

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
 Data File : BF126091.D
 Acq On : 9 Nov 2021 20:24
 Operator : JU/CG
 Sample : M4523-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VWE-B4-110421-0-10

Quant Time: Nov 10 10:03:49 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	173069	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	627491	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	343079	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	514013	20.000	ng	0.00
76) Chrysene-d12	14.010	240	354684	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	384570	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	970224	96.271	ng	0.00
7) Phenol-d6	6.481	99	1245114	87.642	ng	0.00
23) Nitrobenzene-d5	7.410	82	928783	69.805	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	352049	89.541	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1745639	68.759	ng	0.00
79) Terphenyl-d14	12.957	244	1342778	61.048	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	73629	2.641	ng	# 95
75) Fluoranthene	12.586	202	116065	3.739	ng	94
78) Pyrene	12.810	202	114384	4.021	ng	95
81) Benzo(a)anthracene	13.998	228	60169m	2.469	ng	
83) Chrysene	14.033	228	63852m	2.816	ng	
88) Benzo(b)fluoranthene	15.045	252	78159m	3.125	ng	
90) Benzo(a)pyrene	15.409	252	49498	2.512	ng	# 92

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

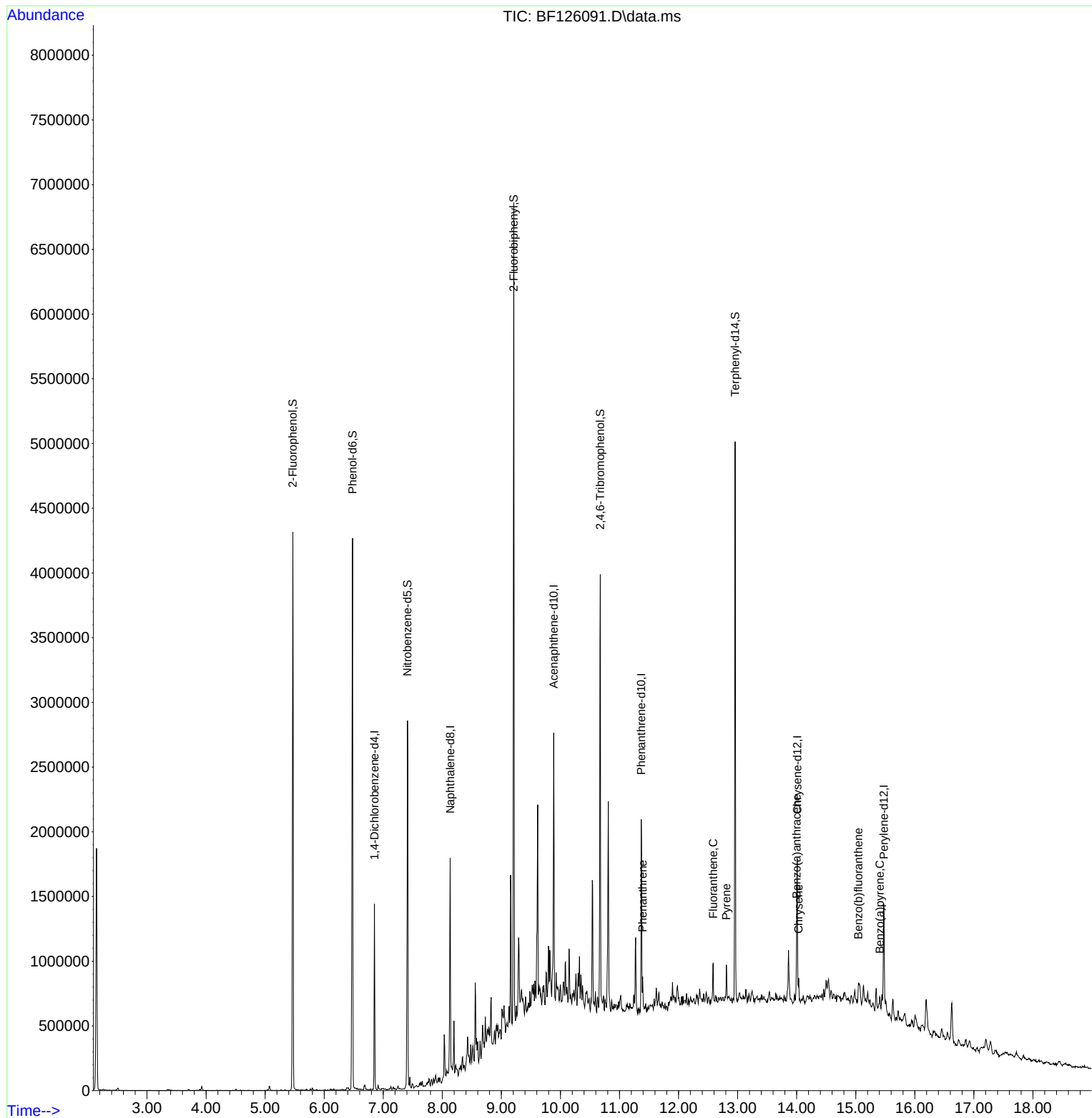
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126091.D
Acq On : 9 Nov 2021 20:24
Operator : JU/CG
Sample : M4523-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

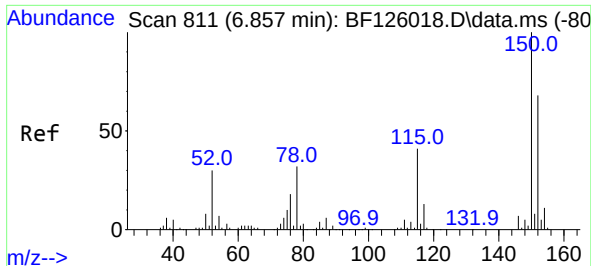
Instrument :
BNA_F
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VWE-B4-110421-0-10

Quant Time: Nov 10 10:03:49 2021
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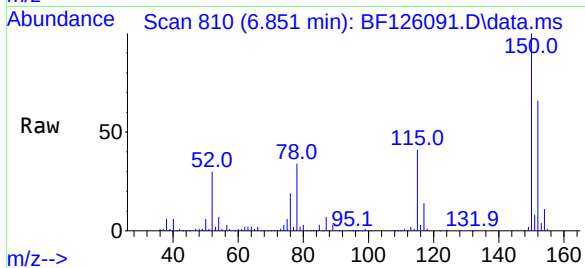
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

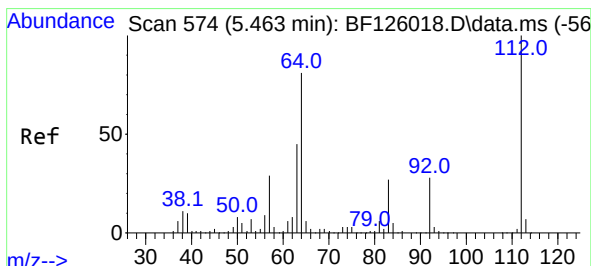
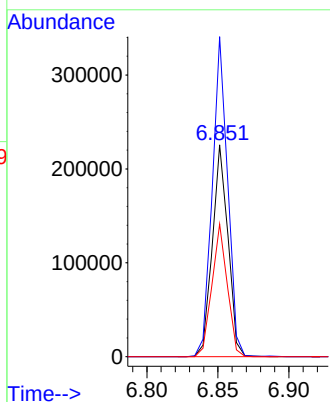
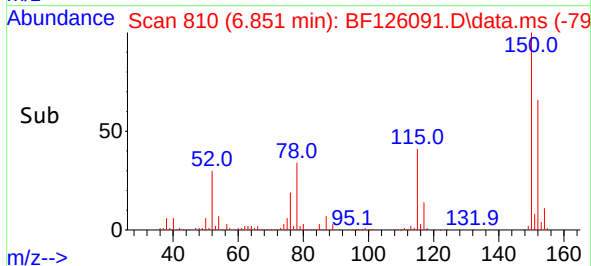
Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10



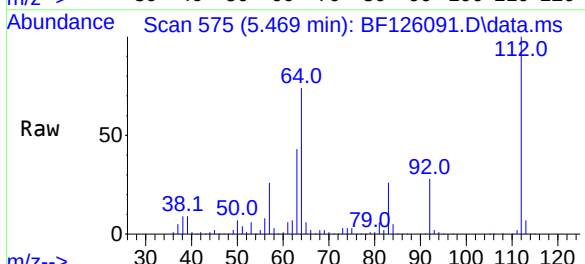
Tgt Ion:152 Resp: 173069
Ion Ratio Lower Upper
152 100
150 151.0 117.6 176.4
115 62.6 47.1 70.7

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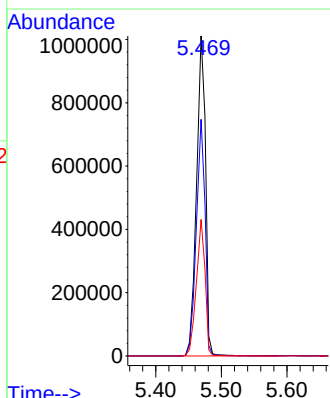
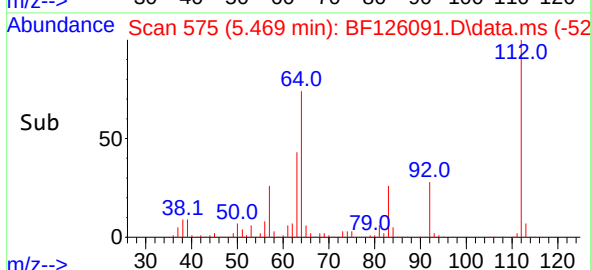
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

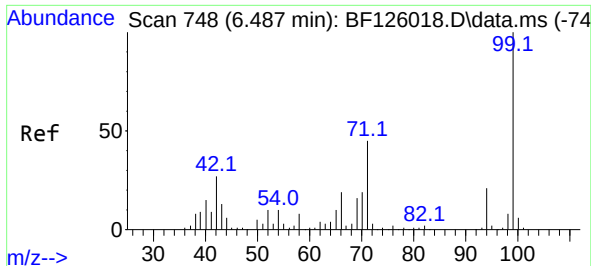


#5
2-Fluorophenol
Concen: 96.271 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24



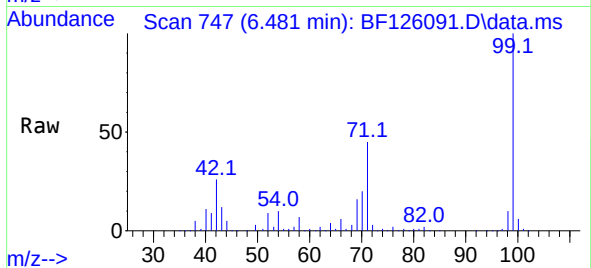
Tgt Ion:112 Resp: 970224
Ion Ratio Lower Upper
112 100
64 74.0 44.2 66.2#
63 42.6 26.2 39.2#





#7
Phenol-d6
Concen: 87.642 ng
RT: 6.481 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

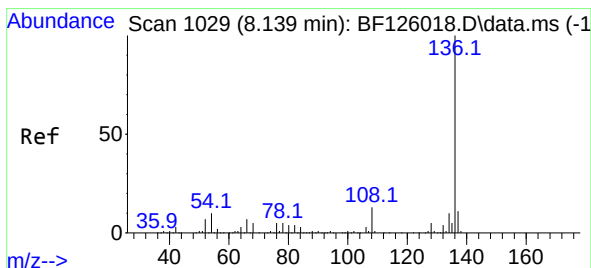
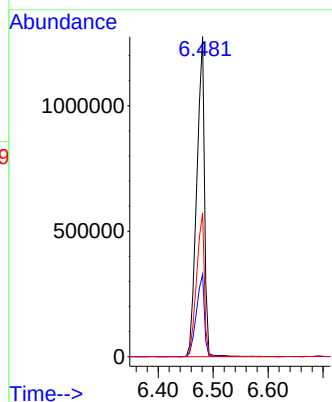
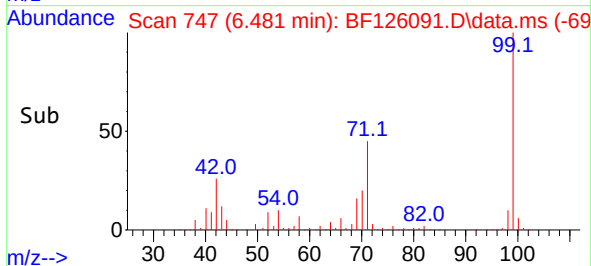
Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10



Tgt Ion: 99 Resp: 1245114
Ion Ratio Lower Upper
99 100
42 25.7 23.5 35.3
71 44.9 25.6 38.4

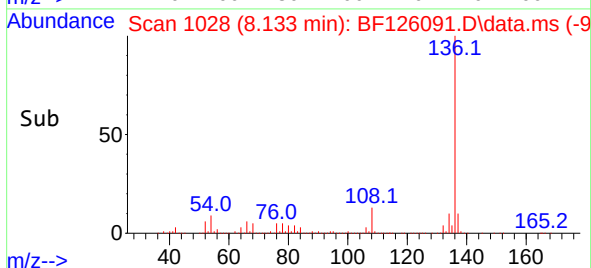
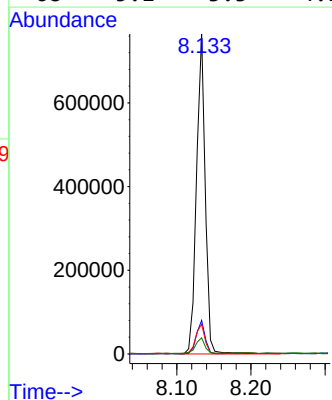
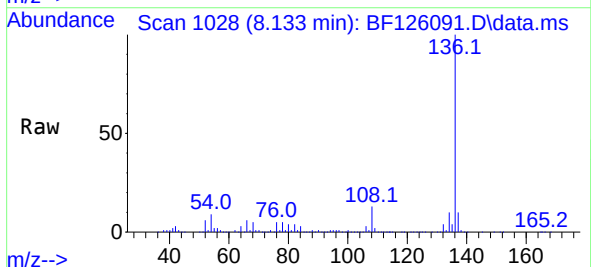
Manual Integrations
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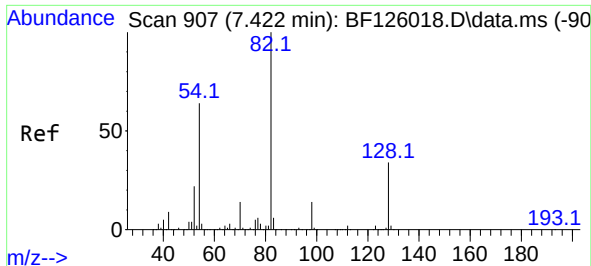
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

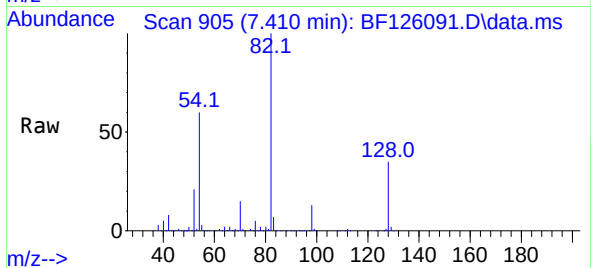
Tgt Ion:136 Resp: 627491
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 9.3 6.4 9.6
68 5.1 3.3 4.9





#23
Nitrobenzene-d5
Concen: 69.805 ng
RT: 7.410 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

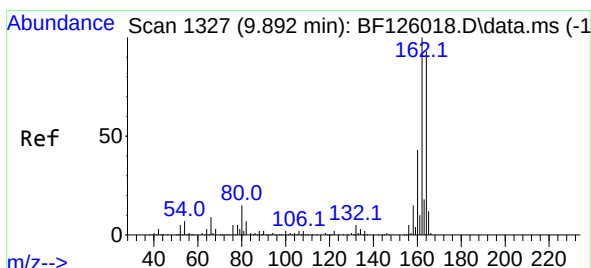
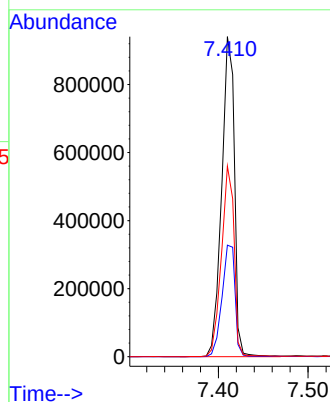
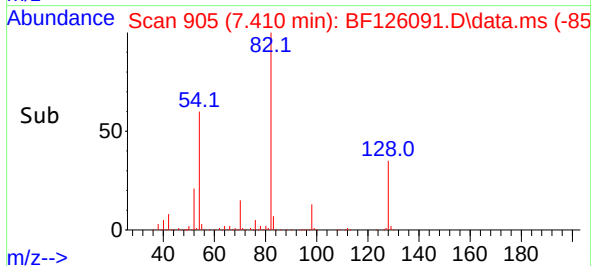
Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10



Tgt Ion: 82 Resp: 92878
Ion Ratio Lower Upper
82 100
128 34.8 40.6 60.8
54 59.5 49.6 74.4

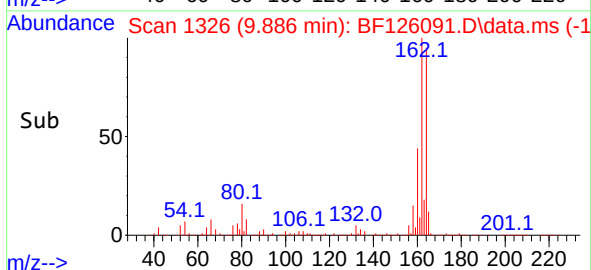
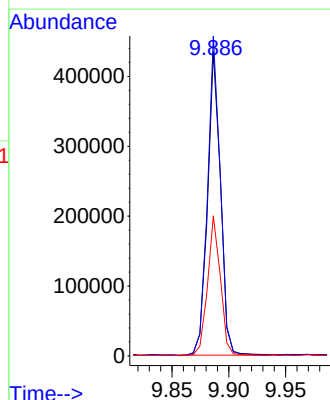
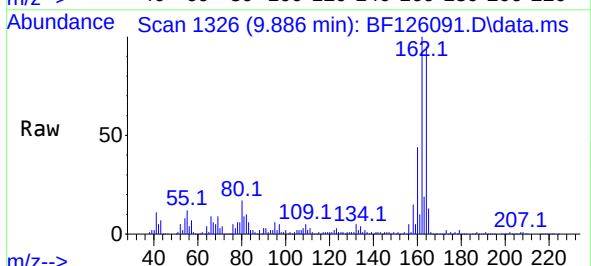
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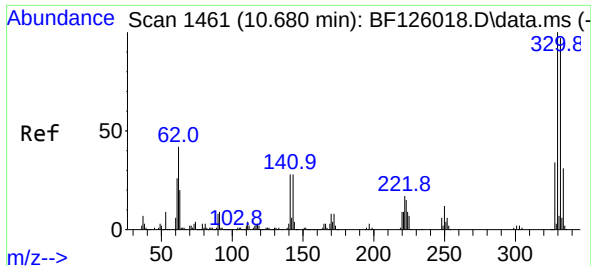
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

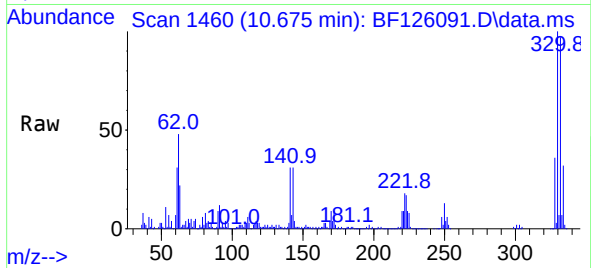
Tgt Ion:164 Resp: 343079
Ion Ratio Lower Upper
164 100
162 105.2 81.3 121.9
160 46.1 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 89.541 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

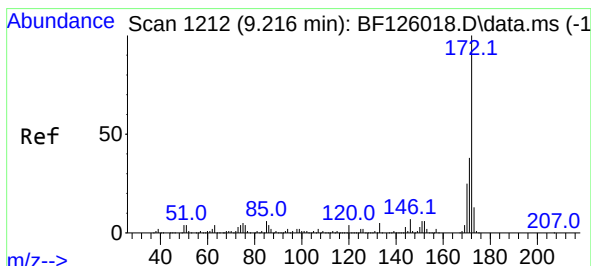
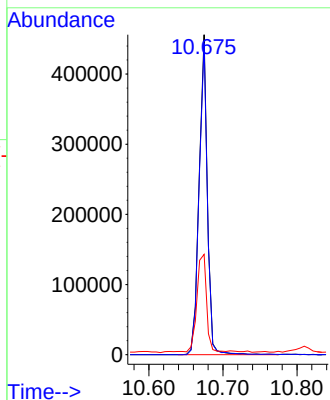
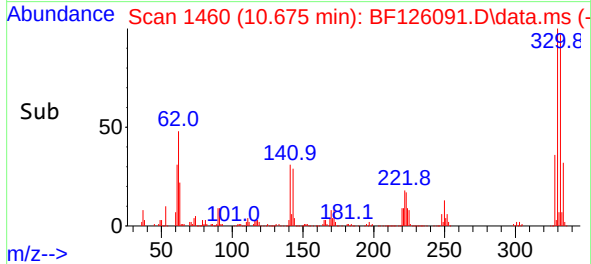
Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10



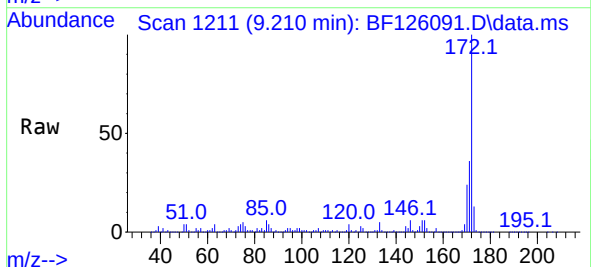
Tgt Ion:330 Resp: 352049
Ion Ratio Lower Upper
330 100
332 97.8 76.2 114.4
141 37.1 44.6 66.8

Manual Integrations
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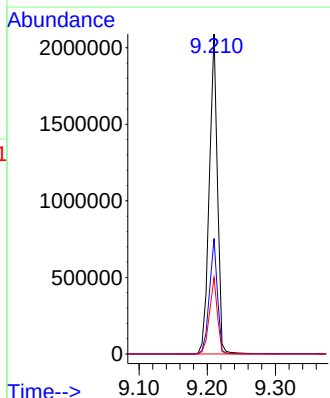
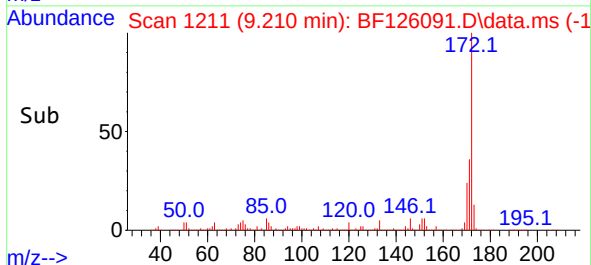
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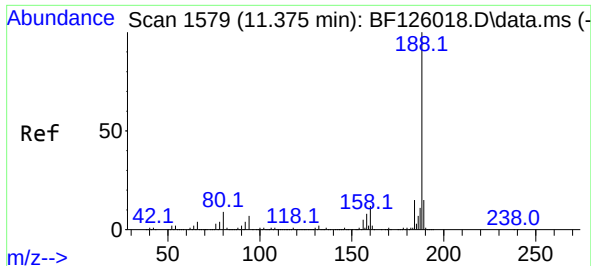


#45
2-Fluorobiphenyl
Concen: 68.759 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24



Tgt Ion:172 Resp: 1745639
Ion Ratio Lower Upper
172 100
171 36.1 26.5 39.7
170 23.9 18.8 28.2





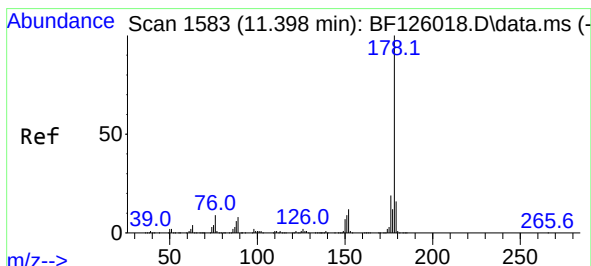
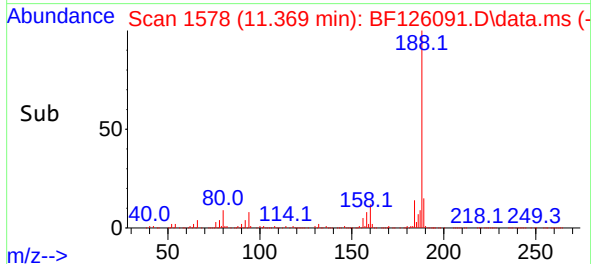
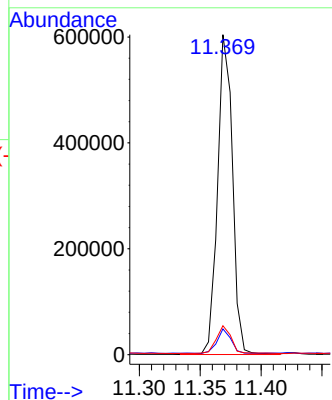
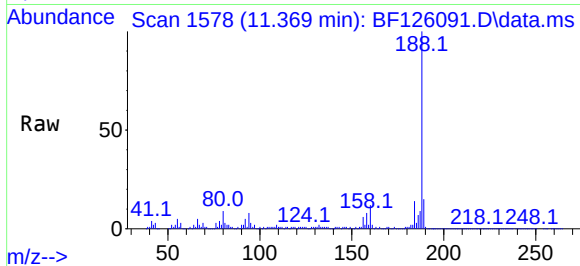
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

Tgt Ion:188 Resp: 51401
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 9.1 7.5 11.3

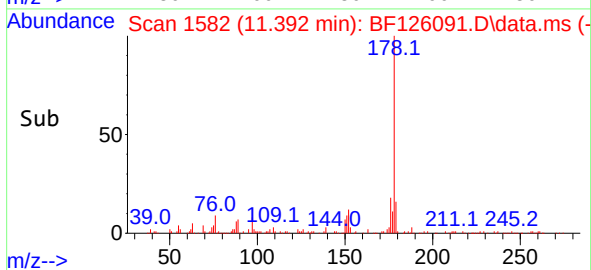
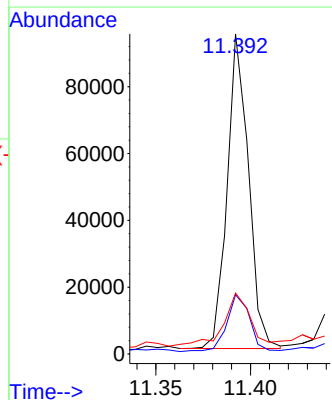
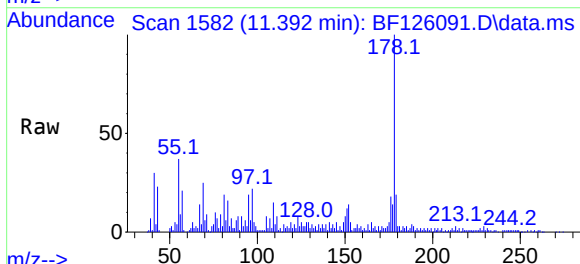
Manual Integrations
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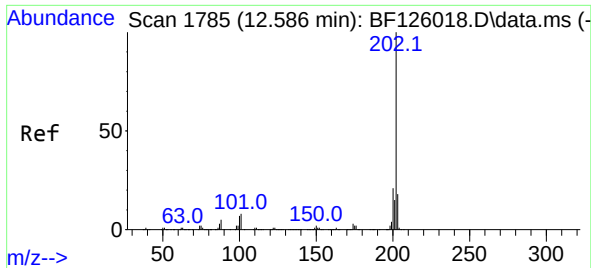
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#71
Phenanthrene
Concen: 2.641 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

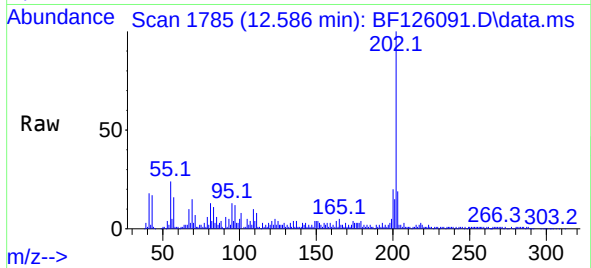
Tgt Ion:178 Resp: 73629
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 19.1 11.5 17.3#





#75
Fluoranthene
Concen: 3.739 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

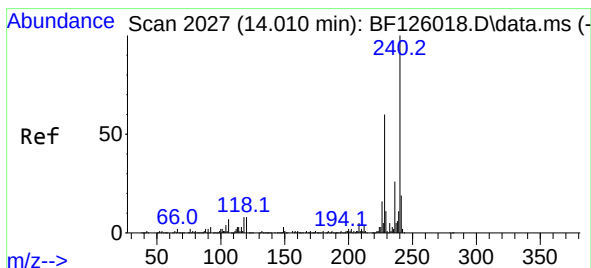
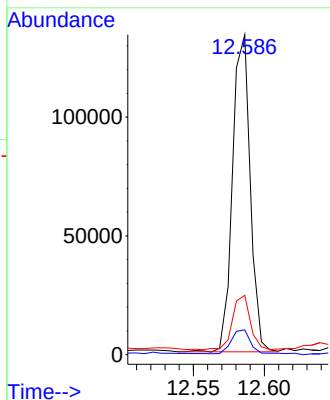
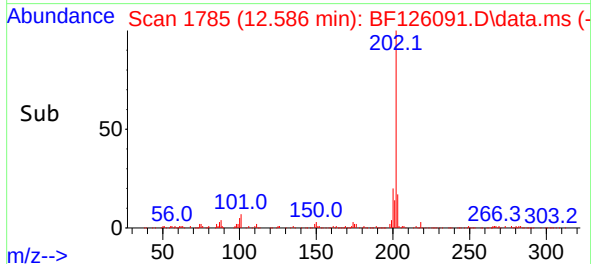
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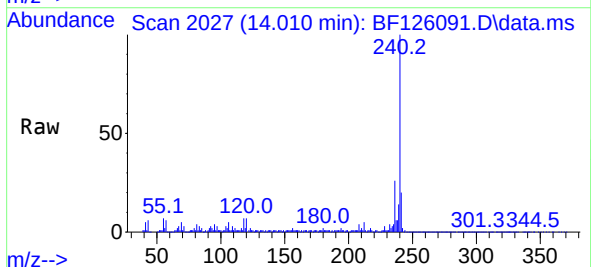
Tgt Ion:202 Resp: 116068
Ion Ratio Lower Upper
202 100
101 7.7 0.0 30.7
203 18.6 0.0 36.3

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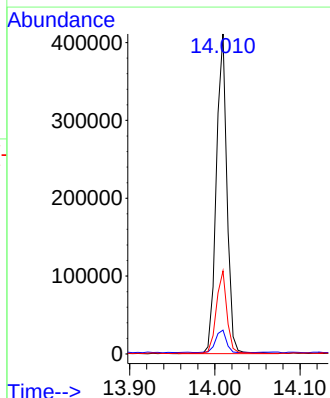
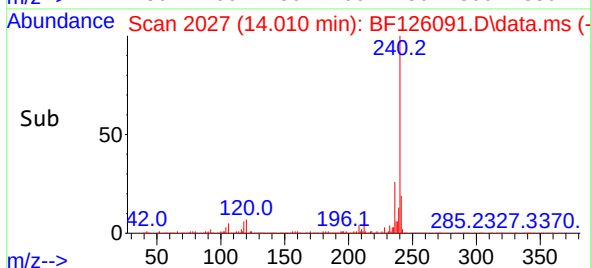
Reviewed By :Jagrut Upadhyay 11/10/2021
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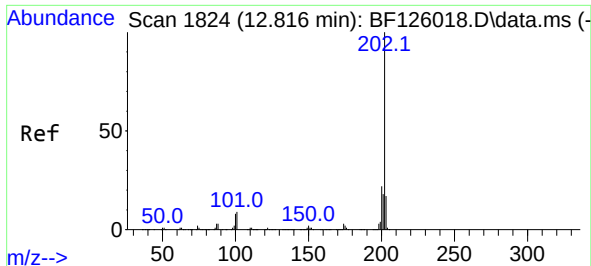


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24



Tgt Ion:240 Resp: 354684
Ion Ratio Lower Upper
240 100
120 7.5 10.8 16.2#
236 25.9 21.6 32.4





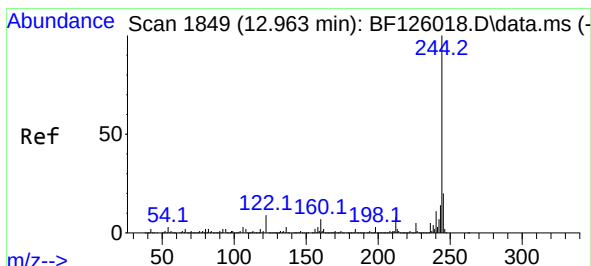
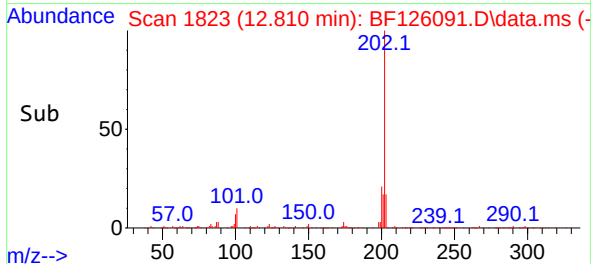
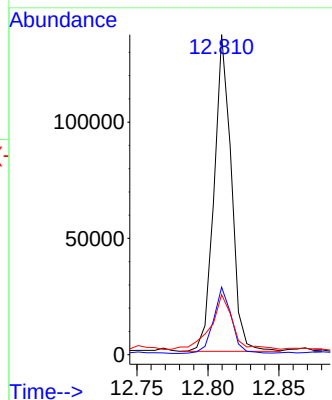
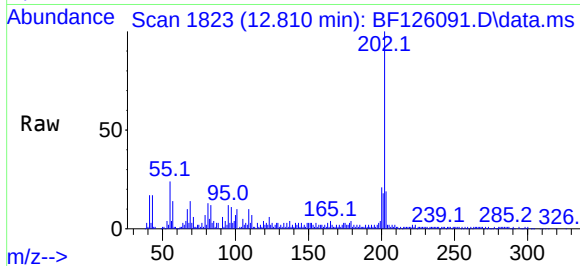
#78
Pyrene
Concen: 4.021 ng
RT: 12.810 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

Tgt Ion:202 Resp: 114384
Ion Ratio Lower Upper
202 100
200 21.1 15.3 22.9
203 18.8 13.4 20.0

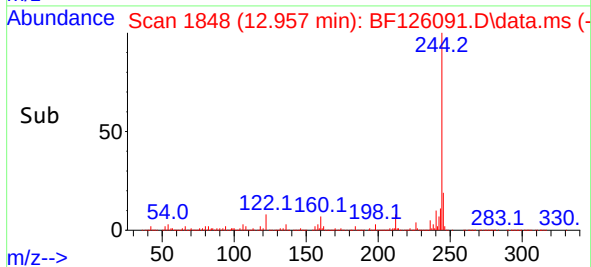
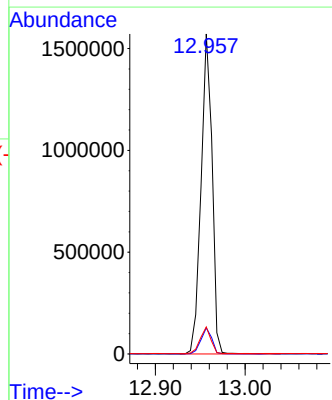
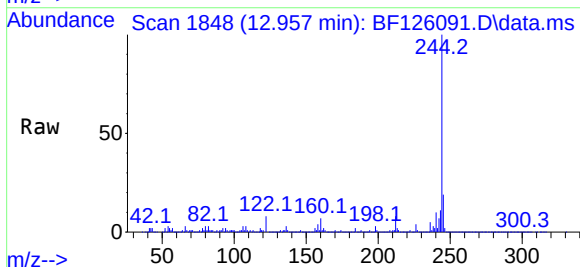
Manual Integrations
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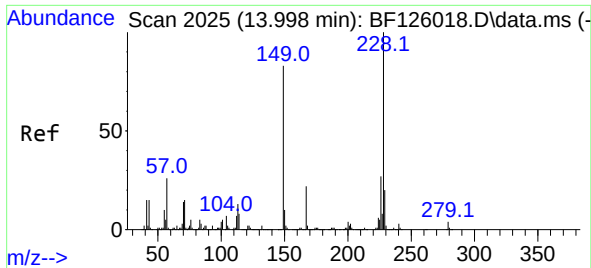
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#79
Terphenyl-d14
Concen: 61.048 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

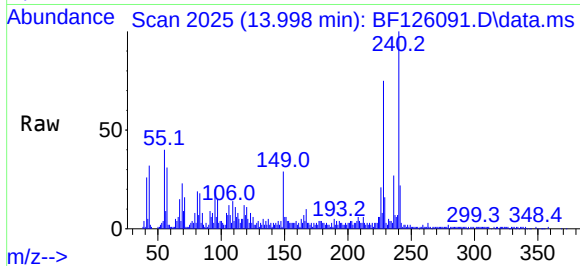
Tgt Ion:244 Resp: 1342778
Ion Ratio Lower Upper
244 100
212 8.2 5.9 8.9
122 8.5 9.0 13.4#





#81
Benzo(a)anthracene
Concen: 2.469 ng m
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

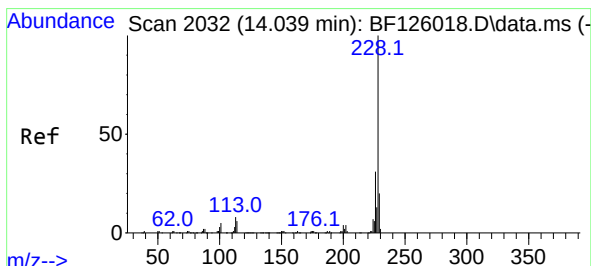
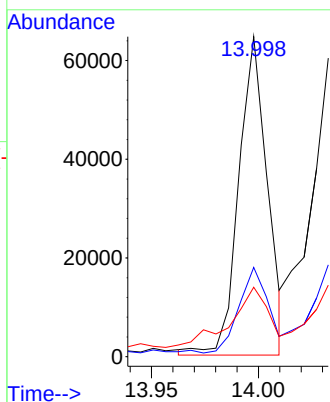
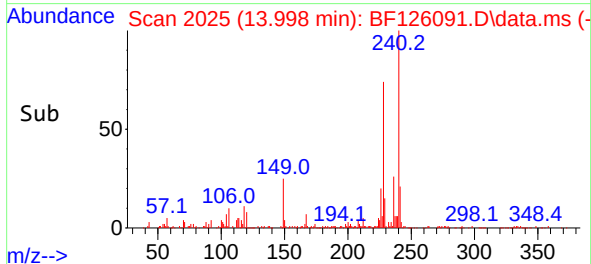
Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10



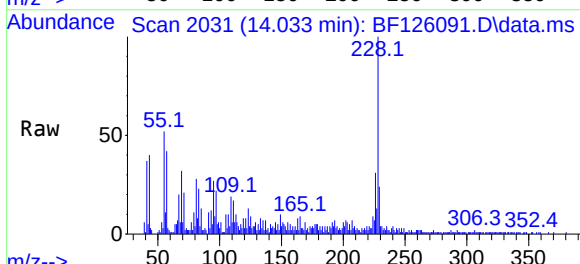
Tgt Ion:228 Resp: 60169
Ion Ratio Lower Upper
228 100
226 27.9 21.6 32.4
229 21.7 15.6 23.4

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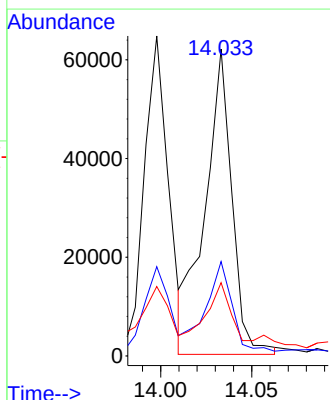
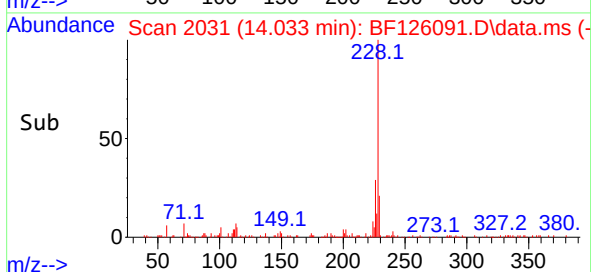
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

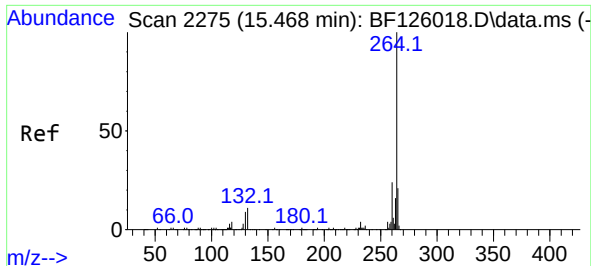


#83
Chrysene
Concen: 2.816 ng m
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24



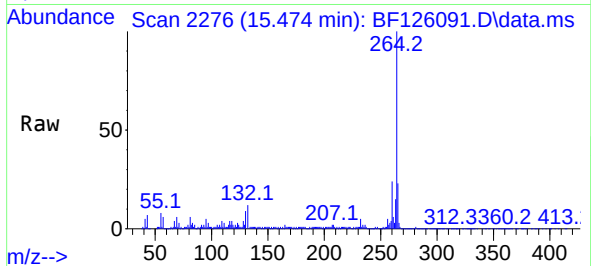
Tgt Ion:228 Resp: 63852
Ion Ratio Lower Upper
228 100
226 30.8 22.6 34.0
229 23.9 15.9 23.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

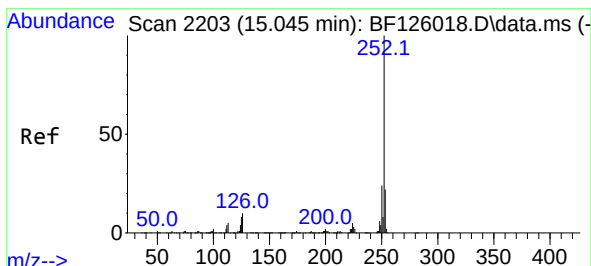
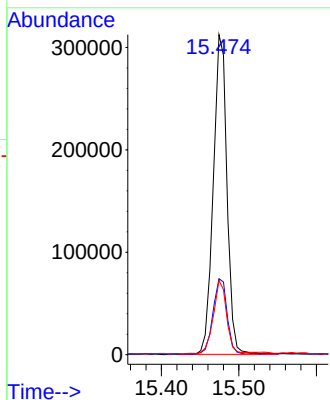
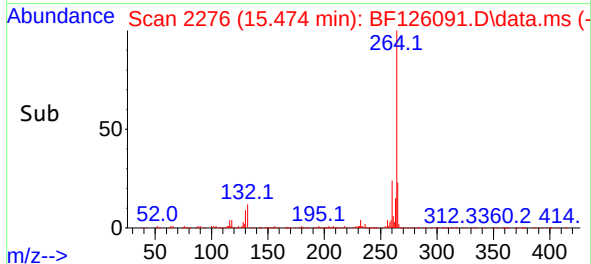
Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10



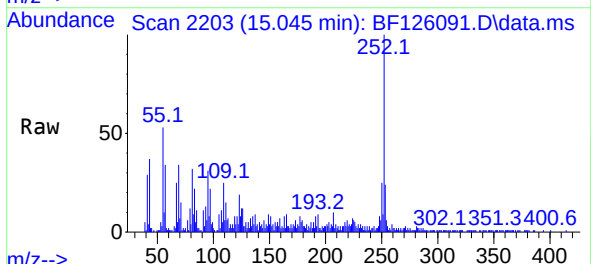
Tgt Ion:264 Resp: 384570
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 23.3 17.2 25.8

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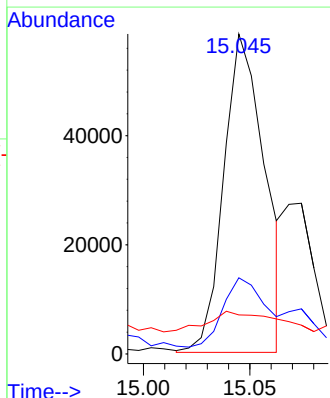
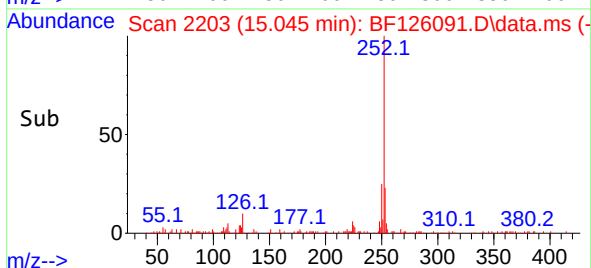
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

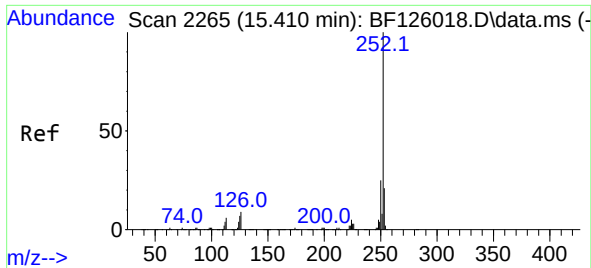


#88
Benzo(b)fluoranthene
Concen: 3.125 ng m
RT: 15.045 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24



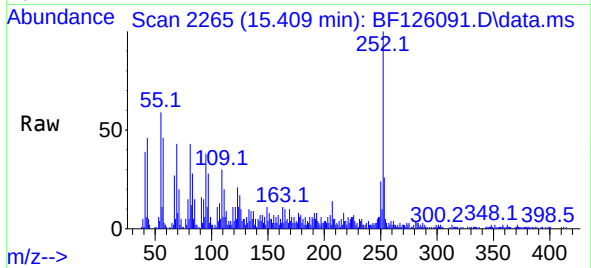
Tgt Ion:252 Resp: 78159
Ion Ratio Lower Upper
252 100
253 23.8 16.8 25.2
125 12.2 9.8 14.8





#90
Benzo(a)pyrene
Concen: 2.512 ng
RT: 15.409 min Scan# 21
Delta R.T. -0.001 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10



Tgt Ion:252 Resp: 49498
Ion Ratio Lower Upper
252 100
253 26.3 18.4 27.6
125 16.8 9.9 14.9

Manual Integrations
APPROVED

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

