

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
 Data File : BF129323.D
 Acq On : 22 Jul 2022 19:15
 Operator : CG\JU
 Sample : N3814-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-DE-4(0-5)

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/25/2022
 Supervised By : Jagrut Upadhyay 07/25/2022

Quant Time: Jul 23 01:23:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	113075	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	435113	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	200047	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	276421	20.000	ng	0.00
76) Chrysene-d12	14.069	240	311013	20.000	ng	-0.01
86) Perylene-d12	15.557	264	310805	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	454135	65.506	ng	0.00
7) Phenol-d6	6.516	99	572662	64.799	ng	-0.01
23) Nitrobenzene-d5	7.451	82	374565	46.313	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	99050	51.320	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	597195	45.924	ng	-0.01
79) Terphenyl-d14	13.004	244	402521	24.104	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	7.887	122	26892m	6.085	ng	
58) Fluorene	10.480	166	34884	2.665	ng	96
71) Phenanthrene	11.445	178	440719	29.048	ng	98
72) Anthracene	11.492	178	109122	7.259	ng	97
73) Carbazole	11.651	167	37774	2.694	ng	98
75) Fluoranthene	12.639	202	575637	37.228	ng	98
78) Pyrene	12.869	202	531576	19.984	ng	98
80) Butylbenzylphthalate	13.480	149	88118	8.118	ng	87
81) Benzo(a)anthracene	14.057	228	425630	19.874	ng	99
83) Chrysene	14.092	228	337206	16.682	ng	97
84) Bis(2-ethylhexyl)phtha...	14.033	149	68568	5.144	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	174462	8.188	ng	93
88) Benzo(b)fluoranthene	15.121	252	491258m	23.748	ng	
89) Benzo(k)fluoranthene	15.145	252	128857m	6.415	ng	
90) Benzo(a)pyrene	15.492	252	328449	19.623	ng	97
92) Benzo(g,h,i)perylene	17.521	276	162900	9.129	ng	98

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

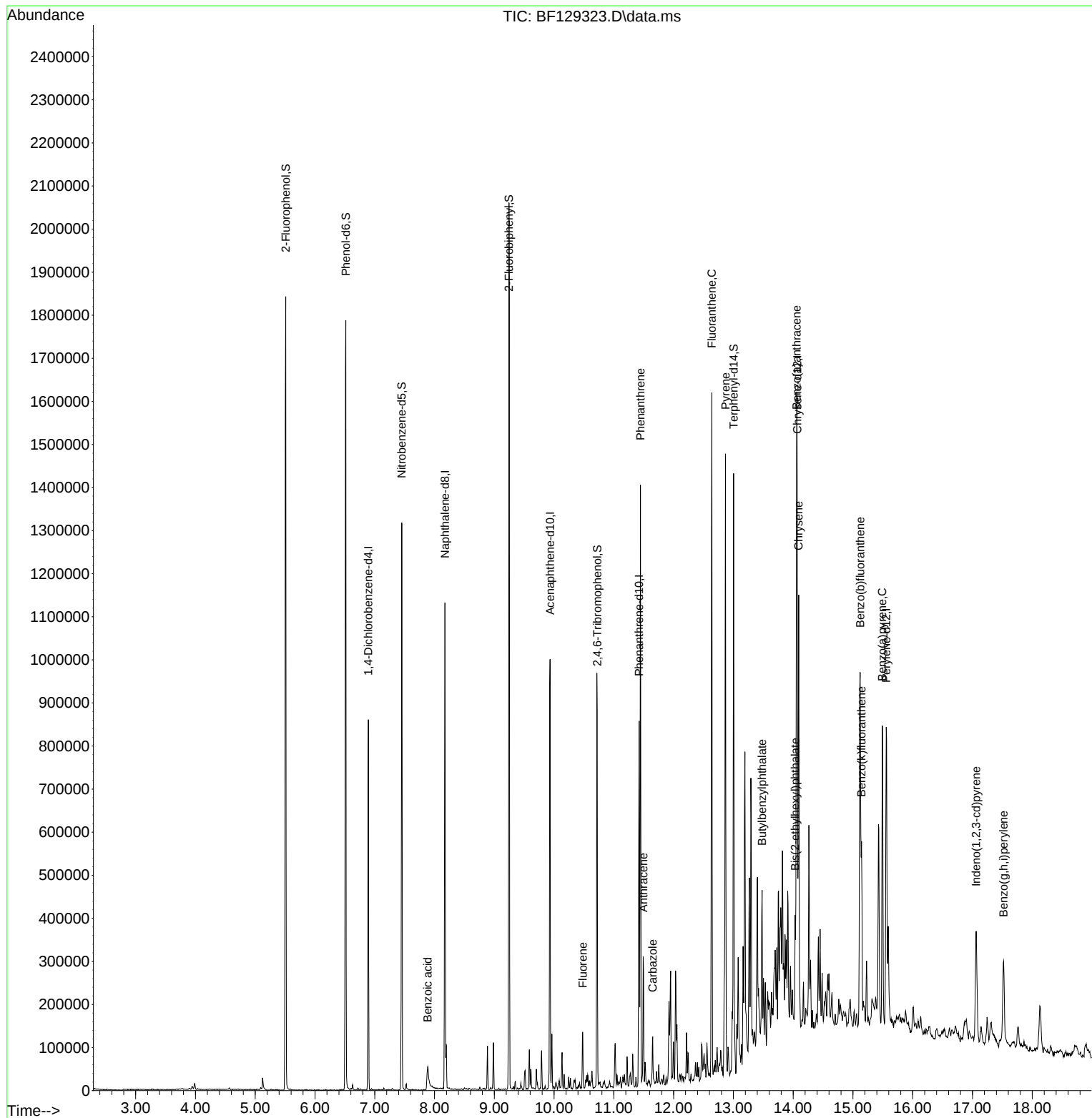
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129323.D
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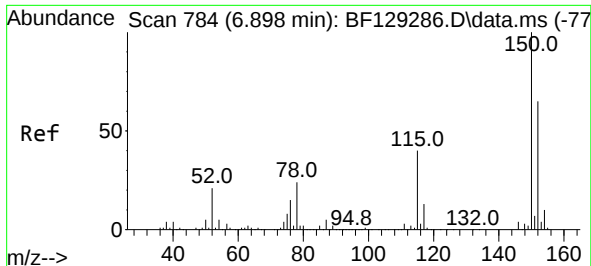
Instrument :
BNA_F
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ENV-DE-4(0-5)

Quant Time: Jul 23 01:23:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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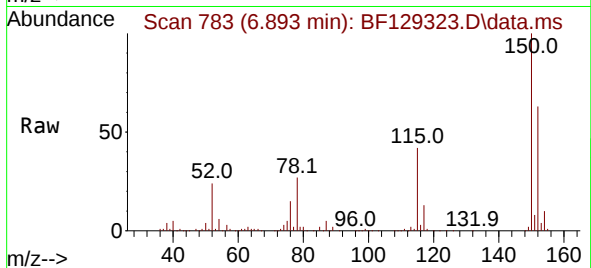
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129323.D
Acq: 22 Jul 2022 19:15

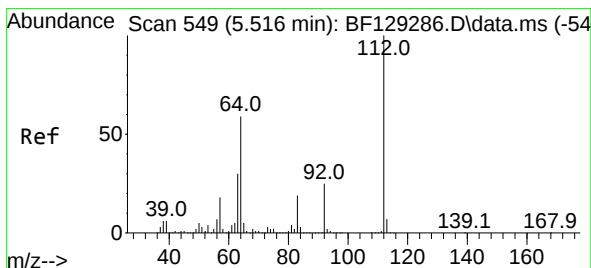
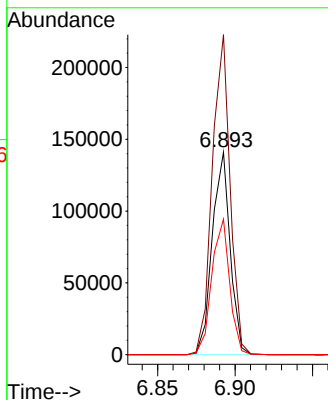
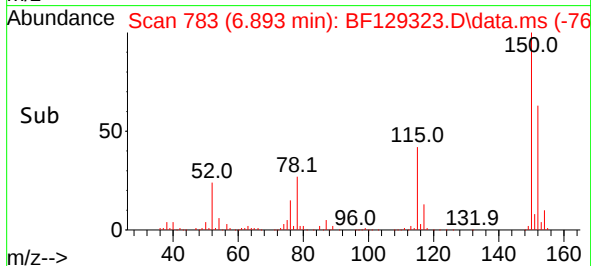
Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)



Tgt Ion:152 Resp: 113075
Ion Ratio Lower Upper
152 100
150 158.0 123.7 185.5
115 66.9 49.9 74.9

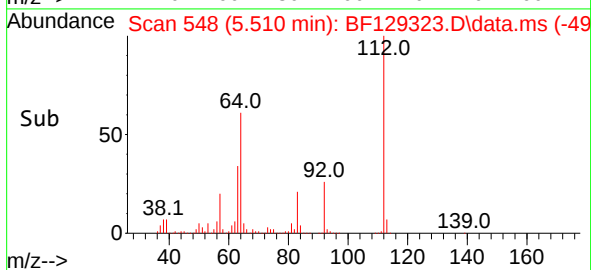
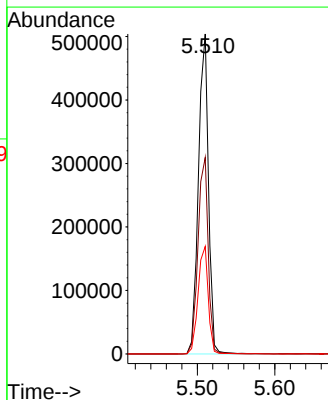
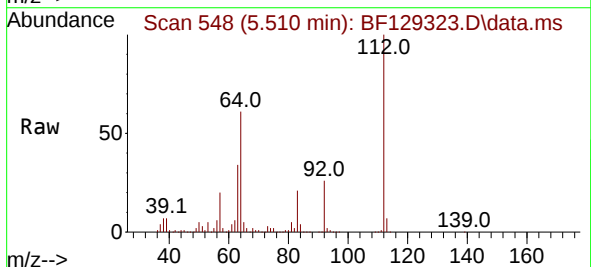
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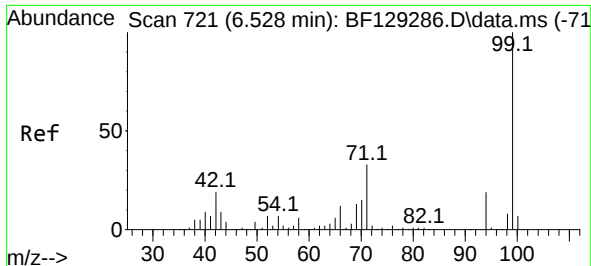
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#5
2-Fluorophenol
Concen: 65.506 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.006 min
Lab File: BF129323.D
Acq: 22 Jul 2022 19:15

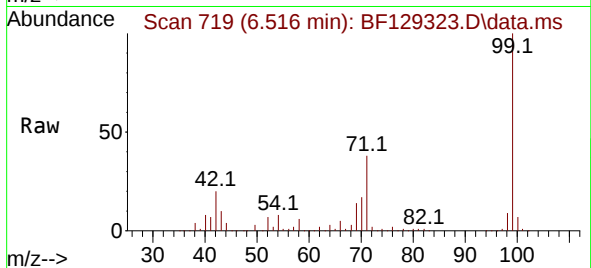
Tgt Ion:112 Resp: 454135
Ion Ratio Lower Upper
112 100
64 61.4 53.3 79.9
63 33.6 28.0 42.0





#7
Phenol-d6
Concen: 64.799 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129323.D
Acq: 22 Jul 2022 19:15

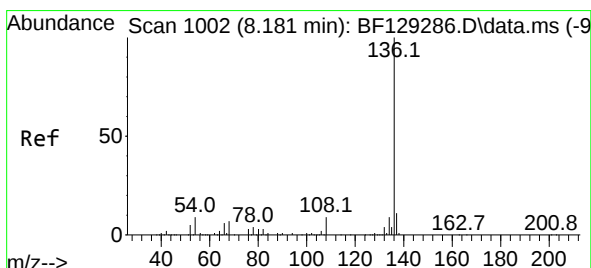
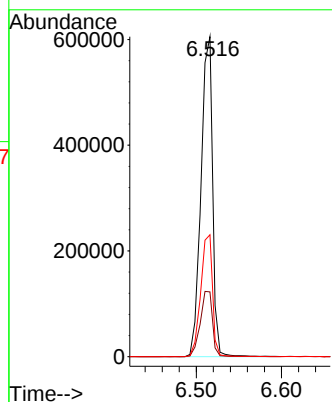
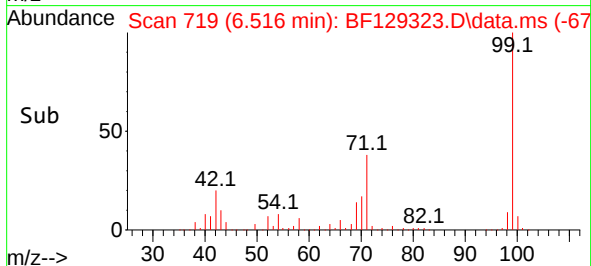
Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)



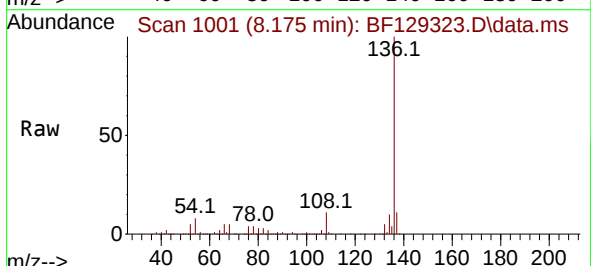
Tgt Ion: 99 Resp: 572662
Ion Ratio Lower Upper
99 100
42 20.2 17.3 25.9
71 38.1 28.9 43.3

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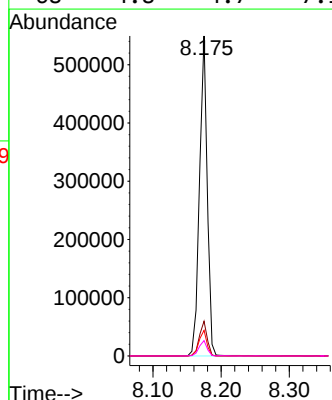
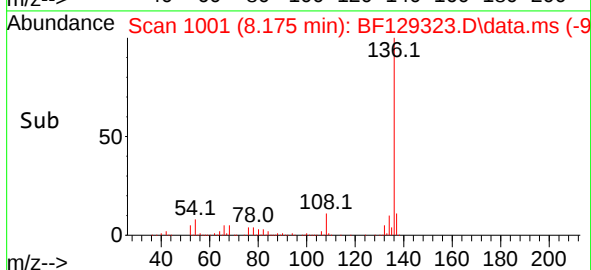
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

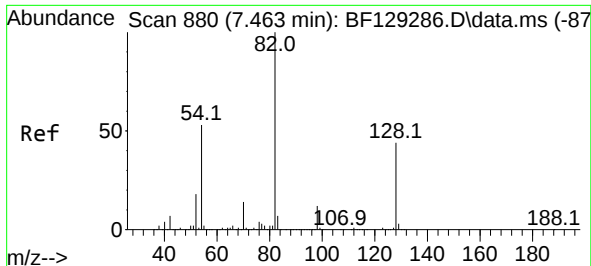


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF129323.D
Acq: 22 Jul 2022 19:15



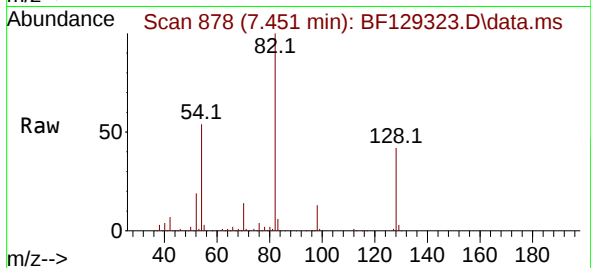
Tgt Ion:136 Resp: 435113
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.0 7.5 11.3
68 4.8 4.7 7.1





#23
Nitrobenzene-d5
Concen: 46.313 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129323.D
Acq: 22 Jul 2022 19:15

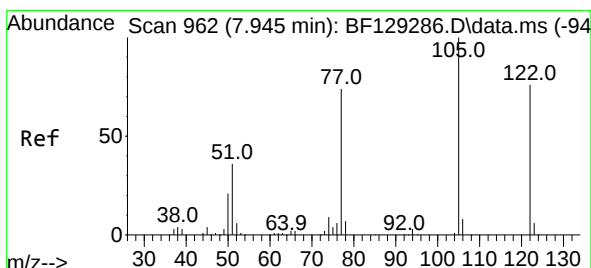
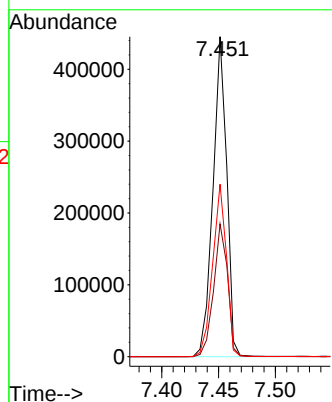
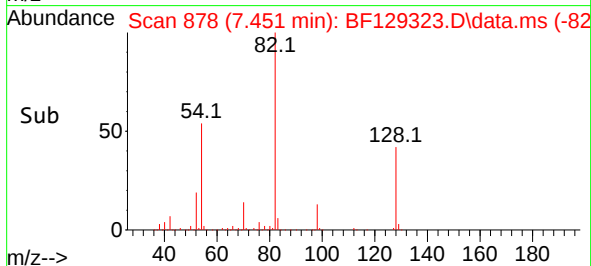
Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)



Tgt Ion: 82 Resp: 37456
Ion Ratio Lower Upper
82 100
128 41.5 34.0 51.0
54 53.9 46.9 70.3

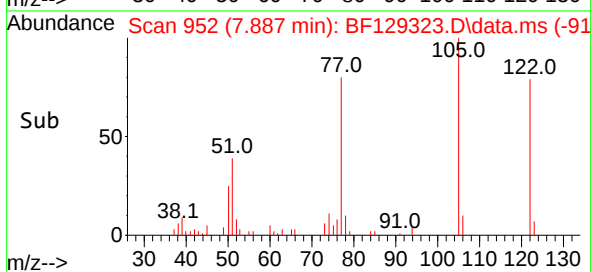
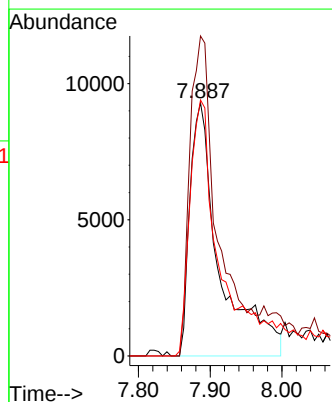
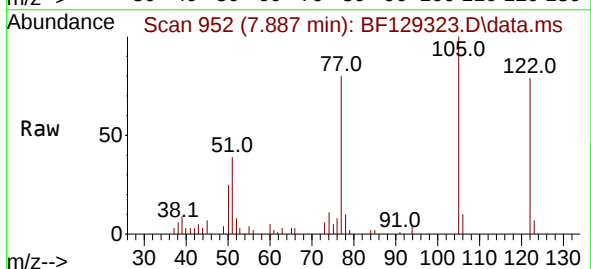
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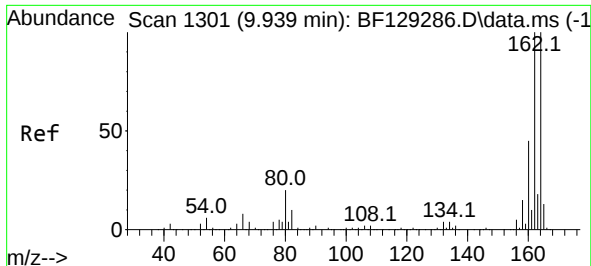
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#32
Benzoic acid
Concen: 6.085 ng m
RT: 7.887 min Scan# 952
Delta R.T. -0.059 min
Lab File: BF129323.D
Acq: 22 Jul 2022 19:15

Tgt Ion:122 Resp: 26892
Ion Ratio Lower Upper
122 100
105 126.5 107.1 147.1
77 101.2 74.2 114.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129323.D

Acq: 22 Jul 2022 19:15

Instrument :

BNA_F

ClientSampleId :

ENV-DE-4(0-5)

Tgt Ion:164 Resp: 20004

Ion Ratio Lower Upper

164 100

162 102.9 79.5 119.3

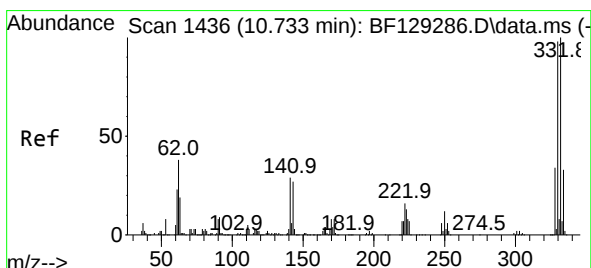
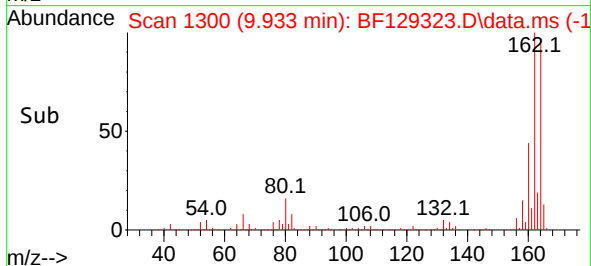
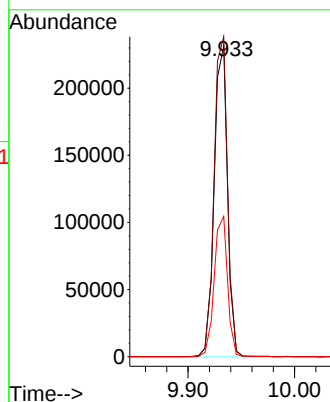
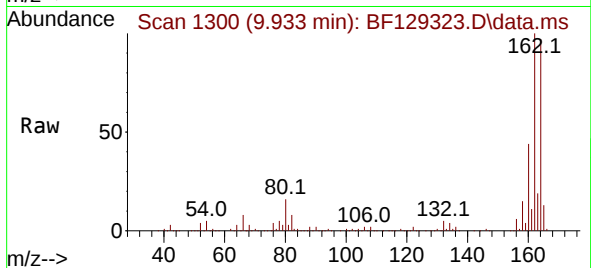
160 45.1 34.2 51.4

Manual Integrations

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#42

2,4,6-Tribromophenol

Concen: 51.320 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129323.D

Acq: 22 Jul 2022 19:15

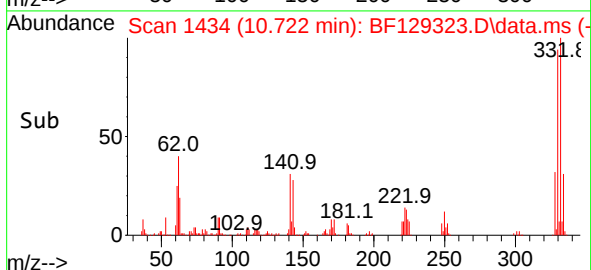
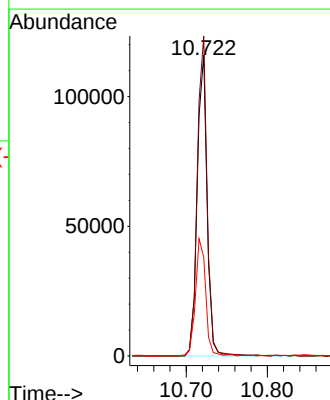
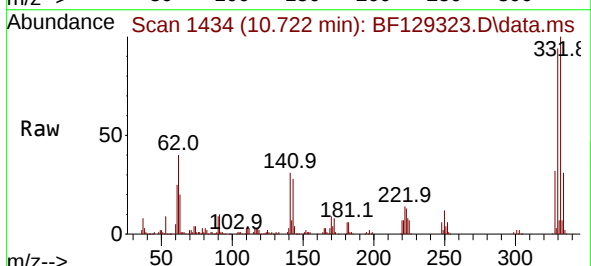
Tgt Ion:330 Resp: 99050

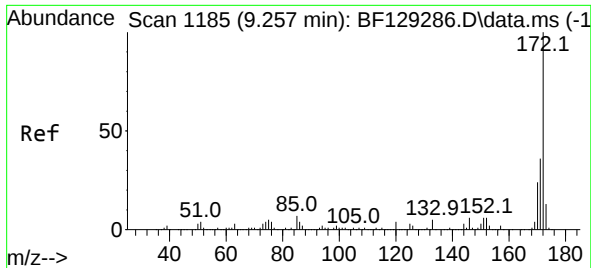
Ion Ratio Lower Upper

330 100

332 105.4 76.8 115.2

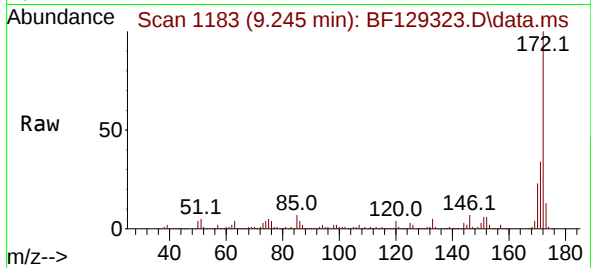
141 40.2 28.0 42.0





#45
2-Fluorobiphenyl
Concen: 45.924 ng
RT: 9.245 min Scan# 1183
Delta R.T. -0.012 min
Lab File: BF129323.D
Acq: 22 Jul 2022 19:15

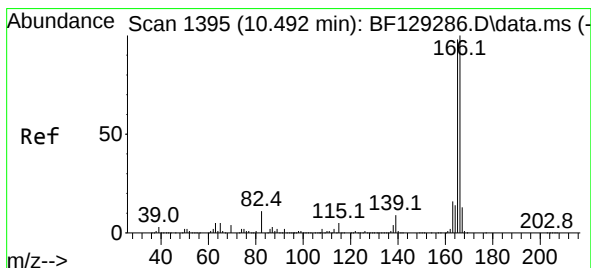
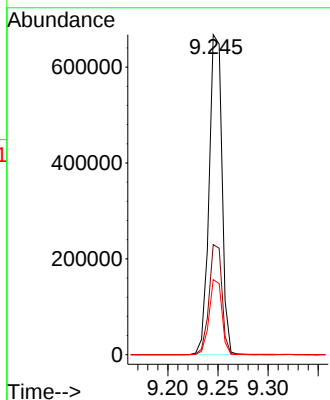
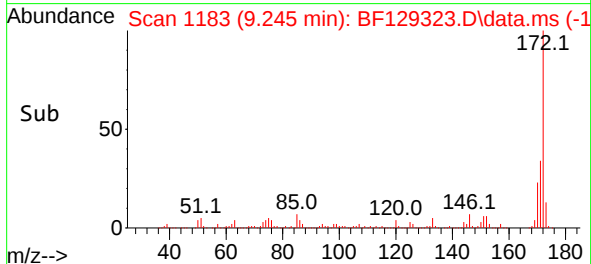
Instrument :
BNA_F
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ENV-DE-4(0-5)



Tgt Ion:172 Resp: 59719
Ion Ratio Lower Upper
172 100
171 34.4 28.8 43.2
170 23.5 19.8 29.8

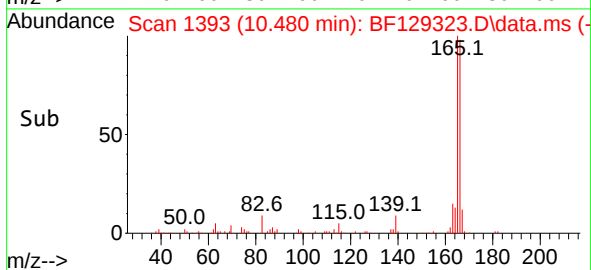
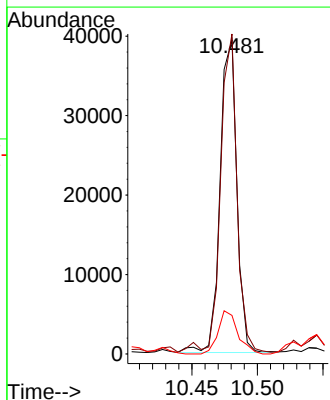
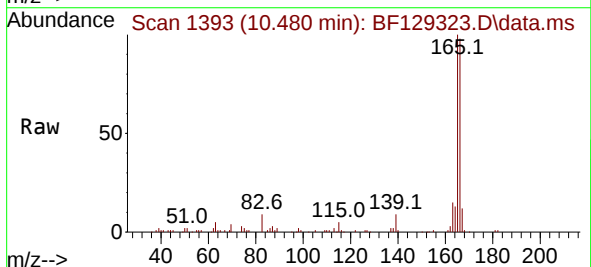
Manual Integrations
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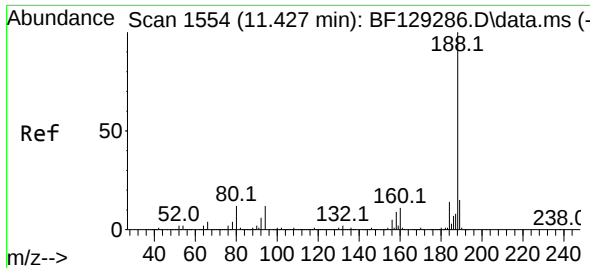
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#58
Fluorene
Concen: 2.665 ng
RT: 10.480 min Scan# 1393
Delta R.T. -0.012 min
Lab File: BF129323.D
Acq: 22 Jul 2022 19:15

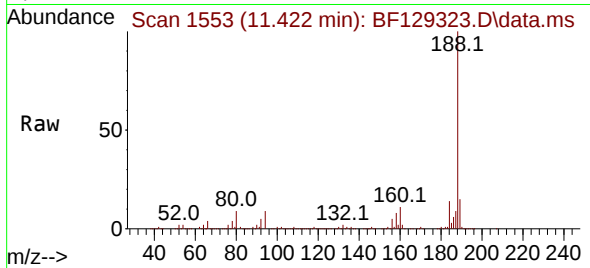
Tgt Ion:166 Resp: 34884
Ion Ratio Lower Upper
166 100
165 101.9 78.1 117.1
167 12.3 10.5 15.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF129323.D
Acq: 22 Jul 2022 19:15

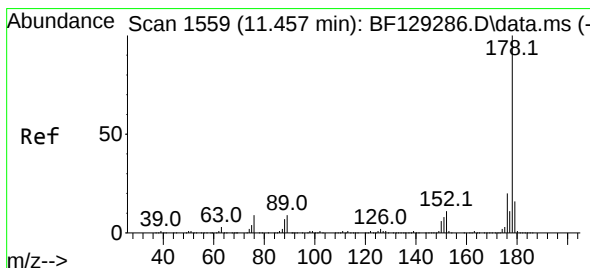
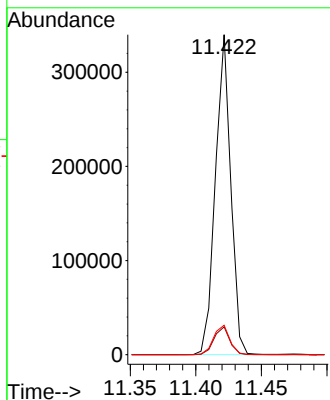
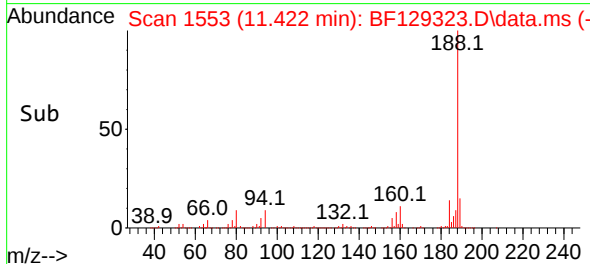
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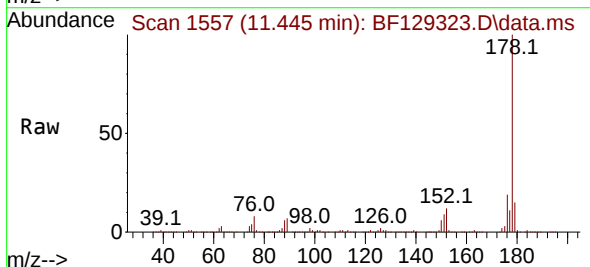
Tgt Ion:188 Resp: 27642
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.2 7.6 11.4

Manual Integrations
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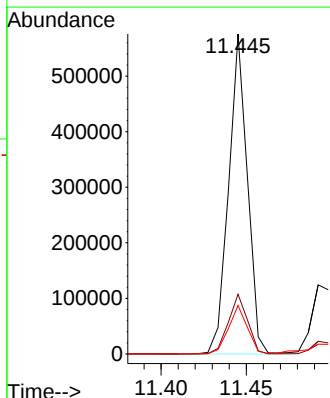
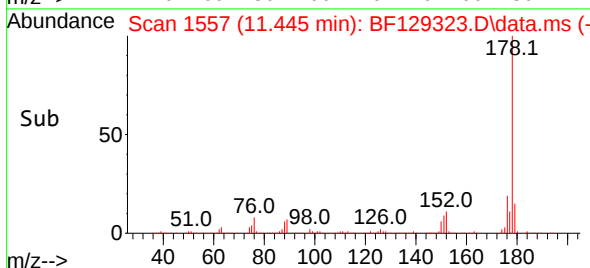
Reviewed By :Christian Giraldo 07/25/2022
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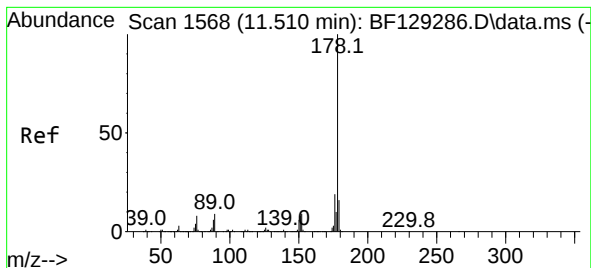


#71
Phenanthrene
Concen: 29.048 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.012 min
Lab File: BF129323.D
Acq: 22 Jul 2022 19:15



Tgt Ion:178 Resp: 440719
Ion Ratio Lower Upper
178 100
176 18.6 16.0 24.0
179 15.1 12.6 19.0





#72

Anthracene

Concen: 7.259 ng

RT: 11.492 min Scan# 1565

Delta R.T. -0.018 min

Lab File: BF129323.D

Acq: 22 Jul 2022 19:15

Instrument :

BNA_F

ClientSampleId :

ENV-DE-4(0-5)

Tgt Ion:178 Resp: 10912

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

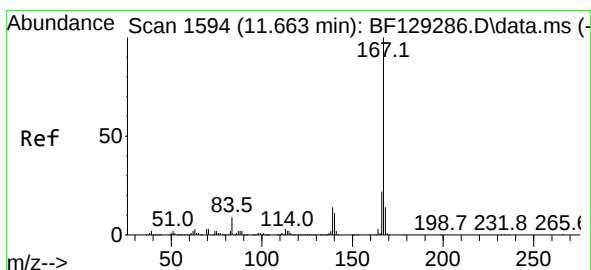
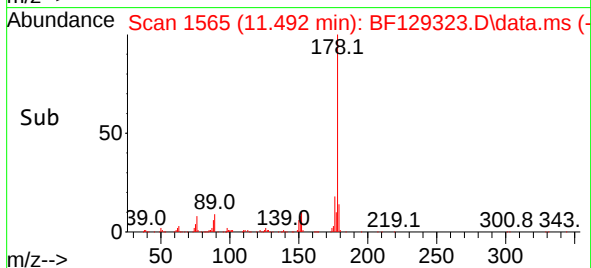
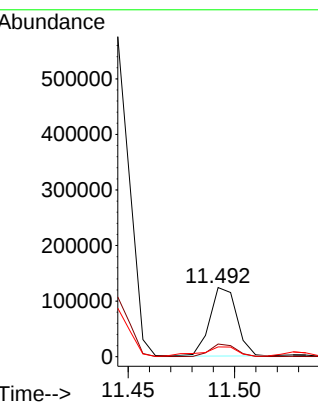
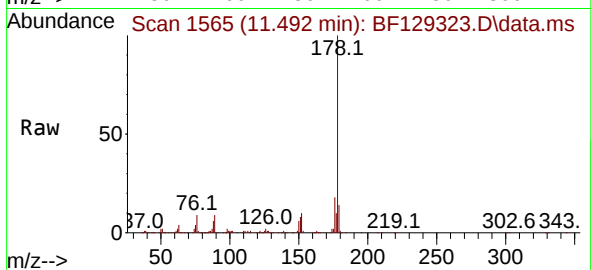
179 14.1 12.6 19.0

Manual Integrations

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#73

Carbazole

Concen: 2.694 ng

RT: 11.651 min Scan# 1592

Delta R.T. -0.012 min

Lab File: BF129323.D

Acq: 22 Jul 2022 19:15

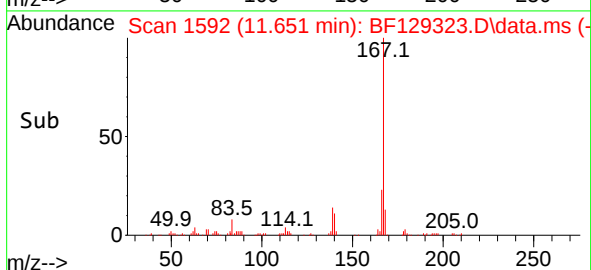
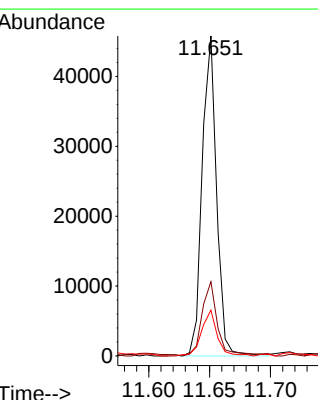
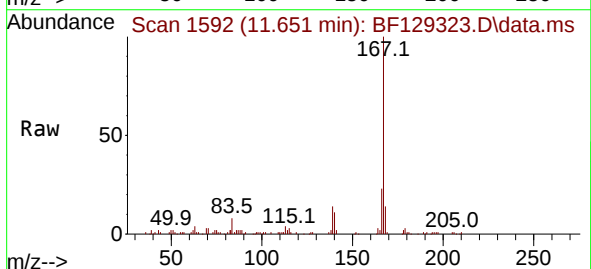
Tgt Ion:167 Resp: 37774

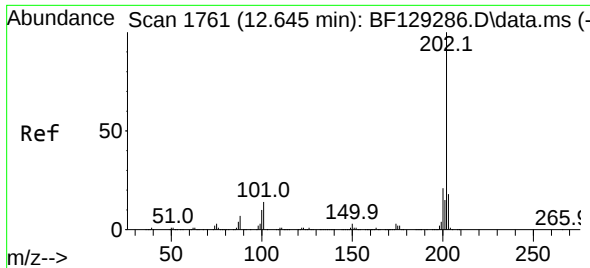
Ion Ratio Lower Upper

167 100

166 23.2 17.7 26.5

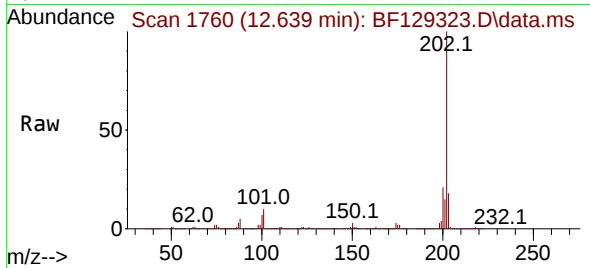
139 14.3 11.2 16.8





#75
Fluoranthene
Concen: 37.228 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129323.D
Acq: 22 Jul 2022 19:15

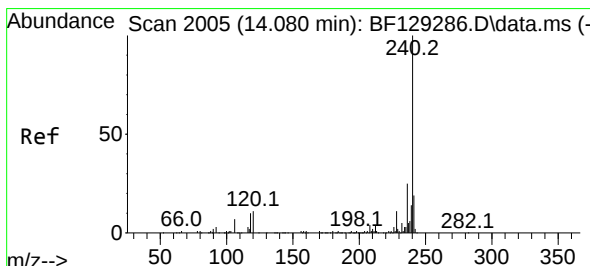
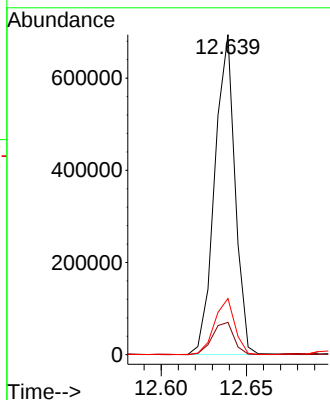
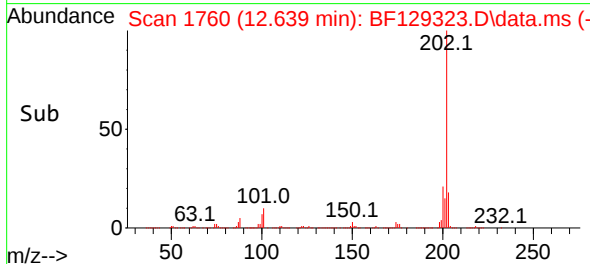
Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)



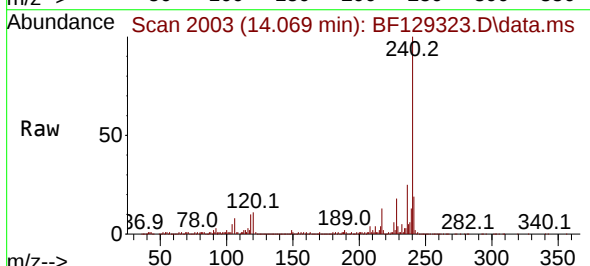
Tgt Ion:202 Resp: 57563
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.4
203 17.6 0.0 38.0

Manual Integrations
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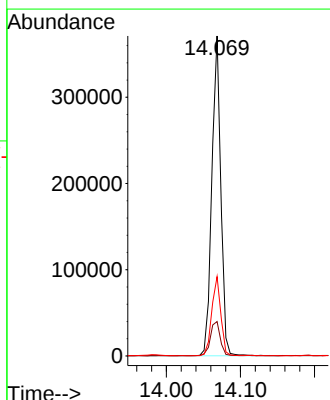
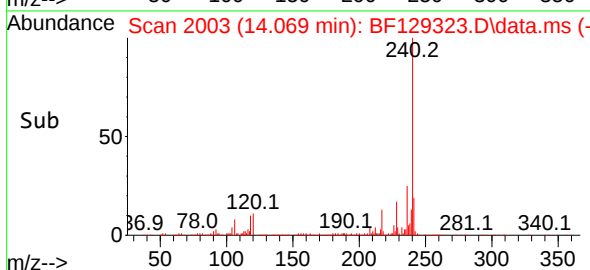
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

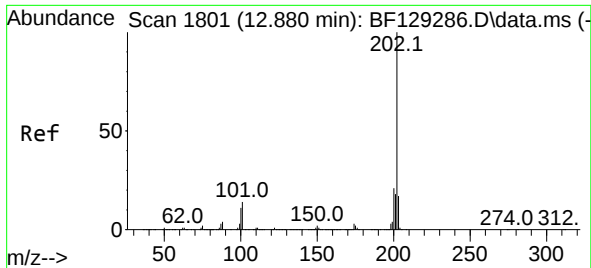


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129323.D
Acq: 22 Jul 2022 19:15



Tgt Ion:240 Resp: 311013
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 24.8 20.8 31.2





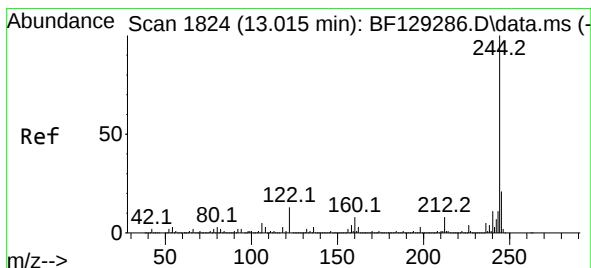
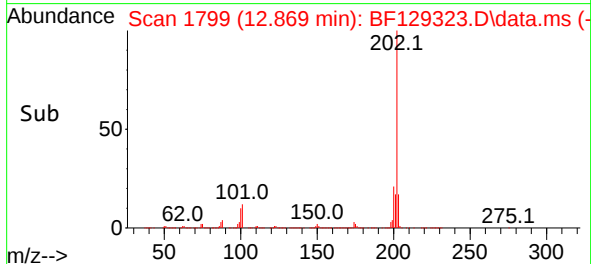
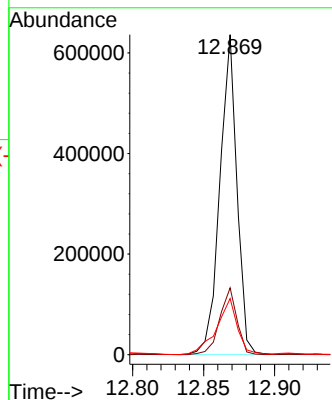
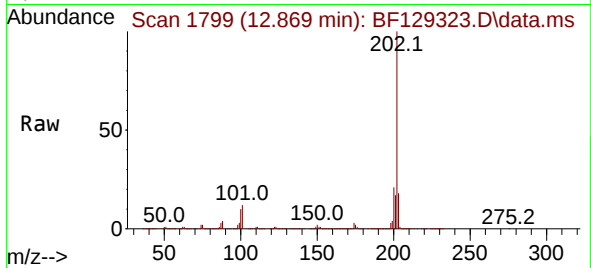
#78
Pyrene
Concen: 19.984 ng
RT: 12.869 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129323.D
Acq: 22 Jul 2022 19:15

Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)

Tgt Ion:202 Resp: 531570
Ion Ratio Lower Upper
202 100
200 20.9 17.7 26.5
203 17.6 14.6 21.8

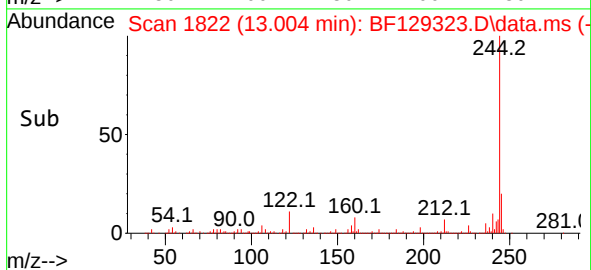
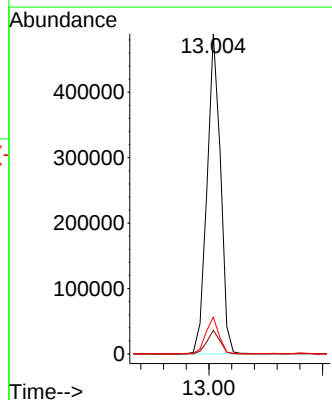
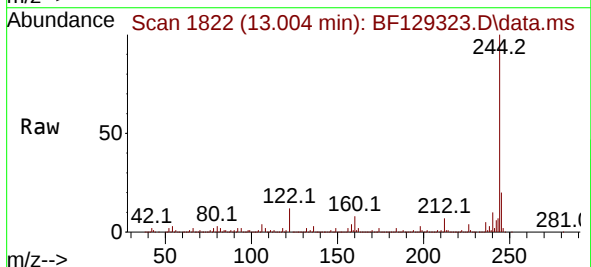
Manual Integrations
APPROVED

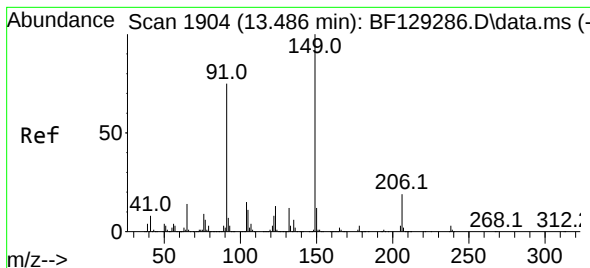
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#79
Terphenyl-d14
Concen: 24.104 ng
RT: 13.004 min Scan# 1822
Delta R.T. -0.012 min
Lab File: BF129323.D
Acq: 22 Jul 2022 19:15

Tgt Ion:244 Resp: 402521
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 11.5 8.8 13.2





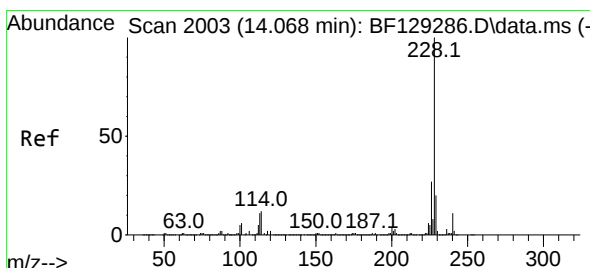
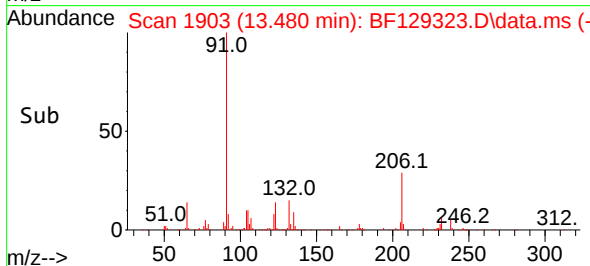
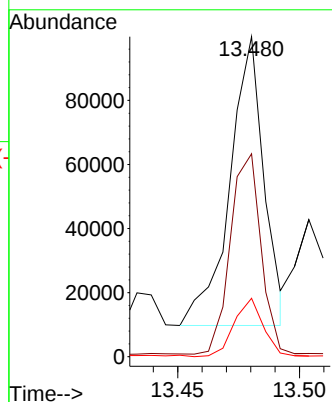
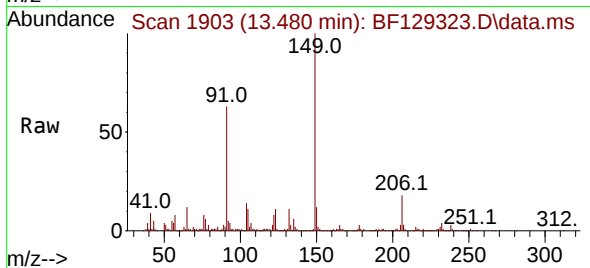
#80
Butylbenzylphthalate
Concen: 8.118 ng
RT: 13.480 min Scan# 1904
Delta R.T. -0.006 min
Lab File: BF129323.D
Acq: 22 Jul 2022 19:15

Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)

Tgt Ion:149 Resp: 88118
Ion Ratio Lower Upper
149 100
91 63.4 61.2 91.8
206 18.2 15.7 23.5

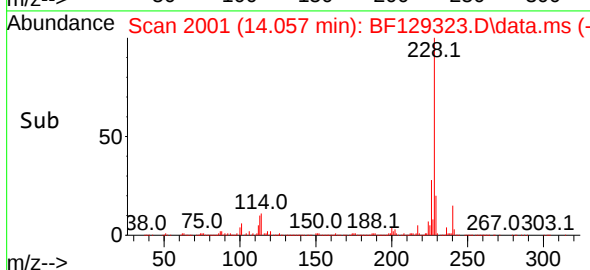
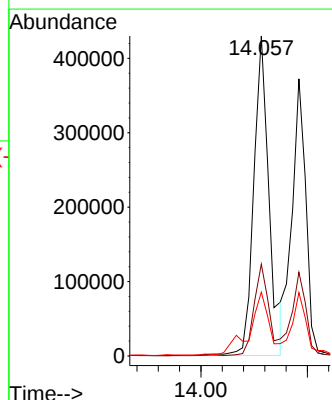
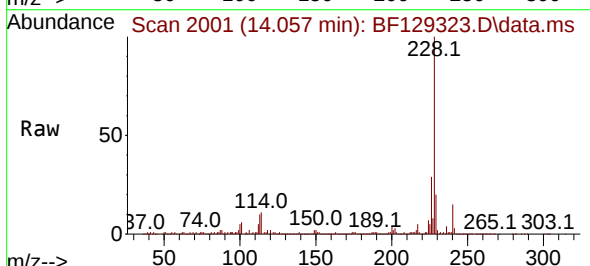
Manual Integrations
APPROVED

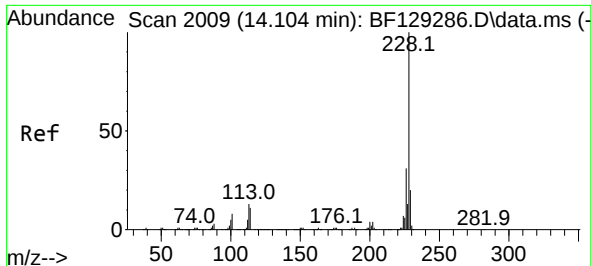
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#81
Benzo(a)anthracene
Concen: 19.874 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF129323.D
Acq: 22 Jul 2022 19:15

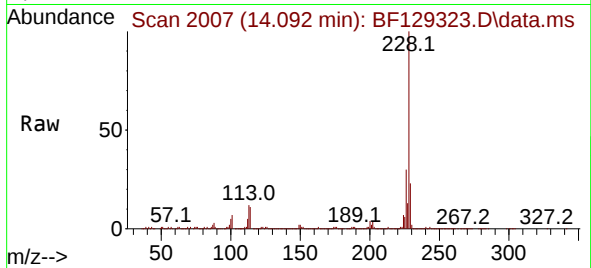
Tgt Ion:228 Resp: 425630
Ion Ratio Lower Upper
228 100
226 28.7 22.1 33.1
229 20.0 15.8 23.8





#83
Chrysene
Concen: 16.682 ng
RT: 14.092 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF129323.D
Acq: 22 Jul 2022 19:15

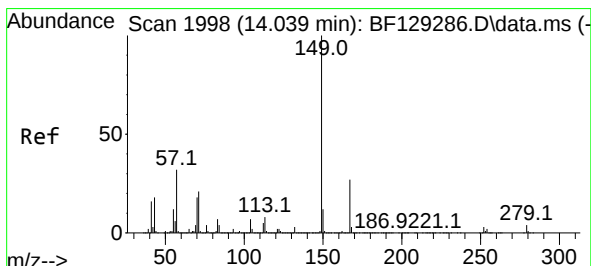
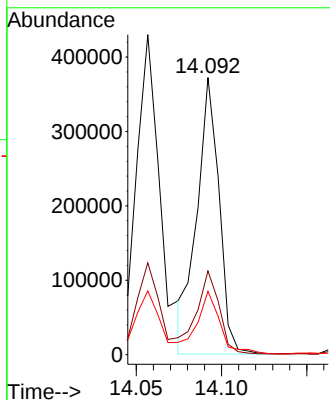
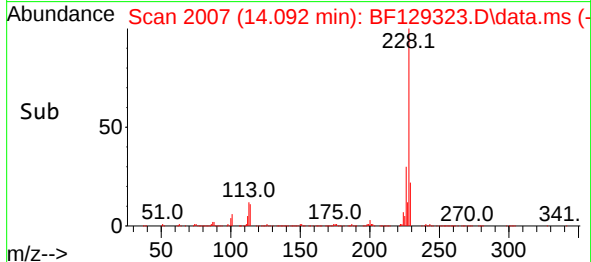
Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)



Tgt Ion:228 Resp: 337200
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 22.9 15.9 23.9

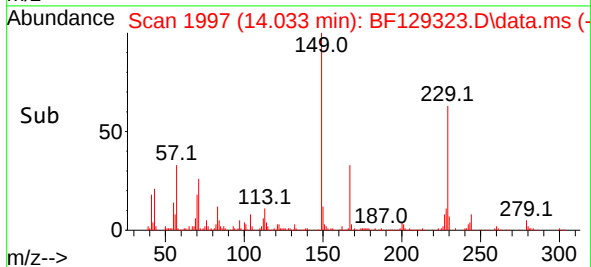
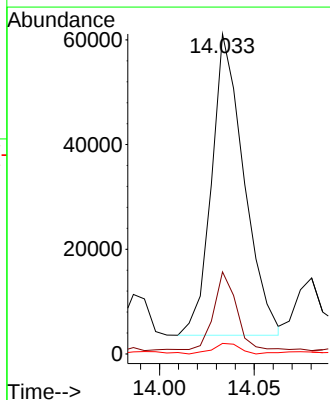
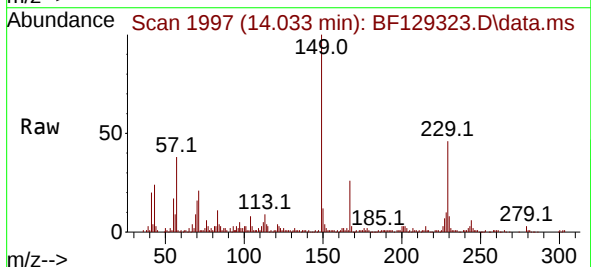
Manual Integrations
APPROVED

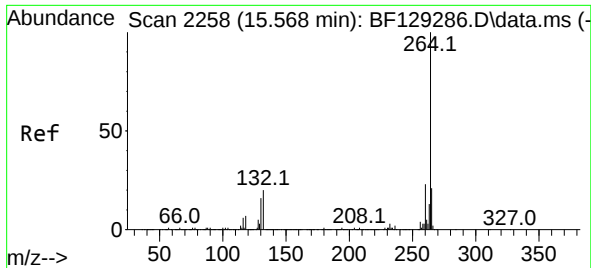
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.144 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129323.D
Acq: 22 Jul 2022 19:15

Tgt Ion:149 Resp: 68568
Ion Ratio Lower Upper
149 100
167 25.7 21.0 31.4
279 3.3 3.1 4.7





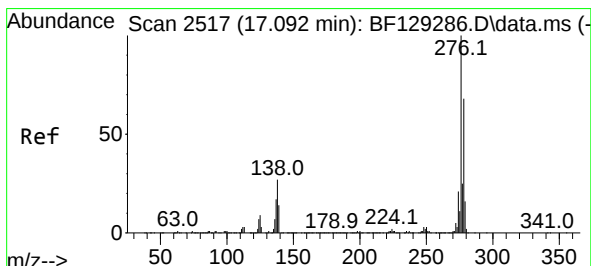
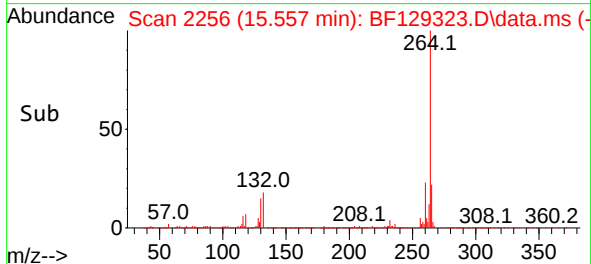
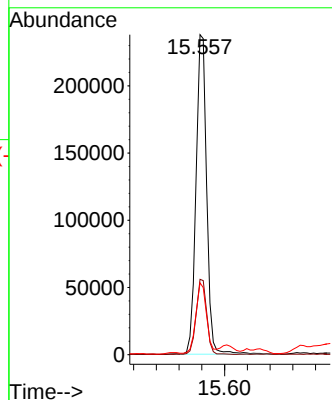
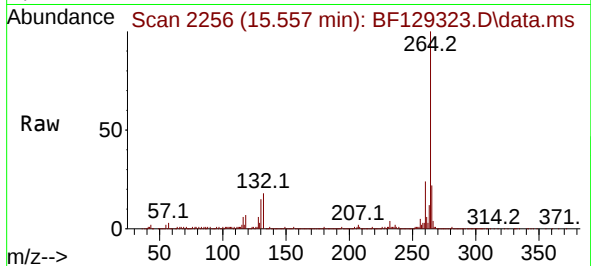
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129323.D
Acq: 22 Jul 2022 19:15

Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)

Tgt Ion:264 Resp: 31080
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 22.5 17.2 25.8

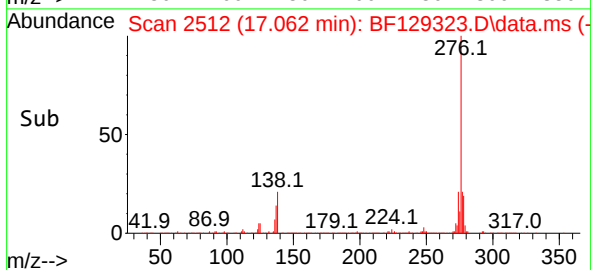
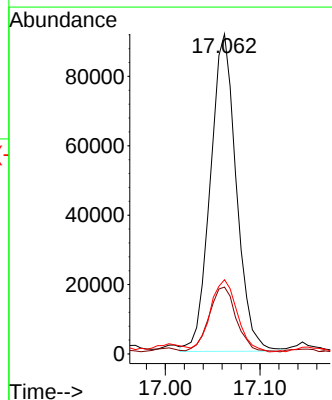
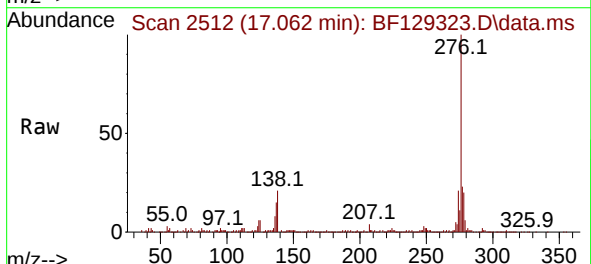
Manual Integrations
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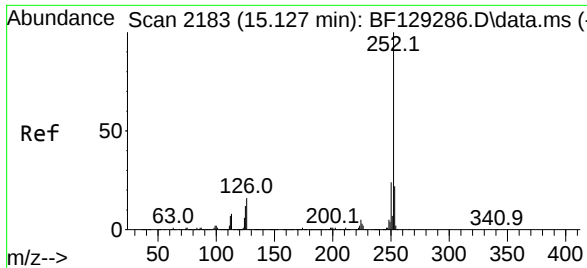
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 8.188 ng
RT: 17.062 min Scan# 2512
Delta R.T. -0.029 min
Lab File: BF129323.D
Acq: 22 Jul 2022 19:15

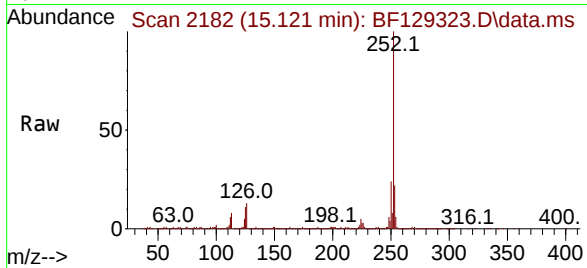
Tgt Ion:276 Resp: 174462
Ion Ratio Lower Upper
276 100
138 21.5 21.1 31.7
277 23.4 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 23.748 ng m
RT: 15.121 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BF129323.D
Acq: 22 Jul 2022 19:15

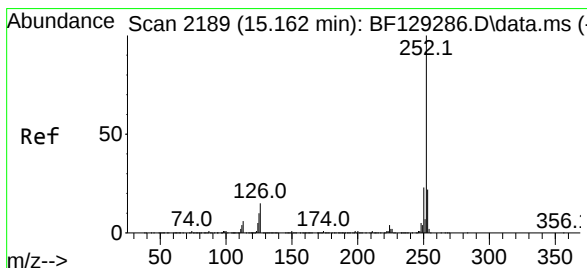
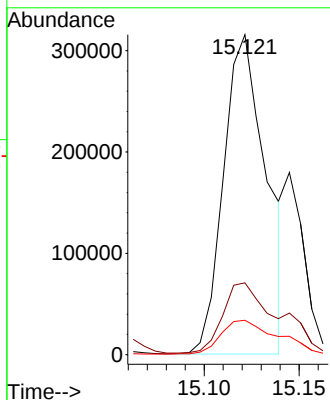
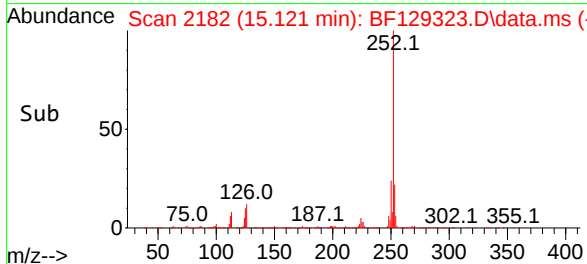
Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)



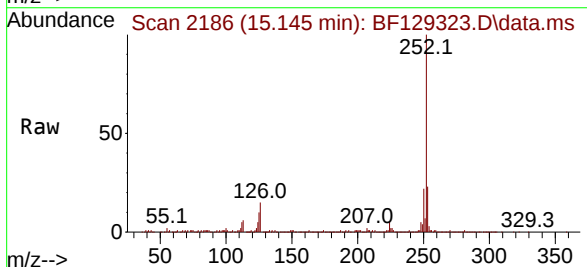
Tgt Ion:252 Resp: 491258
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 10.7 8.0 12.0

Manual Integrations
APPROVED

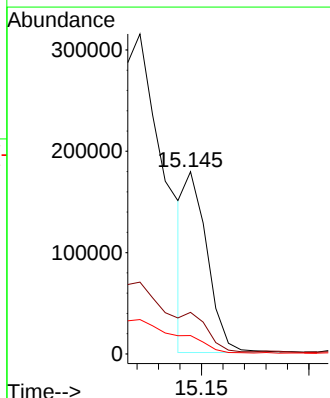
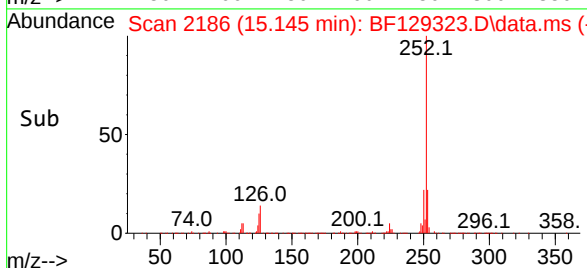
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

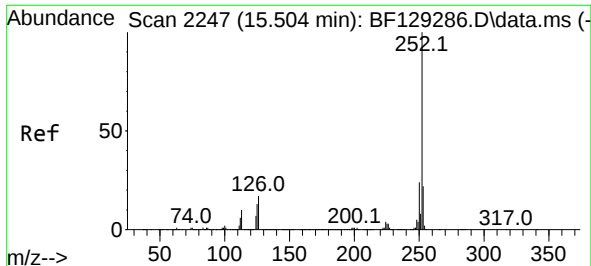


#89
Benzo(k)fluoranthene
Concen: 6.415 ng m
RT: 15.145 min Scan# 2186
Delta R.T. -0.018 min
Lab File: BF129323.D
Acq: 22 Jul 2022 19:15



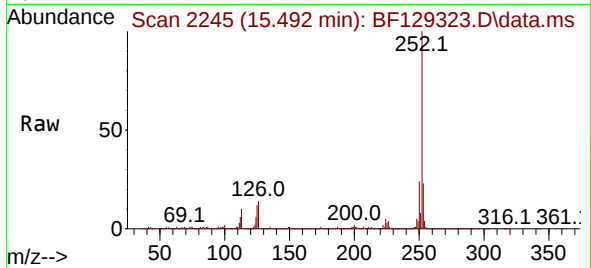
Tgt Ion:252 Resp: 128857
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 10.1 8.3 12.5





#90
Benzo(a)pyrene
Concen: 19.623 ng
RT: 15.492 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129323.D
Acq: 22 Jul 2022 19:15

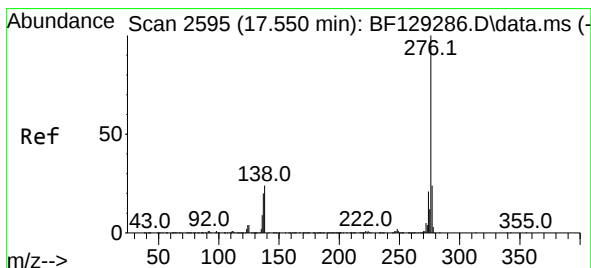
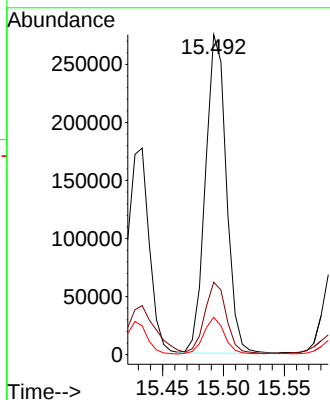
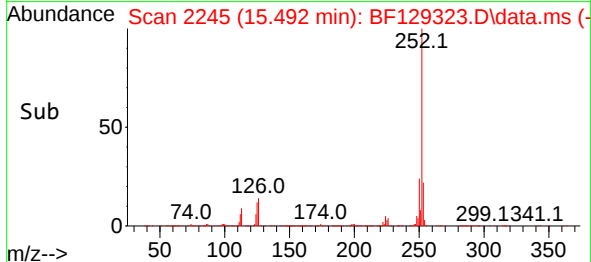
Instrument :
BNA_F
ClientSampleId :
ENV-DE-4(0-5)



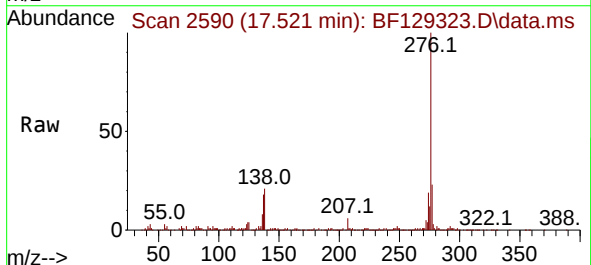
Tgt Ion:252 Resp: 328449
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 11.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#92
Benzo(g,h,i)perylene
Concen: 9.129 ng
RT: 17.521 min Scan# 2590
Delta R.T. -0.029 min
Lab File: BF129323.D
Acq: 22 Jul 2022 19:15



Tgt Ion:276 Resp: 162900
Ion Ratio Lower Upper
276 100
277 22.8 19.1 28.7
138 21.1 18.0 27.0

