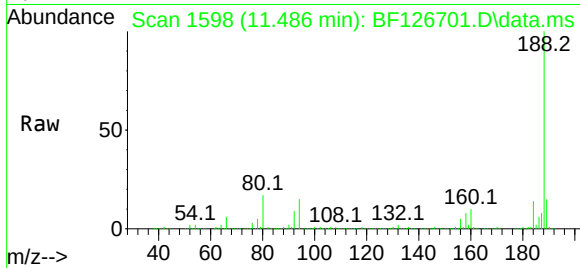
Tgt Ion: 172 Resp: 1327429
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.4 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF126701.D
Acq: 26 Jan 2022 21:51

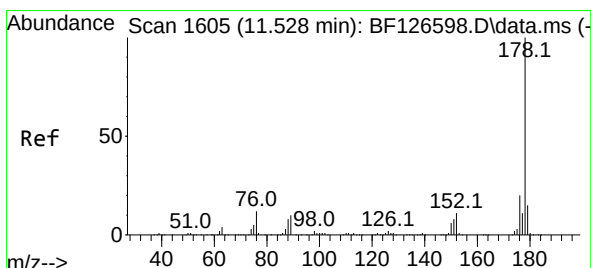
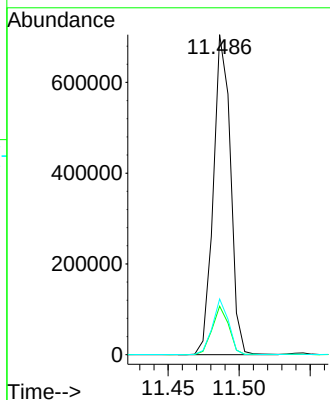
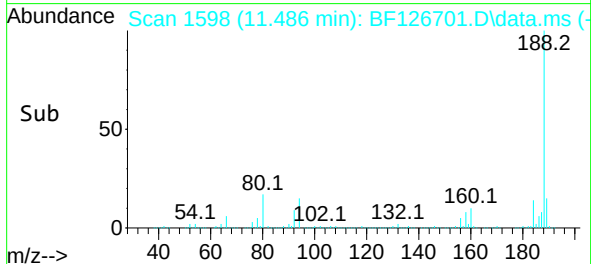
Instrument :
BNA_F
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RB-09-(2.8-3.6)



Tgt Ion:188 Resp: 59130
Ion Ratio Lower Upper
188 100
94 15.2 10.1 15.1
80 17.4 11.8 17.6

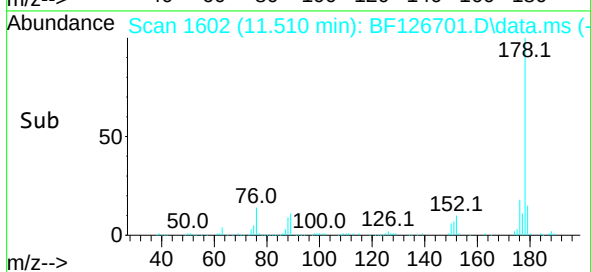
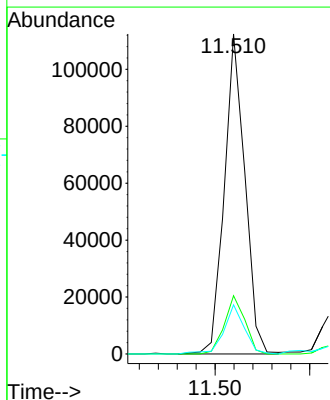
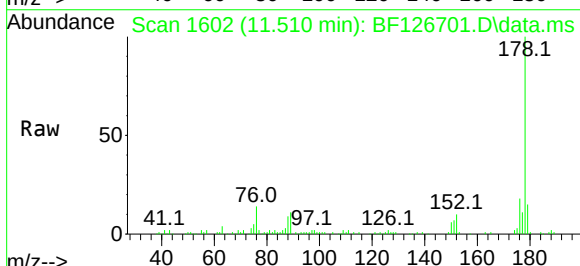
Manual Integrations
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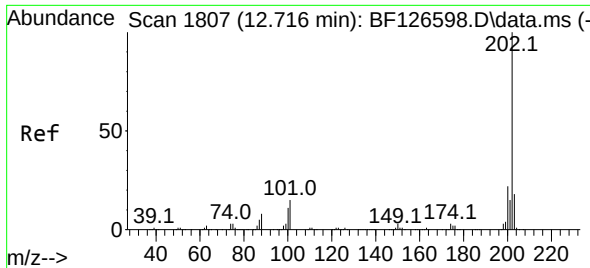
Reviewed By :Christian Giraldo 01/27/2022
Supervised By :Jagrut Upadhyay 01/27/2022



#71
Phenanthrene
Concen: 2.508 ng
RT: 11.510 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BF126701.D
Acq: 26 Jan 2022 21:51

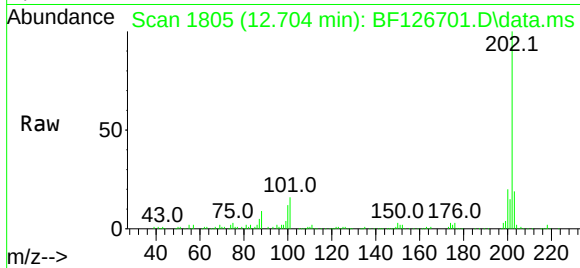
Tgt Ion:178 Resp: 84730
Ion Ratio Lower Upper
178 100
176 18.2 15.7 23.5
179 15.3 12.3 18.5





#75
Fluoranthene
Concen: 3.846 ng
RT: 12.704 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126701.D
Acq: 26 Jan 2022 21:51

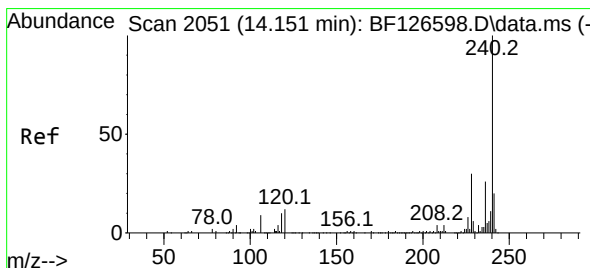
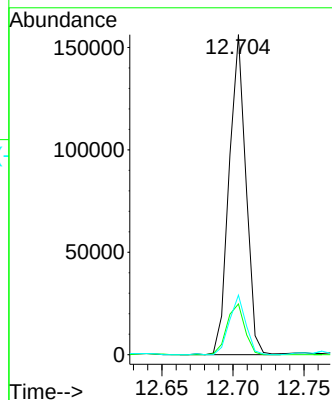
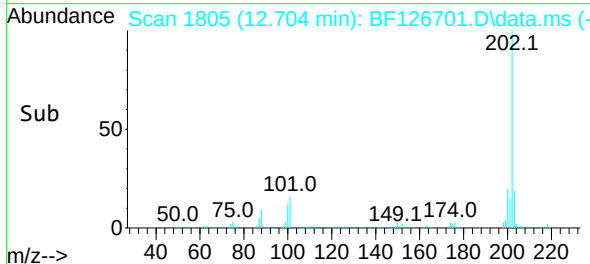
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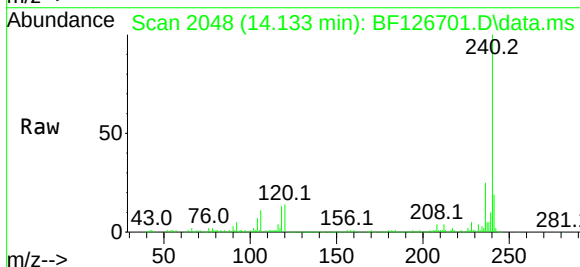
Tgt Ion:202 Resp: 128310
Ion Ratio Lower Upper
202 100
101 15.8 0.0 35.7
203 18.6 0.0 37.1

Manual Integrations
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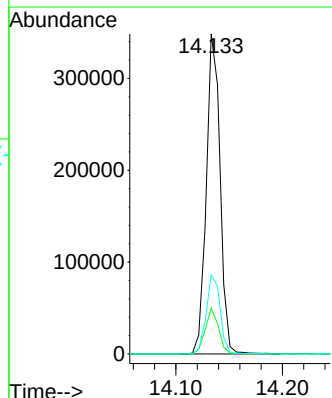
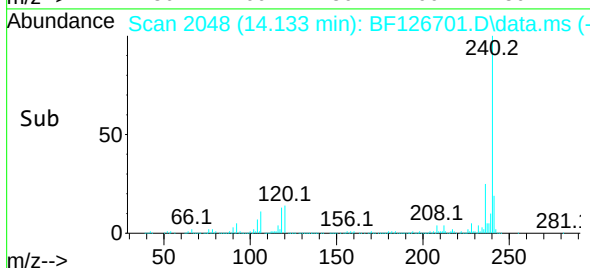
Reviewed By :Christian Giraldo 01/27/2022
Supervised By :Jagrut Upadhyay 01/27/2022

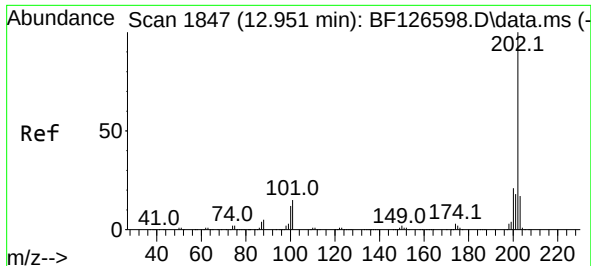


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.012 min
Lab File: BF126701.D
Acq: 26 Jan 2022 21:51



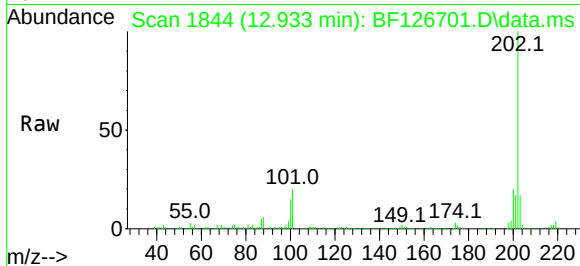
Tgt Ion:240 Resp: 314416
Ion Ratio Lower Upper
240 100
120 14.3 14.4 21.6#
236 24.7 20.5 30.7





#78
Pyrene
Concen: 4.865 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF126701.D
Acq: 26 Jan 2022 21:51

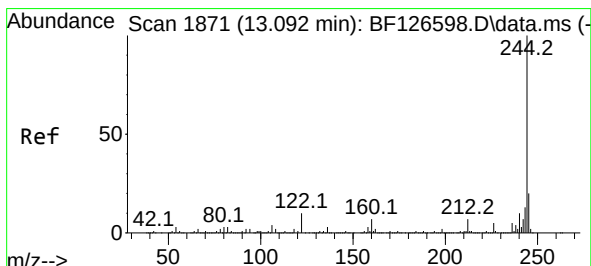
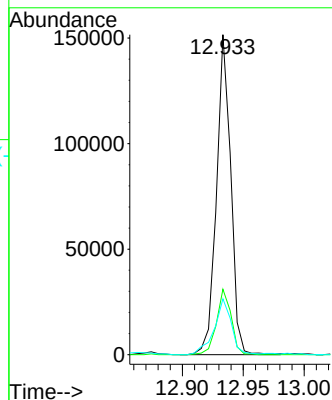
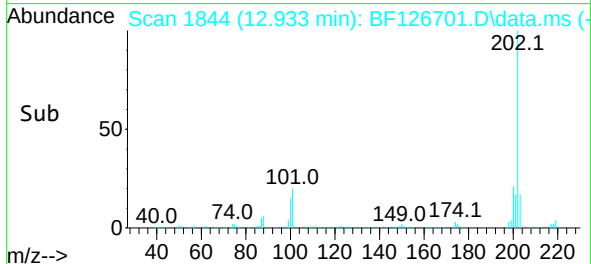
Instrument :
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RB-09-(2.8-3.6)



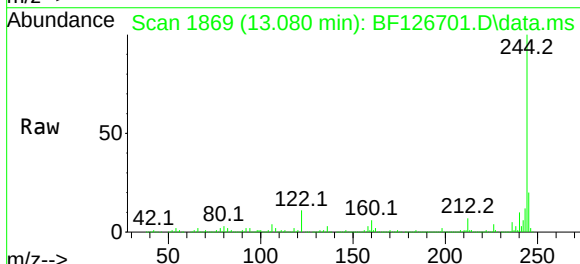
Tgt Ion:202 Resp: 123698
Ion Ratio Lower Upper
202 100
200 20.4 16.6 24.8
203 17.4 13.8 20.8

Manual Integrations
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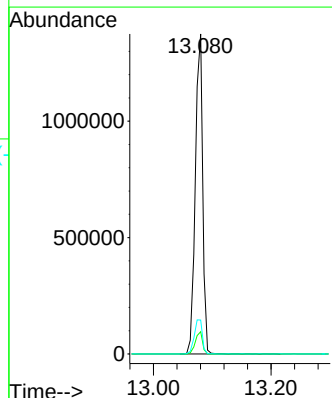
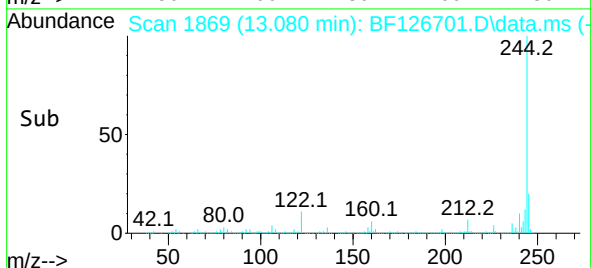
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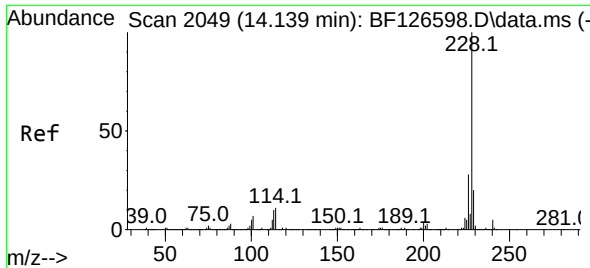


#79
Terphenyl-d14
Concen: 63.850 ng
RT: 13.080 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BF126701.D
Acq: 26 Jan 2022 21:51



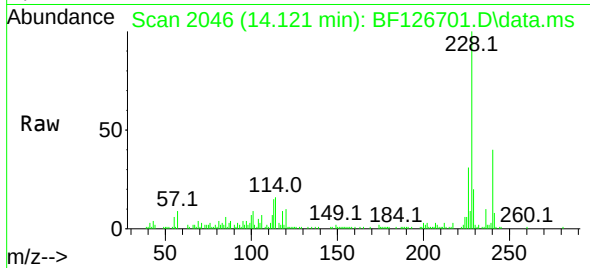
Tgt Ion:244 Resp: 1196918
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 10.6 13.3 19.9#





#81
Benzo(a)anthracene
Concen: 2.466 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.012 min
Lab File: BF126701.D
Acq: 26 Jan 2022 21:51

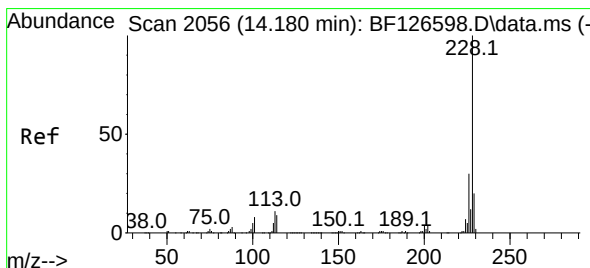
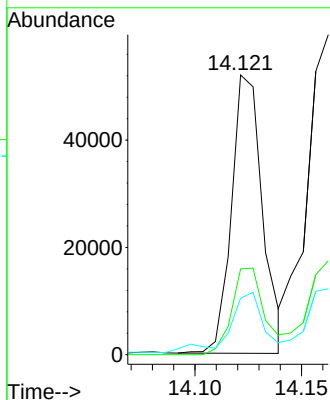
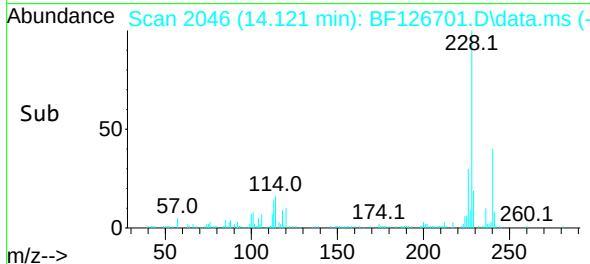
Instrument :
BNA_F
ClientSampleId :
RB-09-(2.8-3.6)



Tgt Ion:228 Resp: 52700
Ion Ratio Lower Upper
228 100
226 30.7 21.4 32.0
229 20.2 15.4 23.2

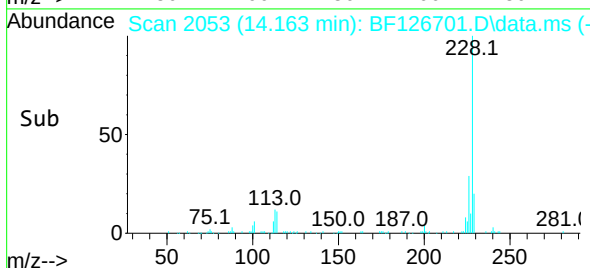
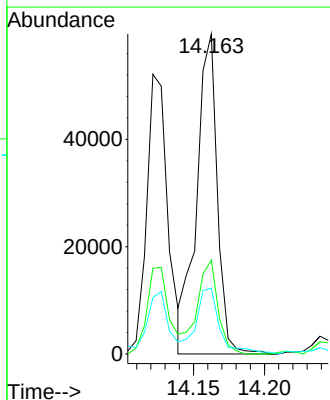
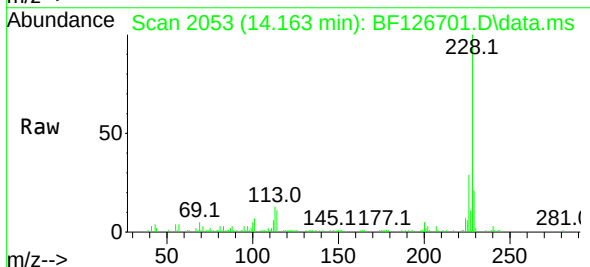
Manual Integrations
APPROVED

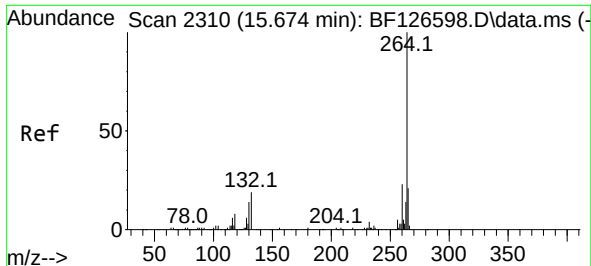
Reviewed By :Christian Giraldo 01/27/2022
Supervised By :Jagrut Upadhyay 01/27/2022



#83
Chrysene
Concen: 2.943 ng
RT: 14.163 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BF126701.D
Acq: 26 Jan 2022 21:51

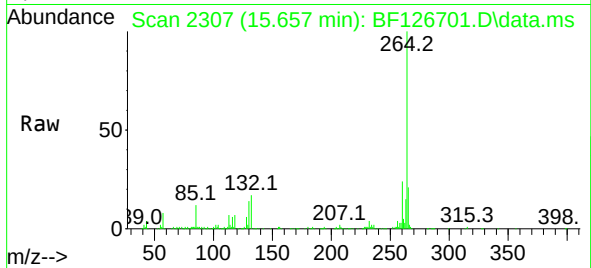
Tgt Ion:228 Resp: 60522
Ion Ratio Lower Upper
228 100
226 29.4 23.7 35.5
229 20.6 15.5 23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126701.D
Acq: 26 Jan 2022 21:51

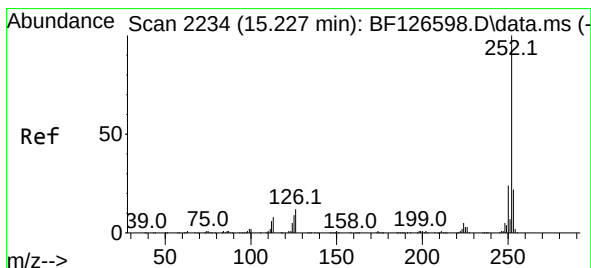
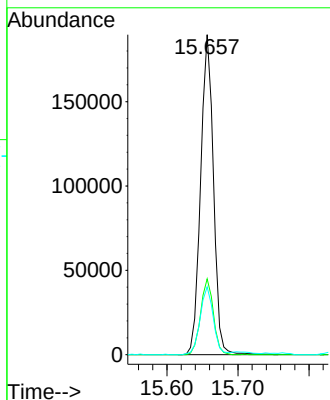
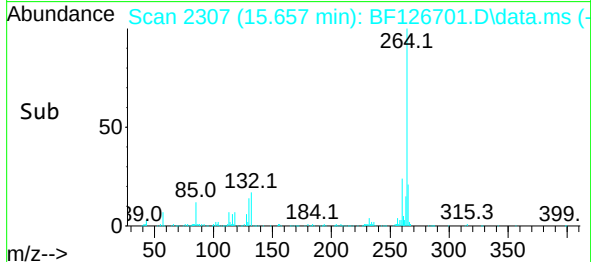
Instrument :
BNA_F
ClientSampleId :
RB-09-(2.8-3.6)



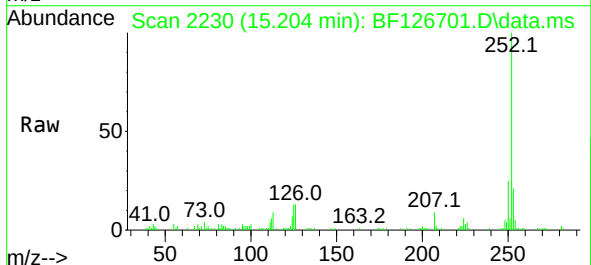
Tgt Ion:264 Resp: 23906
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.2 17.4 26.2

Manual Integrations
APPROVED

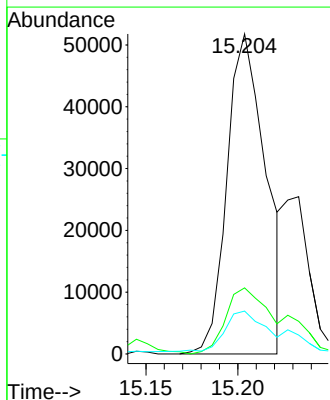
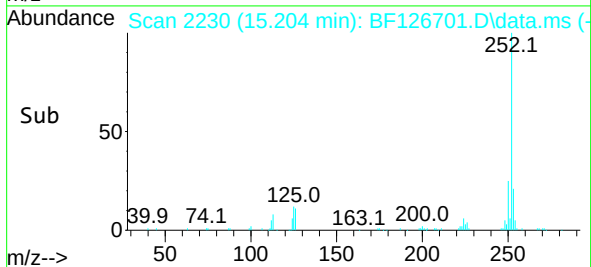
Reviewed By :Christian Giraldo 01/27/2022
Supervised By :Jagrut Upadhyay 01/27/2022

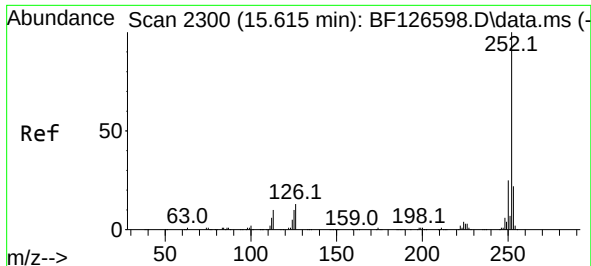


#88
Benzo(b)fluoranthene
Concen: 4.802 ng m
RT: 15.204 min Scan# 2230
Delta R.T. -0.006 min
Lab File: BF126701.D
Acq: 26 Jan 2022 21:51



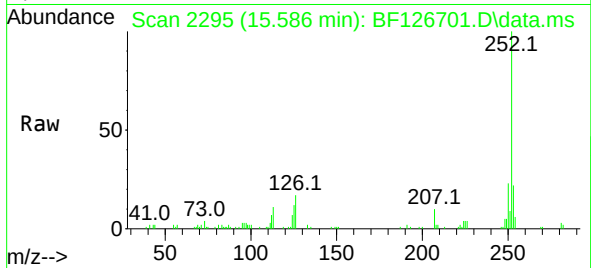
Tgt Ion:252 Resp: 76129
Ion Ratio Lower Upper
252 100
253 20.6 17.8 26.8
125 13.4 12.4 18.6





#90
Benzo(a)pyrene
Concen: 3.505 ng m
RT: 15.586 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF126701.D
Acq: 26 Jan 2022 21:51

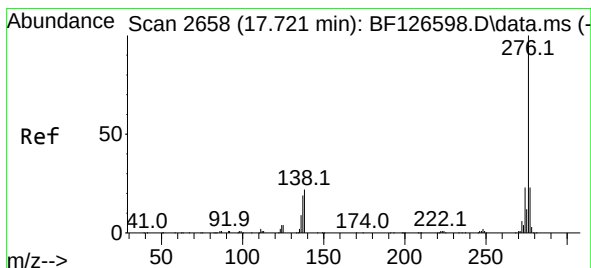
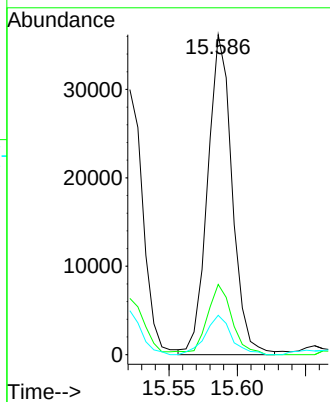
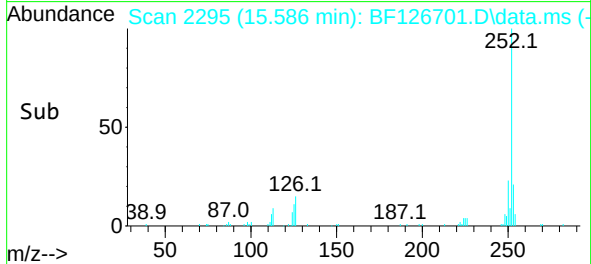
Instrument :
BNA_F
ClientSampleId :
RB-09-(2.8-3.6)



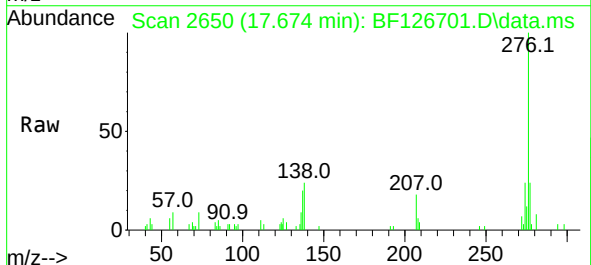
Tgt Ion:252 Resp: 4521
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 12.3 13.0 19.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/27/2022
Supervised By :Jagrut Upadhyay 01/27/2022



#92
Benzo(g,h,i)perylene
Concen: 2.917 ng m
RT: 17.674 min Scan# 2650
Delta R.T. -0.024 min
Lab File: BF126701.D
Acq: 26 Jan 2022 21:51



Tgt Ion:276 Resp: 34994
Ion Ratio Lower Upper
276 100
277 24.4 18.5 27.7
138 24.1 25.9 38.9#

