

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
 Data File : BF126112.D
 Acq On : 10 Nov 2021 17:42
 Operator : JU/CG
 Sample : M4523-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VWE-B4-110421-20-30

Quant Time: Nov 11 09:30:41 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 11/11/2021
 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	150928	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	494821	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	243456	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	395786	20.000	ng	0.00
76) Chrysene-d12	14.016	240	344890	20.000	ng	# 0.00
86) Perylene-d12	15.480	264	285451	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	876117	99.686	ng	0.01
7) Phenol-d6	6.481	99	1080116	87.181	ng	0.00
23) Nitrobenzene-d5	7.416	82	767157	73.116	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	246977	88.522	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1239198	68.785	ng	0.00
79) Terphenyl-d14	12.957	244	1097491	51.314	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	77578	3.614	ng	99
75) Fluoranthene	12.592	202	144941	6.064	ng	94
78) Pyrene	12.816	202	136931	4.951	ng	98
81) Benzo(a)anthracene	14.004	228	70738	2.986	ng	95
83) Chrysene	14.039	228	74958m	3.400	ng	
84) Bis(2-ethylhexyl)phtha...	13.998	149	38920	2.787	ng	# 96
88) Benzo(b)fluoranthene	15.051	252	76381m	4.114	ng	
90) Benzo(a)pyrene	15.415	252	50893	3.479	ng	97

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

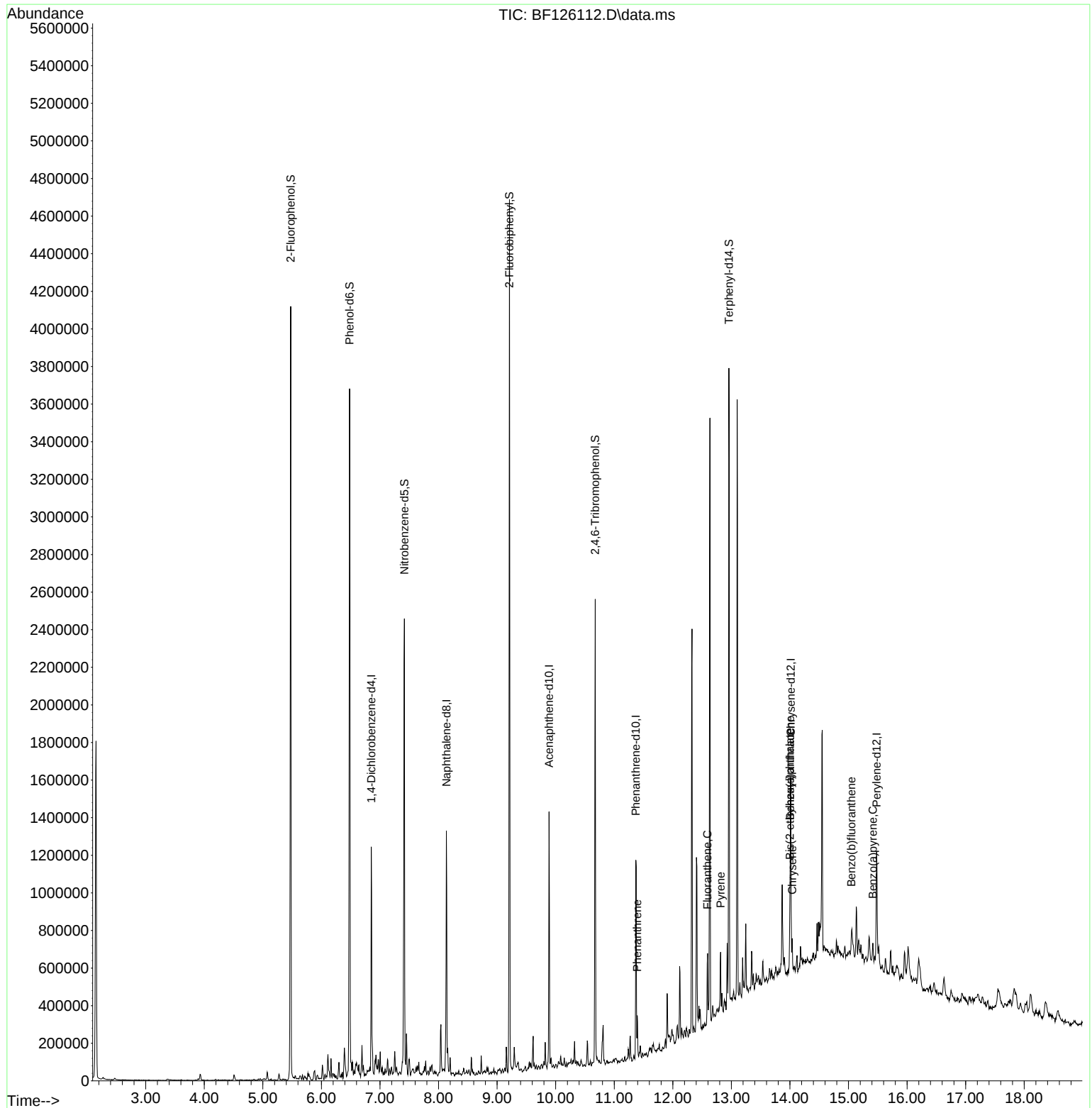
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
Data File : BF126112.D
Acq On : 10 Nov 2021 17:42
Operator : JU/CG
Sample : M4523-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

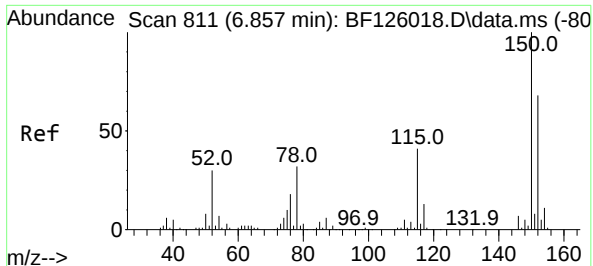
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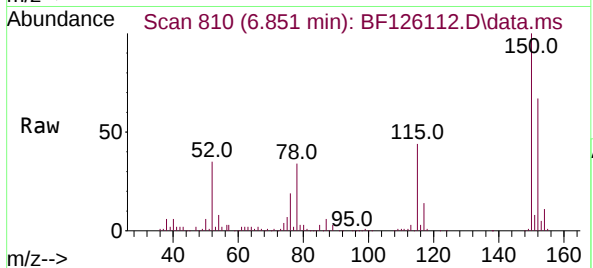
Reviewed By :Jagrut Upadhyay 11/11/2021
Supervised By :mohammad ahmed 11/11/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126112.D
Acq: 10 Nov 2021 17:42

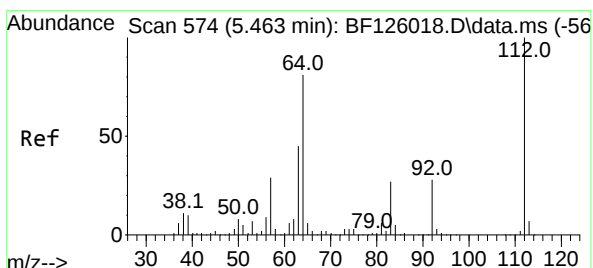
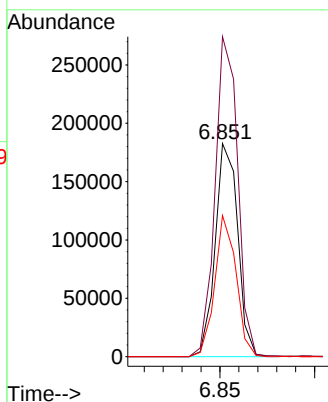
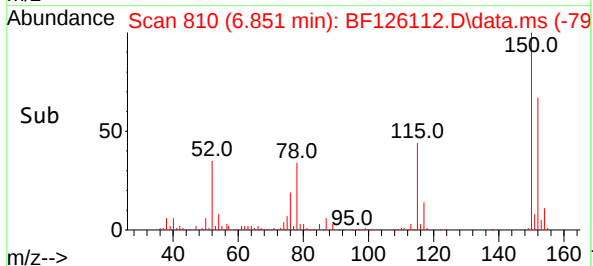
Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-20-30



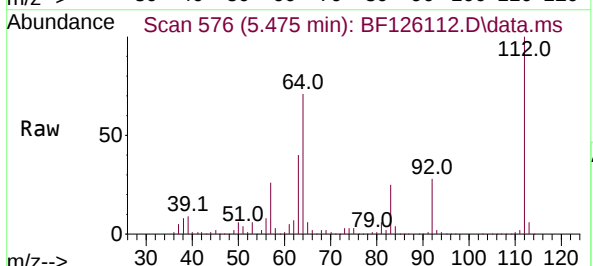
Tgt Ion:152 Resp: 150928
Ion Ratio Lower Upper
152 100
150 150.1 117.6 176.4
115 66.2 47.1 70.7

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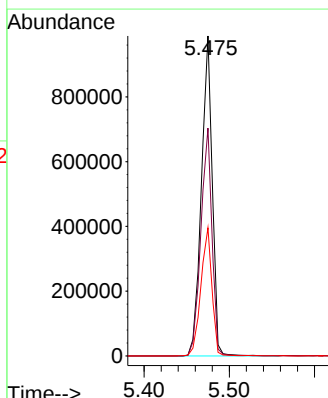
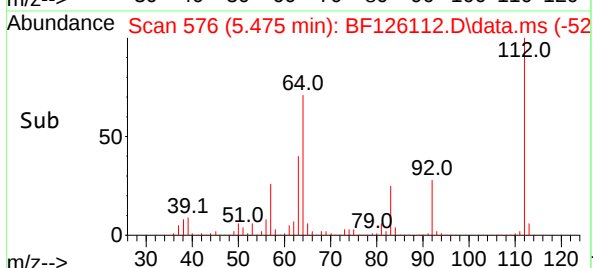
Reviewed By :Jagrut Upadhyay 11/11/2021
Supervised By :mohammad ahmed 11/11/2021

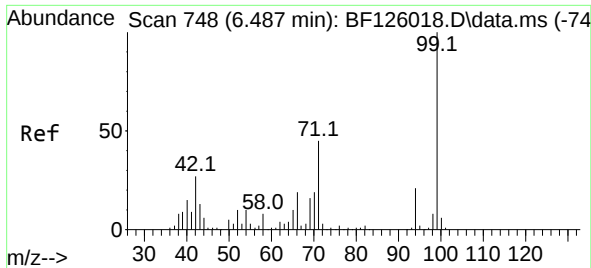


#5
2-Fluorophenol
Concen: 99.686 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF126112.D
Acq: 10 Nov 2021 17:42



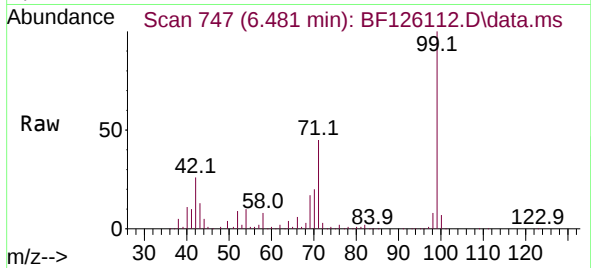
Tgt Ion:112 Resp: 876117
Ion Ratio Lower Upper
112 100
64 71.2 44.2 66.2#
63 40.1 26.2 39.2#





#7
Phenol-d6
Concen: 87.181 ng
RT: 6.481 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF126112.D
Acq: 10 Nov 2021 17:42

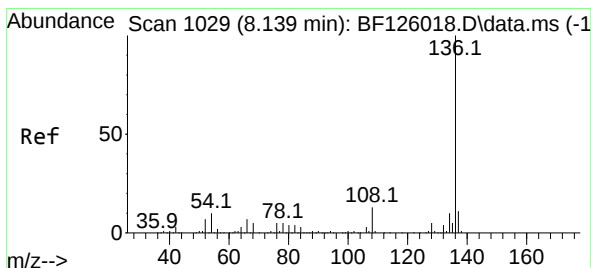
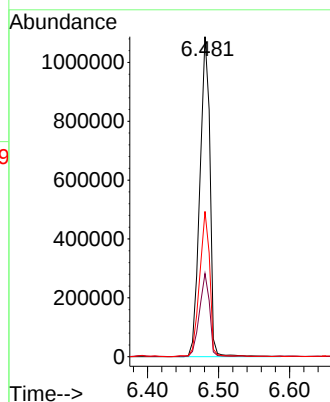
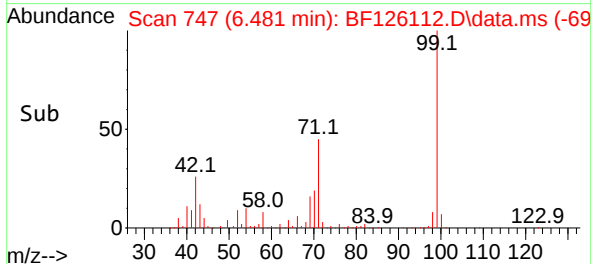
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1080110
Ion Ratio Lower Upper
99 100
42 26.0 23.5 35.3
71 45.4 25.6 38.4

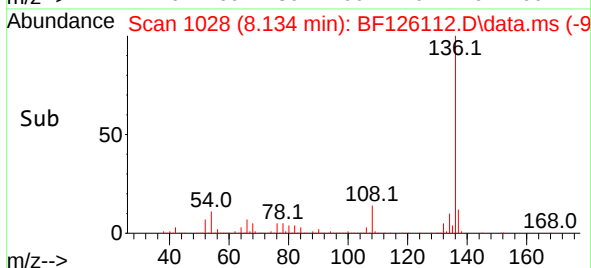
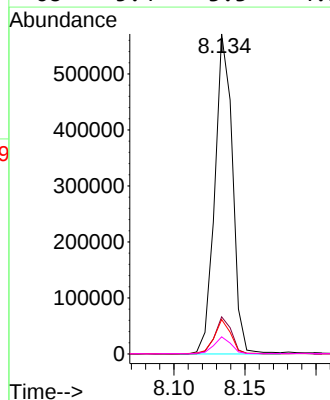
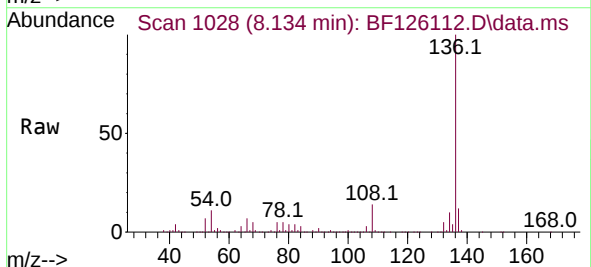
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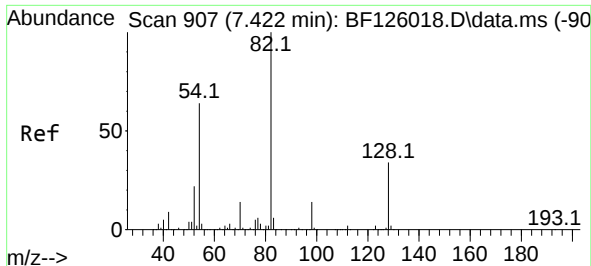
Reviewed By :Jagrut Upadhyay 11/11/2021
Supervised By :mohammad ahmed 11/11/2021



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF126112.D
Acq: 10 Nov 2021 17:42

Tgt Ion:136 Resp: 494821
Ion Ratio Lower Upper
136 100
137 11.6 9.8 14.6
54 10.7 6.4 9.6#
68 5.4 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 73.116 ng

RT: 7.416 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF126112.D

Acq: 10 Nov 2021 17:42

Instrument :

BNA_F

ClientSampleId :

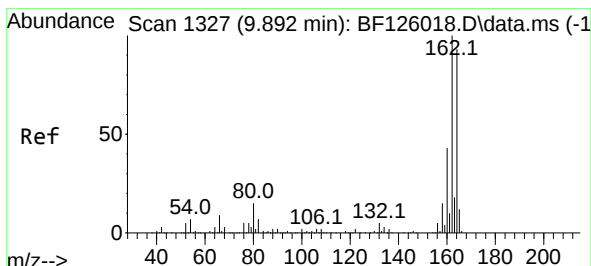
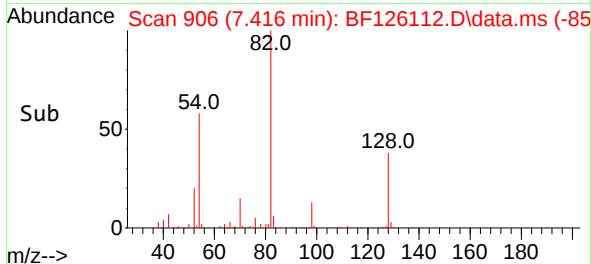
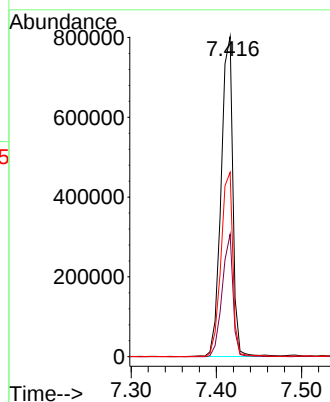
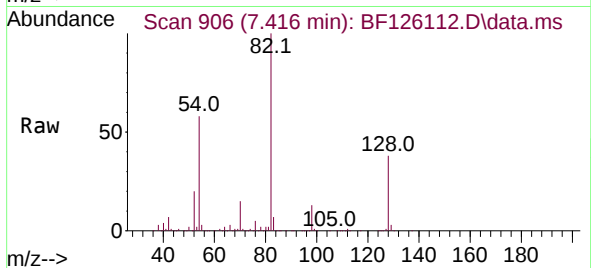
VWE-B4-110421-20-30

Tgt Ion:	82	Resp:	76715
Ion Ratio	Lower	Upper	
82	100		
128	38.2	40.6	60.8
54	57.6	49.6	74.4

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#39

Acenaphthene-d10

Concen: 20.000 ng

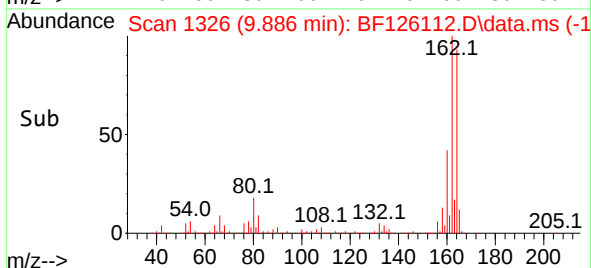
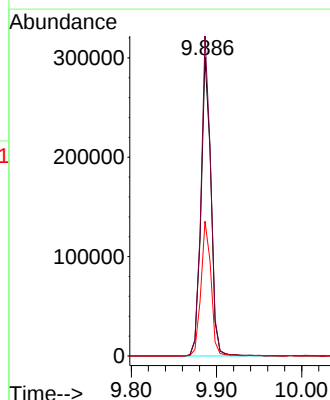
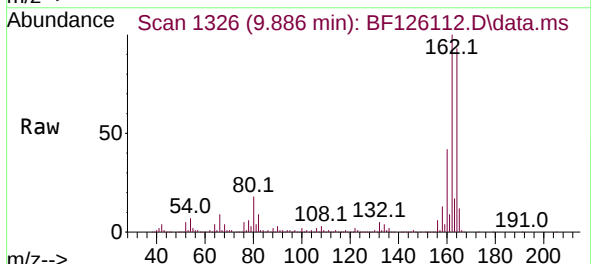
RT: 9.886 min Scan# 1326

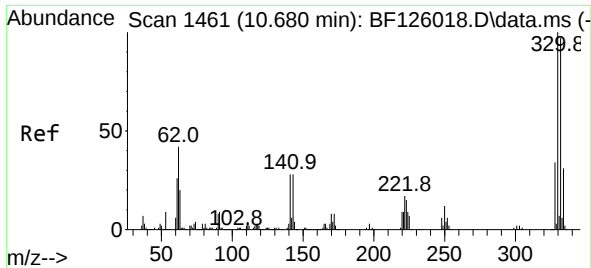
Delta R.T. -0.006 min

Lab File: BF126112.D

Acq: 10 Nov 2021 17:42

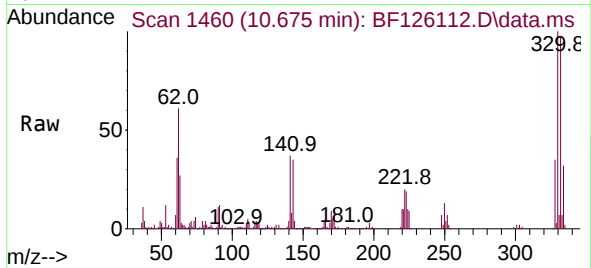
Tgt Ion:	164	Resp:	243456
Ion Ratio	Lower	Upper	
164	100		
162	107.0	81.3	121.9
160	45.1	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 88.522 ng
RT: 10.675 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF126112.D
Acq: 10 Nov 2021 17:42

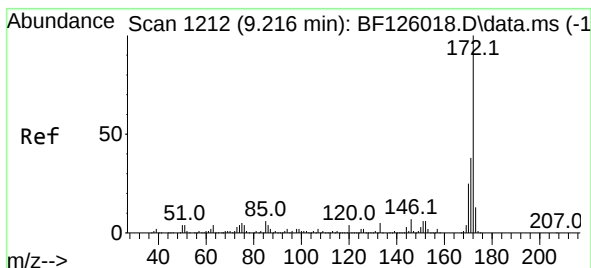
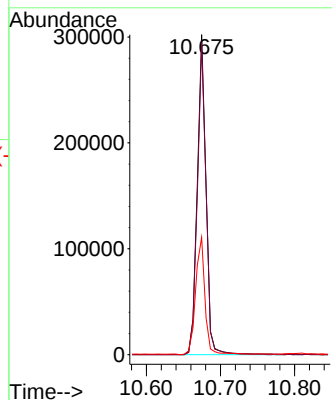
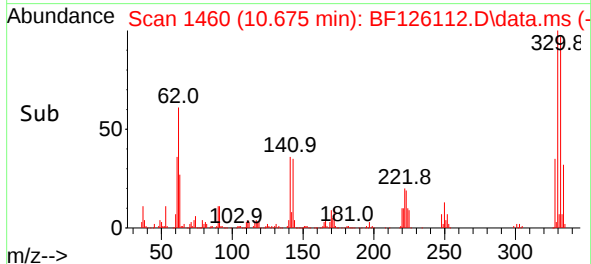
Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-20-30



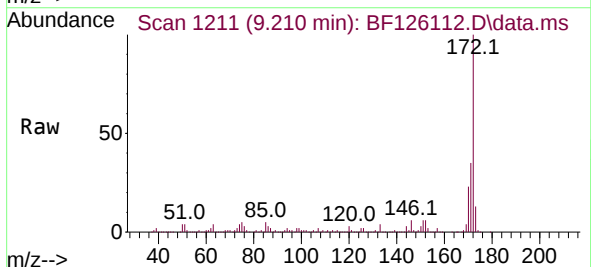
Tgt Ion: 330 Resp: 246977
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 39.5 44.6 66.8

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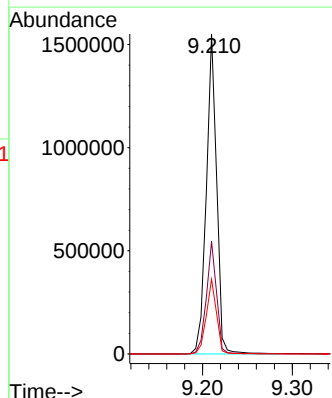
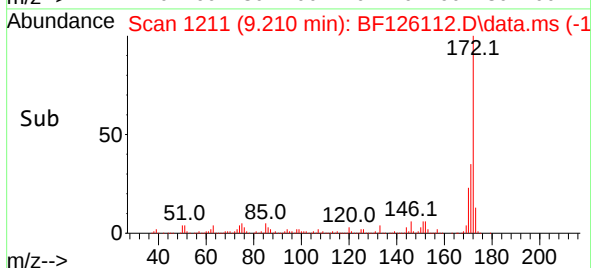
Reviewed By : Jagrut Upadhyay 11/11/2021
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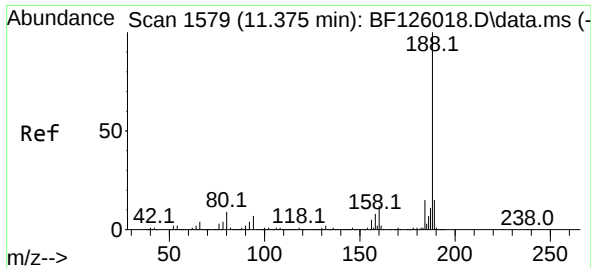


#45
2-Fluorobiphenyl
Concen: 68.785 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126112.D
Acq: 10 Nov 2021 17:42



Tgt Ion: 172 Resp: 1239198
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.4 18.8 28.2





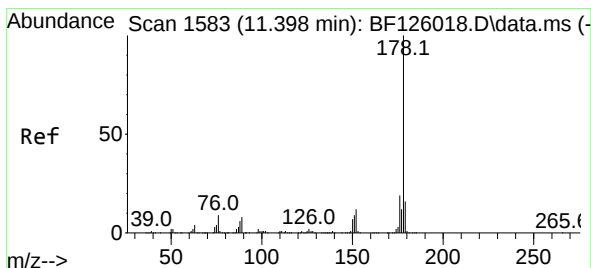
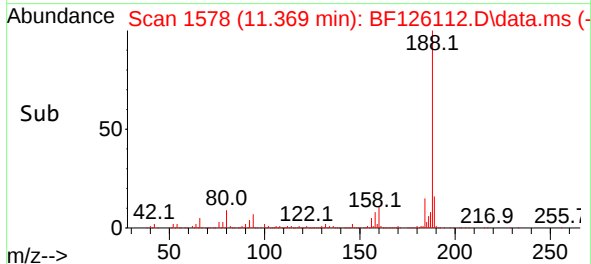
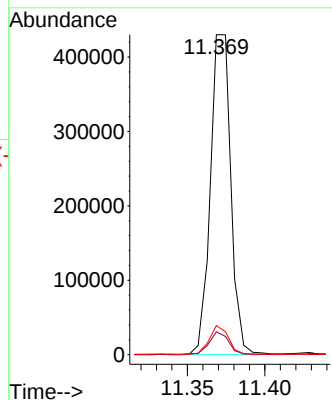
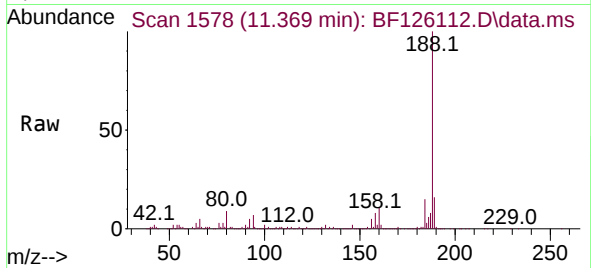
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126112.D
Acq: 10 Nov 2021 17:42

Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-20-30

Tgt Ion:188 Resp: 395780
Ion Ratio Lower Upper
188 100
94 7.2 6.7 10.1
80 9.1 7.5 11.3

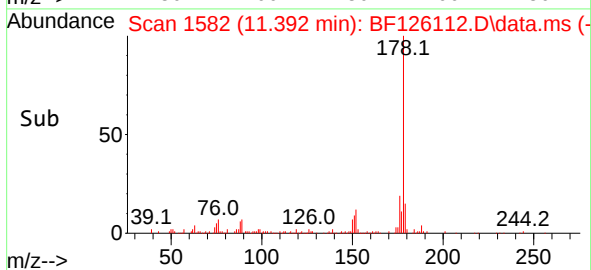
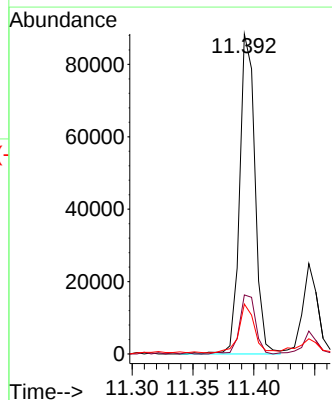
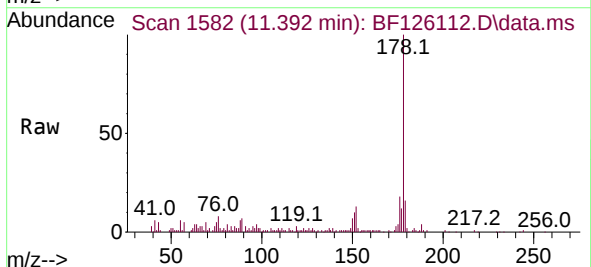
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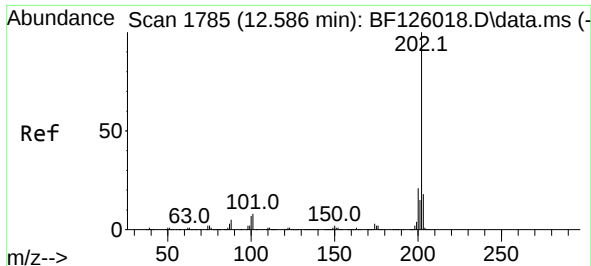
Reviewed By :Jagrut Upadhyay 11/11/2021
Supervised By :mohammad ahmed 11/11/2021



#71
Phenanthrene
Concen: 3.614 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF126112.D
Acq: 10 Nov 2021 17:42

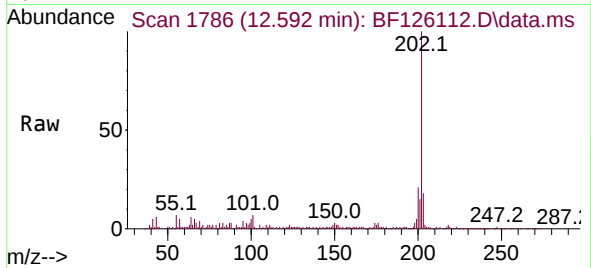
Tgt Ion:178 Resp: 77578
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.6 11.5 17.3





#75
Fluoranthene
Concen: 6.064 ng
RT: 12.592 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126112.D
Acq: 10 Nov 2021 17:42

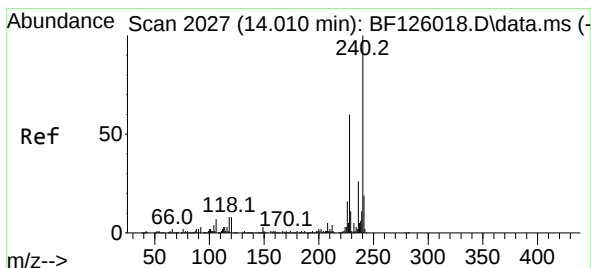
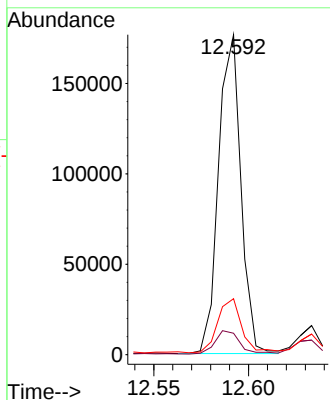
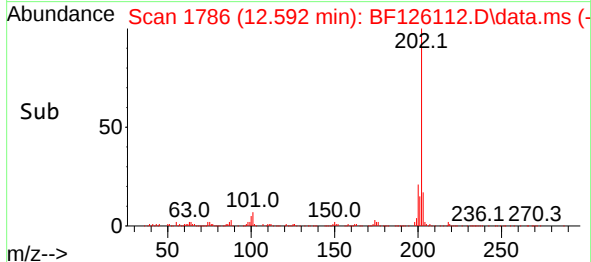
Instrument :
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VWE-B4-110421-20-30



Tgt Ion:202 Resp: 14494
Ion Ratio Lower Upper
202 100
101 6.7 0.0 30.7
203 17.5 0.0 36.3

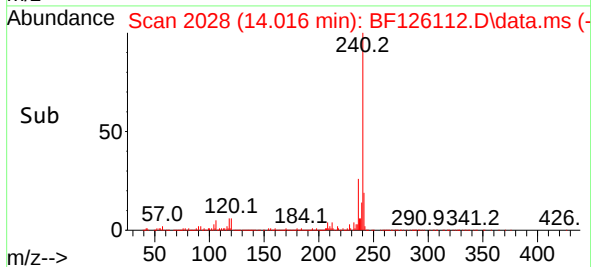
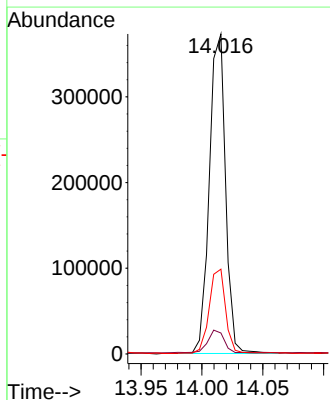
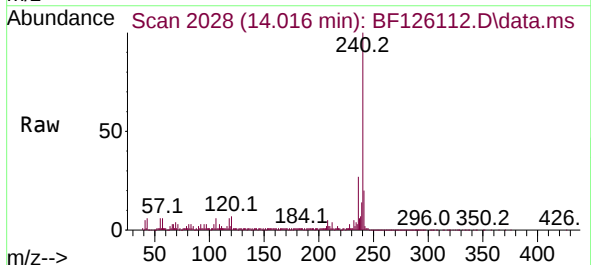
Manual Integrations
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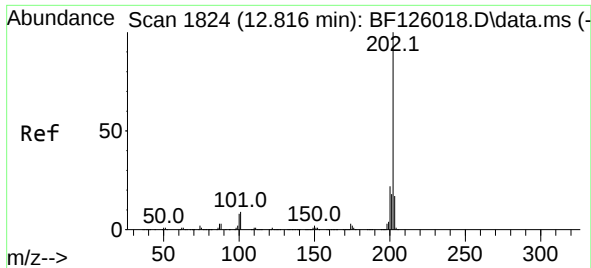
Reviewed By :Jagrut Upadhyay 11/11/2021
Supervised By :mohammad ahmed 11/11/2021



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF126112.D
Acq: 10 Nov 2021 17:42

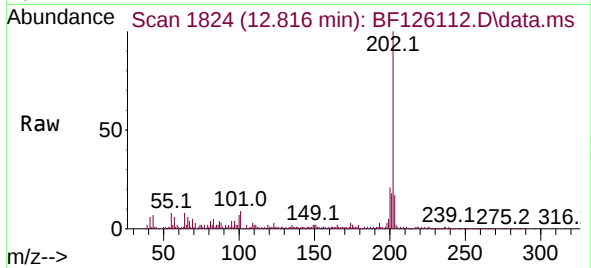
Tgt Ion:240 Resp: 344890
Ion Ratio Lower Upper
240 100
120 6.6 10.8 16.2#
236 26.5 21.6 32.4





#78
Pyrene
Concen: 4.951 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF126112.D
Acq: 10 Nov 2021 17:42

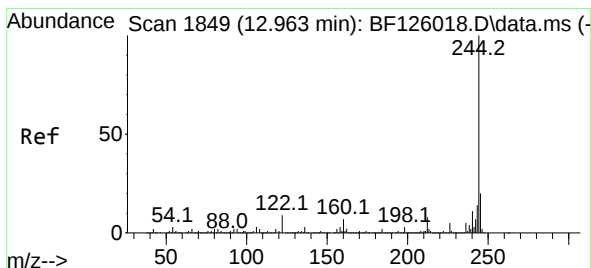
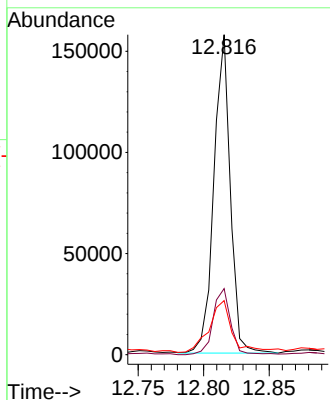
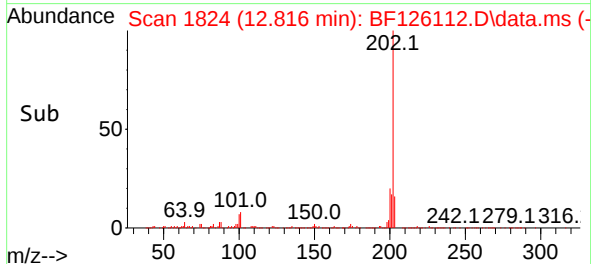
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VWE-B4-110421-20-30



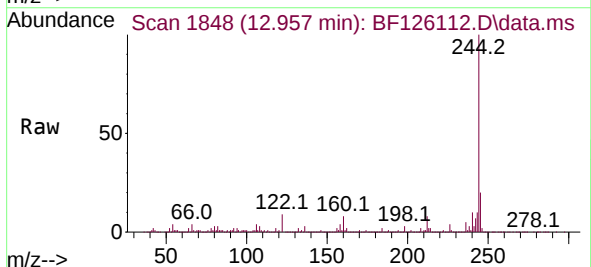
Tgt Ion:202 Resp: 13693
Ion Ratio Lower Upper
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200 20.7 15.3 22.9
203 16.9 13.4 20.0

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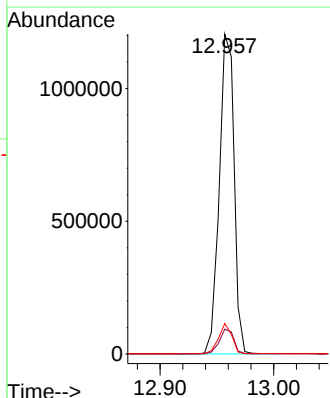
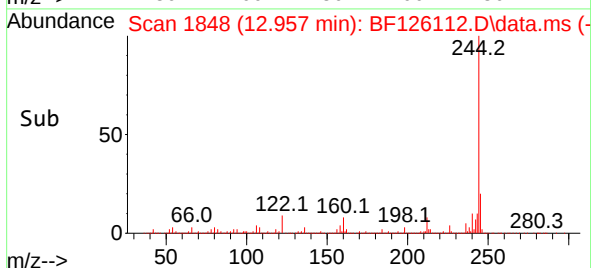
Reviewed By :Jagrut Upadhyay 11/11/2021
Supervised By :mohammad ahmed 11/11/2021

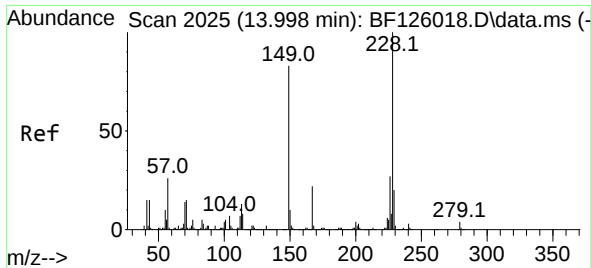


#79
Terphenyl-d14
Concen: 51.314 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF126112.D
Acq: 10 Nov 2021 17:42



Tgt Ion:244 Resp: 1097491
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 9.5 9.0 13.4





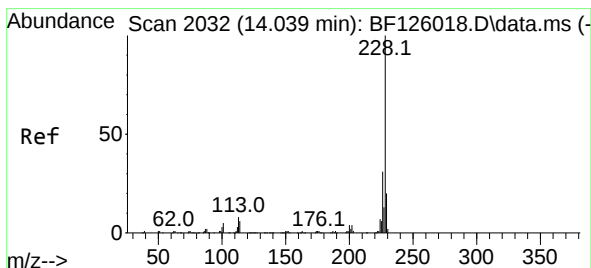
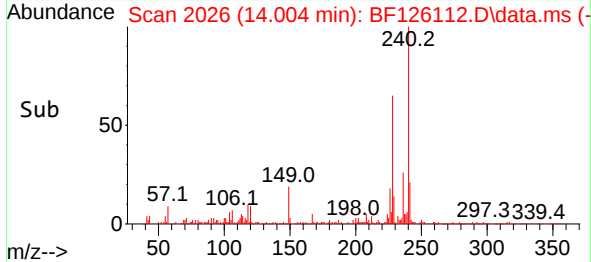
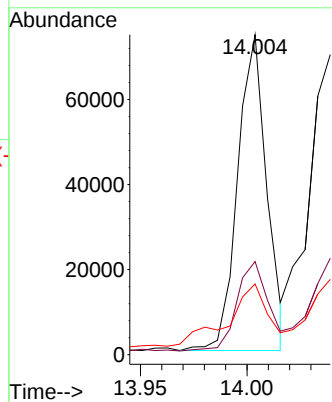
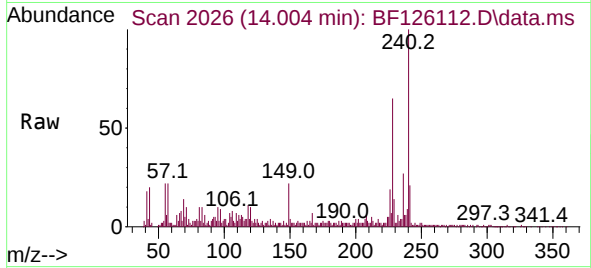
#81
Benzo(a)anthracene
Concen: 2.986 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF126112.D
Acq: 10 Nov 2021 17:42

Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-20-30

Tgt Ion:228 Resp: 70738
Ion Ratio Lower Upper
228 100
226 29.1 21.6 32.4
229 22.1 15.6 23.4

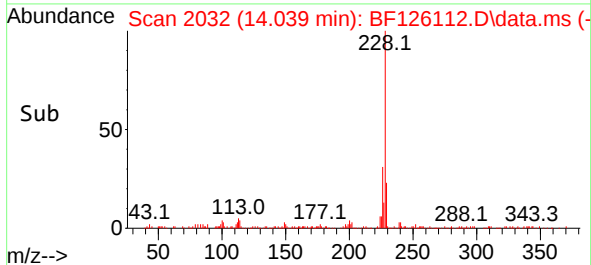
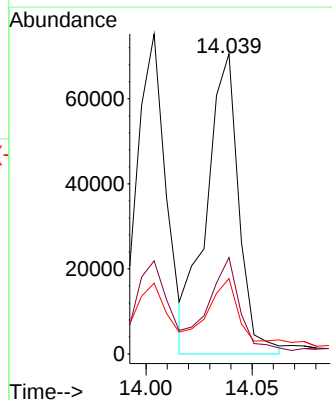
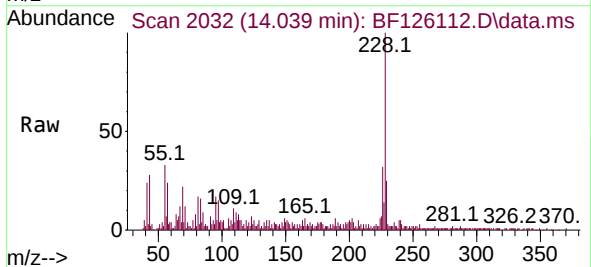
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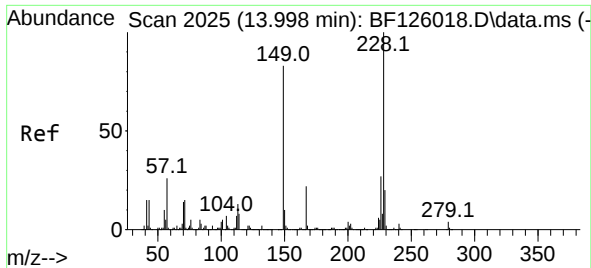
Reviewed By :Jagrut Upadhyay 11/11/2021
Supervised By :mohammad ahmed 11/11/2021



#83
Chrysene
Concen: 3.400 ng m
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF126112.D
Acq: 10 Nov 2021 17:42

Tgt Ion:228 Resp: 74958
Ion Ratio Lower Upper
228 100
226 32.2 22.6 34.0
229 25.1 15.9 23.9#





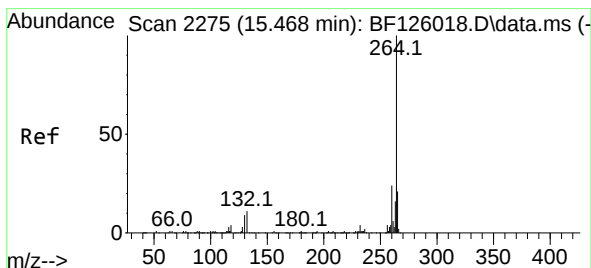
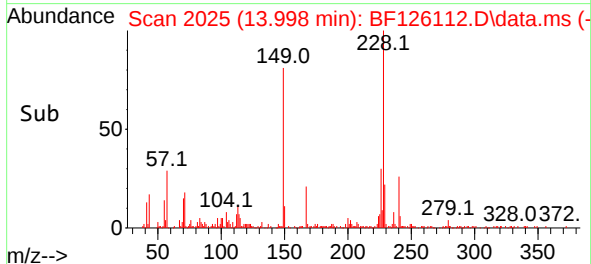
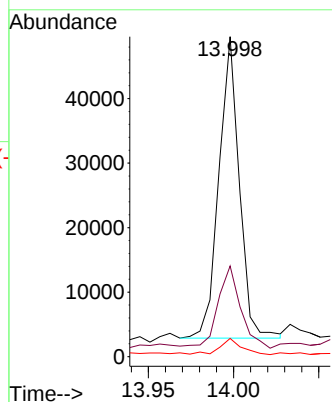
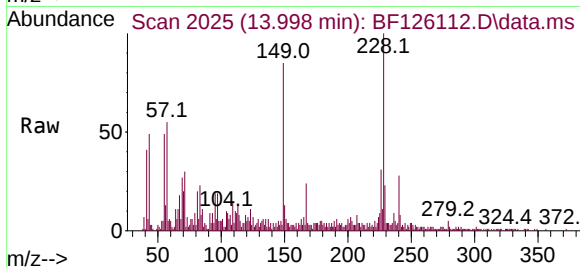
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.787 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF126112.D
Acq: 10 Nov 2021 17:42

Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-20-30

Tgt Ion:	149	Resp:	38920
Ion Ratio	Lower	Upper	
149	100		
167	28.4	21.4	32.0
279	5.7	2.6	4.0

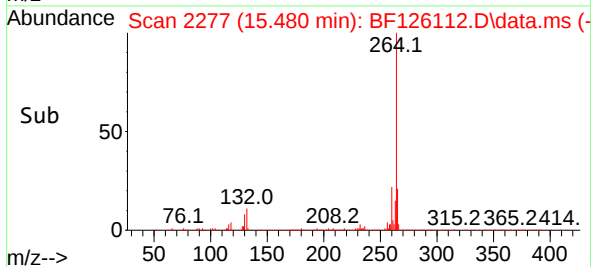
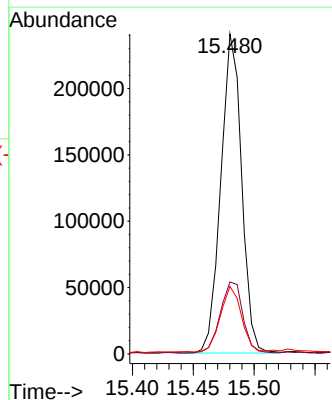
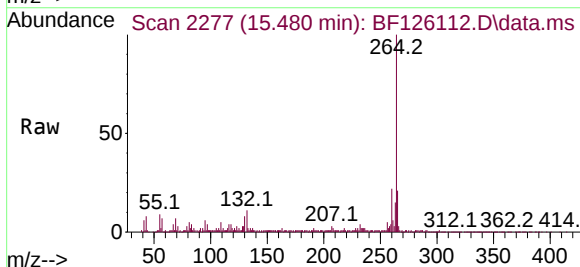
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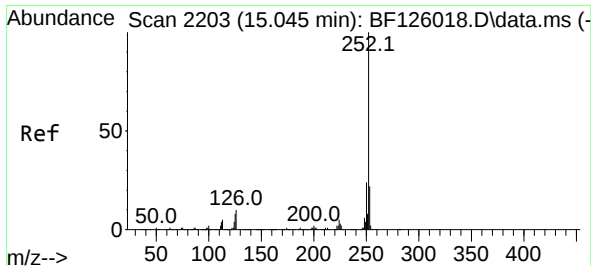
Reviewed By :Jagrut Upadhyay 11/11/2021
Supervised By :mohammad ahmed 11/11/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2277
Delta R.T. 0.012 min
Lab File: BF126112.D
Acq: 10 Nov 2021 17:42

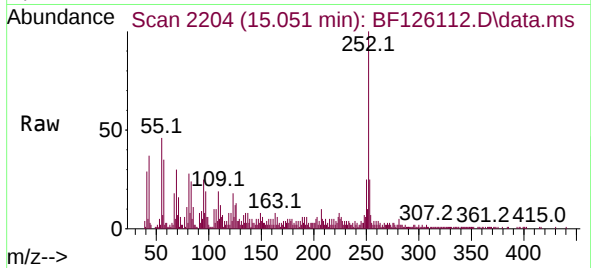
Tgt Ion:	264	Resp:	285451
Ion Ratio	Lower	Upper	
264	100		
260	22.5	19.6	29.4
265	21.1	17.2	25.8





#88
Benzo(b)fluoranthene
Concen: 4.114 ng m
RT: 15.051 min Scan# 2204
Delta R.T. 0.006 min
Lab File: BF126112.D
Acq: 10 Nov 2021 17:42

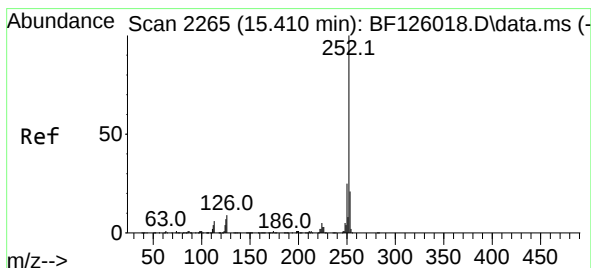
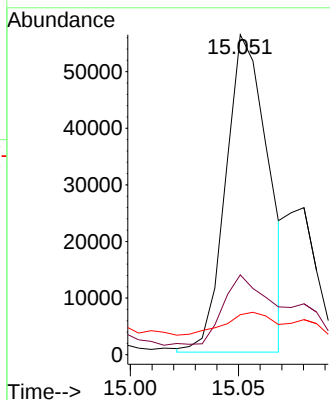
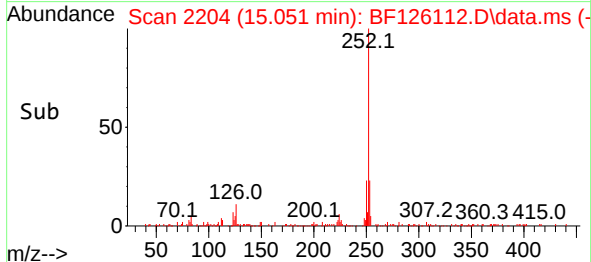
Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-20-30



Tgt Ion:252 Resp: 7638
Ion Ratio Lower Upper
252 100
253 25.0 16.8 25.2
125 12.5 9.8 14.8

Manual Integrations
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Supervised By :mohammad ahmed 11/11/2021



#90
Benzo(a)pyrene
Concen: 3.479 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.005 min
Lab File: BF126112.D
Acq: 10 Nov 2021 17:42

Tgt Ion:252 Resp: 50893
Ion Ratio Lower Upper
252 100
253 24.4 18.4 27.6
125 13.4 9.9 14.9

