

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129106.D
 Acq On : 01 Jul 2022 22:29
 Operator : CG\JU
 Sample : N3562-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10A

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/05/2022
 Supervised By : Jagrut Upadhyay 07/05/2022

Quant Time: Jul 02 01:27:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	364513	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1371595	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	691273	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1092653	20.000	ng	0.00
76) Chrysene-d12	14.139	240	733226	20.000	ng	-0.01
86) Perylene-d12	15.662	264	727263	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1860302	86.282	ng	0.00
7) Phenol-d6	6.575	99	2325806	86.856	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1440659	62.650	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	581847	77.409	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	2706586	62.637	ng	0.00
79) Terphenyl-d14	13.080	244	2303312	65.234	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.516	178	628265	12.034	ng	98
72) Anthracene	11.563	178	134175	2.607	ng	98
75) Fluoranthene	12.710	202	1034461	18.947	ng	99
78) Pyrene	12.939	202	950192	18.696	ng	98
81) Benzo(a)anthracene	14.127	228	552037	12.331	ng	96
83) Chrysene	14.163	228	489219	11.771	ng	98
87) Indeno(1,2,3-cd)pyrene	17.209	276	254718	5.711	ng	95
88) Benzo(b)fluoranthene	15.210	252	644735m	14.741	ng	
89) Benzo(k)fluoranthene	15.239	252	226408m	5.337	ng	
90) Benzo(a)pyrene	15.598	252	448556	12.580	ng	96
92) Benzo(g,h,i)perylene	17.680	276	225889	6.192	ng	99

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

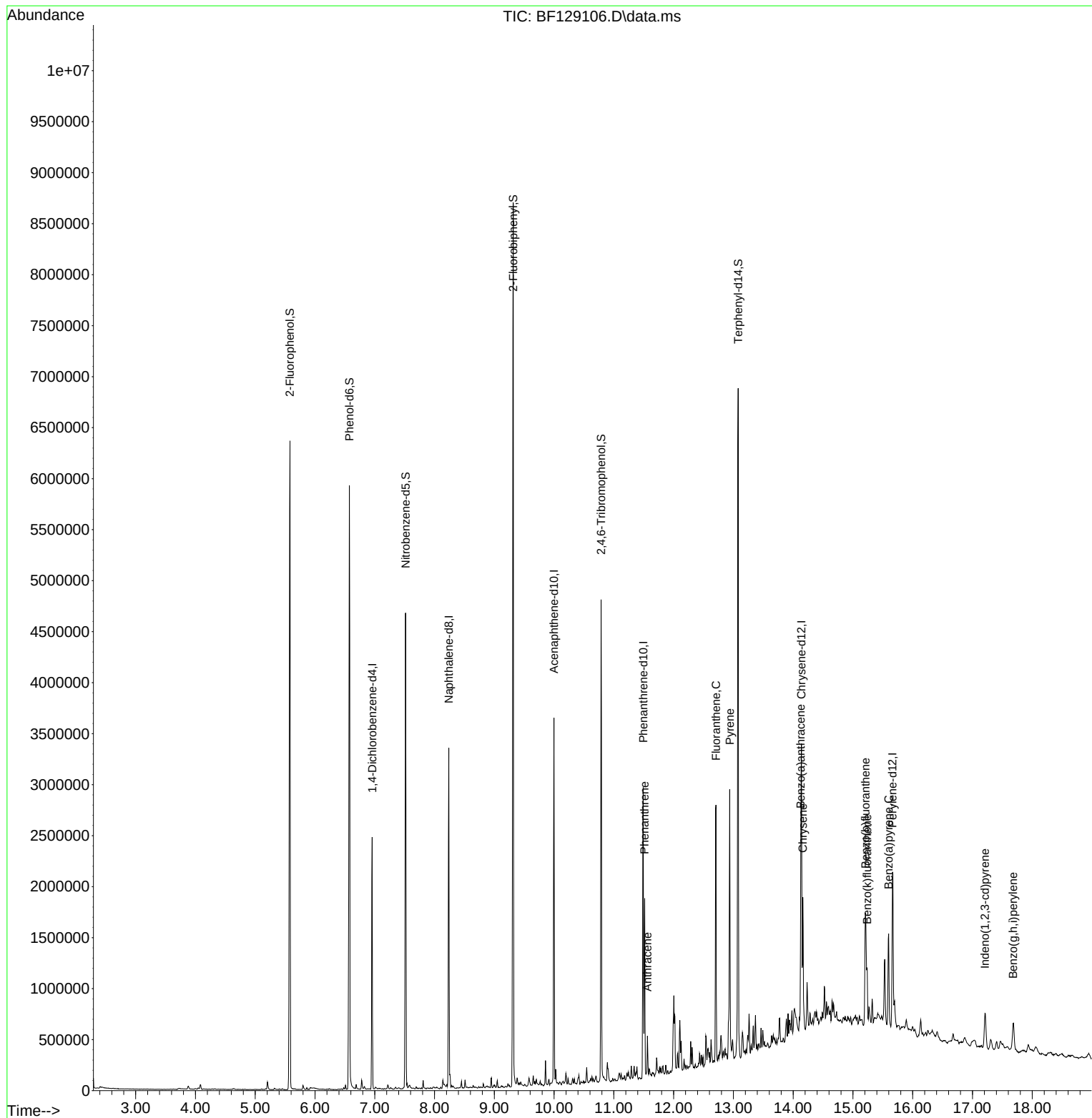
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129106.D
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ALS Vial : 16 Sample Multiplier: 1

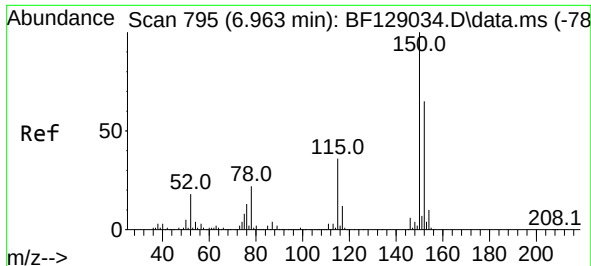
Instrument :
BNA_F
ClientSampleId :
SB-10A

Quant Time: Jul 02 01:27:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration

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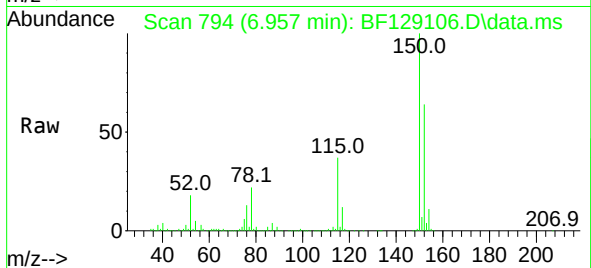
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129106.D
Acq: 01 Jul 2022 22:29

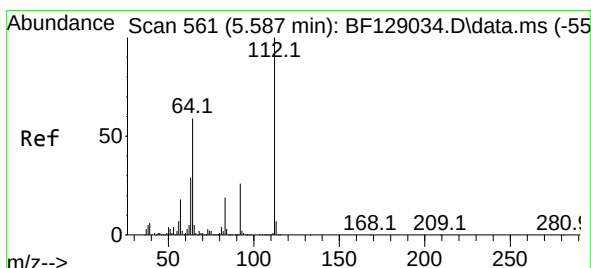
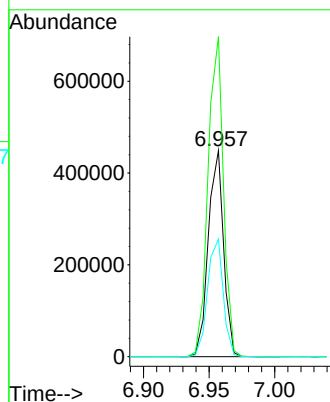
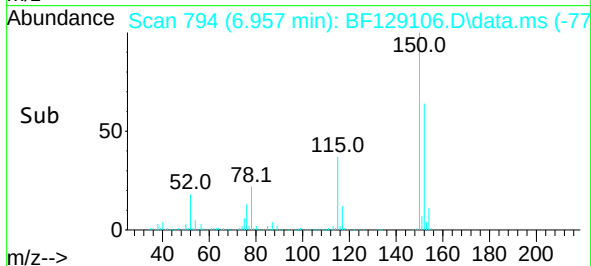
Instrument :
BNA_F
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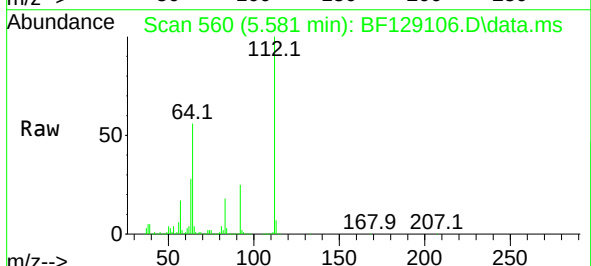
Tgt Ion:152 Resp: 364511
Ion Ratio Lower Upper
152 100
150 155.2 123.7 185.5
115 57.0 49.9 74.9

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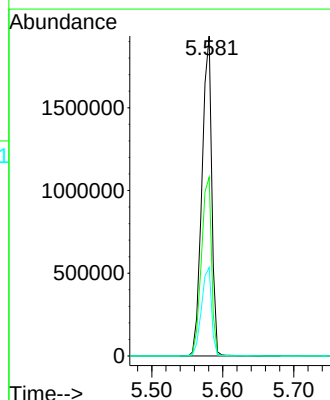
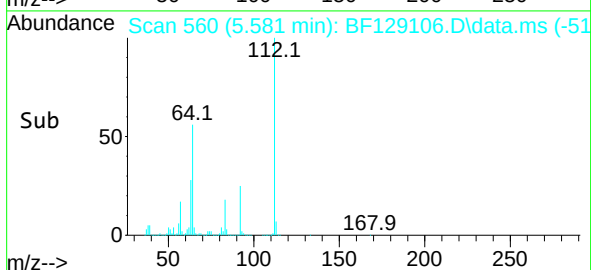
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

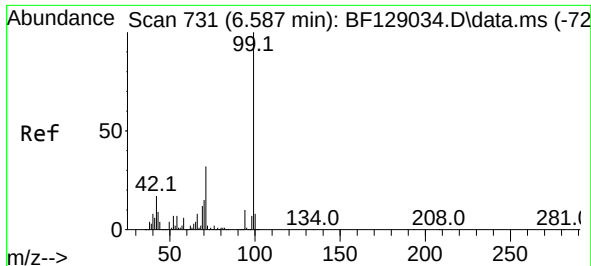


#5
2-Fluorophenol
Concen: 86.282 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF129106.D
Acq: 01 Jul 2022 22:29



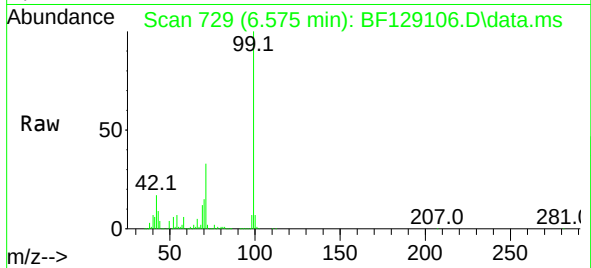
Tgt Ion:112 Resp: 1860302
Ion Ratio Lower Upper
112 100
64 55.9 53.3 79.9
63 27.6 28.0 42.0





#7
Phenol-d6
Concen: 86.856 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129106.D
Acq: 01 Jul 2022 22:29

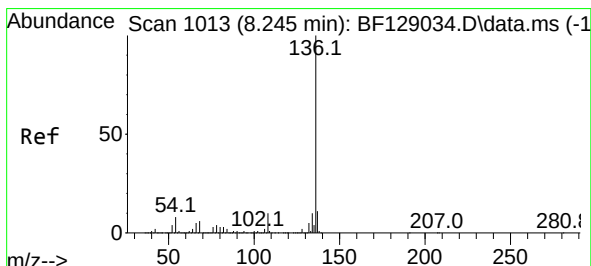
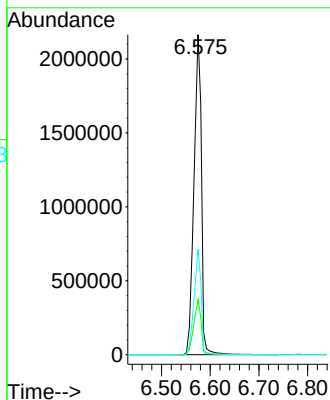
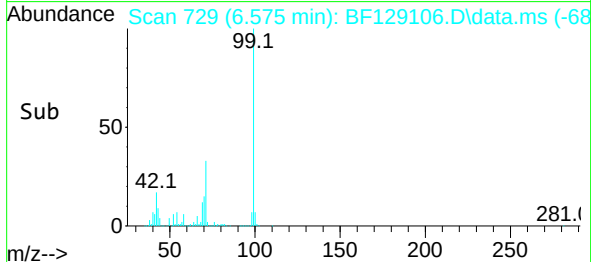
Instrument :
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ClientSampleId :
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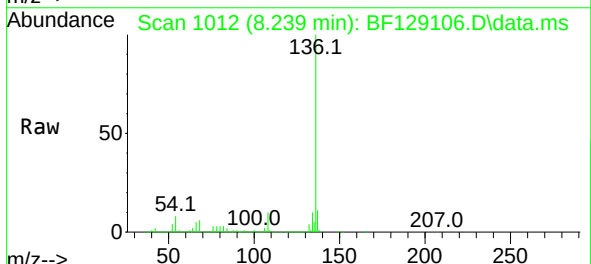
Tgt Ion: 99 Resp: 2325800
Ion Ratio Lower Upper
99 100
42 17.2 17.3 25.9
71 33.0 28.9 43.3

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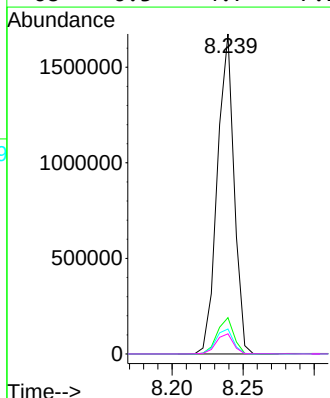
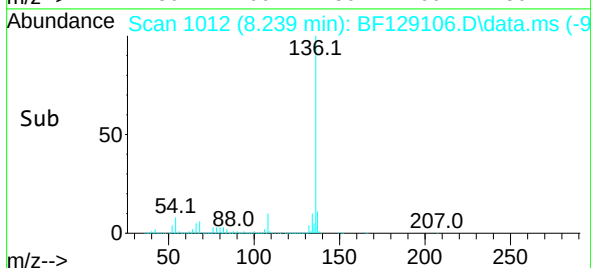
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

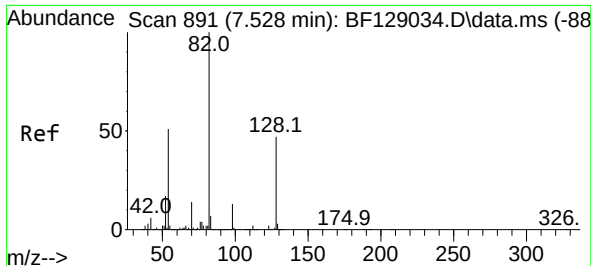


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129106.D
Acq: 01 Jul 2022 22:29



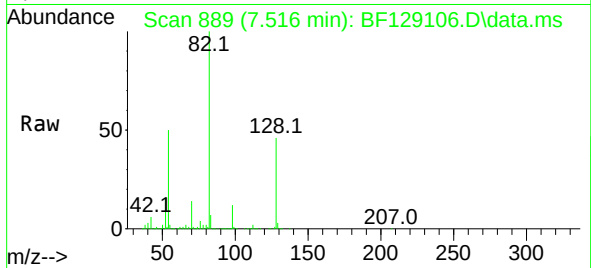
Tgt Ion:136 Resp: 1371595
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.8 7.5 11.3
68 6.3 4.7 7.1





#23
Nitrobenzene-d5
Concen: 62.650 ng
RT: 7.516 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF129106.D
Acq: 01 Jul 2022 22:29

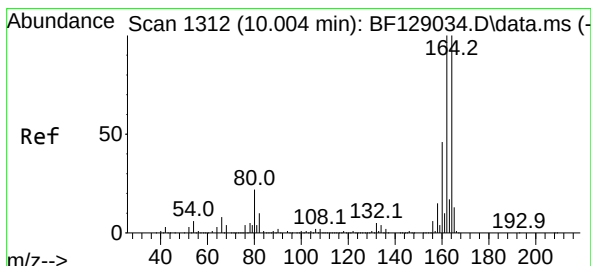
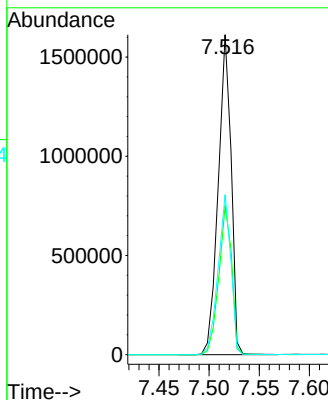
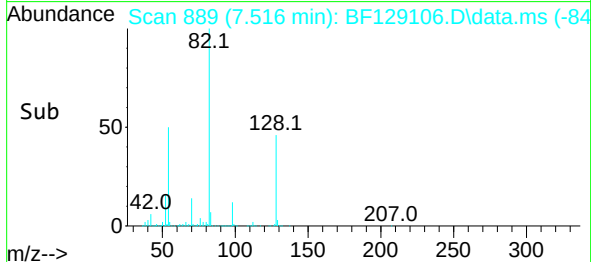
Instrument :
BNA_F
ClientSampleId :
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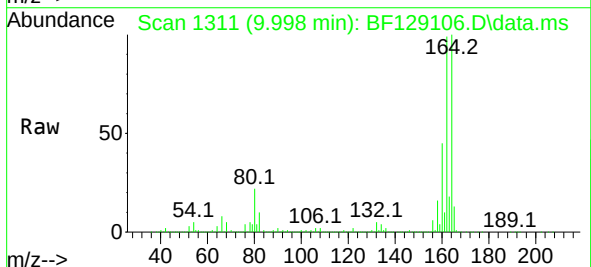
Tgt Ion: 82 Resp: 1440659
Ion Ratio Lower Upper
82 100
128 46.4 34.0 51.0
54 50.0 46.9 70.3

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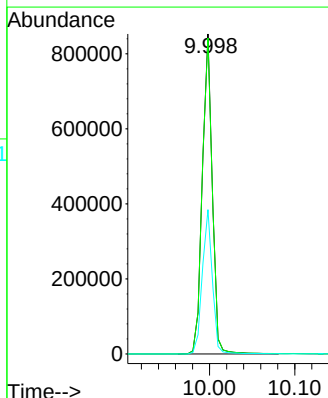
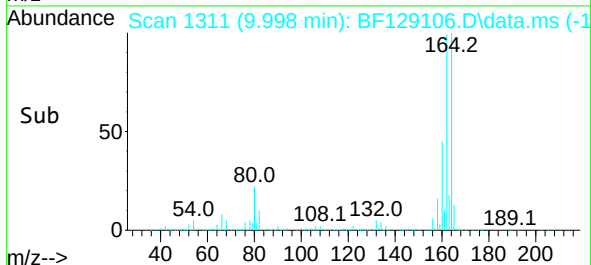
Reviewed By :Christian Giraldo 07/05/2022
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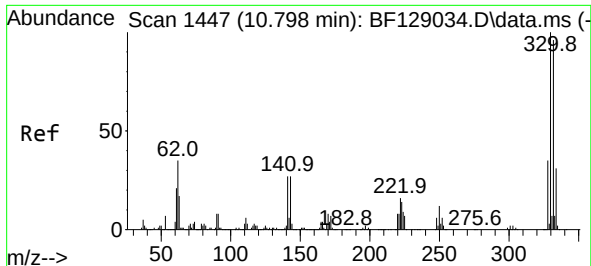


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129106.D
Acq: 01 Jul 2022 22:29



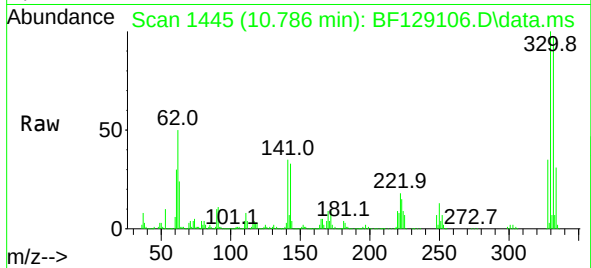
Tgt Ion:164 Resp: 691273
Ion Ratio Lower Upper
164 100
162 98.8 79.5 119.3
160 45.1 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 77.409 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF129106.D
Acq: 01 Jul 2022 22:29

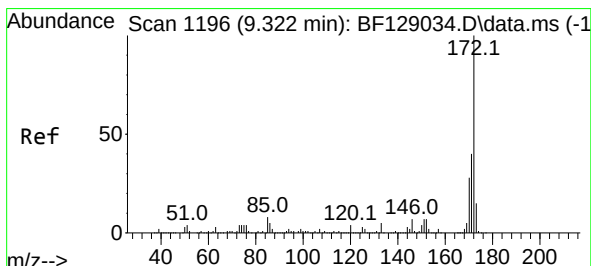
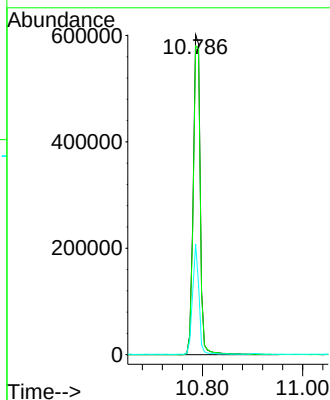
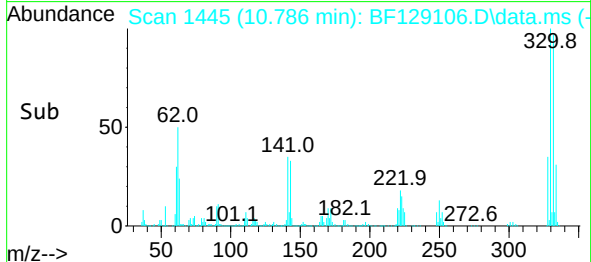
Instrument :
BNA_F
ClientSampleId :
SB-10A



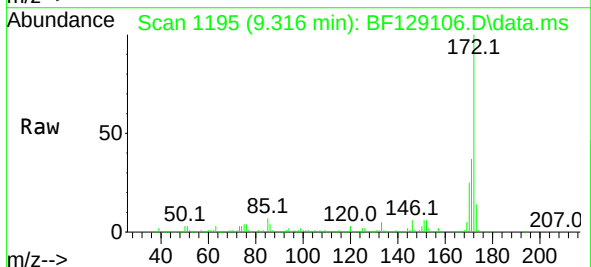
Tgt Ion:330 Resp: 58184
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 31.4 28.0 42.0

Manual Integrations
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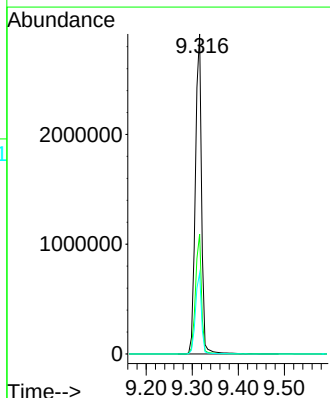
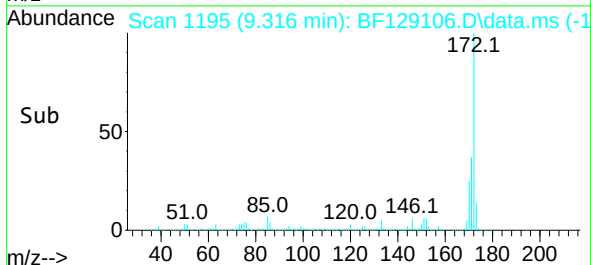
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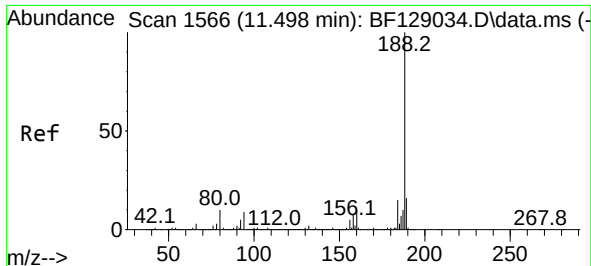


#45
2-Fluorobiphenyl
Concen: 62.637 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129106.D
Acq: 01 Jul 2022 22:29



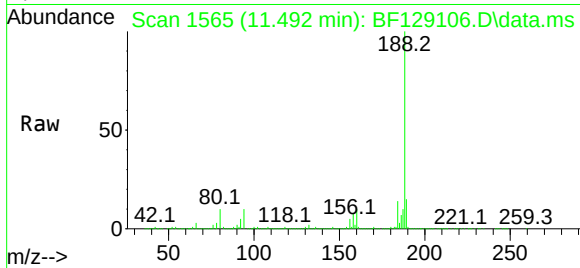
Tgt Ion:172 Resp: 2706586
Ion Ratio Lower Upper
172 100
171 37.5 28.8 43.2
170 25.2 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129106.D
Acq: 01 Jul 2022 22:29

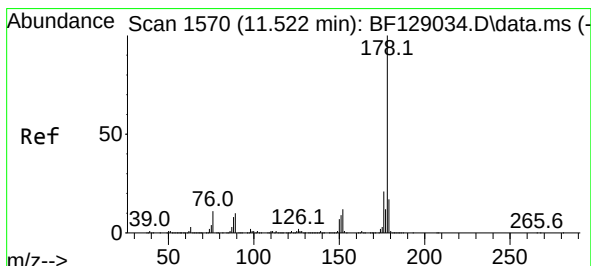
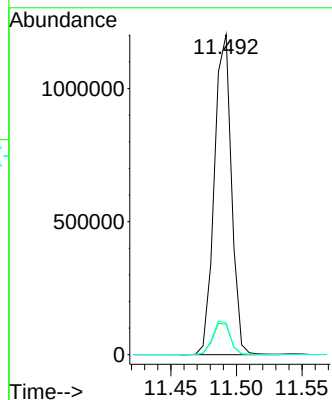
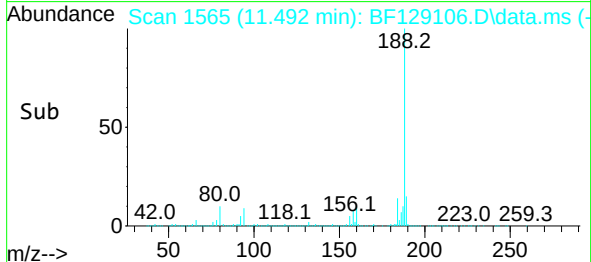
Instrument :
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ClientSampleId :
SB-10A



Tgt Ion:188 Resp: 109265
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 9.9 7.6 11.4

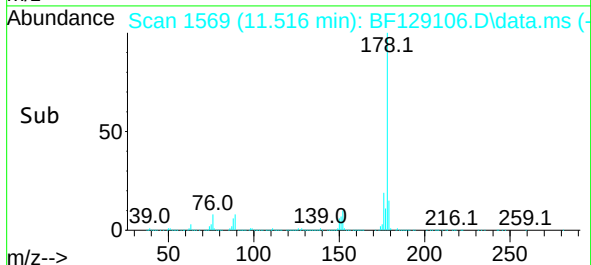
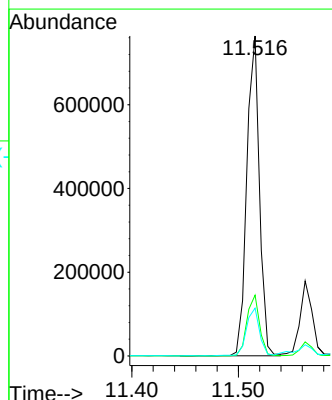
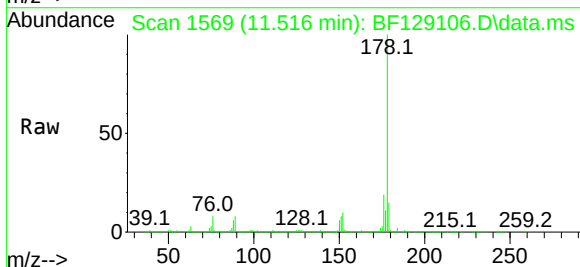
Manual Integrations
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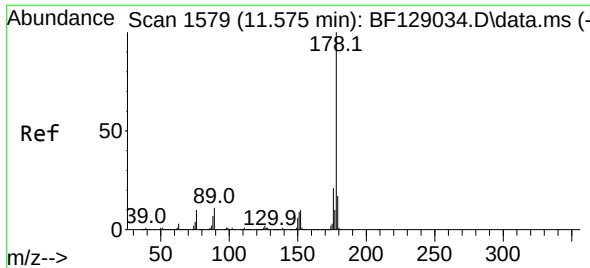
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#71
Phenanthrene
Concen: 12.034 ng
RT: 11.516 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF129106.D
Acq: 01 Jul 2022 22:29

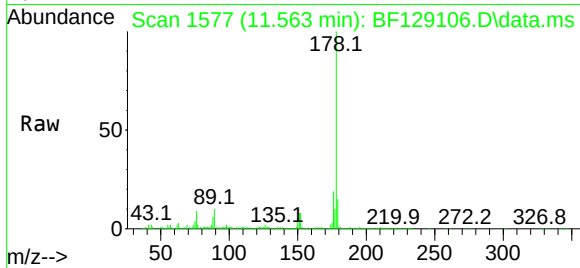
Tgt Ion:178 Resp: 628265
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 15.0 12.6 19.0





#72
 Anthracene
 Concen: 2.607 ng
 RT: 11.563 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF129106.D
 Acq: 01 Jul 2022 22:29

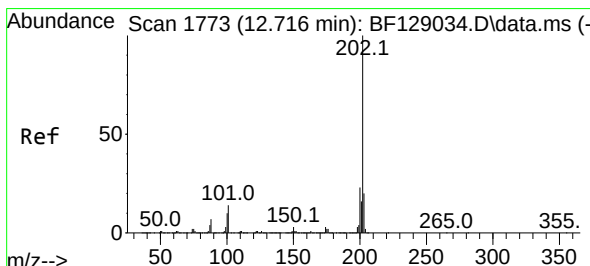
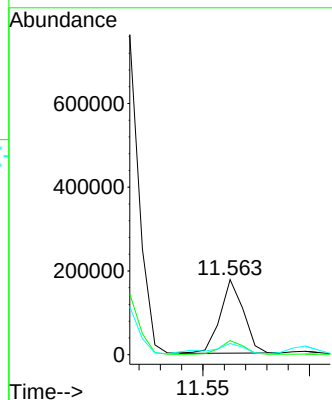
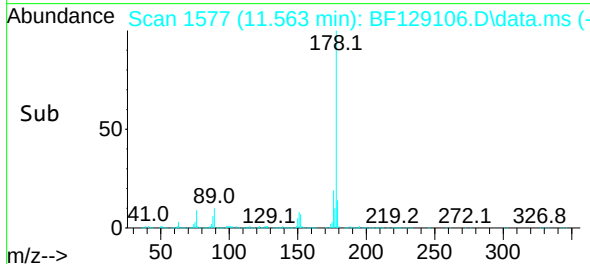
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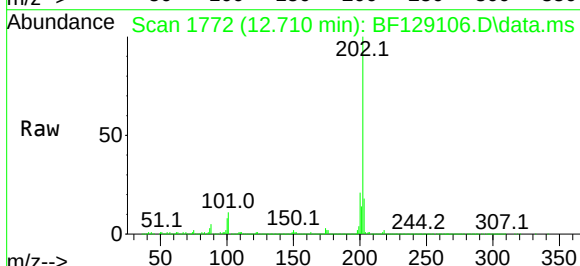
Tgt Ion:178 Resp: 134175
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 14.8 12.6 19.0

Manual Integrations
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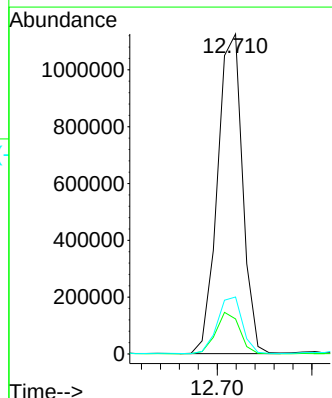
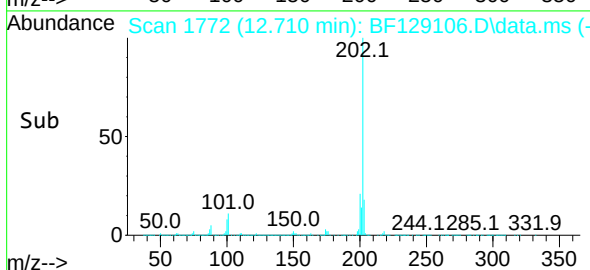
Reviewed By :Christian Giraldo 07/05/2022
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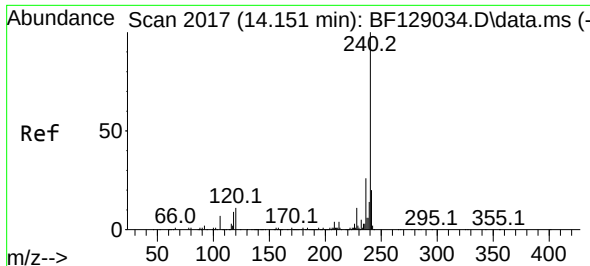


#75
 Fluoranthene
 Concen: 18.947 ng
 RT: 12.710 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: BF129106.D
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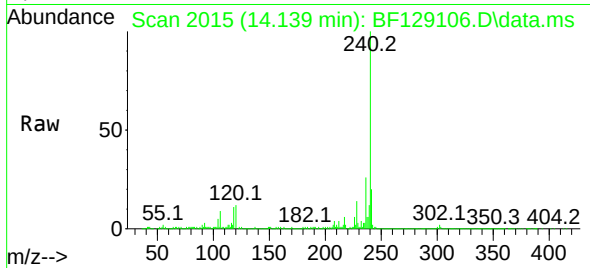
Tgt Ion:202 Resp: 1034461
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 31.4
 203 17.8 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF129106.D
Acq: 01 Jul 2022 22:29

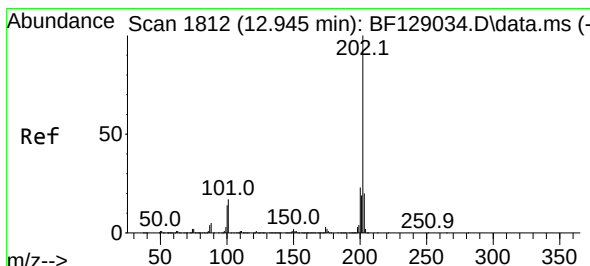
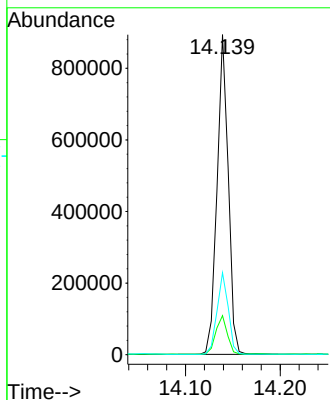
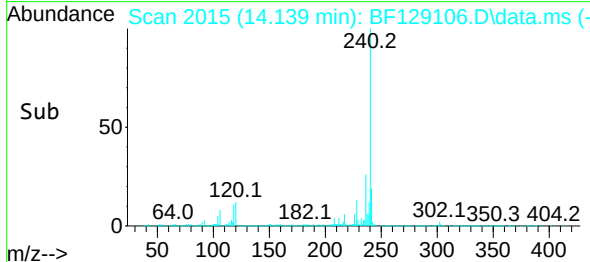
Instrument :
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Tgt Ion:240 Resp: 733220
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 25.6 20.8 31.2

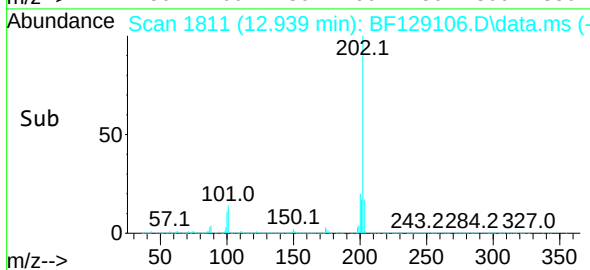
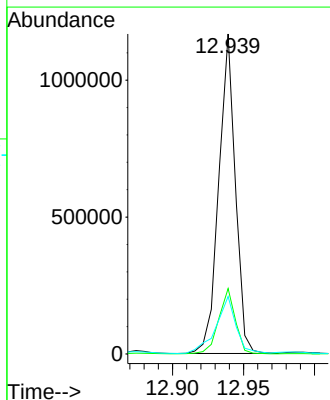
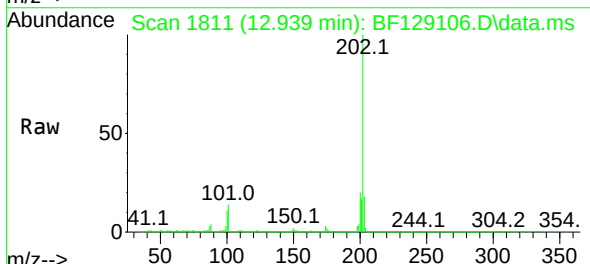
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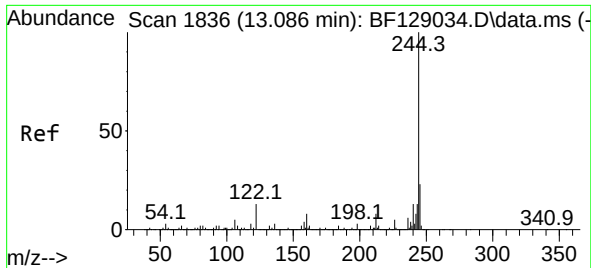
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#78
Pyrene
Concen: 18.696 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF129106.D
Acq: 01 Jul 2022 22:29

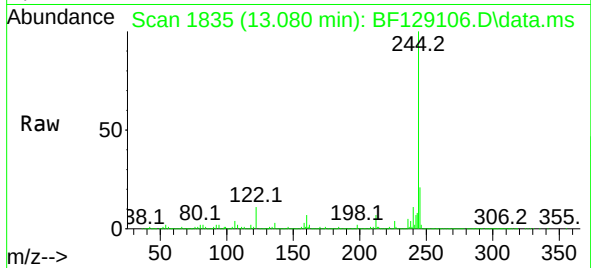
Tgt Ion:202 Resp: 950192
Ion Ratio Lower Upper
202 100
200 20.4 17.7 26.5
203 18.0 14.6 21.8





#79
 Terphenyl-d14
 Concen: 65.234 ng
 RT: 13.080 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129106.D
 Acq: 01 Jul 2022 22:29

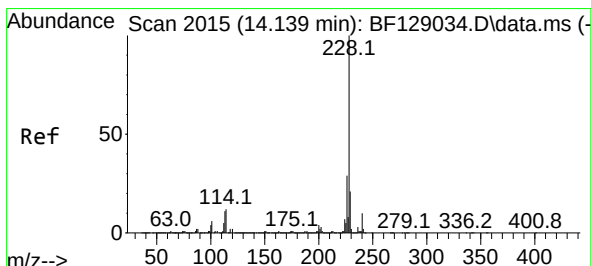
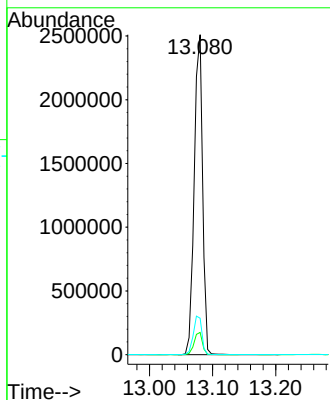
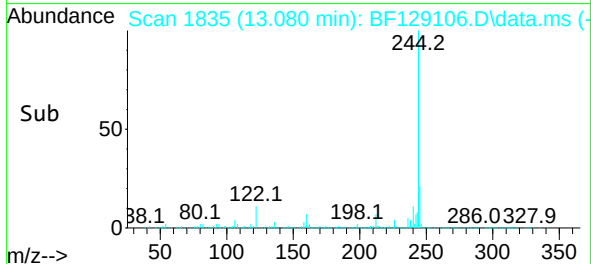
Instrument :
 BNA_F
 ClientSampleId :
 SB-10A



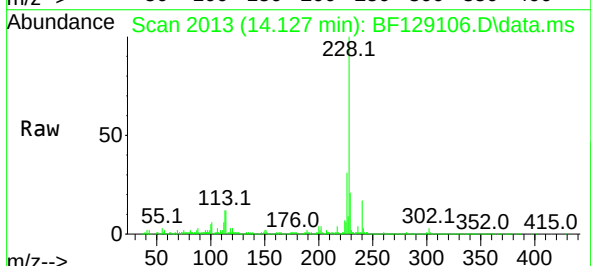
Tgt Ion:244 Resp: 230331
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 11.4 8.8 13.2

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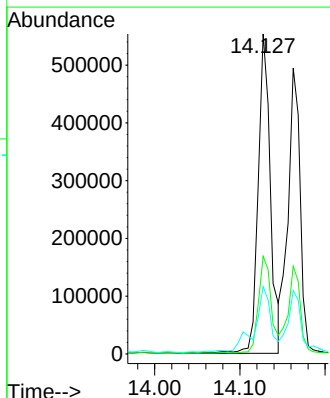
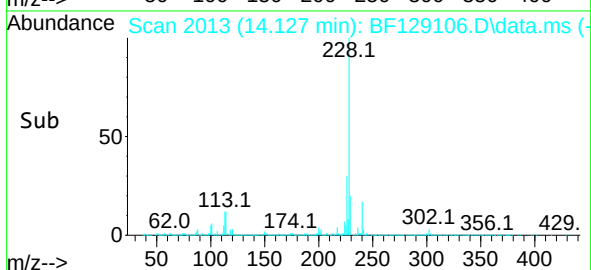
Reviewed By :Christian Giraldo 07/05/2022
 Supervised By :Jagrut Upadhyay 07/05/2022

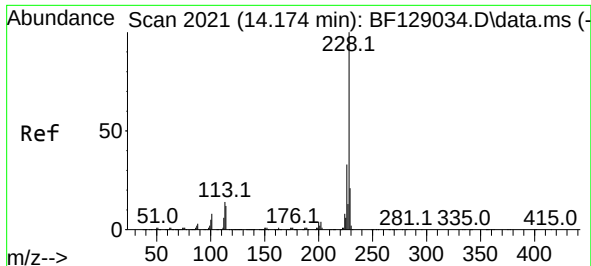


#81
 Benzo(a)anthracene
 Concen: 12.331 ng
 RT: 14.127 min Scan# 2013
 Delta R.T. -0.012 min
 Lab File: BF129106.D
 Acq: 01 Jul 2022 22:29



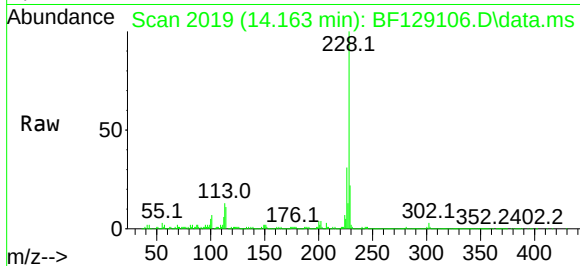
Tgt Ion:228 Resp: 552037
 Ion Ratio Lower Upper
 228 100
 226 30.5 22.1 33.1
 229 21.1 15.8 23.8





#83
Chrysene
Concen: 11.771 ng
RT: 14.163 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129106.D
Acq: 01 Jul 2022 22:29

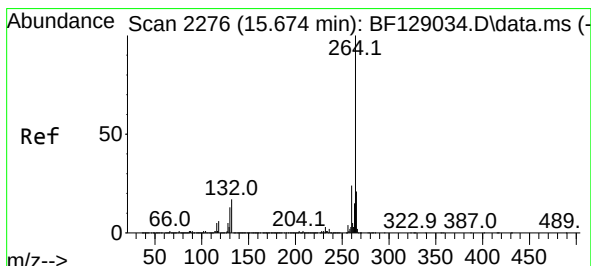
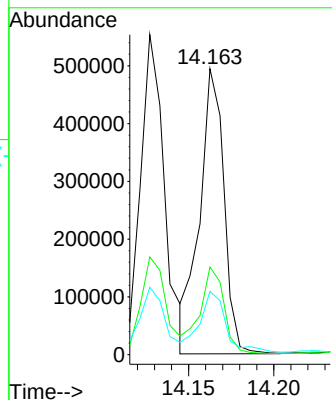
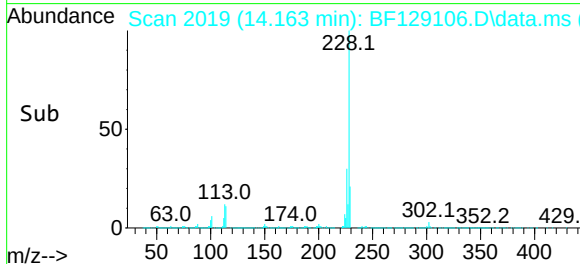
Instrument :
BNA_F
ClientSampleId :
SB-10A



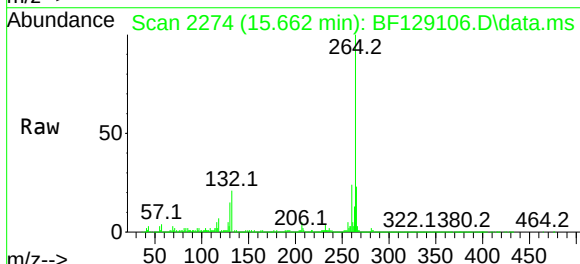
Tgt Ion:228 Resp: 489219
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 22.1 15.9 23.9

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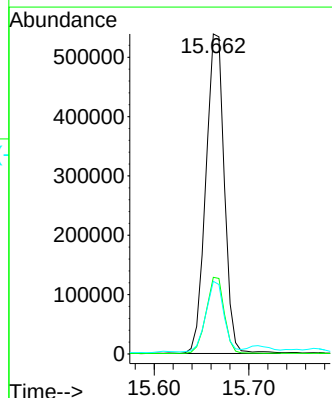
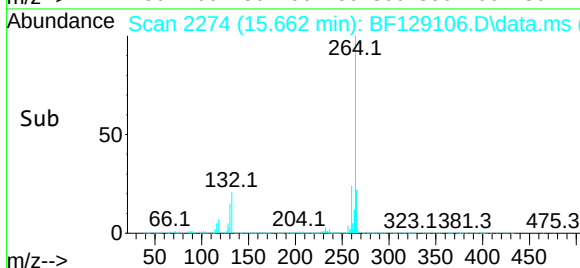
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

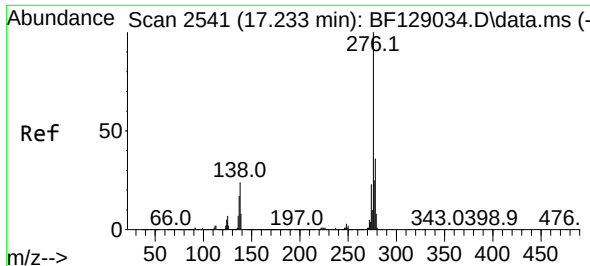


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.662 min Scan# 2274
Delta R.T. -0.012 min
Lab File: BF129106.D
Acq: 01 Jul 2022 22:29



Tgt Ion:264 Resp: 727263
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 22.7 17.2 25.8





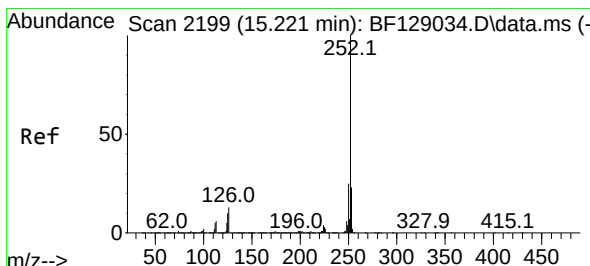
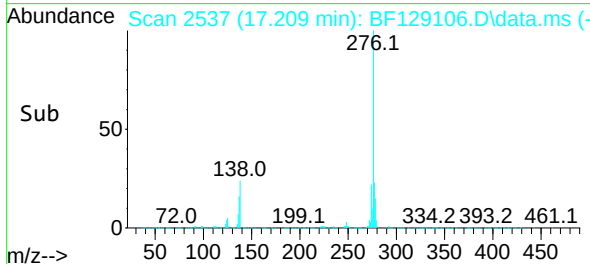
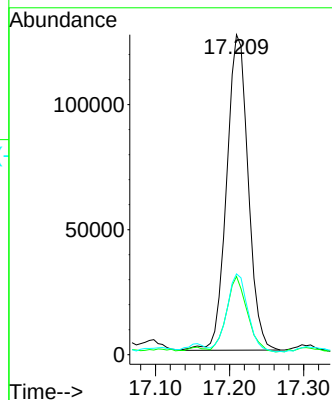
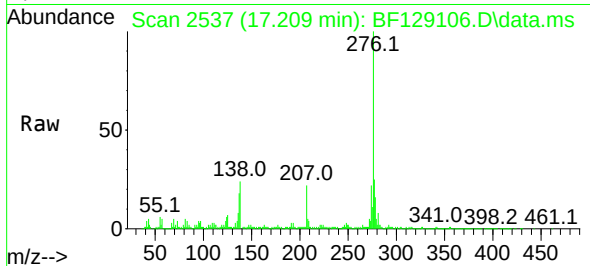
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.711 ng
RT: 17.209 min Scan# 2197
Delta R.T. -0.024 min
Lab File: BF129106.D
Acq: 01 Jul 2022 22:29

Instrument :
BNA_F
ClientSampleId :
SB-10A

Tgt Ion:276 Resp: 254718
Ion Ratio Lower Upper
276 100
138 22.9 21.1 31.7
277 24.0 20.3 30.5

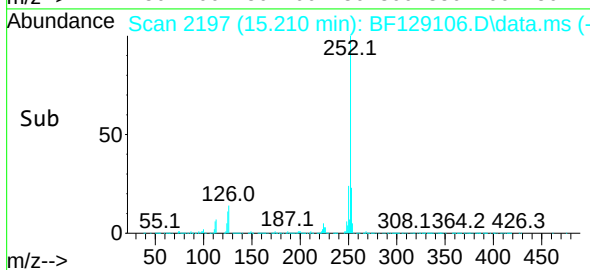
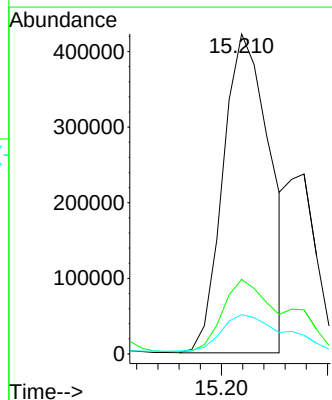
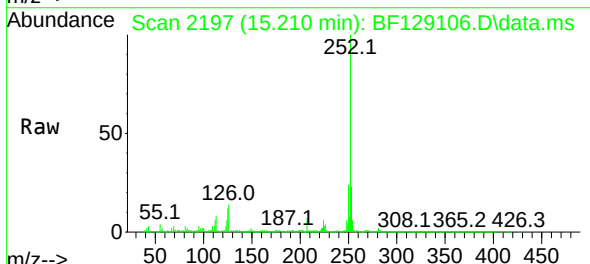
Manual Integrations
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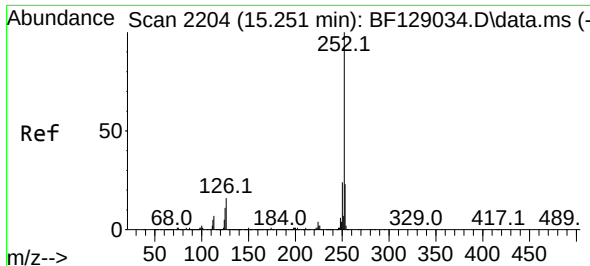
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#88
Benzo(b)fluoranthene
Concen: 14.741 ng m
RT: 15.210 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BF129106.D
Acq: 01 Jul 2022 22:29

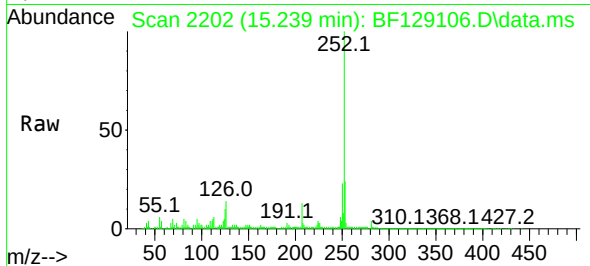
Tgt Ion:252 Resp: 644735
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 12.3 8.0 12.0#





#89
Benzo(k)fluoranthene
Concen: 5.337 ng m
RT: 15.239 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BF129106.D
Acq: 01 Jul 2022 22:29

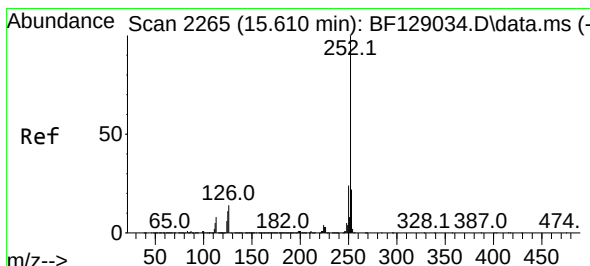
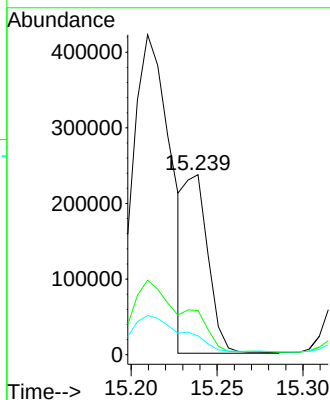
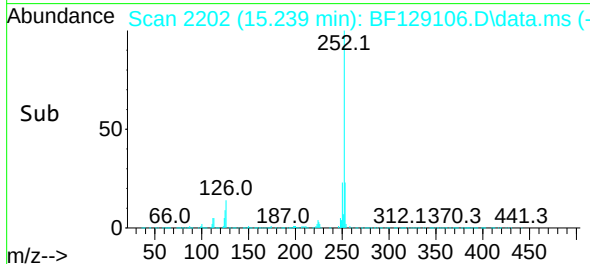
Instrument :
BNA_F
ClientSampleId :
SB-10A



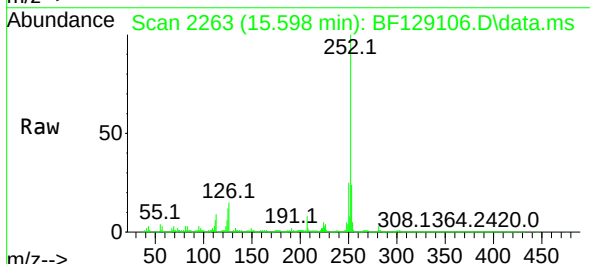
Tgt Ion:252 Resp: 226408
Ion Ratio Lower Upper
252 100
253 24.5 17.8 26.6
125 10.4 8.3 12.5

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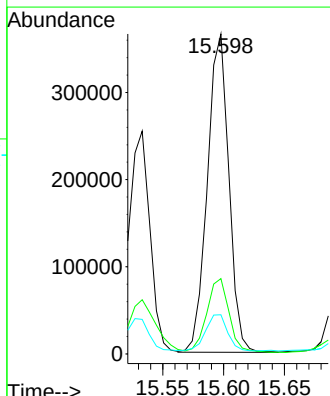
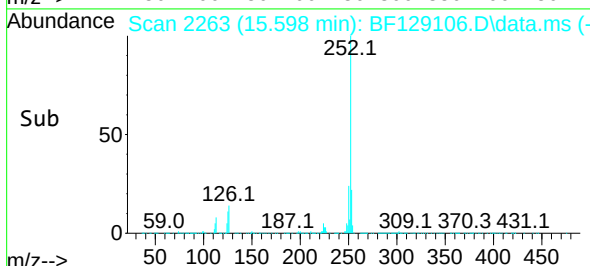
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

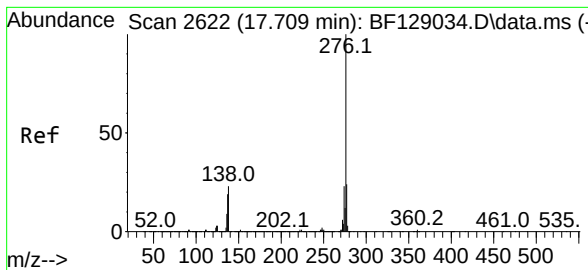


#90
Benzo(a)pyrene
Concen: 12.580 ng
RT: 15.598 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF129106.D
Acq: 01 Jul 2022 22:29



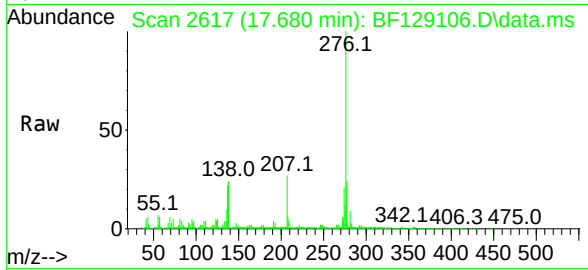
Tgt Ion:252 Resp: 448556
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.6
125 12.2 8.8 13.2





#92
 Benzo(g,h,i)perylene
 Concen: 6.192 ng
 RT: 17.680 min Scan# 20
 Delta R.T. -0.030 min
 Lab File: BF129106.D
 Acq: 01 Jul 2022 22:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-10A



Tgt Ion:276 Resp: 225889
 Ion Ratio Lower Upper
 276 100
 277 24.1 19.1 28.7
 138 23.7 18.0 27.0

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 07/05/2022
 Supervised By :Jagrut Upadhyay 07/05/2022

