

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
 Data File : BF130866.D
 Acq On : 29 Oct 2022 19:49
 Operator : CG\JU
 Sample : N5308-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-2-102622

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/31/2022
 Supervised By : Jagrut Upadhyay 11/01/2022

Quant Time: Oct 30 23:26:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 05:41:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	64977	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	212325	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	97636	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	185331	20.000	ng	0.00
76) Chrysene-d12	14.133	240	125728	20.000	ng	0.00
86) Perylene-d12	15.651	264	91450	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	394614	105.285	ng	0.00
7) Phenol-d6	6.563	99	458708	94.179	ng	0.00
23) Nitrobenzene-d5	7.504	82	285774	81.158	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	97993	119.228	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	419020	64.885	ng	0.00
79) Terphenyl-d14	13.069	244	392739	57.241	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.504	178	66570	6.959	ng	99
72) Anthracene	11.557	178	22547	2.390	ng	97
75) Fluoranthene	12.698	202	159064	15.651	ng	99
78) Pyrene	12.933	202	147723	13.926	ng	98
81) Benzo(a)anthracene	14.121	228	69770	8.370	ng	94
83) Chrysene	14.157	228	69979m	8.703	ng	
87) Indeno(1,2,3-cd)pyrene	17.198	276	31071	5.116	ng	97
88) Benzo(b)fluoranthene	15.198	252	78929m	13.352	ng	
89) Benzo(k)fluoranthene	15.227	252	19590m	3.401	ng	
90) Benzo(a)pyrene	15.586	252	49740	10.467	ng	# 82
92) Benzo(g,h,i)perylene	17.674	276	30798	6.098	ng	# 89

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

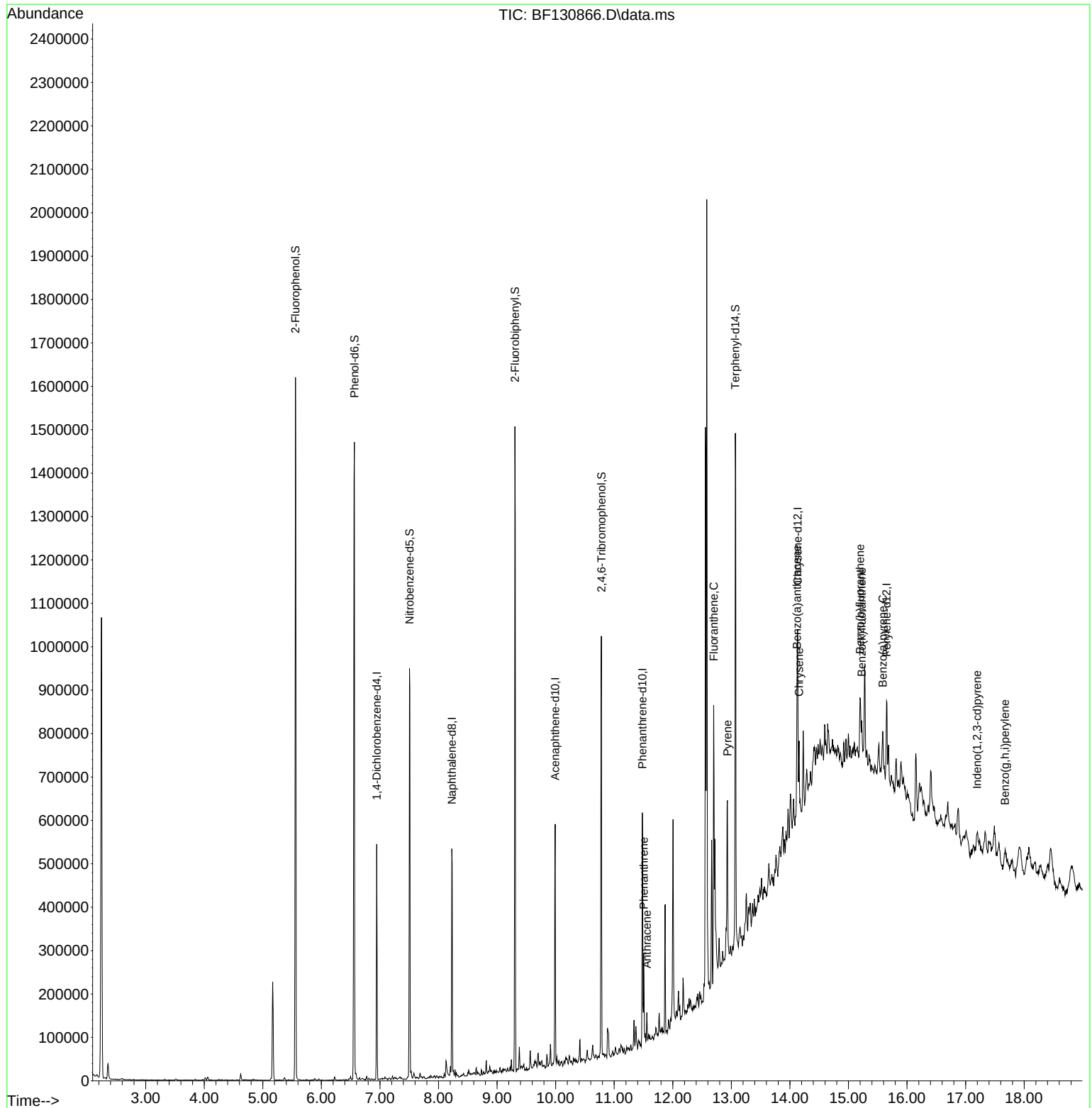
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130866.D
Acq On : 29 Oct 2022 19:49
Operator : CG\JU
Sample : N5308-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

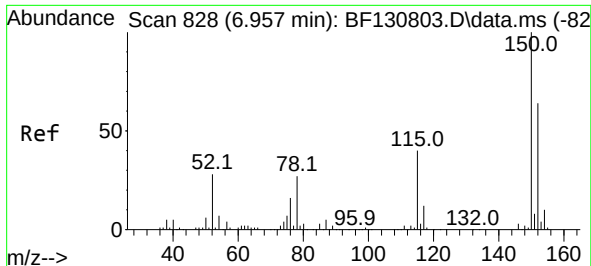
Instrument :
BNA_F
ClientSampleId :
PL-2-102622

Quant Time: Oct 30 23:26:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 05:41:34 2022
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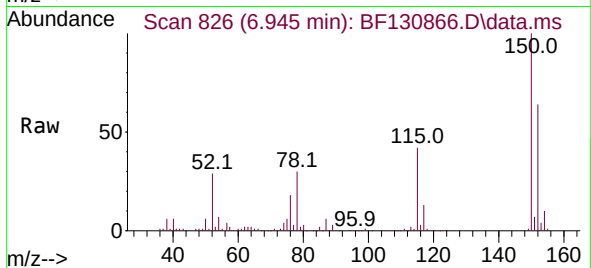
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130866.D
Acq: 29 Oct 2022 19:49

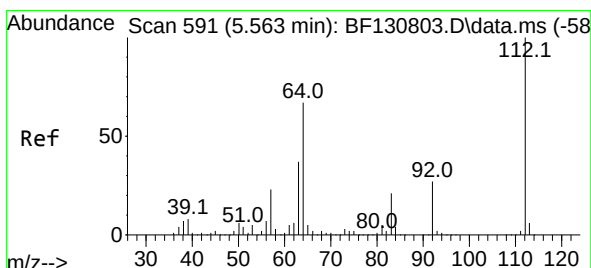
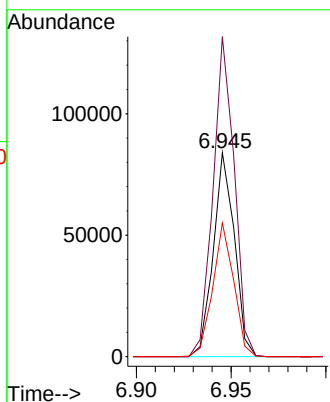
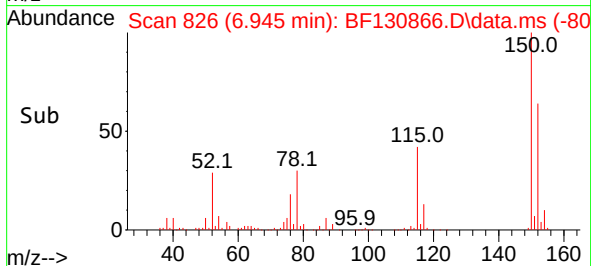
Instrument :
BNA_F
ClientSampleId :
PL-2-102622



Tgt Ion:152 Resp: 64972
Ion Ratio Lower Upper
152 100
150 156.9 124.1 186.1
115 65.5 50.1 75.1

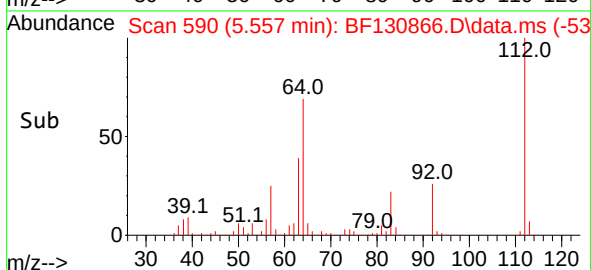
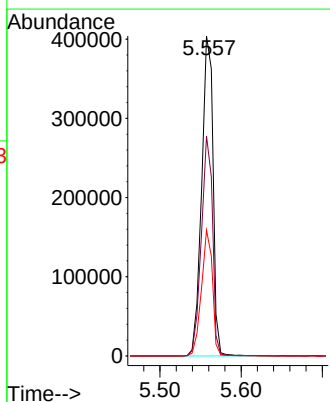
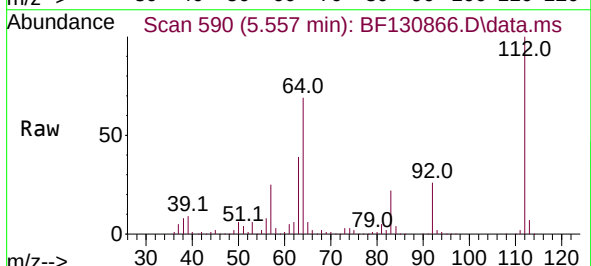
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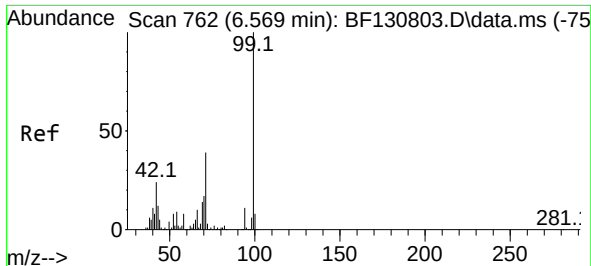
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#5
2-Fluorophenol
Concen: 105.285 ng
RT: 5.557 min Scan# 590
Delta R.T. -0.000 min
Lab File: BF130866.D
Acq: 29 Oct 2022 19:49

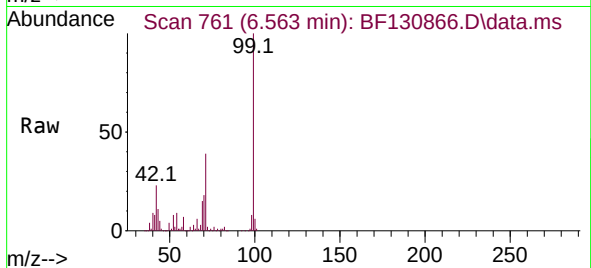
Tgt Ion:112 Resp: 394614
Ion Ratio Lower Upper
112 100
64 68.7 53.9 80.9
63 39.3 29.4 44.2





#7
Phenol-d6
Concen: 94.179 ng
RT: 6.563 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF130866.D
Acq: 29 Oct 2022 19:49

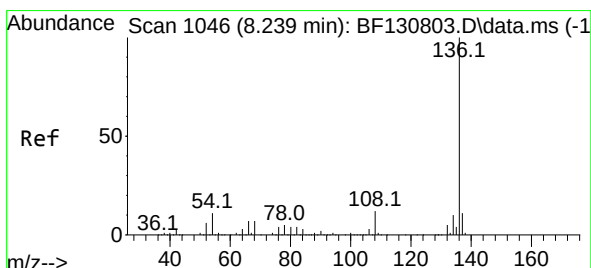
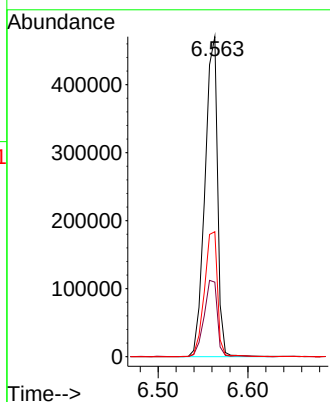
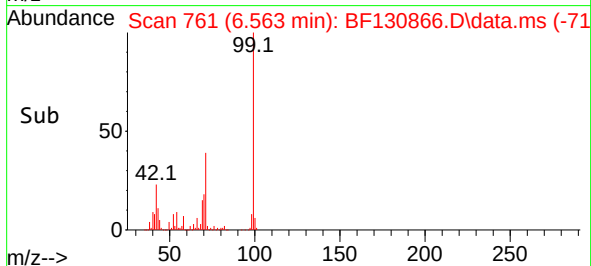
Instrument :
BNA_F
ClientSampleId :
PL-2-102622



Tgt Ion: 99 Resp: 458708
Ion Ratio Lower Upper
99 100
42 23.3 18.8 28.2
71 39.0 31.4 47.0

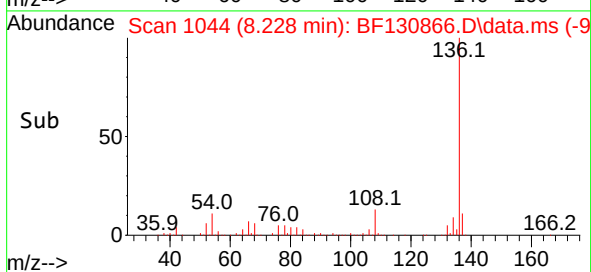
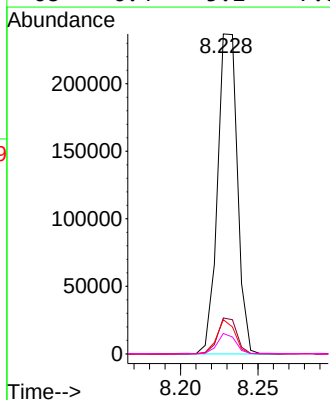
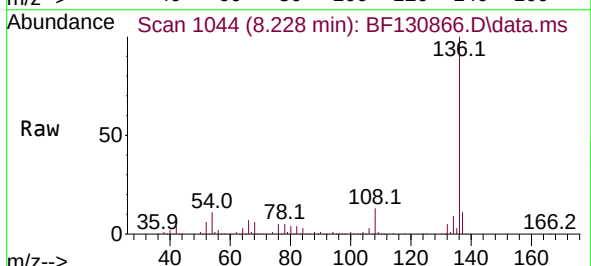
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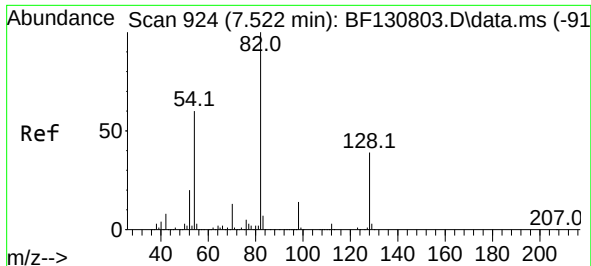
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130866.D
Acq: 29 Oct 2022 19:49

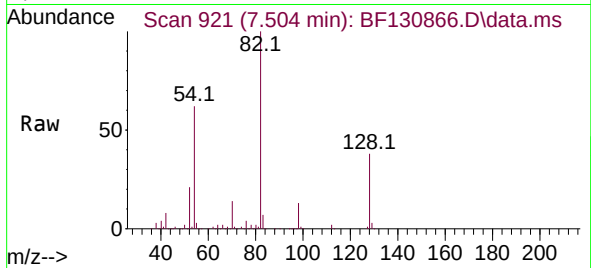
Tgt Ion:136 Resp: 212325
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 10.7 8.8 13.2
68 6.4 5.2 7.8





#23
Nitrobenzene-d5
Concen: 81.158 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130866.D
Acq: 29 Oct 2022 19:49

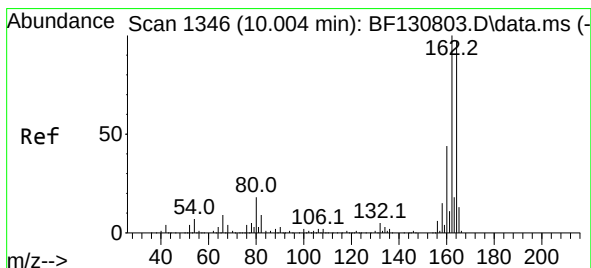
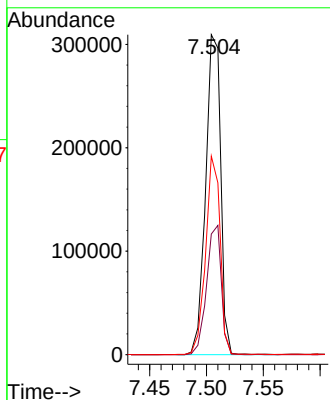
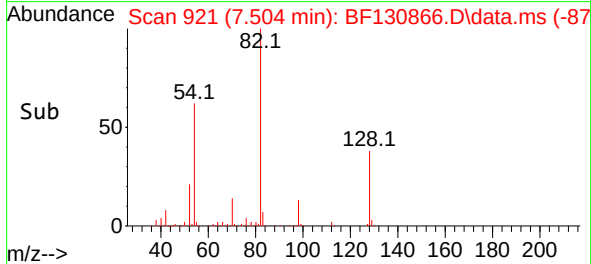
Instrument :
BNA_F
ClientSampleId :
PL-2-102622



Tgt Ion: 82 Resp: 285774
Ion Ratio Lower Upper
82 100
128 37.7 31.2 46.8
54 62.0 48.0 72.0

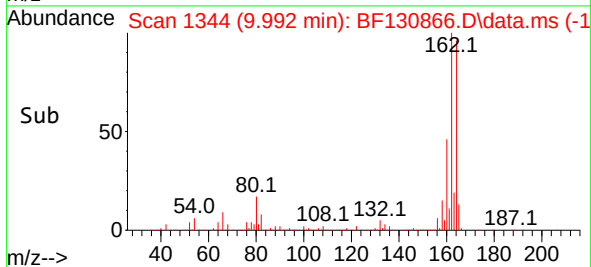
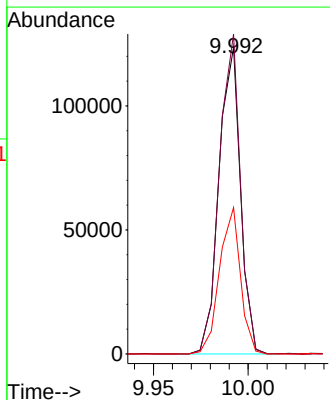
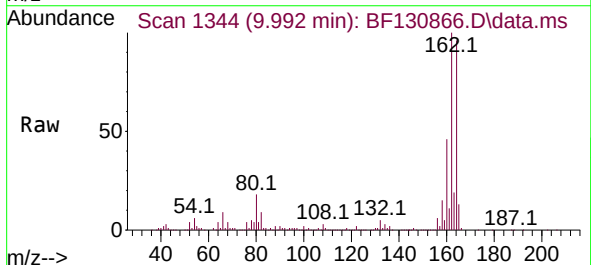
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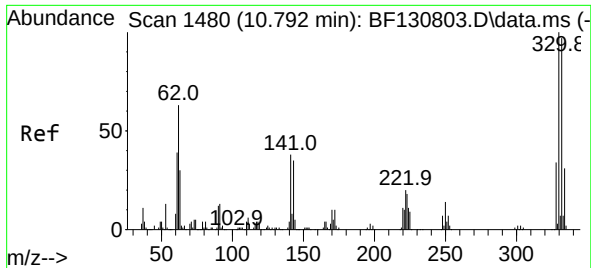
Reviewed By :Christian Giraldo 10/31/2022
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BF130866.D
Acq: 29 Oct 2022 19:49

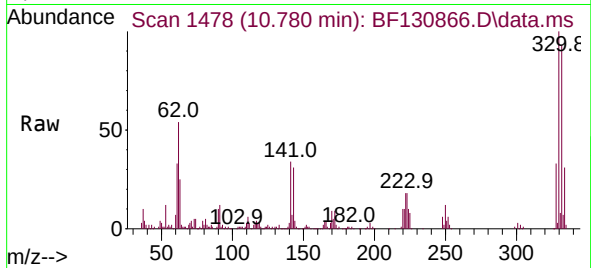
Tgt Ion:164 Resp: 97636
Ion Ratio Lower Upper
164 100
162 104.4 82.2 123.2
160 47.7 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 119.228 ng
RT: 10.780 min Scan# 1478
Delta R.T. -0.006 min
Lab File: BF130866.D
Acq: 29 Oct 2022 19:49

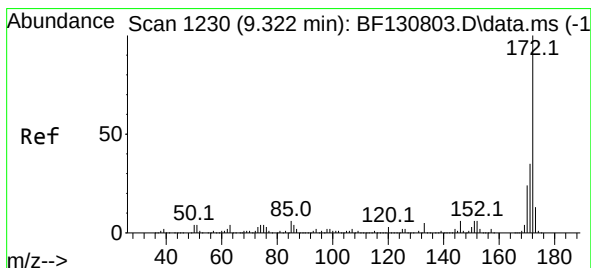
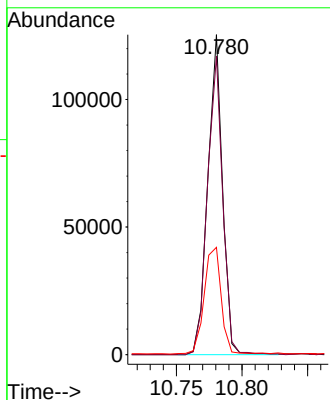
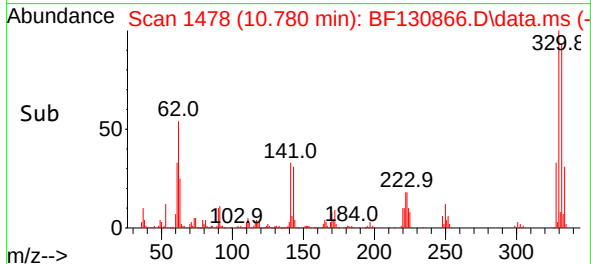
Instrument :
BNA_F
ClientSampleId :
PL-2-102622



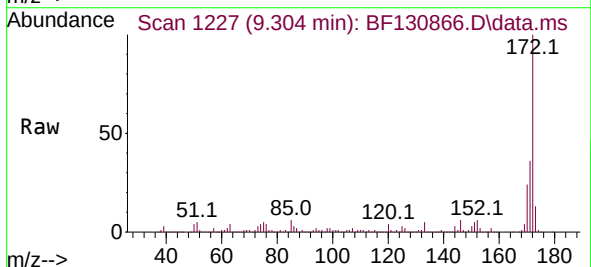
Tgt Ion: 330 Resp: 97993
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 38.5 31.4 47.0

Manual Integrations
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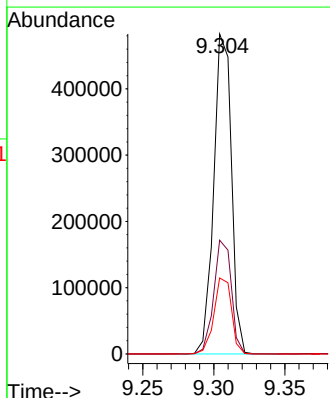
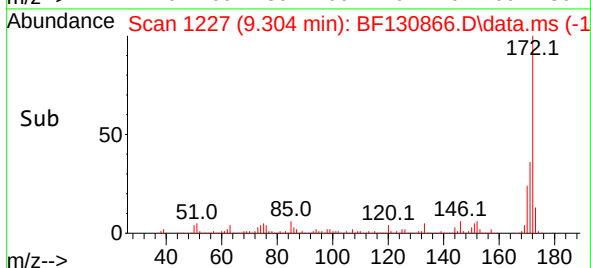
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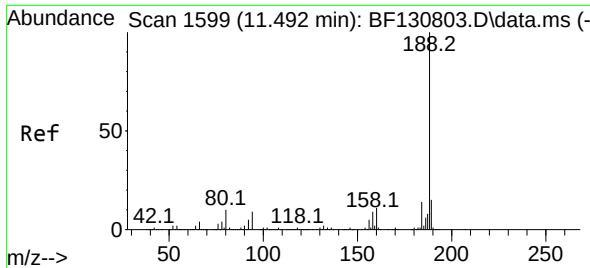


#45
2-Fluorobiphenyl
Concen: 64.885 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF130866.D
Acq: 29 Oct 2022 19:49



Tgt Ion: 172 Resp: 419020
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.7 19.0 28.4





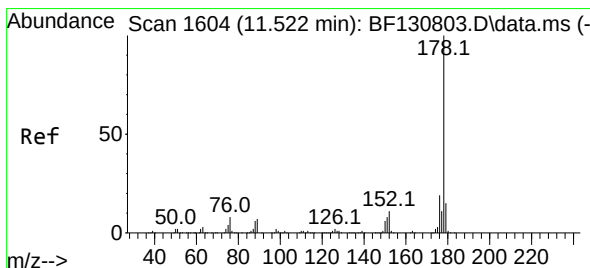
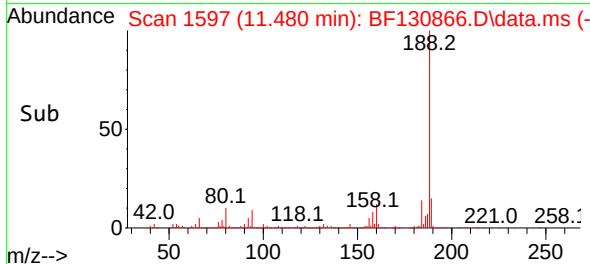
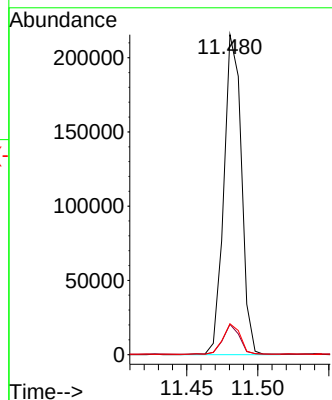
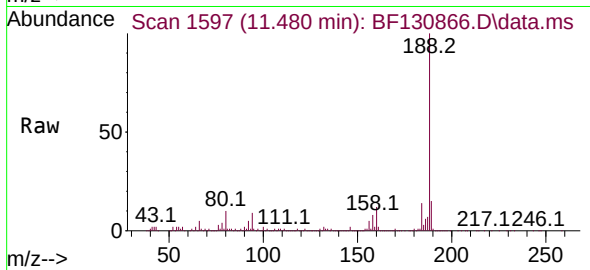
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130866.D
Acq: 29 Oct 2022 19:49

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BNA_F
ClientSampleId :
PL-2-102622

Tgt Ion:188 Resp: 18533
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 9.6 8.0 12.0

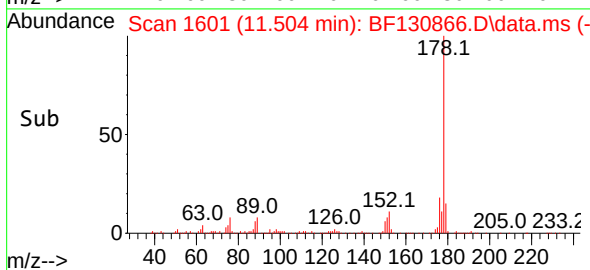
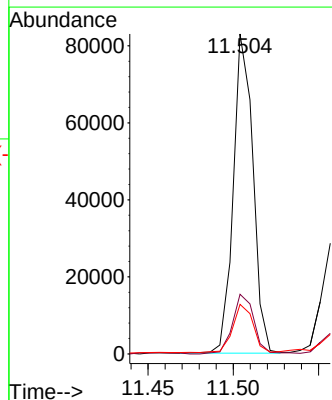
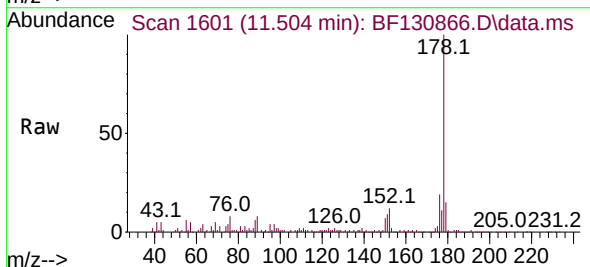
Manual Integrations
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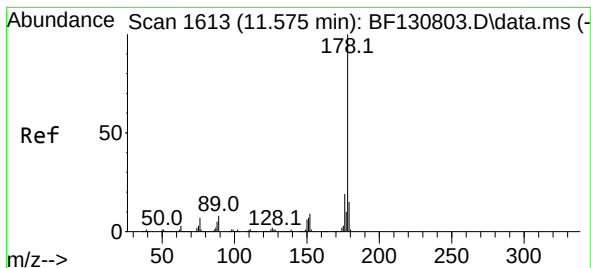
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#71
Phenanthrene
Concen: 6.959 ng
RT: 11.504 min Scan# 1601
Delta R.T. -0.006 min
Lab File: BF130866.D
Acq: 29 Oct 2022 19:49

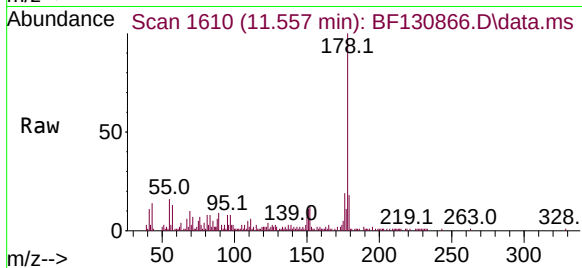
Tgt Ion:178 Resp: 66570
Ion Ratio Lower Upper
178 100
176 18.6 15.5 23.3
179 15.5 12.2 18.2





#72
 Anthracene
 Concen: 2.390 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. -0.006 min
 Lab File: BF130866.D
 Acq: 29 Oct 2022 19:49

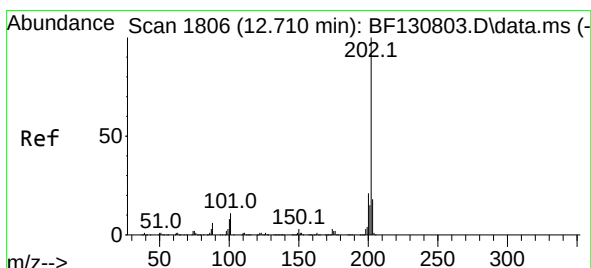
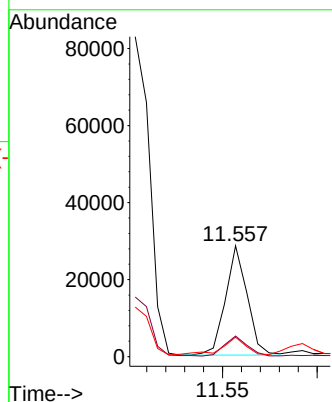
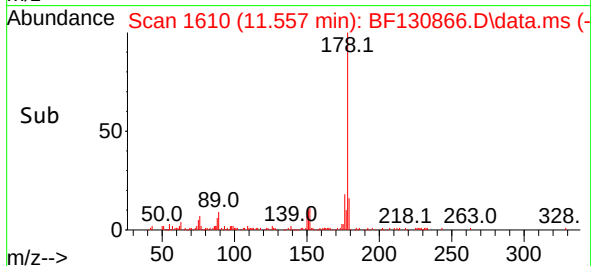
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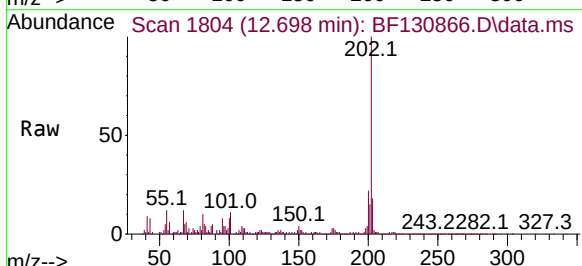
Tgt Ion:178 Resp: 22547
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.0
 179 17.5 12.2 18.4

Manual Integrations
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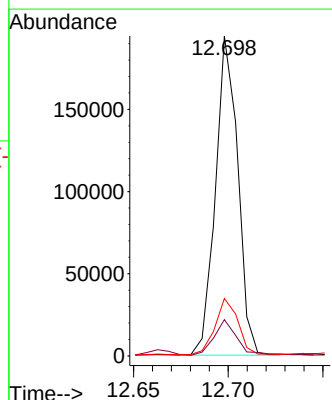
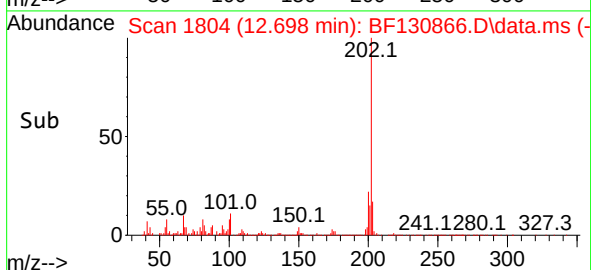
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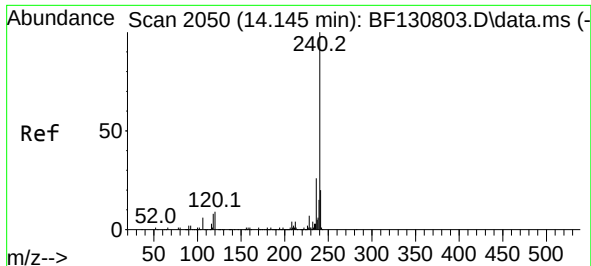


#75
 Fluoranthene
 Concen: 15.651 ng
 RT: 12.698 min Scan# 1804
 Delta R.T. -0.006 min
 Lab File: BF130866.D
 Acq: 29 Oct 2022 19:49



Tgt Ion:202 Resp: 159064
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 30.9
 203 17.9 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BF130866.D
Acq: 29 Oct 2022 19:49

Instrument :

BNA_F

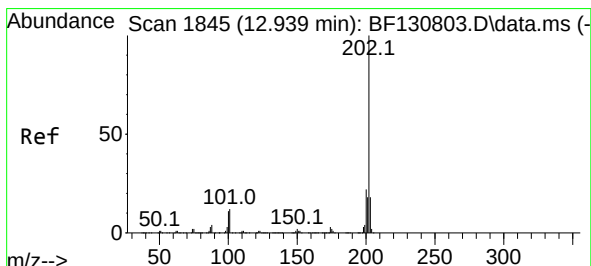
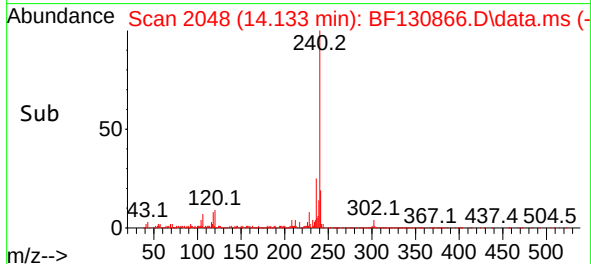
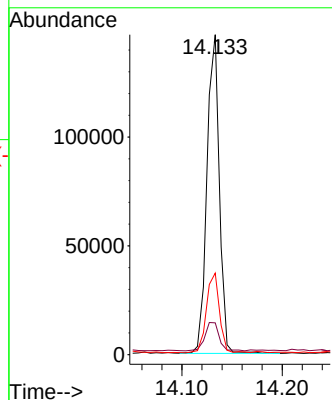
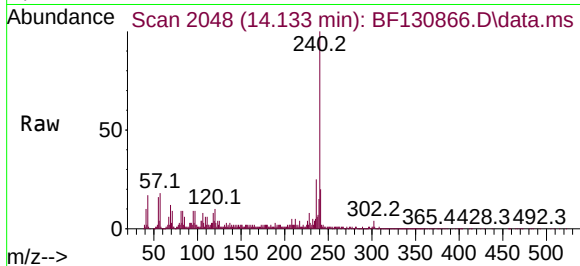
ClientSampleId :

PL-2-102622

Tgt Ion:240 Resp: 125728
Ion Ratio Lower Upper
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120 9.9 7.0 10.4
236 25.5 20.5 30.7

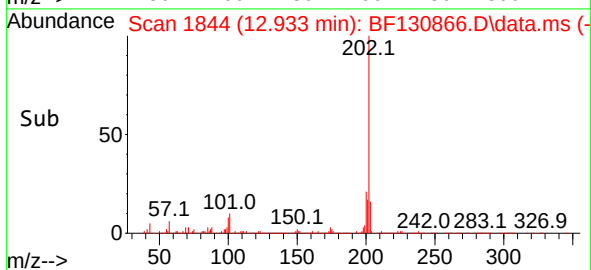
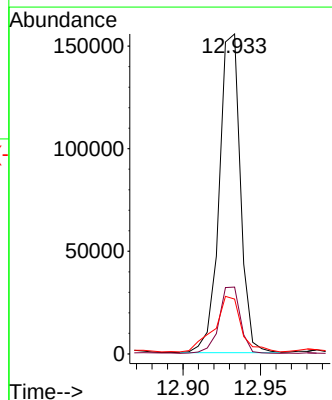
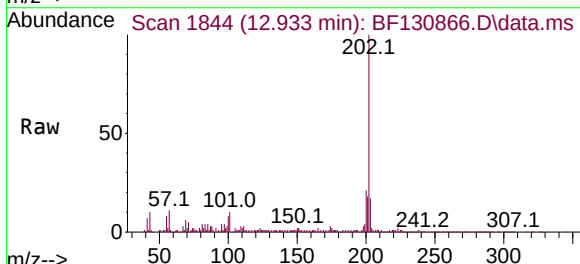
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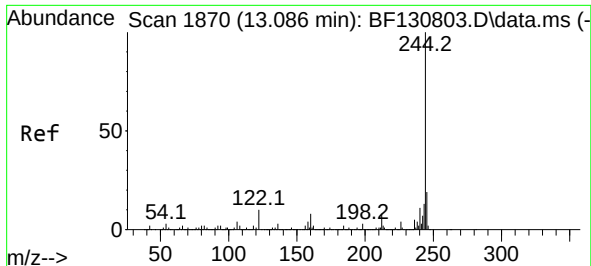
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#78
Pyrene
Concen: 13.926 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF130866.D
Acq: 29 Oct 2022 19:49

Tgt Ion:202 Resp: 147723
Ion Ratio Lower Upper
202 100
200 20.9 17.2 25.8
203 17.2 14.5 21.7





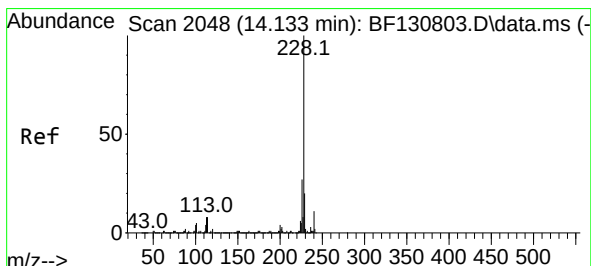
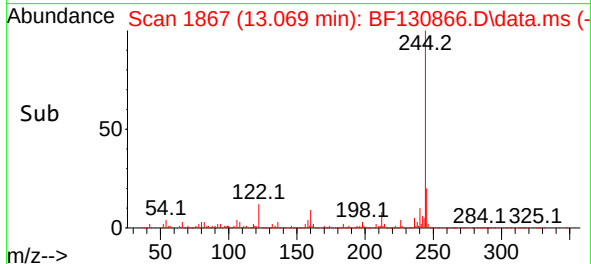
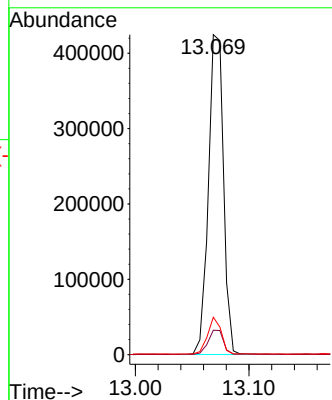
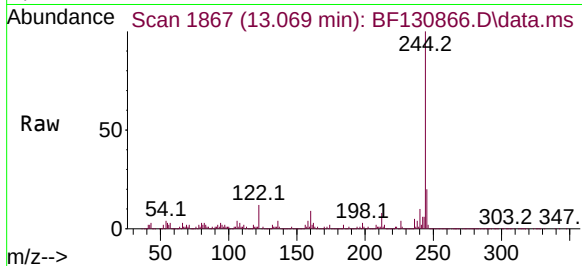
#79
Terphenyl-d14
Concen: 57.241 ng
RT: 13.069 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BF130866.D
Acq: 29 Oct 2022 19:49

Instrument :
BNA_F
ClientSampleId :
PL-2-102622

Tgt Ion:244 Resp: 392739
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 11.7 7.9 11.9

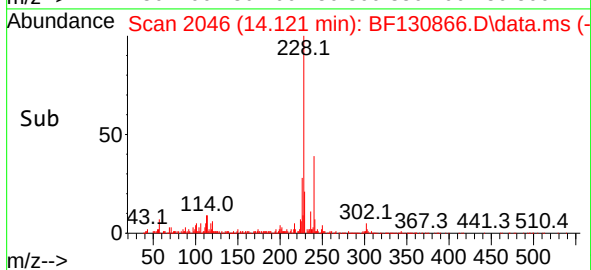
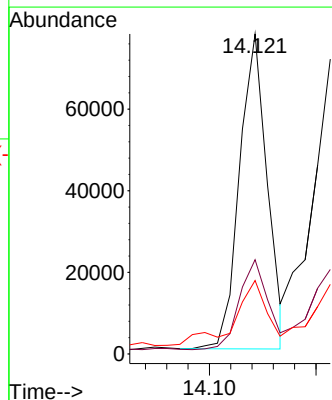
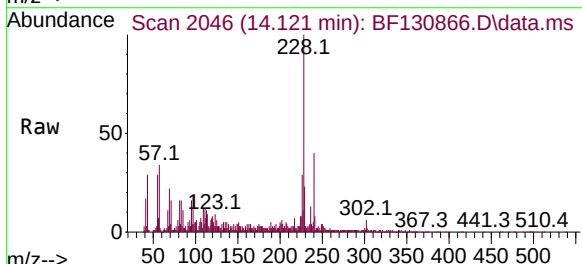
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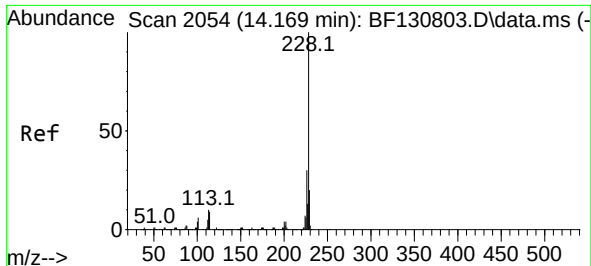
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#81
Benzo(a)anthracene
Concen: 8.370 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BF130866.D
Acq: 29 Oct 2022 19:49

Tgt Ion:228 Resp: 69770
Ion Ratio Lower Upper
228 100
226 29.4 21.4 32.2
229 22.9 15.8 23.6





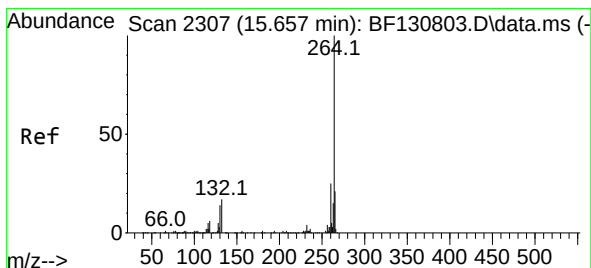
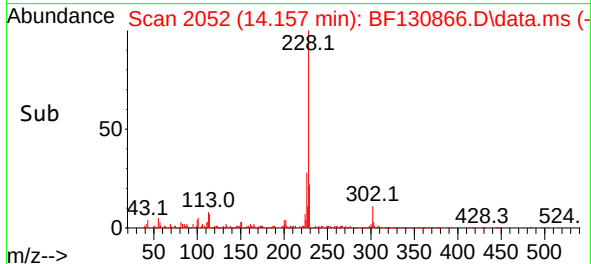
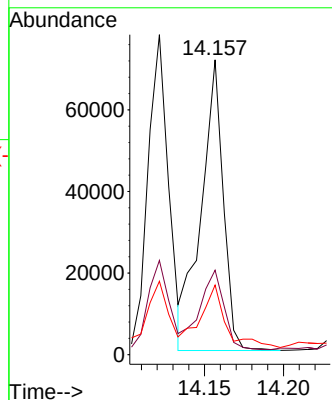
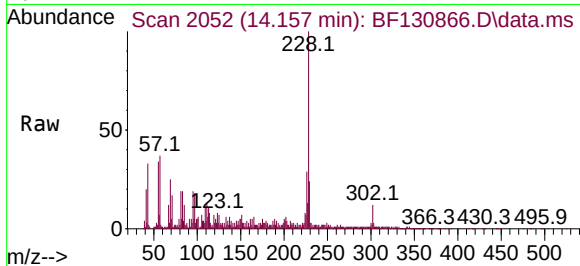
#83
Chrysene
Concen: 8.703 ng m
RT: 14.157 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BF130866.D
Acq: 29 Oct 2022 19:49

Instrument :
BNA_F
ClientSampleId :
PL-2-102622

Tgt Ion:228 Resp: 69979
Ion Ratio Lower Upper
228 100
226 28.6 23.9 35.9
229 23.6 15.8 23.6

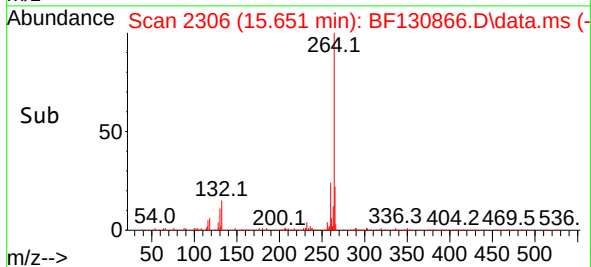
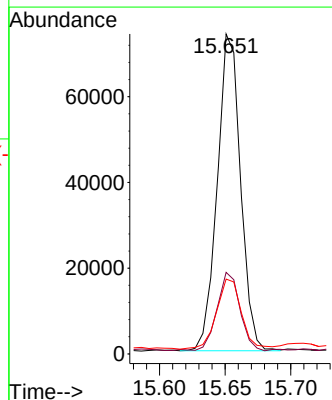
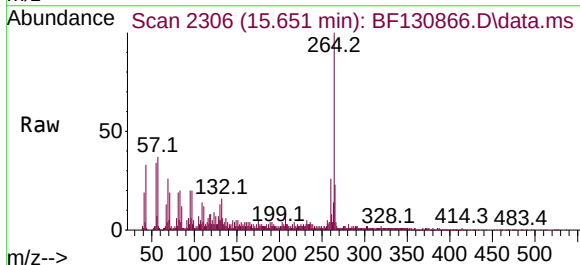
Manual Integrations
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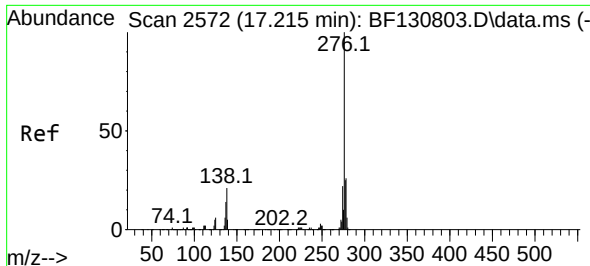
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 2306
Delta R.T. 0.006 min
Lab File: BF130866.D
Acq: 29 Oct 2022 19:49

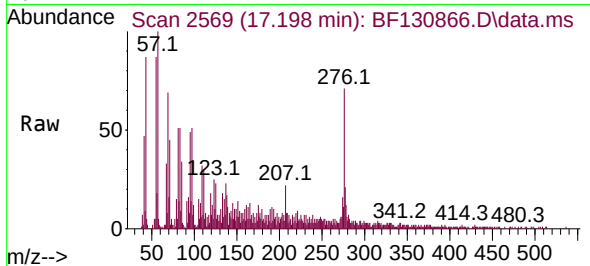
Tgt Ion:264 Resp: 91450
Ion Ratio Lower Upper
264 100
260 25.5 19.9 29.9
265 23.4 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 5.116 ng
RT: 17.198 min Scan# 2107
Delta R.T. 0.006 min
Lab File: BF130866.D
Acq: 29 Oct 2022 19:49

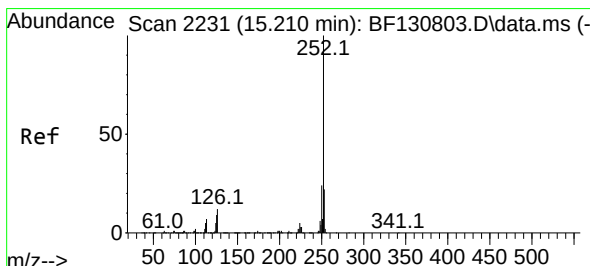
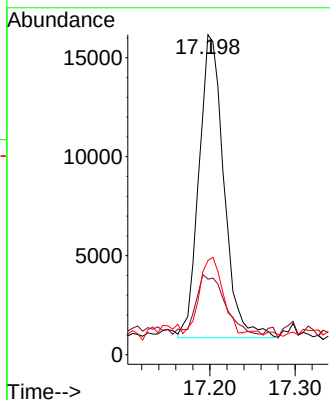
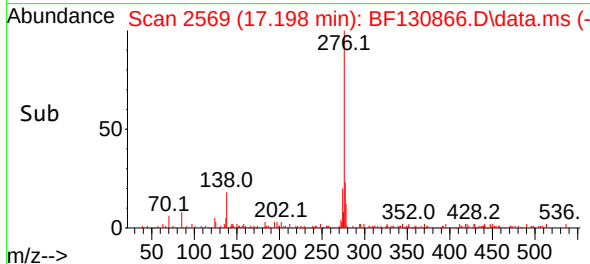
Instrument :
BNA_F
ClientSampleId :
PL-2-102622



Tgt Ion: 276 Resp: 3107
Ion Ratio Lower Upper
276 100
138 22.7 19.1 28.7
277 23.1 20.1 30.1

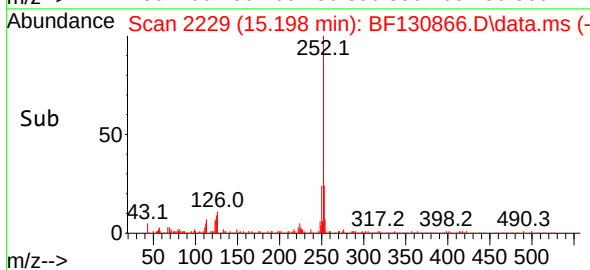
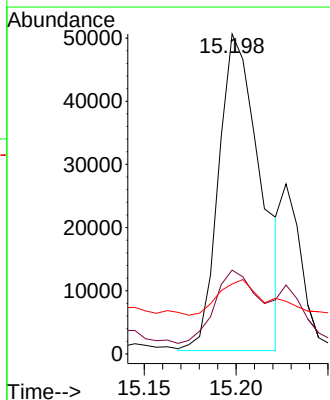
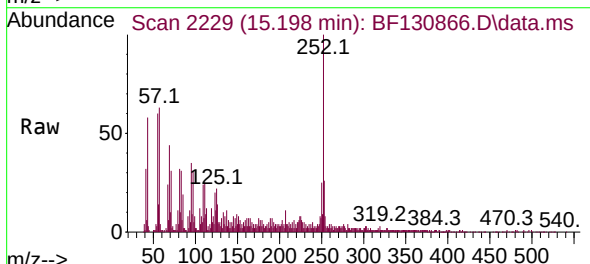
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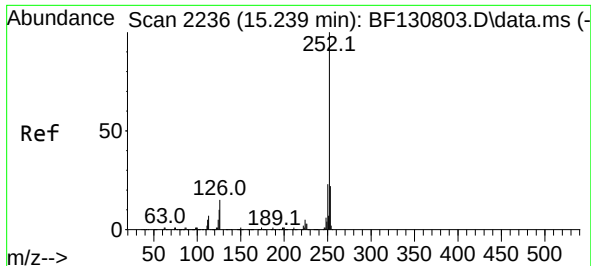
Reviewed By : Christian Giraldo 10/31/2022
Supervised By : Jagrut Upadhyay 11/01/2022



#88
Benzo(b)fluoranthene
Concen: 13.352 ng m
RT: 15.198 min Scan# 2229
Delta R.T. -0.000 min
Lab File: BF130866.D
Acq: 29 Oct 2022 19:49

Tgt Ion: 252 Resp: 78929
Ion Ratio Lower Upper
252 100
253 26.2 17.5 26.3
125 21.8 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 3.401 ng m

RT: 15.227 min Scan# 2236

Delta R.T. -0.000 min

Lab File: BF130866.D

Acq: 29 Oct 2022 19:49

Instrument :

BNF

ClientSampleId :

PL-2-102622

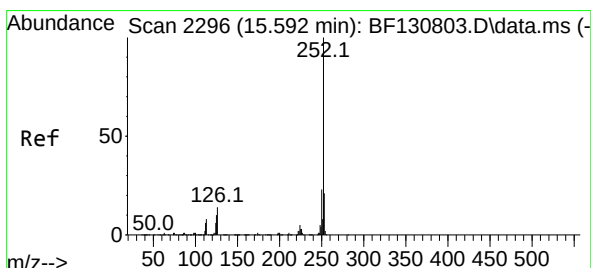
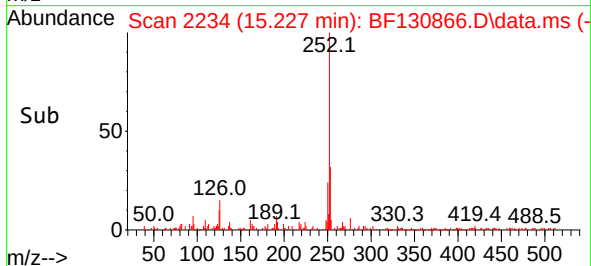
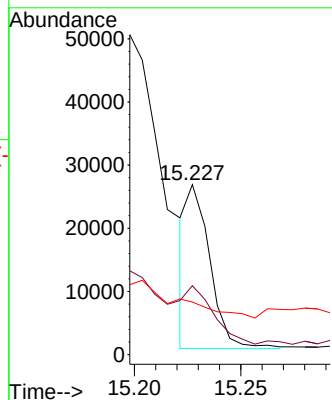
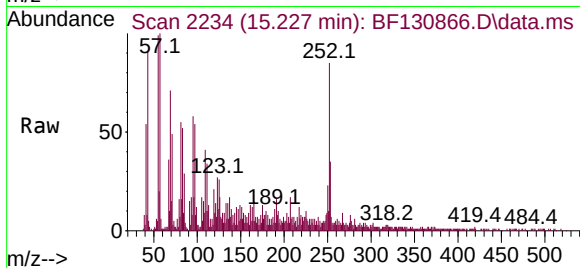
Tgt Ion:	252	Resp:	19590
Ion Ratio	Lower	Upper	
252	100		
253	40.5	17.5	26.3
125	30.9	8.0	12.0

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#90

Benzo(a)pyrene

Concen: 10.467 ng

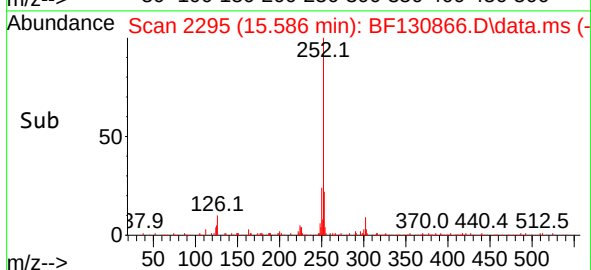
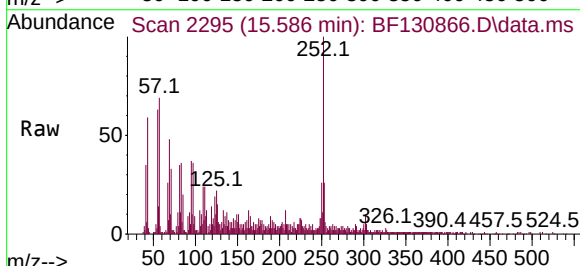
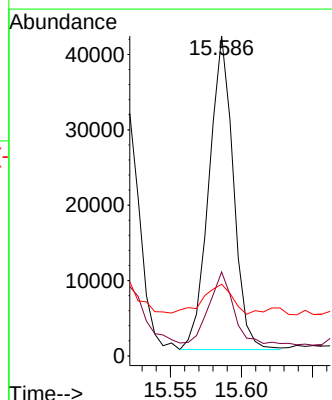
RT: 15.586 min Scan# 2295

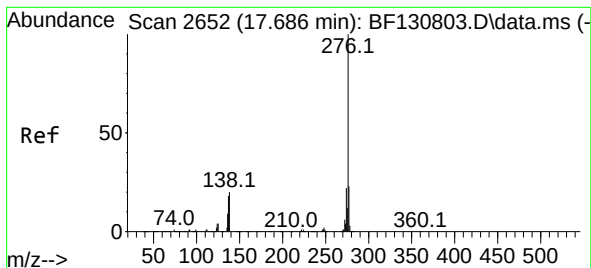
Delta R.T. 0.006 min

Lab File: BF130866.D

Acq: 29 Oct 2022 19:49

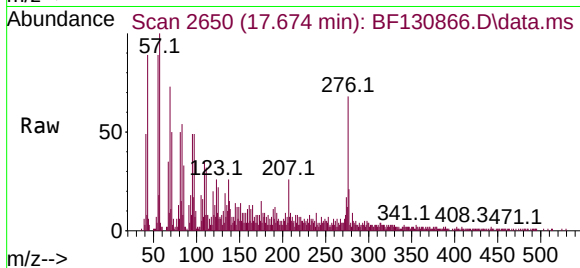
Tgt Ion:	252	Resp:	49740
Ion Ratio	Lower	Upper	
252	100		
253	26.2	16.8	25.2
125	22.4	8.3	12.5





#92
 Benzo(g,h,i)perylene
 Concen: 6.098 ng
 RT: 17.674 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: BF130866.D
 Acq: 29 Oct 2022 19:49

Instrument :
 BNA_F
 ClientSampleId :
 PL-2-102622



Tgt Ion: 276 Resp: 30798

Ion	Ratio	Lower	Upper
276	100		
277	31.4	18.8	28.2
138	22.8	16.3	24.5

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/31/2022
 Supervised By : Jagrut Upadhyay 11/01/2022

