

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
 Data File : BF126094.D
 Acq On : 9 Nov 2021 22:03
 Operator : JU/CG
 Sample : M4582-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VWE-B10-110621-20-30

Quant Time: Nov 10 10:04:49 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/10/2021
 Supervised By :mohammad ahmed 11/11/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	189036	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	677969	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	379450	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	572078	20.000	ng	0.00
76) Chrysene-d12	14.004	240	397465	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	386338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1043509	94.797	ng	0.01
7) Phenol-d6	6.481	99	1491473	96.115	ng	0.00
23) Nitrobenzene-d5	7.416	82	1101163	76.598	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	287366	66.084	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2019771	71.932	ng	0.00
79) Terphenyl-d14	12.957	244	1518686	61.614	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	323837	10.438	ng	96
75) Fluoranthene	12.580	202	228864	6.625	ng	97
78) Pyrene	12.810	202	259294	8.135	ng	96
81) Benzo(a)anthracene	13.998	228	90069	3.299	ng	93
83) Chrysene	14.033	228	86660	3.411	ng	96
88) Benzo(b)fluoranthene	15.045	252	73219m	2.914	ng	
90) Benzo(a)pyrene	15.409	252	58492	2.954	ng	92

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

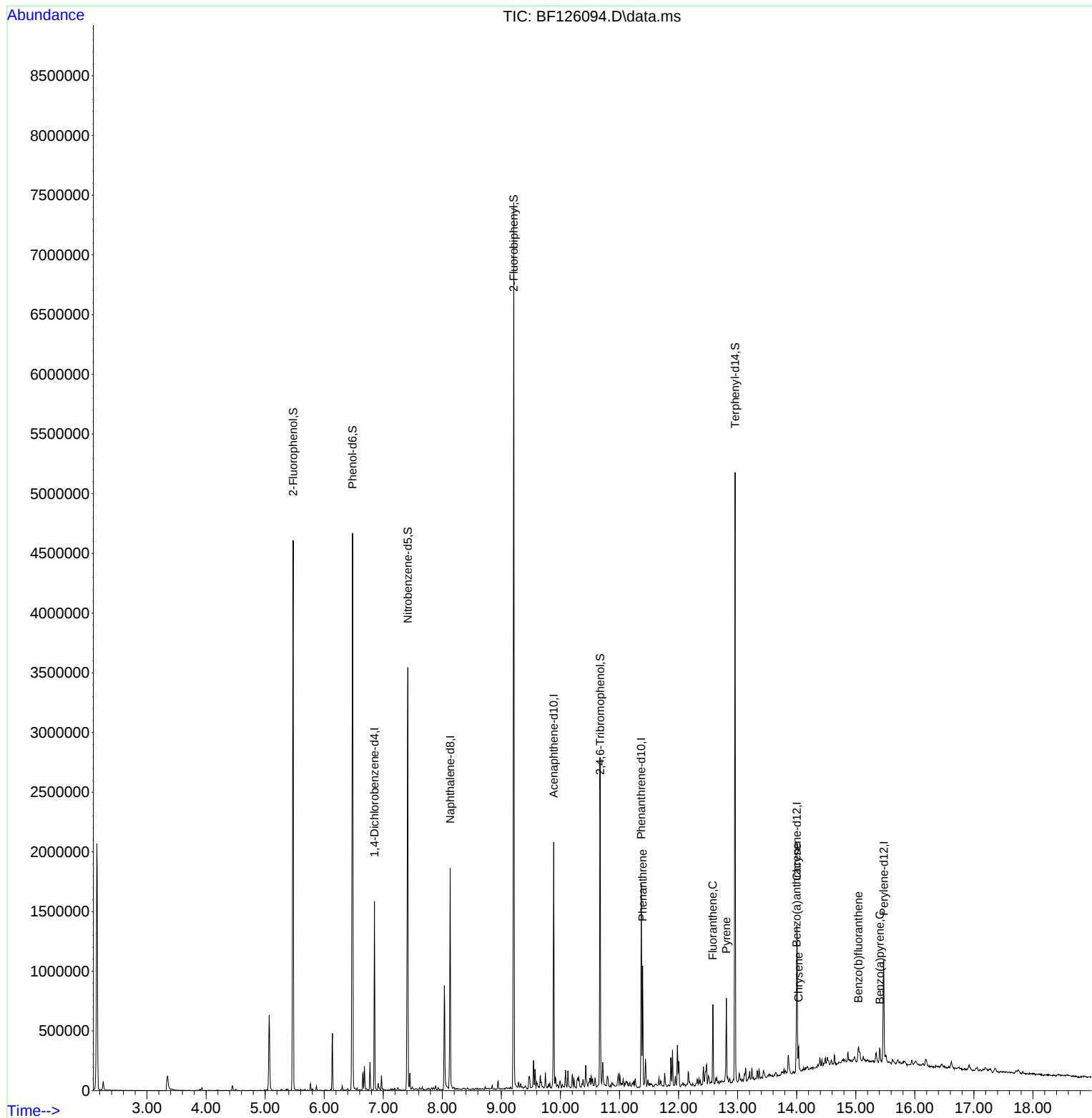
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
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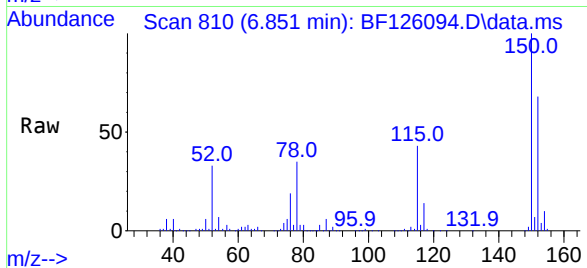
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126094.D
Acq: 9 Nov 2021 22:03

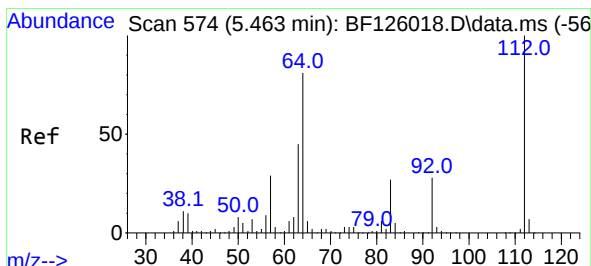
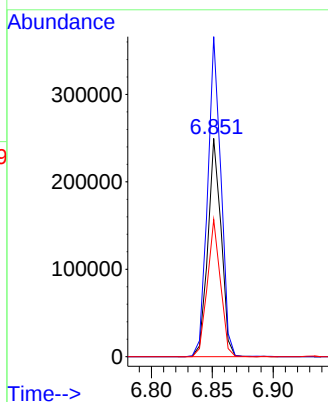
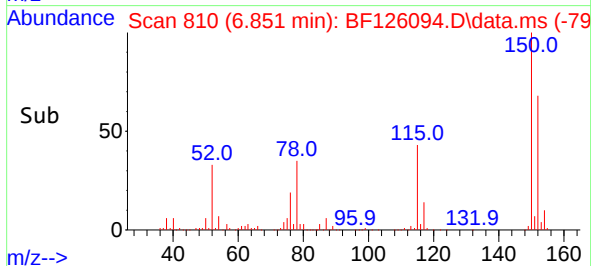
Instrument :
BNA_F
ClientSampleId :
VWE-B10-110621-20-30



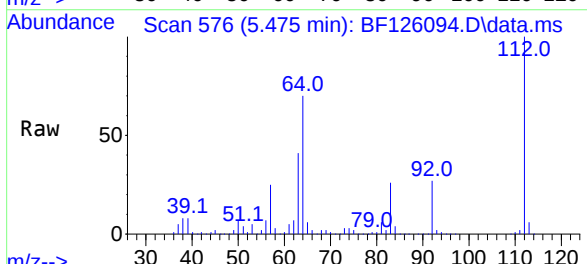
Tgt Ion:152 Resp: 189036
Ion Ratio Lower Upper
152 100
150 146.7 117.6 176.4
115 62.8 47.1 70.7

Manual Integrations
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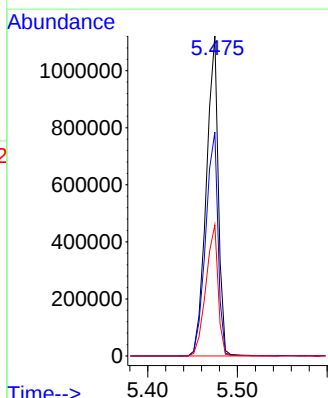
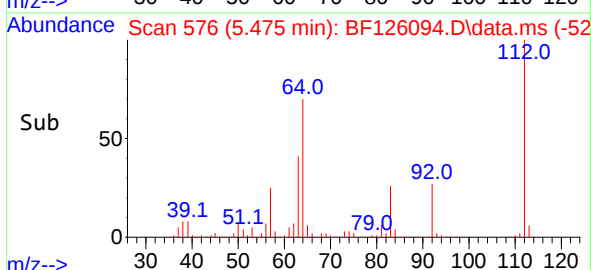
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

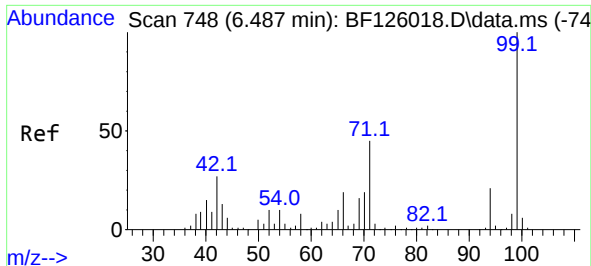


#5
2-Fluorophenol
Concen: 94.797 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF126094.D
Acq: 9 Nov 2021 22:03



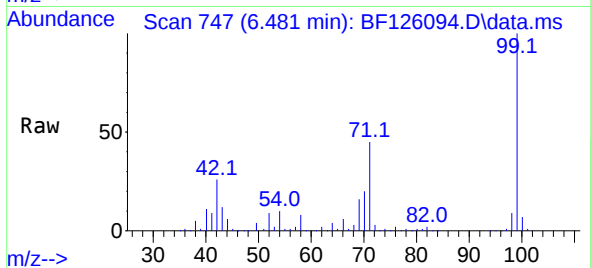
Tgt Ion:112 Resp: 1043509
Ion Ratio Lower Upper
112 100
64 69.9 44.2 66.2#
63 41.0 26.2 39.2#





#7
Phenol-d6
Concen: 96.115 ng
RT: 6.481 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF126094.D
Acq: 9 Nov 2021 22:03

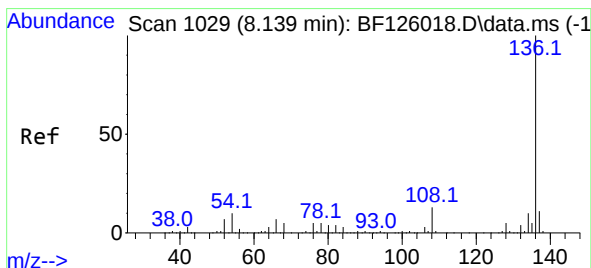
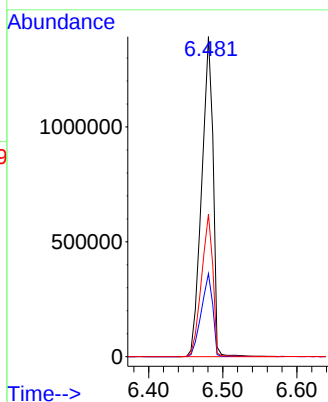
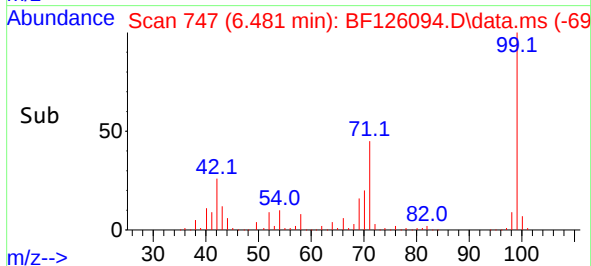
Instrument :
BNA_F
ClientSampleId :
VWE-B10-110621-20-30



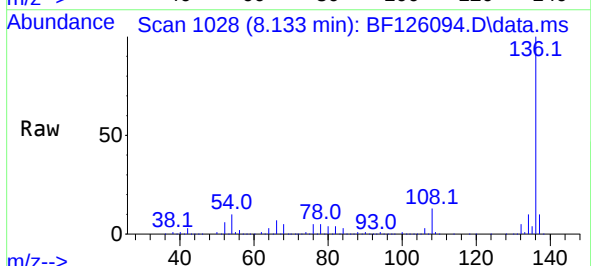
Tgt Ion: 99 Resp: 149147
Ion Ratio Lower Upper
99 100
42 26.0 23.5 35.3
71 44.5 25.6 38.4

Manual Integrations
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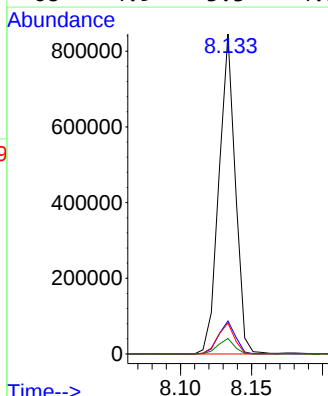
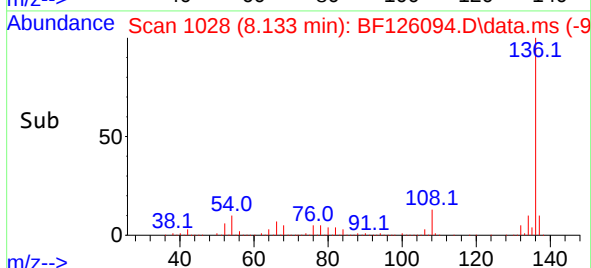
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

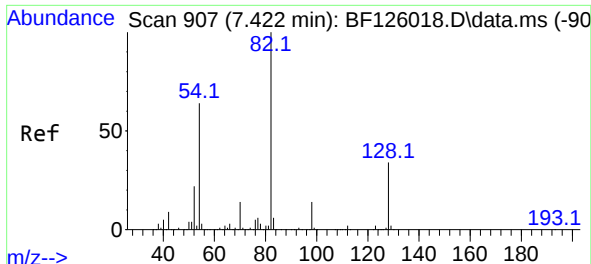


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126094.D
Acq: 9 Nov 2021 22:03



Tgt Ion:136 Resp: 677969
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 9.7 6.4 9.6#
68 4.9 3.3 4.9





#23

Nitrobenzene-d5

Concen: 76.598 ng

RT: 7.416 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF126094.D

Acq: 9 Nov 2021 22:03

Instrument :

BNA_F

ClientSampleId :

VWE-B10-110621-20-30

Tgt Ion: 82 Resp: 110116

Ion Ratio Lower Upper

82 100

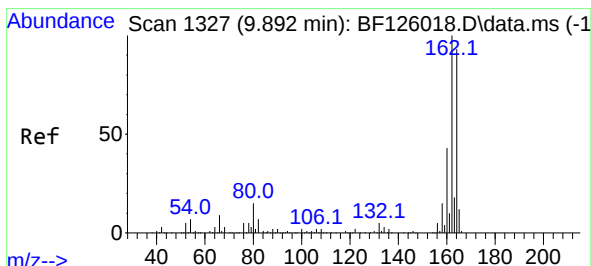
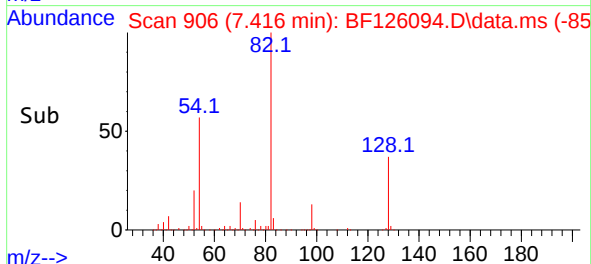
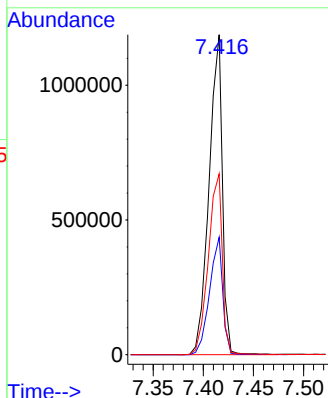
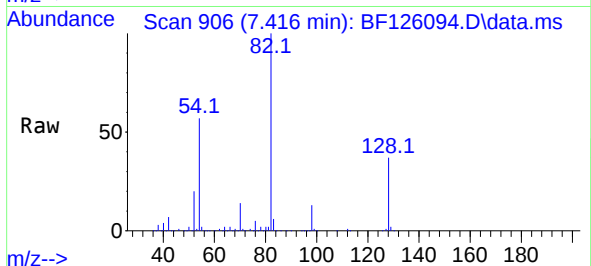
128 36.7 40.6 60.8

54 56.5 49.6 74.4

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF126094.D

Acq: 9 Nov 2021 22:03

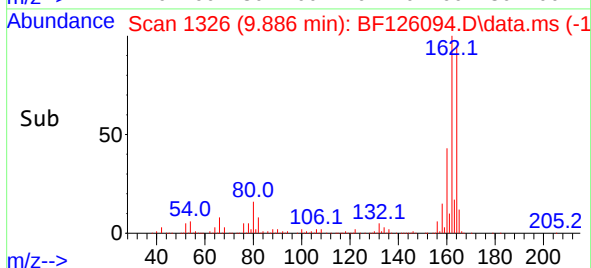
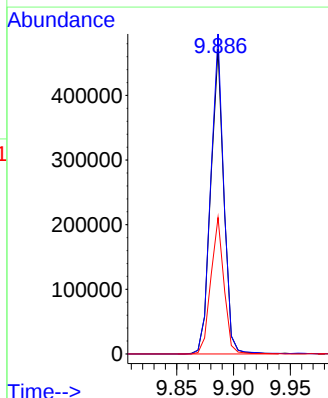
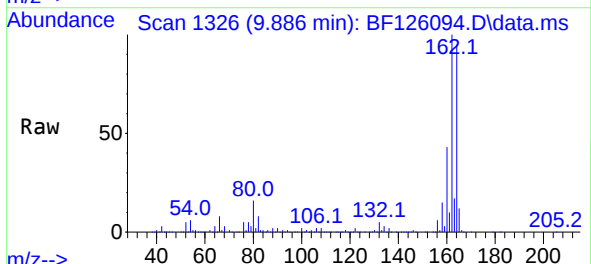
Tgt Ion:164 Resp: 379450

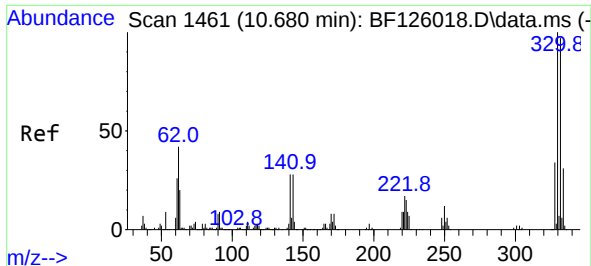
Ion Ratio Lower Upper

164 100

162 104.9 81.3 121.9

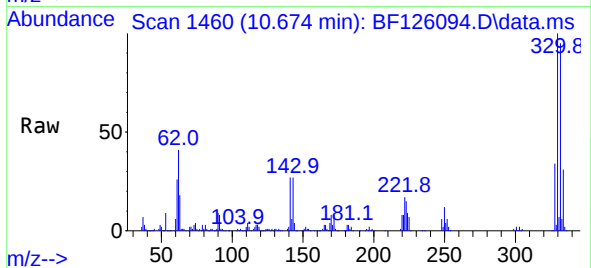
160 44.8 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 66.084 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF126094.D
Acq: 9 Nov 2021 22:03

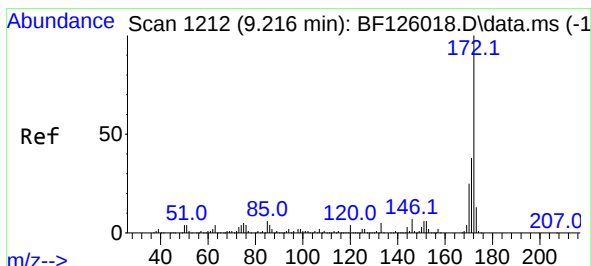
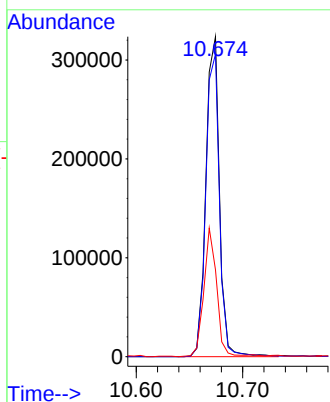
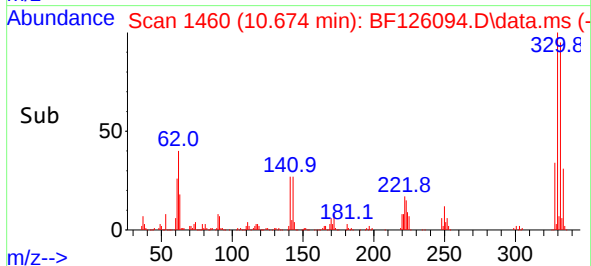
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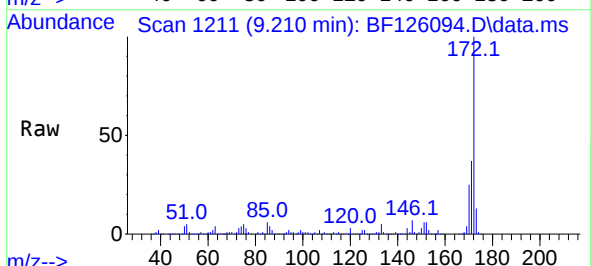
Tgt Ion:330 Resp: 287360
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 37.8 44.6 66.8

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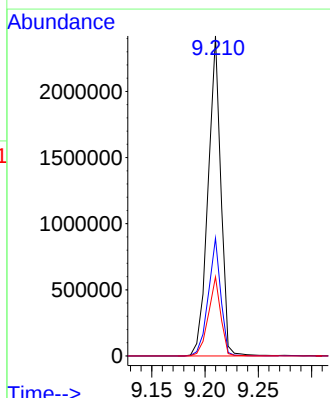
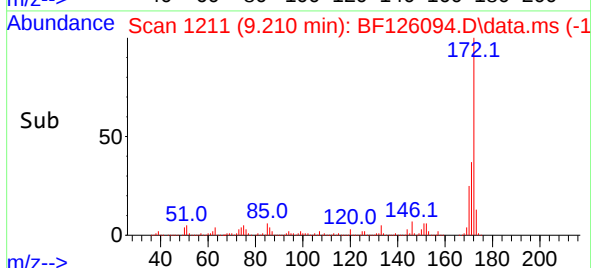
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#45
2-Fluorobiphenyl
Concen: 71.932 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126094.D
Acq: 9 Nov 2021 22:03



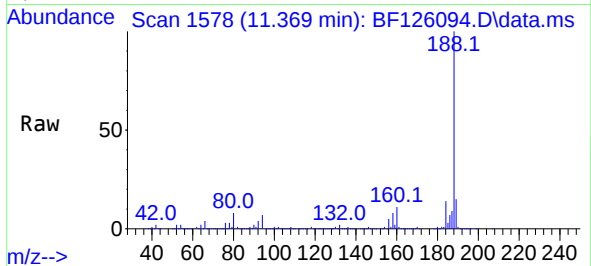
Tgt Ion:172 Resp: 2019771
Ion Ratio Lower Upper
172 100
171 36.8 26.5 39.7
170 24.7 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF126094.D
Acq: 9 Nov 2021 22:03

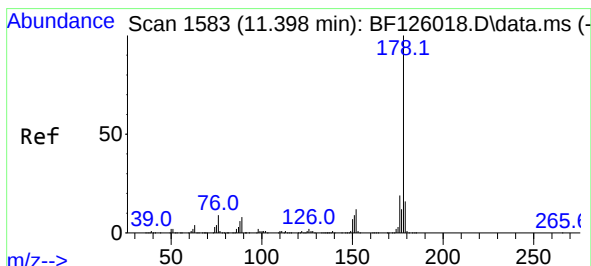
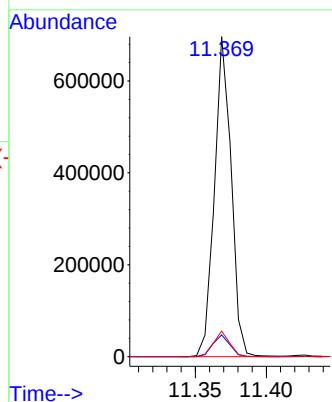
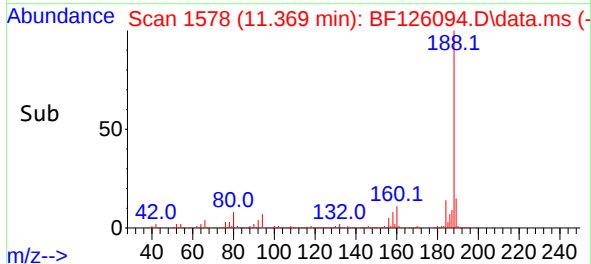
Instrument :
BNA_F
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VWE-B10-110621-20-30



Tgt Ion:188 Resp: 572078
Ion Ratio Lower Upper
188 100
94 6.8 6.7 10.1
80 8.0 7.5 11.3

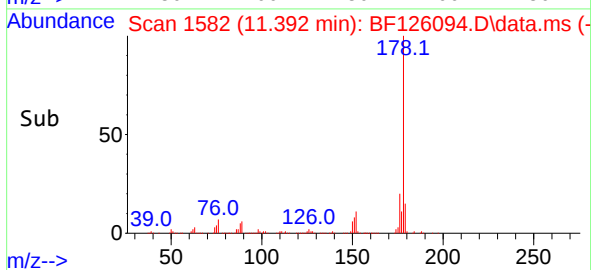
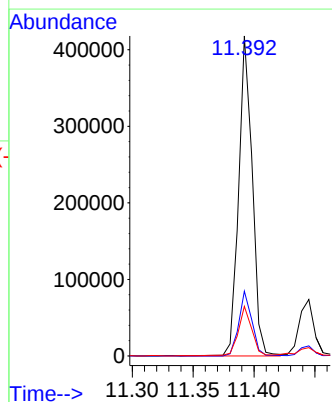
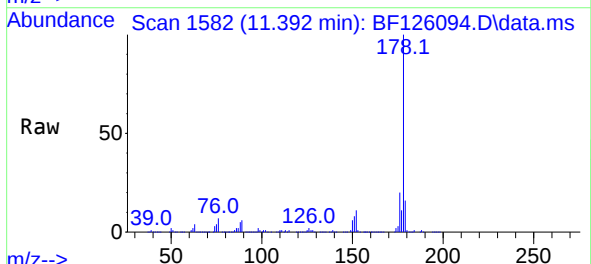
Manual Integrations
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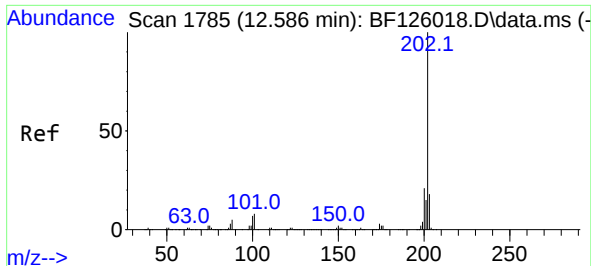
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#71
Phenanthrene
Concen: 10.438 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF126094.D
Acq: 9 Nov 2021 22:03

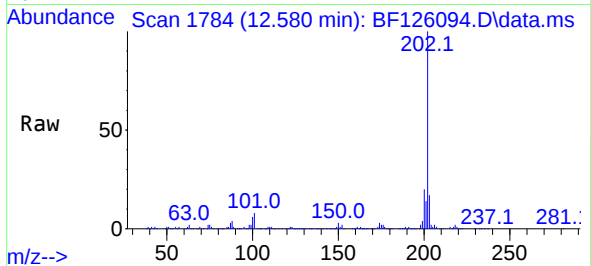
Tgt Ion:178 Resp: 323837
Ion Ratio Lower Upper
178 100
176 20.2 14.7 22.1
179 15.5 11.5 17.3





#75
Fluoranthene
Concen: 6.625 ng
RT: 12.580 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126094.D
Acq: 9 Nov 2021 22:03

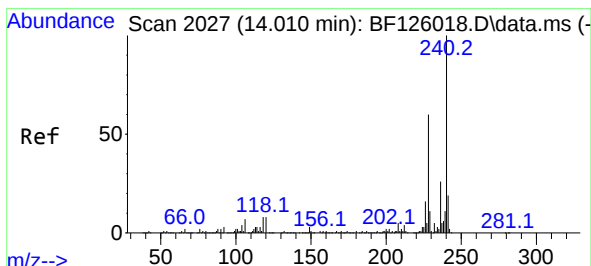
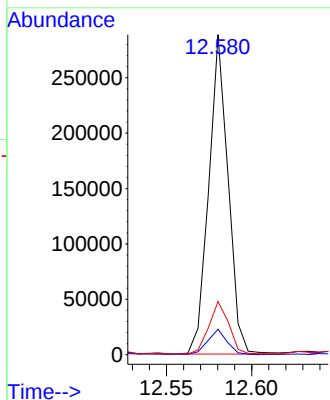
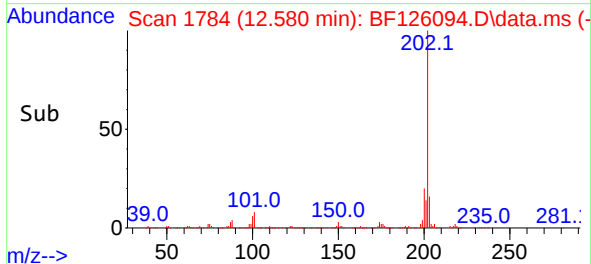
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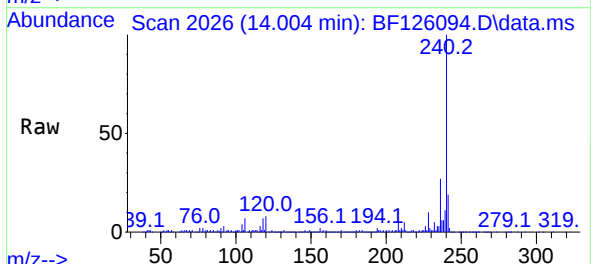
Tgt Ion:202 Resp: 228864
Ion Ratio Lower Upper
202 100
101 8.0 0.0 30.7
203 16.6 0.0 36.3

Manual Integrations
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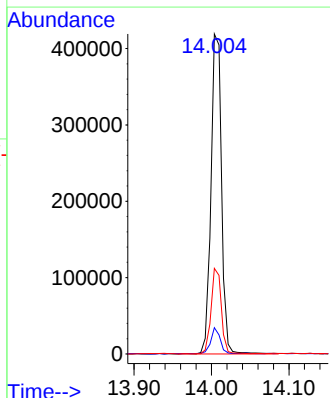
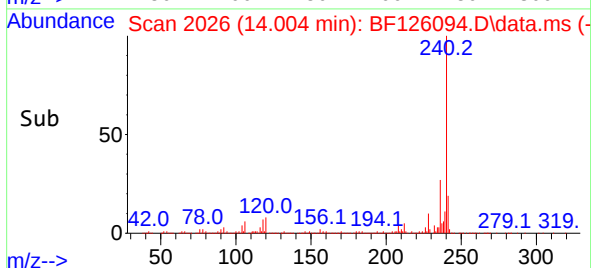
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

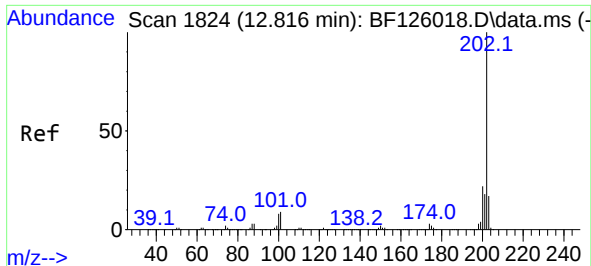


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126094.D
Acq: 9 Nov 2021 22:03



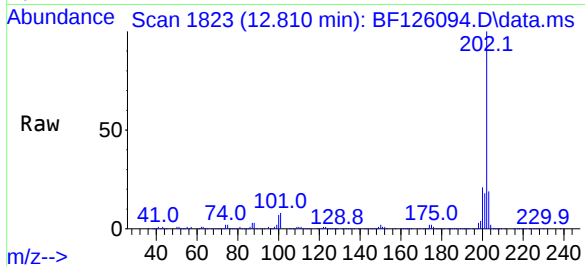
Tgt Ion:240 Resp: 397465
Ion Ratio Lower Upper
240 100
120 8.2 10.8 16.2#
236 26.7 21.6 32.4





#78
Pyrene
Concen: 8.135 ng
RT: 12.810 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF126094.D
Acq: 9 Nov 2021 22:03

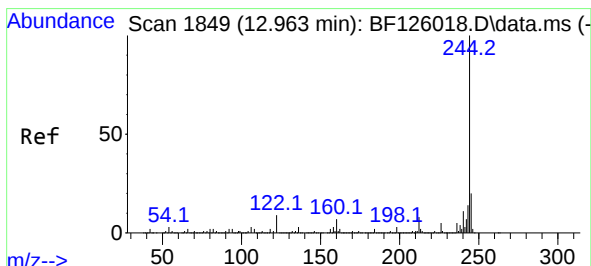
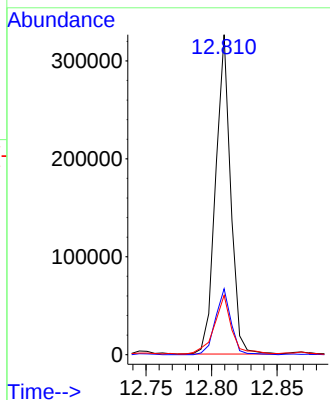
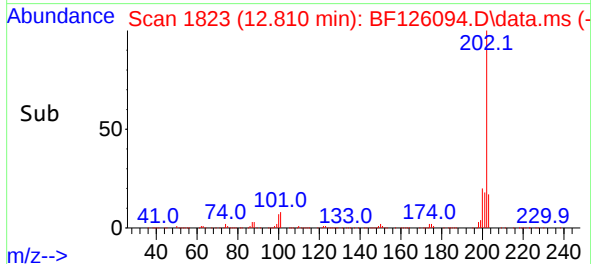
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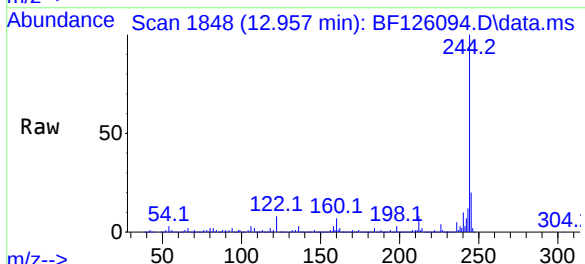
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Ion Ratio Lower Upper
202 100
200 20.6 15.3 22.9
203 18.6 13.4 20.0

Manual Integrations
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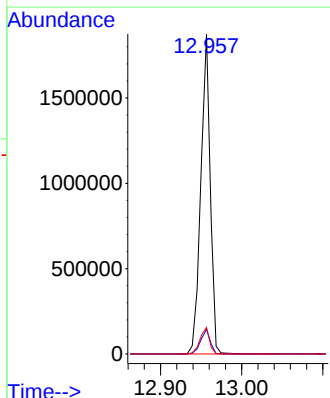
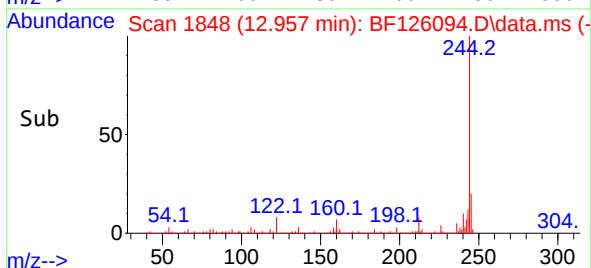
Reviewed By :Jagrut Upadhyay 11/10/2021
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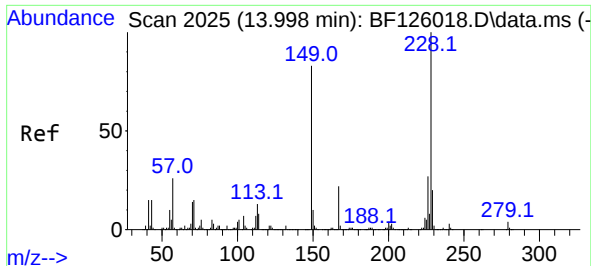


#79
Terphenyl-d14
Concen: 61.614 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF126094.D
Acq: 9 Nov 2021 22:03



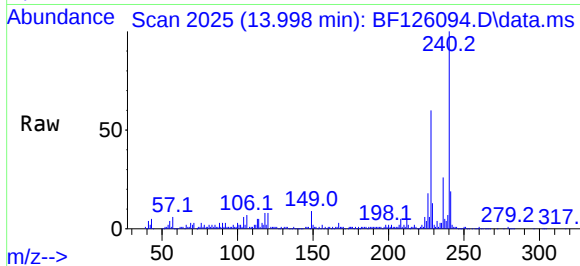
Tgt Ion:244 Resp: 1518686
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 8.3 9.0 13.4#





#81
Benzo(a)anthracene
Concen: 3.299 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF126094.D
Acq: 9 Nov 2021 22:03

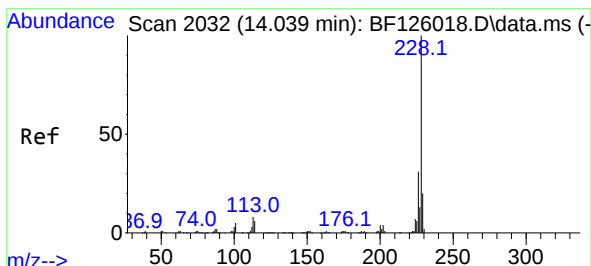
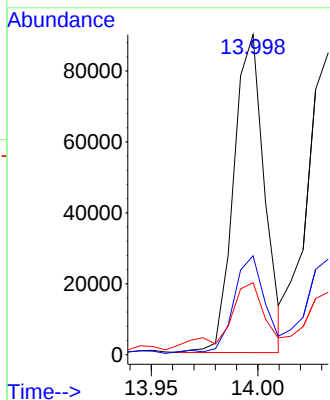
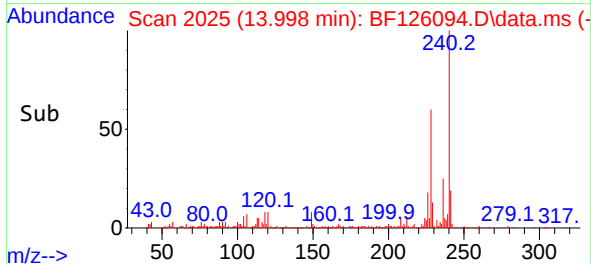
Instrument :
BNA_F
ClientSampleId :
VWE-B10-110621-20-30



Tgt Ion:228 Resp: 90069
Ion Ratio Lower Upper
228 100
226 30.9 21.6 32.4
229 22.5 15.6 23.4

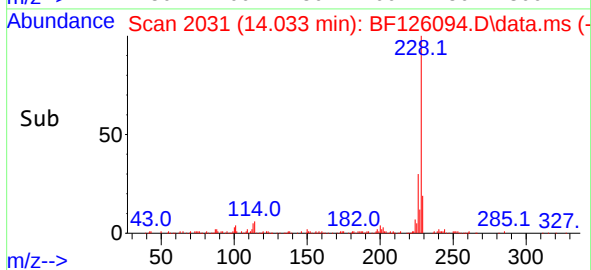
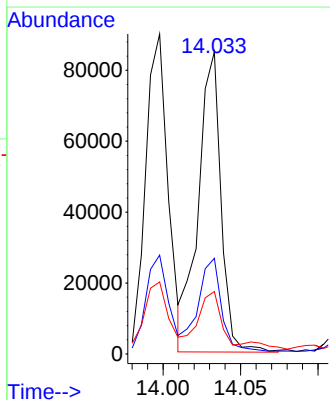
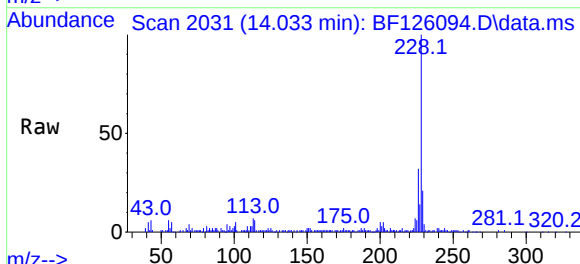
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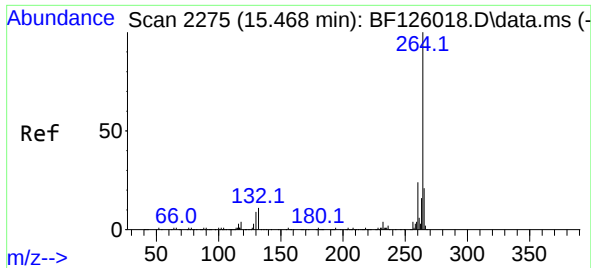
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#83
Chrysene
Concen: 3.411 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF126094.D
Acq: 9 Nov 2021 22:03

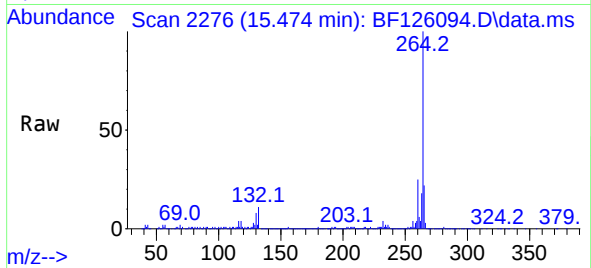
Tgt Ion:228 Resp: 86660
Ion Ratio Lower Upper
228 100
226 31.7 22.6 34.0
229 20.6 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2275
Delta R.T. 0.006 min
Lab File: BF126094.D
Acq: 9 Nov 2021 22:03

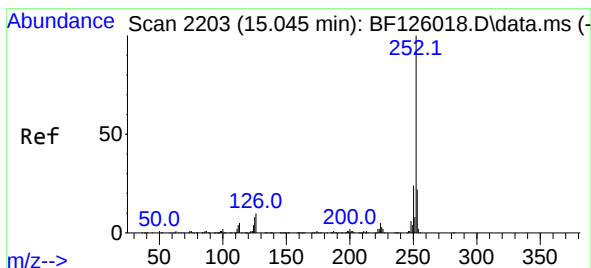
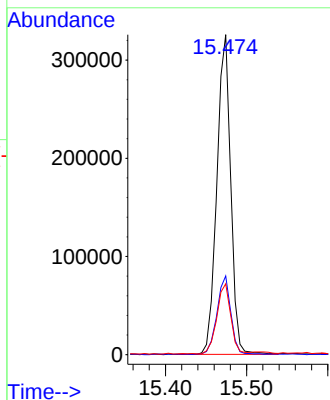
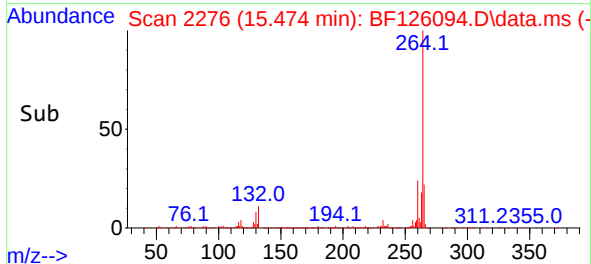
Instrument :
BNA_F
ClientSampleId :
VWE-B10-110621-20-30



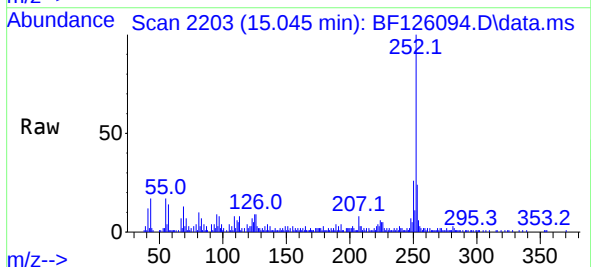
Tgt Ion:264 Resp: 386338
Ion Ratio Lower Upper
264 100
260 24.6 19.6 29.4
265 22.2 17.2 25.8

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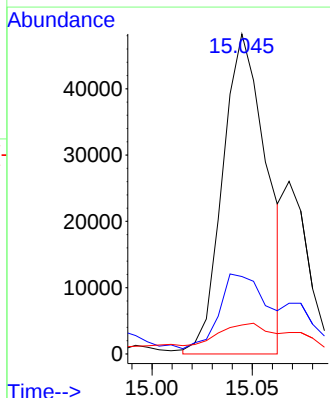
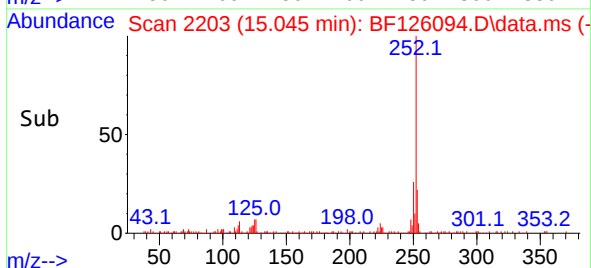
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

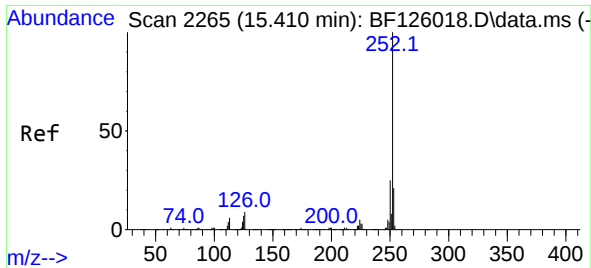


#88
Benzo(b)fluoranthene
Concen: 2.914 ng m
RT: 15.045 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BF126094.D
Acq: 9 Nov 2021 22:03



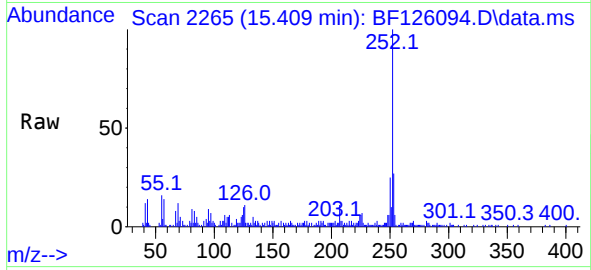
Tgt Ion:252 Resp: 73219
Ion Ratio Lower Upper
252 100
253 24.2 16.8 25.2
125 9.1 9.8 14.8#





#90
Benzo(a)pyrene
Concen: 2.954 ng
RT: 15.409 min Scan# 21
Delta R.T. -0.001 min
Lab File: BF126094.D
Acq: 9 Nov 2021 22:03

Instrument :
BNA_F
ClientSampleId :
VWE-B10-110621-20-30



Tgt Ion:252 Resp: 58492
Ion Ratio Lower Upper
252 100
253 27.5 18.4 27.6
125 10.4 9.9 14.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

