

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128921.D
 Acq On : 22 Jun 2022 02:44
 Operator : CG\JU
 Sample : N3414-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-062022

Quant Time: Jun 22 04:02:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 06/22/2022
 Supervised By : Jagrut Upadhyay 06/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	102334	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	346952	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	163280	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	273483	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	194365	20.000	ng	# 0.00
86) Perylene-d12	15.368	264	141310	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	33056	5.145	ng	0.00
7) Phenol-d6	6.416	99	41704	5.318	ng	0.00
23) Nitrobenzene-d5	7.316	82	28457	3.819	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	7122	3.692	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	51197	4.392	ng	0.00
79) Terphenyl-d14	12.863	244	49346	4.412	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.298	178	59785	4.358	ng	97
75) Fluoranthene	12.492	202	138214	9.639	ng	96
78) Pyrene	12.722	202	144342	9.982	ng	97
81) Benzo(a)anthracene	13.910	228	72320	5.969	ng	92
83) Chrysene	13.945	228	63608m	5.507	ng	
87) Indeno(1,2,3-cd)pyrene	16.786	276	25109	2.948	ng	# 90
88) Benzo(b)fluoranthene	14.951	252	66652m	7.382	ng	
89) Benzo(k)fluoranthene	14.974	252	20293m	2.389	ng	
90) Benzo(a)pyrene	15.304	252	44841	6.318	ng	# 95
92) Benzo(g,h,i)perylene	17.221	276	23280	3.325	ng	94

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

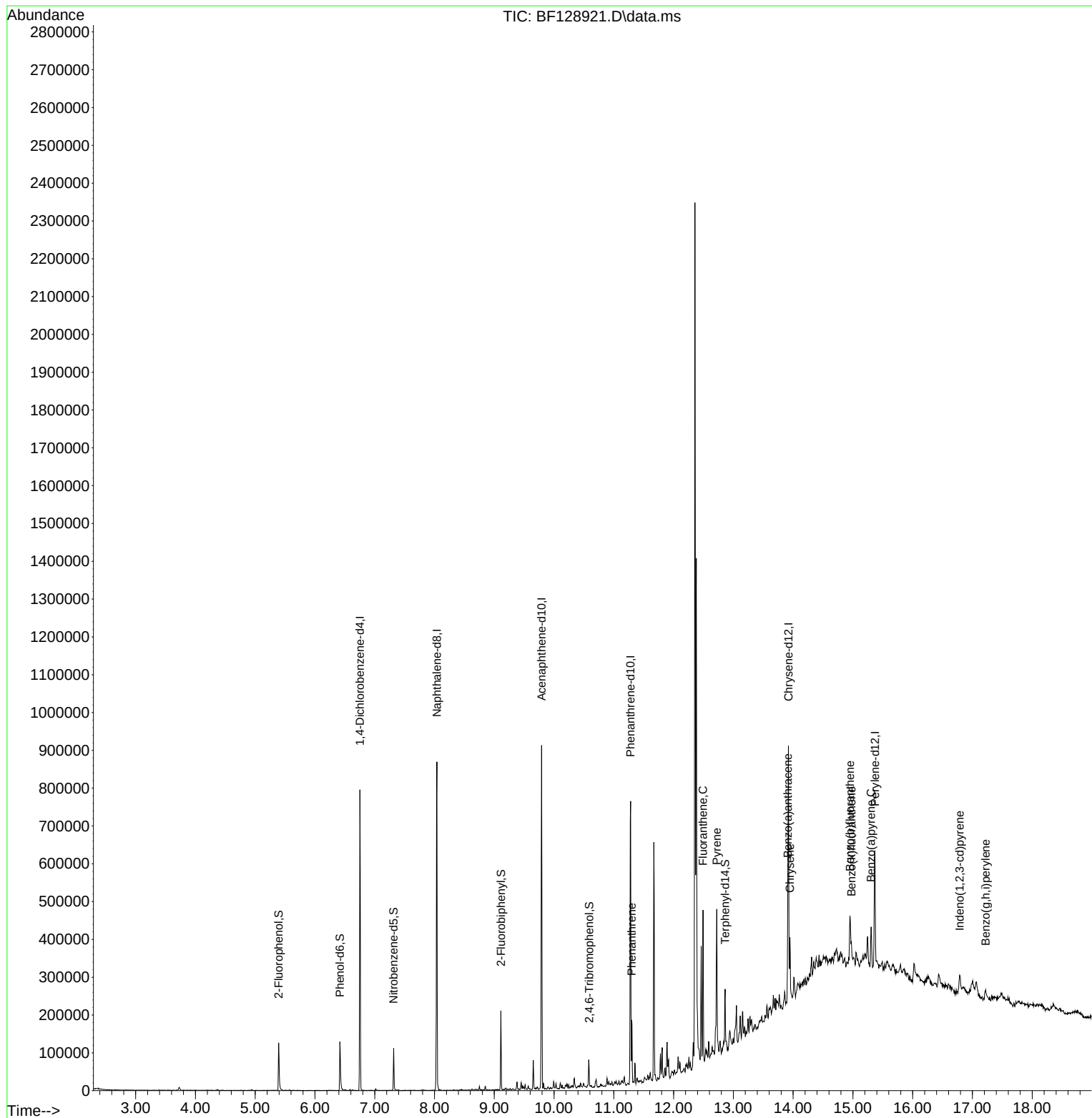
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128921.D
Acq On : 22 Jun 2022 02:44
Operator : CG\JU
Sample : N3414-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

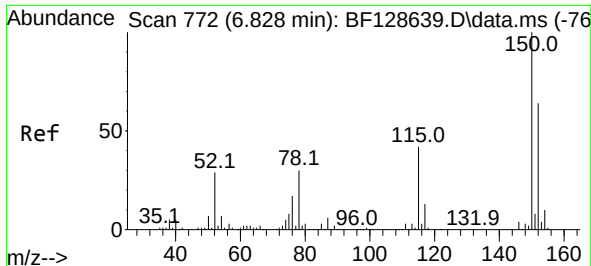
Instrument :
BNA_F
ClientSampleId :
SU-04-062022

Quant Time: Jun 22 04:02:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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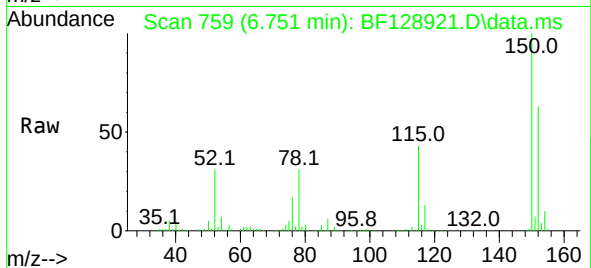
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Supervised By : Jagrut Upadhyay 06/22/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128921.D
Acq: 22 Jun 2022 02:44

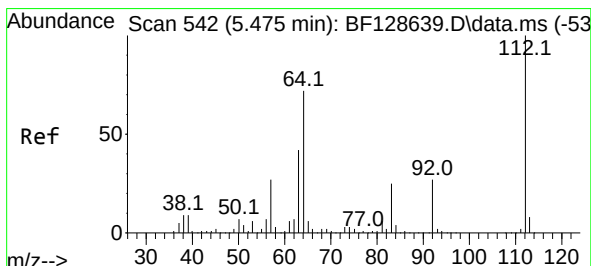
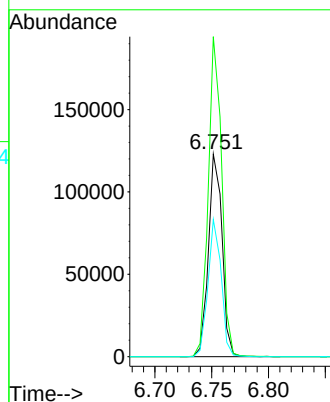
Instrument :
BNA_F
ClientSampleId :
SU-04-062022



Tgt Ion:152 Resp: 102334
Ion Ratio Lower Upper
152 100
150 157.9 123.7 185.5
115 67.7 49.9 74.9

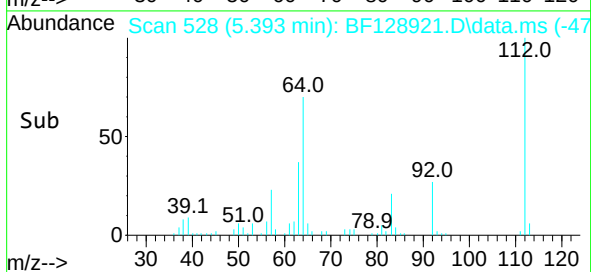
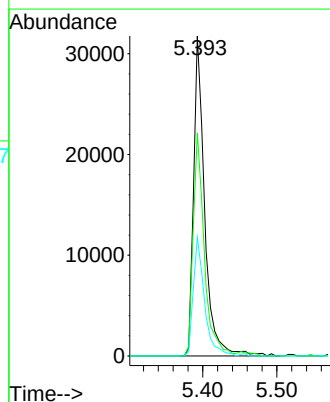
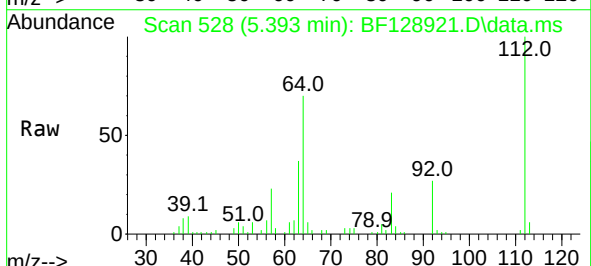
Manual Integrations
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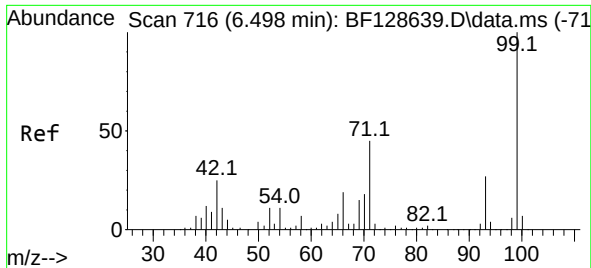
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#5
2-Fluorophenol
Concen: 5.145 ng
RT: 5.393 min Scan# 528
Delta R.T. 0.006 min
Lab File: BF128921.D
Acq: 22 Jun 2022 02:44

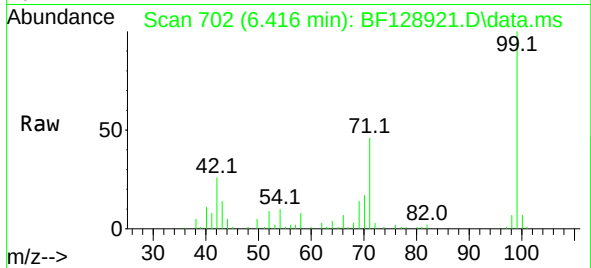
Tgt Ion:112 Resp: 33056
Ion Ratio Lower Upper
112 100
64 69.7 53.3 79.9
63 37.0 28.0 42.0





#7
Phenol-d6
Concen: 5.318 ng
RT: 6.416 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF128921.D
Acq: 22 Jun 2022 02:44

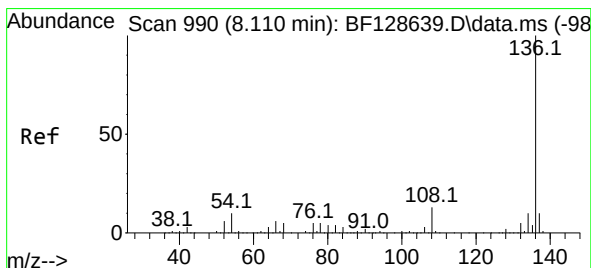
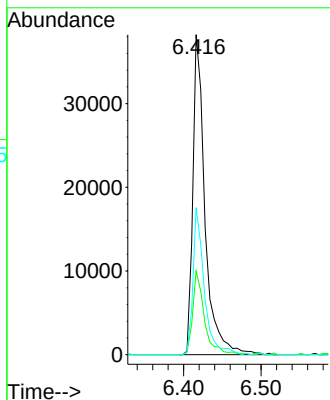
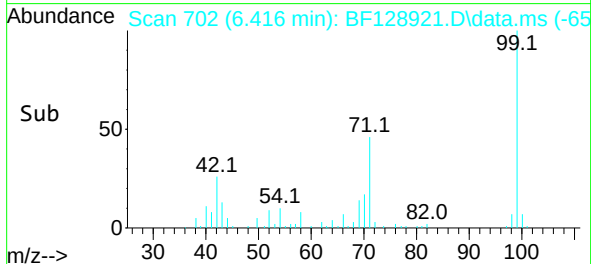
Instrument :
BNA_F
ClientSampleId :
SU-04-062022



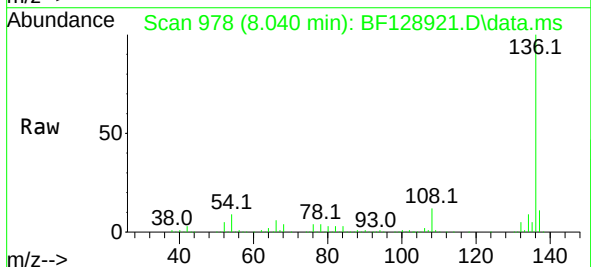
Tgt Ion: 99 Resp: 41704
Ion Ratio Lower Upper
99 100
42 26.2 17.3 25.9
71 46.0 28.9 43.3

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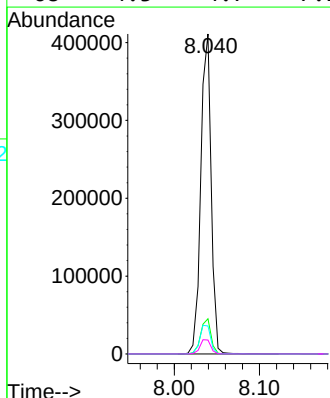
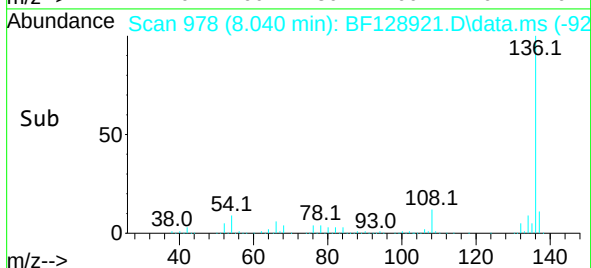
Reviewed By :Christian Giraldo 06/22/2022
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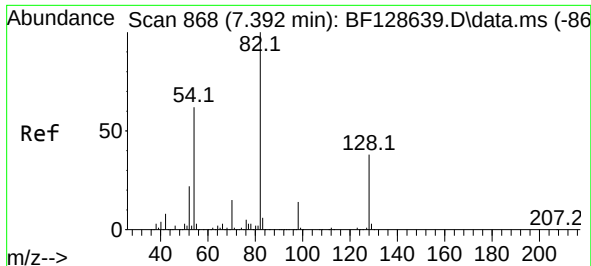


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF128921.D
Acq: 22 Jun 2022 02:44



Tgt Ion:136 Resp: 346952
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.8 7.5 11.3
68 4.3 4.7 7.1





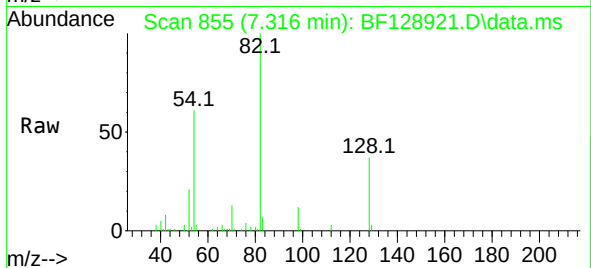
#23
Nitrobenzene-d5
Concen: 3.819 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128921.D
Acq: 22 Jun 2022 02:44

Instrument :

BNA_F

ClientSampleId :

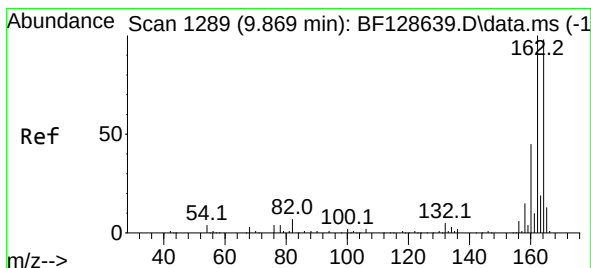
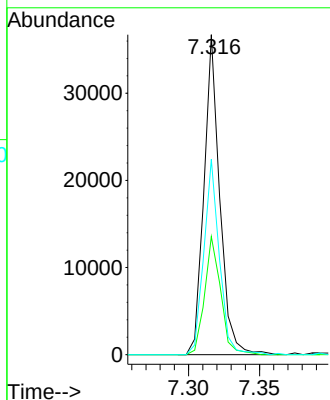
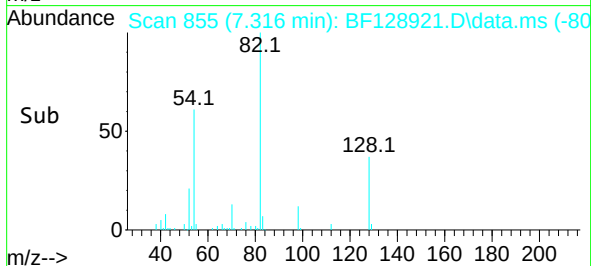
SU-04-062022



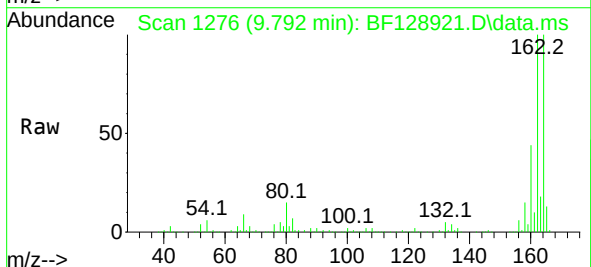
Tgt Ion: 82 Resp: 2845
Ion Ratio Lower Upper
82 100
128 36.9 34.0 51.0
54 61.1 46.9 70.3

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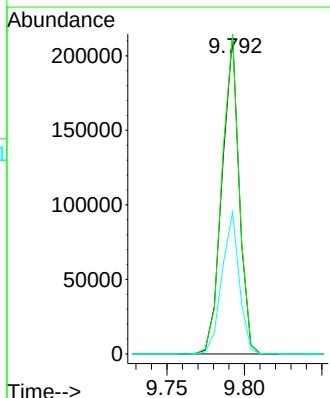
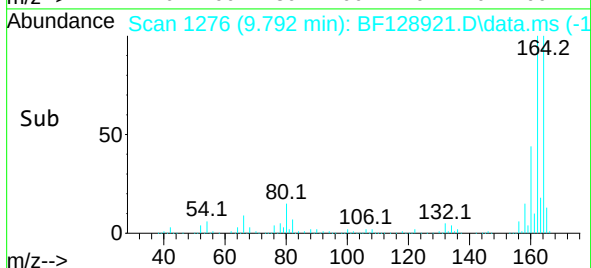
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

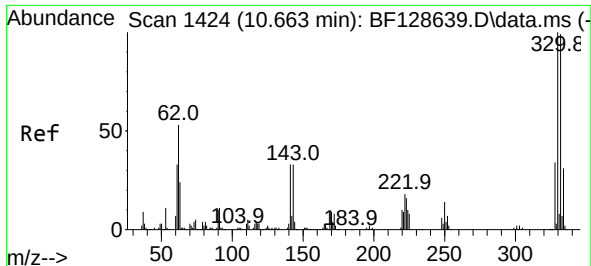


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF128921.D
Acq: 22 Jun 2022 02:44



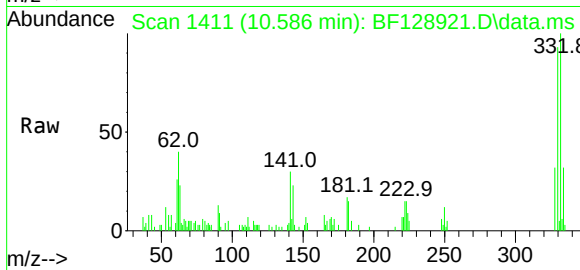
Tgt Ion:164 Resp: 163280
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 44.5 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 3.692 ng
RT: 10.586 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF128921.D
Acq: 22 Jun 2022 02:44

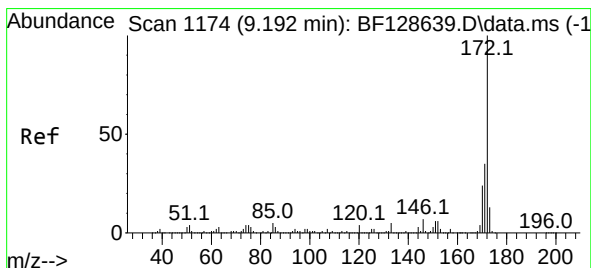
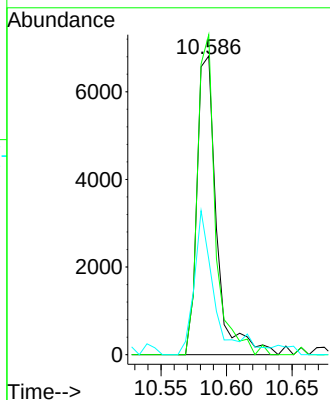
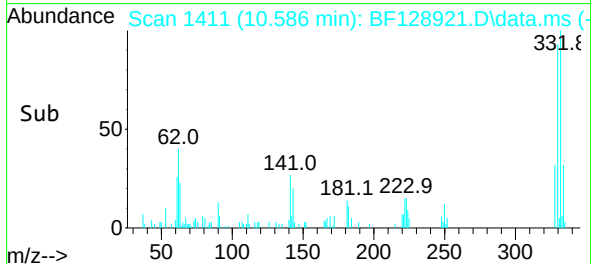
Instrument :
BNA_F
ClientSampleId :
SU-04-062022



Tgt Ion: 330 Resp: 712
Ion Ratio Lower Upper
330 100
332 98.0 76.8 115.2
141 50.2 28.0 42.0

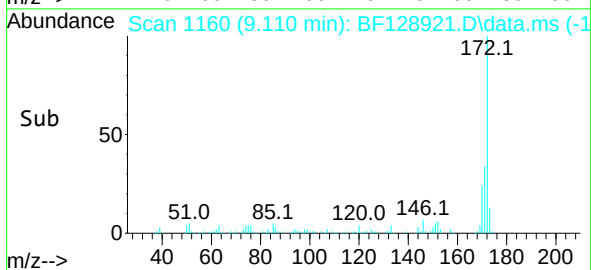
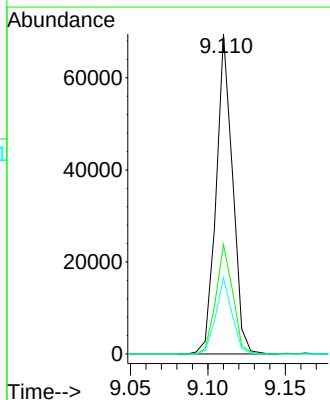
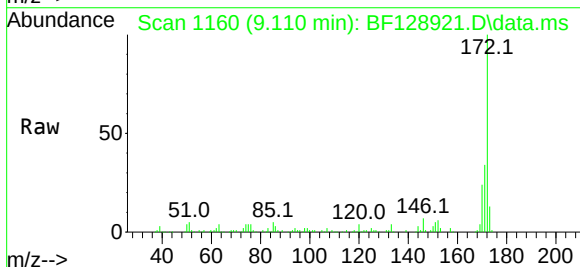
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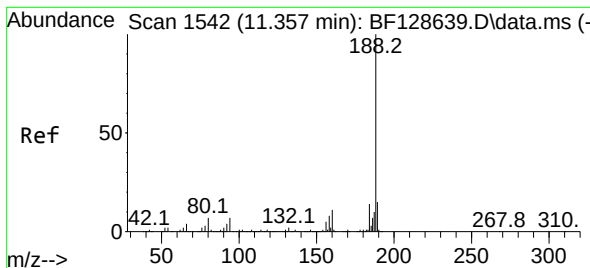
Reviewed By : Christian Giraldo 06/22/2022
Supervised By : Jagrut Upadhyay 06/22/2022



#45
2-Fluorobiphenyl
Concen: 4.392 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF128921.D
Acq: 22 Jun 2022 02:44

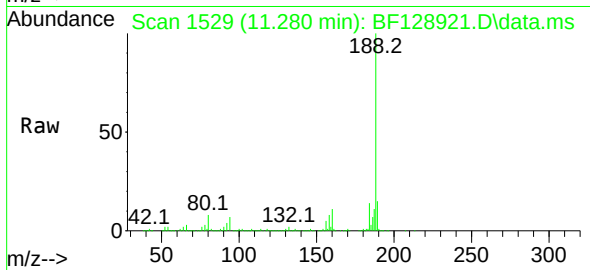
Tgt Ion: 172 Resp: 51197
Ion Ratio Lower Upper
172 100
171 34.3 28.8 43.2
170 23.8 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11280
Delta R.T. 0.000 min
Lab File: BF128921.D
Acq: 22 Jun 2022 02:44

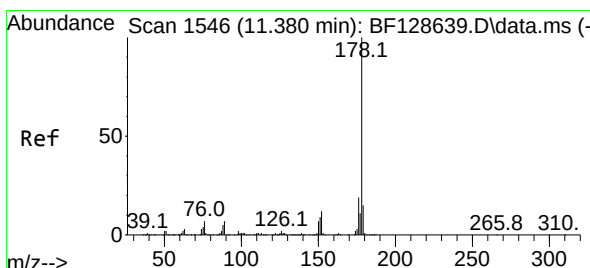
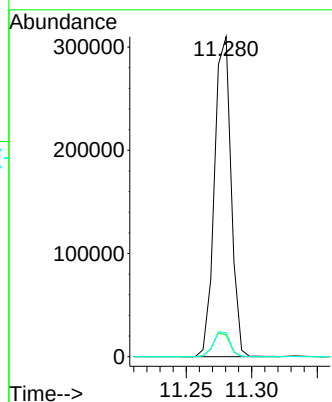
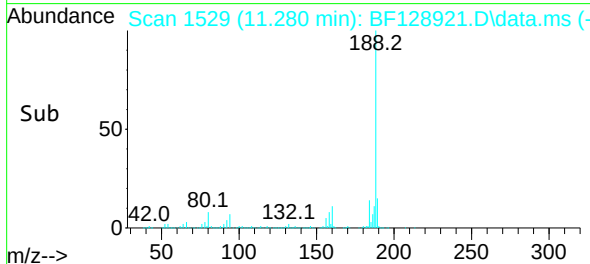
Instrument :
BNA_F
ClientSampleId :
SU-04-062022



Tgt Ion:188 Resp: 27348
Ion Ratio Lower Upper
188 100
94 6.7 7.0 10.6
80 7.5 7.6 11.4

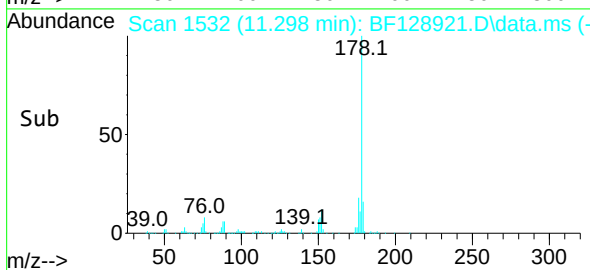
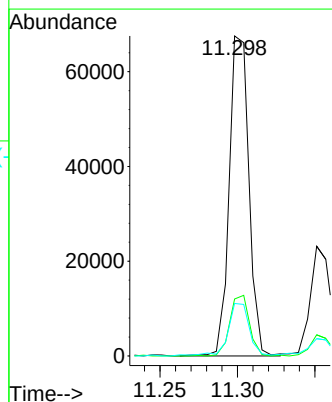
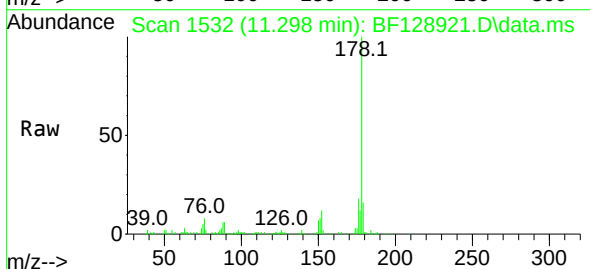
Manual Integrations
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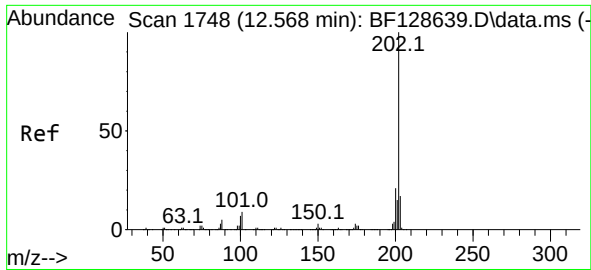
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#71
Phenanthrene
Concen: 4.358 ng
RT: 11.298 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BF128921.D
Acq: 22 Jun 2022 02:44

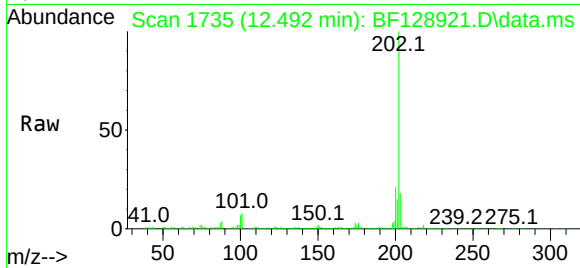
Tgt Ion:178 Resp: 59785
Ion Ratio Lower Upper
178 100
176 17.8 16.0 24.0
179 16.4 12.6 19.0





#75
Fluoranthene
Concen: 9.639 ng
RT: 12.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128921.D
Acq: 22 Jun 2022 02:44

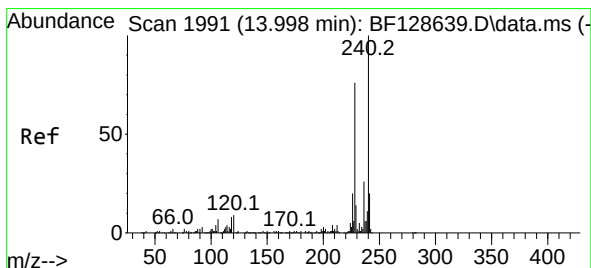
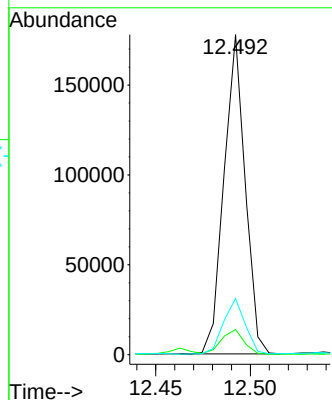
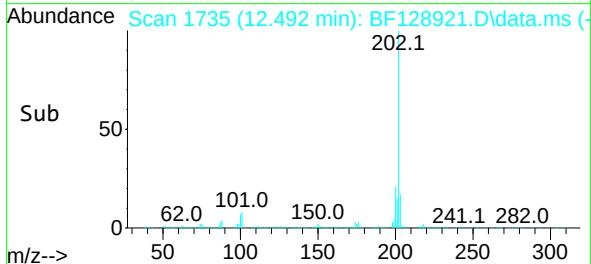
Instrument :
BNA_F
ClientSampleId :
SU-04-062022



Tgt Ion:202 Resp: 138214
Ion Ratio Lower Upper
202 100
101 7.9 0.0 31.4
203 17.6 0.0 38.0

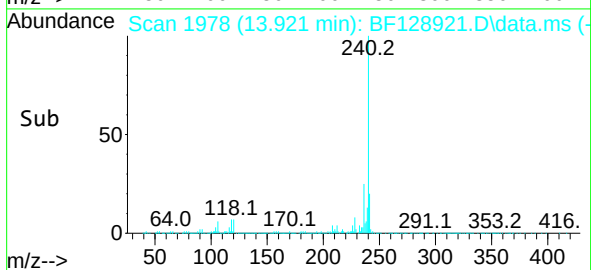
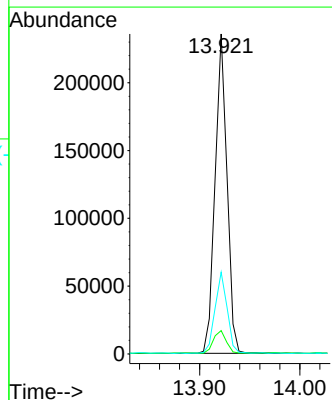
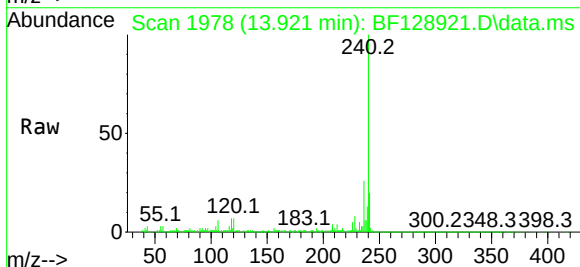
Manual Integrations
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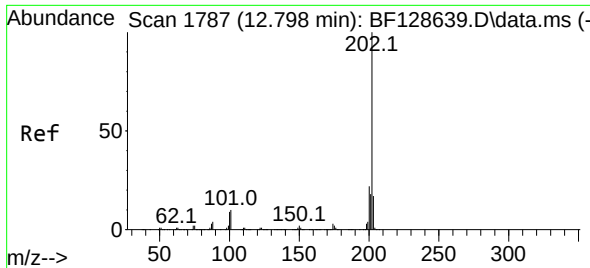
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF128921.D
Acq: 22 Jun 2022 02:44

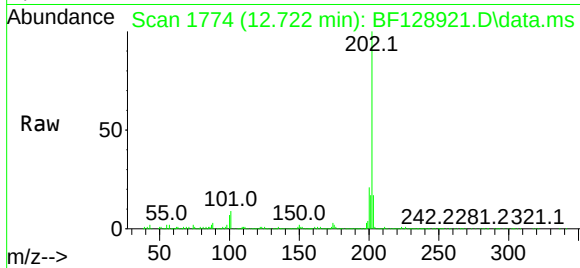
Tgt Ion:240 Resp: 194365
Ion Ratio Lower Upper
240 100
120 7.3 8.9 13.3#
236 25.6 20.8 31.2





#78
 Pyrene
 Concen: 9.982 ng
 RT: 12.722 min Scan# 1774
 Delta R.T. -0.006 min
 Lab File: BF128921.D
 Acq: 22 Jun 2022 02:44

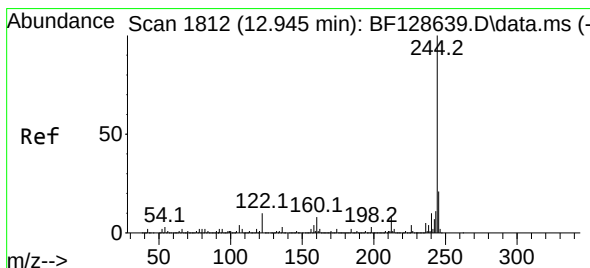
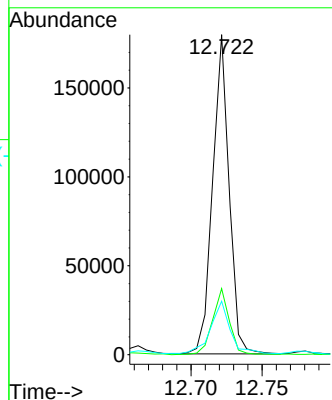
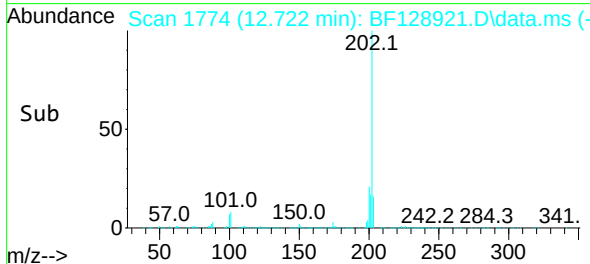
Instrument :
 BNA_F
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 SU-04-062022



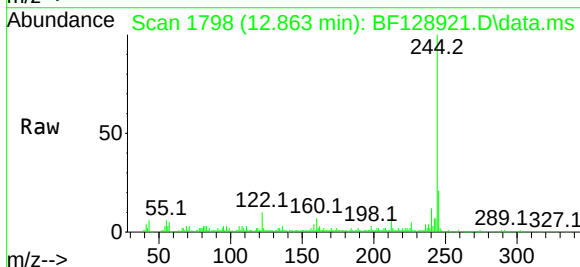
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 Ion Ratio Lower Upper
 202 100
 200 20.7 17.7 26.5
 203 16.7 14.6 21.8

Manual Integrations
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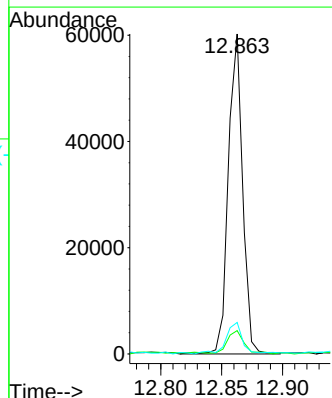
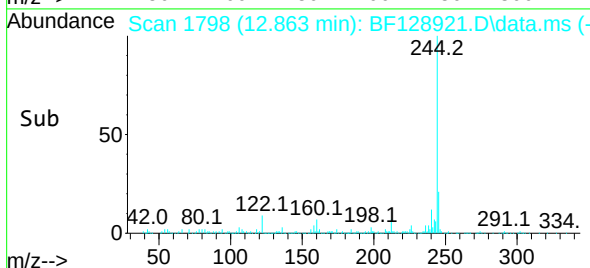
Reviewed By :Christian Giraldo 06/22/2022
 Supervised By :Jagrut Upadhyay 06/22/2022

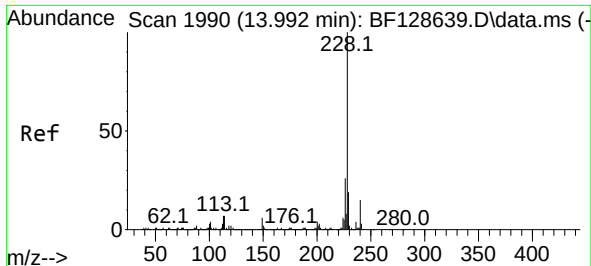


#79
 Terphenyl-d14
 Concen: 4.412 ng
 RT: 12.863 min Scan# 1798
 Delta R.T. -0.006 min
 Lab File: BF128921.D
 Acq: 22 Jun 2022 02:44



Tgt Ion:244 Resp: 49346
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 9.9 8.8 13.2





#81
Benzo(a)anthracene
Concen: 5.969 ng
RT: 13.910 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128921.D
Acq: 22 Jun 2022 02:44

Instrument :

BNA_F

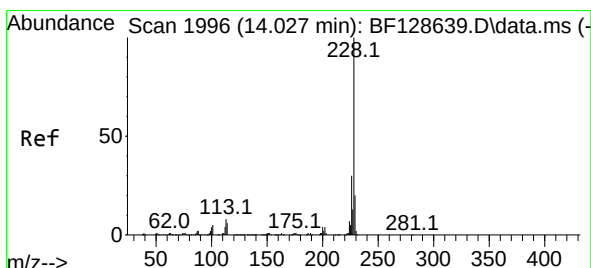
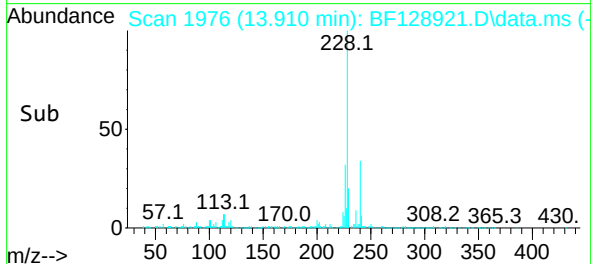
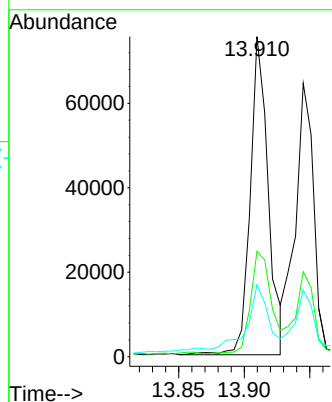
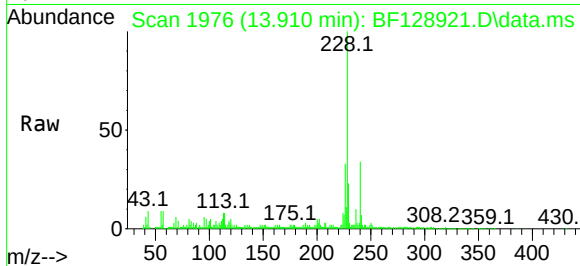
ClientSampleId :

SU-04-062022

Tgt Ion:228 Resp: 72320
Ion Ratio Lower Upper
228 100
226 32.9 22.1 33.1
229 22.5 15.8 23.8

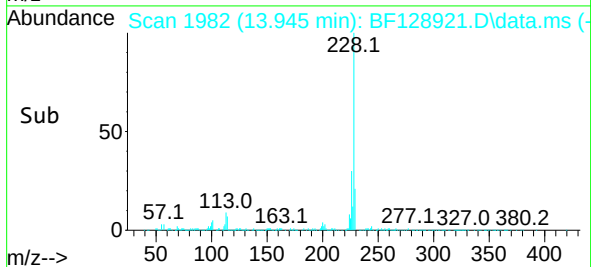
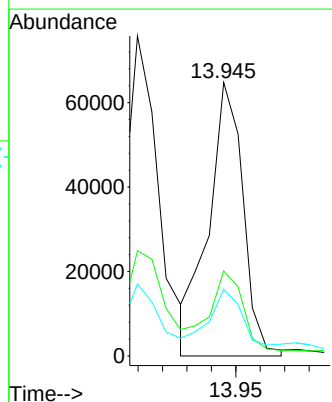
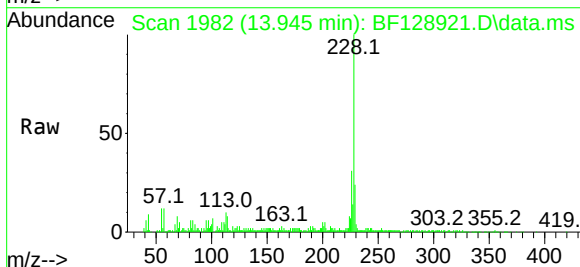
Manual Integrations
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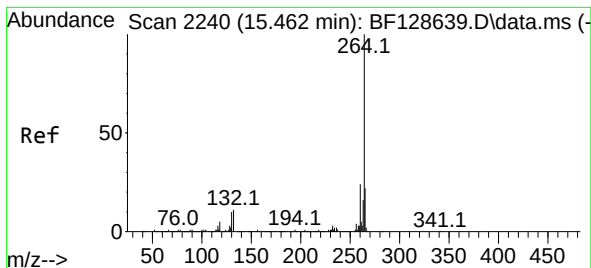
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#83
Chrysene
Concen: 5.507 ng m
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF128921.D
Acq: 22 Jun 2022 02:44

Tgt Ion:228 Resp: 63608
Ion Ratio Lower Upper
228 100
226 31.1 24.3 36.5
229 24.4 15.9 23.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.368 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF128921.D

Acq: 22 Jun 2022 02:44

Instrument :

BNA_F

ClientSampleId :

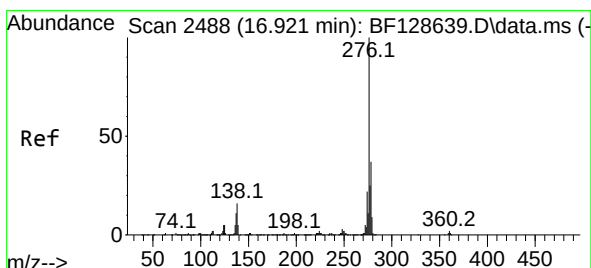
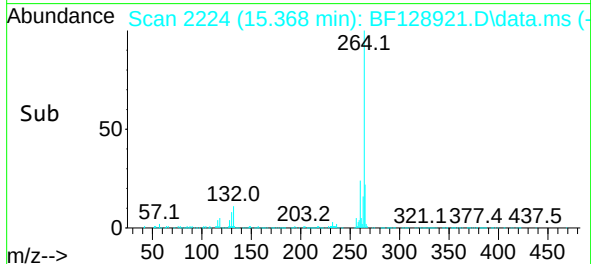
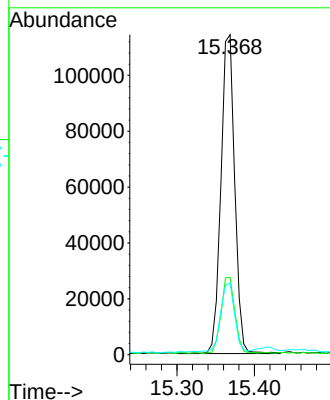
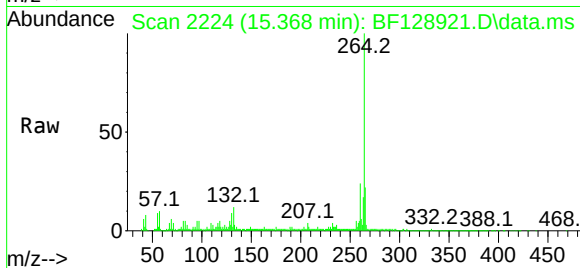
SU-04-062022

Tgt Ion:264 Resp: 141310
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 22.4 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/22/2022
 Supervised By :Jagrut Upadhyay 06/22/2022



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.948 ng

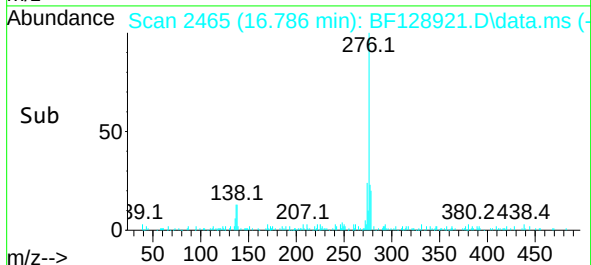
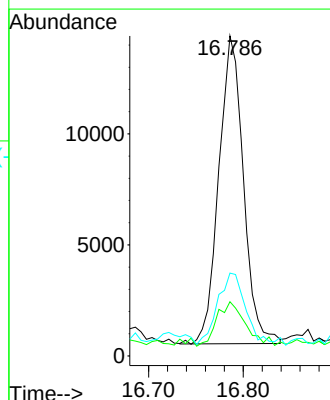
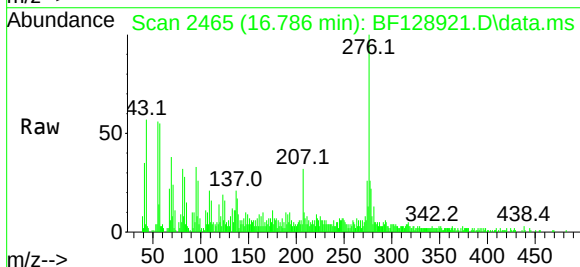
RT: 16.786 min Scan# 2465

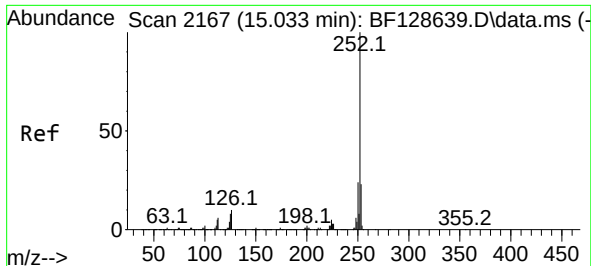
Delta R.T. -0.006 min

Lab File: BF128921.D

Acq: 22 Jun 2022 02:44

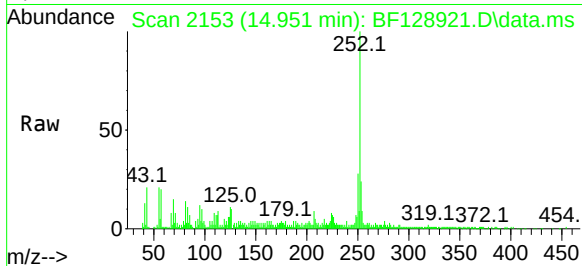
Tgt Ion:276 Resp: 25109
 Ion Ratio Lower Upper
 276 100
 138 17.1 21.1 31.7#
 277 26.0 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 7.382 ng m
RT: 14.951 min Scan# 2167
Delta R.T. 0.000 min
Lab File: BF128921.D
Acq: 22 Jun 2022 02:44

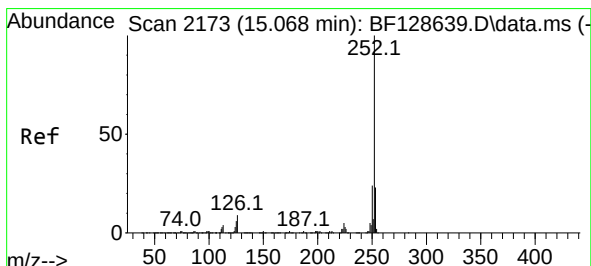
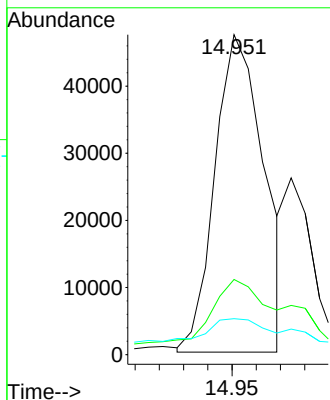
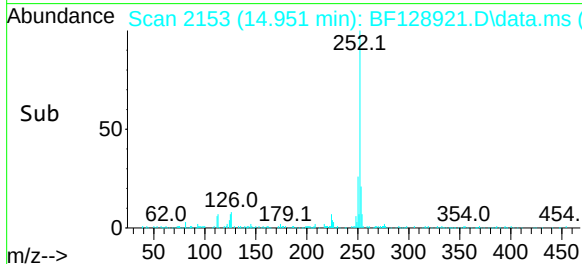
Instrument :
BNA_F
ClientSampleId :
SU-04-062022



Tgt Ion:252 Resp: 66652
Ion Ratio Lower Upper
252 100
253 23.5 17.7 26.5
125 11.2 8.0 12.0

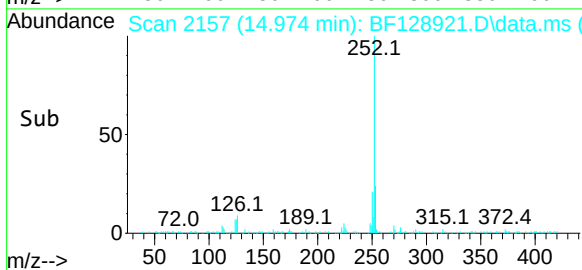
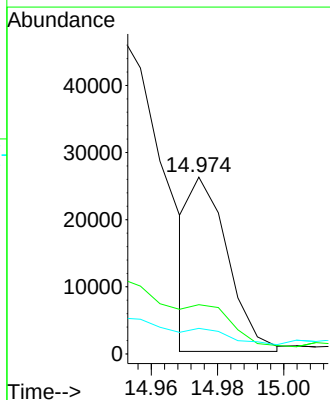
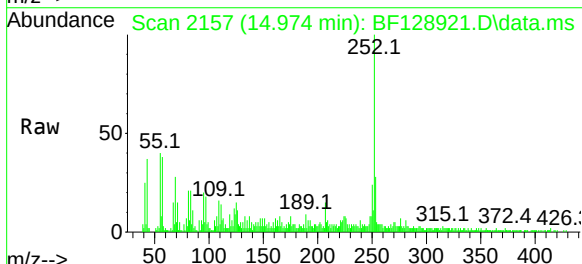
Manual Integrations
APPROVED

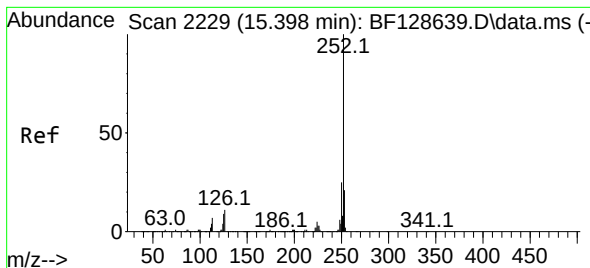
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#89
Benzo(k)fluoranthene
Concen: 2.389 ng m
RT: 14.974 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BF128921.D
Acq: 22 Jun 2022 02:44

Tgt Ion:252 Resp: 20293
Ion Ratio Lower Upper
252 100
253 27.9 17.8 26.6#
125 14.5 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 6.318 ng

RT: 15.304 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF128921.D

Acq: 22 Jun 2022 02:44

Instrument :

BNA_F

ClientSampleId :

SU-04-062022

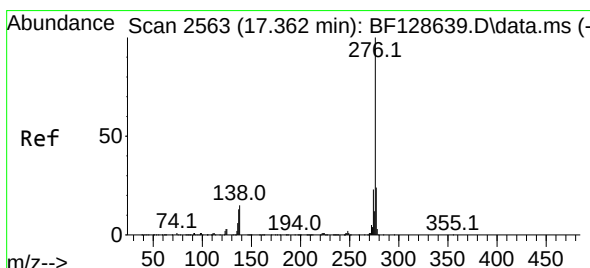
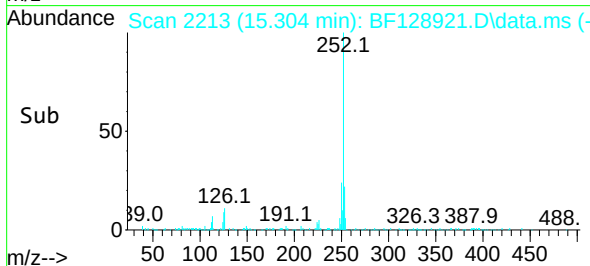
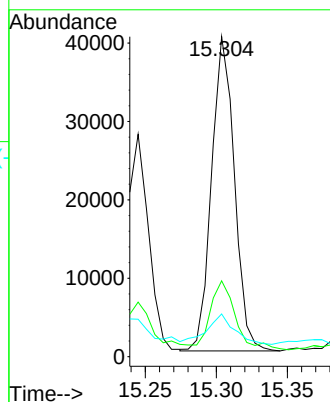
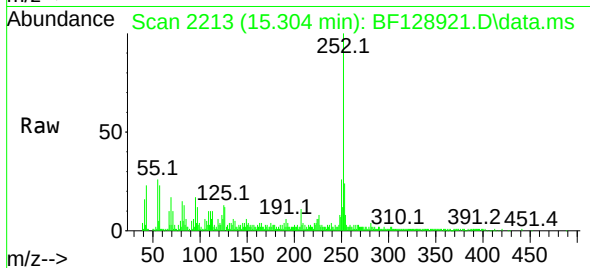
Tgt Ion:	252	Resp:	4484
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.0	25.6
125	13.4	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/22/2022

Supervised By :Jagrut Upadhyay 06/22/2022



#92

Benzo(g,h,i)perylene

Concen: 3.325 ng

RT: 17.221 min Scan# 2539

Delta R.T. 0.006 min

Lab File: BF128921.D

Acq: 22 Jun 2022 02:44

Tgt Ion:	276	Resp:	23280
Ion Ratio	Lower	Upper	
276	100		
277	27.5	19.1	28.7
138	20.4	18.0	27.0

