

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
 Data File : BF128825.D
 Acq On : 15 Jun 2022 14:34
 Operator : CG\JU
 Sample : N3340-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/16/2022
 Supervised By :mohammad ahmed 06/22/2022

Quant Time: Jun 15 15:35:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	80088	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	287927	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	134297	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	228036	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	151324	20.000	ng	# 0.00
86) Perylene-d12	15.409	264	120097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	561705	111.715	ng	0.00
7) Phenol-d6	6.439	99	721054	117.482	ng	0.00
23) Nitrobenzene-d5	7.351	82	485521	78.510	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	163256	102.885	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	809427	84.428	ng	0.00
79) Terphenyl-d14	12.904	244	769862	88.402	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	42477	3.714	ng	98
75) Fluoranthene	12.521	202	40611	3.397	ng	96
78) Pyrene	12.757	202	58119	5.162	ng	99
83) Chrysene	13.980	228	24547m	2.730	ng	
88) Benzo(b)fluoranthene	14.992	252	19021m	2.479	ng	
90) Benzo(a)pyrene	15.351	252	14137	2.344	ng	# 81

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

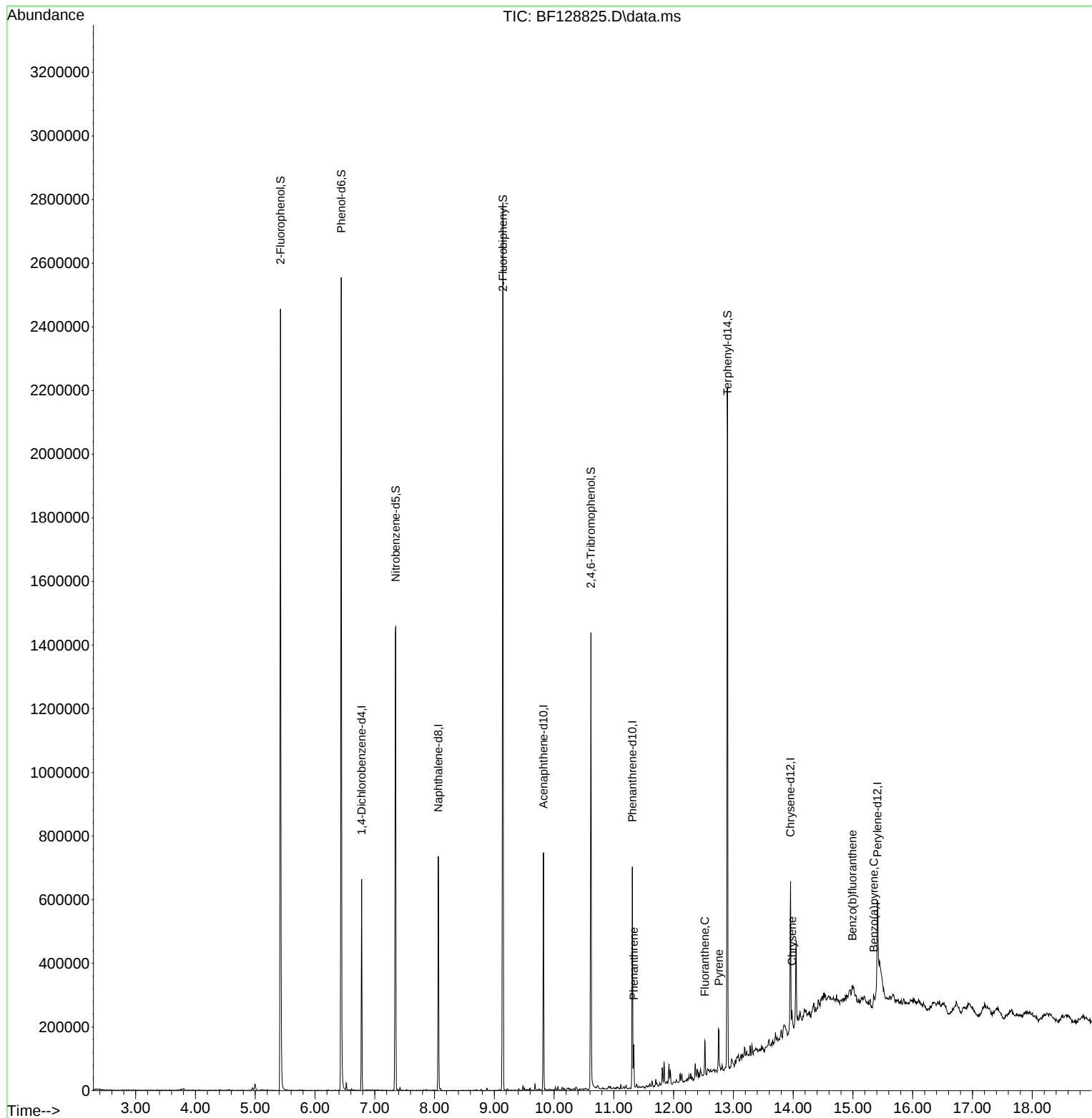
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128825.D
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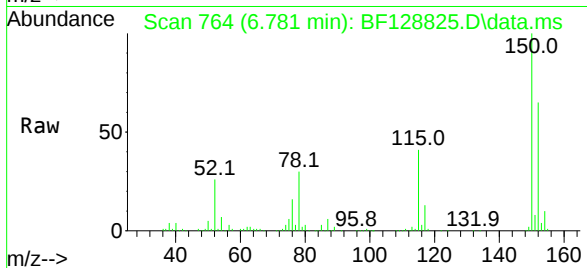
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

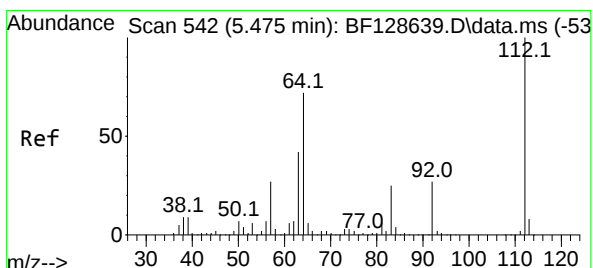
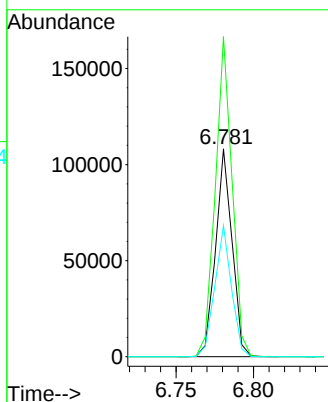
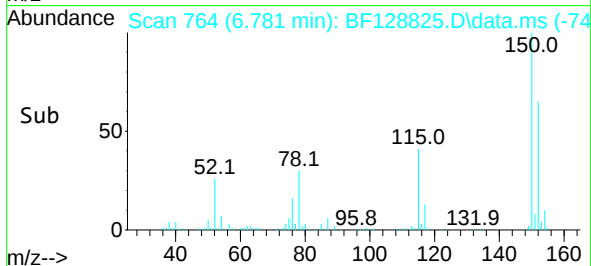
Instrument :
BNA_F
ClientSampleId :
CS-3



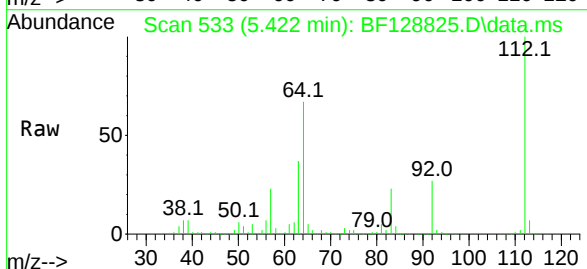
Tgt Ion:152 Resp: 8008
Ion Ratio Lower Upper
152 100
150 153.9 123.7 185.5
115 63.1 49.9 74.9

Manual Integrations
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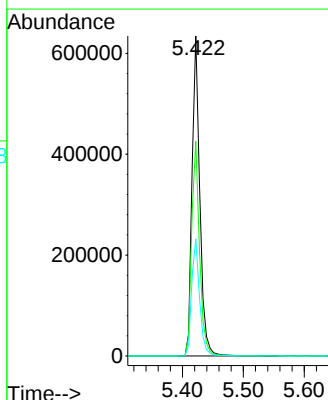
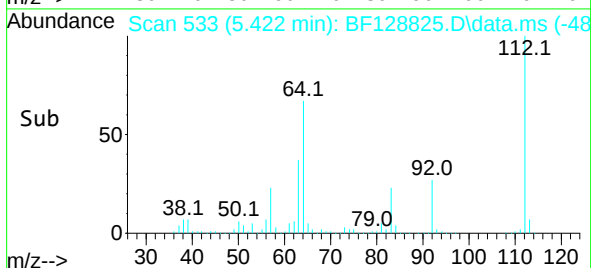
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022

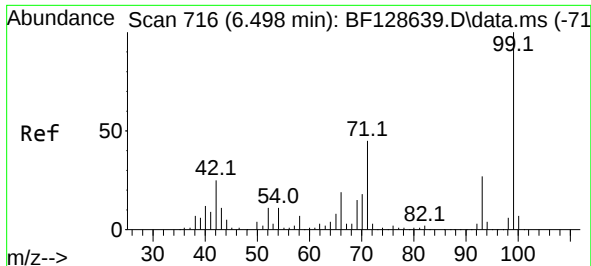


#5
2-Fluorophenol
Concen: 111.715 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.006 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34



Tgt Ion:112 Resp: 561705
Ion Ratio Lower Upper
112 100
64 67.1 53.3 79.9
63 36.6 28.0 42.0





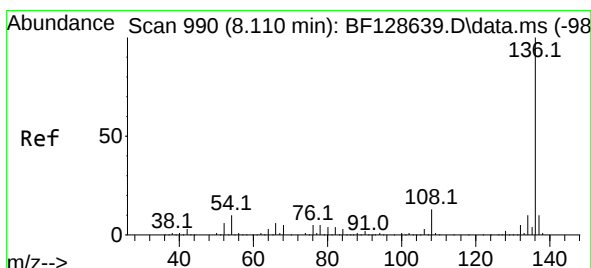
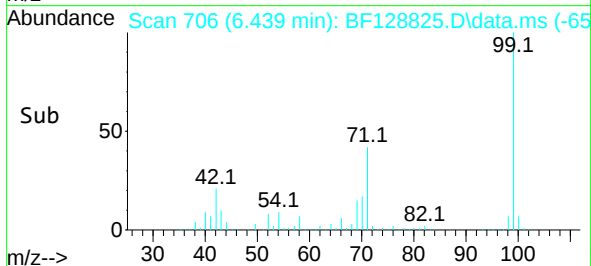
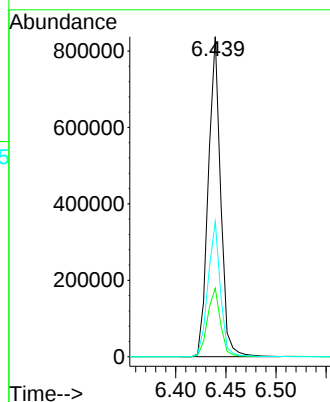
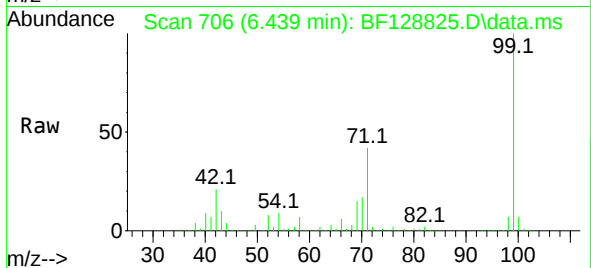
#7
Phenol-d6
Concen: 117.482 ng
RT: 6.439 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

Instrument :
BNA_F
ClientSampleId :
CS-3

Tgt Ion: 99 Resp: 721054
Ion Ratio Lower Upper
99 100
42 21.4 17.3 25.9
71 42.2 28.9 43.3

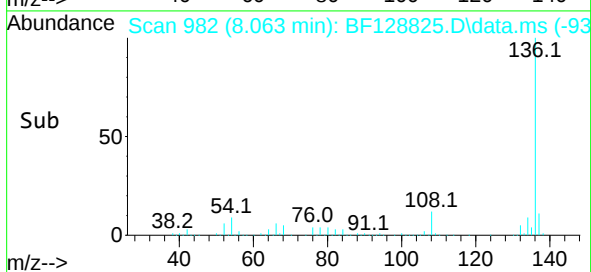
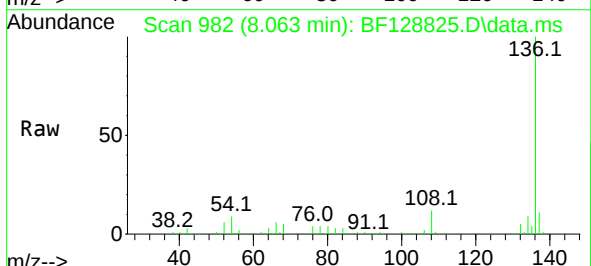
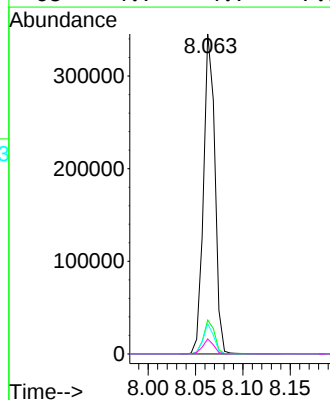
Manual Integrations
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Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

Tgt Ion:136 Resp: 287927
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.5 7.5 11.3
68 4.7 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 78.510 ng

RT: 7.351 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF128825.D

Acq: 15 Jun 2022 14:34

Instrument :

BNA_F

ClientSampleId :

CS-3

Tgt Ion: 82 Resp: 48552

Ion Ratio Lower Upper

82 100

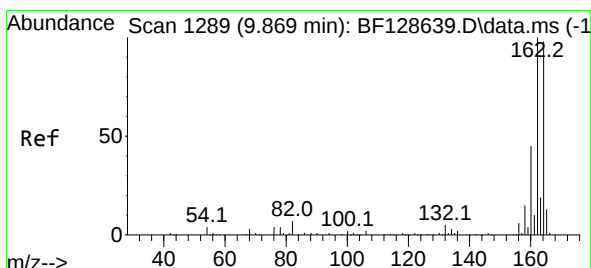
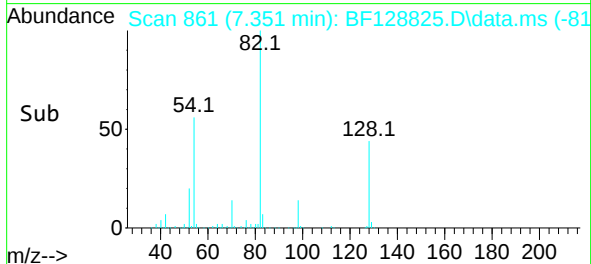
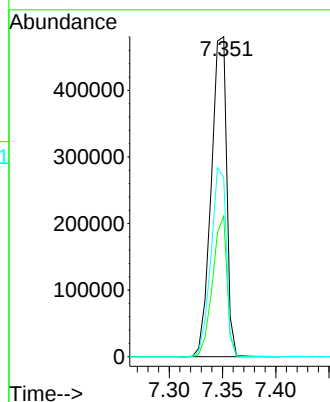
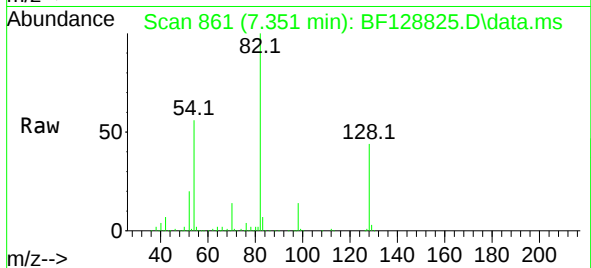
128 44.0 34.0 51.0

54 56.0 46.9 70.3

Manual Integrations

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Supervised By :mohammad ahmed 06/22/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF128825.D

Acq: 15 Jun 2022 14:34

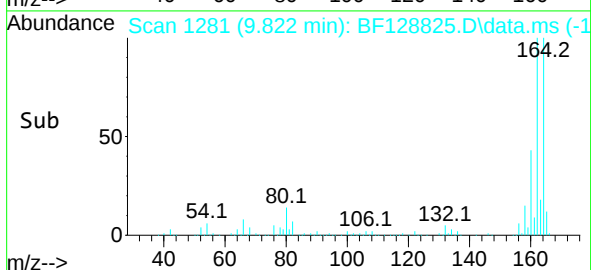
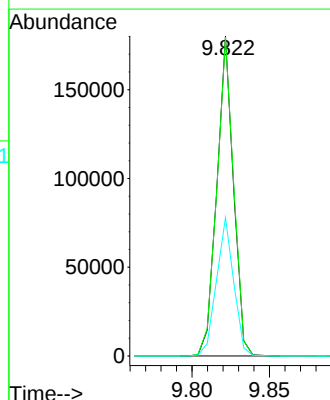
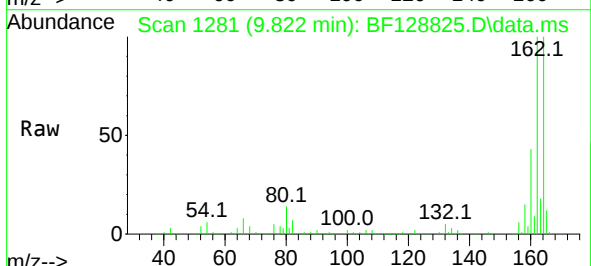
Tgt Ion:164 Resp: 134297

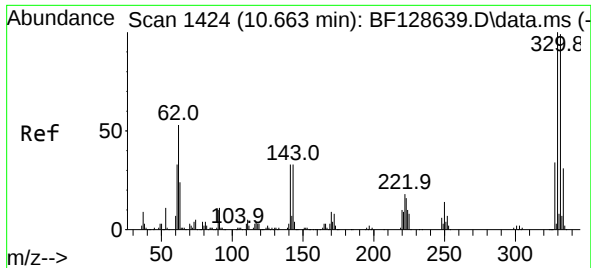
Ion Ratio Lower Upper

164 100

162 99.5 79.5 119.3

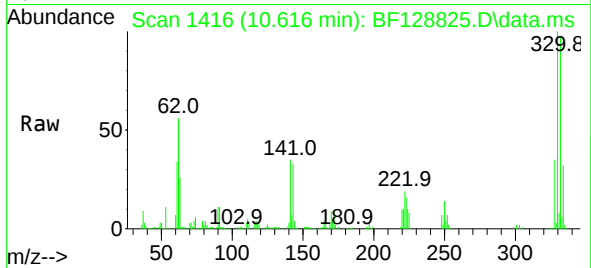
160 43.3 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 102.885 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

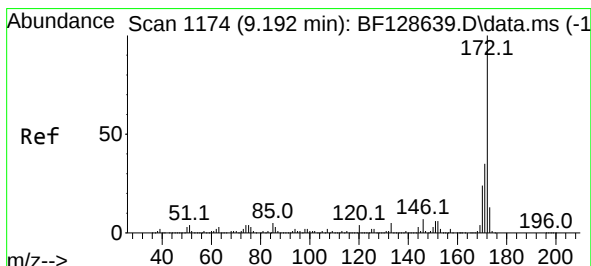
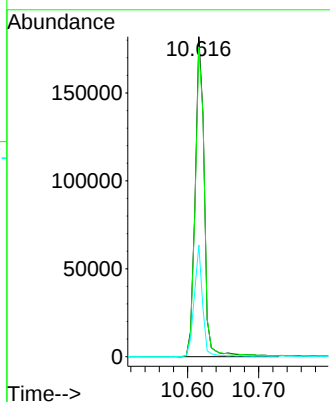
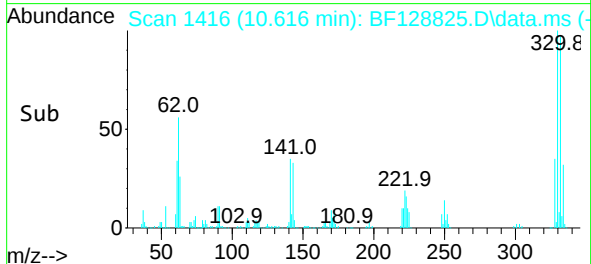
Instrument :
BNA_F
ClientSampleId :
CS-3



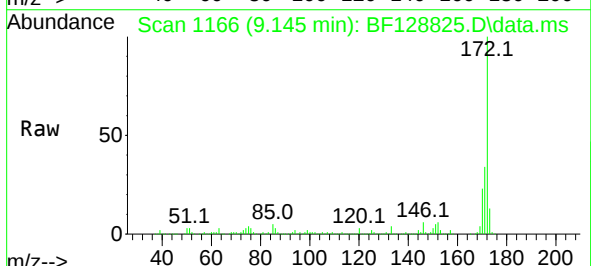
Tgt Ion: 330 Resp: 163250
Ion Ratio Lower Upper
330 100
332 98.1 76.8 115.2
141 32.6 28.0 42.0

Manual Integrations
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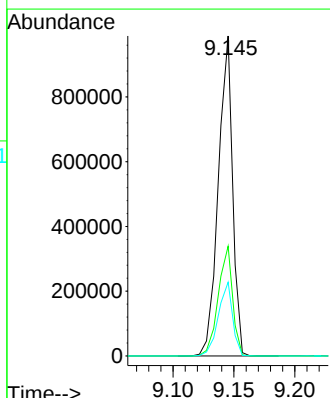
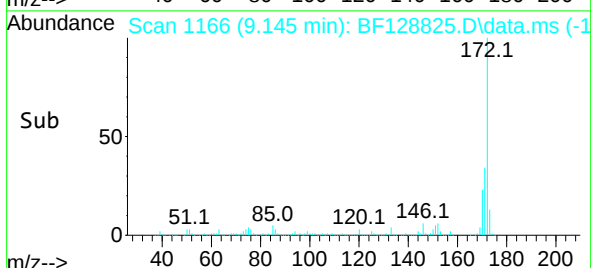
Reviewed By : Jagrut Upadhyay 06/16/2022
Supervised By : mohammad ahmed 06/22/2022

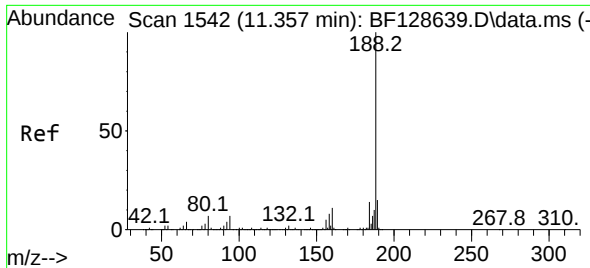


#45
2-Fluorobiphenyl
Concen: 84.428 ng
RT: 9.145 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34



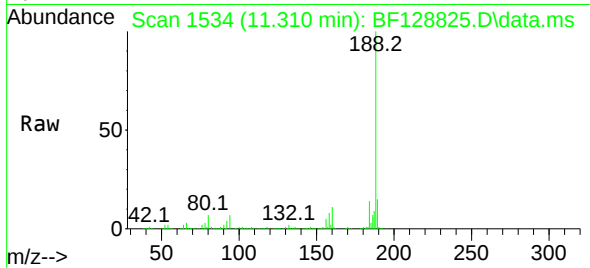
Tgt Ion: 172 Resp: 809427
Ion Ratio Lower Upper
172 100
171 34.3 28.8 43.2
170 23.0 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

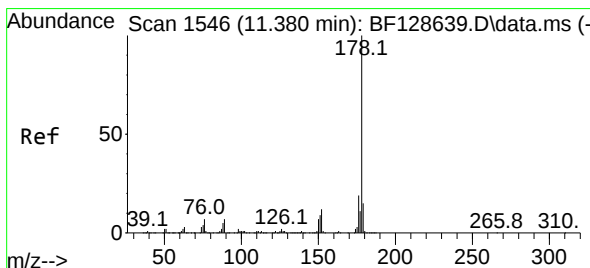
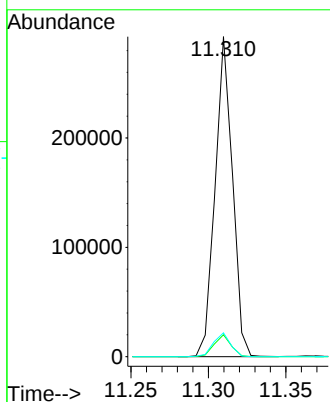
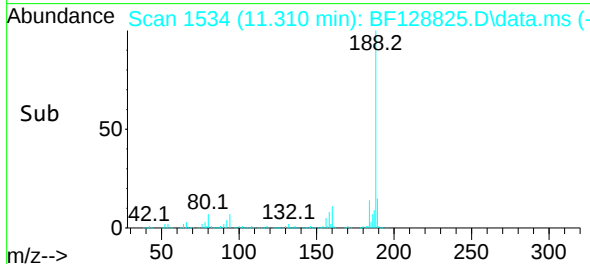
Instrument :
BNA_F
ClientSampleId :
CS-3



Tgt Ion:188 Resp: 228030
Ion Ratio Lower Upper
188 100
94 6.9 7.0 10.6
80 7.4 7.6 11.4

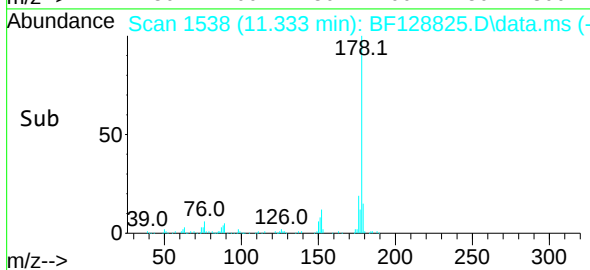
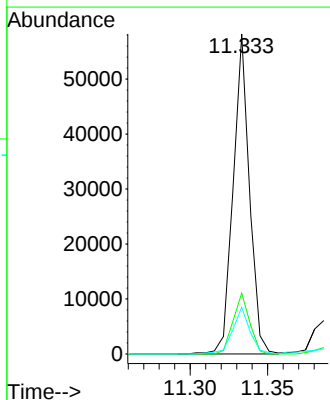
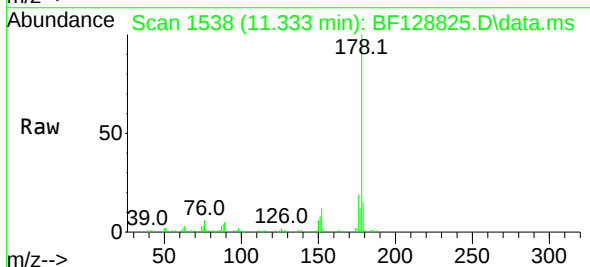
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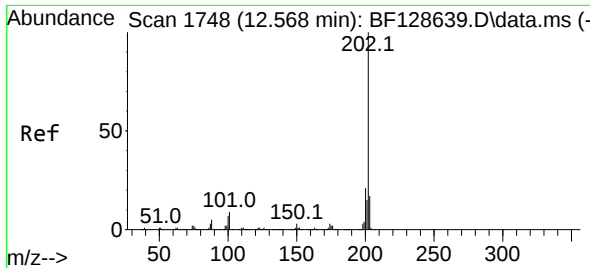
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022



#71
Phenanthrene
Concen: 3.714 ng
RT: 11.333 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

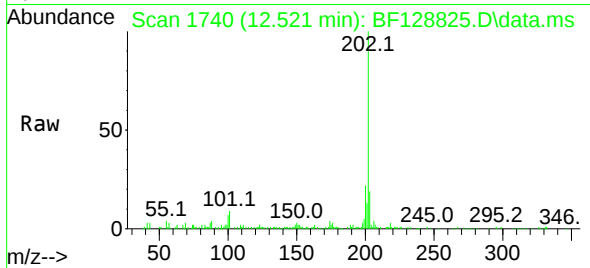
Tgt Ion:178 Resp: 42477
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 14.6 12.6 19.0





#75
Fluoranthene
Concen: 3.397 ng
RT: 12.521 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

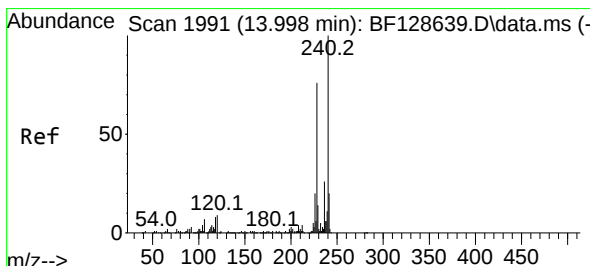
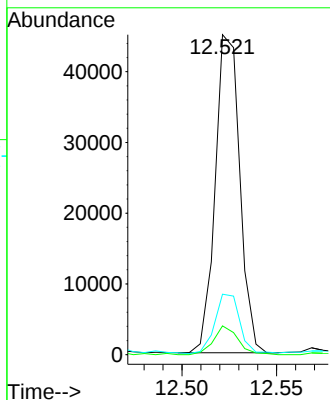
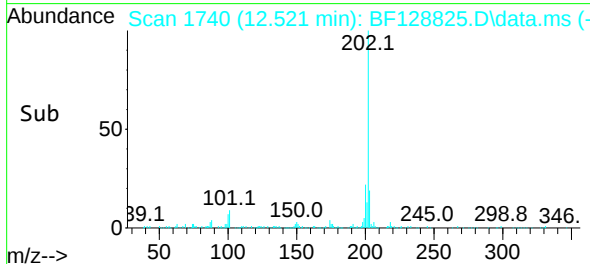
Instrument :
BNA_F
ClientSampleId :
CS-3



Tgt Ion:202 Resp: 4061
Ion Ratio Lower Upper
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101 9.0 0.0 31.4
203 18.9 0.0 38.0

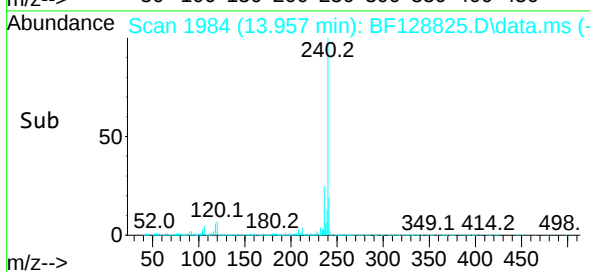
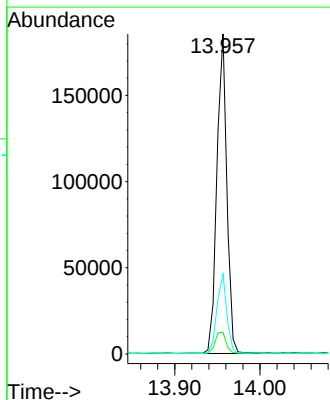
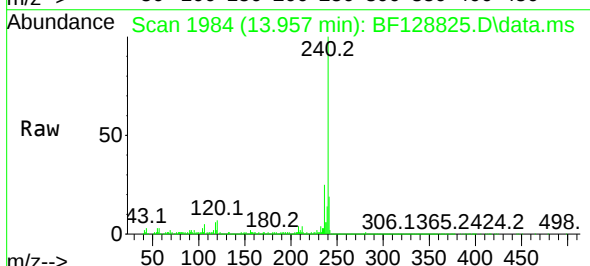
Manual Integrations
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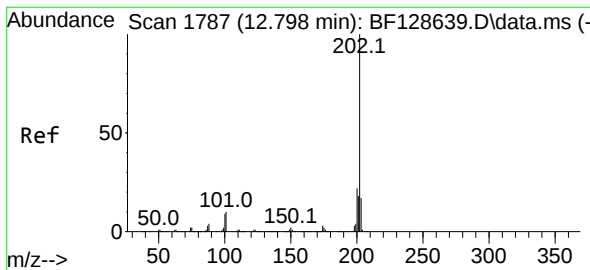
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

Tgt Ion:240 Resp: 151324
Ion Ratio Lower Upper
240 100
120 6.8 8.9 13.3#
236 25.0 20.8 31.2





#78

Pyrene

Concen: 5.162 ng

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF128825.D

Acq: 15 Jun 2022 14:34

Instrument :

BNA_F

ClientSampleId :

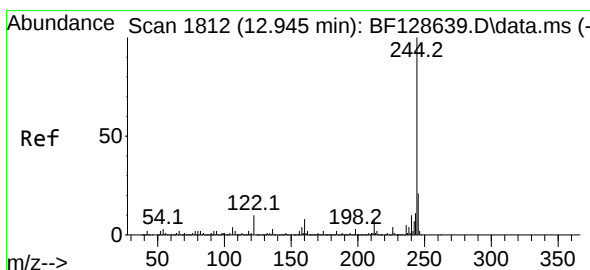
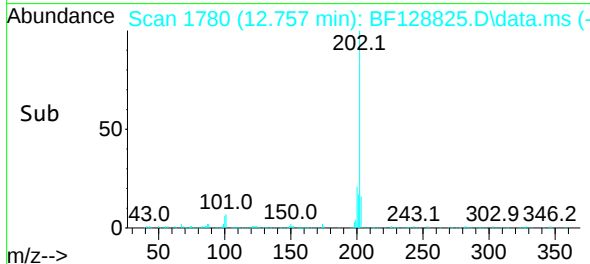
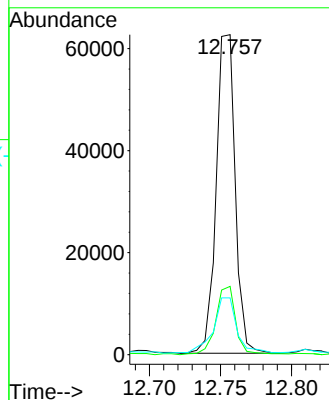
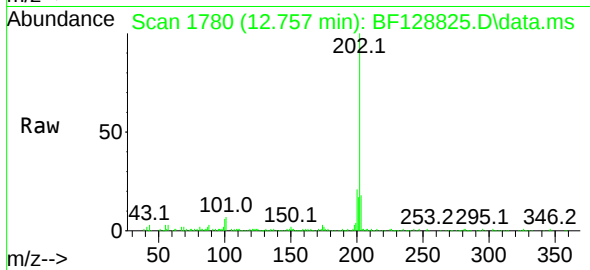
CS-3

Tgt Ion:202 Resp: 58119
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.7 26.5
 203 17.8 14.6 21.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/16/2022
 Supervised By :mohammad ahmed 06/22/2022



#79

Terphenyl-d14

Concen: 88.402 ng

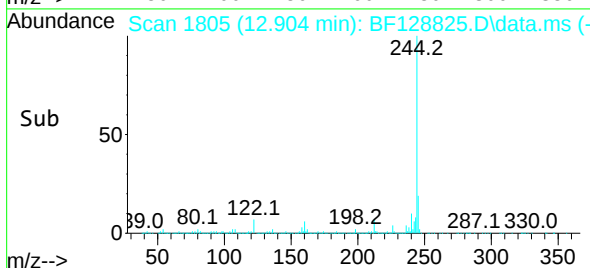
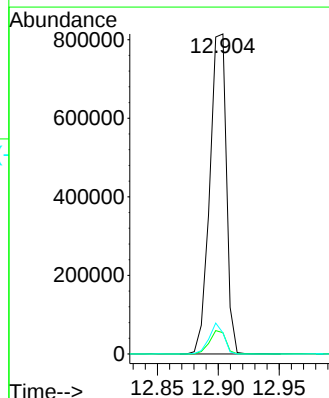
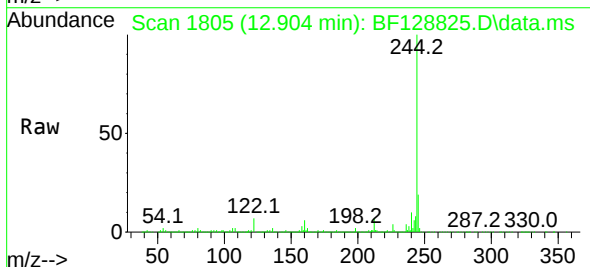
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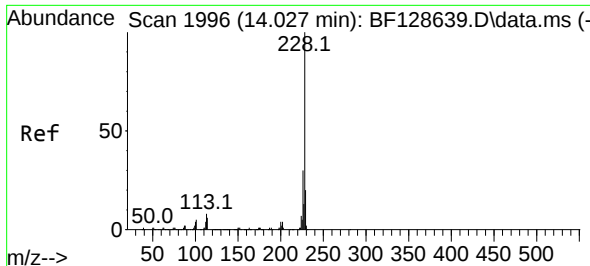
Delta R.T. -0.000 min

Lab File: BF128825.D

Acq: 15 Jun 2022 14:34

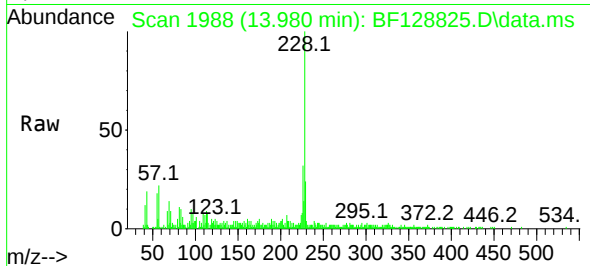
Tgt Ion:244 Resp: 769862
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.1 9.1
 122 6.6 8.8 13.2#





#83
Chrysene
Concen: 2.730 ng m
RT: 13.980 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

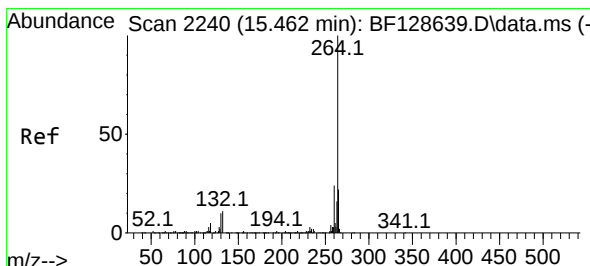
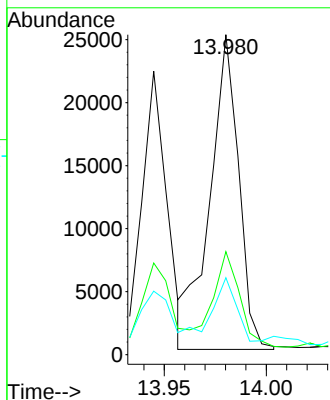
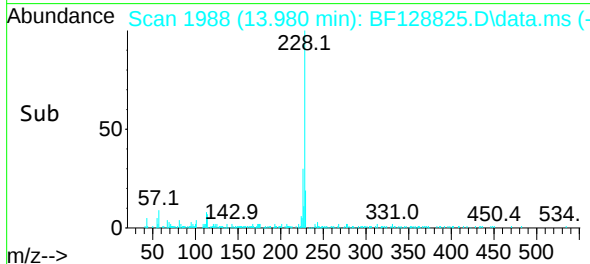
Instrument :
BNA_F
ClientSampleId :
CS-3



Tgt Ion:228 Resp: 2454
Ion Ratio Lower Upper
228 100
226 32.2 24.3 36.5
229 24.0 15.9 23.9

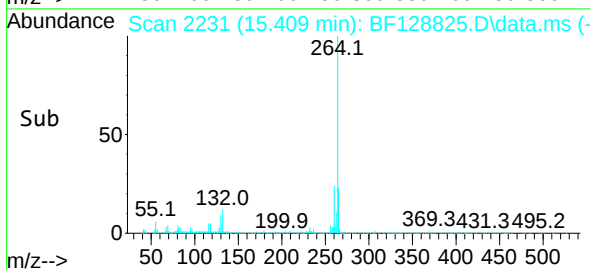
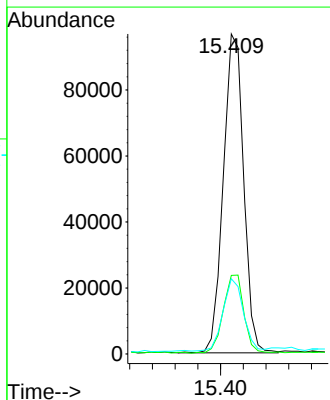
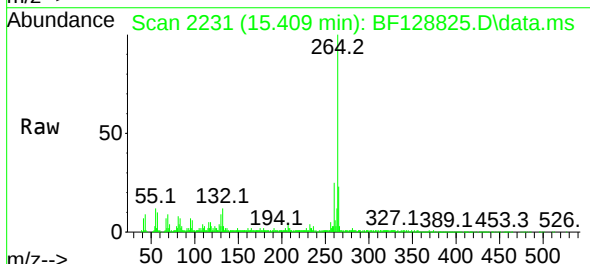
Manual Integrations
APPROVED

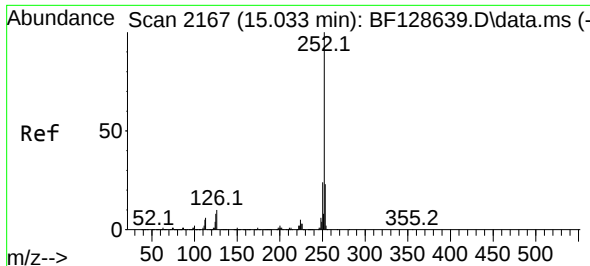
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 2231
Delta R.T. -0.006 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

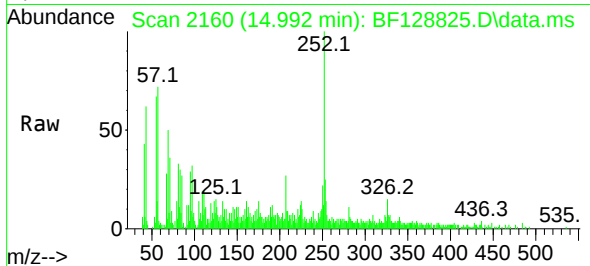
Tgt Ion:264 Resp: 120097
Ion Ratio Lower Upper
264 100
260 24.5 18.4 27.6
265 23.5 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 2.479 ng m
RT: 14.992 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

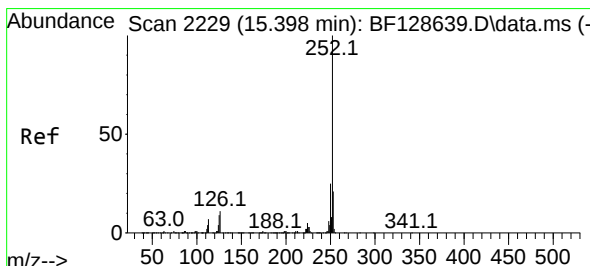
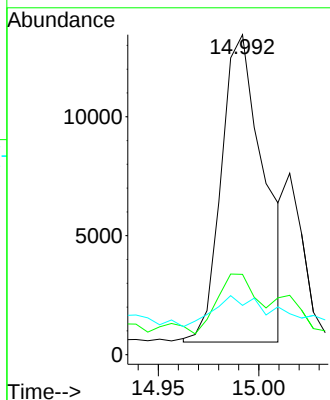
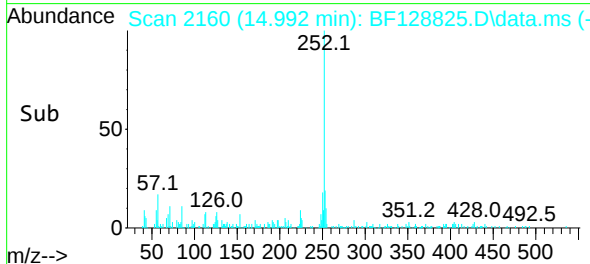
Instrument :
BNA_F
ClientSampleId :
CS-3



Tgt Ion:252 Resp: 1902
Ion Ratio Lower Upper
252 100
253 25.1 17.7 26.5
125 15.4 8.0 12.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022



#90
Benzo(a)pyrene
Concen: 2.344 ng
RT: 15.351 min Scan# 2221
Delta R.T. -0.006 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

Tgt Ion:252 Resp: 14137
Ion Ratio Lower Upper
252 100
253 29.2 17.0 25.6#
125 20.4 8.8 13.2#

