

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
 Data File : BF130151.D
 Acq On : 06 Sep 2022 22:30
 Operator : CG\JU
 Sample : N4500-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/07/2022
 Supervised By : Jagrut Upadhyay 09/07/2022

Quant Time: Sep 07 02:19:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	211546	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	855889	20.000	ng	# 0.00
39) Acenaphthene-d10	9.727	164	446788	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	685000	20.000	ng	0.00
76) Chrysene-d12	13.833	240	388949	20.000	ng	-0.01
86) Perylene-d12	15.233	264	393916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1459627	117.135	ng	0.00
7) Phenol-d6	6.328	99	1867590	120.215	ng	0.00
23) Nitrobenzene-d5	7.263	82	1074246	80.662	ng	0.00
42) 2,4,6-Tribromophenol	10.510	330	474136	116.581	ng	-0.01
45) 2-Fluorobiphenyl	9.057	172	2023454	75.087	ng	0.00
79) Terphenyl-d14	12.792	244	1652846	73.692	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.227	178	240913	6.485	ng	99
75) Fluoranthene	12.410	202	430067	11.675	ng	97
78) Pyrene	12.639	202	385120	11.039	ng	99
81) Benzo(a)anthracene	13.821	228	182790	6.858	ng	97
83) Chrysene	13.857	228	179715	6.839	ng	97
84) Bis(2-ethylhexyl)phtha...	13.827	149	89071	5.164	ng	# 95
87) Indeno(1,2,3-cd)pyrene	16.568	276	93069	3.582	ng	98
88) Benzo(b)fluoranthene	14.833	252	233141m	8.875	ng	
89) Benzo(k)fluoranthene	14.862	252	86492m	3.404	ng	
90) Benzo(a)pyrene	15.168	252	158544	7.595	ng	# 95
92) Benzo(g,h,i)perylene	16.968	276	87599	4.118	ng	# 93

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

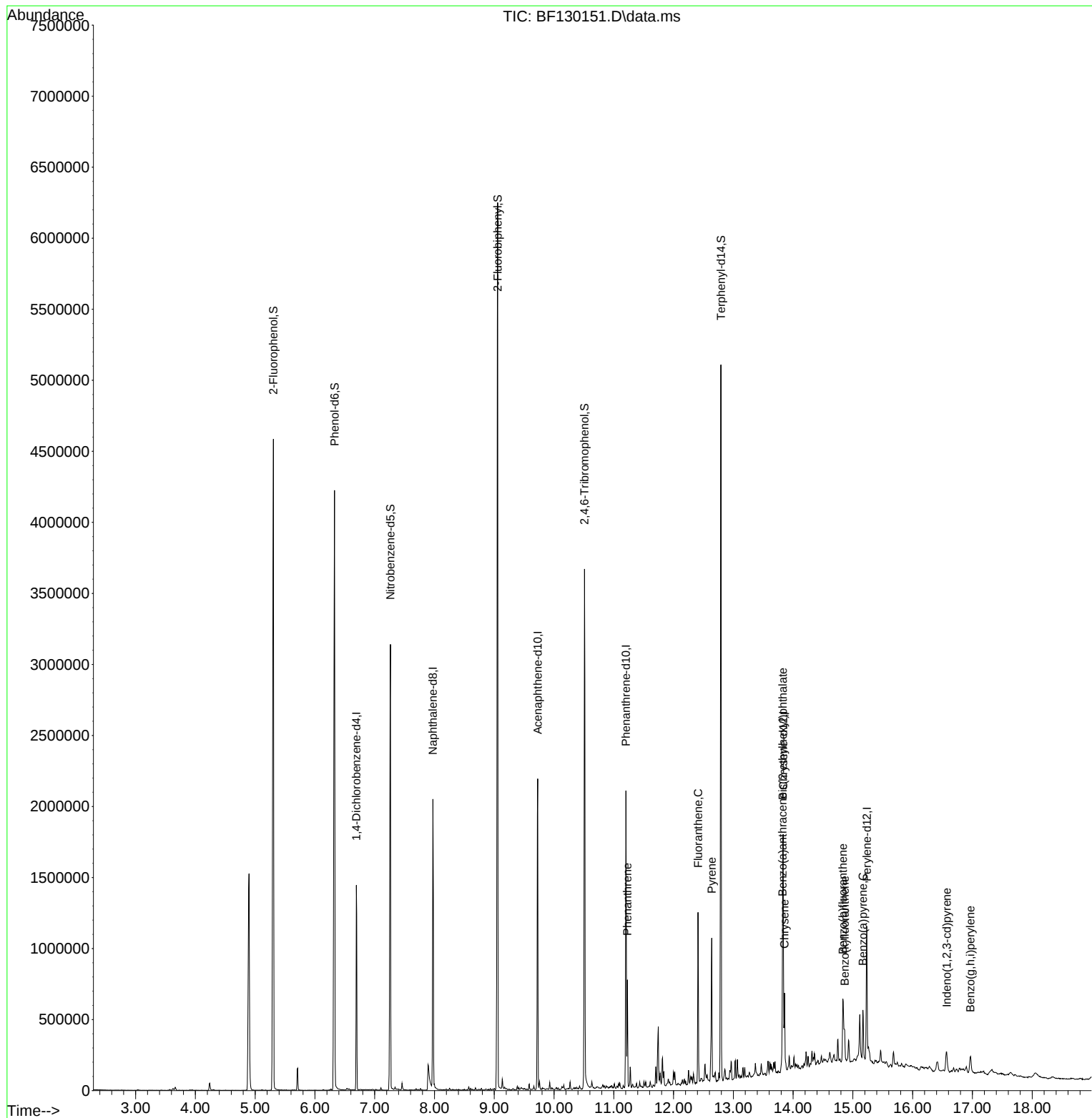
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
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Quant Time: Sep 07 02:19:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 07 02:05:07 2022
Response via : Initial Calibration

Manual Integrations
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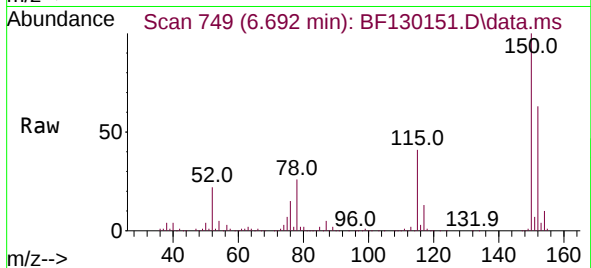
Reviewed By : Christian Giraldo 09/07/2022
Supervised By : Jagrut Upadhyay 09/07/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.692 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

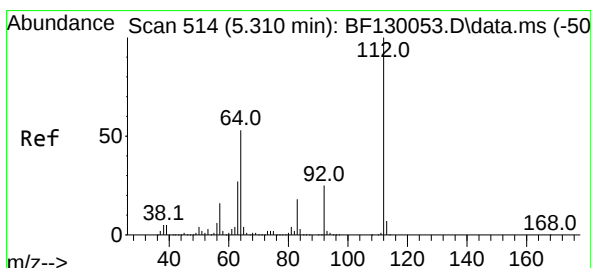
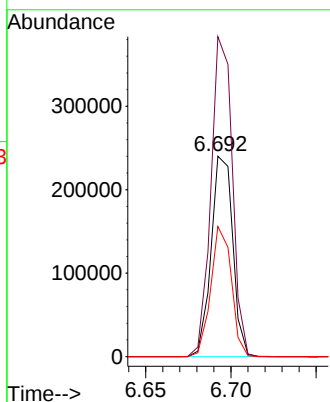
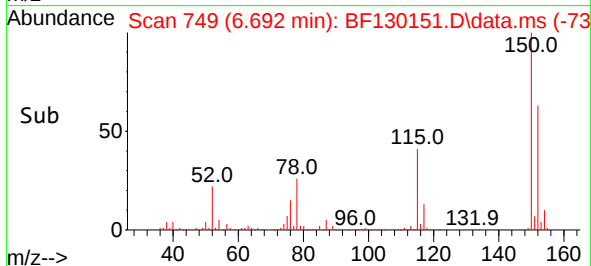
Instrument :
BNA_F
ClientSampleId :
SB-14-COMP



Tgt Ion:152 Resp: 211546
Ion Ratio Lower Upper
152 100
150 159.7 126.9 190.3
115 65.0 53.4 80.0

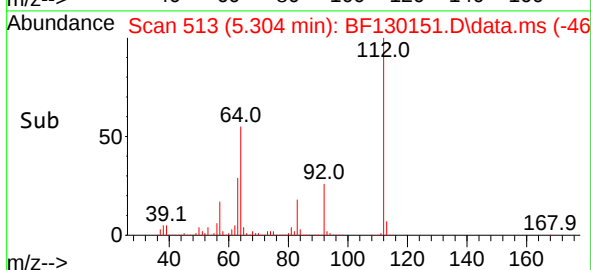
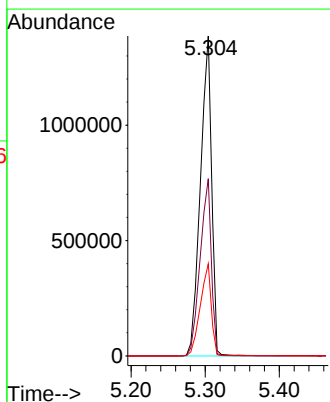
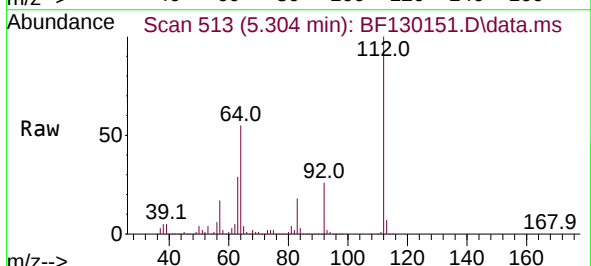
Manual Integrations
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Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#5
2-Fluorophenol
Concen: 117.135 ng
RT: 5.304 min Scan# 513
Delta R.T. 0.006 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

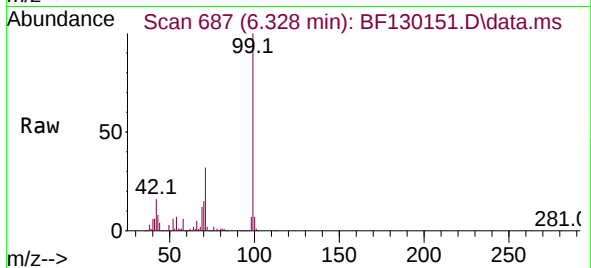
Tgt Ion:112 Resp: 1459627
Ion Ratio Lower Upper
112 100
64 55.4 47.6 71.4
63 28.8 24.6 37.0





#7
Phenol-d6
Concen: 120.215 ng
RT: 6.328 min Scan# 687
Delta R.T. -0.006 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

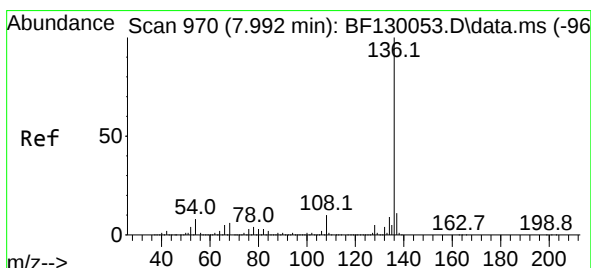
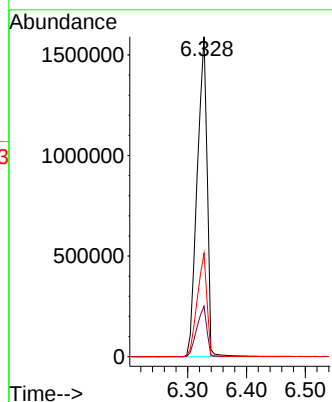
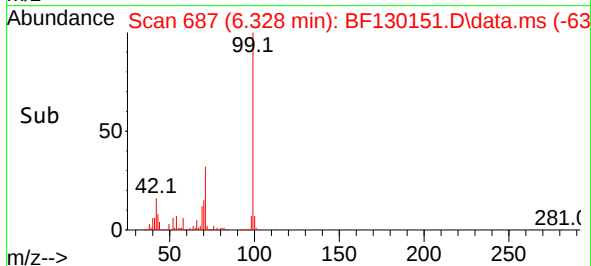
Instrument :
BNA_F
Client SampleId :
SB-14-COMP



Tgt Ion: 99 Resp: 1867590
Ion Ratio Lower Upper
99 100
42 15.7 15.0 22.4
71 32.3 28.8 43.2

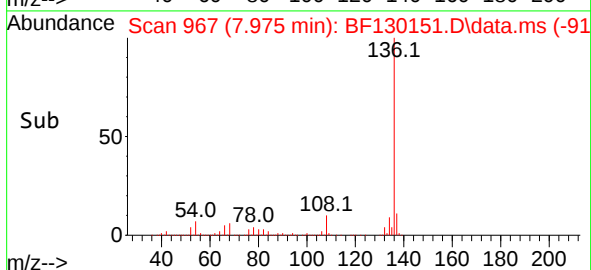
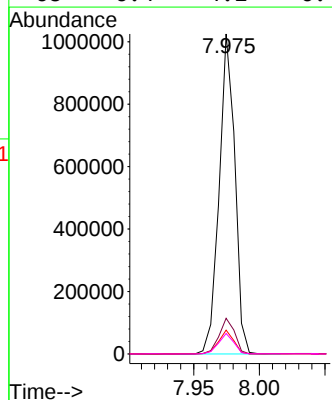
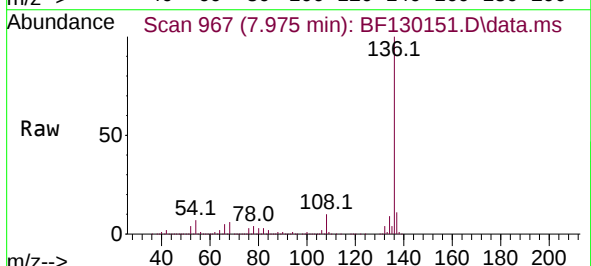
Manual Integrations
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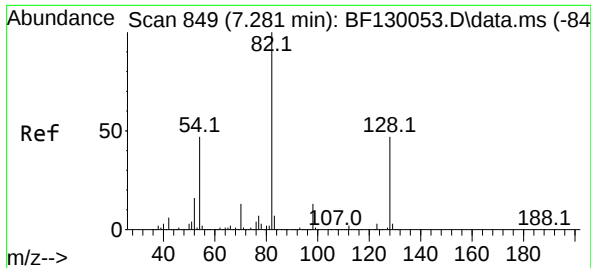
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

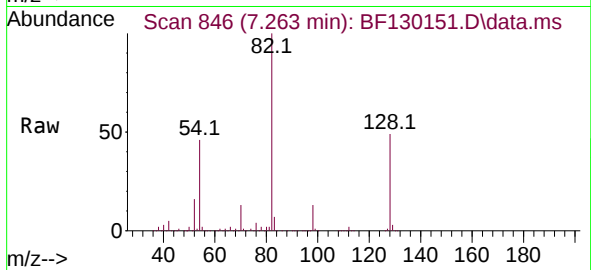
Tgt Ion:136 Resp: 855889
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.4 6.2 9.2
68 6.4 4.2 6.4





#23
Nitrobenzene-d5
Concen: 80.662 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

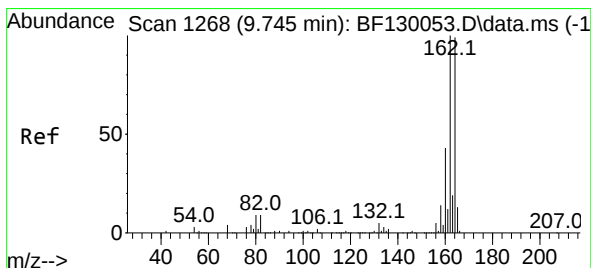
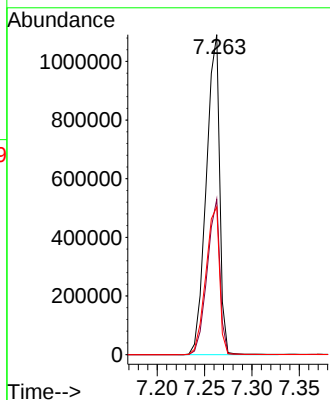
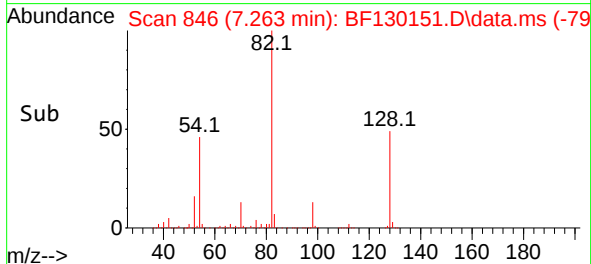
Instrument :
BNA_F
ClientSampleId :
SB-14-COMP



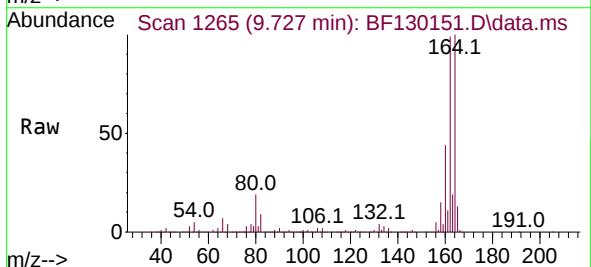
Tgt Ion: 82 Resp: 1074246
Ion Ratio Lower Upper
82 100
128 48.5 36.1 54.1
54 46.2 40.0 60.0

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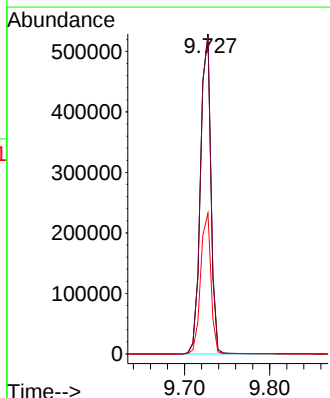
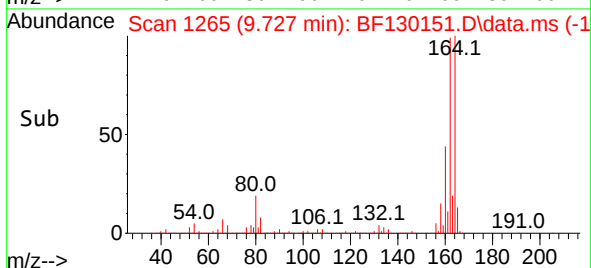
Reviewed By :Christian Giraldo 09/07/2022
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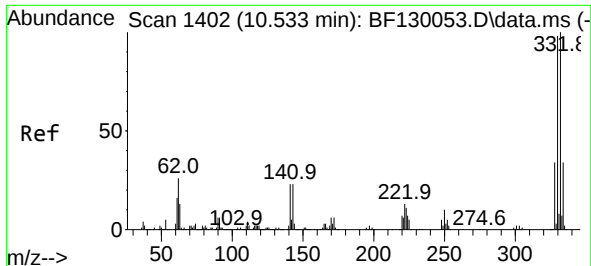


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.727 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30



Tgt Ion:164 Resp: 446788
Ion Ratio Lower Upper
164 100
162 99.3 82.0 123.0
160 43.9 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 116.581 ng
RT: 10.510 min Scan# 1398
Delta R.T. -0.012 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

Instrument :

BNA_F

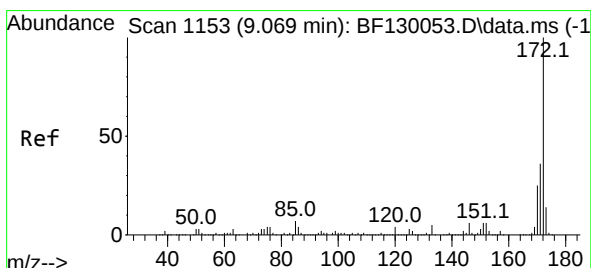
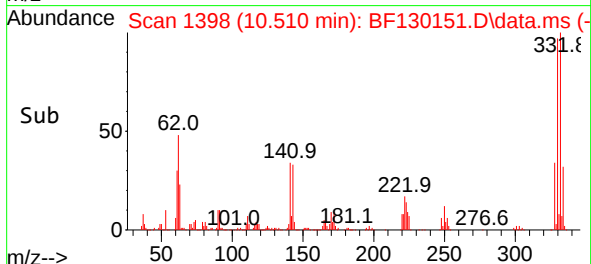
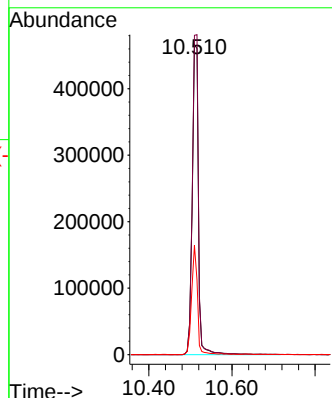
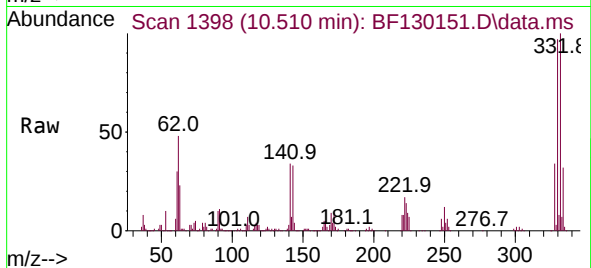
ClientSampleId :

SB-14-COMP

Tgt Ion:330 Resp: 474136
Ion Ratio Lower Upper
330 100
332 103.4 82.6 124.0
141 33.8 27.6 41.4

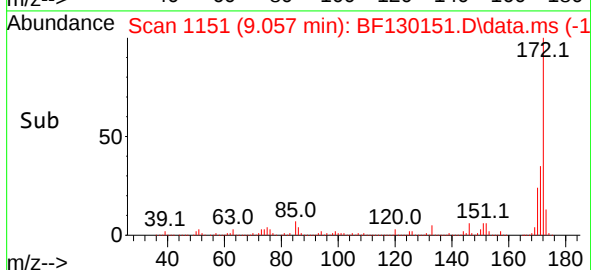
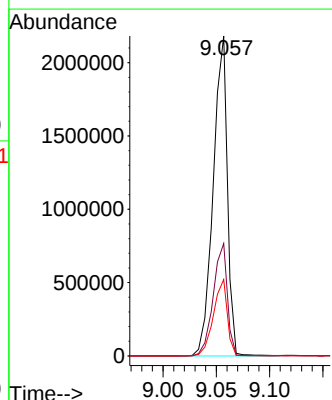
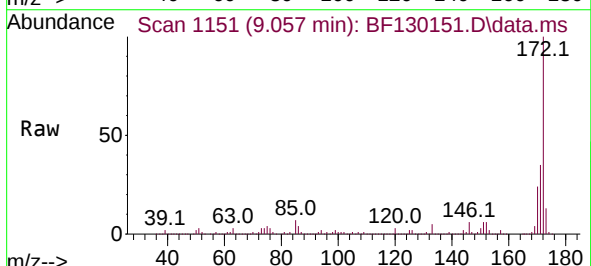
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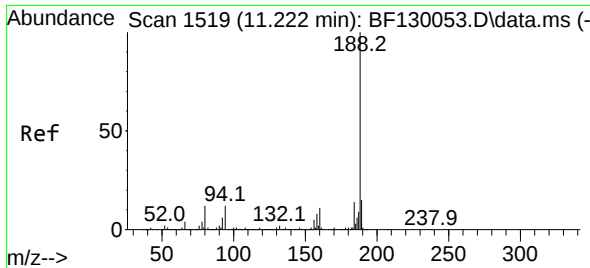
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#45
2-Fluorobiphenyl
Concen: 75.087 ng
RT: 9.057 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

Tgt Ion:172 Resp: 2023454
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.9 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

Instrument :

BNA_F

ClientSampleId :

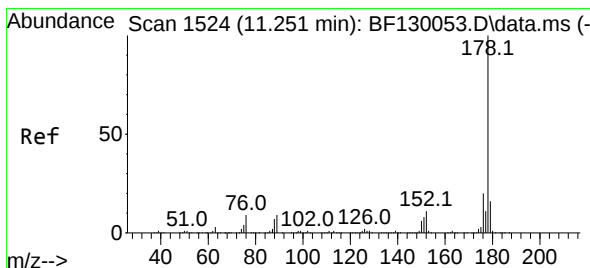
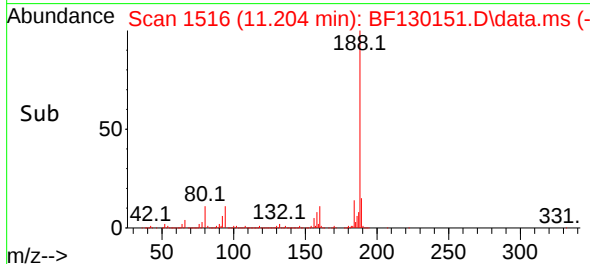
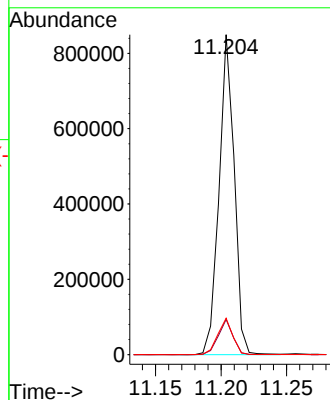
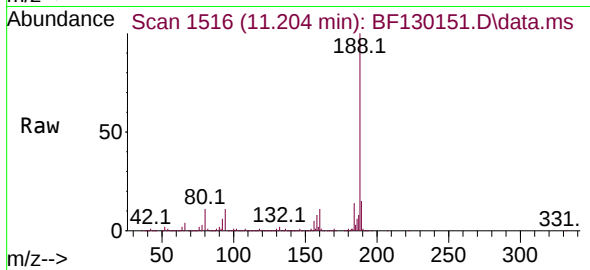
SB-14-COMP

Tgt Ion:188 Resp: 685000
Ion Ratio Lower Upper
188 100
94 11.0 7.4 11.2
80 11.4 7.9 11.9

Manual Integrations

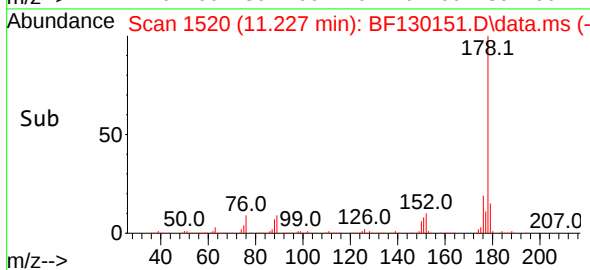
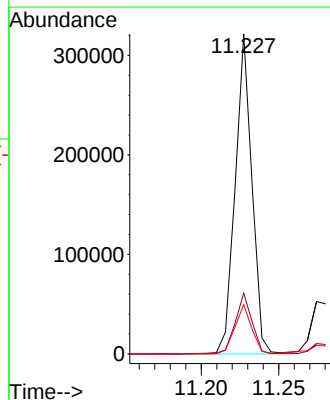
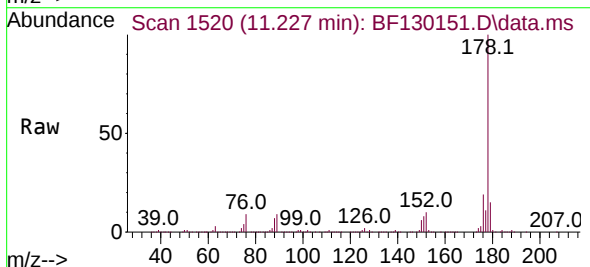
APPROVED

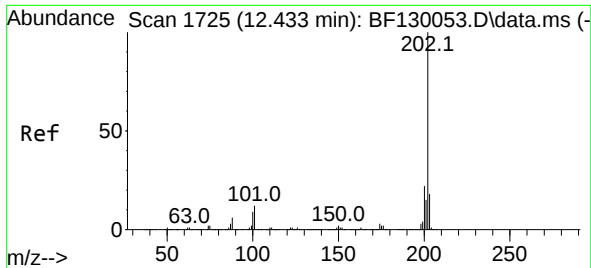
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#71
Phenanthrene
Concen: 6.485 ng
RT: 11.227 min Scan# 1520
Delta R.T. -0.012 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

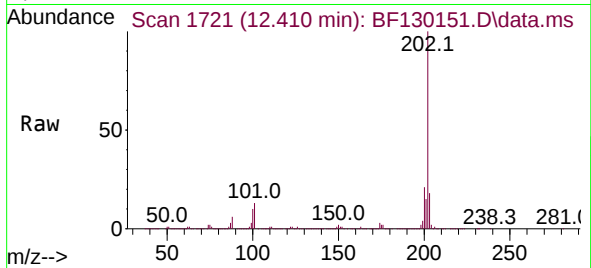
Tgt Ion:178 Resp: 240913
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.4 12.5 18.7





#75
Fluoranthene
Concen: 11.675 ng
RT: 12.410 min Scan# 1721
Delta R.T. -0.012 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

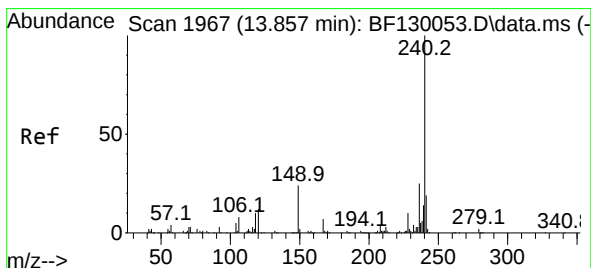
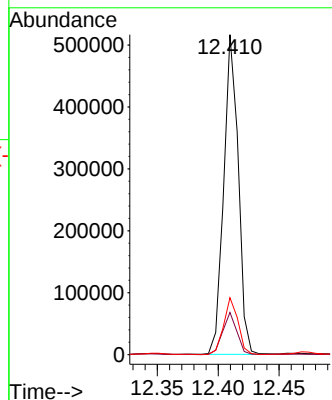
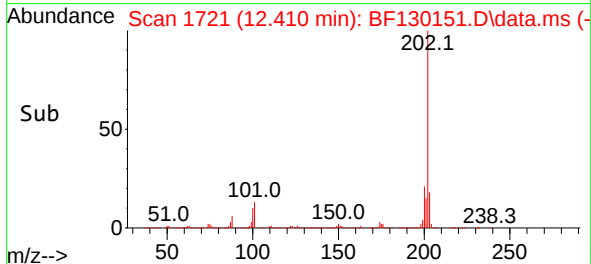
Instrument :
BNA_F
ClientSampleId :
SB-14-COMP



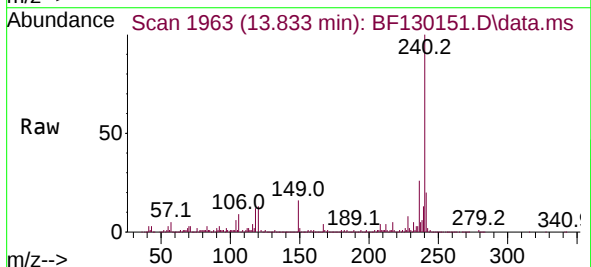
Tgt Ion:202 Resp: 430062
Ion Ratio Lower Upper
202 100
101 13.2 0.0 30.7
203 17.8 0.0 37.5

Manual Integrations
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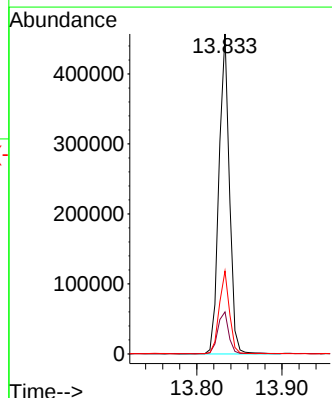
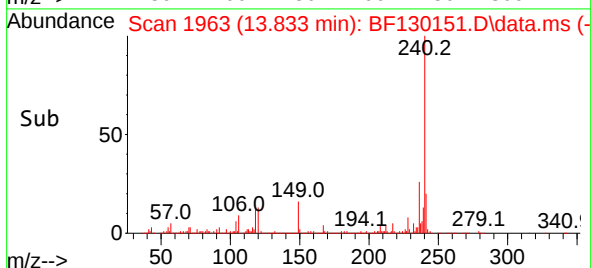
Reviewed By :Christian Giraldo 09/07/2022
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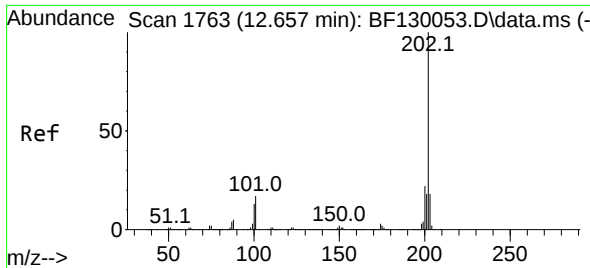


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30



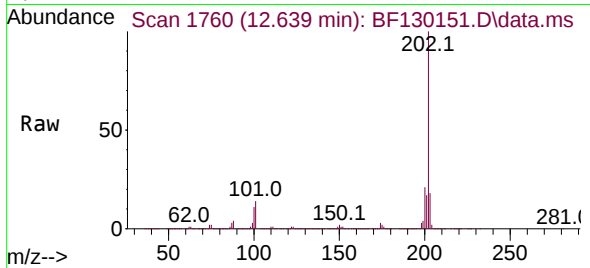
Tgt Ion:240 Resp: 388949
Ion Ratio Lower Upper
240 100
120 13.1 9.2 13.8
236 25.9 20.7 31.1





#78
Pyrene
Concen: 11.039 ng
RT: 12.639 min Scan# 1760
Delta R.T. -0.012 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

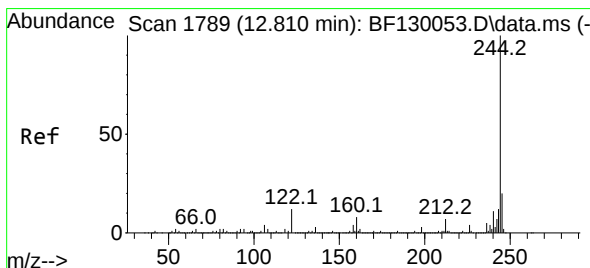
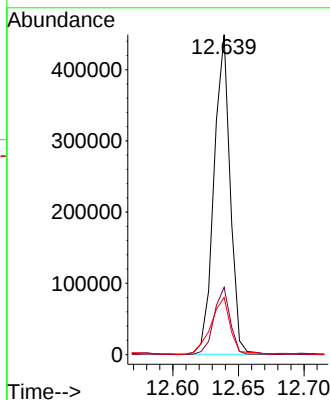
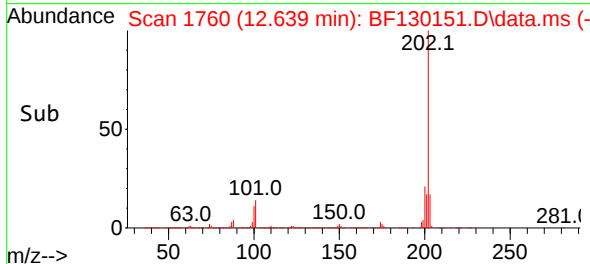
Instrument :
BNA_F
ClientSampleId :
SB-14-COMP



Tgt Ion:202 Resp: 385120
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.6
203 17.9 14.1 21.1

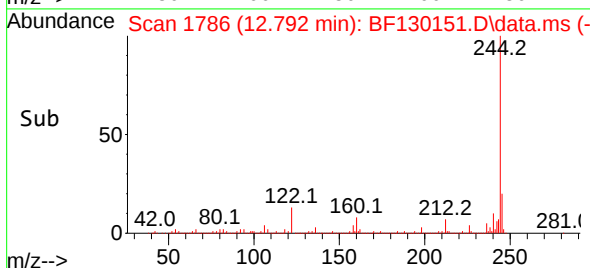
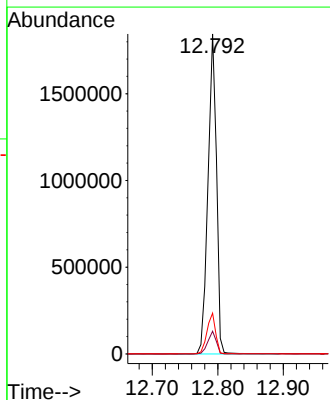
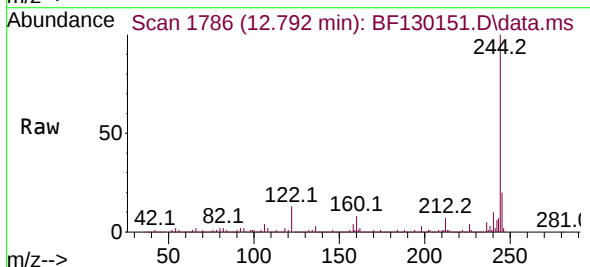
Manual Integrations
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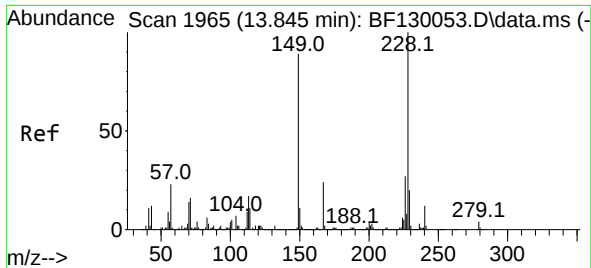
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#79
Terphenyl-d14
Concen: 73.692 ng
RT: 12.792 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

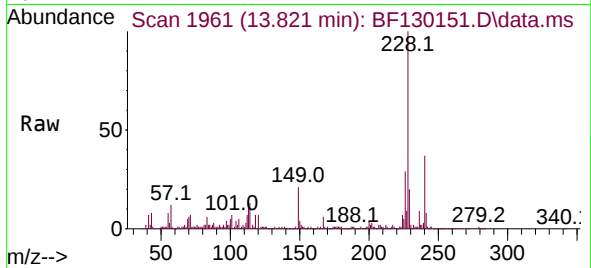
Tgt Ion:244 Resp: 1652846
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 12.8 9.9 14.9





#81
Benzo(a)anthracene
Concen: 6.858 ng
RT: 13.821 min Scan# 1961
Delta R.T. -0.012 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

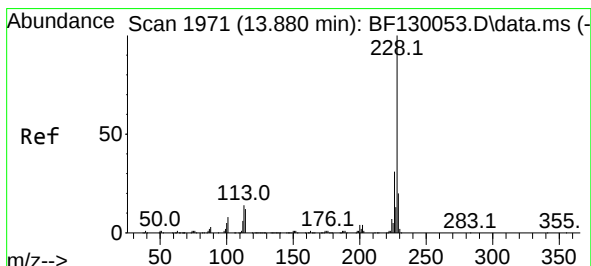
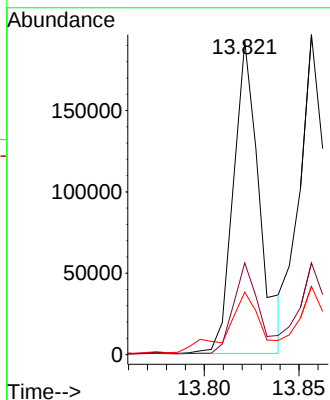
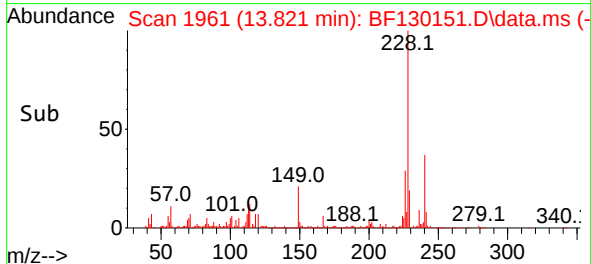
Instrument :
BNA_F
ClientSampleId :
SB-14-COMP



Tgt Ion:228 Resp: 182790
Ion Ratio Lower Upper
228 100
226 29.3 21.4 32.0
229 19.9 16.1 24.1

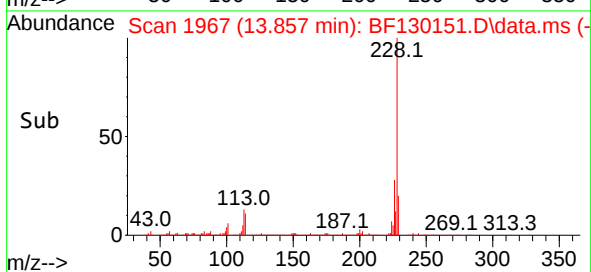
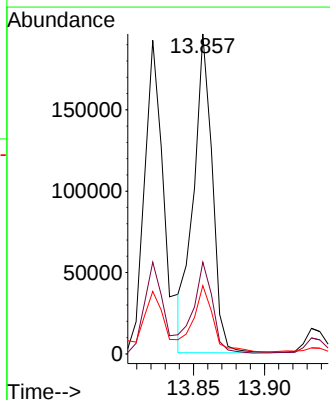
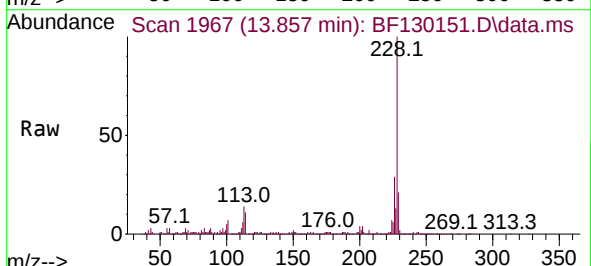
Manual Integrations
APPROVED

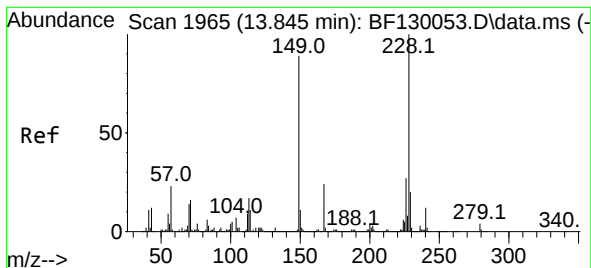
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#83
Chrysene
Concen: 6.839 ng
RT: 13.857 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

Tgt Ion:228 Resp: 179715
Ion Ratio Lower Upper
228 100
226 28.7 24.4 36.6
229 21.3 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.164 ng
RT: 13.827 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

Instrument :

BNA_F

ClientSampleId :

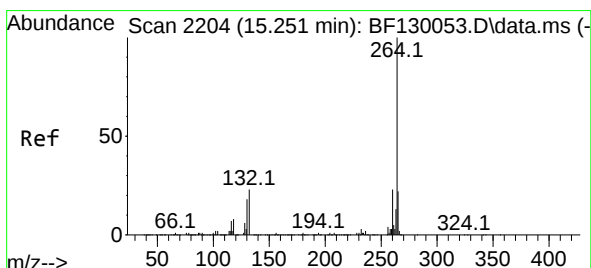
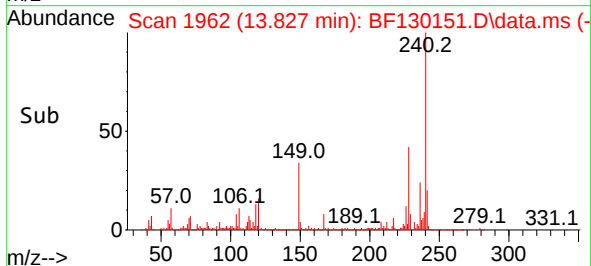
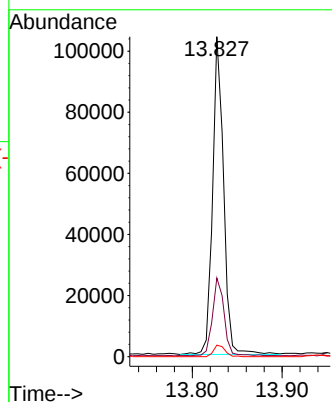
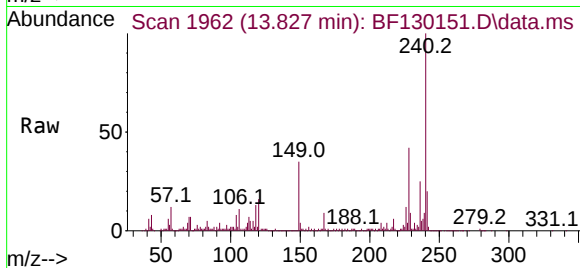
SB-14-COMP

Tgt Ion:149 Resp: 8907
Ion Ratio Lower Upper
149 100
167 24.6 22.0 33.0
279 3.6 3.6 5.4

Manual Integrations

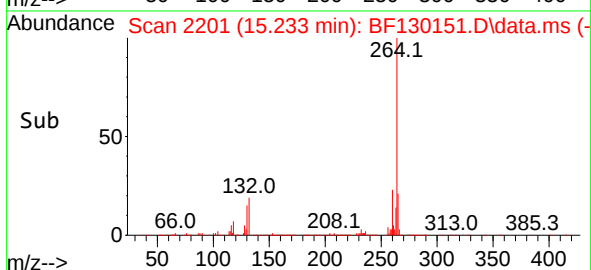
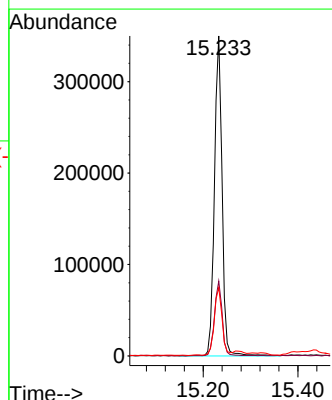
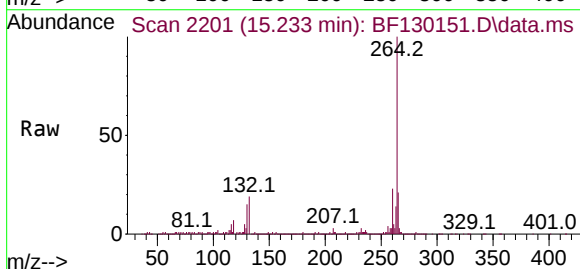
APPROVED

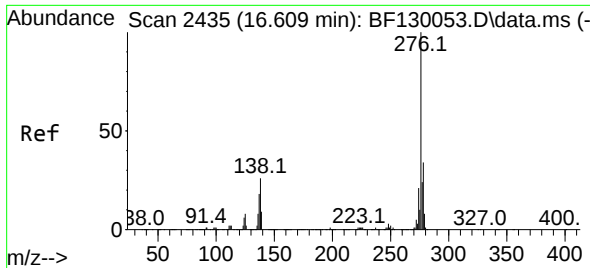
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.233 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

Tgt Ion:264 Resp: 393916
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.3 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.582 ng
RT: 16.568 min Scan# 2435
Delta R.T. -0.018 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

Instrument :

BNA_F

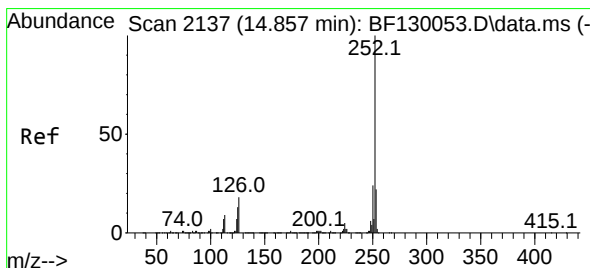
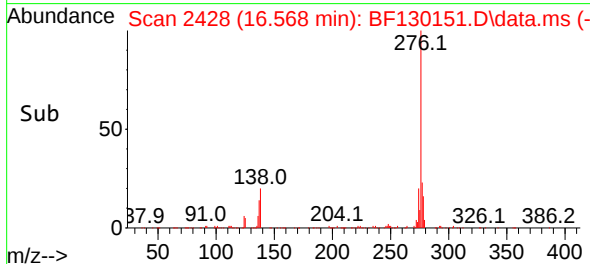
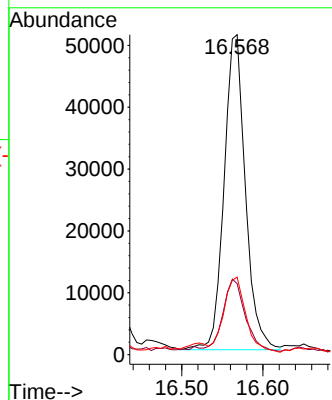
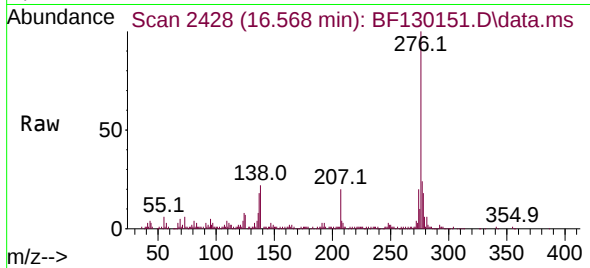
ClientSampleId :

SB-14-COMP

Tgt Ion:276 Resp: 93069
Ion Ratio Lower Upper
276 100
138 25.8 19.8 29.8
277 24.5 20.4 30.6

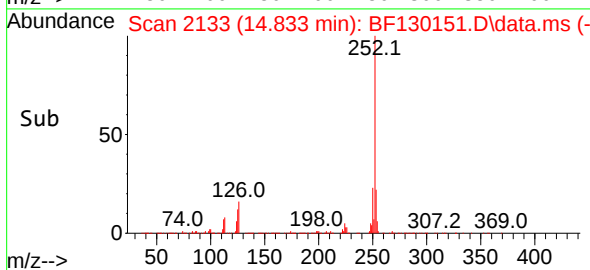
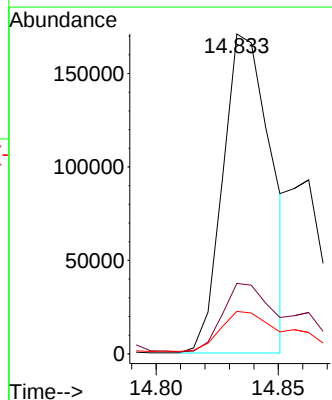
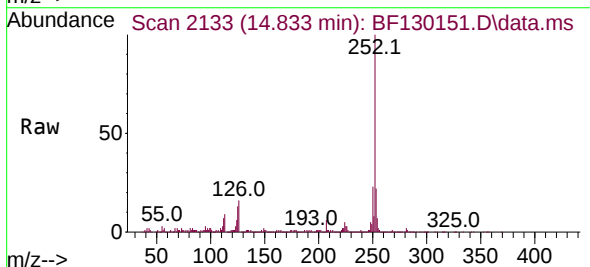
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APPROVED

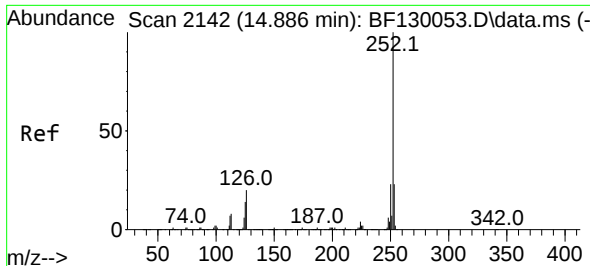
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#88
Benzo(b)fluoranthene
Concen: 8.875 ng m
RT: 14.833 min Scan# 2133
Delta R.T. -0.012 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

Tgt Ion:252 Resp: 233141
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 13.3 8.3 12.5#





#89
Benzo(k)fluoranthene
Concen: 3.404 ng m
RT: 14.862 min Scan# 2142
Delta R.T. -0.012 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

Instrument :

BNA_F

ClientSampleId :

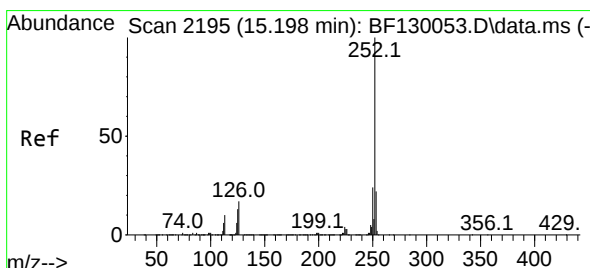
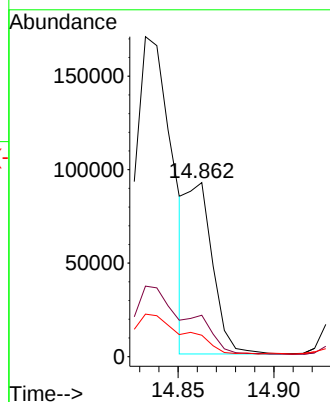
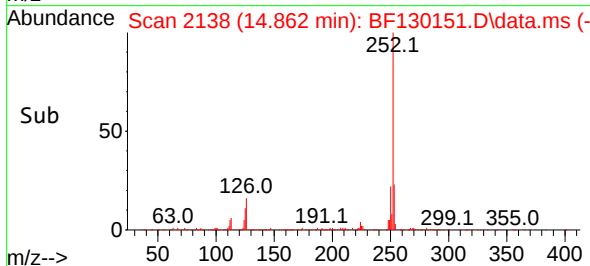
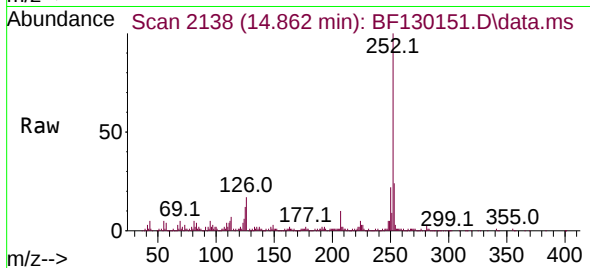
SB-14-COMP

Tgt Ion:252 Resp: 86492
Ion Ratio Lower Upper
252 100
253 23.7 17.1 25.7
125 12.3 8.3 12.5

Manual Integrations

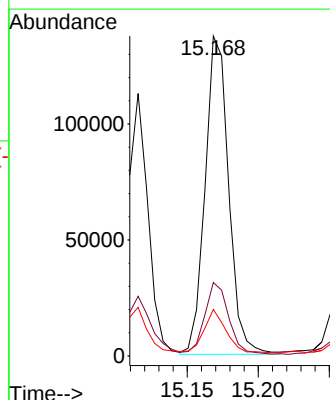
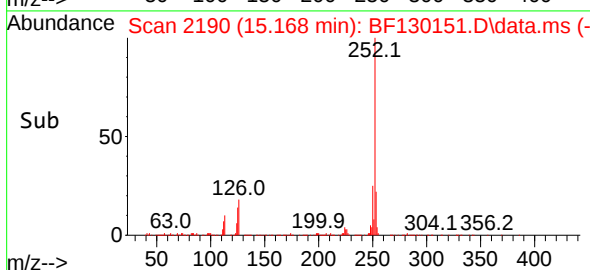
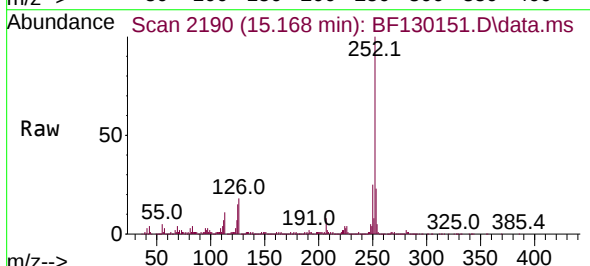
APPROVED

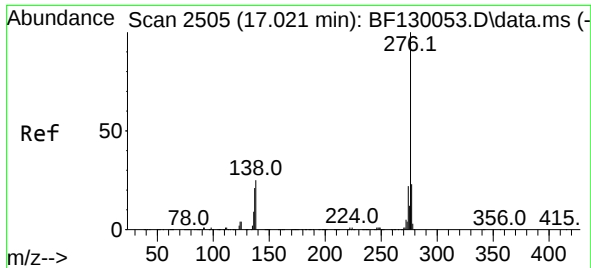
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#90
Benzo(a)pyrene
Concen: 7.595 ng
RT: 15.168 min Scan# 2190
Delta R.T. -0.012 min
Lab File: BF130151.D
Acq: 06 Sep 2022 22:30

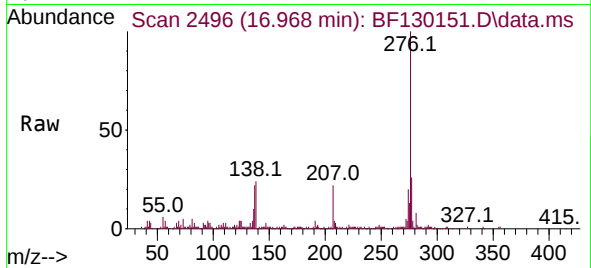
Tgt Ion:252 Resp: 158544
Ion Ratio Lower Upper
252 100
253 22.9 17.2 25.8
125 14.5 8.8 13.2#





#92
 Benzo(g,h,i)perylene
 Concen: 4.118 ng
 RT: 16.968 min Scan# 2496
 Delta R.T. -0.030 min
 Lab File: BF130151.D
 Acq: 06 Sep 2022 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP



Tgt Ion: 276 Resp: 87599

Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.2	27.4
138	24.2	15.8	23.8

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/07/2022
 Supervised By : Jagrut Upadhyay 09/07/2022

