

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
 Data File : BE101470.D
 Acq On : 4 Nov 2024 00:01
 Operator : RC/JU
 Sample : P4679-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MH-1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
 Supervised By :mohammad ahmed 11/06/2024

Quant Time: Nov 05 00:07:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 29 01:26:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.567	152	78112	20.000	ng	0.00
21) Naphthalene-d8	10.340	136	346651	20.000	ng	0.00
39) Acenaphthene-d10	14.177	164	236260	20.000	ng	0.00
64) Phenanthrene-d10	16.915	188	525960	20.000	ng	0.00
76) Chrysene-d12	21.075	240	578212	20.000	ng	0.00
86) Perylene-d12	23.372	264	764878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.323	112	82365	18.481	ng	0.00
7) Phenol-d6	6.950	99	105000	16.991	ng	0.00
23) Nitrobenzene-d5	8.783	82	61924	11.220	ng	0.00
42) 2,4,6-Tribromophenol	15.687	330	73806	17.824	ng	0.00
45) 2-Fluorobiphenyl	12.802	172	177366	12.714	ng	0.00
79) Terphenyl-d14	19.506	244	357596	14.234	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	16.956	178	57055	2.266	ng	97
75) Fluoranthene	18.966	202	113860	3.723	ng	96
78) Pyrene	19.330	202	121091	3.808	ng	97
81) Benzo(a)anthracene	21.057	228	70428	2.167	ng	97
83) Chrysene	21.110	228	72166	2.297	ng	96
88) Benzo(b)fluoranthene	22.655	252	80924m	2.030	ng	

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

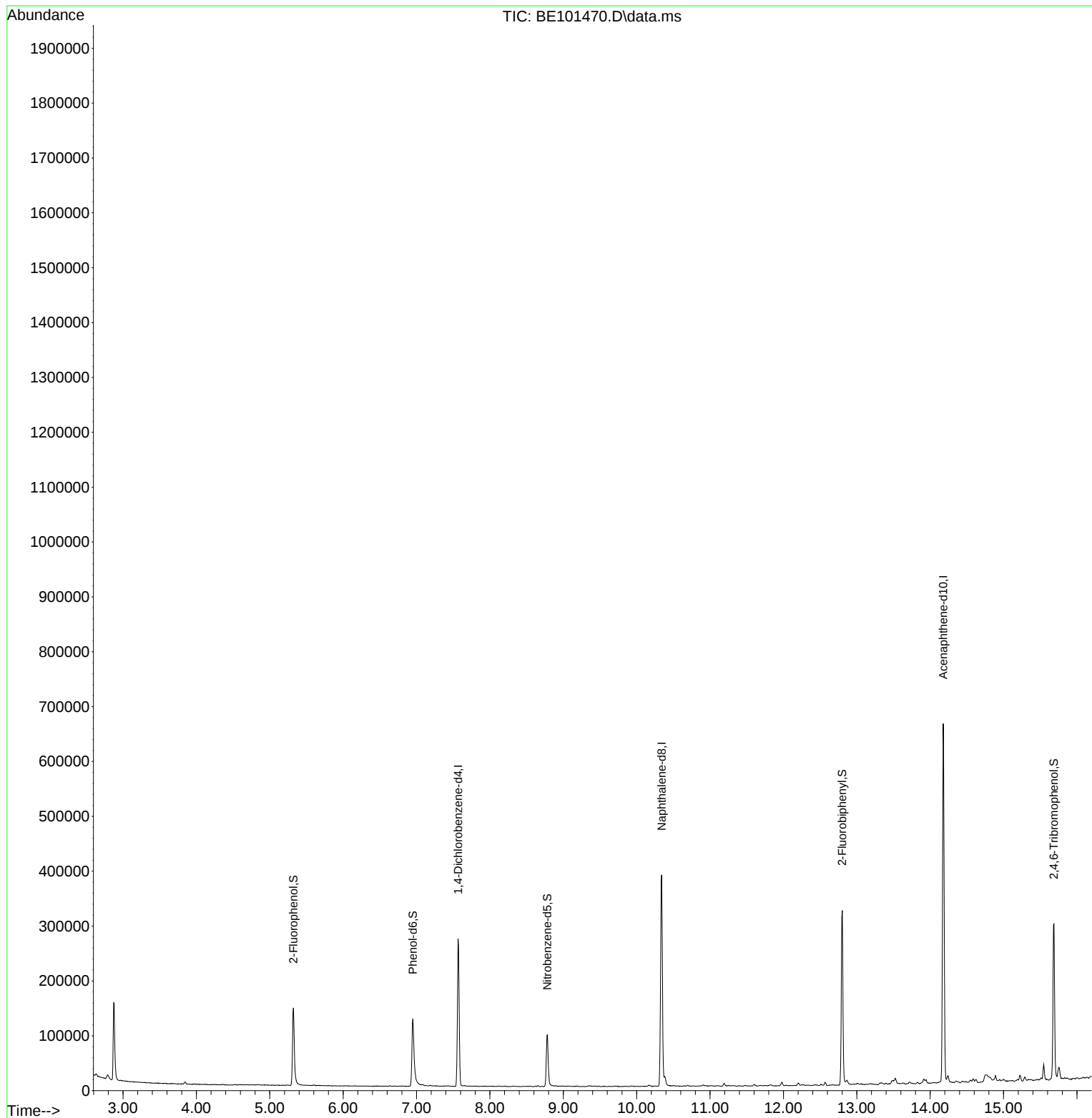
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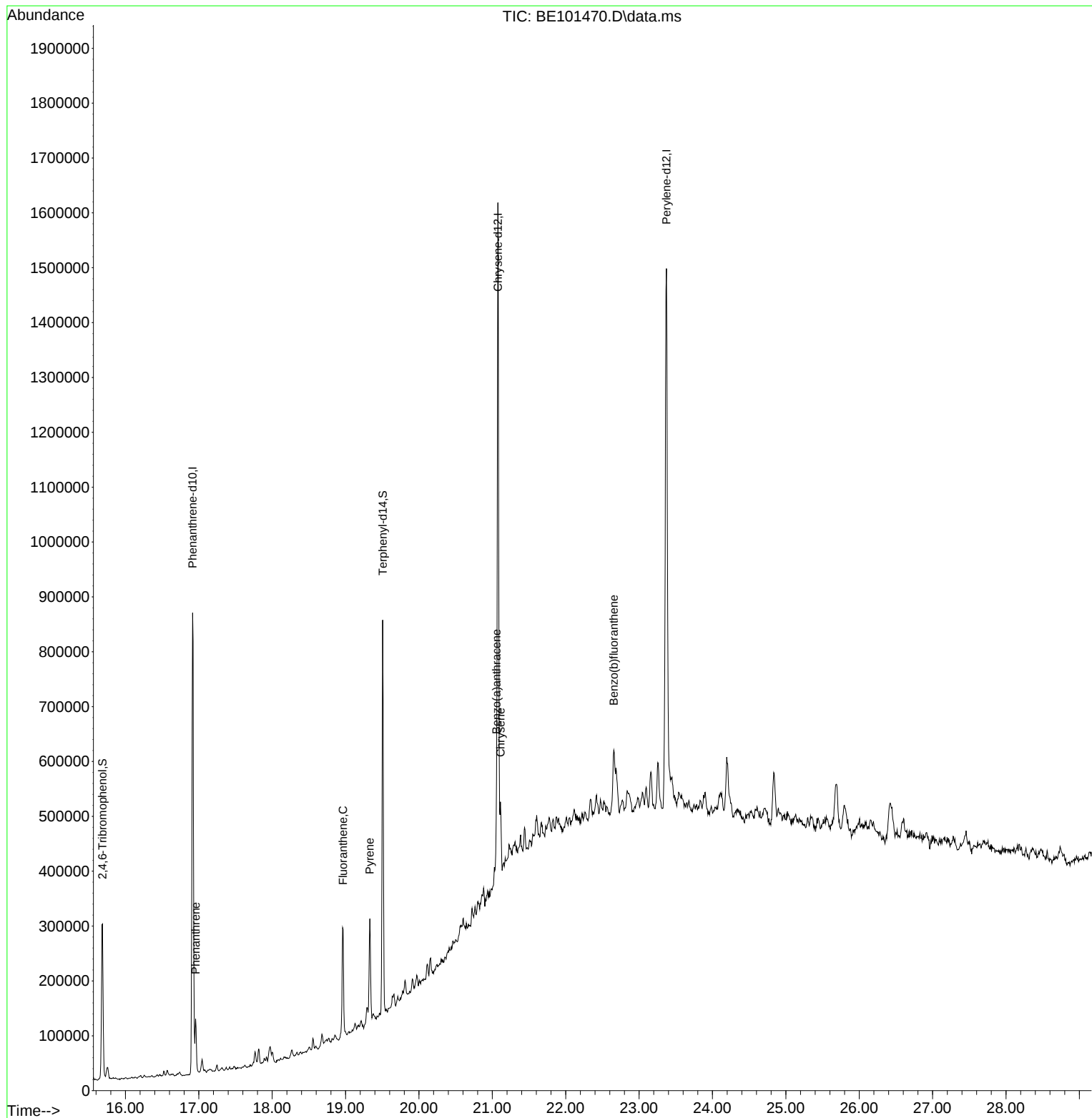
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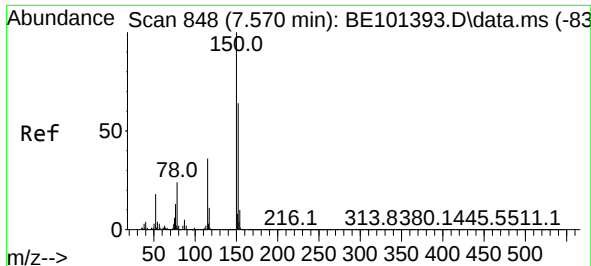
Instrument :
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Quant Time: Nov 05 00:07:14 2024
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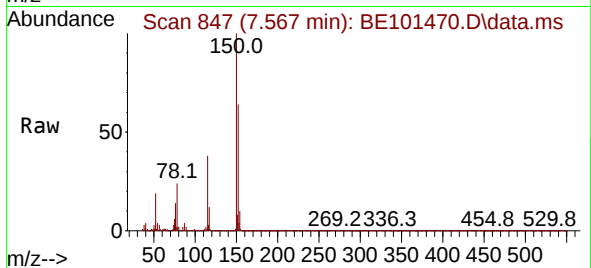
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.567 min Scan# 848
Delta R.T. -0.003 min
Lab File: BE101470.D
Acq: 4 Nov 2024 00:01

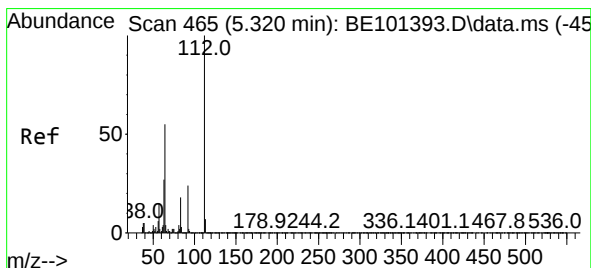
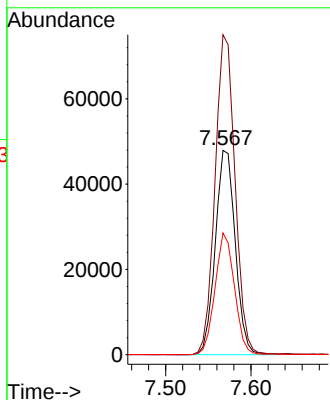
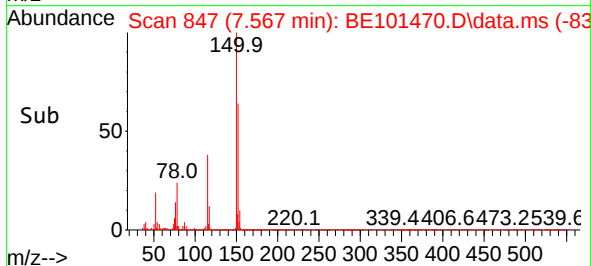
Instrument :
BNA_E
ClientSampleId :
MH-1



Tgt Ion:152 Resp: 7811
Ion Ratio Lower Upper
152 100
150 156.6 124.2 186.4
115 59.6 45.3 67.9

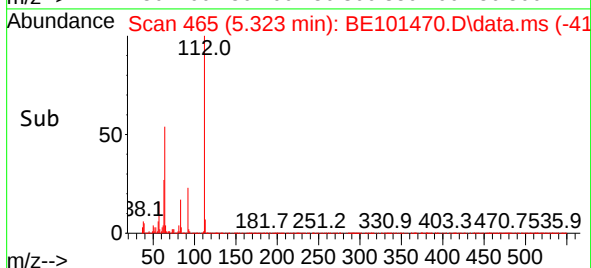
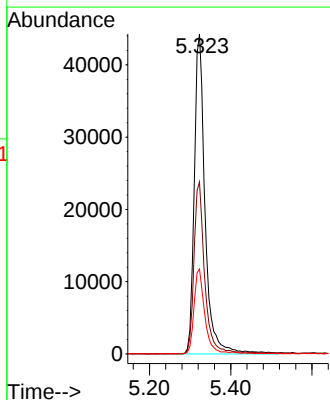
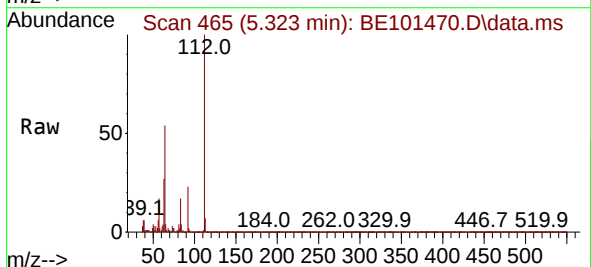
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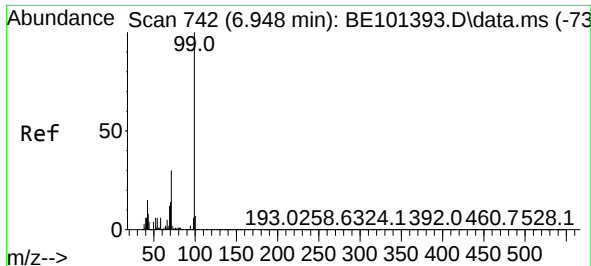
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#5
2-Fluorophenol
Concen: 18.481 ng
RT: 5.323 min Scan# 465
Delta R.T. 0.003 min
Lab File: BE101470.D
Acq: 4 Nov 2024 00:01

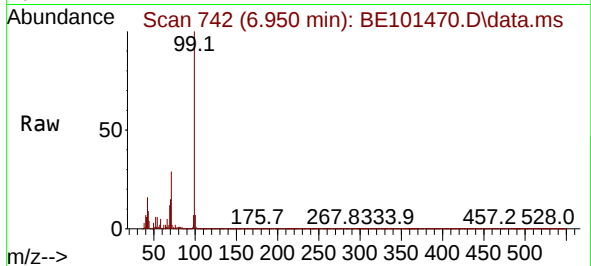
Tgt Ion:112 Resp: 82365
Ion Ratio Lower Upper
112 100
64 53.7 43.7 65.5
63 26.6 21.4 32.2





#7
Phenol-d6
Concen: 16.991 ng
RT: 6.950 min Scan# 742
Delta R.T. 0.003 min
Lab File: BE101470.D
Acq: 4 Nov 2024 00:01

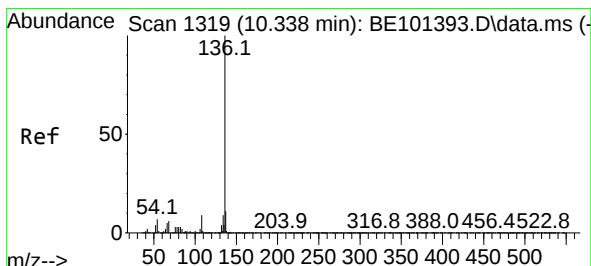
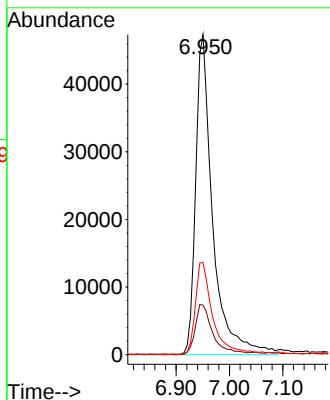
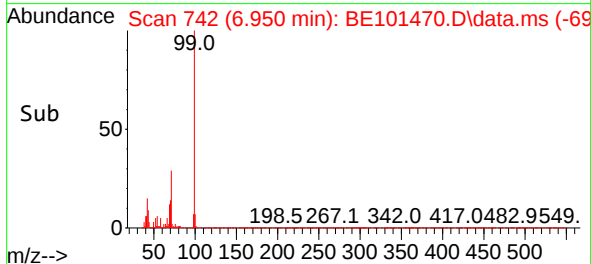
Instrument :
BNA_E
ClientSampleId :
MH-1



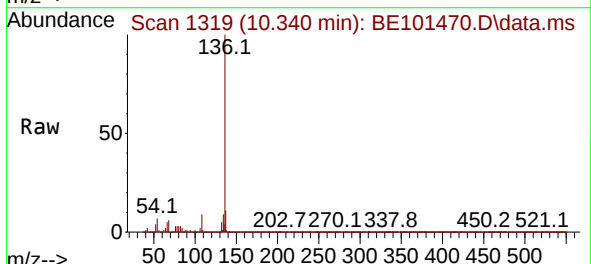
Tgt Ion: 99 Resp: 105000
Ion Ratio Lower Upper
99 100
42 15.5 12.3 18.5
71 28.9 23.8 35.8

Manual Integrations
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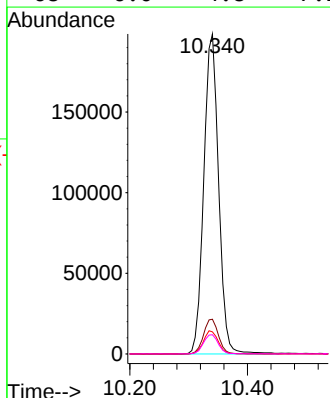
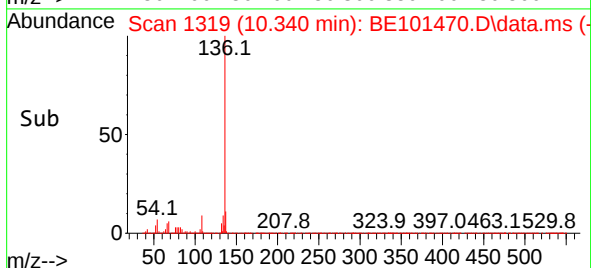
Reviewed By :Jagrut Upadhyay 11/05/2024
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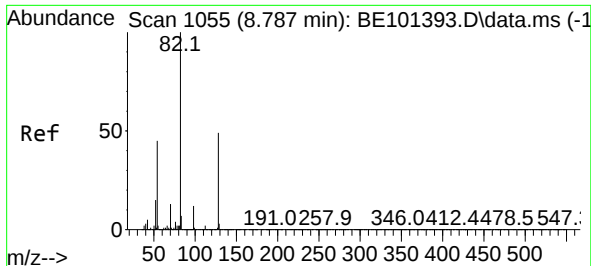


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.340 min Scan# 1319
Delta R.T. 0.003 min
Lab File: BE101470.D
Acq: 4 Nov 2024 00:01



Tgt Ion:136 Resp: 346651
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 6.9 5.9 8.9
68 6.0 4.8 7.2





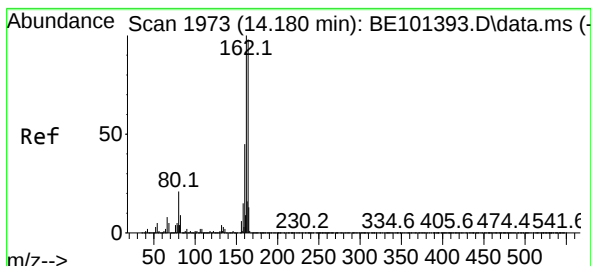
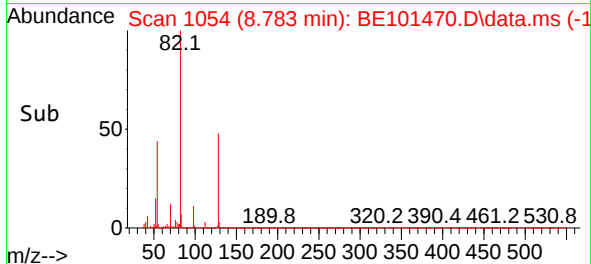
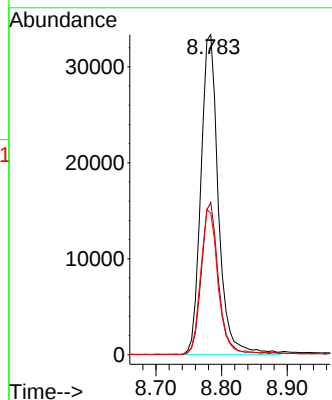
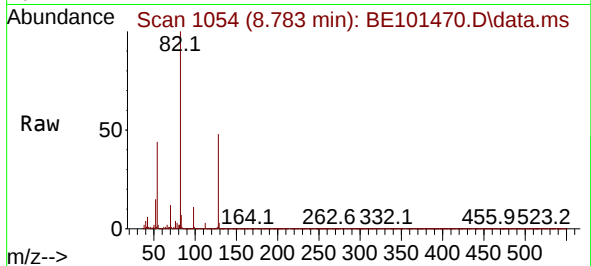
#23
Nitrobenzene-d5
Concen: 11.220 ng
RT: 8.783 min Scan# 1054
Delta R.T. -0.003 min
Lab File: BE101470.D
Acq: 4 Nov 2024 00:01

Instrument :
BNA_E
ClientSampleId :
MH-1

Tgt Ion:	82	Resp:	61924
Ion Ratio	Lower	Upper	
82	100		
128	47.5	38.9	58.3
54	44.1	36.2	54.4

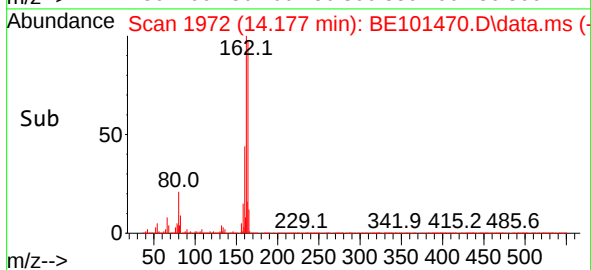
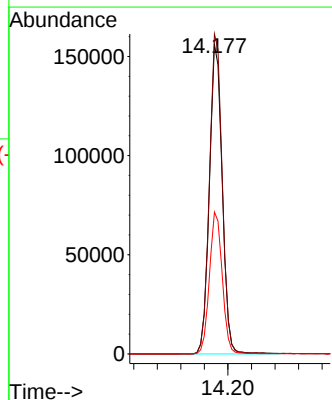
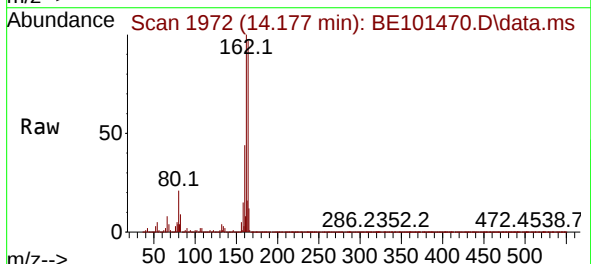
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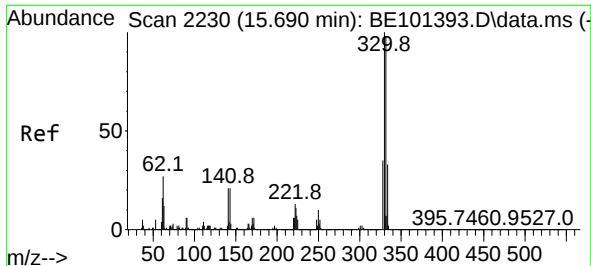
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.177 min Scan# 1972
Delta R.T. -0.003 min
Lab File: BE101470.D
Acq: 4 Nov 2024 00:01

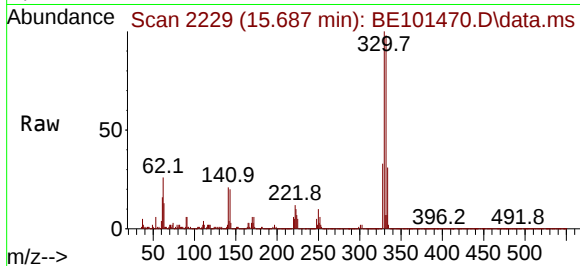
Tgt Ion:	164	Resp:	236260
Ion Ratio	Lower	Upper	
164	100		
162	103.4	81.3	121.9
160	45.8	36.4	54.6





#42
2,4,6-Tribromophenol
Concen: 17.824 ng
RT: 15.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: BE101470.D
Acq: 4 Nov 2024 00:01

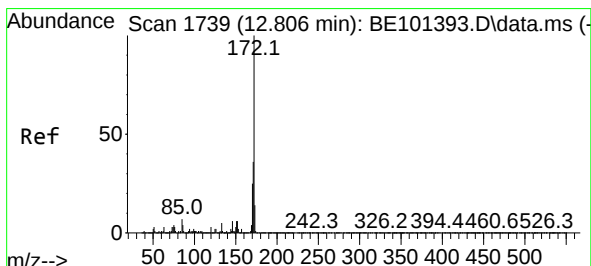
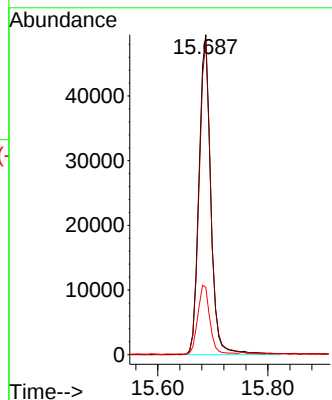
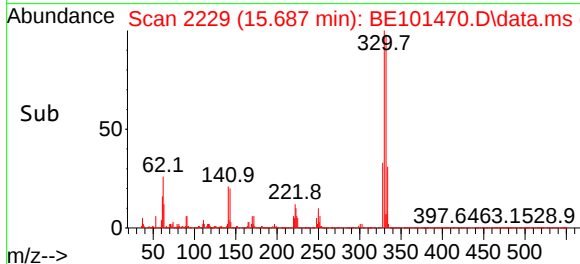
Instrument :
BNA_E
ClientSampleId :
MH-1



Tgt Ion:330 Resp: 73800
Ion Ratio Lower Upper
330 100
332 96.5 78.2 117.2
141 21.7 18.3 27.5

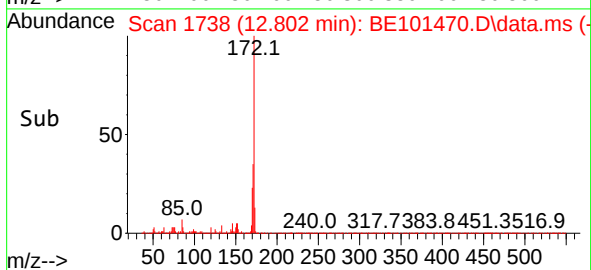
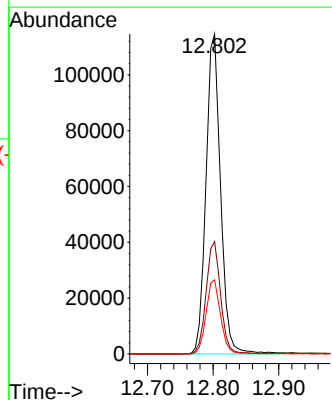
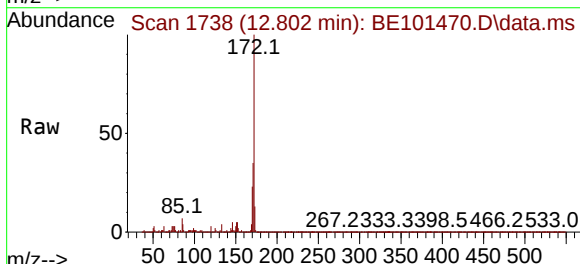
Manual Integrations
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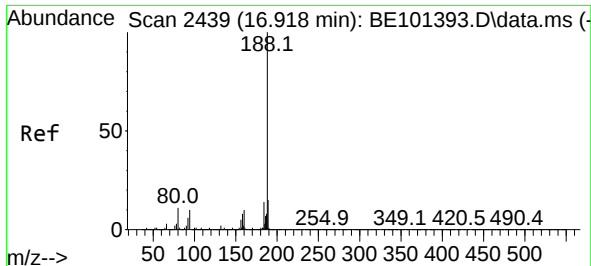
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#45
2-Fluorobiphenyl
Concen: 12.714 ng
RT: 12.802 min Scan# 1738
Delta R.T. -0.003 min
Lab File: BE101470.D
Acq: 4 Nov 2024 00:01

Tgt Ion:172 Resp: 177366
Ion Ratio Lower Upper
172 100
171 35.1 29.2 43.8
170 23.2 19.8 29.6





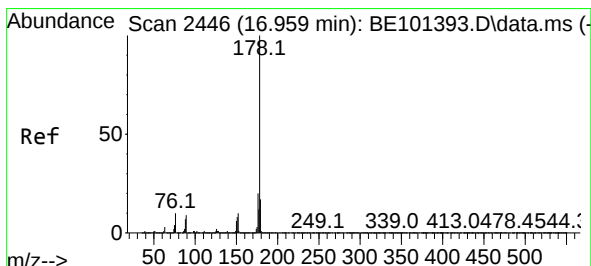
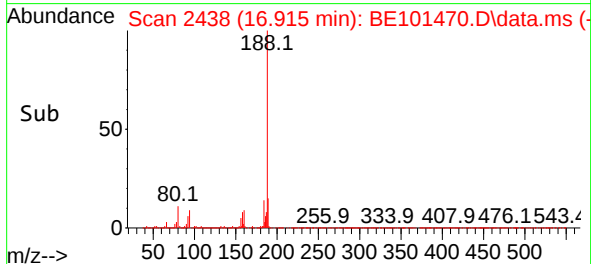
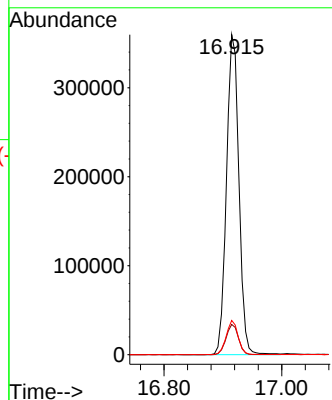
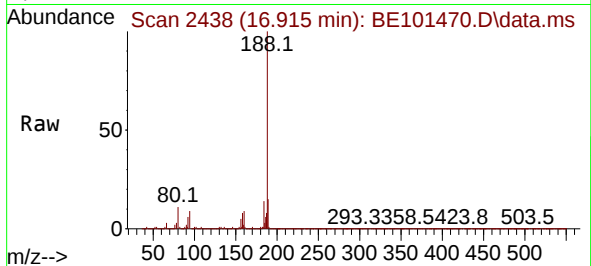
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.915 min Scan# 2438
Delta R.T. -0.003 min
Lab File: BE101470.D
Acq: 4 Nov 2024 00:01

Instrument :
BNA_E
ClientSampleId :
MH-1

Tgt Ion:188 Resp: 525960
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.8
80 10.7 8.6 12.8

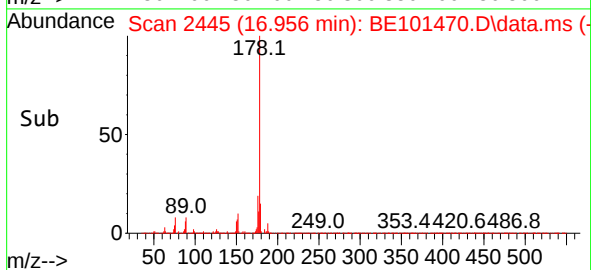
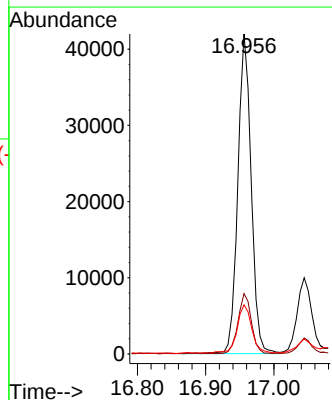
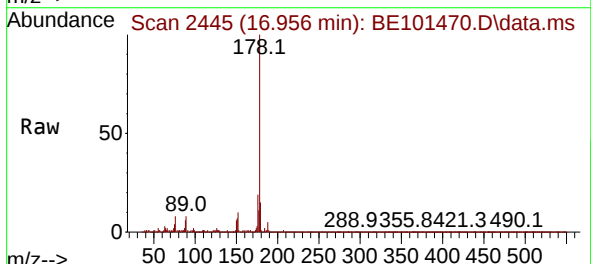
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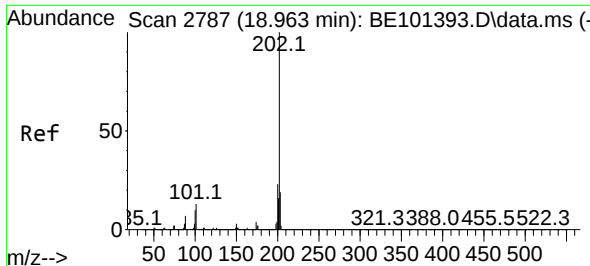
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#71
Phenanthrene
Concen: 2.266 ng
RT: 16.956 min Scan# 2445
Delta R.T. -0.003 min
Lab File: BE101470.D
Acq: 4 Nov 2024 00:01

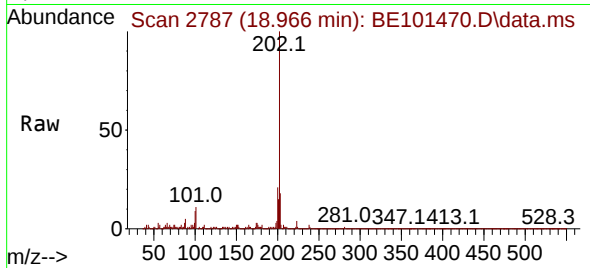
Tgt Ion:178 Resp: 57055
Ion Ratio Lower Upper
178 100
176 18.8 16.4 24.6
179 15.3 13.2 19.8





#75
Fluoranthene
Concen: 3.723 ng
RT: 18.966 min Scan# 21
Delta R.T. 0.003 min
Lab File: BE101470.D
Acq: 4 Nov 2024 00:01

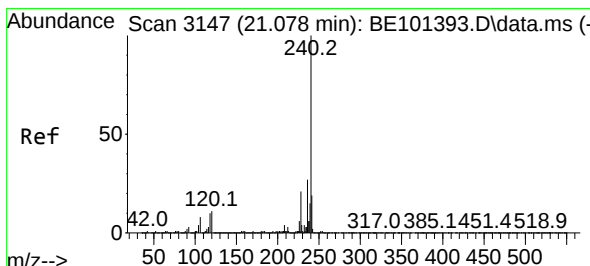
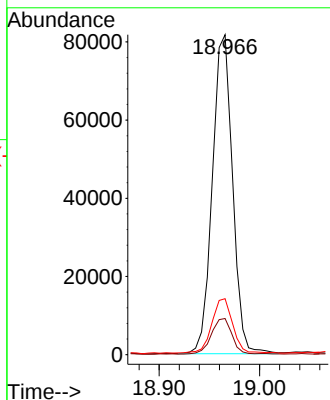
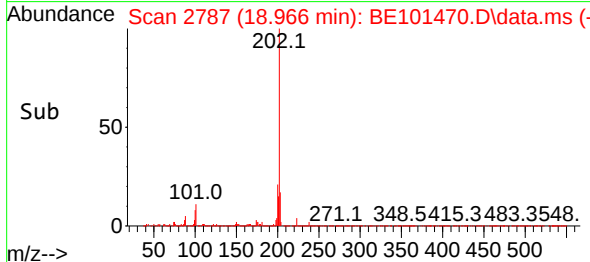
Instrument :
BNA_E
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MH-1



Tgt Ion:202 Resp: 113860
Ion Ratio Lower Upper
202 100
101 11.3 0.0 33.3
203 17.5 0.0 39.3

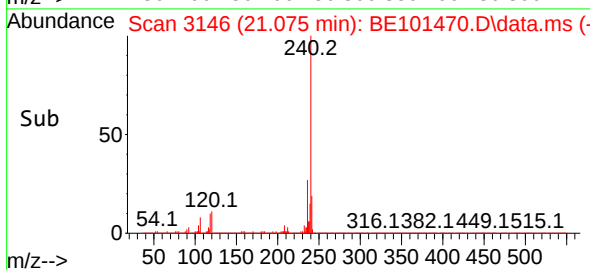
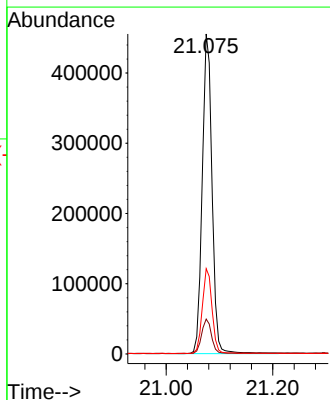
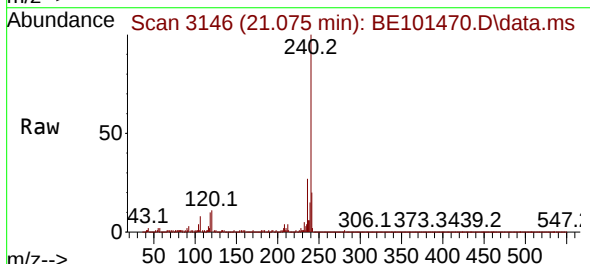
Manual Integrations
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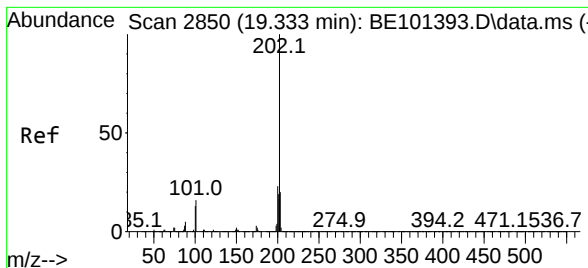
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.075 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BE101470.D
Acq: 4 Nov 2024 00:01

Tgt Ion:240 Resp: 578212
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 26.6 21.4 32.0





#78

Pyrene

Concen: 3.808 ng

RT: 19.330 min Scan# 2850

Delta R.T. -0.003 min

Lab File: BE101470.D

Acq: 4 Nov 2024 00:01

Instrument :

BNA_E

ClientSampleId :

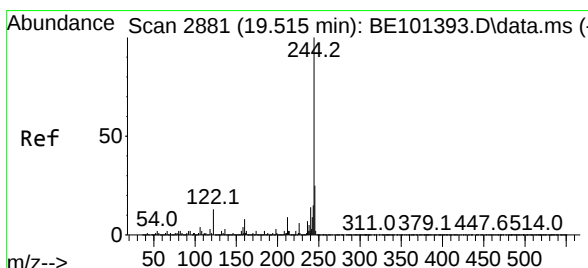
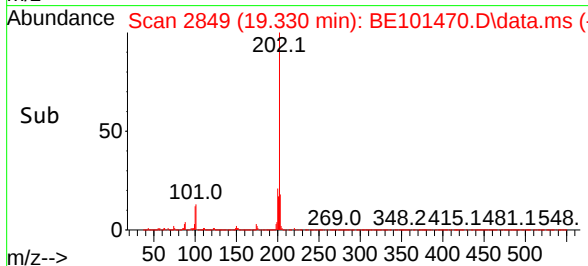
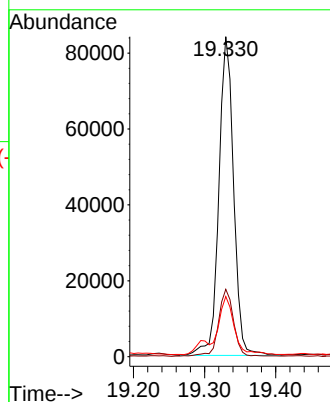
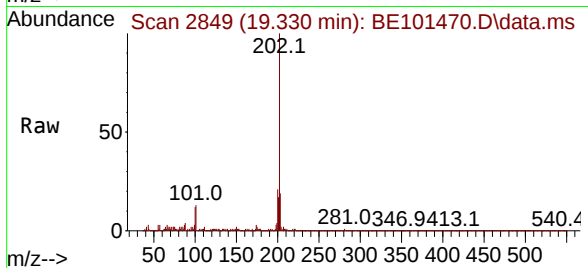
MH-1

Tgt Ion:	202	Resp:	12109
Ion Ratio	Lower	Upper	
202	100		
200	21.1	18.6	28.0
203	18.8	15.6	23.4

Manual Integrations

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Supervised By :mohammad ahmed 11/06/2024



#79

Terphenyl-d14

Concen: 14.234 ng

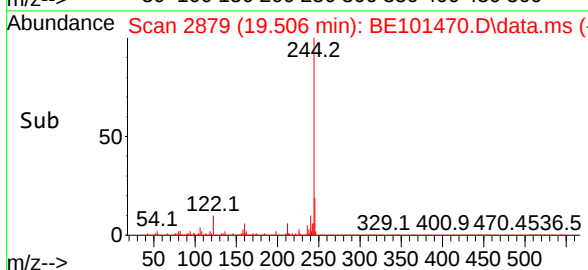
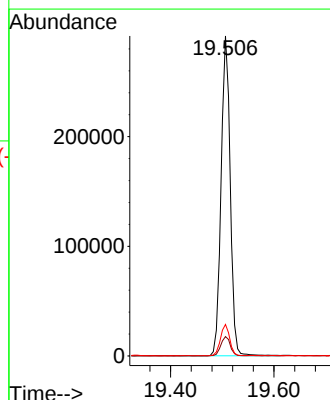
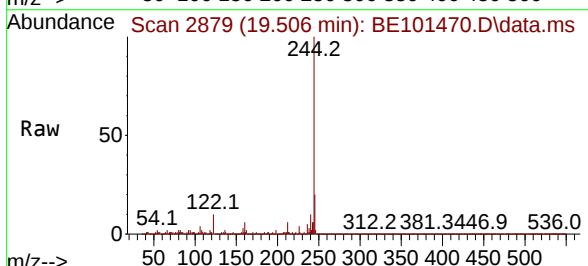
RT: 19.506 min Scan# 2879

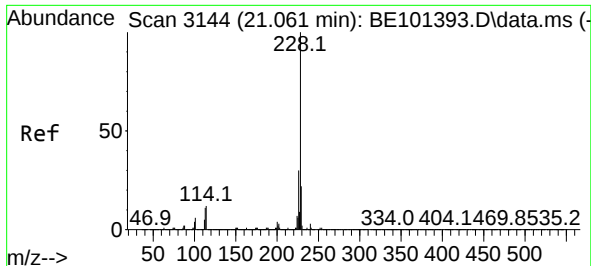
Delta R.T. -0.009 min

Lab File: BE101470.D

Acq: 4 Nov 2024 00:01

Tgt Ion:	244	Resp:	357596
Ion Ratio	Lower	Upper	
244	100		
212	6.1	7.2	10.8#
122	9.9	10.4	15.6#





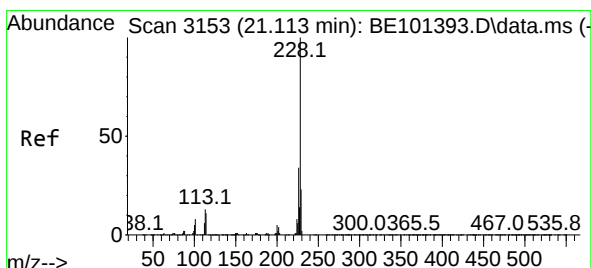
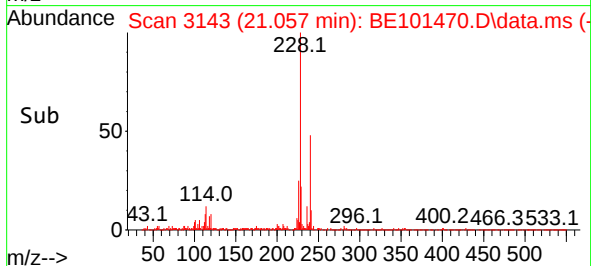
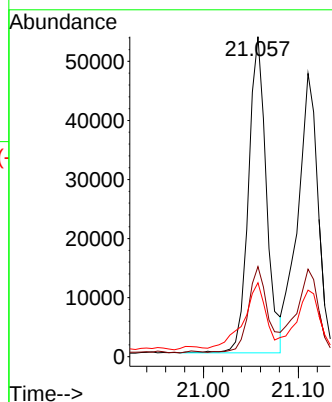
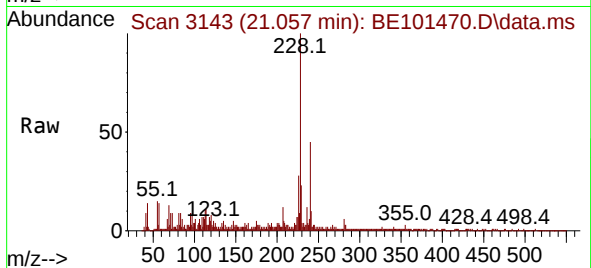
#81
Benzo(a)anthracene
Concen: 2.167 ng
RT: 21.057 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BE101470.D
Acq: 4 Nov 2024 00:01

Instrument :
BNA_E
ClientSampleId :
MH-1

Tgt Ion:228 Resp: 70428
Ion Ratio Lower Upper
228 100
226 28.1 24.1 36.1
229 23.1 17.3 25.9

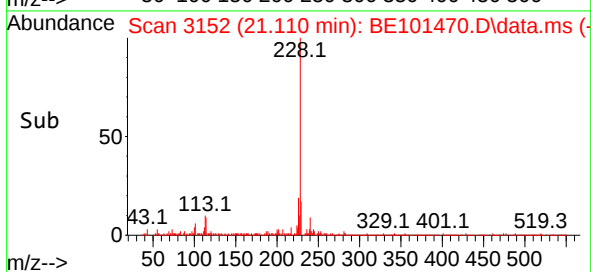
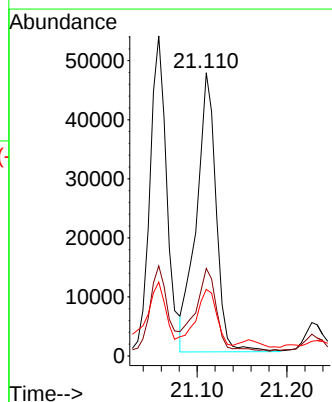
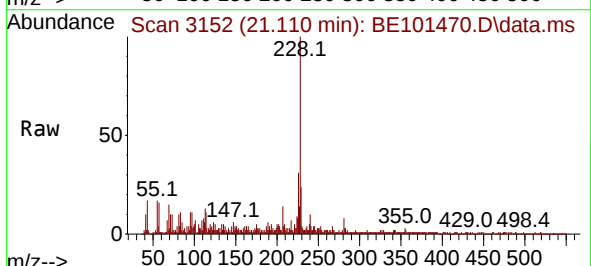
Manual Integrations
APPROVED

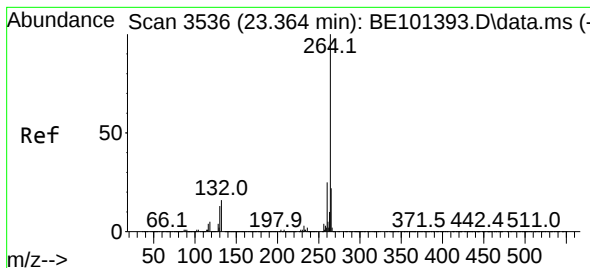
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#83
Chrysene
Concen: 2.297 ng
RT: 21.110 min Scan# 3152
Delta R.T. -0.003 min
Lab File: BE101470.D
Acq: 4 Nov 2024 00:01

Tgt Ion:228 Resp: 72166
Ion Ratio Lower Upper
228 100
226 30.9 27.2 40.8
229 23.5 18.0 27.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.372 min Scan# 3536

Delta R.T. 0.008 min

Lab File: BE101470.D

Acq: 4 Nov 2024 00:01

Instrument :

BNA_E

ClientSampleId :

MH-1

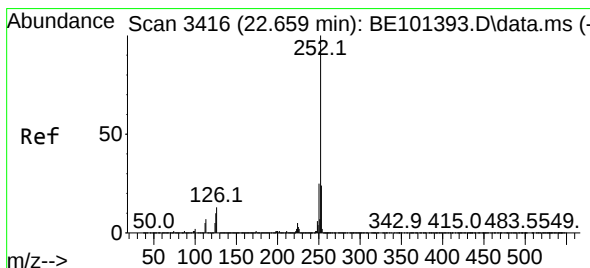
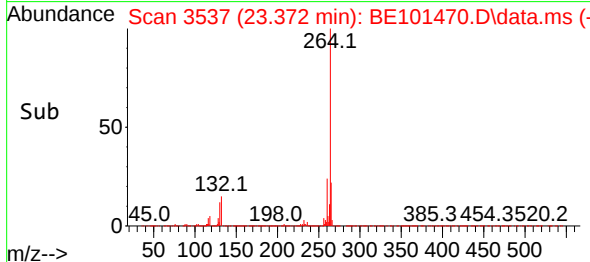
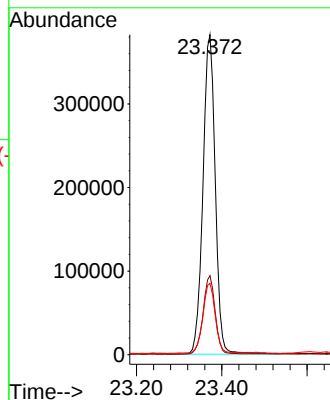
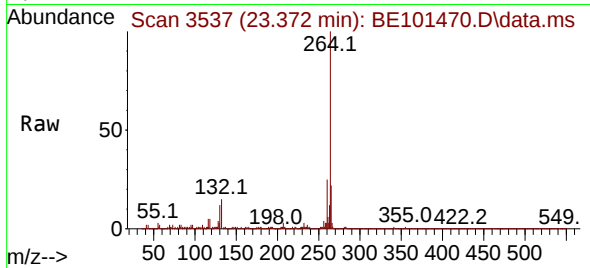
Tgt Ion:264 Resp: 764878

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	22.3	17.6	26.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#88

Benzo(b)fluoranthene

Concen: 2.030 ng m

RT: 22.655 min Scan# 3415

Delta R.T. -0.003 min

Lab File: BE101470.D

Acq: 4 Nov 2024 00:01

Tgt Ion:252 Resp: 80924

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.0	28.6
125	18.0	8.2	12.2

