

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
 Data File : BF126096.D
 Acq On : 9 Nov 2021 23:08
 Operator : JU/CG
 Sample : M4523-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VWE-B4-110421-BD

Quant Time: Nov 10 10:05:33 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	180244	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	635902	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	337250	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	481021	20.000	ng	0.00
76) Chrysene-d12	14.010	240	378985	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	328476	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1007327	95.973	ng	0.00
7) Phenol-d6	6.481	99	1263370	85.387	ng	0.00
23) Nitrobenzene-d5	7.416	82	928184	68.837	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	327269	84.677	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1632930	65.432	ng	0.00
79) Terphenyl-d14	12.957	244	1207082	51.360	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	117383	4.500	ng	99
75) Fluoranthene	12.598	202	168824	5.812	ng	94
78) Pyrene	12.816	202	151981	5.001	ng	97
81) Benzo(a)anthracene	13.998	228	78314	3.008	ng	99
83) Chrysene	14.033	228	73105	3.018	ng	95
84) Bis(2-ethylhexyl)phtha...	13.992	149	43369	2.827	ng	# 99
88) Benzo(b)fluoranthene	15.045	252	79910m	3.740	ng	
90) Benzo(a)pyrene	15.409	252	54316	3.227	ng	96

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

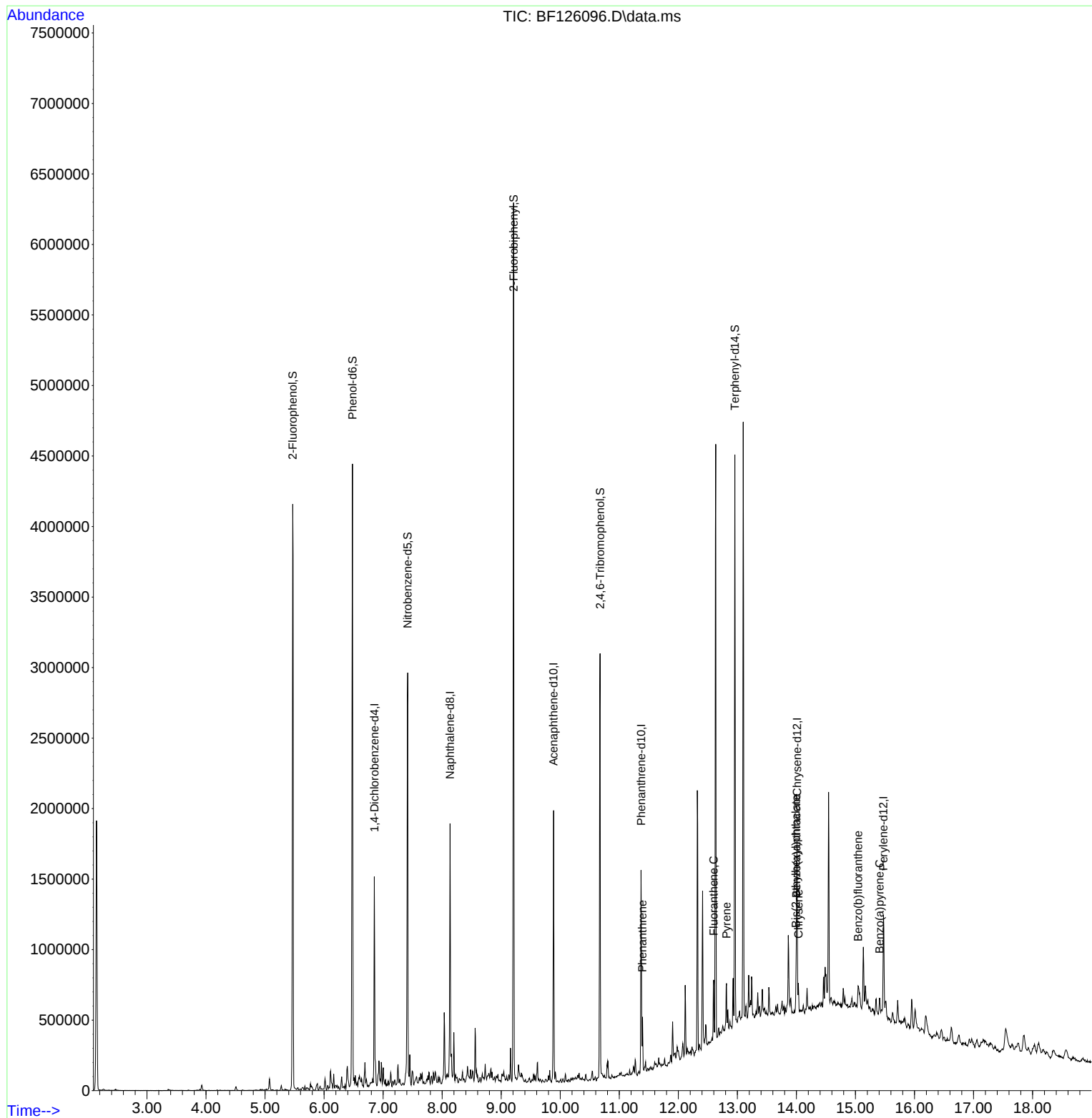
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126096.D
Acq On : 9 Nov 2021 23:08
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Misc :
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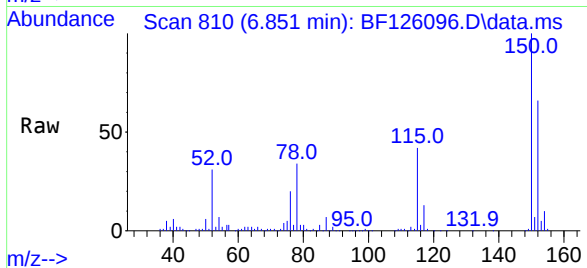
Quant Time: Nov 10 10:05:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126096.D
Acq: 9 Nov 2021 23:08

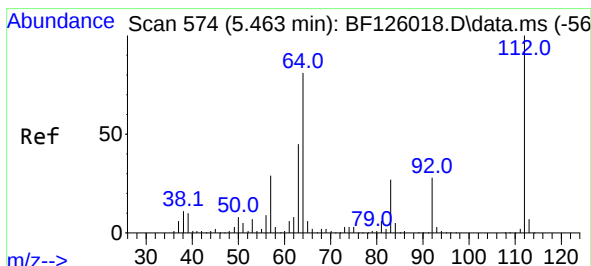
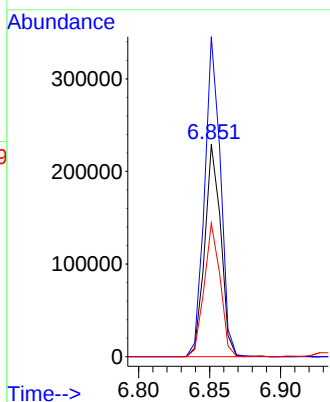
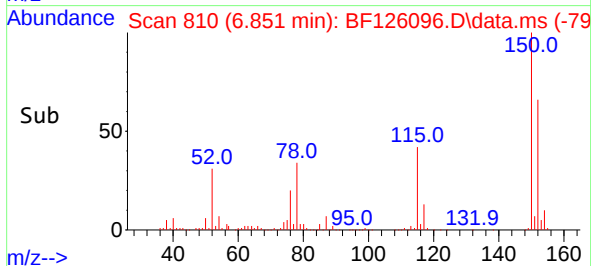
Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-BD



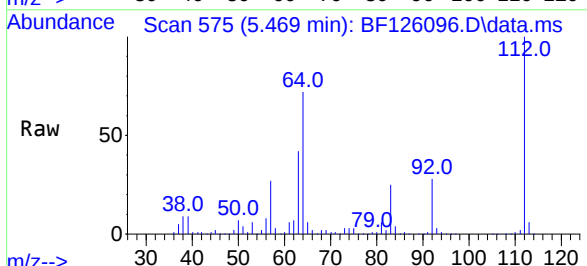
Tgt Ion:152 Resp: 180244
Ion Ratio Lower Upper
152 100
150 150.7 117.6 176.4
115 62.9 47.1 70.7

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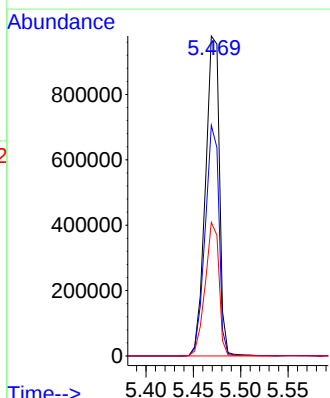
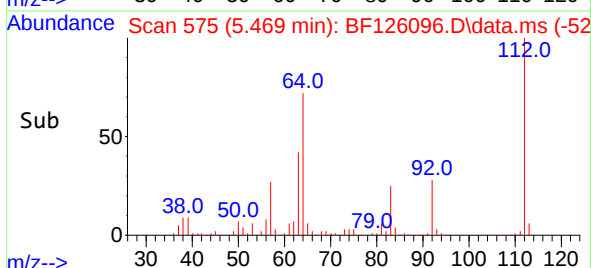
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

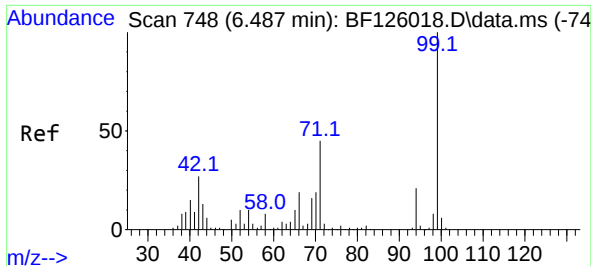


#5
2-Fluorophenol
Concen: 95.973 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF126096.D
Acq: 9 Nov 2021 23:08



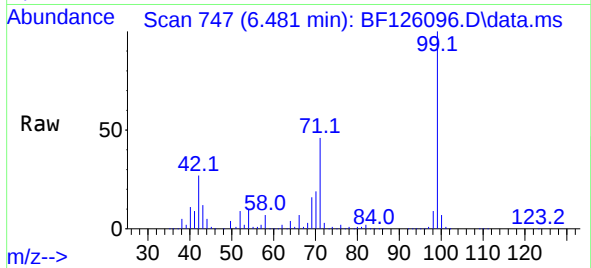
Tgt Ion:112 Resp: 1007327
Ion Ratio Lower Upper
112 100
64 72.1 44.2 66.2#
63 41.8 26.2 39.2#





#7
Phenol-d6
Concen: 85.387 ng
RT: 6.481 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF126096.D
Acq: 9 Nov 2021 23:08

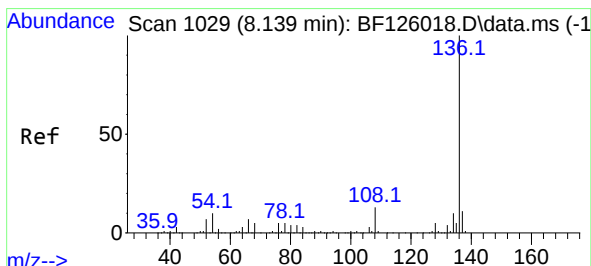
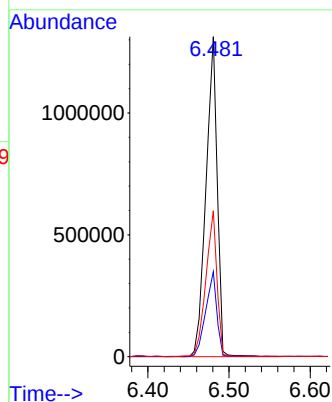
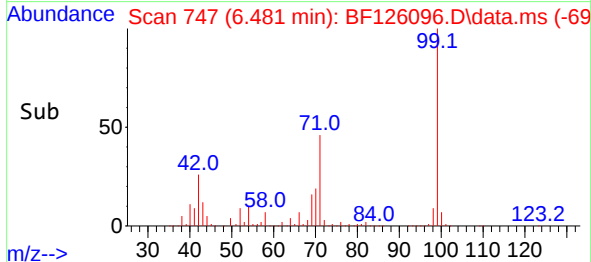
Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-BD



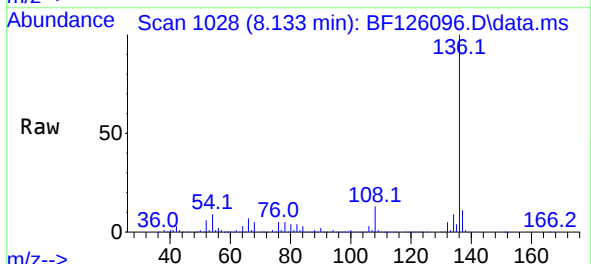
Tgt Ion: 99 Resp: 1263370
Ion Ratio Lower Upper
99 100
42 26.5 23.5 35.3
71 45.6 25.6 38.4

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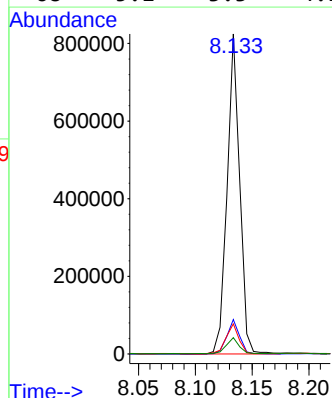
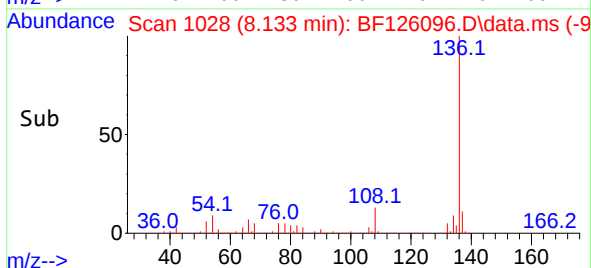
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126096.D
Acq: 9 Nov 2021 23:08



Tgt Ion:136 Resp: 635902
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 9.4 6.4 9.6
68 5.1 3.3 4.9





#23

Nitrobenzene-d5

Concen: 68.837 ng

RT: 7.416 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF126096.D

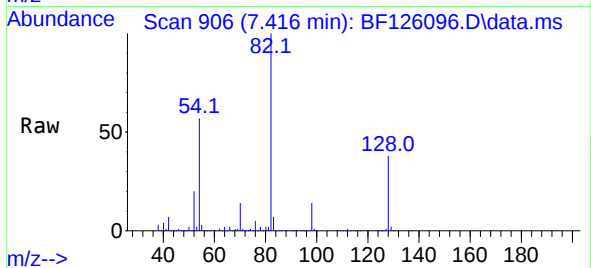
Acq: 9 Nov 2021 23:08

Instrument :

BNA_F

ClientSampleId :

VWE-B4-110421-BD



Tgt Ion: 82 Resp: 928184

Ion Ratio Lower Upper

82 100

128 38.0 40.6 60.8

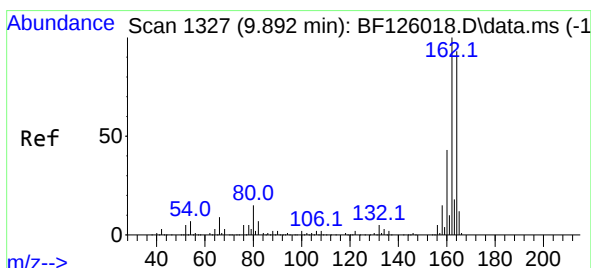
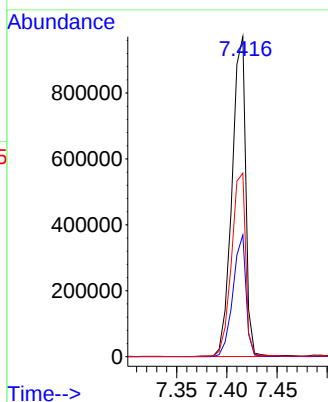
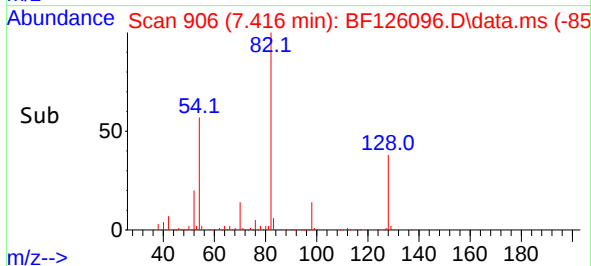
54 57.4 49.6 74.4

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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: BF126096.D

Acq: 9 Nov 2021 23:08

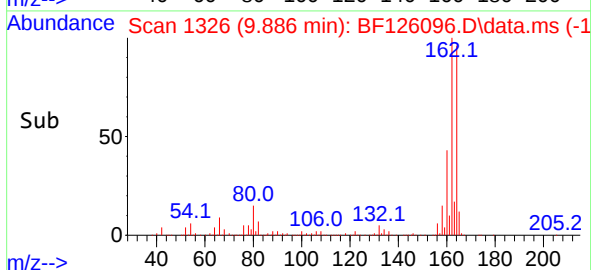
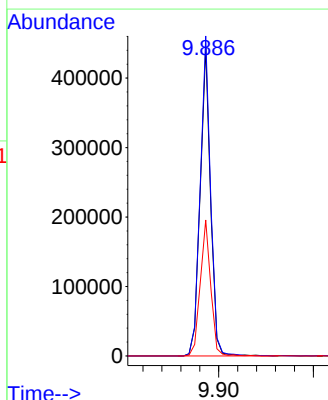
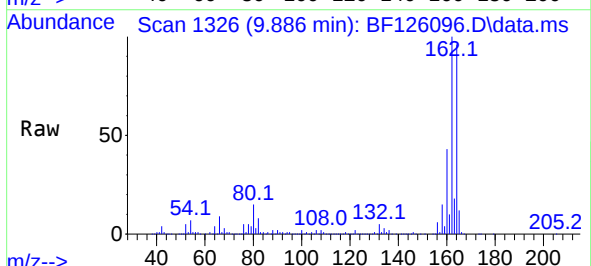
Tgt Ion:164 Resp: 337250

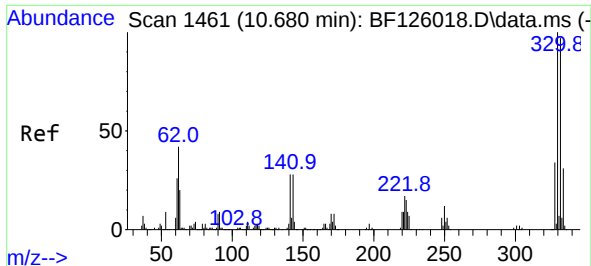
Ion Ratio Lower Upper

164 100

162 103.8 81.3 121.9

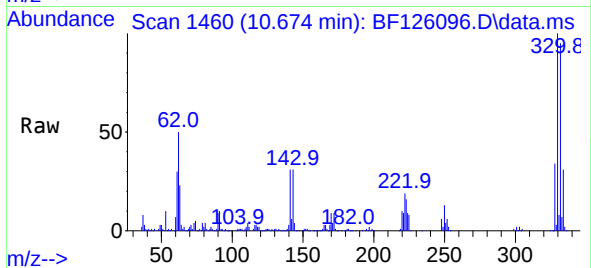
160 44.1 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 84.677 ng
RT: 10.674 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF126096.D
Acq: 9 Nov 2021 23:08

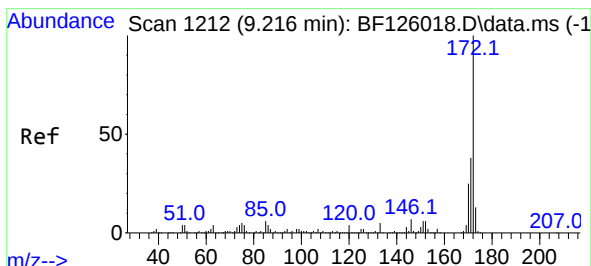
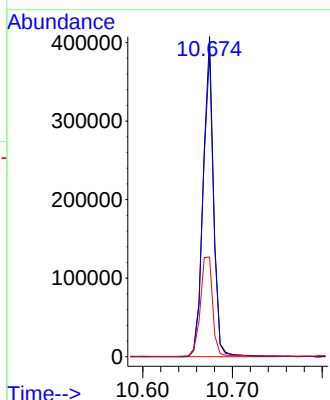
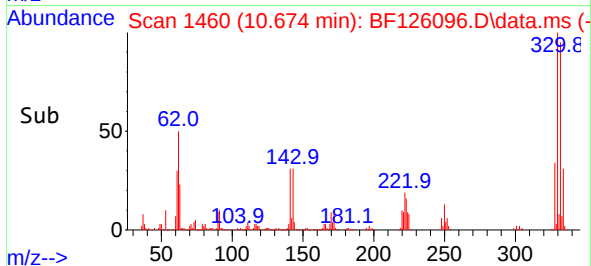
Instrument :
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ClientSampleId :
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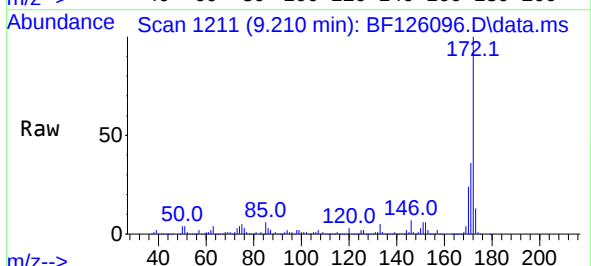
Tgt Ion:330 Resp: 327269
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 37.1 44.6 66.8

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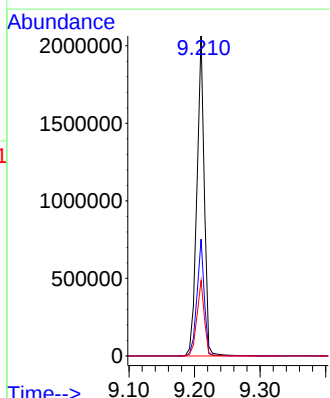
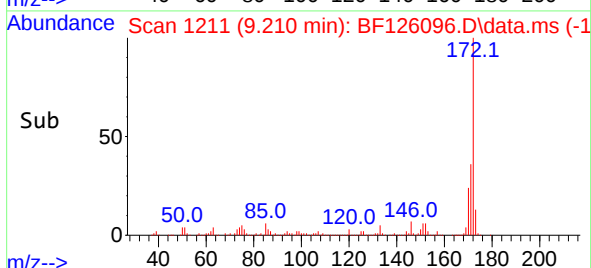
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

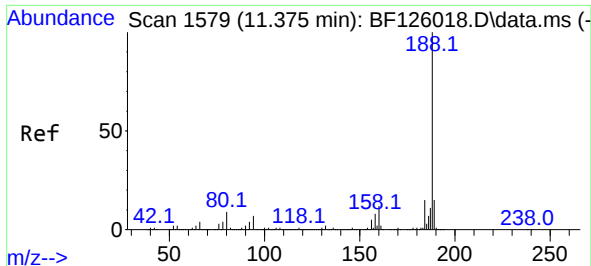


#45
2-Fluorobiphenyl
Concen: 65.432 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126096.D
Acq: 9 Nov 2021 23:08



Tgt Ion:172 Resp: 1632930
Ion Ratio Lower Upper
172 100
171 36.5 26.5 39.7
170 23.6 18.8 28.2





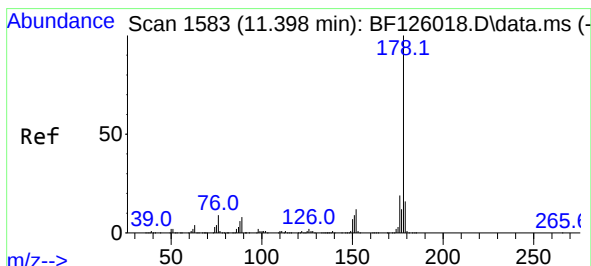
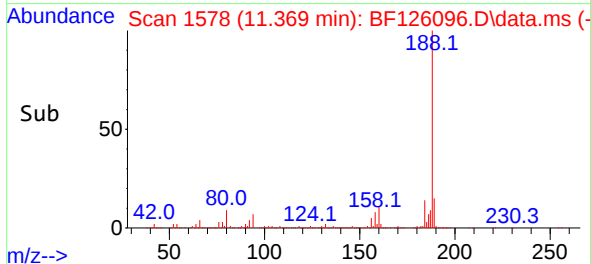
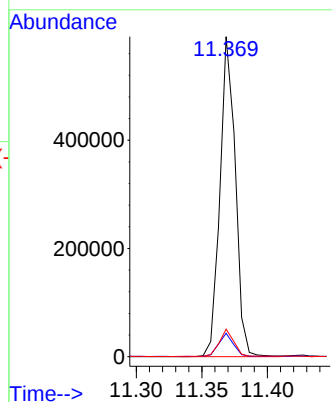
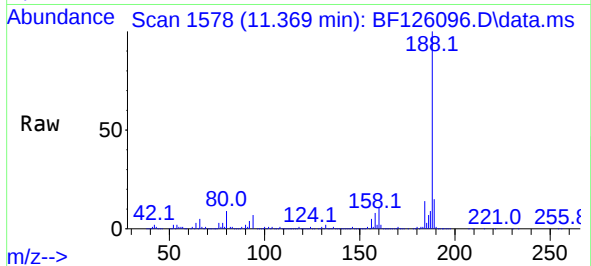
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126096.D
Acq: 9 Nov 2021 23:08

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Tgt Ion:188 Resp: 48102
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 8.6 7.5 11.3

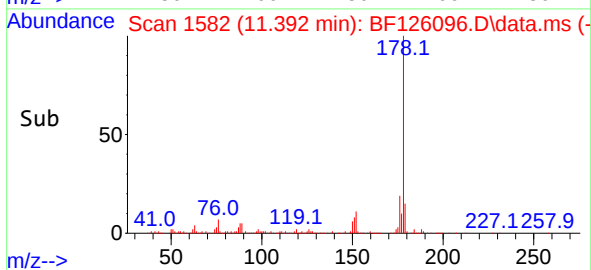
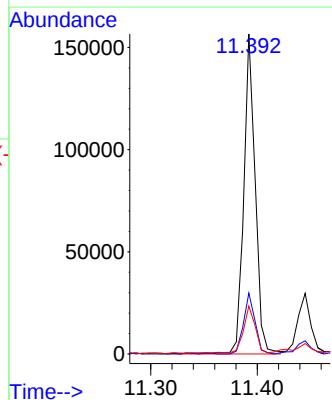
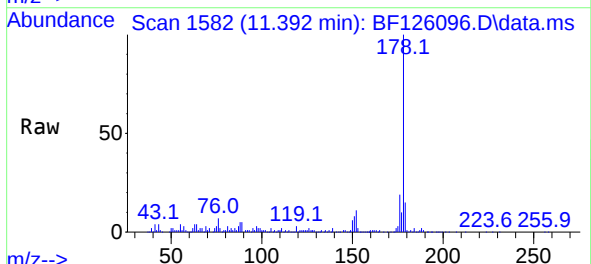
Manual Integrations
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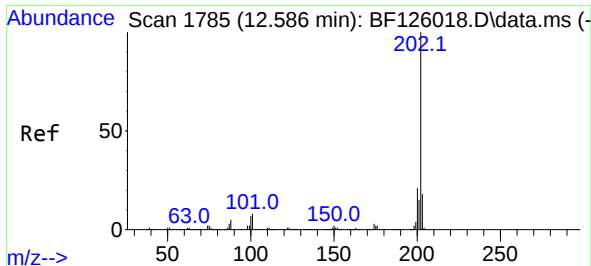
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#71
Phenanthrene
Concen: 4.500 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF126096.D
Acq: 9 Nov 2021 23:08

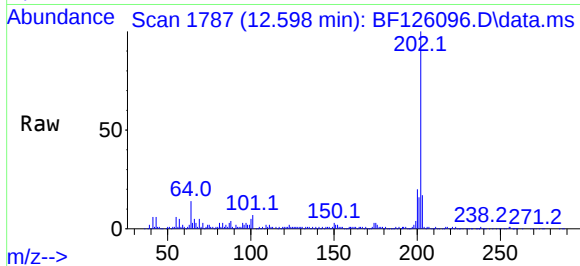
Tgt Ion:178 Resp: 117383
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 15.0 11.5 17.3





#75
Fluoranthene
Concen: 5.812 ng
RT: 12.598 min Scan# 1787
Delta R.T. 0.012 min
Lab File: BF126096.D
Acq: 9 Nov 2021 23:08

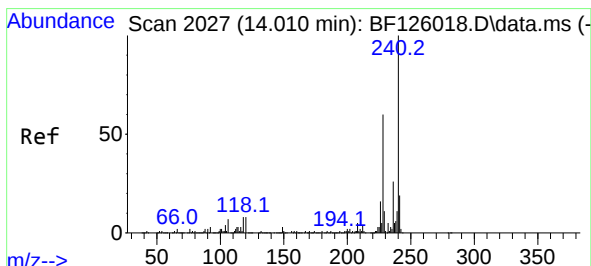
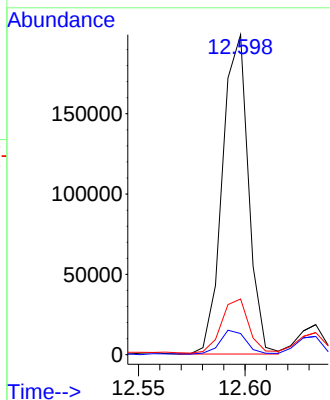
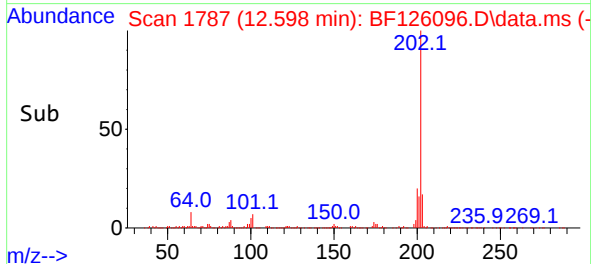
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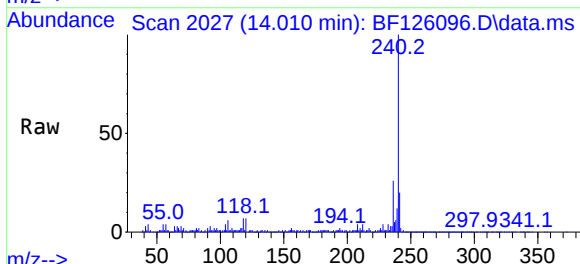
Tgt Ion:202 Resp: 168824
Ion Ratio Lower Upper
202 100
101 6.6 0.0 30.7
203 17.4 0.0 36.3

Manual Integrations
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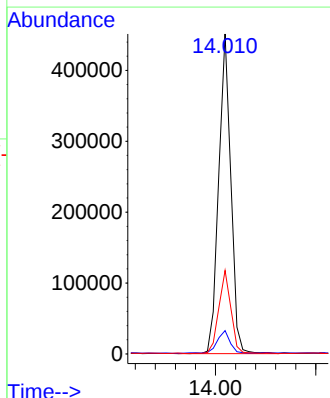
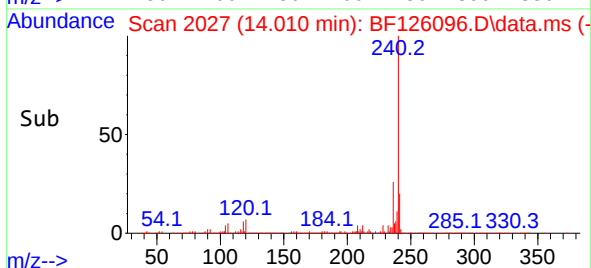
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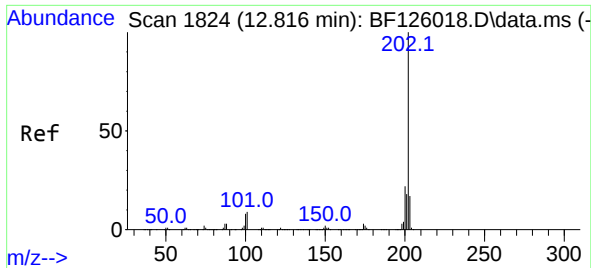


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF126096.D
Acq: 9 Nov 2021 23:08



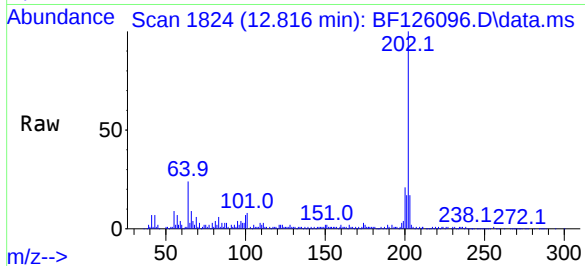
Tgt Ion:240 Resp: 378985
Ion Ratio Lower Upper
240 100
120 7.3 10.8 16.2#
236 26.1 21.6 32.4





#78
Pyrene
Concen: 5.001 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.001 min
Lab File: BF126096.D
Acq: 9 Nov 2021 23:08

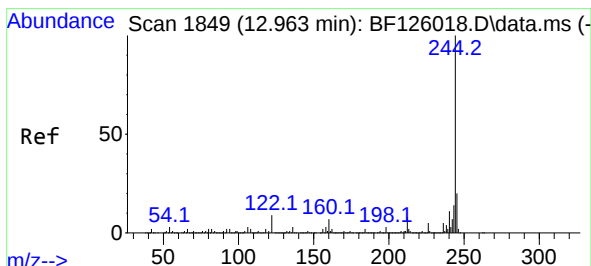
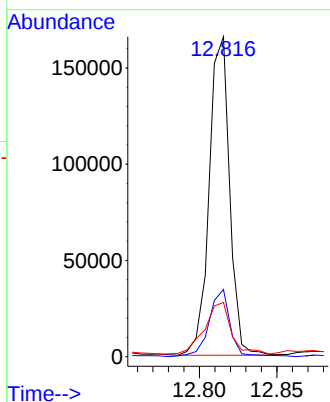
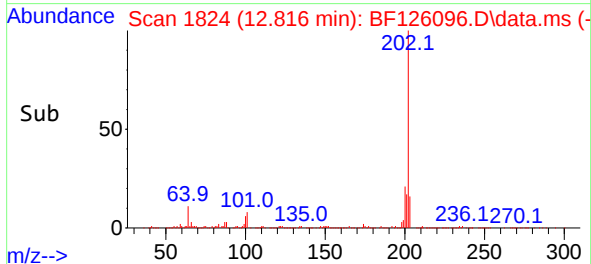
Instrument :
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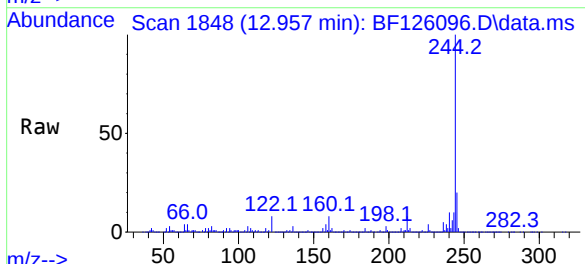
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Ion Ratio Lower Upper
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200 21.0 15.3 22.9
203 16.9 13.4 20.0

Manual Integrations
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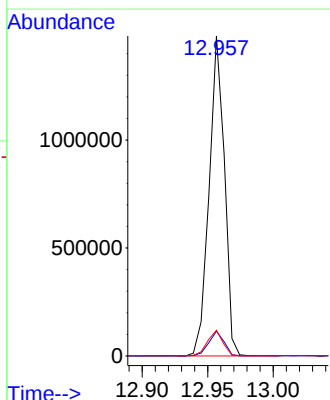
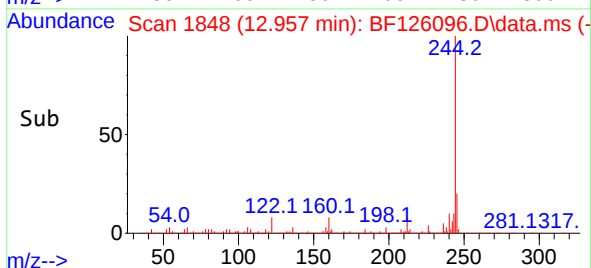
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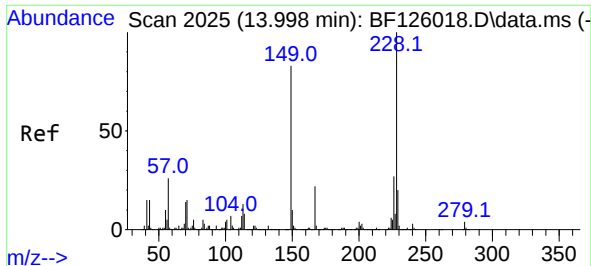


#79
Terphenyl-d14
Concen: 51.360 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF126096.D
Acq: 9 Nov 2021 23:08



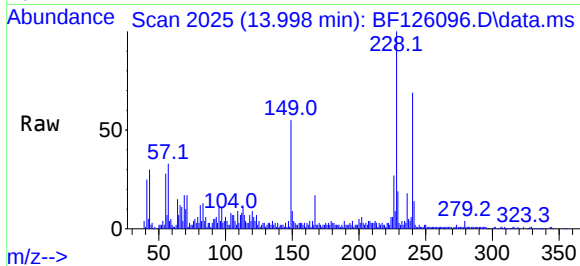
Tgt Ion:244 Resp: 1207082
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 8.0 9.0 13.4





#81
Benzo(a)anthracene
Concen: 3.008 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF126096.D
Acq: 9 Nov 2021 23:08

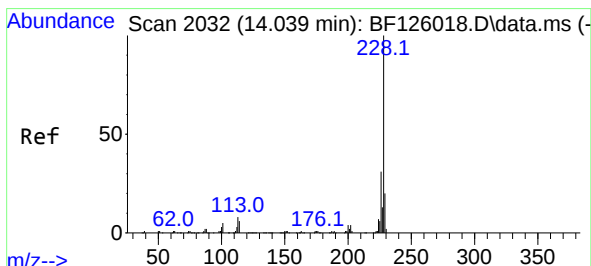
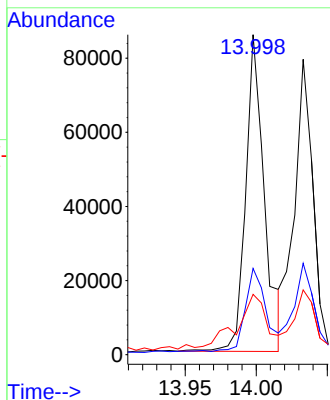
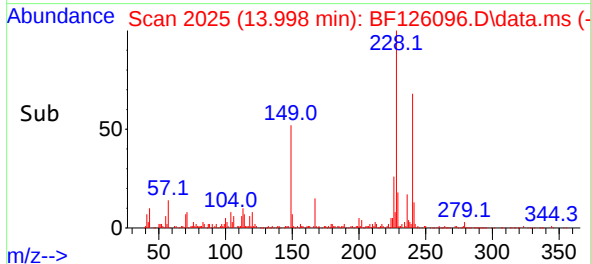
Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-BD



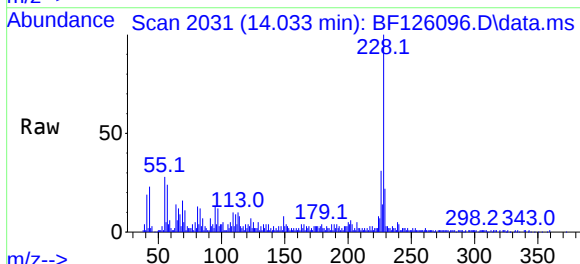
Tgt Ion:228 Resp: 78314
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 18.9 15.6 23.4

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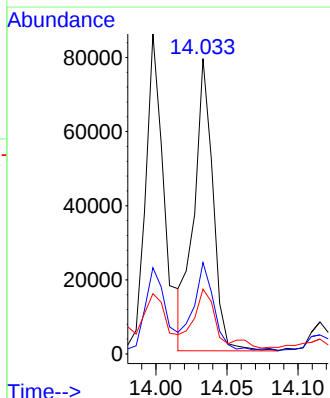
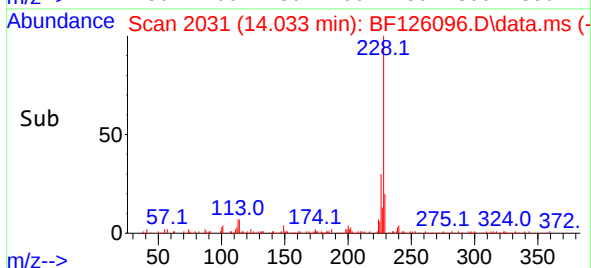
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

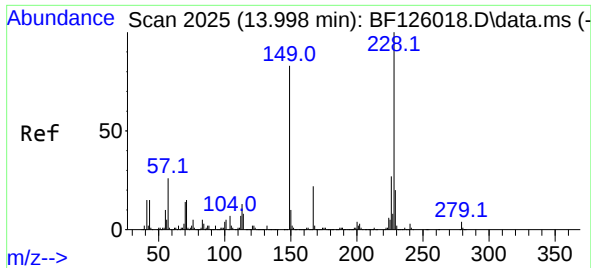


#83
Chrysene
Concen: 3.018 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF126096.D
Acq: 9 Nov 2021 23:08



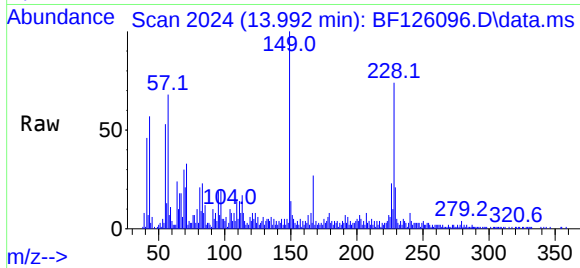
Tgt Ion:228 Resp: 73105
Ion Ratio Lower Upper
228 100
226 30.9 22.6 34.0
229 21.9 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.827 ng
RT: 13.992 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF126096.D
Acq: 9 Nov 2021 23:08

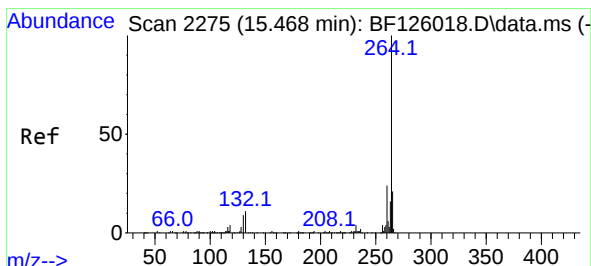
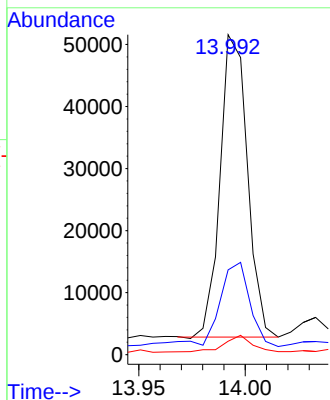
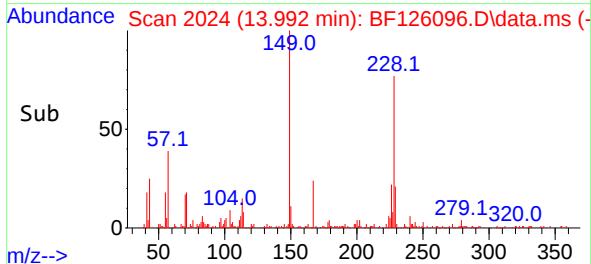
Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-BD



Tgt Ion:149 Resp: 43369
Ion Ratio Lower Upper
149 100
167 26.5 21.4 32.0
279 4.2 2.6 4.0

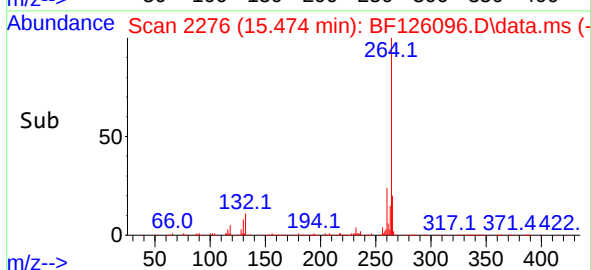
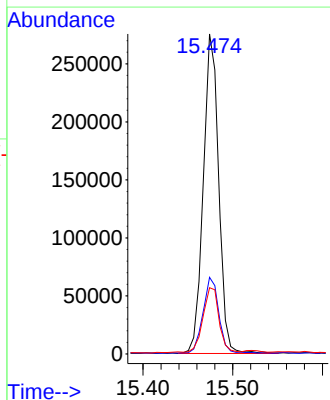
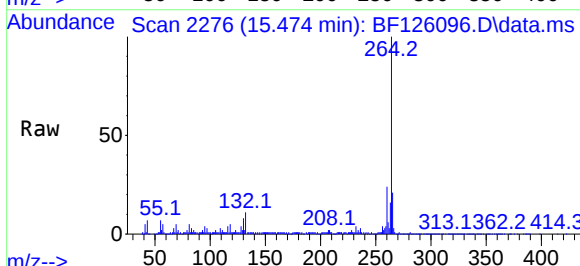
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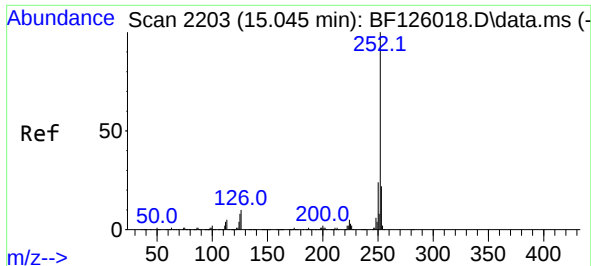
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. 0.006 min
Lab File: BF126096.D
Acq: 9 Nov 2021 23:08

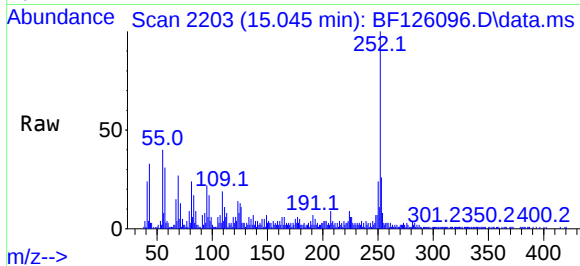
Tgt Ion:264 Resp: 328476
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 20.7 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 3.740 ng m
RT: 15.045 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BF126096.D
Acq: 9 Nov 2021 23:08

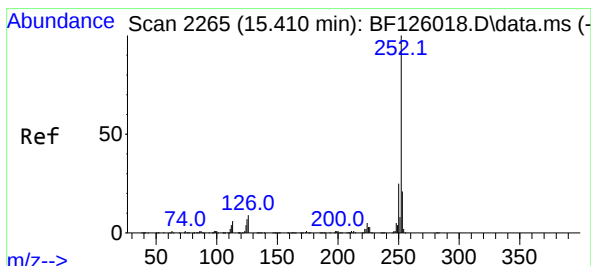
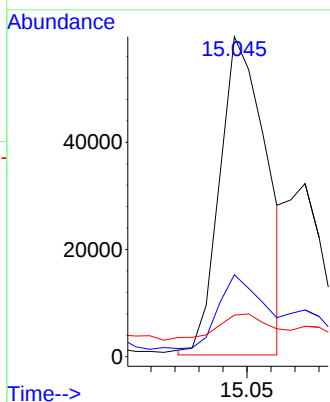
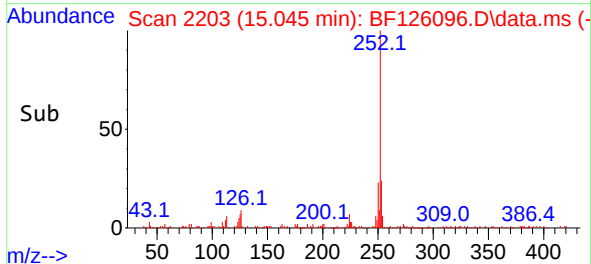
Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-BD



Tgt Ion:252 Resp: 79910
Ion Ratio Lower Upper
252 100
253 25.6 16.8 25.2
125 13.0 9.8 14.8

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



#90
Benzo(a)pyrene
Concen: 3.227 ng
RT: 15.409 min Scan# 2265
Delta R.T. -0.001 min
Lab File: BF126096.D
Acq: 9 Nov 2021 23:08

Tgt Ion:252 Resp: 54316
Ion Ratio Lower Upper
252 100
253 24.7 18.4 27.6
125 13.9 9.9 14.9

