

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110124\
 Data File : BE101451.D
 Acq On : 1 Nov 2024 16:21
 Operator : RC/JU
 Sample : P4659-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MH-2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Nov 01 17:24:48 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	7.575	152	72912	20.000	ng	0.00
21) Naphthalene-d8	10.343	136	317928	20.000	ng	0.00
39) Acenaphthene-d10	14.185	164	218763	20.000	ng	0.00
64) Phenanthrene-d10	16.923	188	489382	20.000	ng	0.00
76) Chrysene-d12	21.083	240	550274	20.000	ng	0.00
86) Perylene-d12	23.374	264	722258	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.325	112	434837	104.526	ng	0.00
7) Phenol-d6	6.952	99	558373	96.799	ng	0.00
23) Nitrobenzene-d5	8.786	82	326171	64.438	ng	0.00
42) 2,4,6-Tribromophenol	15.689	330	387207	100.987	ng	0.00
45) 2-Fluorobiphenyl	12.804	172	794303	61.490	ng	0.00
79) Terphenyl-d14	19.514	244	1617284	67.644	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	18.968	202	90424	3.177	ng	96
78) Pyrene	19.338	202	105957	3.501	ng	99
81) Benzo(a)anthracene	21.059	228	69984	2.263	ng	97
83) Chrysene	21.118	228	78780	2.634	ng	96
88) Benzo(b)fluoranthene	22.663	252	121352m	3.224	ng	
90) Benzo(a)pyrene	23.263	252	99509	3.023	ng	# 91
92) Benzo(g,h,i)perylene	26.447	276	89574	2.177	ng	96

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

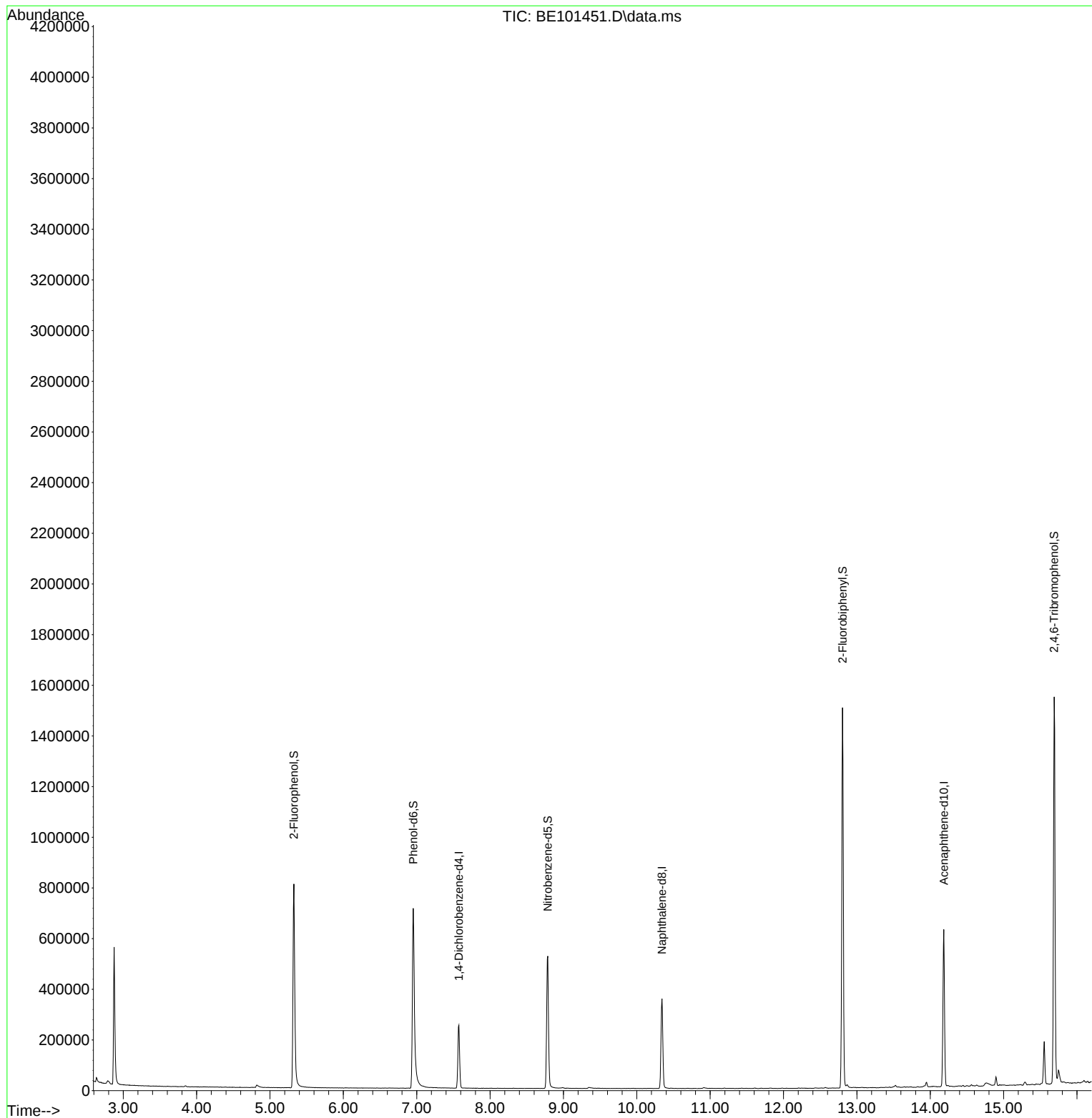
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110124\
Data File : BE101451.D
Acq On : 1 Nov 2024 16:21
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Sample : P4659-01
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Instrument :
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ClientSampleId :
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Quant Time: Nov 01 17:24:48 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

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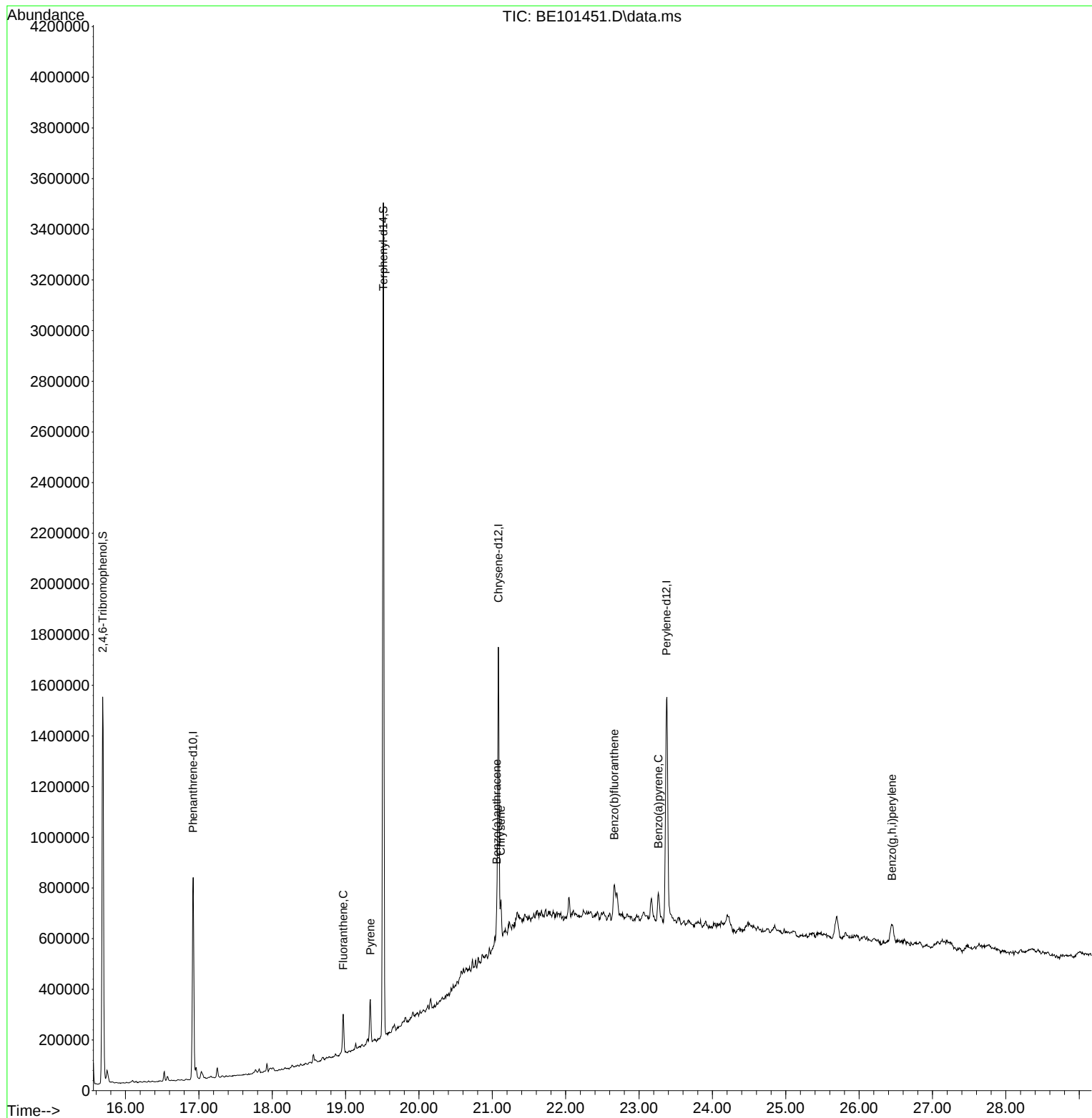
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110124\
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Acq On : 1 Nov 2024 16:21
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ALS Vial : 10 Sample Multiplier: 1

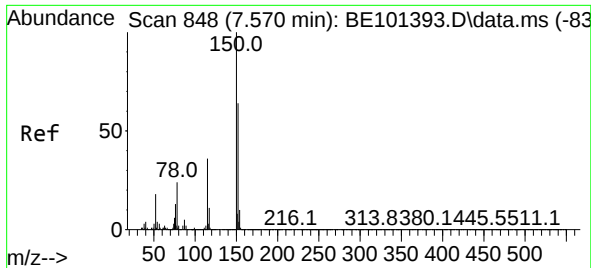
Instrument :
BNA_E
ClientSampleId :
MH-2

Quant Time: Nov 01 17:24:48 2024
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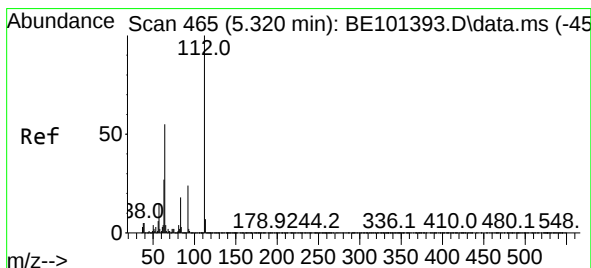
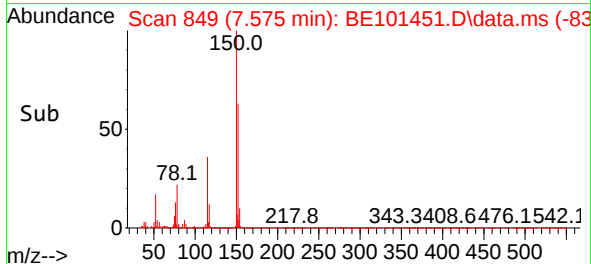
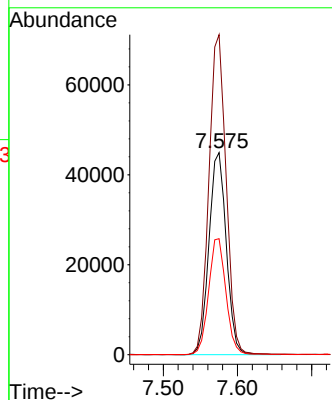
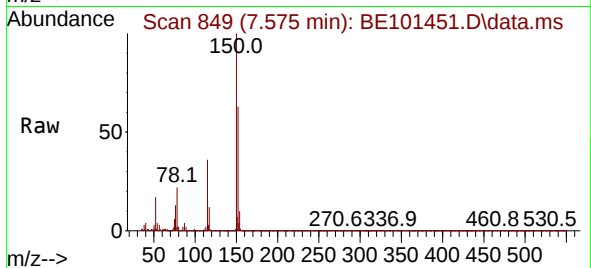
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.575 min Scan# 848
Delta R.T. 0.005 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

Instrument :
BNA_E
ClientSampleId :
MH-2

Tgt Ion:152 Resp: 72912
Ion Ratio Lower Upper
152 100
150 158.3 124.2 186.4
115 57.4 45.3 67.9

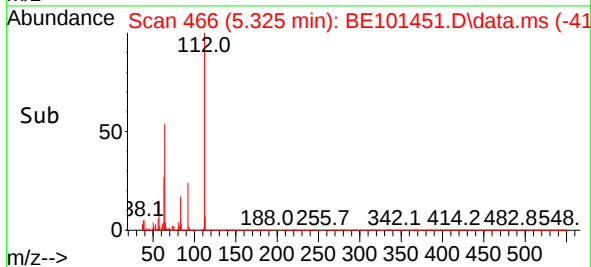
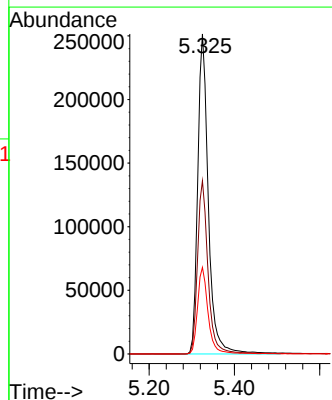
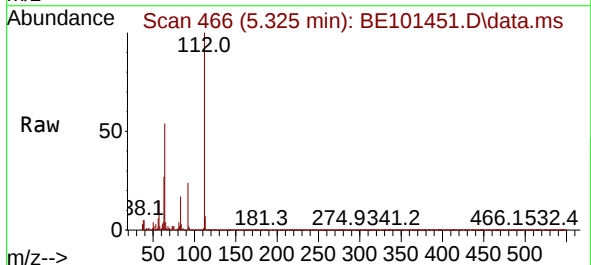
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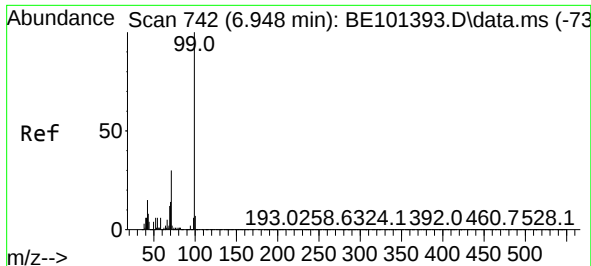
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#5
2-Fluorophenol
Concen: 104.526 ng
RT: 5.325 min Scan# 466
Delta R.T. 0.005 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

Tgt Ion:112 Resp: 434837
Ion Ratio Lower Upper
112 100
64 54.1 43.7 65.5
63 27.1 21.4 32.2





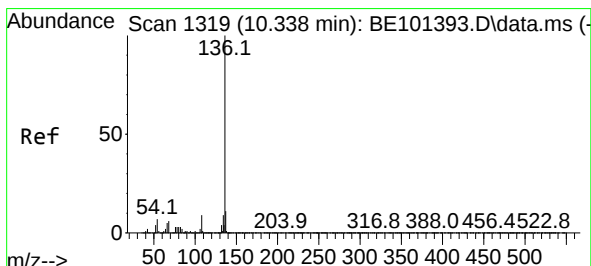
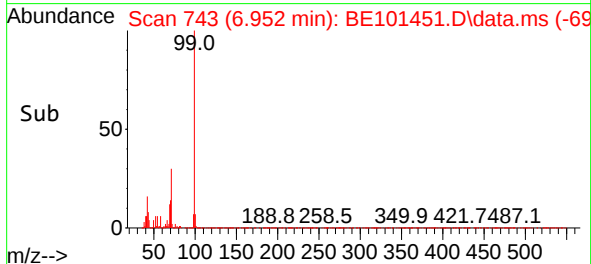
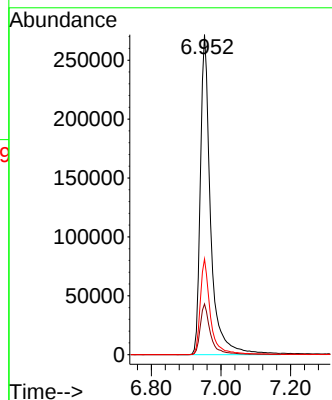
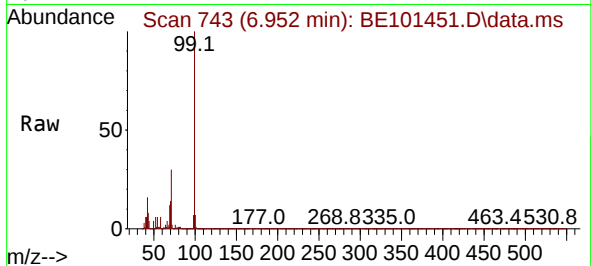
#7
Phenol-d6
Concen: 96.799 ng
RT: 6.952 min Scan# 742
Delta R.T. 0.005 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

Instrument :
BNA_E
ClientSampleId :
MH-2

Tgt Ion: 99 Resp: 55837
Ion Ratio Lower Upper
99 100
42 15.8 12.3 18.5
71 29.9 23.8 35.8

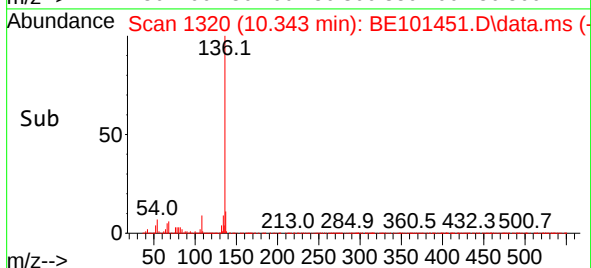
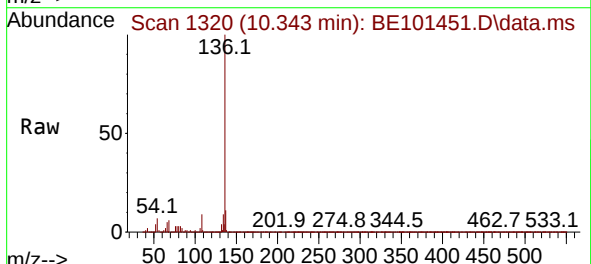
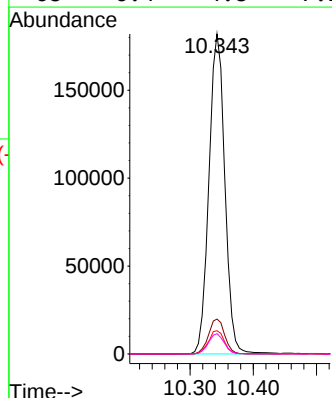
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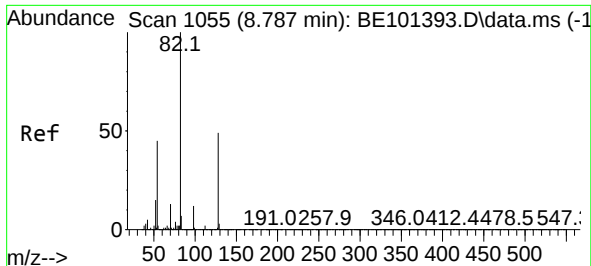
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.343 min Scan# 1320
Delta R.T. 0.005 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

Tgt Ion:136 Resp: 317928
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.2 5.9 8.9
68 6.4 4.8 7.2





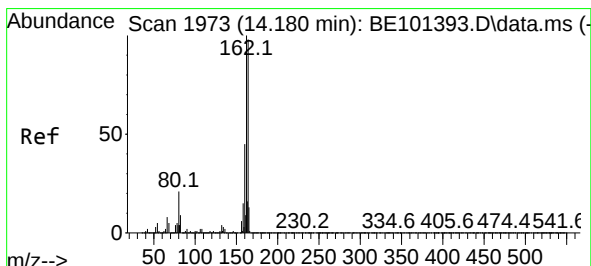
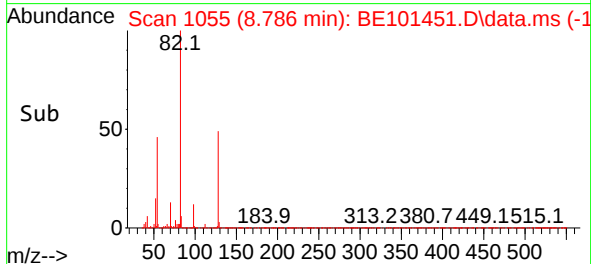
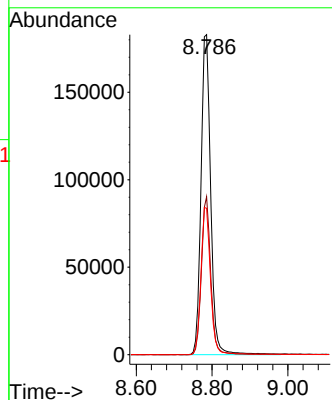
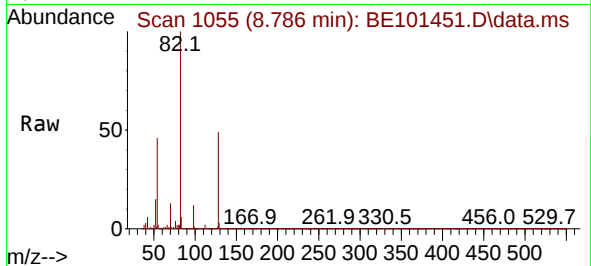
#23
Nitrobenzene-d5
Concen: 64.438 ng
RT: 8.786 min Scan# 1055
Delta R.T. -0.001 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

Instrument :
BNA_E
ClientSampleId :
MH-2

Tgt Ion: 82 Resp: 32617
Ion Ratio Lower Upper
82 100
128 49.3 38.9 58.3
54 45.8 36.2 54.4

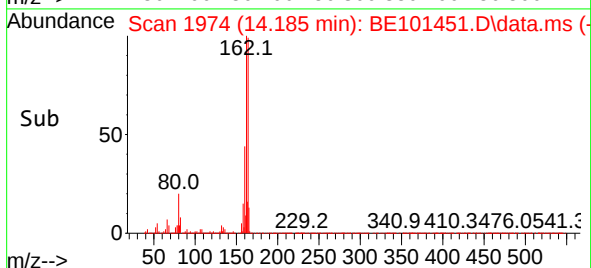
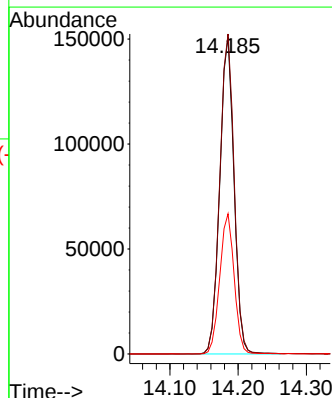
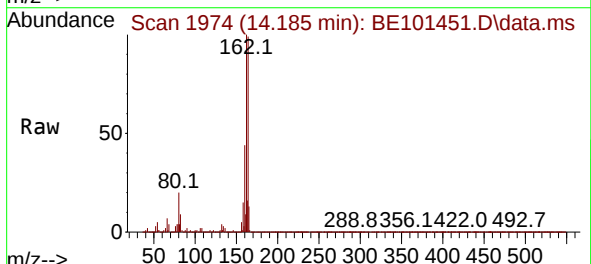
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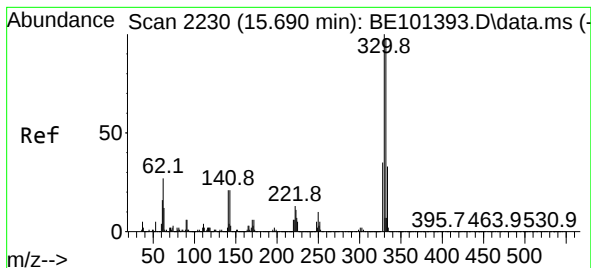
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.185 min Scan# 1974
Delta R.T. 0.005 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

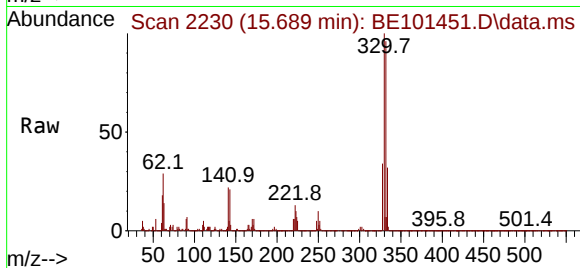
Tgt Ion:164 Resp: 218763
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 44.3 36.4 54.6





#42
2,4,6-Tribromophenol
Concen: 100.987 ng
RT: 15.689 min Scan# 21
Delta R.T. -0.001 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

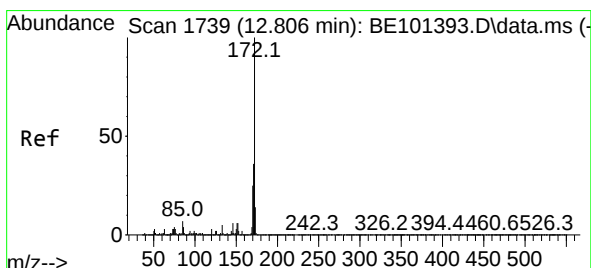
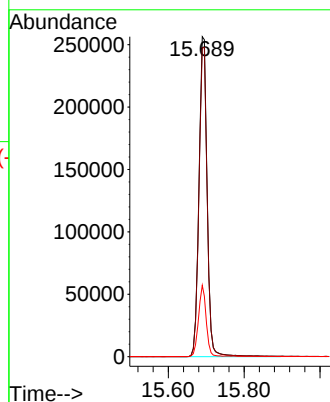
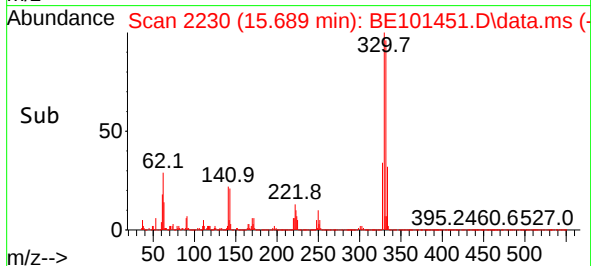
Instrument :
BNA_E
ClientSampleId :
MH-2



Tgt Ion:330 Resp: 38720
Ion Ratio Lower Upper
330 100
332 96.8 78.2 117.2
141 20.9 18.3 27.5

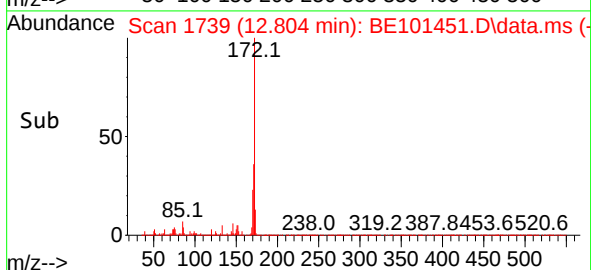
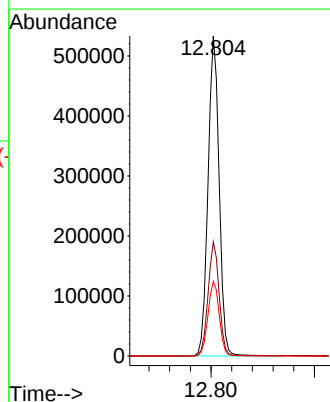
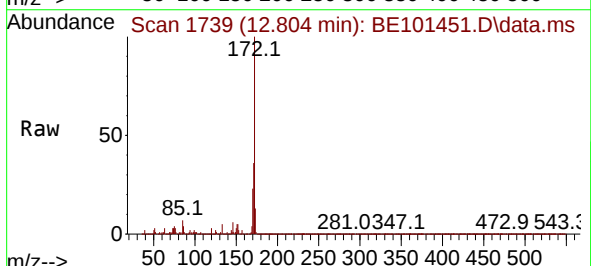
Manual Integrations
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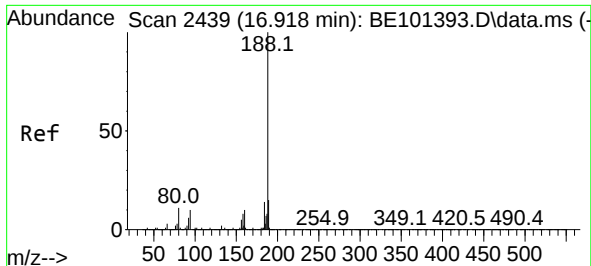
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#45
2-Fluorobiphenyl
Concen: 61.490 ng
RT: 12.804 min Scan# 1739
Delta R.T. -0.001 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

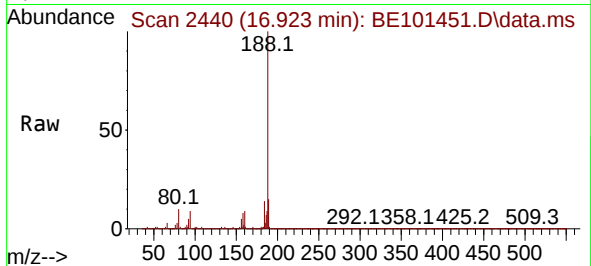
Tgt Ion:172 Resp: 794303
Ion Ratio Lower Upper
172 100
171 35.7 29.2 43.8
170 23.3 19.8 29.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.923 min Scan# 2439
Delta R.T. 0.005 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

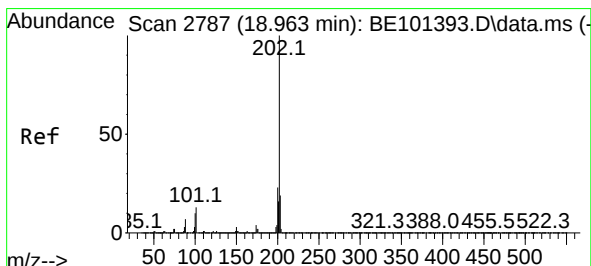
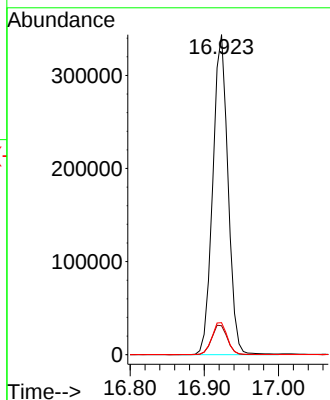
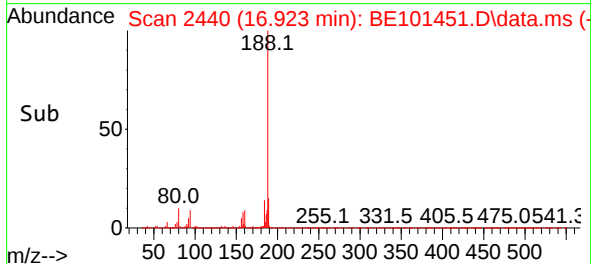
Instrument :
BNA_E
ClientSampleId :
MH-2



Tgt Ion:188 Resp: 48938
Ion Ratio Lower Upper
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94 9.0 7.8 11.8
80 10.0 8.6 12.8

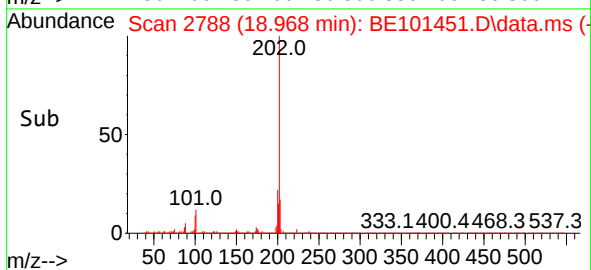
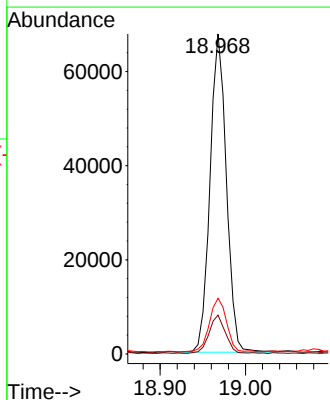
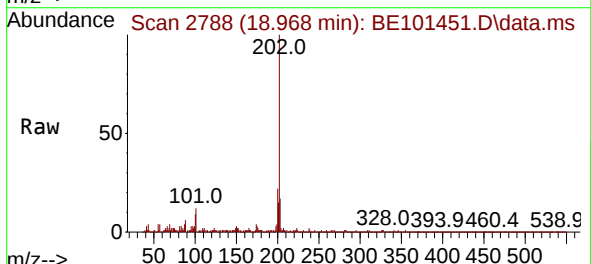
Manual Integrations
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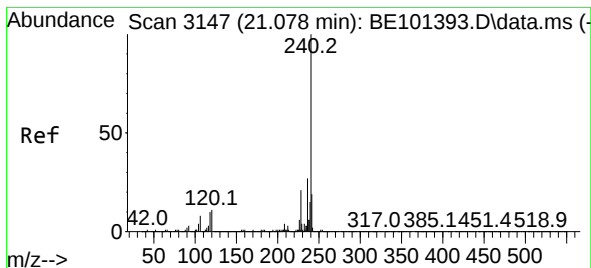
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#75
Fluoranthene
Concen: 3.177 ng
RT: 18.968 min Scan# 2788
Delta R.T. 0.005 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

Tgt Ion:202 Resp: 90424
Ion Ratio Lower Upper
202 100
101 12.1 0.0 33.3
203 17.4 0.0 39.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.083 min Scan# 3147

Delta R.T. 0.005 min

Lab File: BE101451.D

Acq: 1 Nov 2024 16:21

Instrument :

BNA_E

ClientSampleId :

MH-2

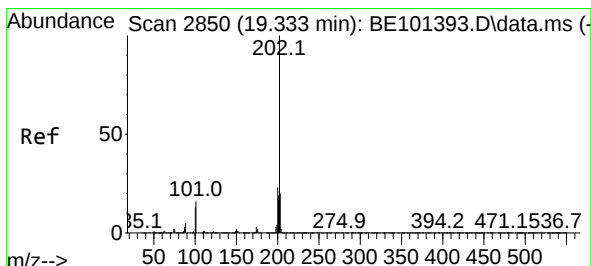
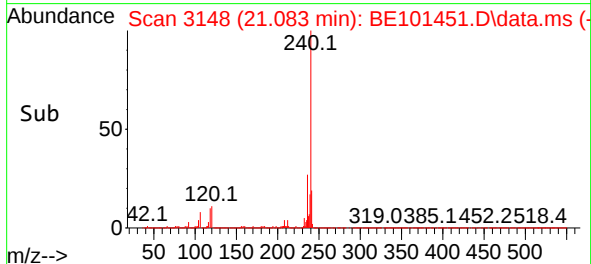
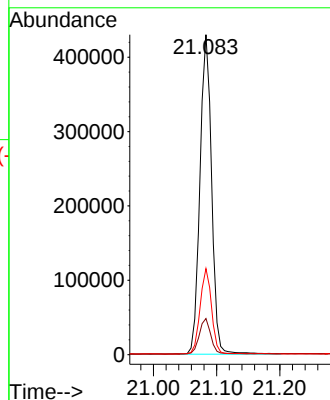
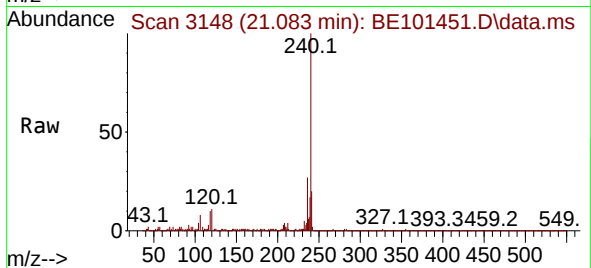
Tgt Ion:240 Resp: 550274
 Ion Ratio Lower Upper
 240 100
 120 11.3 9.0 13.4
 236 26.9 21.4 32.0

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 11/04/2024



#78

Pyrene

Concen: 3.501 ng

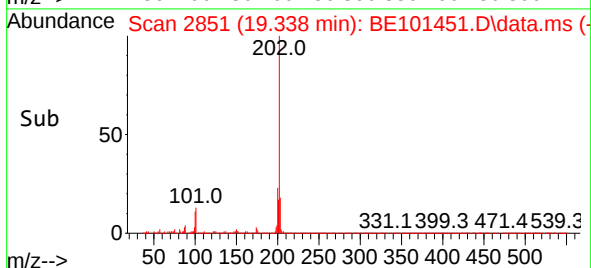
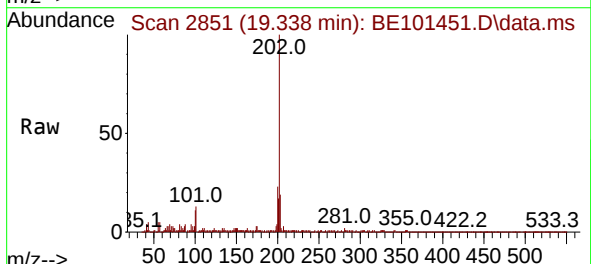
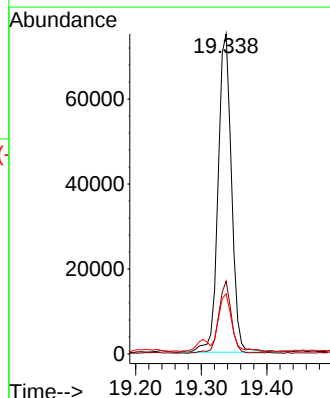
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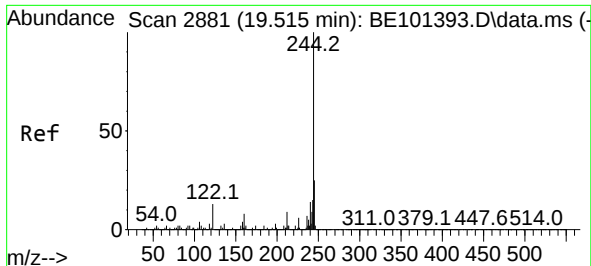
Delta R.T. 0.005 min

Lab File: BE101451.D

Acq: 1 Nov 2024 16:21

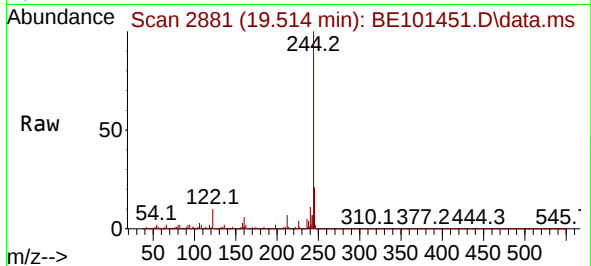
Tgt Ion:202 Resp: 105957
 Ion Ratio Lower Upper
 202 100
 200 22.8 18.6 28.0
 203 18.8 15.6 23.4





#79
 Terphenyl-d14
 Concen: 67.644 ng
 RT: 19.514 min Scan# 2881
 Delta R.T. -0.001 min
 Lab File: BE101451.D
 Acq: 1 Nov 2024 16:21

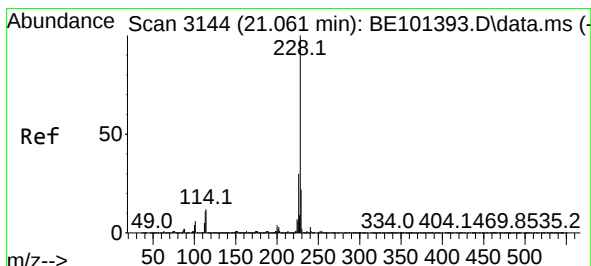
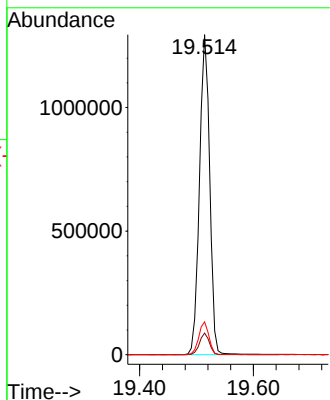
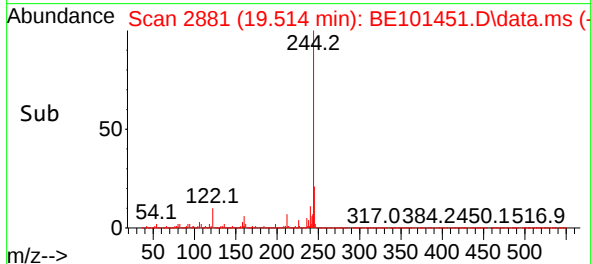
Instrument :
 BNA_E
 ClientSampleId :
 MH-2



Tgt Ion:244 Resp: 1617284
 Ion Ratio Lower Upper
 244 100
 212 6.8 7.2 10.8
 122 10.3 10.4 15.6

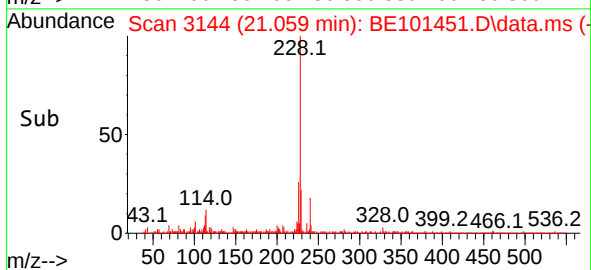
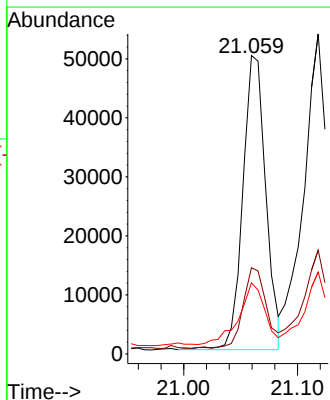
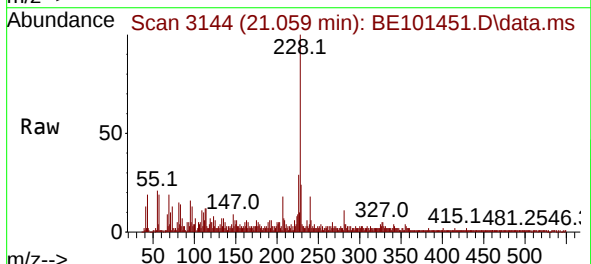
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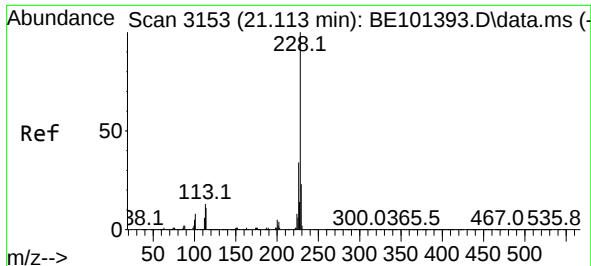
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024



#81
 Benzo(a)anthracene
 Concen: 2.263 ng
 RT: 21.059 min Scan# 3144
 Delta R.T. -0.001 min
 Lab File: BE101451.D
 Acq: 1 Nov 2024 16:21

Tgt Ion:228 Resp: 69984
 Ion Ratio Lower Upper
 228 100
 226 28.9 24.1 36.1
 229 23.8 17.3 25.9





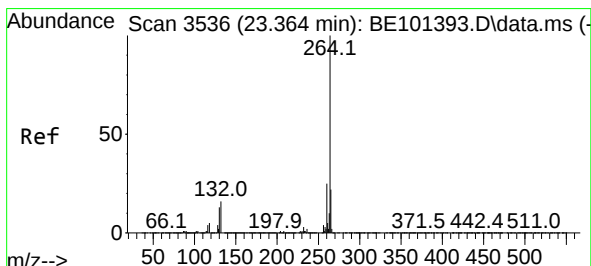
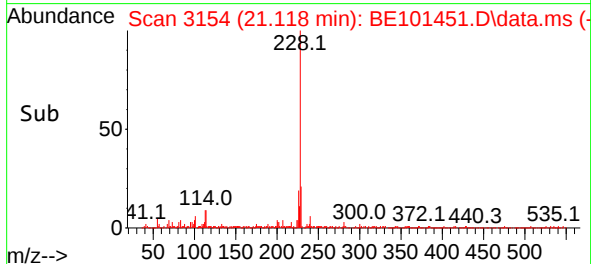
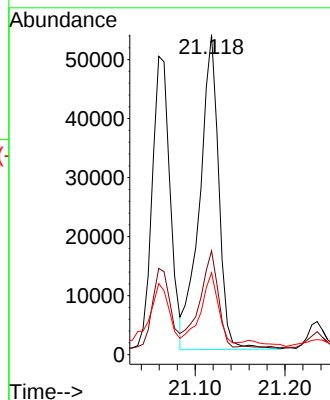
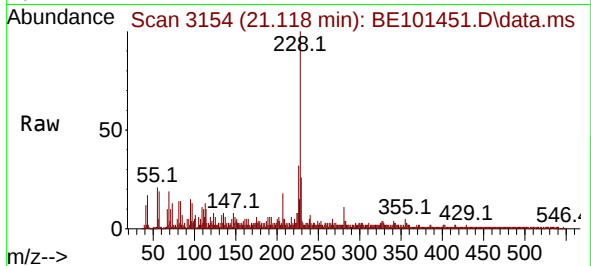
#83
Chrysene
Concen: 2.634 ng
RT: 21.118 min Scan# 3153
Delta R.T. 0.005 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

Instrument :
BNA_E
ClientSampleId :
MH-2

Tgt Ion:228 Resp: 78780
Ion Ratio Lower Upper
228 100
226 32.4 27.2 40.8
229 25.6 18.0 27.0

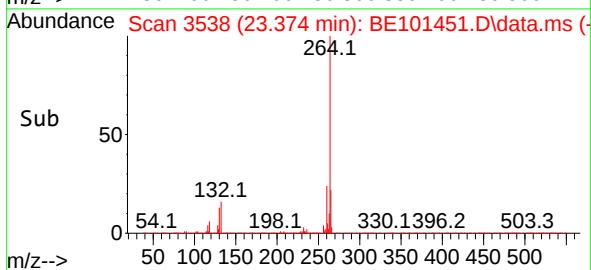
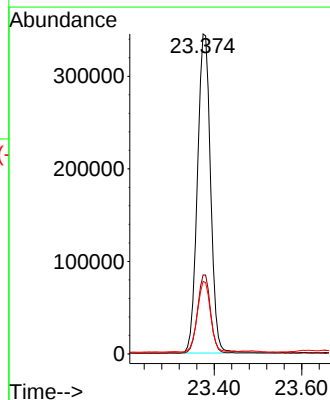
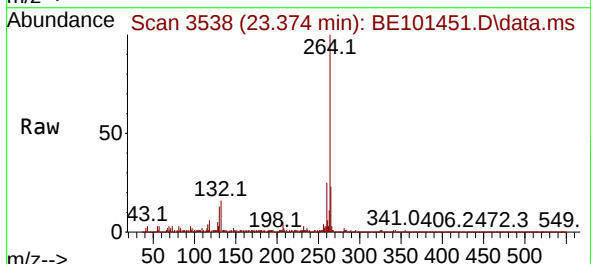
Manual Integrations
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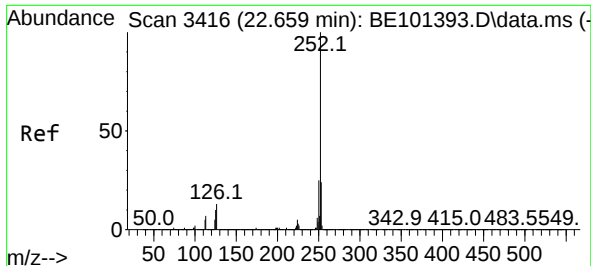
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.374 min Scan# 3538
Delta R.T. 0.011 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

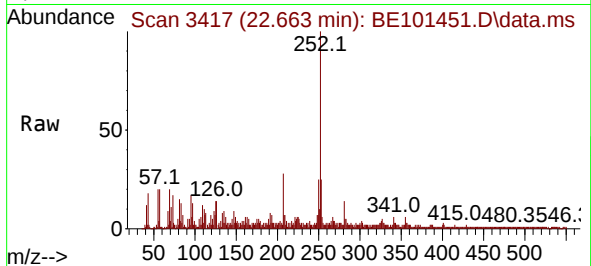
Tgt Ion:264 Resp: 722258
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.8
265 22.7 17.6 26.4





#88
Benzo(b)fluoranthene
Concen: 3.224 ng m
RT: 22.663 min Scan# 3416
Delta R.T. 0.005 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

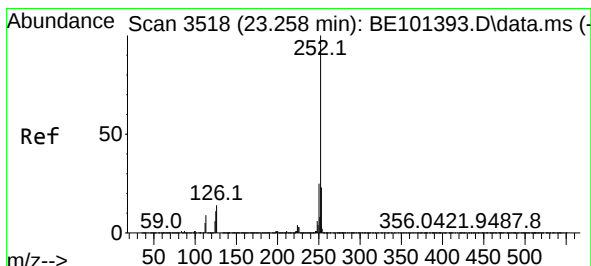
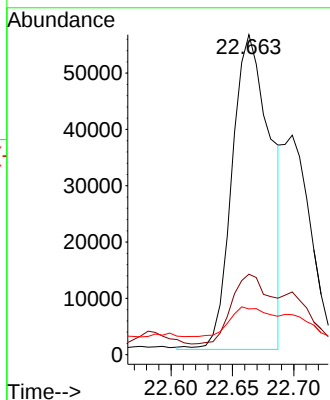
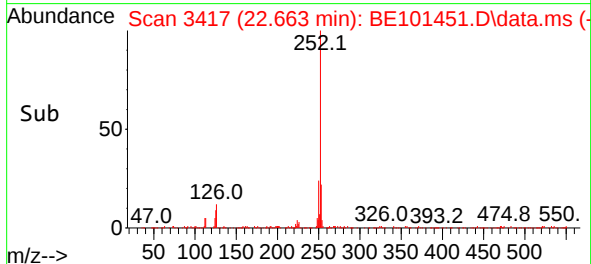
Instrument :
BNA_E
ClientSampleId :
MH-2



Tgt Ion:252 Resp: 121352
Ion Ratio Lower Upper
252 100
253 25.2 19.0 28.6
125 14.3 8.2 12.2

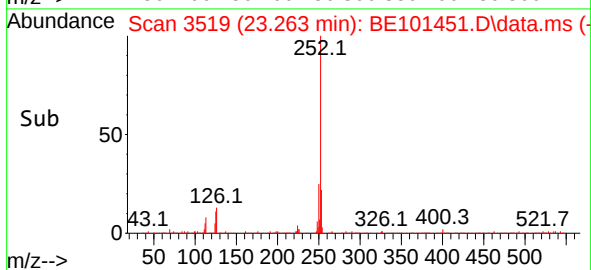
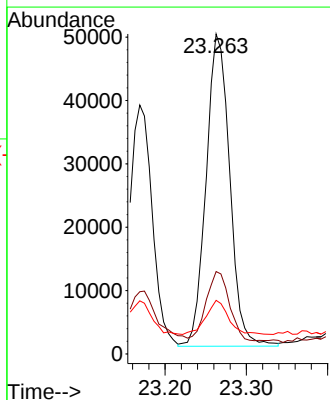
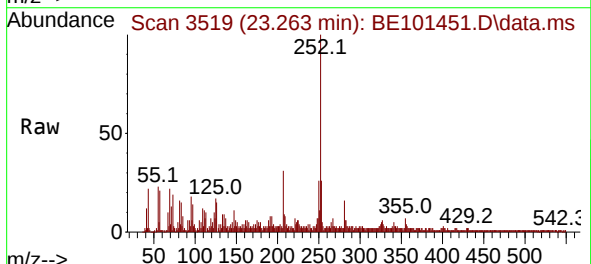
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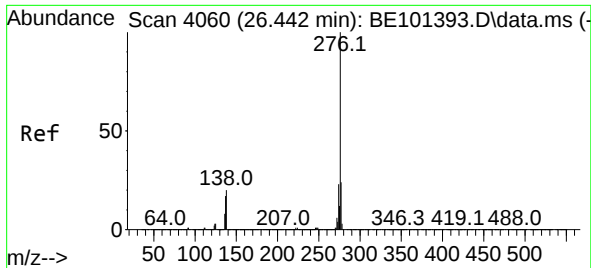
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#90
Benzo(a)pyrene
Concen: 3.023 ng
RT: 23.263 min Scan# 3519
Delta R.T. 0.005 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

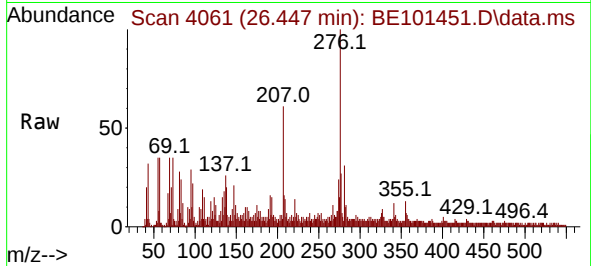
Tgt Ion:252 Resp: 99509
Ion Ratio Lower Upper
252 100
253 25.8 18.4 27.6
125 16.8 9.0 13.6





#92
Benzo(g,h,i)perylene
Concen: 2.177 ng
RT: 26.447 min Scan# 4061
Delta R.T. 0.005 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

Instrument :
BNA_E
ClientSampleId :
MH-2



Tgt Ion: 276 Resp: 89574
Ion Ratio Lower Upper
276 100
277 27.0 19.4 29.2
138 20.4 15.8 23.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

