

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
 Data File : BF130958.D
 Acq On : 03 Nov 2022 12:20
 Operator : CG\JU
 Sample : N5395-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-11-103122

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/04/2022
 Supervised By : Sohil Jodhani 11/04/2022

Quant Time: Nov 03 14:11:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 03 03:37:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	62053	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	230455	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	107464	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	160916	20.000	ng	-0.01
76) Chrysene-d12	14.110	240	115497	20.000	ng	-0.01
86) Perylene-d12	15.621	264	130029	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	455935	127.377	ng	0.00
7) Phenol-d6	6.545	99	572583	123.098	ng	0.00
23) Nitrobenzene-d5	7.487	82	381930	99.932	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	115251	127.401	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	538118	75.706	ng	0.00
79) Terphenyl-d14	13.051	244	351745	55.807	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.316	107	28587	6.451	ng	89
71) Phenanthrene	11.480	178	23737	2.858	ng	99
75) Fluoranthene	12.674	202	38874	4.405	ng	96
78) Pyrene	12.904	202	33559	3.444	ng	99
81) Benzo(a)anthracene	14.098	228	18785m	2.453	ng	
83) Chrysene	14.133	228	21992	2.977	ng	95
88) Benzo(b)fluoranthene	15.168	252	30606m	3.641	ng	
90) Benzo(a)pyrene	15.551	252	20215	2.992	ng	# 91
92) Benzo(g,h,i)perylene	17.621	276	14672	2.043	ng	# 89

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

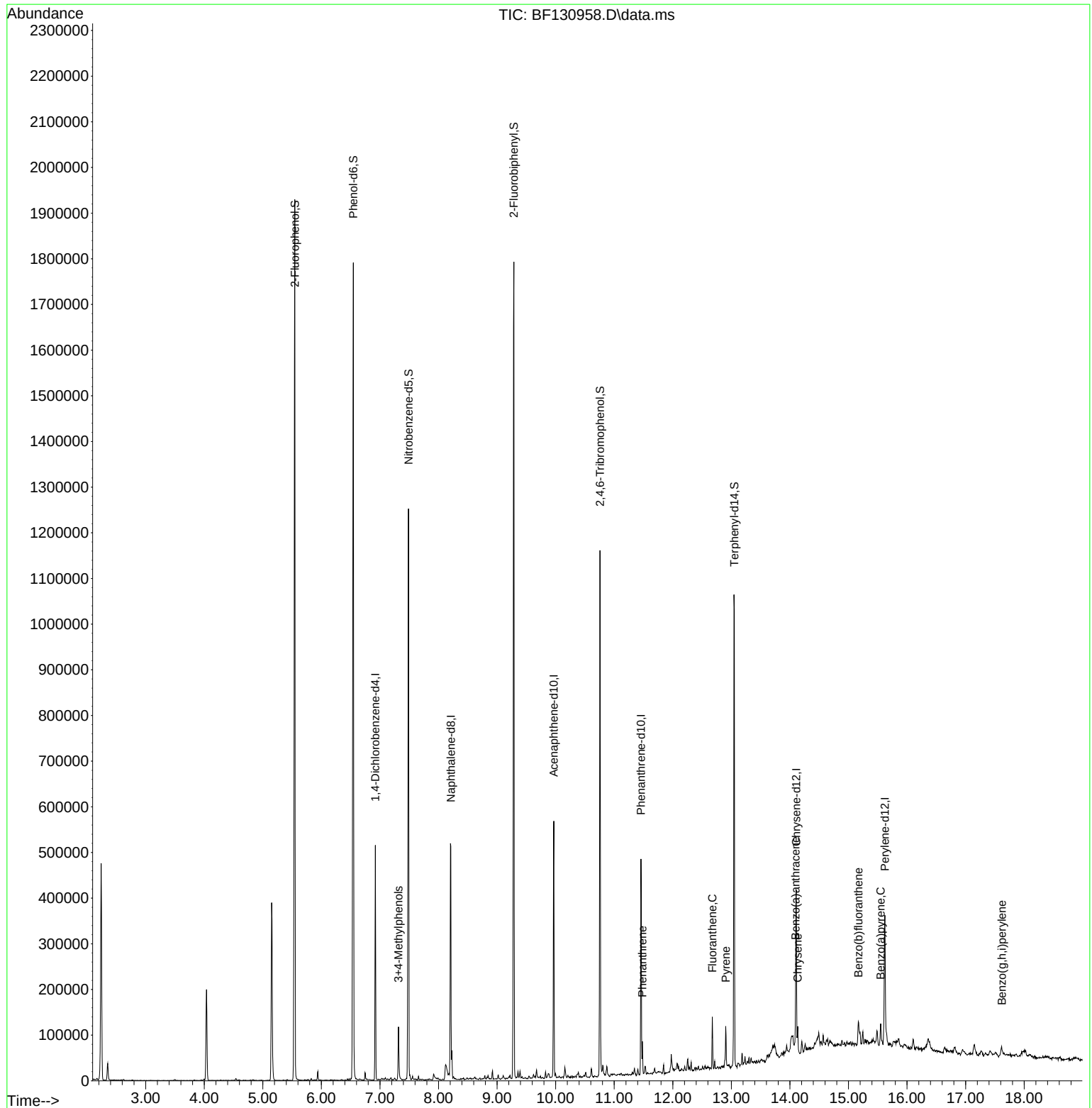
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130958.D
Acq On : 03 Nov 2022 12:20
Operator : CG\JU
Sample : N5395-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

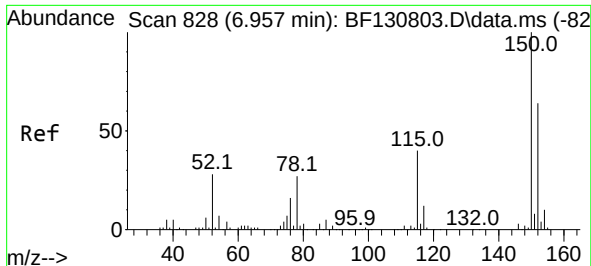
Instrument :
BNA_F
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S-11-103122

Quant Time: Nov 03 14:11:26 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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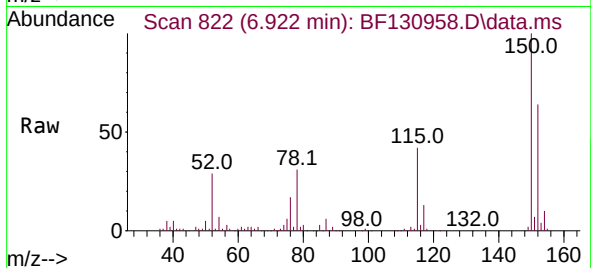
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130958.D
Acq: 03 Nov 2022 12:20

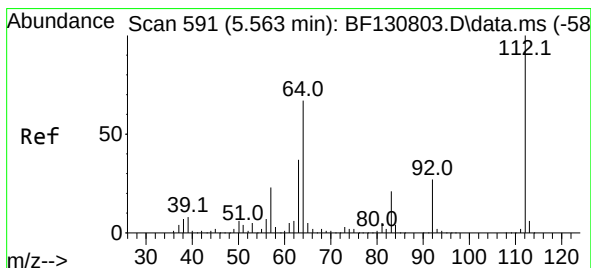
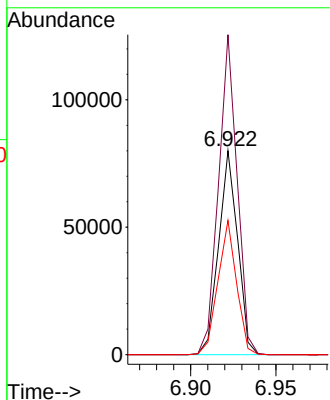
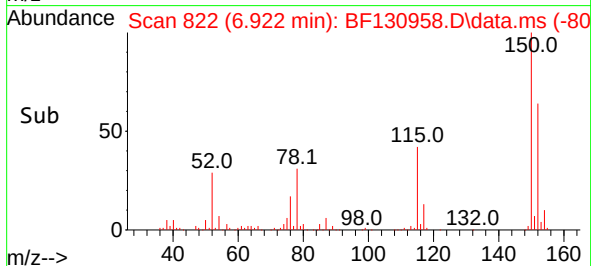
Instrument :
BNA_F
ClientSampleId :
S-11-103122



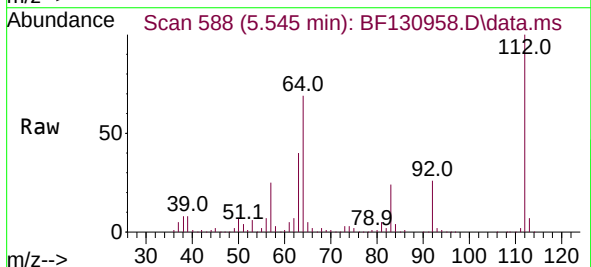
Tgt Ion:152 Resp: 62053
Ion Ratio Lower Upper
152 100
150 157.0 124.1 186.1
115 65.8 50.1 75.1

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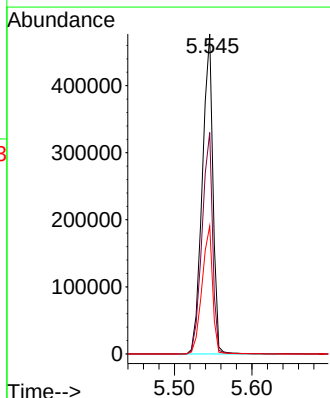
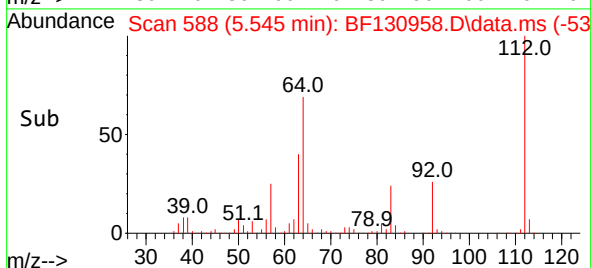
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022

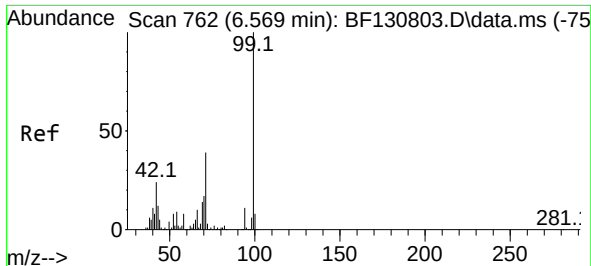


#5
2-Fluorophenol
Concen: 127.377 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.006 min
Lab File: BF130958.D
Acq: 03 Nov 2022 12:20



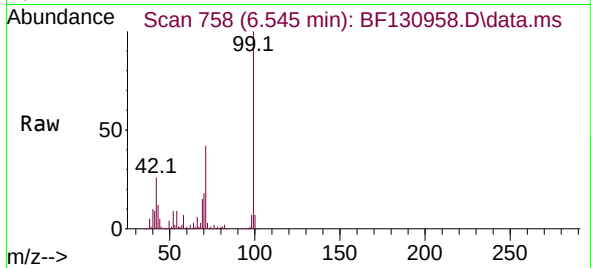
Tgt Ion:112 Resp: 455935
Ion Ratio Lower Upper
112 100
64 69.2 53.9 80.9
63 40.0 29.4 44.2





#7
Phenol-d6
Concen: 123.098 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130958.D
Acq: 03 Nov 2022 12:20

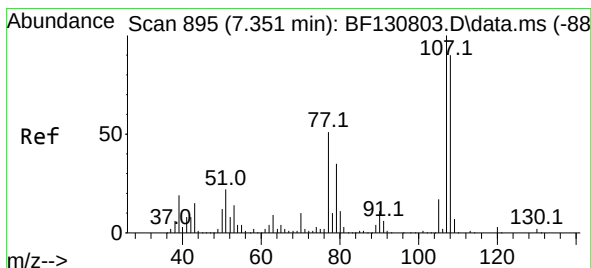
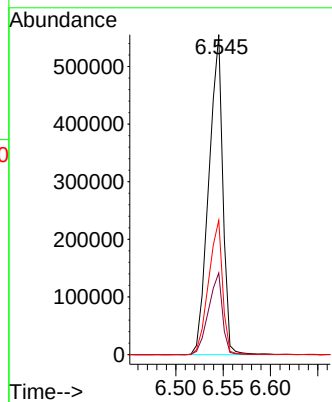
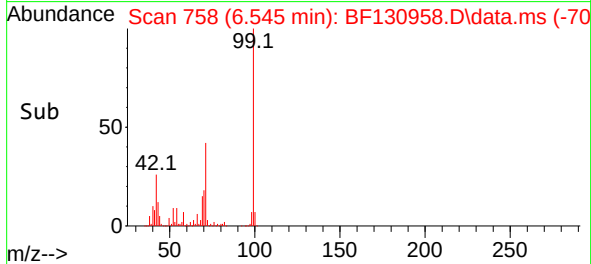
Instrument :
BNA_F
ClientSampleId :
S-11-103122



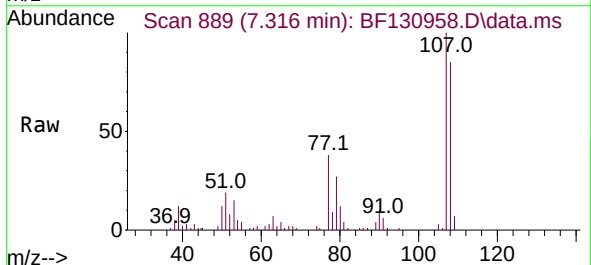
Tgt Ion: 99 Resp: 572583
Ion Ratio Lower Upper
99 100
42 25.5 18.8 28.2
71 42.0 31.4 47.0

Manual Integrations
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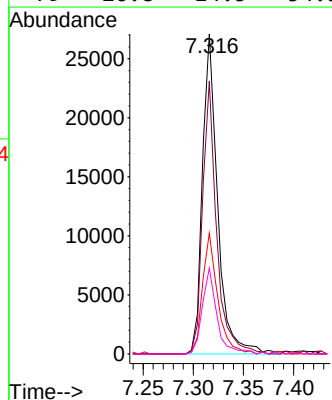
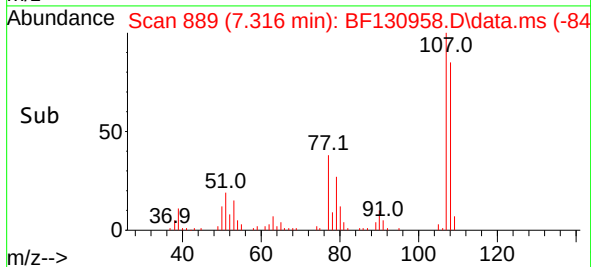
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022

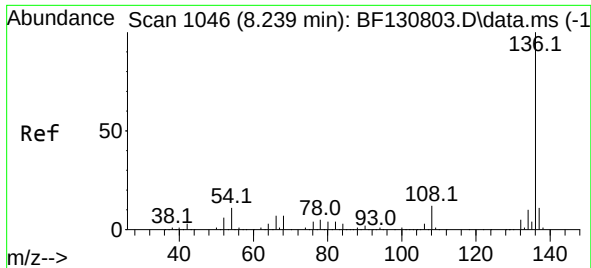


#20
3+4-Methylphenols
Concen: 6.451 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF130958.D
Acq: 03 Nov 2022 12:20



Tgt Ion:107 Resp: 28587
Ion Ratio Lower Upper
107 100
108 85.2 70.4 110.4
77 37.7 31.1 71.1
79 26.8 14.5 54.5





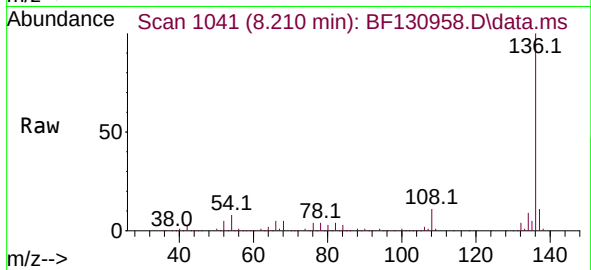
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF130958.D
Acq: 03 Nov 2022 12:20

Instrument :

BNA_F

ClientSampleId :

S-11-103122

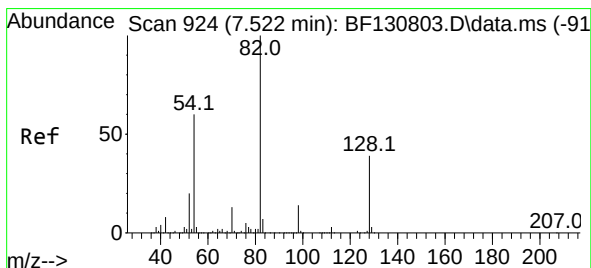
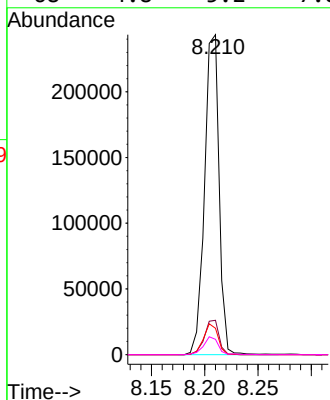
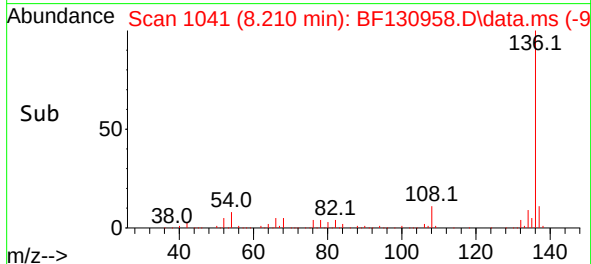


Tgt Ion:136 Resp: 230455
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 8.2 8.8 13.2
68 4.8 5.2 7.8

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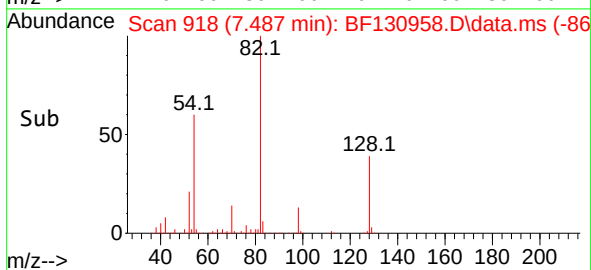
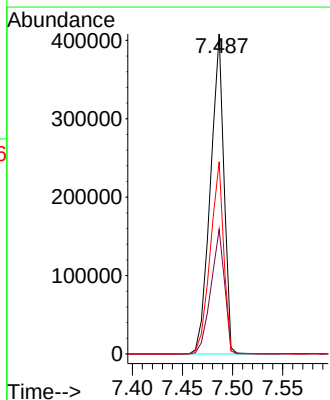
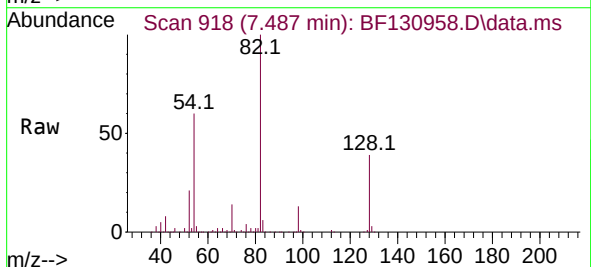
APPROVED

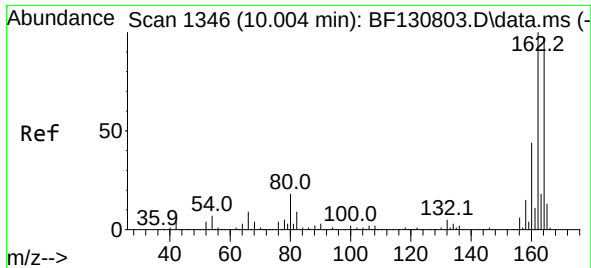
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#23
Nitrobenzene-d5
Concen: 99.932 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130958.D
Acq: 03 Nov 2022 12:20

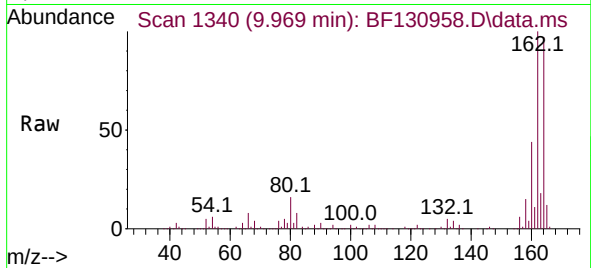
Tgt Ion: 82 Resp: 381930
Ion Ratio Lower Upper
82 100
128 39.0 31.2 46.8
54 60.0 48.0 72.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF130958.D
Acq: 03 Nov 2022 12:20

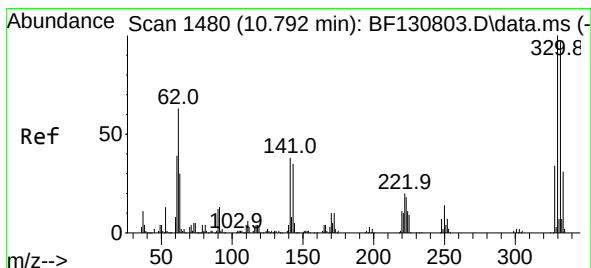
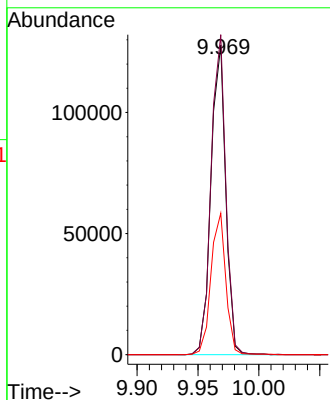
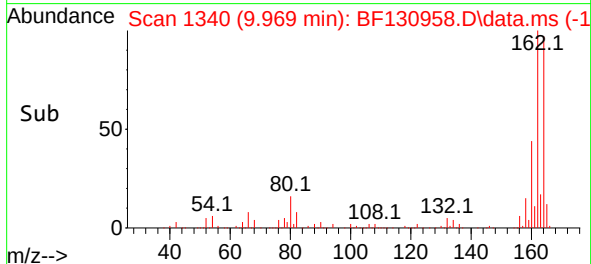
Instrument :
BNA_F
ClientSampleId :
S-11-103122



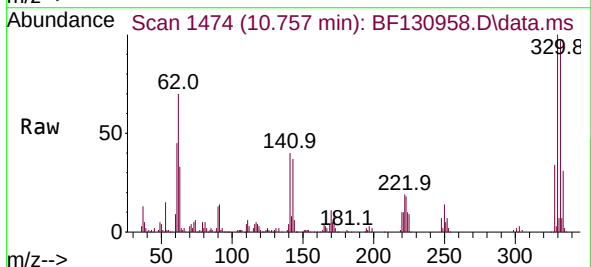
Tgt Ion:164 Resp: 107464
Ion Ratio Lower Upper
164 100
162 103.3 82.2 123.2
160 45.6 36.6 54.8

Manual Integrations
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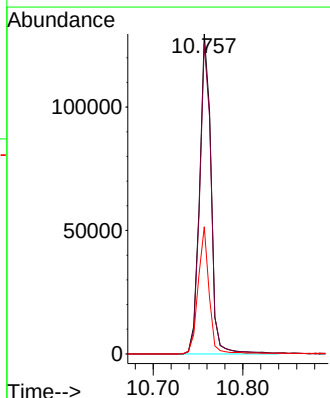
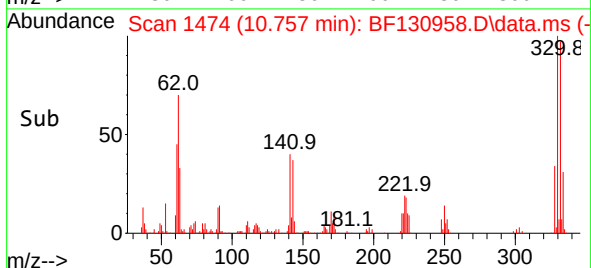
Reviewed By :Christian Giraldo 11/04/2022
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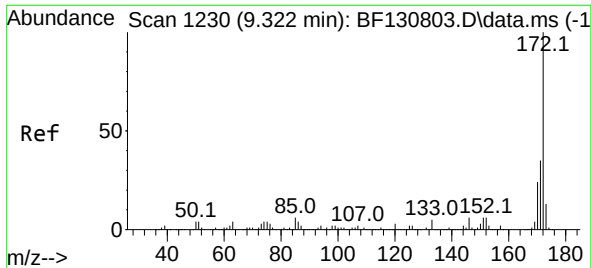


#42
2,4,6-Tribromophenol
Concen: 127.401 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.012 min
Lab File: BF130958.D
Acq: 03 Nov 2022 12:20



Tgt Ion:330 Resp: 115251
Ion Ratio Lower Upper
330 100
332 97.3 76.2 114.4
141 38.0 31.4 47.0





#45
2-Fluorobiphenyl
Concen: 75.706 ng
RT: 9.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130958.D
Acq: 03 Nov 2022 12:20

Instrument :

BNA_F

ClientSampleId :

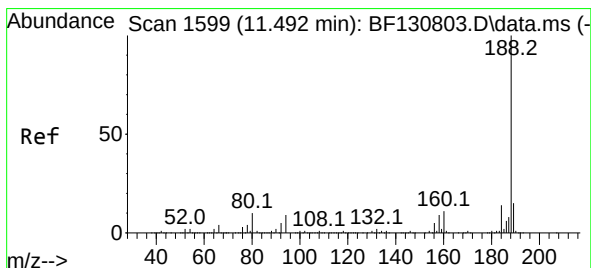
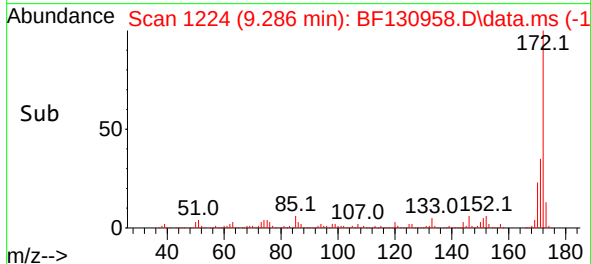
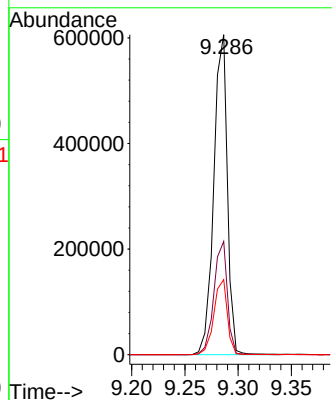
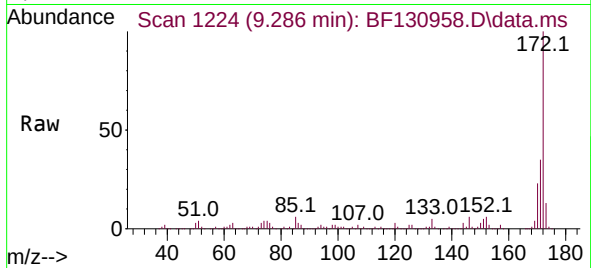
S-11-103122

Tgt Ion:172 Resp: 538118
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.4 19.0 28.4

Manual Integrations

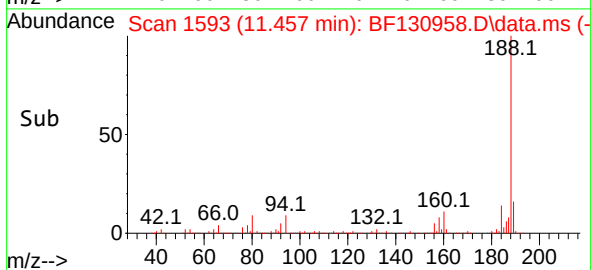
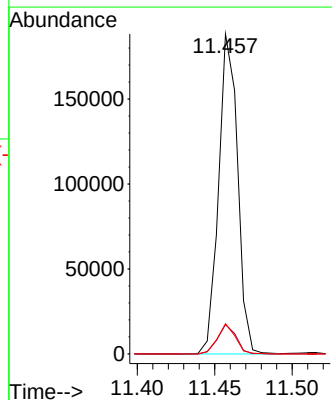
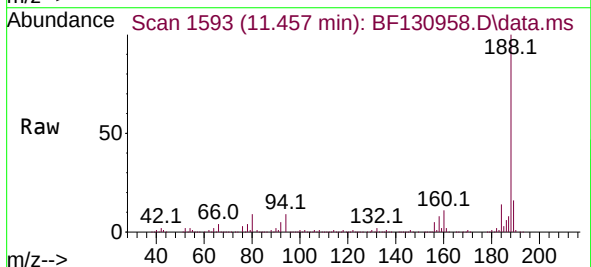
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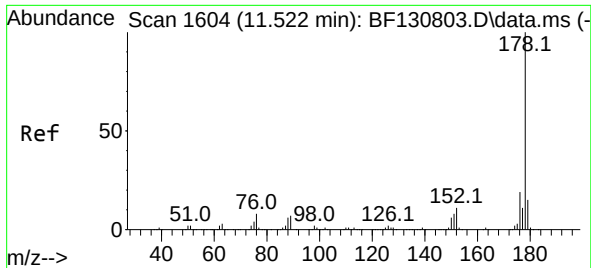
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BF130958.D
Acq: 03 Nov 2022 12:20

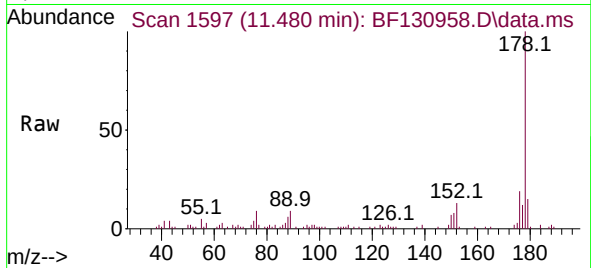
Tgt Ion:188 Resp: 160916
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.4 8.0 12.0





#71
Phenanthrene
Concen: 2.858 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130958.D
Acq: 03 Nov 2022 12:20

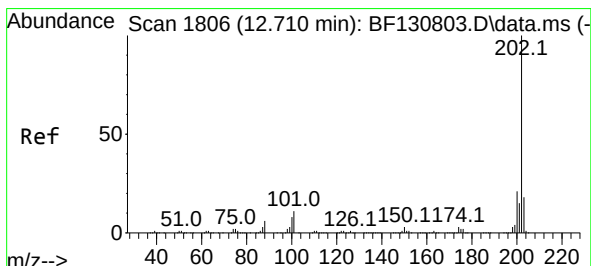
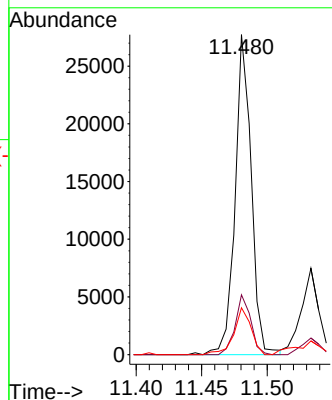
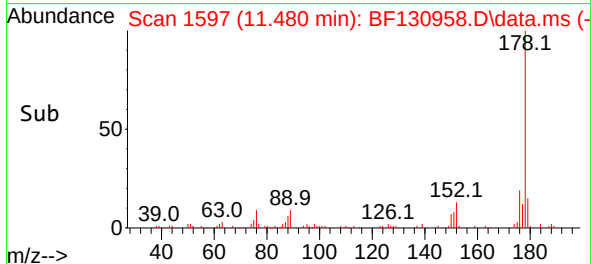
Instrument :
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Tgt Ion:178 Resp: 2373
Ion Ratio Lower Upper
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176 18.7 15.5 23.3
179 14.6 12.2 18.2

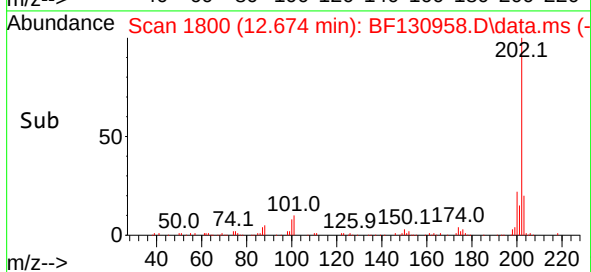
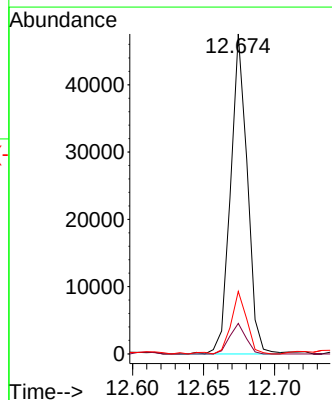
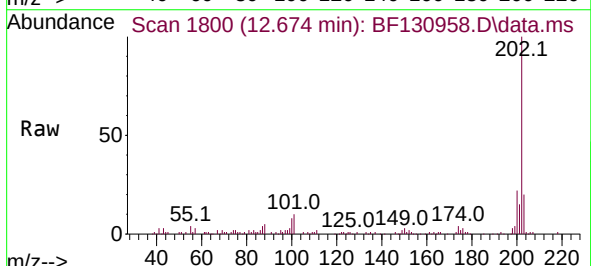
Manual Integrations
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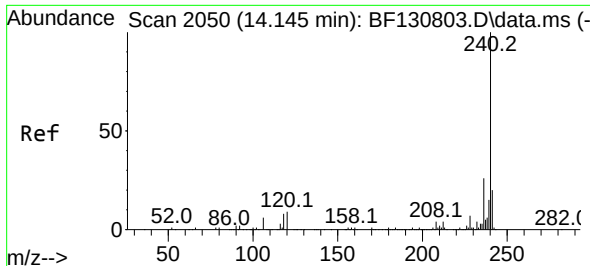
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#75
Fluoranthene
Concen: 4.405 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.012 min
Lab File: BF130958.D
Acq: 03 Nov 2022 12:20

Tgt Ion:202 Resp: 38874
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.9
203 19.5 0.0 37.7





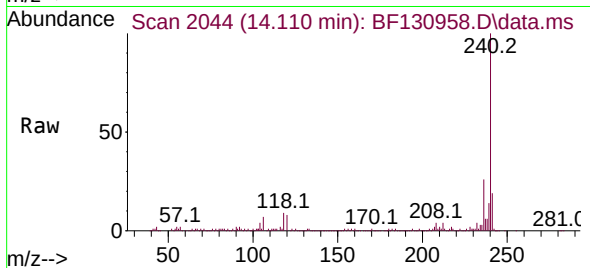
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2050
Delta R.T. -0.012 min
Lab File: BF130958.D
Acq: 03 Nov 2022 12:20

Instrument :

BNA_F

ClientSampleId :

S-11-103122

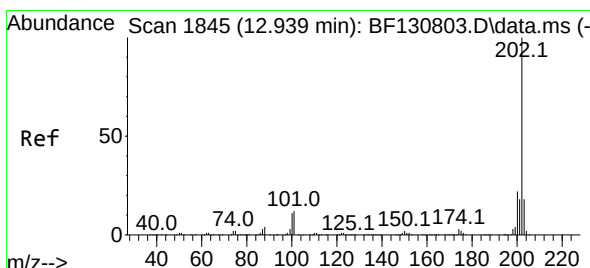
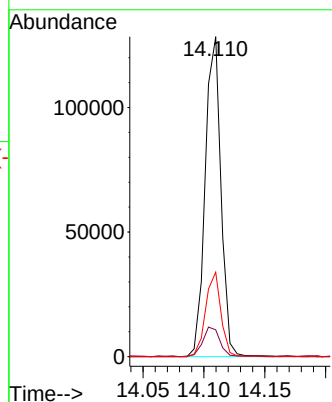
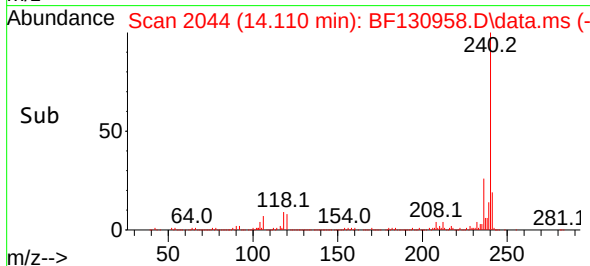


Tgt Ion:240 Resp: 115497
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.4
236 26.4 20.5 30.7

Manual Integrations

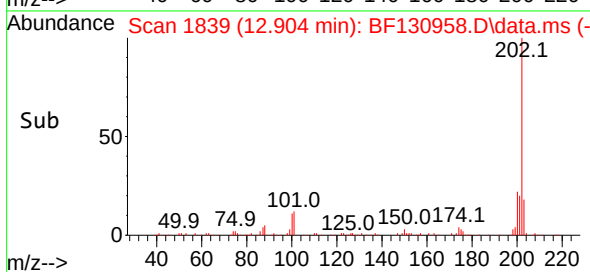
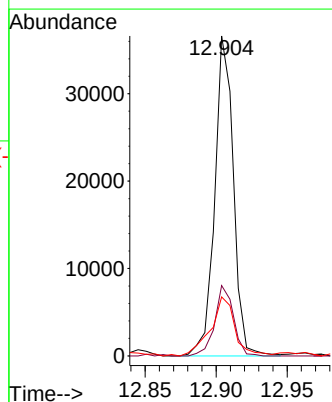
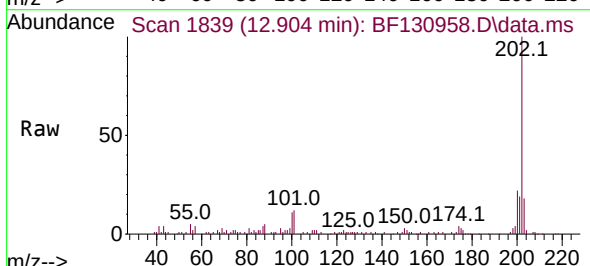
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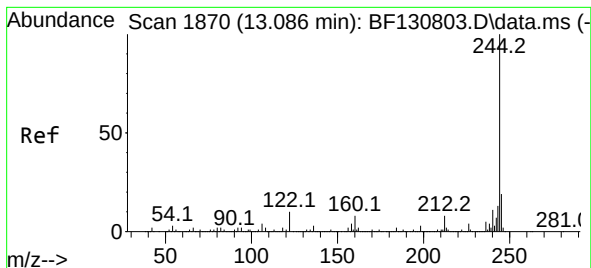
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#78
Pyrene
Concen: 3.444 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF130958.D
Acq: 03 Nov 2022 12:20

Tgt Ion:202 Resp: 33559
Ion Ratio Lower Upper
202 100
200 22.0 17.2 25.8
203 18.4 14.5 21.7





#79

Terphenyl-d14

Concen: 55.807 ng

RT: 13.051 min Scan# 1870

Delta R.T. -0.006 min

Lab File: BF130958.D

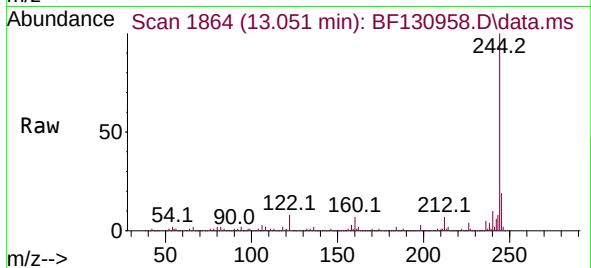
Acq: 03 Nov 2022 12:20

Instrument :

BNA_F

ClientSampleId :

S-11-103122



Tgt Ion:244 Resp: 351745

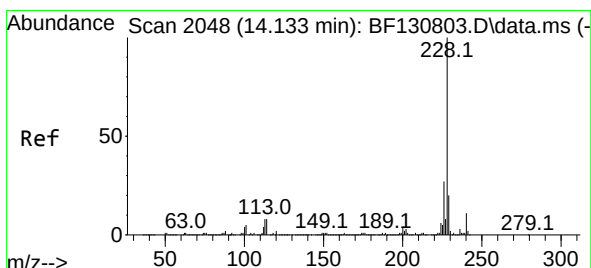
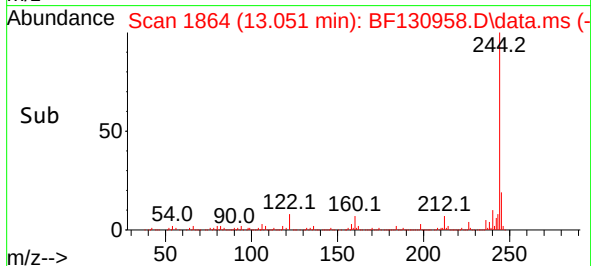
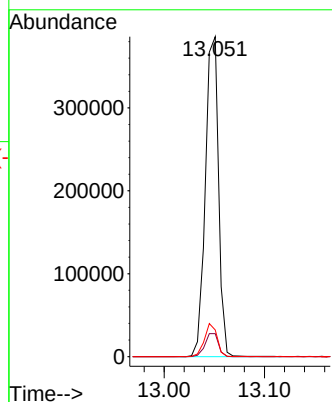
Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	8.3	7.9	11.9

Manual Integrations

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Reviewed By :Christian Giraldo 11/04/2022

Supervised By :Sohil Jodhani 11/04/2022



#81

Benzo(a)anthracene

Concen: 2.453 ng m

RT: 14.098 min Scan# 2042

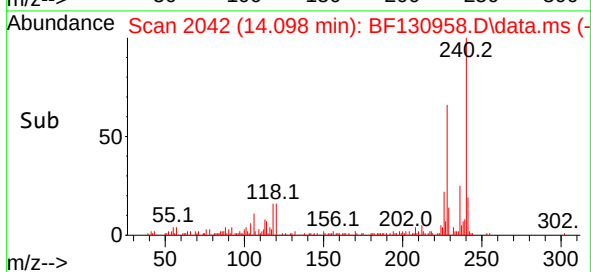
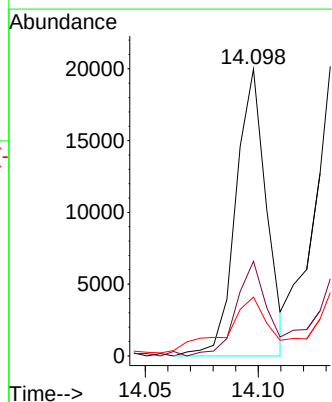
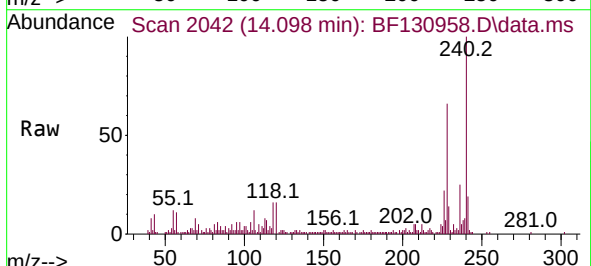
Delta R.T. -0.012 min

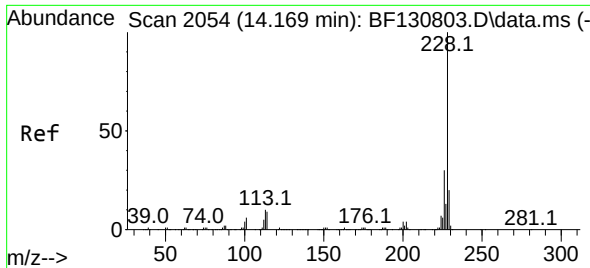
Lab File: BF130958.D

Acq: 03 Nov 2022 12:20

Tgt Ion:228 Resp: 18785

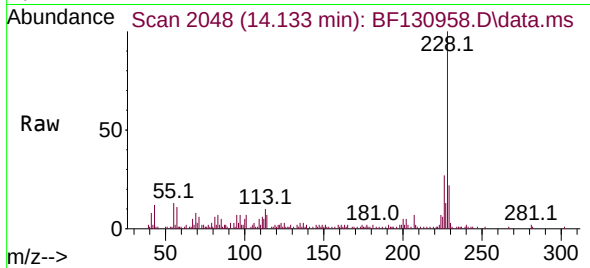
Ion	Ratio	Lower	Upper
228	100		
226	33.0	21.4	32.2#
229	20.5	15.8	23.6





#83
Chrysene
Concen: 2.977 ng
RT: 14.133 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BF130958.D
Acq: 03 Nov 2022 12:20

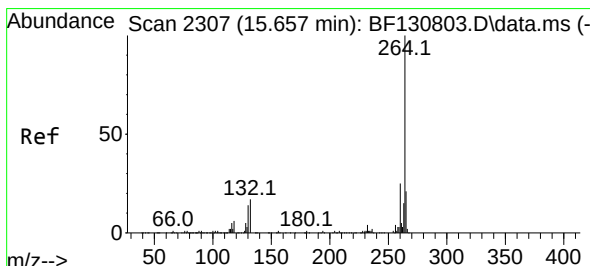
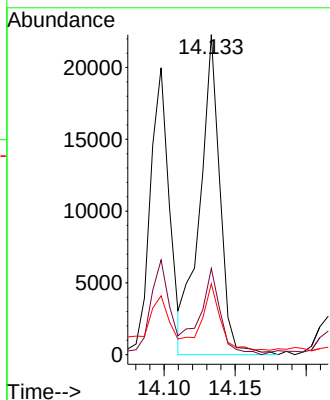
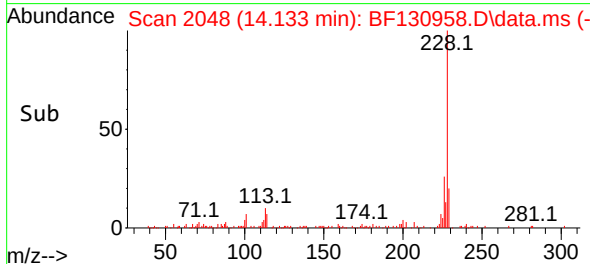
Instrument :
BNA_F
ClientSampleId :
S-11-103122



Tgt Ion:228 Resp: 21992
Ion Ratio Lower Upper
228 100
226 26.9 23.9 35.9
229 22.1 15.8 23.6

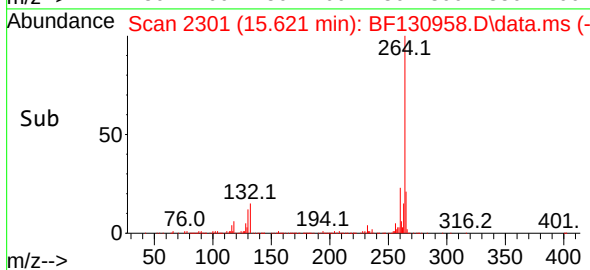
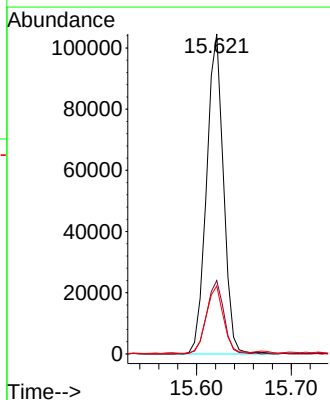
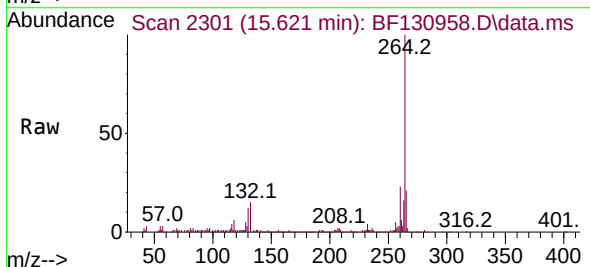
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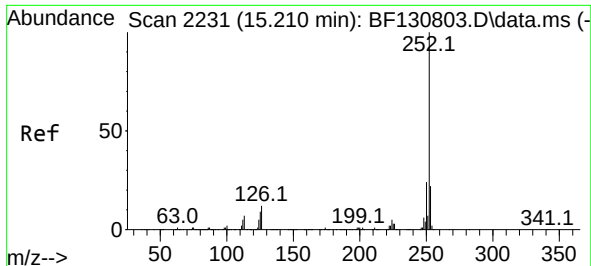
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2301
Delta R.T. -0.006 min
Lab File: BF130958.D
Acq: 03 Nov 2022 12:20

Tgt Ion:264 Resp: 130029
Ion Ratio Lower Upper
264 100
260 22.9 19.9 29.9
265 21.2 17.0 25.6





#88

Benzo(b)fluoranthene

Concen: 3.641 ng m

RT: 15.168 min Scan# 2231

Delta R.T. -0.012 min

Lab File: BF130958.D

Acq: 03 Nov 2022 12:20

Instrument :

BNA_F

ClientSampleId :

S-11-103122

Tgt Ion:252 Resp: 30600

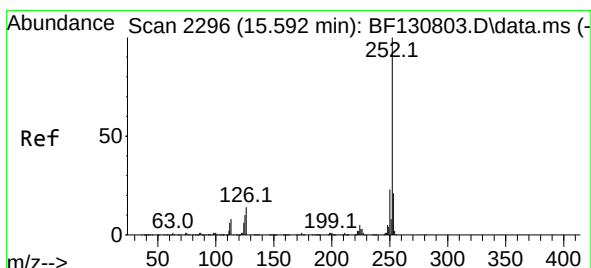
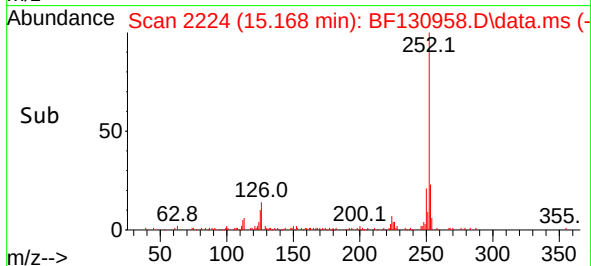
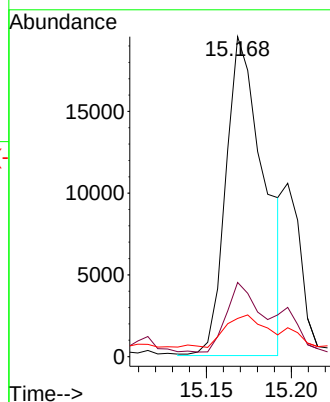
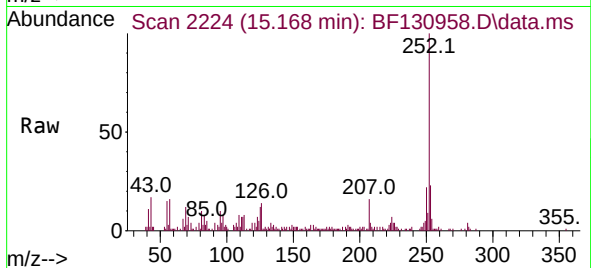
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	11.9	7.0	10.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/04/2022

Supervised By :Sohil Jodhani 11/04/2022



#90

Benzo(a)pyrene

Concen: 2.992 ng

RT: 15.551 min Scan# 2289

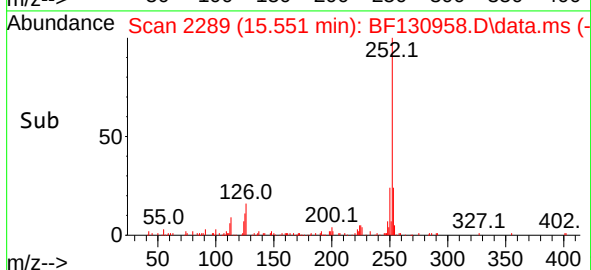
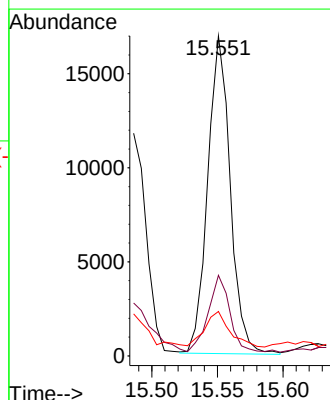
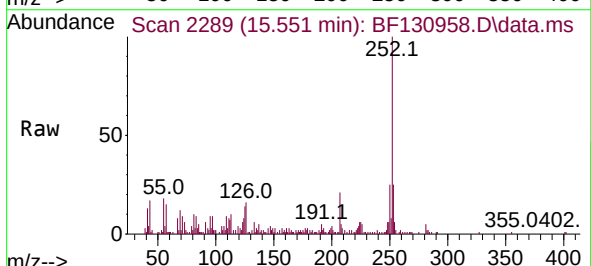
Delta R.T. -0.018 min

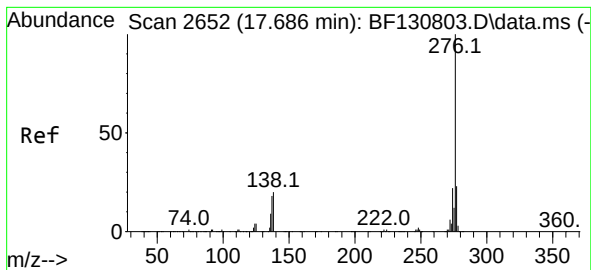
Lab File: BF130958.D

Acq: 03 Nov 2022 12:20

Tgt Ion:252 Resp: 20215

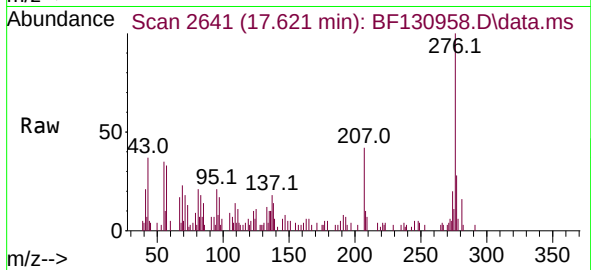
Ion	Ratio	Lower	Upper
252	100		
253	25.2	16.8	25.2
125	13.9	8.3	12.5





#92
Benzo(g,h,i)perylene
Concen: 2.043 ng
RT: 17.621 min Scan# 20
Delta R.T. -0.029 min
Lab File: BF130958.D
Acq: 03 Nov 2022 12:20

Instrument :
BNA_F
ClientSampleId :
S-11-103122



Tgt Ion: 276 Resp: 14672
Ion Ratio Lower Upper
276 100
277 28.4 18.8 28.2
138 14.4 16.3 24.5

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 11/04/2022
Supervised By : Sohil Jodhani 11/04/2022

