

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
 Data File : BF126138.D
 Acq On : 11 Nov 2021 21:59
 Operator : JU/CG
 Sample : M4639-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-5/5.5-6.5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/12/2021
 Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 12 09:43:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	135700	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	510136	20.000	ng	#-0.02
39) Acenaphthene-d10	9.880	164	296230	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	518532	20.000	ng	#-0.01
76) Chrysene-d12	14.004	240	384545	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	408320	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	587992	74.410	ng	-0.01
7) Phenol-d6	6.469	99	802887	72.077	ng	-0.02
23) Nitrobenzene-d5	7.398	82	580073	53.626	ng	-0.02
42) 2,4,6-Tribromophenol	10.663	330	235803	69.460	ng	-0.02
45) 2-Fluorobiphenyl	9.198	172	1077412	49.150	ng	-0.02
79) Terphenyl-d14	12.951	244	992928	41.637	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.386	178	106845	3.800	ng	99
75) Fluoranthene	12.574	202	224844	7.180	ng	94
78) Pyrene	12.804	202	178990	5.804	ng	98
81) Benzo(a)anthracene	13.992	228	100853	3.818	ng	98
83) Chrysene	14.027	228	96764	3.937	ng	98
88) Benzo(b)fluoranthene	15.039	252	127192m	4.789	ng	
90) Benzo(a)pyrene	15.398	252	89330m	4.269	ng	

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

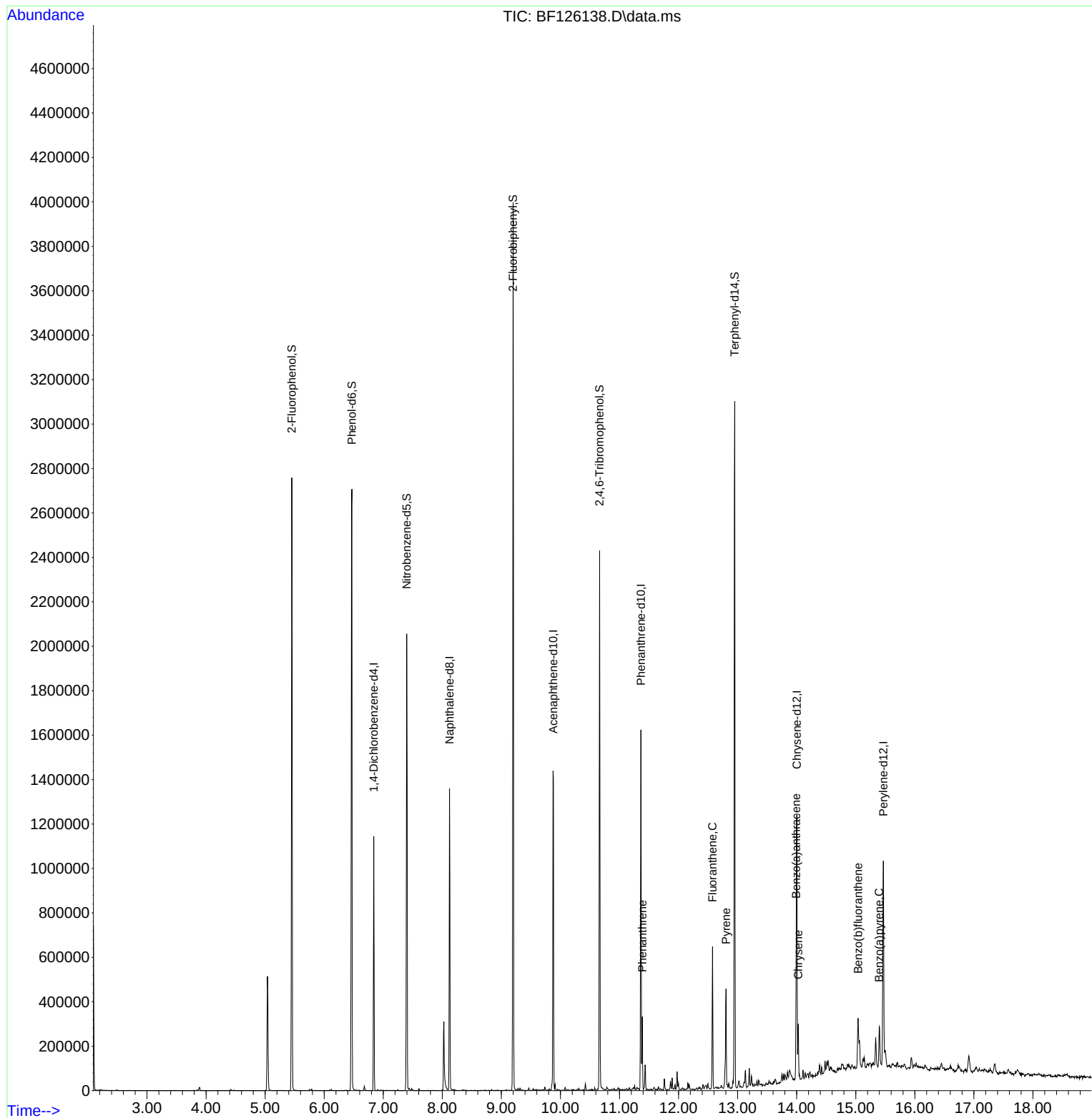
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
Data File : BF126138.D
Acq On : 11 Nov 2021 21:59
Operator : JU/CG
Sample : M4639-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

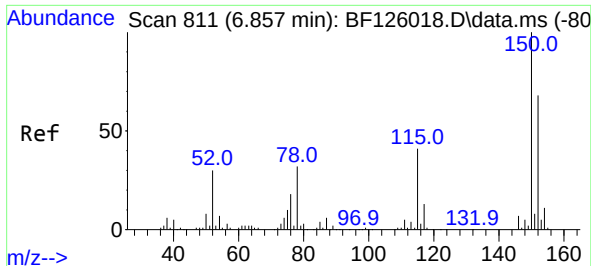
Instrument :
BNA_F
ClientSampleId :
TT-5/5.5-6.5

Quant Time: Nov 12 09:43:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
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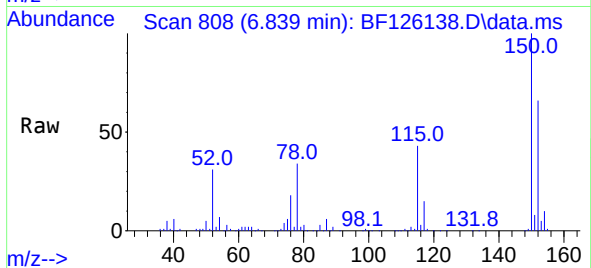
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.018 min
Lab File: BF126138.D
Acq: 11 Nov 2021 21:59

Instrument :

BNA_F

ClientSampleId :

TT-5/5.5-6.5

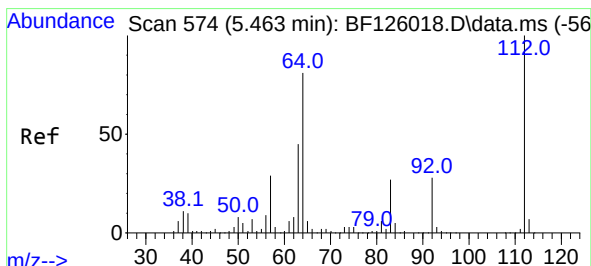
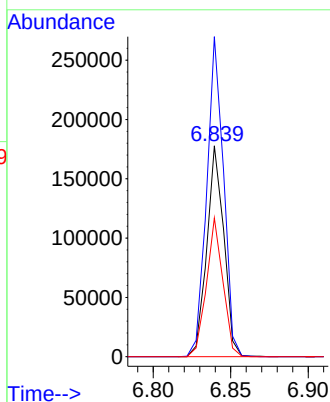
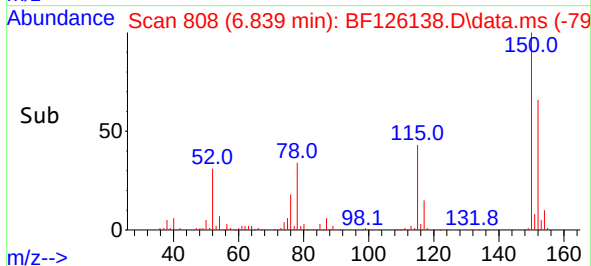


Tgt Ion:152 Resp: 135700
Ion Ratio Lower Upper
152 100
150 151.8 117.6 176.4
115 65.8 47.1 70.7

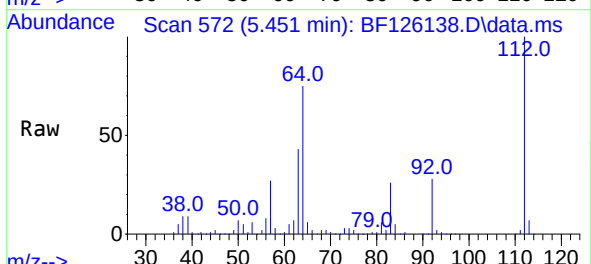
Manual Integrations

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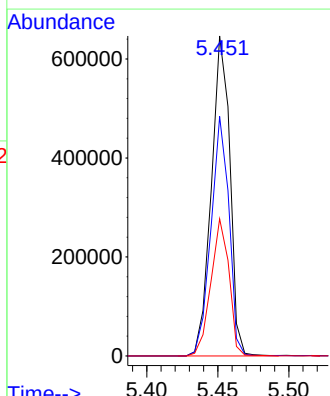
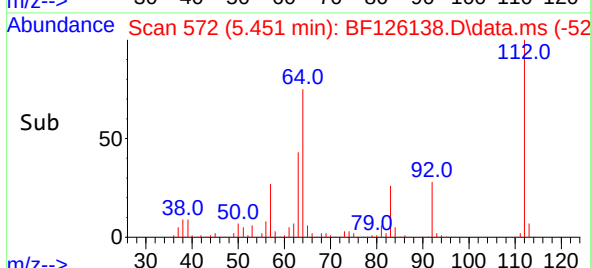
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

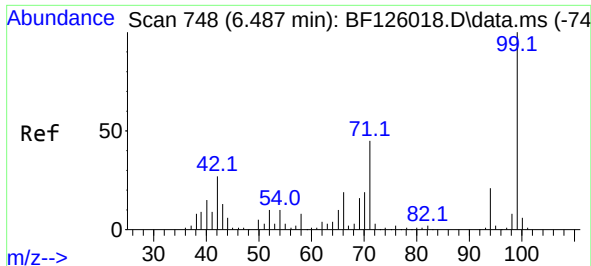


#5
2-Fluorophenol
Concen: 74.410 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.012 min
Lab File: BF126138.D
Acq: 11 Nov 2021 21:59



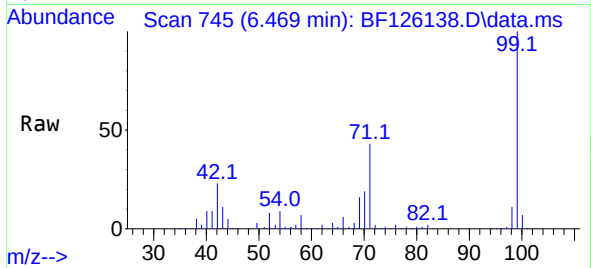
Tgt Ion:112 Resp: 587992
Ion Ratio Lower Upper
112 100
64 74.8 44.2 66.2#
63 42.8 26.2 39.2#





#7
Phenol-d6
Concen: 72.077 ng
RT: 6.469 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF126138.D
Acq: 11 Nov 2021 21:59

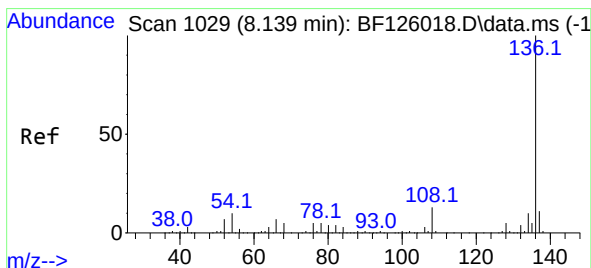
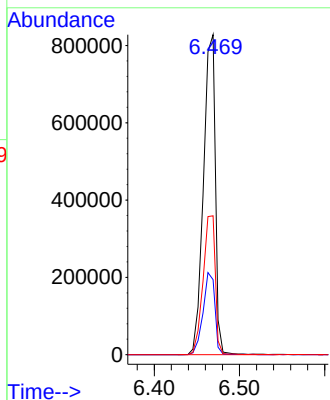
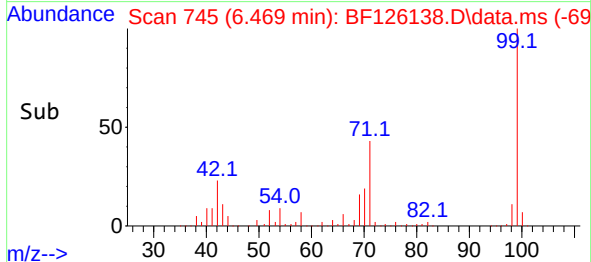
Instrument :
BNA_F
ClientSampleId :
TT-5/5.5-6.5



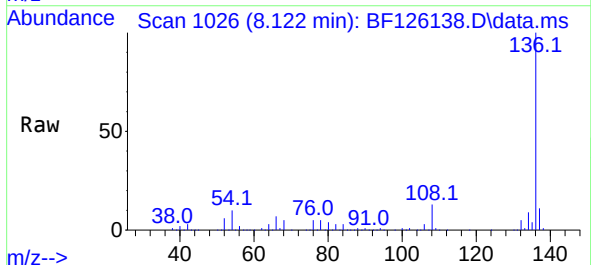
Tgt Ion: 99 Resp: 80288
Ion Ratio Lower Upper
99 100
42 23.5 23.5 35.3#
71 43.4 25.6 38.4#

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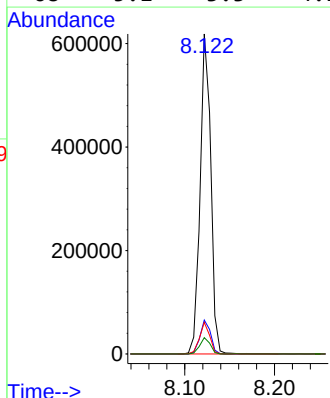
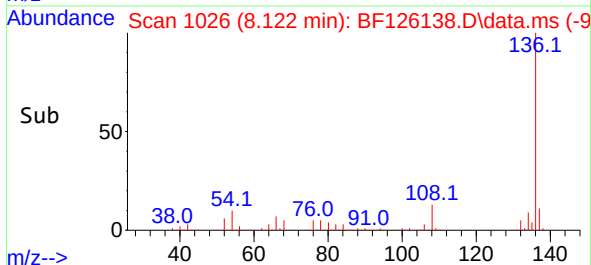
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

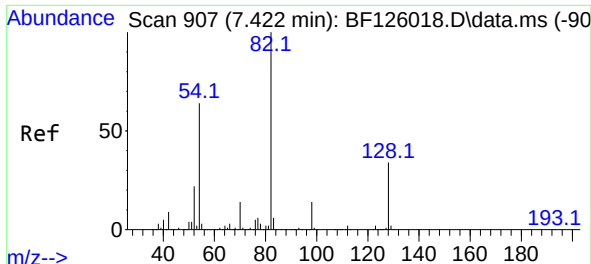


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.017 min
Lab File: BF126138.D
Acq: 11 Nov 2021 21:59



Tgt Ion:136 Resp: 510136
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 9.9 6.4 9.6#
68 5.1 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 53.626 ng

RT: 7.398 min Scan# 907

Delta R.T. -0.024 min

Lab File: BF126138.D

Acq: 11 Nov 2021 21:59

Instrument :

BNA_F

ClientSampleId :

TT-5/5.5-6.5

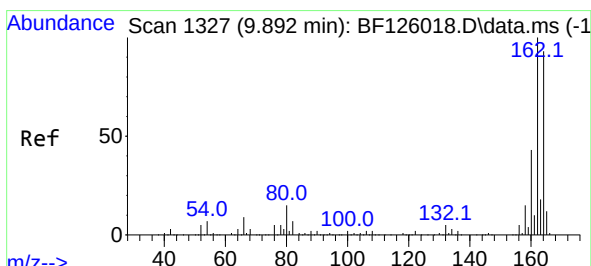
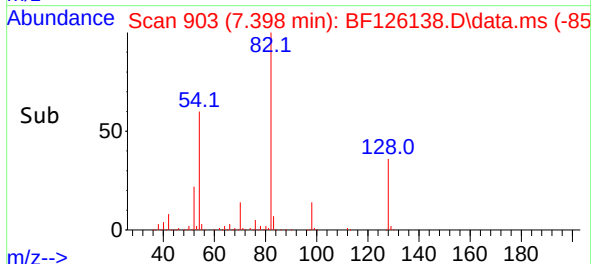
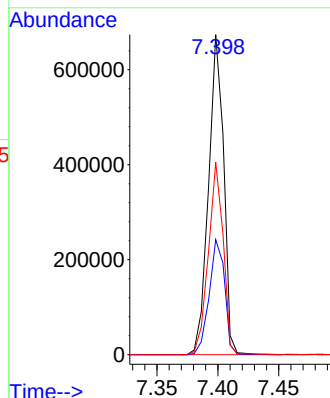
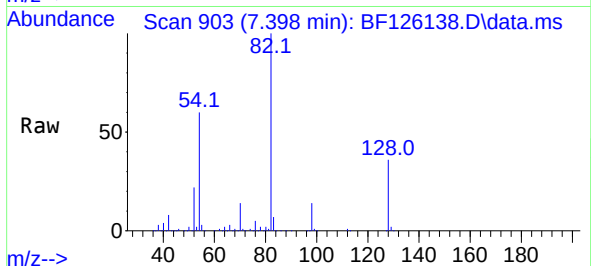
Tgt Ion: 82 Resp: 580073

Ion	Ratio	Lower	Upper
82	100		
128	36.0	40.6	60.8
54	60.2	49.6	74.4

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

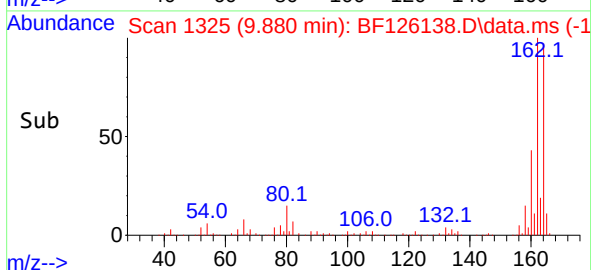
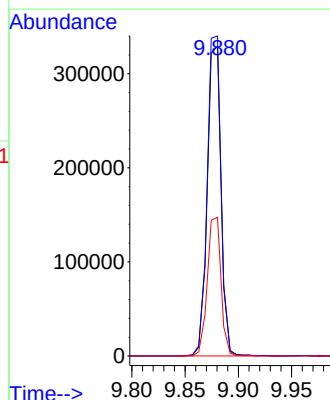
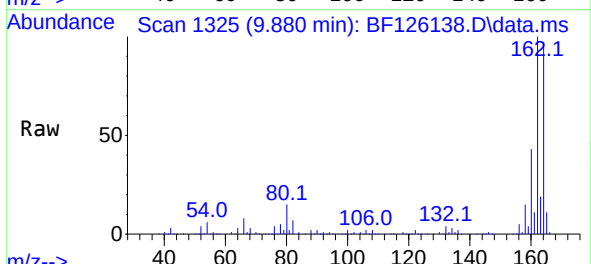
Delta R.T. -0.012 min

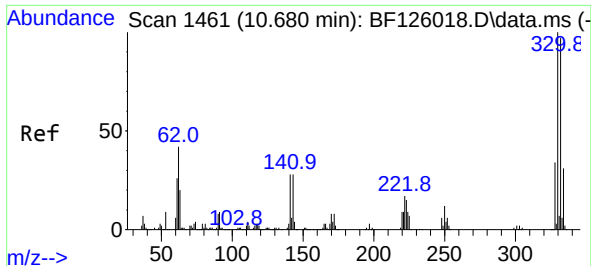
Lab File: BF126138.D

Acq: 11 Nov 2021 21:59

Tgt Ion:164 Resp: 296230

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.3	121.9
160	44.8	38.0	57.0





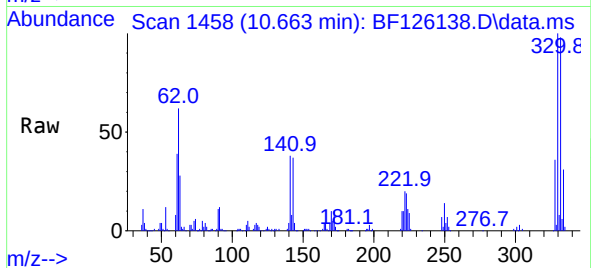
#42
2,4,6-Tribromophenol
Concen: 69.460 ng
RT: 10.663 min Scan# 1461
Delta R.T. -0.018 min
Lab File: BF126138.D
Acq: 11 Nov 2021 21:59

Instrument :

BNA_F

ClientSampleId :

TT-5/5.5-6.5

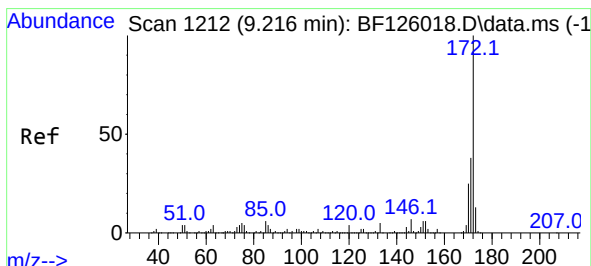
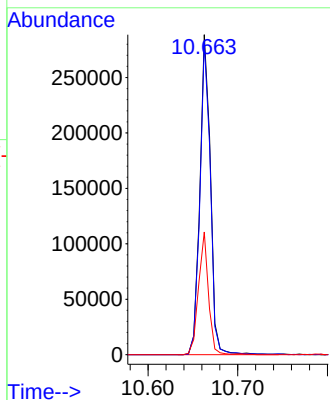
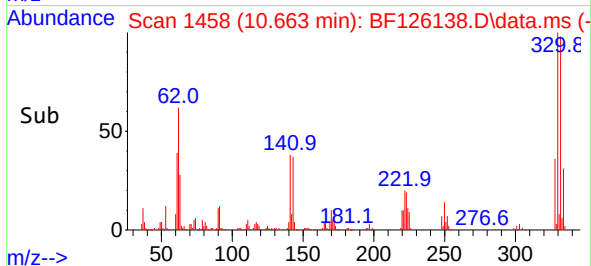


Tgt Ion: 330 Resp: 235800
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 36.3 44.6 66.8

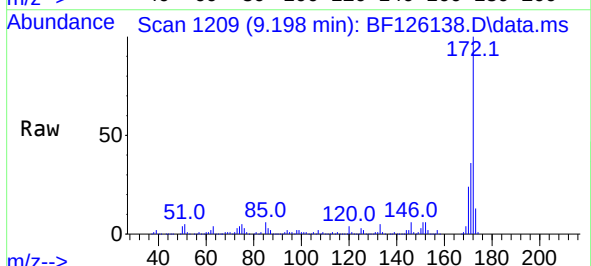
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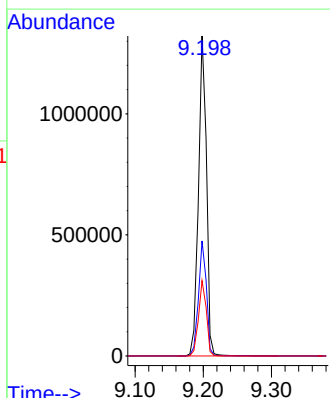
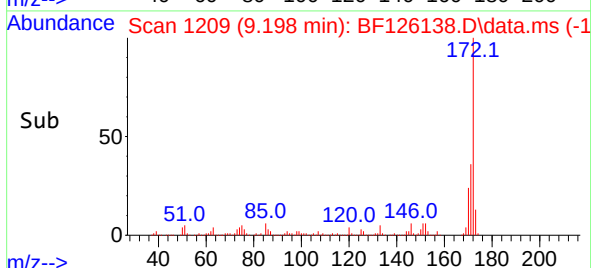
Reviewed By : Jagrut Upadhyay 11/12/2021
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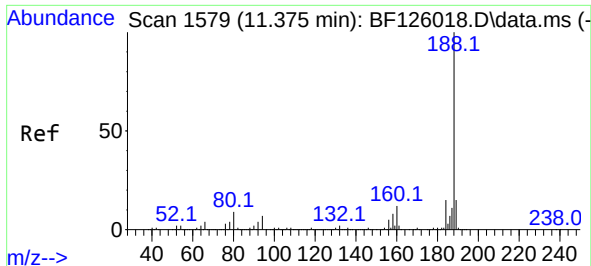


#45
2-Fluorobiphenyl
Concen: 49.150 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.018 min
Lab File: BF126138.D
Acq: 11 Nov 2021 21:59



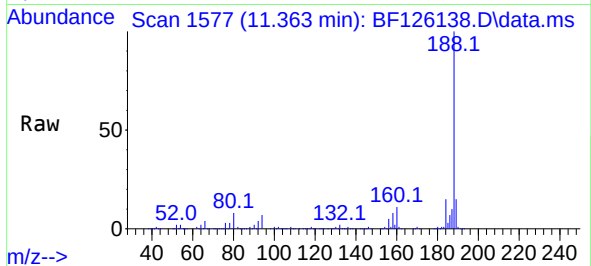
Tgt Ion: 172 Resp: 1077412
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 23.6 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF126138.D
Acq: 11 Nov 2021 21:59

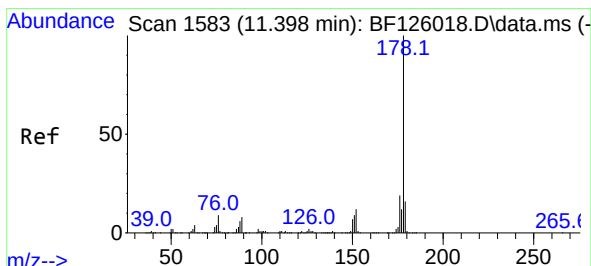
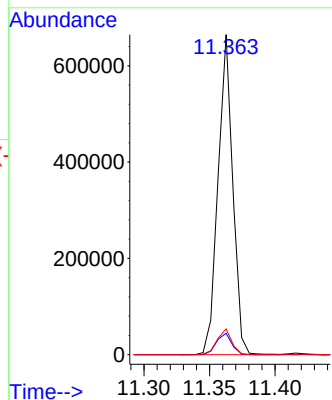
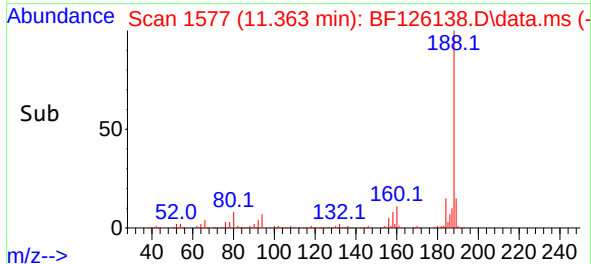
Instrument :
BNA_F
ClientSampleId :
TT-5/5.5-6.5



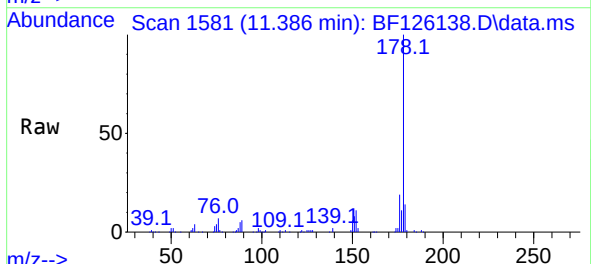
Tgt Ion:188 Resp: 518532
Ion Ratio Lower Upper
188 100
94 6.7 6.7 10.1
80 8.1 7.5 11.3

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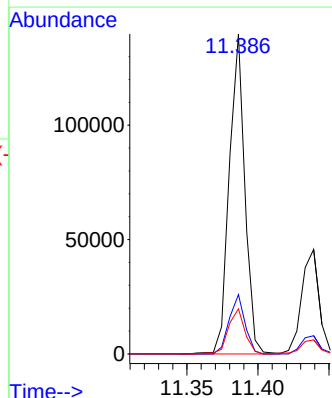
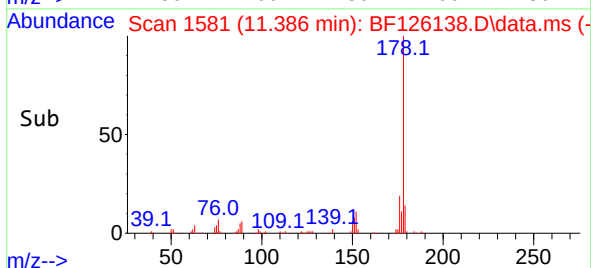
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

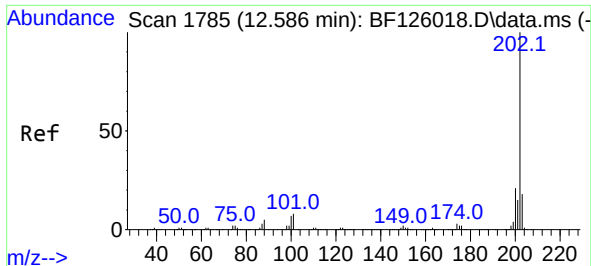


#71
Phenanthrene
Concen: 3.800 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF126138.D
Acq: 11 Nov 2021 21:59



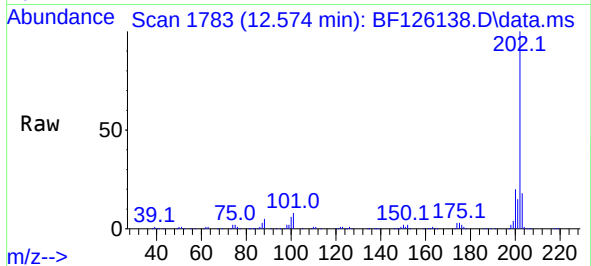
Tgt Ion:178 Resp: 106845
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 14.1 11.5 17.3





#75
Fluoranthene
Concen: 7.180 ng
RT: 12.574 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126138.D
Acq: 11 Nov 2021 21:59

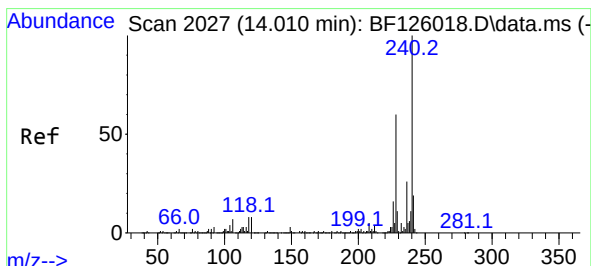
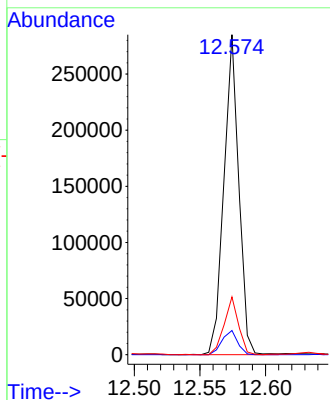
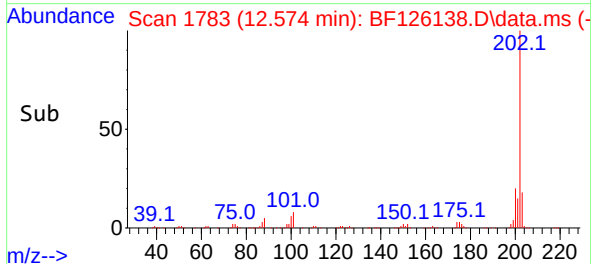
Instrument :
BNA_F
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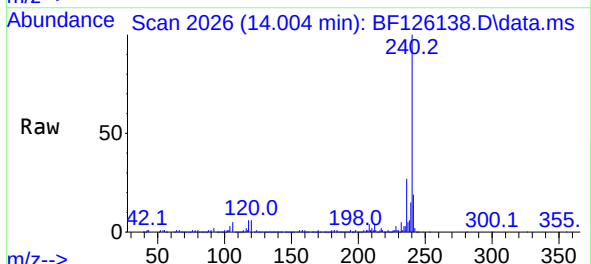
Tgt Ion:202 Resp: 224844
Ion Ratio Lower Upper
202 100
101 7.6 0.0 30.7
203 18.0 0.0 36.3

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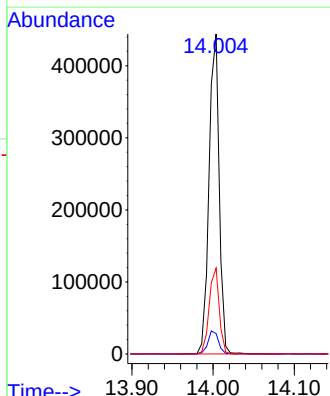
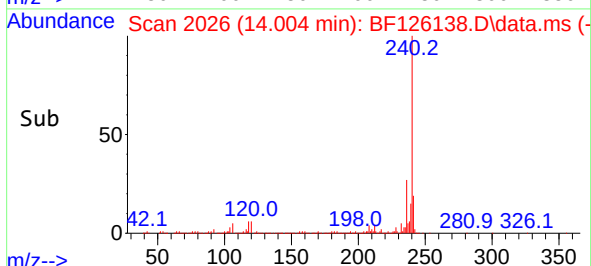
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

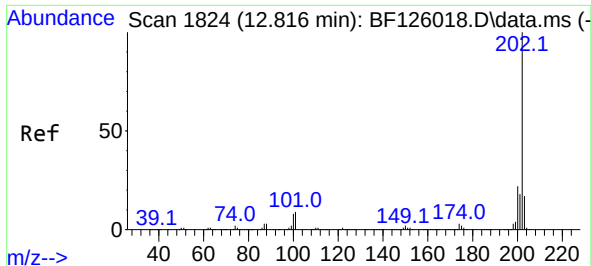


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126138.D
Acq: 11 Nov 2021 21:59



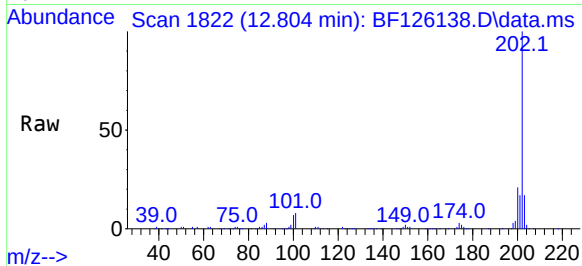
Tgt Ion:240 Resp: 384545
Ion Ratio Lower Upper
240 100
120 6.3 10.8 16.2#
236 26.8 21.6 32.4





#78
Pyrene
Concen: 5.804 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.012 min
Lab File: BF126138.D
Acq: 11 Nov 2021 21:59

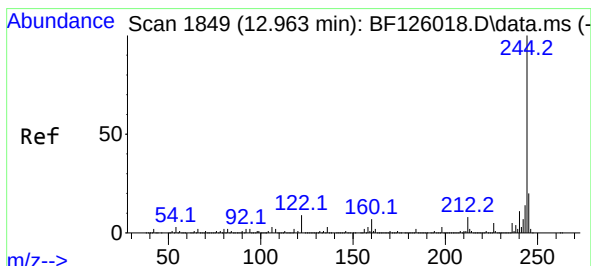
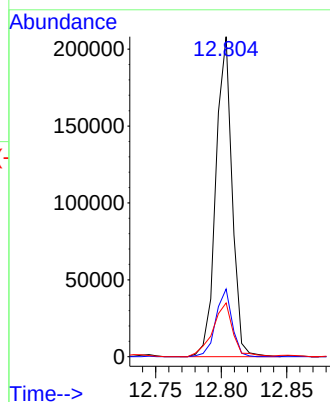
Instrument :
BNA_F
ClientSampleId :
TT-5/5.5-6.5



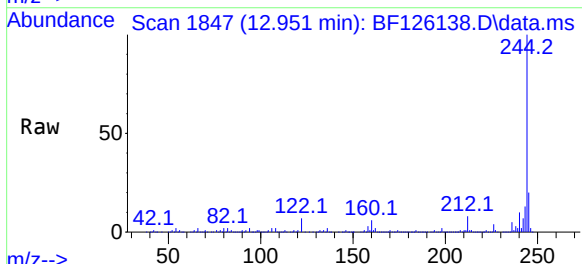
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Ion Ratio Lower Upper
202 100
200 21.1 15.3 22.9
203 16.8 13.4 20.0

Manual Integrations
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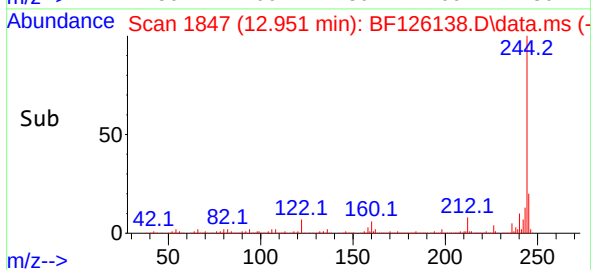
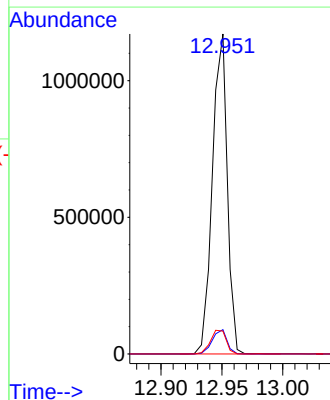
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

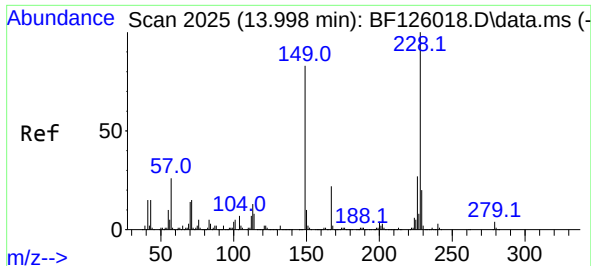


#79
Terphenyl-d14
Concen: 41.637 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BF126138.D
Acq: 11 Nov 2021 21:59



Tgt Ion:244 Resp: 992928
Ion Ratio Lower Upper
244 100
212 7.6 5.9 8.9
122 7.2 9.0 13.4#





#81
Benzo(a)anthracene
Concen: 3.818 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF126138.D
Acq: 11 Nov 2021 21:59

Instrument :

BNA_F

ClientSampleId :

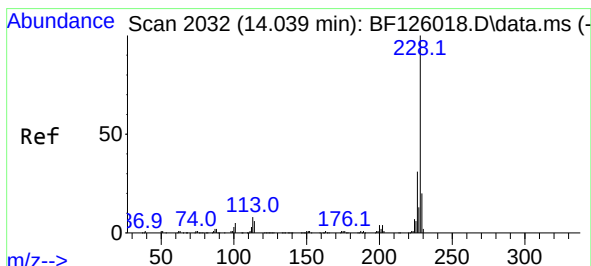
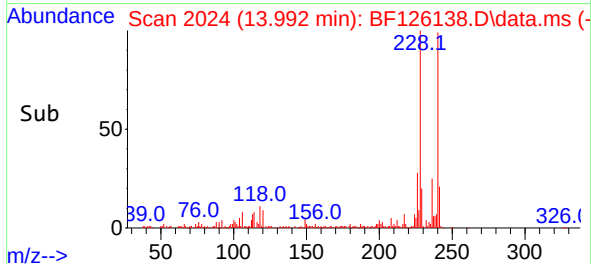
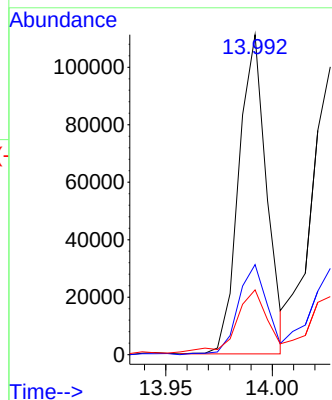
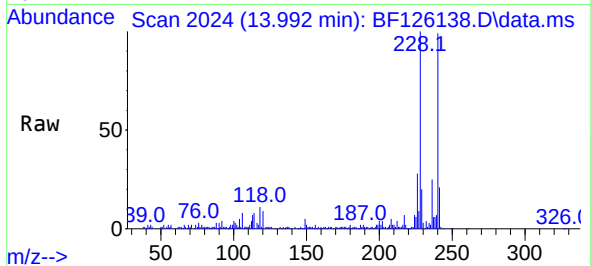
TT-5/5.5-6.5

Tgt Ion:228 Resp: 10085
Ion Ratio Lower Upper
228 100
226 28.2 21.6 32.4
229 20.3 15.6 23.4

Manual Integrations

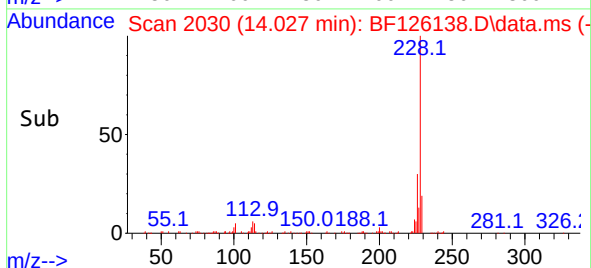
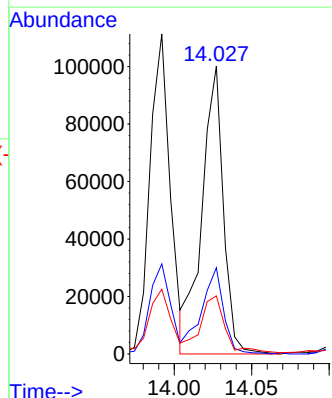
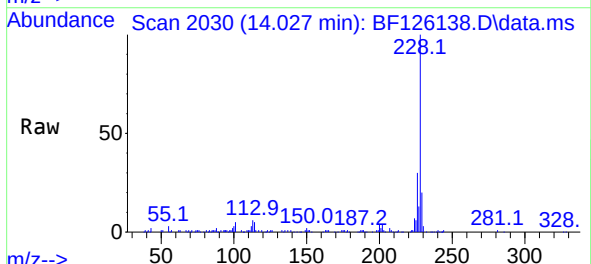
APPROVED

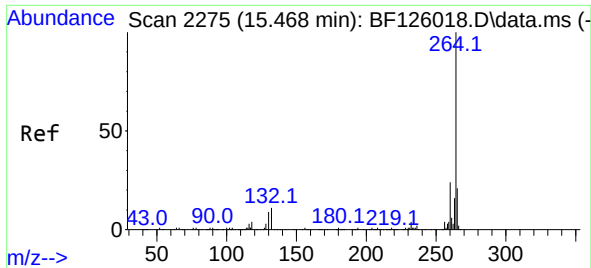
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021



#83
Chrysene
Concen: 3.937 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF126138.D
Acq: 11 Nov 2021 21:59

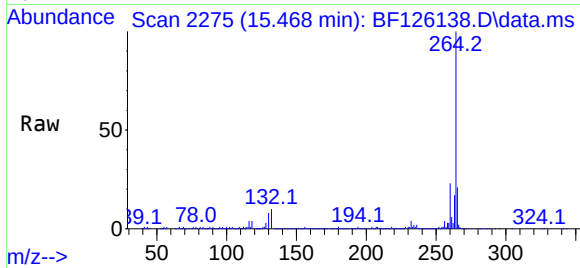
Tgt Ion:228 Resp: 96764
Ion Ratio Lower Upper
228 100
226 30.0 22.6 34.0
229 20.2 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126138.D
Acq: 11 Nov 2021 21:59

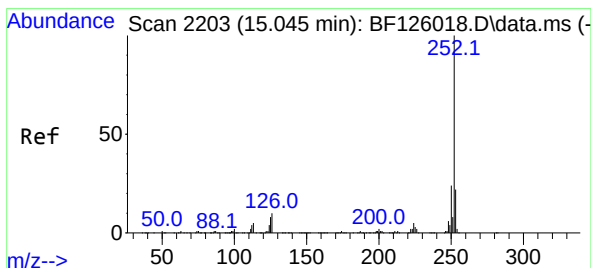
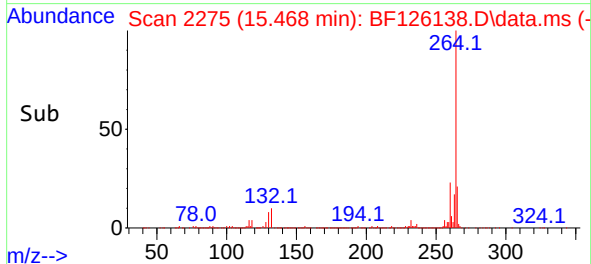
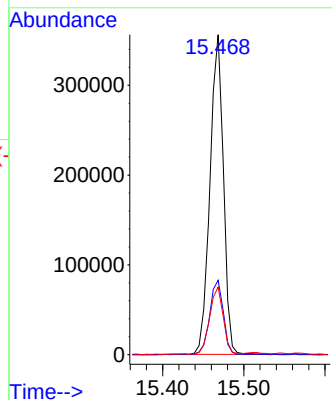
Instrument :
BNA_F
ClientSampleId :
TT-5/5.5-6.5



Tgt Ion:264 Resp: 408320
Ion Ratio Lower Upper
264 100
260 23.2 19.6 29.4
265 21.1 17.2 25.8

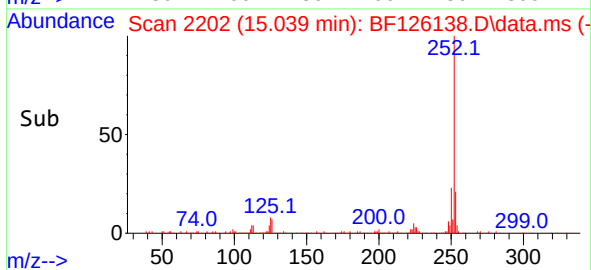
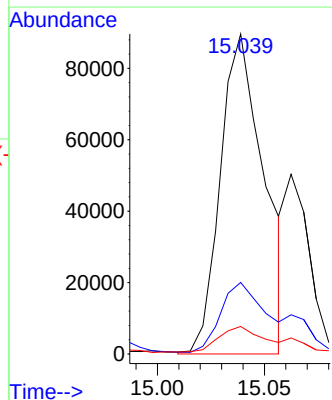
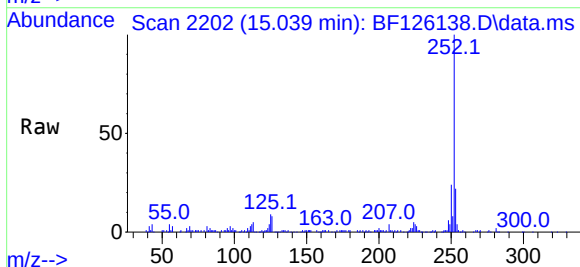
Manual Integrations
APPROVED

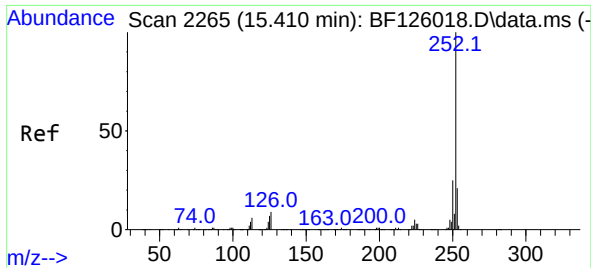
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021



#88
Benzo(b)fluoranthene
Concen: 4.789 ng m
RT: 15.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BF126138.D
Acq: 11 Nov 2021 21:59

Tgt Ion:252 Resp: 127192
Ion Ratio Lower Upper
252 100
253 22.3 16.8 25.2
125 8.6 9.8 14.8#





#90
Benzo(a)pyrene
Concen: 4.269 ng m
RT: 15.398 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF126138.D
Acq: 11 Nov 2021 21:59

Instrument :
BNA_F
ClientSampleId :
TT-5/5.5-6.5

Tgt Ion:252 Resp: 89330
Ion Ratio Lower Upper
252 100
253 23.8 18.4 27.6
125 8.5 9.9 14.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

