

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
 Data File : BF130868.D
 Acq On : 29 Oct 2022 20:50
 Operator : CG\JU
 Sample : N5307-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-102622

Manual Integrations
 APPROVED

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

Quant Time: Oct 30 23:27:38 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	65548	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	215355	20.000	ng	# 0.00
39) Acenaphthene-d10	9.992	164	102722	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	195065	20.000	ng	0.00
76) Chrysene-d12	14.133	240	123861	20.000	ng	# 0.00
86) Perylene-d12	15.657	264	89752	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	438050	115.855	ng	0.00
7) Phenol-d6	6.563	99	514215	104.655	ng	0.00
23) Nitrobenzene-d5	7.510	82	306635	85.857	ng	0.00
42) 2,4,6-Tribromophenol	10.781	330	115232	133.261	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	515954	75.939	ng	0.00
79) Terphenyl-d14	13.075	244	537084	79.459	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.510	178	38837	3.857	ng	97
75) Fluoranthene	12.704	202	120626	11.277	ng	98
78) Pyrene	12.933	202	122549	11.727	ng	100
81) Benzo(a)anthracene	14.121	228	59857	7.289	ng	92
83) Chrysene	14.157	228	50011m	6.314	ng	
87) Indeno(1,2,3-cd)pyrene	17.210	276	28685	4.813	ng	96
88) Benzo(b)fluoranthene	15.204	252	64167m	11.060	ng	
89) Benzo(k)fluoranthene	15.233	252	22954m	4.060	ng	
90) Benzo(a)pyrene	15.592	252	45450	9.745	ng	# 81
92) Benzo(g,h,i)perylene	17.680	276	30324	6.117	ng	# 86

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

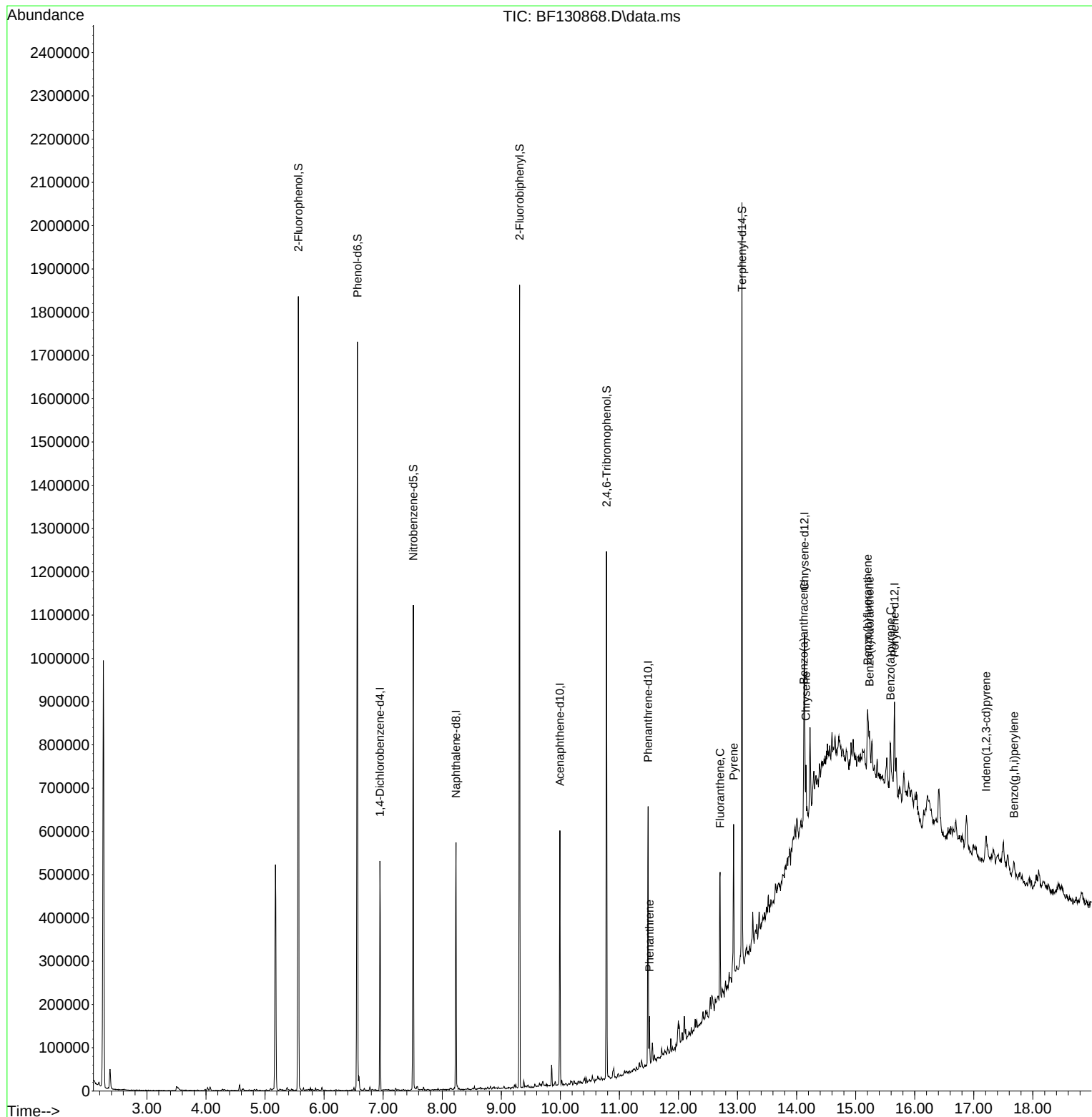
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130868.D
Acq On : 29 Oct 2022 20:50
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ALS Vial : 19 Sample Multiplier: 1

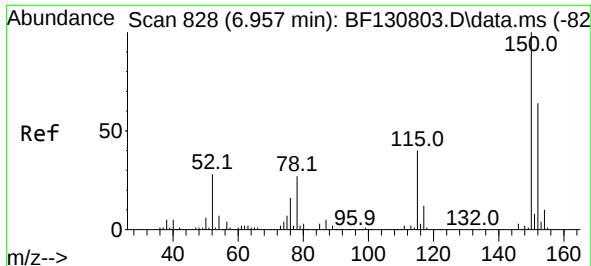
Instrument :
BNA_F
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CL-02-102622

Quant Time: Oct 30 23:27:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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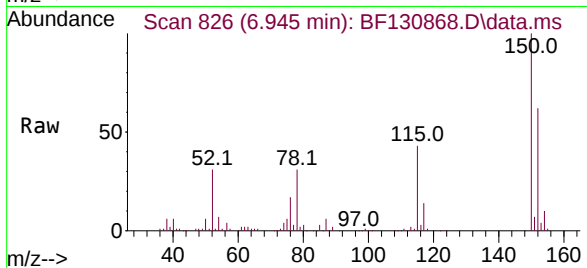
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130868.D
Acq: 29 Oct 2022 20:50

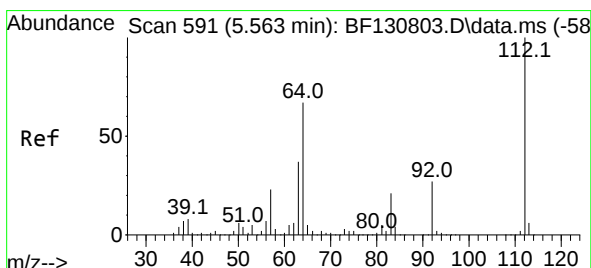
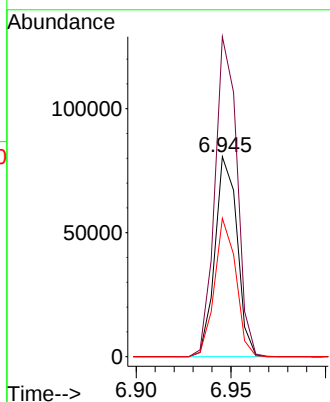
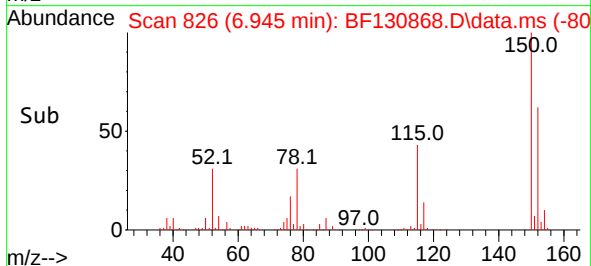
Instrument :
BNA_F
ClientSampleId :
CL-02-102622



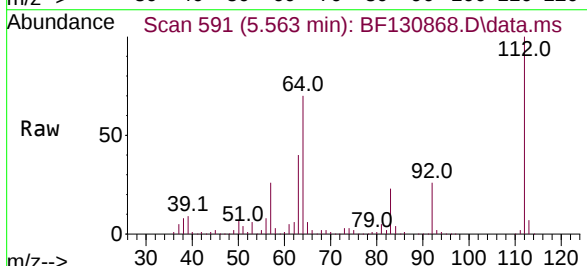
Tgt Ion:152 Resp: 65548
Ion Ratio Lower Upper
152 100
150 160.1 124.1 186.1
115 69.2 50.1 75.1

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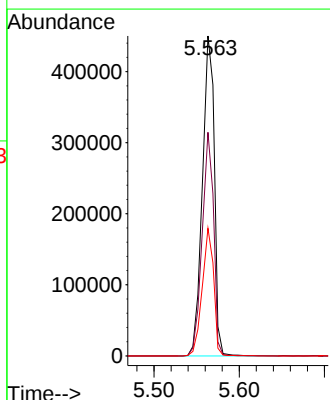
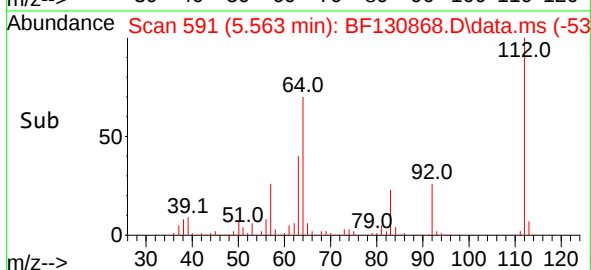
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

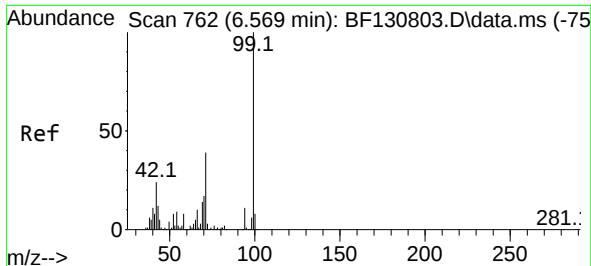


#5
2-Fluorophenol
Concen: 115.855 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF130868.D
Acq: 29 Oct 2022 20:50



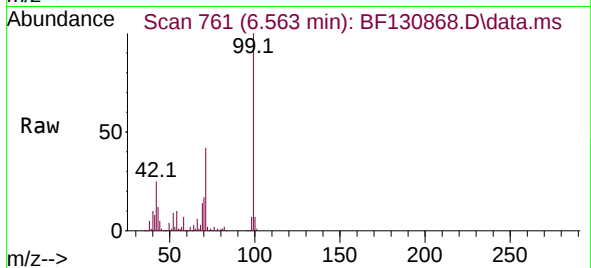
Tgt Ion:112 Resp: 438050
Ion Ratio Lower Upper
112 100
64 69.9 53.9 80.9
63 39.9 29.4 44.2





#7
Phenol-d6
Concen: 104.655 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF130868.D
Acq: 29 Oct 2022 20:50

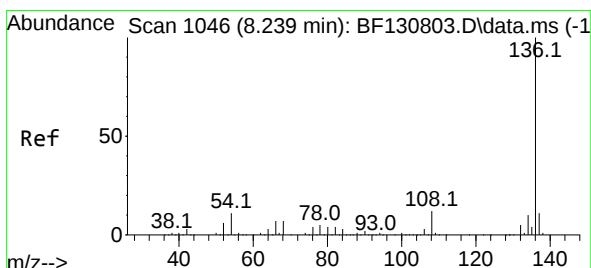
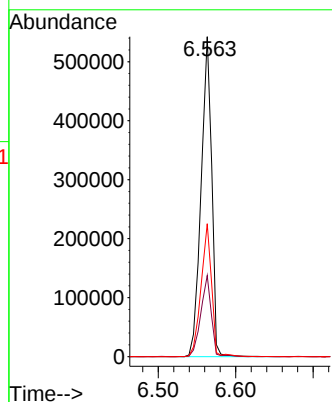
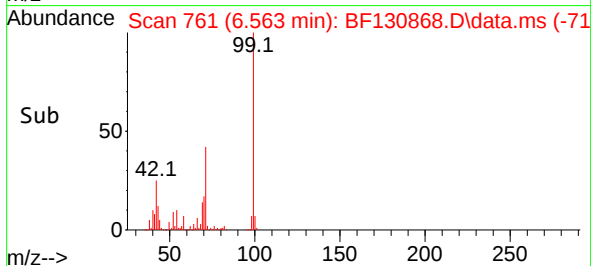
Instrument :
BNA_F
Client Sample Id :
CL-02-102622



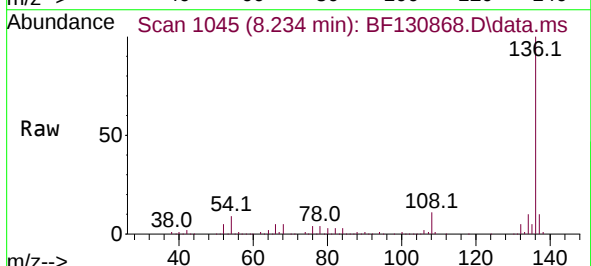
Tgt Ion: 99 Resp: 514215
Ion Ratio Lower Upper
99 100
42 25.3 18.8 28.2
71 41.5 31.4 47.0

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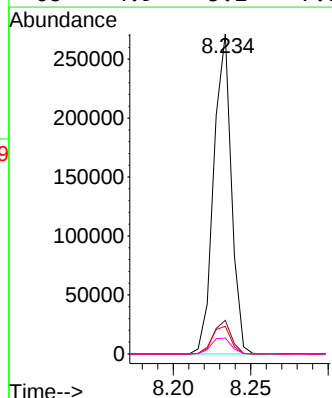
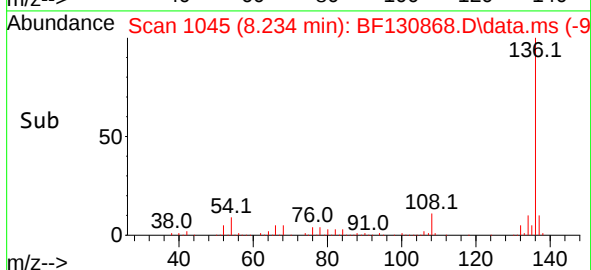
Reviewed By : Christian Giraldo 10/31/2022
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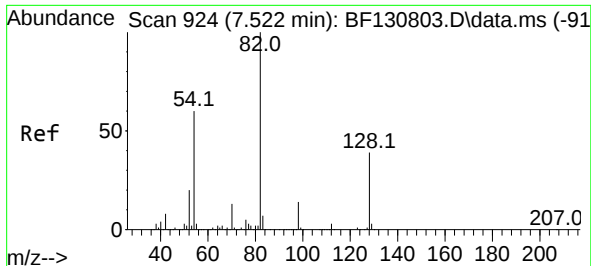


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF130868.D
Acq: 29 Oct 2022 20:50



Tgt Ion: 136 Resp: 215355
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 8.6 8.8 13.2#
68 4.9 5.2 7.8#





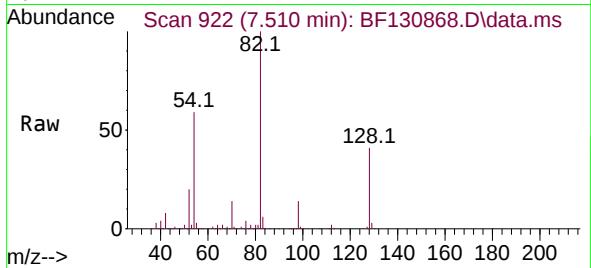
#23
Nitrobenzene-d5
Concen: 85.857 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130868.D
Acq: 29 Oct 2022 20:50

Instrument :

BNA_F

ClientSampleId :

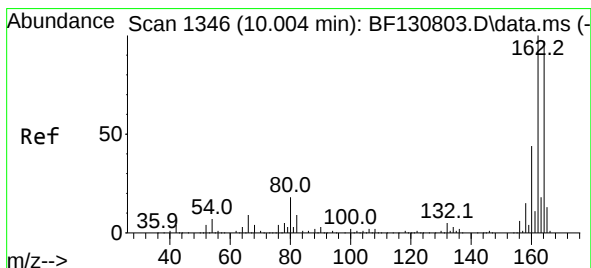
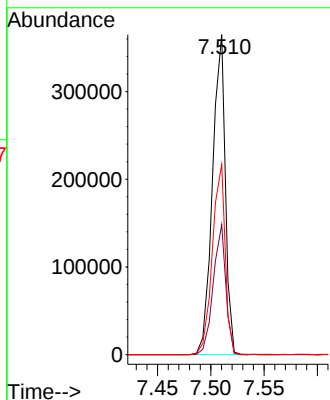
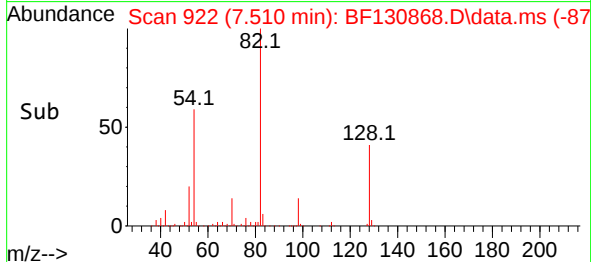
CL-02-102622



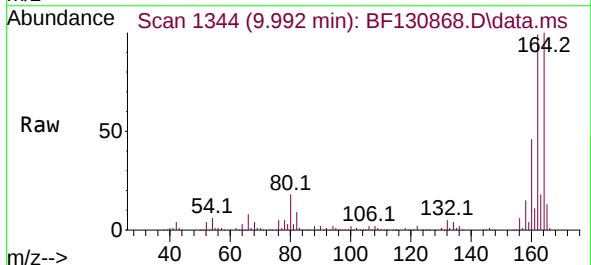
Tgt Ion: 82 Resp: 306635
Ion Ratio Lower Upper
82 100
128 40.6 31.2 46.8
54 59.4 48.0 72.0

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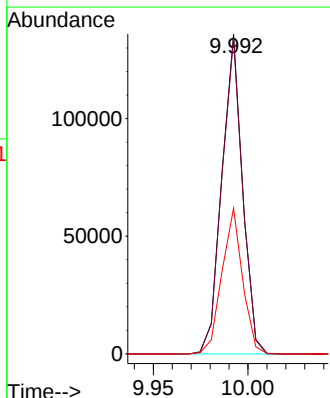
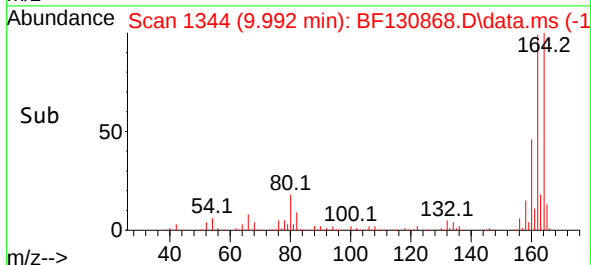
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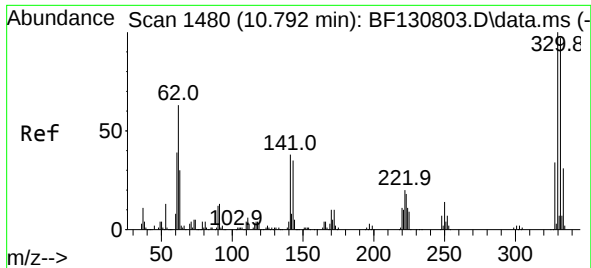


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BF130868.D
Acq: 29 Oct 2022 20:50



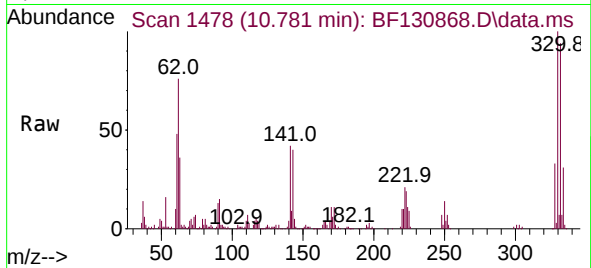
Tgt Ion:164 Resp: 102722
Ion Ratio Lower Upper
164 100
162 98.8 82.2 123.2
160 45.5 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 133.261 ng
RT: 10.781 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF130868.D
Acq: 29 Oct 2022 20:50

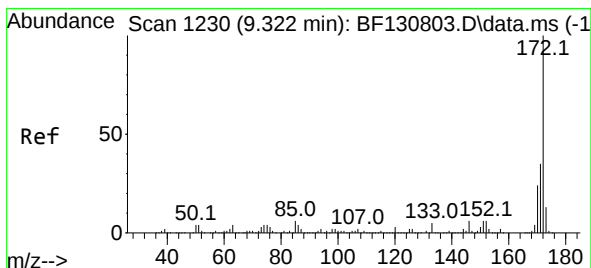
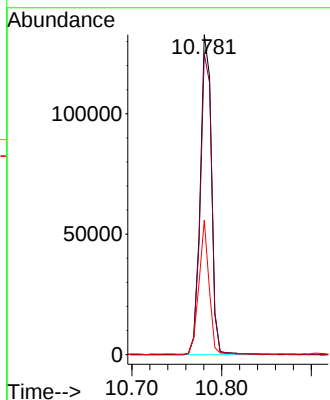
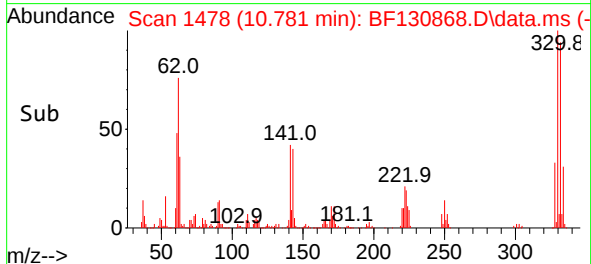
Instrument :
BNA_F
ClientSampleId :
CL-02-102622



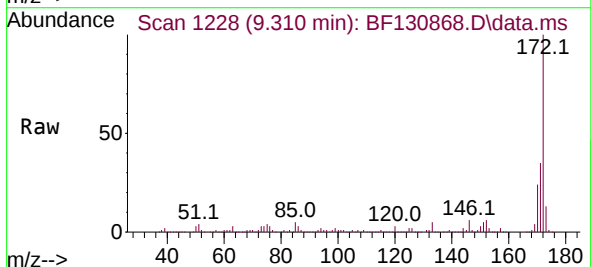
Tgt Ion: 330 Resp: 115232
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 37.8 31.4 47.0

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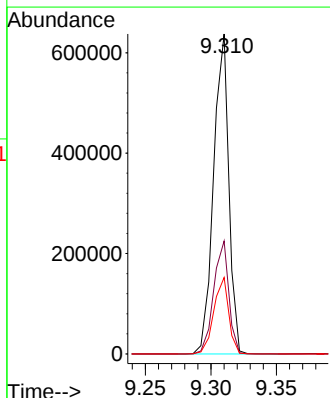
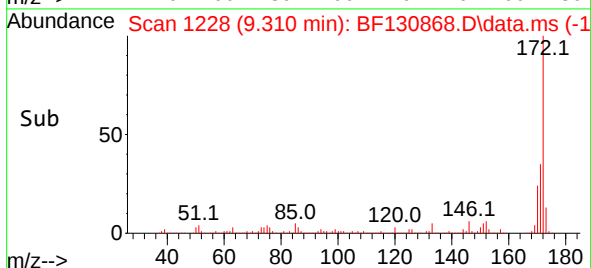
Reviewed By : Christian Giraldo 10/31/2022
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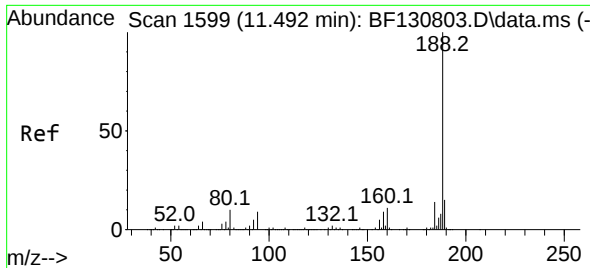


#45
2-Fluorobiphenyl
Concen: 75.939 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF130868.D
Acq: 29 Oct 2022 20:50



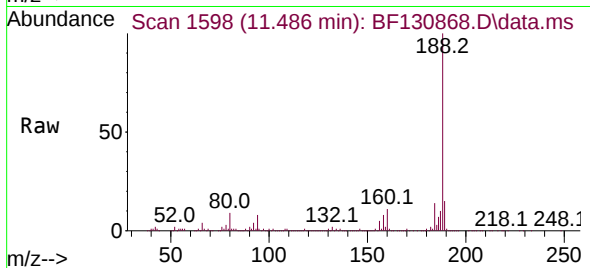
Tgt Ion: 172 Resp: 515954
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.9 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130868.D
Acq: 29 Oct 2022 20:50

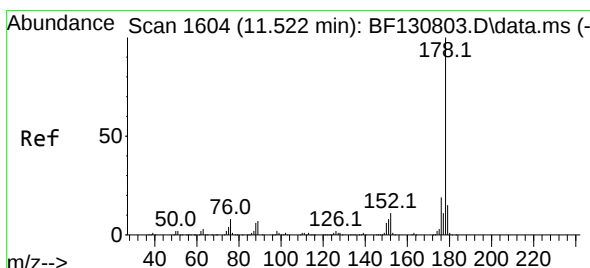
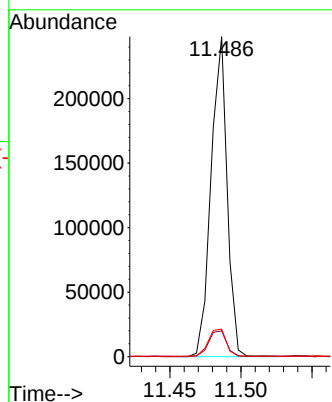
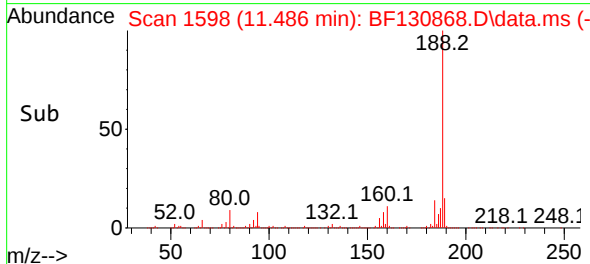
Instrument :
BNA_F
ClientSampleId :
CL-02-102622



Tgt Ion:188 Resp: 195065
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.6 8.0 12.0

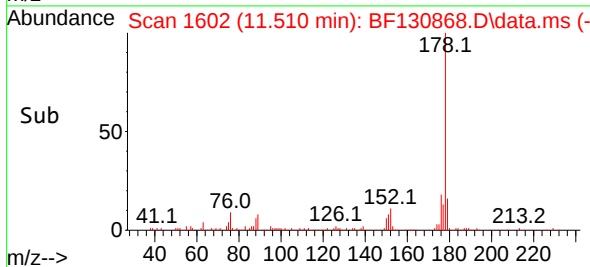
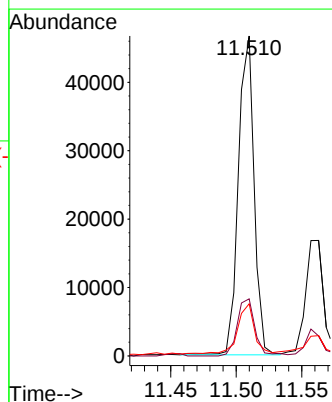
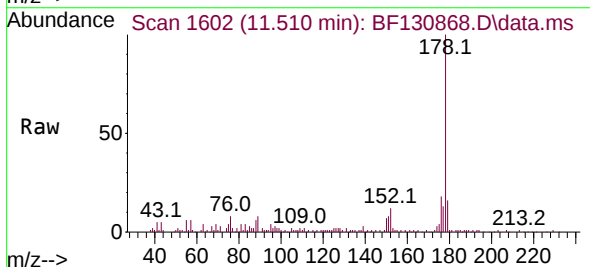
Manual Integrations
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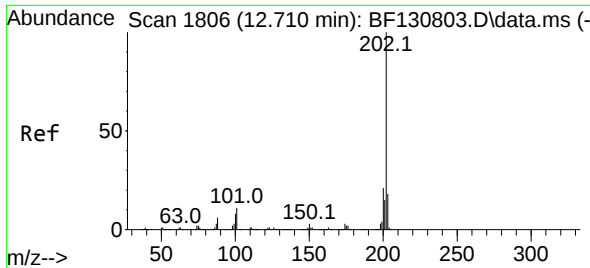
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#71
Phenanthrene
Concen: 3.857 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BF130868.D
Acq: 29 Oct 2022 20:50

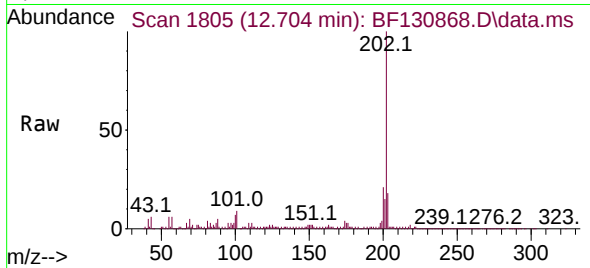
Tgt Ion:178 Resp: 38837
Ion Ratio Lower Upper
178 100
176 17.8 15.5 23.3
179 16.3 12.2 18.2





#75
Fluoranthene
Concen: 11.277 ng
RT: 12.704 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BF130868.D
Acq: 29 Oct 2022 20:50

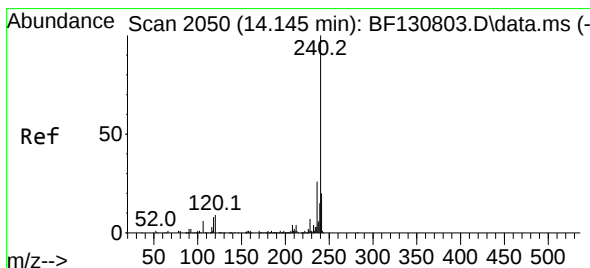
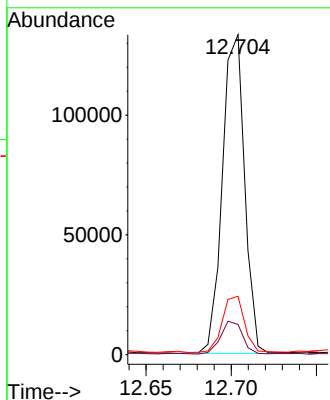
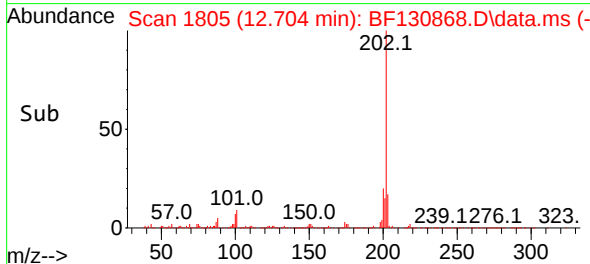
Instrument :
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CL-02-102622



Tgt Ion:202 Resp: 120626
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.9
203 18.2 0.0 37.7

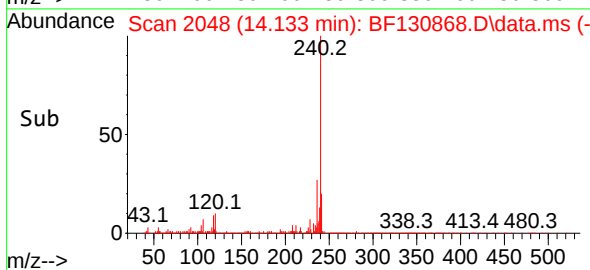
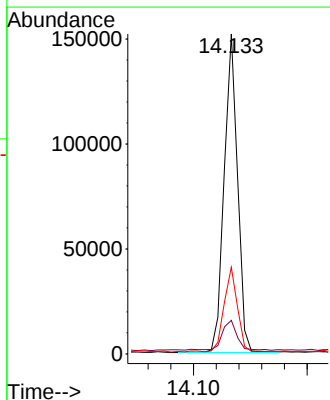
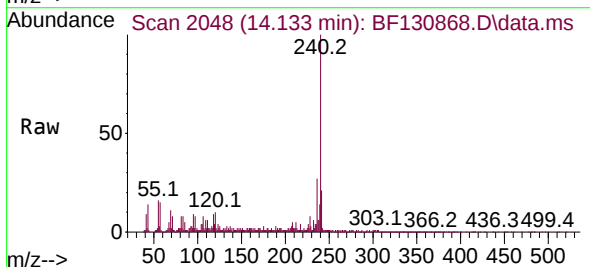
Manual Integrations
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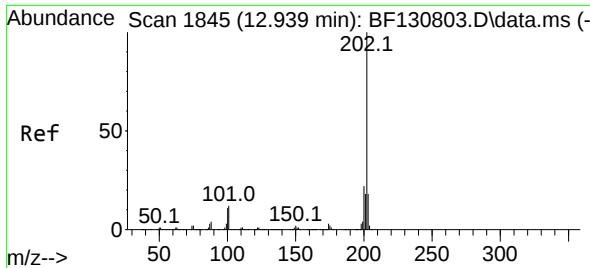
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BF130868.D
Acq: 29 Oct 2022 20:50

Tgt Ion:240 Resp: 123861
Ion Ratio Lower Upper
240 100
120 10.5 7.0 10.4#
236 27.1 20.5 30.7





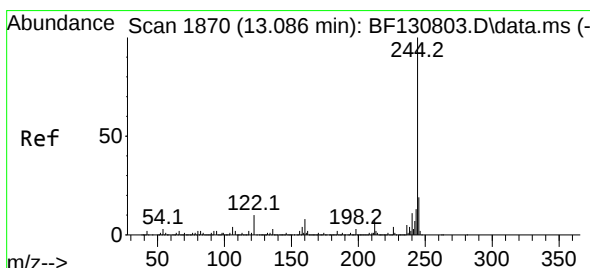
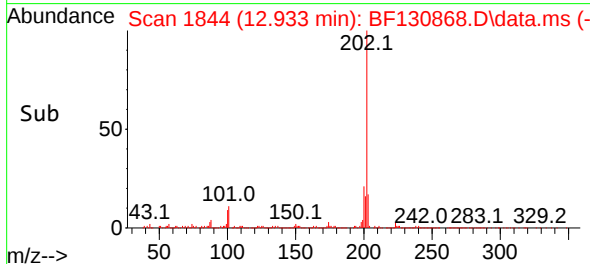
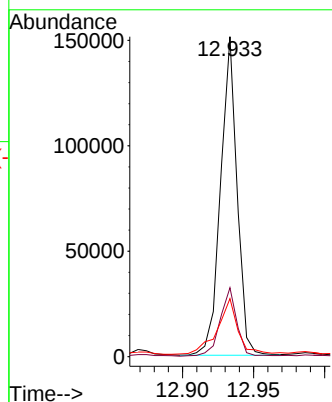
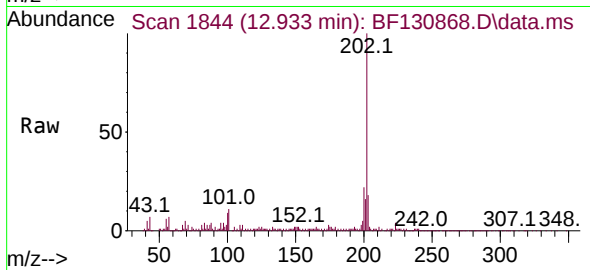
#78
Pyrene
Concen: 11.727 ng
RT: 12.933 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF130868.D
Acq: 29 Oct 2022 20:50

Instrument :
BNA_F
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CL-02-102622

Tgt Ion:202 Resp: 122549
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 18.1 14.5 21.7

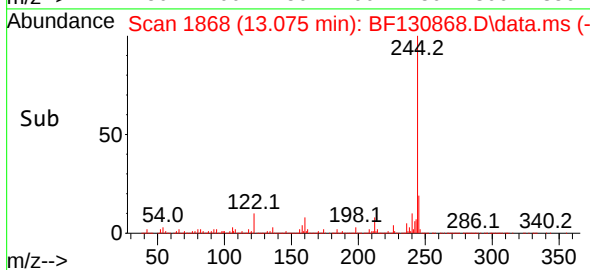
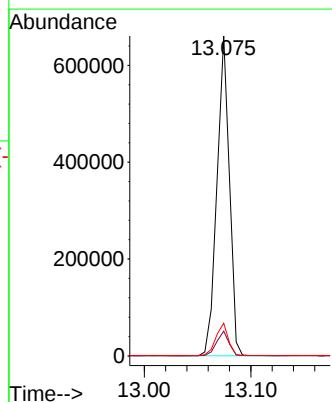
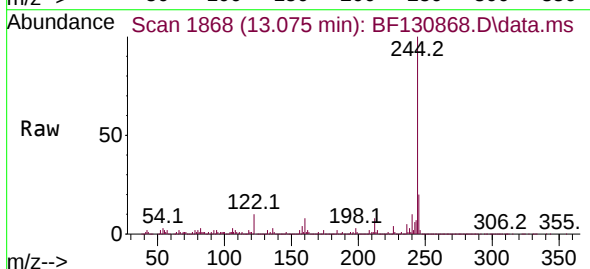
Manual Integrations
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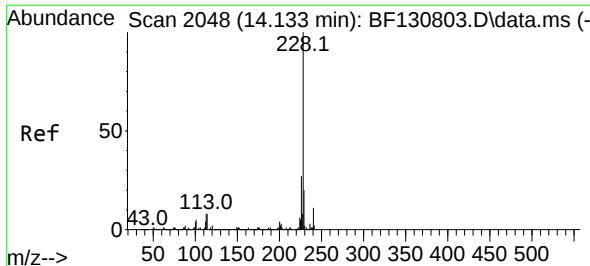
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#79
Terphenyl-d14
Concen: 79.459 ng
RT: 13.075 min Scan# 1868
Delta R.T. 0.000 min
Lab File: BF130868.D
Acq: 29 Oct 2022 20:50

Tgt Ion:244 Resp: 537084
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 10.2 7.9 11.9





#81
Benzo(a)anthracene
Concen: 7.289 ng
RT: 14.121 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BF130868.D
Acq: 29 Oct 2022 20:50

Instrument :

BNA_F

ClientSampleId :

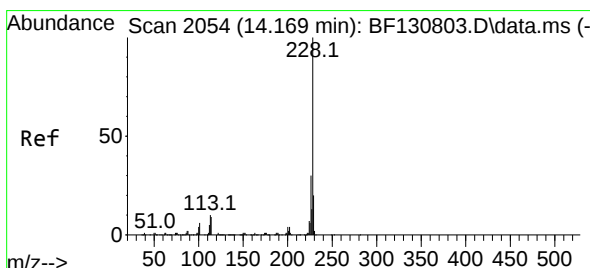
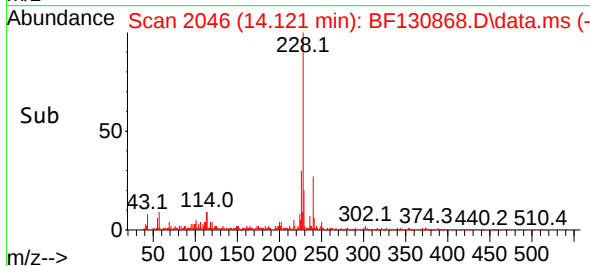
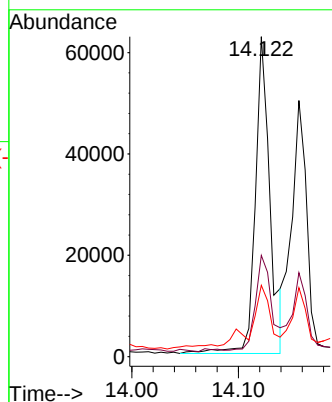
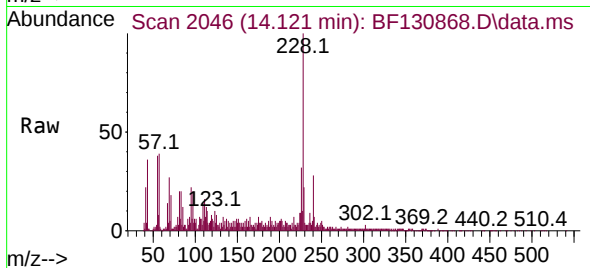
CL-02-102622

Tgt Ion:228 Resp: 5985
Ion Ratio Lower Upper
228 100
226 31.6 21.4 32.2
229 22.3 15.8 23.6

Manual Integrations

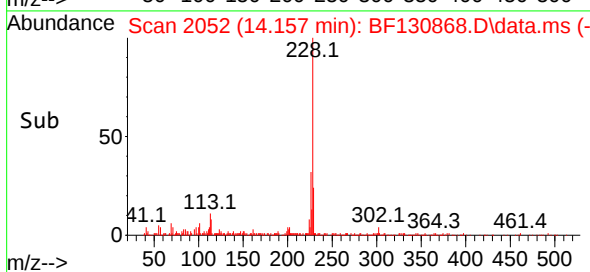
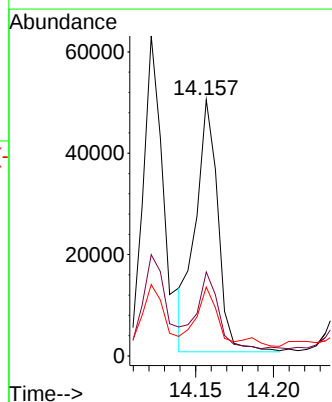
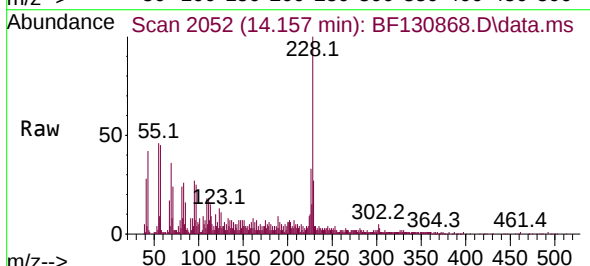
APPROVED

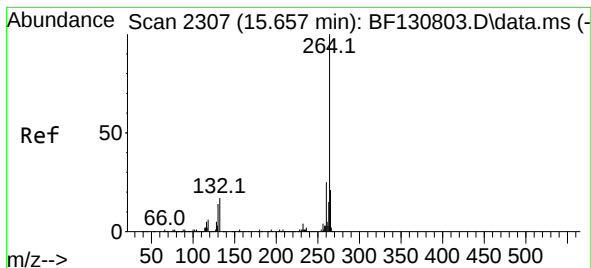
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#83
Chrysene
Concen: 6.314 ng m
RT: 14.157 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BF130868.D
Acq: 29 Oct 2022 20:50

Tgt Ion:228 Resp: 50011
Ion Ratio Lower Upper
228 100
226 32.8 23.9 35.9
229 26.9 15.8 23.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 2307
Delta R.T. 0.012 min
Lab File: BF130868.D
Acq: 29 Oct 2022 20:50

Instrument :

BNA_F

ClientSampleId :

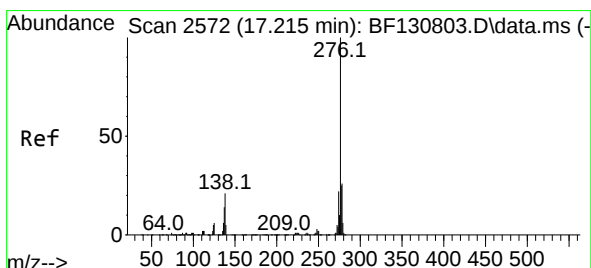
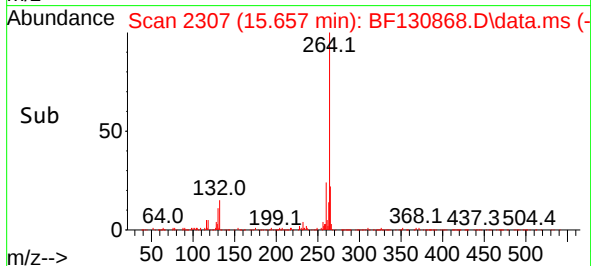
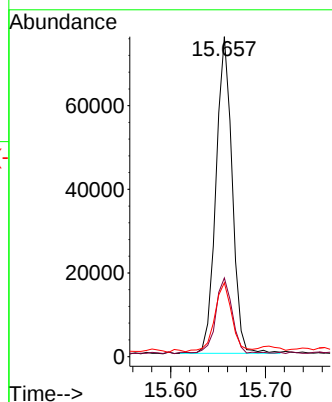
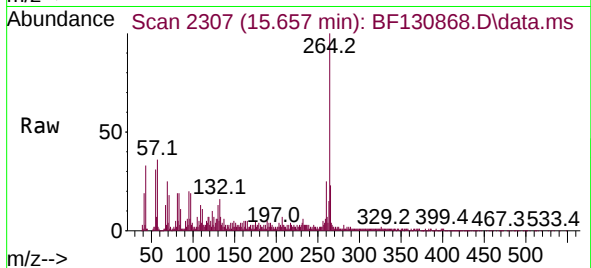
CL-02-102622

Tgt Ion:264 Resp: 89752
Ion Ratio Lower Upper
264 100
260 24.6 19.9 29.9
265 23.1 17.0 25.6

Manual Integrations

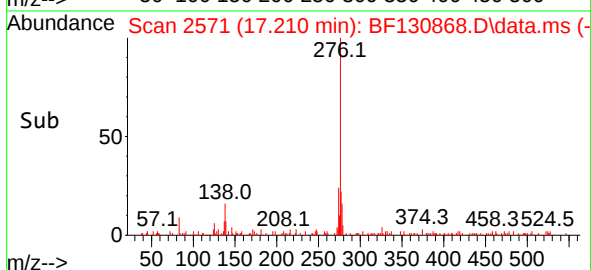
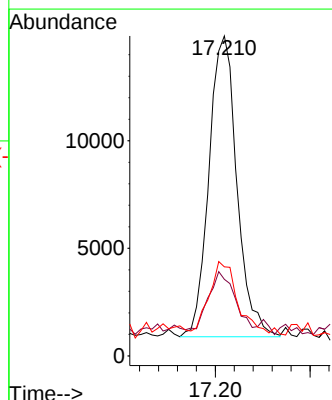
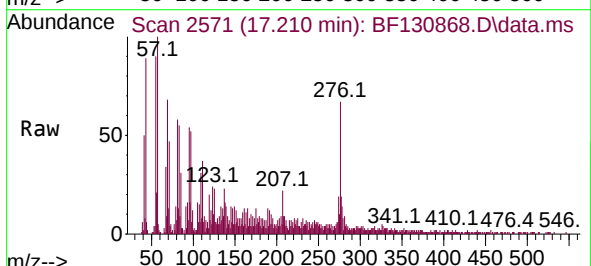
APPROVED

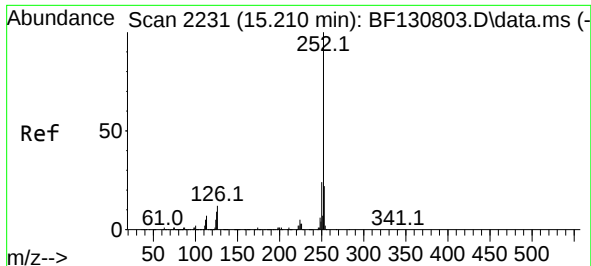
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.813 ng
RT: 17.210 min Scan# 2571
Delta R.T. 0.018 min
Lab File: BF130868.D
Acq: 29 Oct 2022 20:50

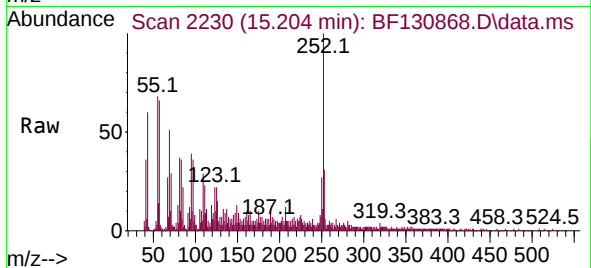
Tgt Ion:276 Resp: 28685
Ion Ratio Lower Upper
276 100
138 19.8 19.1 28.7
277 25.3 20.1 30.1





#88
Benzo(b)fluoranthene
Concen: 11.060 ng m
RT: 15.204 min Scan# 2230
Delta R.T. 0.006 min
Lab File: BF130868.D
Acq: 29 Oct 2022 20:50

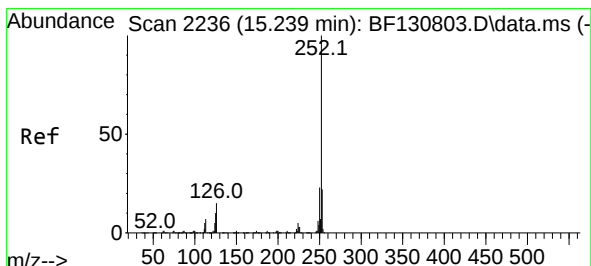
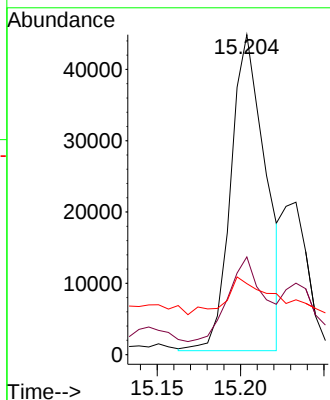
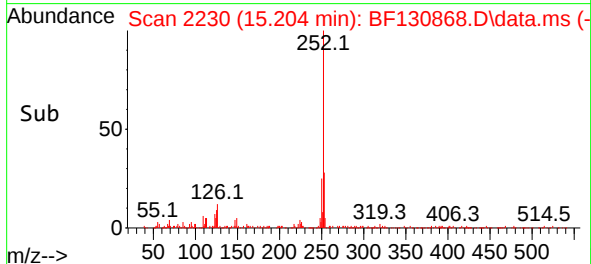
Instrument :
BNA_F
ClientSampleId :
CL-02-102622



Tgt Ion:252 Resp: 6416
Ion Ratio Lower Upper
252 100
253 30.5 17.5 26.3#
125 22.2 7.0 10.4#

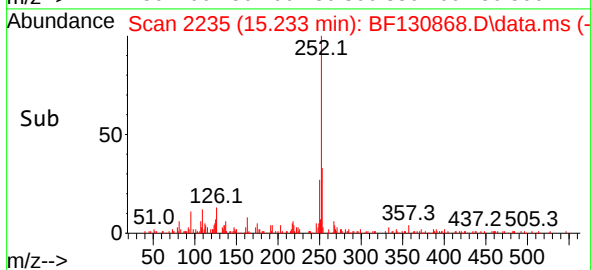
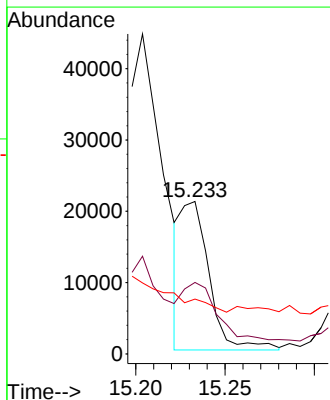
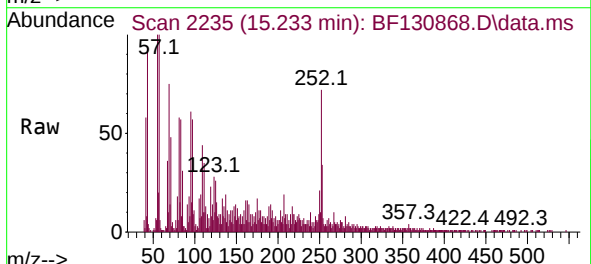
Manual Integrations
APPROVED

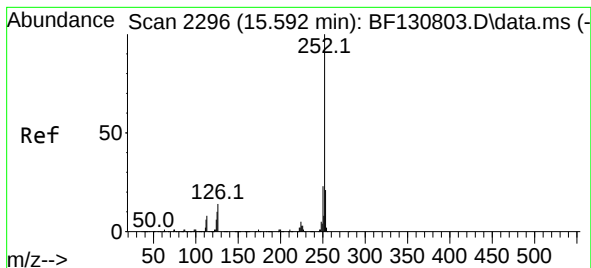
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#89
Benzo(k)fluoranthene
Concen: 4.060 ng m
RT: 15.233 min Scan# 2235
Delta R.T. 0.006 min
Lab File: BF130868.D
Acq: 29 Oct 2022 20:50

Tgt Ion:252 Resp: 22954
Ion Ratio Lower Upper
252 100
253 46.9 17.5 26.3#
125 36.0 8.0 12.0#





#90

Benzo(a)pyrene

Concen: 9.745 ng

RT: 15.592 min Scan# 2296

Delta R.T. 0.012 min

Lab File: BF130868.D

Acq: 29 Oct 2022 20:50

Instrument :

BNA_F

ClientSampleId :

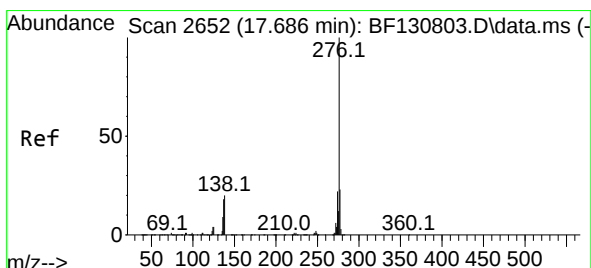
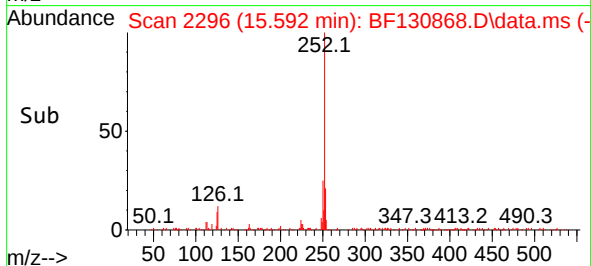
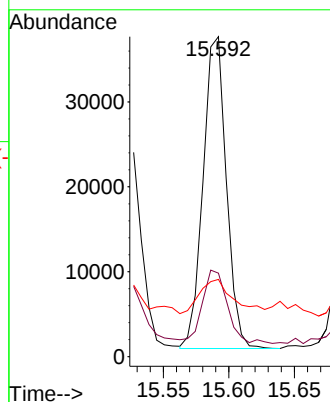
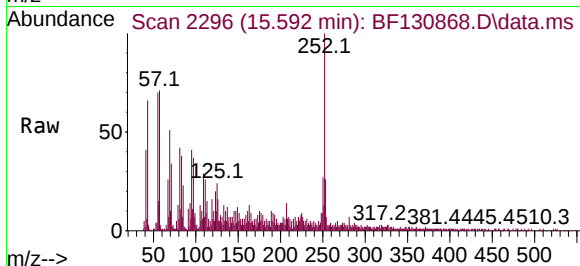
CL-02-102622

Tgt Ion:252 Resp: 45450
 Ion Ratio Lower Upper
 252 100
 253 26.1 16.8 25.2#
 125 24.1 8.3 12.5#

Manual Integrations

APPROVED

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



#92

Benzo(g,h,i)perylene

Concen: 6.117 ng

RT: 17.680 min Scan# 2651

Delta R.T. 0.012 min

Lab File: BF130868.D

Acq: 29 Oct 2022 20:50

Tgt Ion:276 Resp: 30324
 Ion Ratio Lower Upper
 276 100
 277 30.8 18.8 28.2#
 138 26.3 16.3 24.5#

