

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111224\
 Data File : BE101586.D
 Acq On : 12 Nov 2024 21:38
 Operator : RC/JU
 Sample : P4796-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TP-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/13/2024
 Supervised By :Jagrut Upadhyay 11/13/2024

Quant Time: Nov 13 00:18:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 00:01:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	40804	20.000	ng	-0.01
21) Naphthalene-d8	10.320	136	190335	20.000	ng	-0.01
39) Acenaphthene-d10	14.168	164	135860	20.000	ng	0.00
64) Phenanthrene-d10	16.906	188	314390	20.000	ng	0.00
76) Chrysene-d12	21.066	240	332915	20.000	ng	-0.01
86) Perylene-d12	23.351	264	428699	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.308	112	203464	88.168	ng	0.00
7) Phenol-d6	6.935	99	276253	87.311	ng	-0.01
23) Nitrobenzene-d5	8.763	82	159389	52.895	ng	-0.01
42) 2,4,6-Tribromophenol	15.672	330	203415	79.569	ng	-0.01
45) 2-Fluorobiphenyl	12.787	172	460972	55.401	ng	-0.01
79) Terphenyl-d14	19.497	244	1001687	66.602	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	18.951	202	40812	2.082	ng	99
78) Pyrene	19.321	202	40859	2.157	ng	99
88) Benzo(b)fluoranthene	22.640	252	57406m	2.441	ng	

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

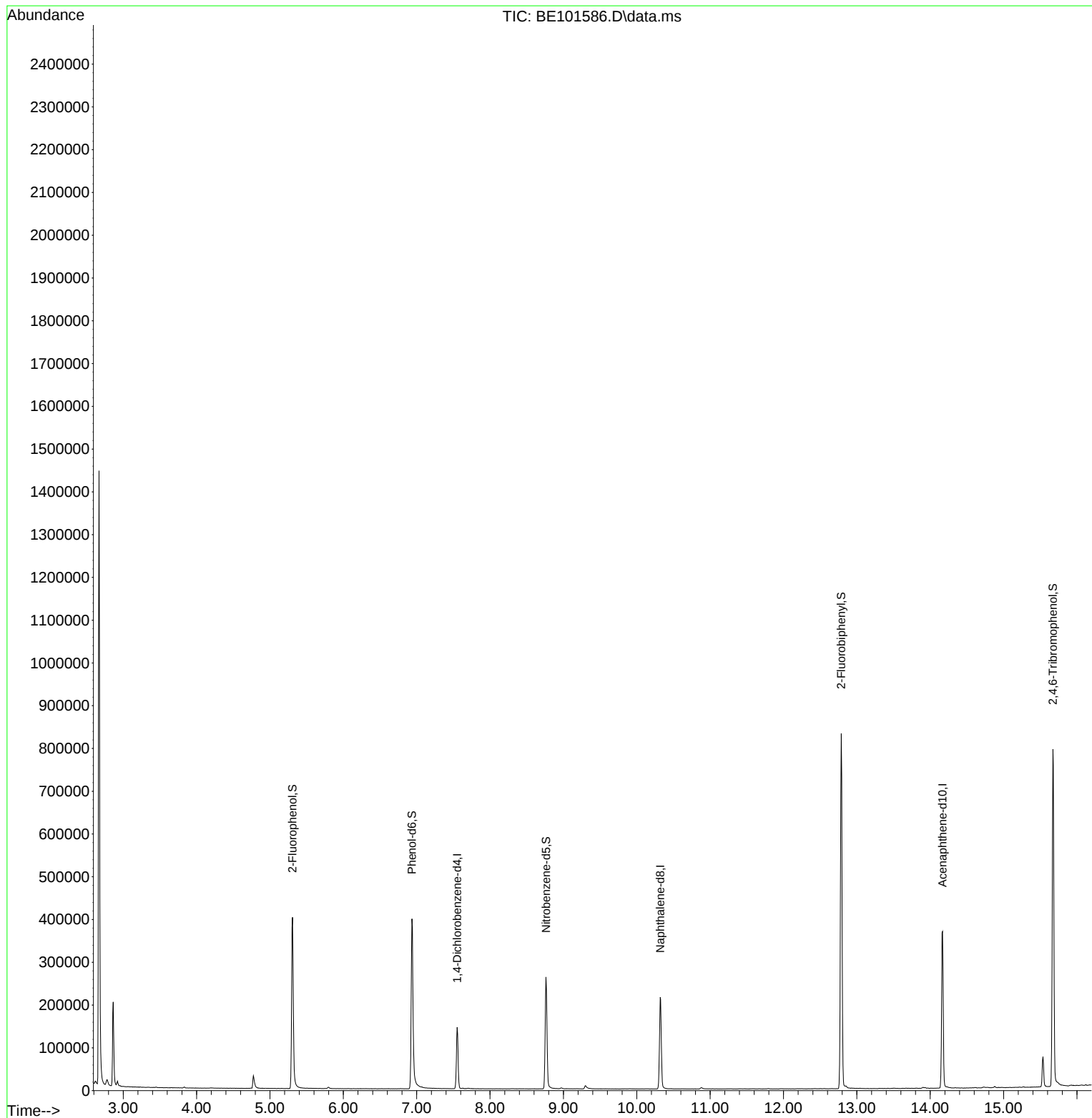
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111224\
Data File : BE101586.D
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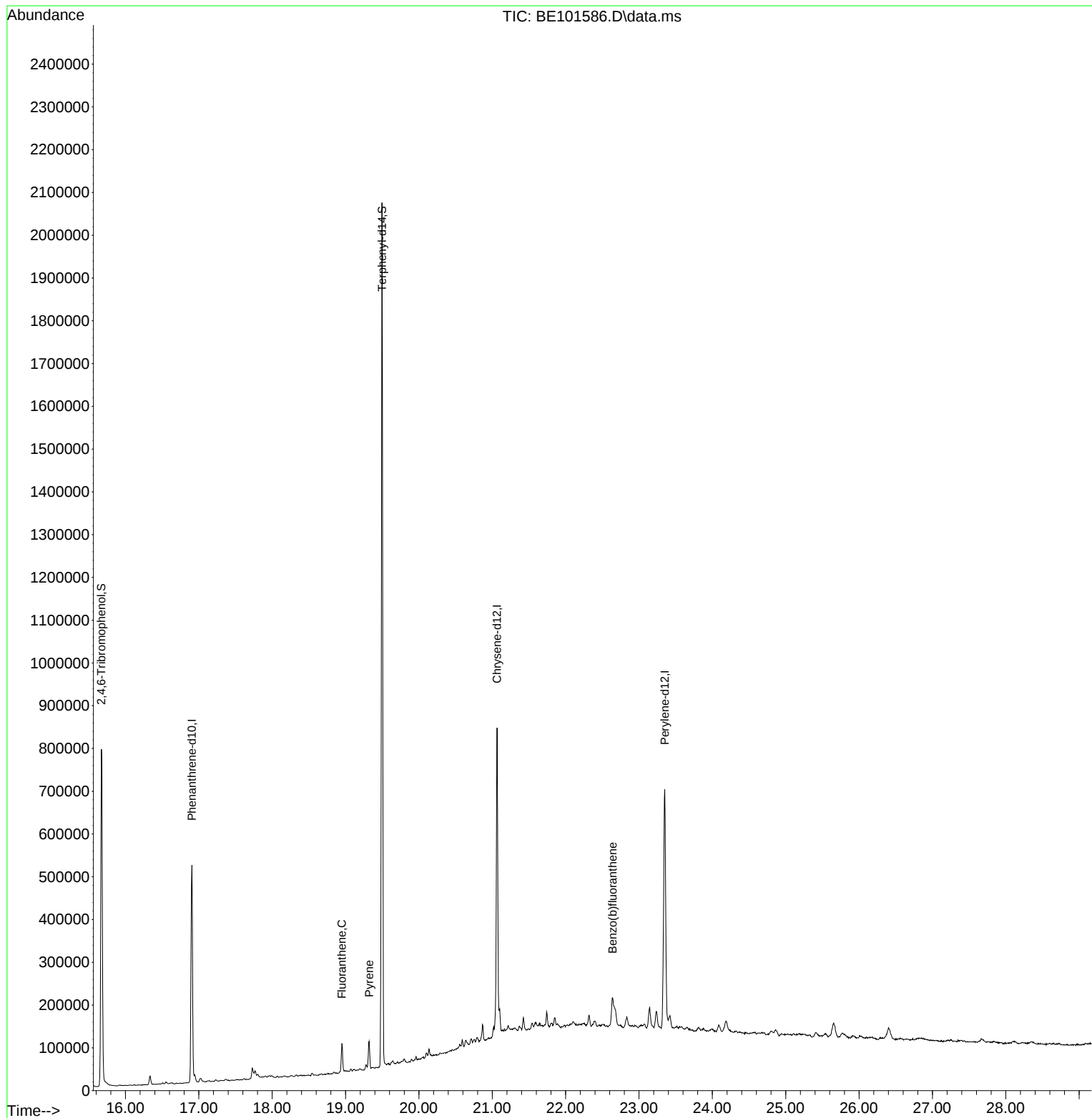
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111224\
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APPROVED

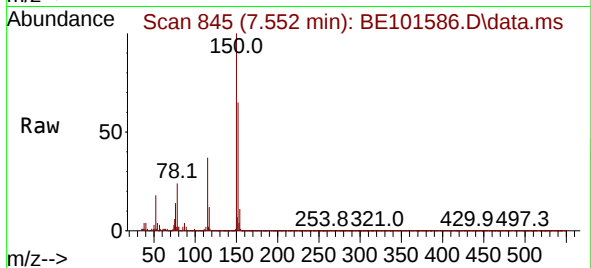
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :Jagrut Upadhyay 11/13/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.552 min Scan# 847
Delta R.T. -0.011 min
Lab File: BE101586.D
Acq: 12 Nov 2024 21:38

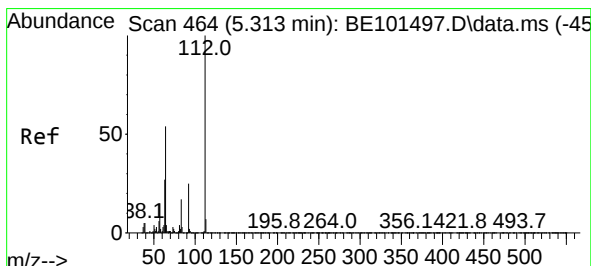
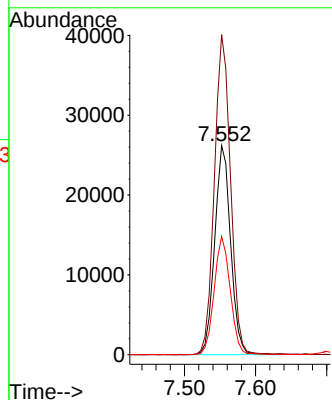
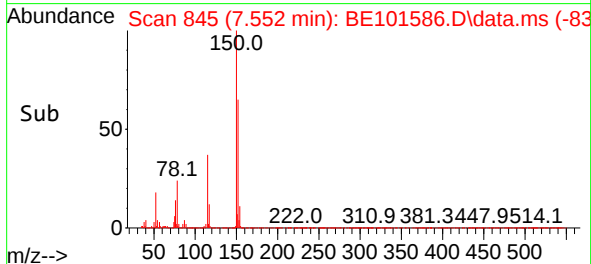
Instrument :
BNA_E
ClientSampleId :
TP-1



Tgt Ion:152 Resp: 40804
Ion Ratio Lower Upper
152 100
150 153.0 126.3 189.5
115 56.6 45.0 67.4

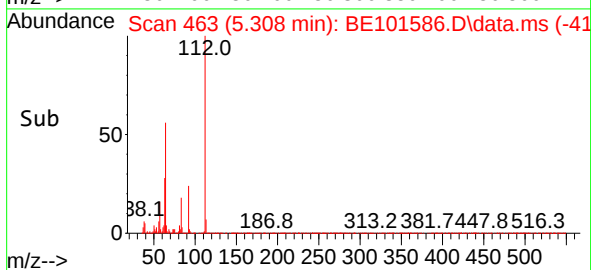
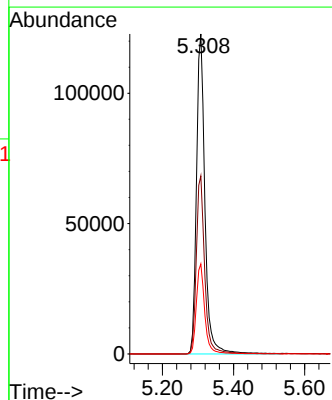
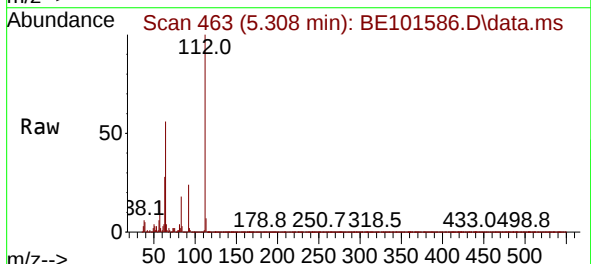
Manual Integrations
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#5
2-Fluorophenol
Concen: 88.168 ng
RT: 5.308 min Scan# 463
Delta R.T. -0.005 min
Lab File: BE101586.D
Acq: 12 Nov 2024 21:38

Tgt Ion:112 Resp: 203464
Ion Ratio Lower Upper
112 100
64 55.6 43.2 64.8
63 28.1 21.8 32.6





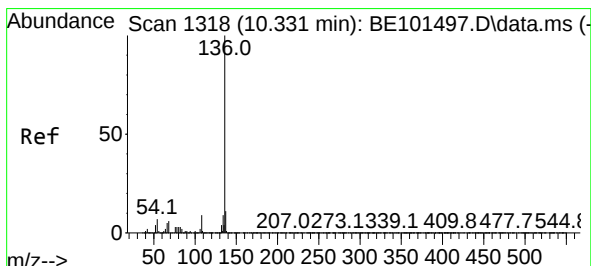
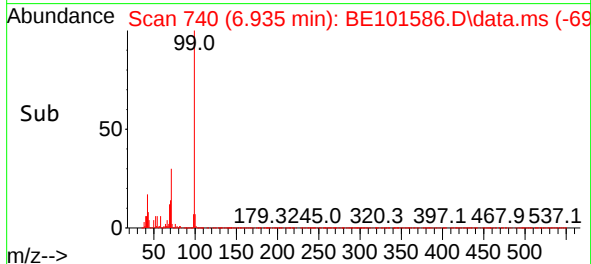
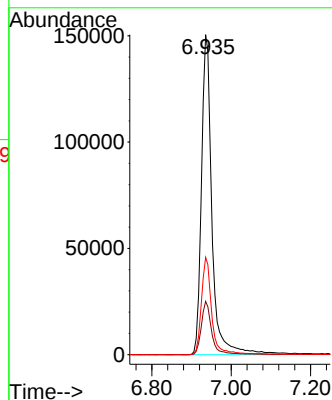
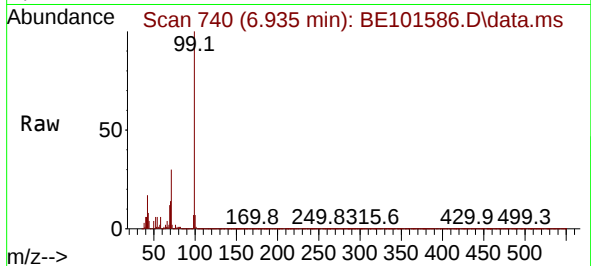
#7
Phenol-d6
Concen: 87.311 ng
RT: 6.935 min Scan# 742
Delta R.T. -0.011 min
Lab File: BE101586.D
Acq: 12 Nov 2024 21:38

Instrument :
BNA_E
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 27625
Ion Ratio Lower Upper
99 100
42 16.6 12.5 18.7
71 30.4 24.2 36.2

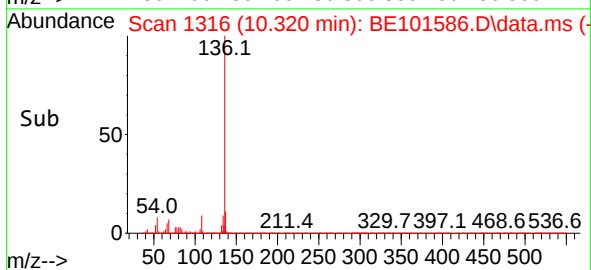
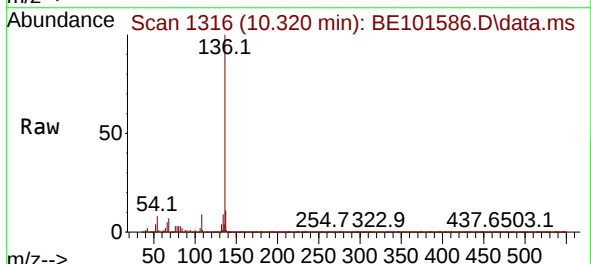
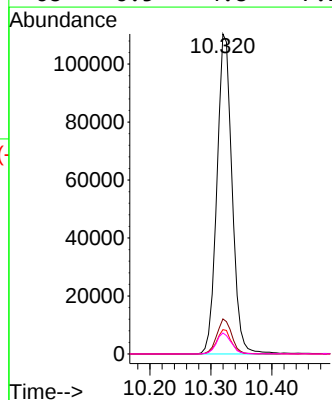
Manual Integrations
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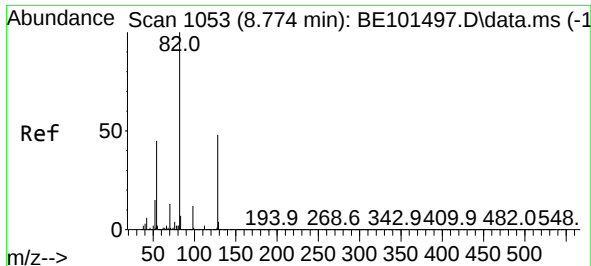
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :Jagrut Upadhyay 11/13/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.320 min Scan# 1316
Delta R.T. -0.011 min
Lab File: BE101586.D
Acq: 12 Nov 2024 21:38

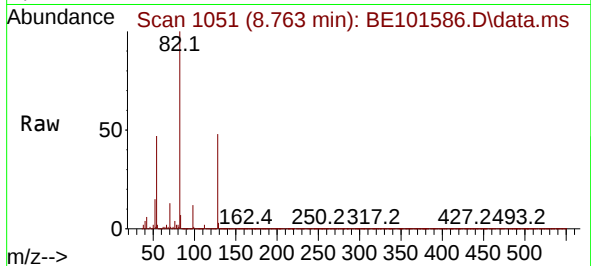
Tgt Ion:136 Resp: 190335
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.6 5.6 8.4
68 6.5 4.8 7.2





#23
Nitrobenzene-d5
Concen: 52.895 ng
RT: 8.763 min Scan# 1051
Delta R.T. -0.011 min
Lab File: BE101586.D
Acq: 12 Nov 2024 21:38

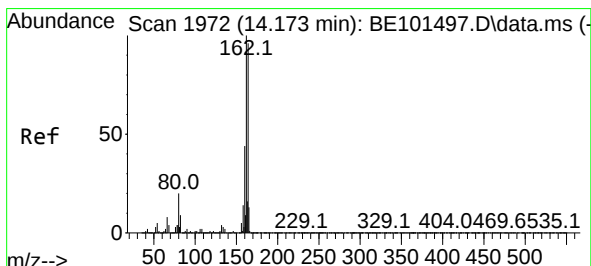
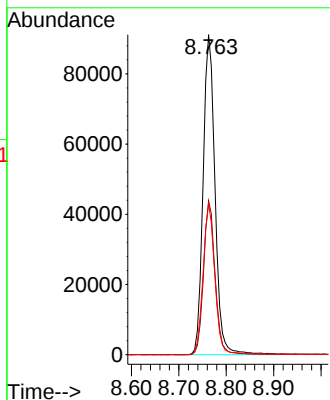
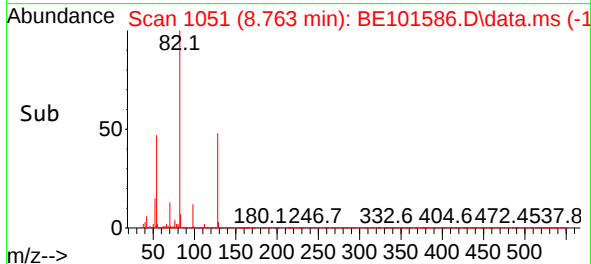
Instrument :
BNA_E
ClientSampleId :
TP-1



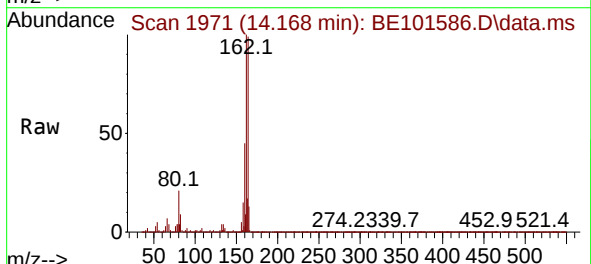
Tgt Ion: 82 Resp: 159389
Ion Ratio Lower Upper
82 100
128 48.1 38.6 58.0
54 47.1 36.3 54.5

Manual Integrations
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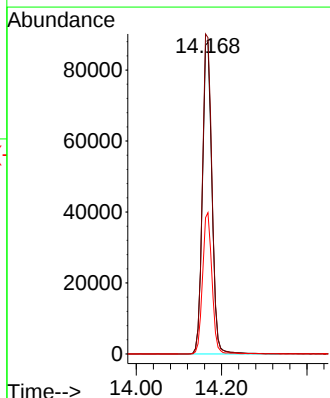
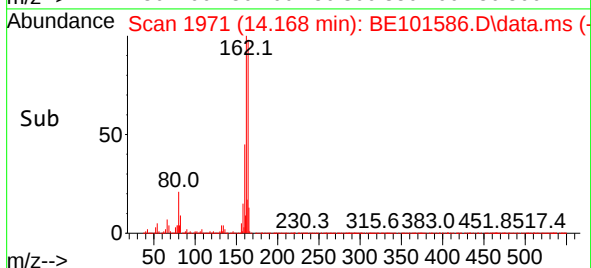
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :Jagrut Upadhyay 11/13/2024

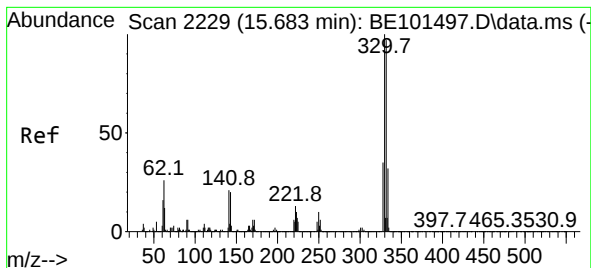


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.168 min Scan# 1971
Delta R.T. -0.005 min
Lab File: BE101586.D
Acq: 12 Nov 2024 21:38



Tgt Ion:164 Resp: 135860
Ion Ratio Lower Upper
164 100
162 101.5 83.7 125.5
160 45.3 37.1 55.7





#42
2,4,6-Tribromophenol
Concen: 79.569 ng
RT: 15.672 min Scan# 21
Delta R.T. -0.011 min
Lab File: BE101586.D
Acq: 12 Nov 2024 21:38

Instrument :

BNA_E

ClientSampleId :

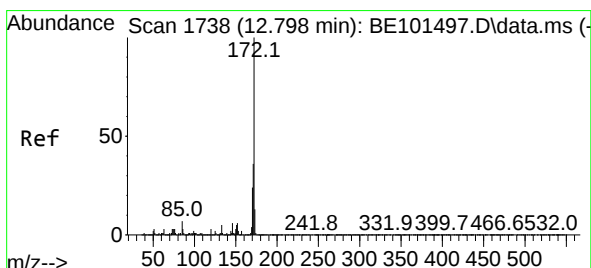
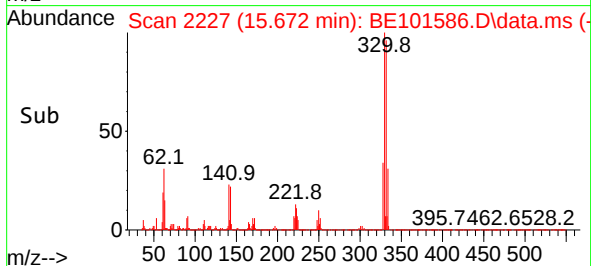
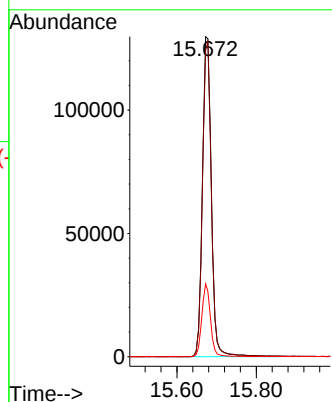
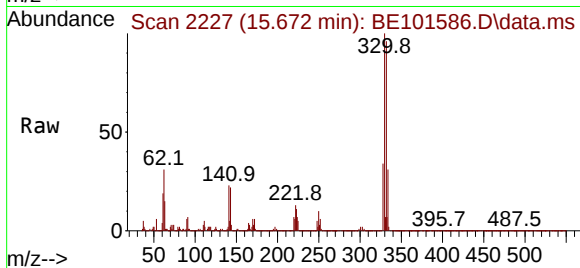
TP-1

Tgt Ion: 330 Resp: 20341
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 21.8 17.0 25.4

Manual Integrations

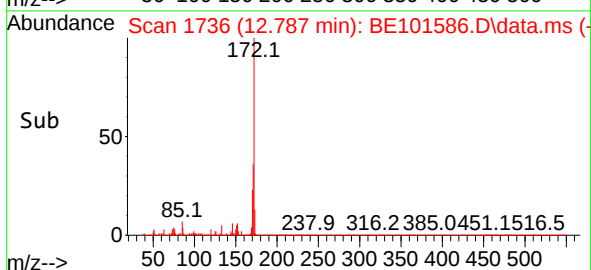
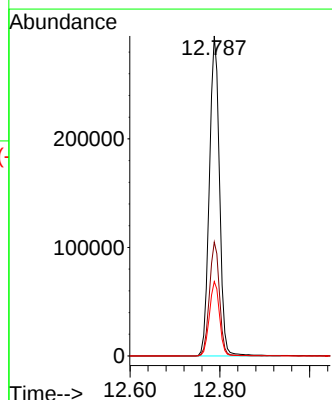
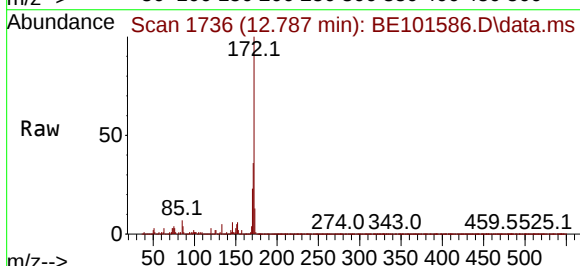
APPROVED

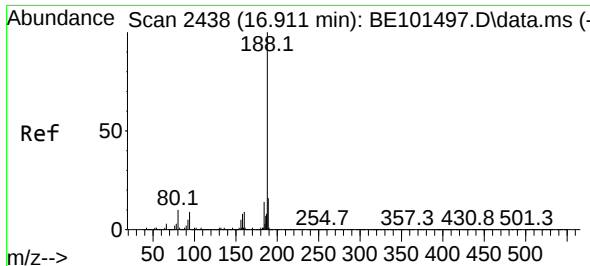
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :Jagrut Upadhyay 11/13/2024



#45
2-Fluorobiphenyl
Concen: 55.401 ng
RT: 12.787 min Scan# 1736
Delta R.T. -0.011 min
Lab File: BE101586.D
Acq: 12 Nov 2024 21:38

Tgt Ion: 172 Resp: 460972
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.2 18.9 28.3





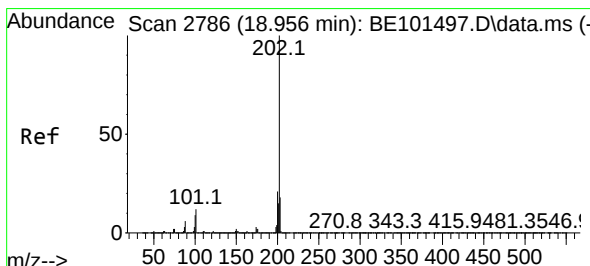
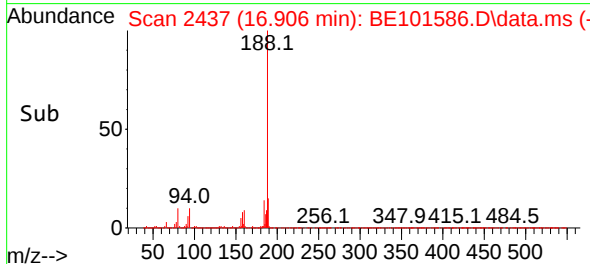
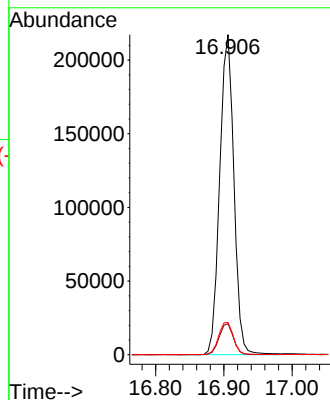
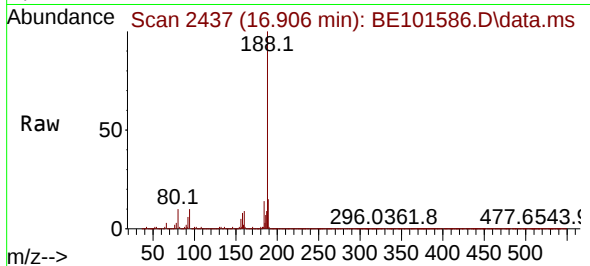
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.906 min Scan# 2438
Delta R.T. -0.005 min
Lab File: BE101586.D
Acq: 12 Nov 2024 21:38

Instrument :
BNA_E
ClientSampleId :
TP-1

Tgt Ion:188 Resp: 314390
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.0 8.0 12.0

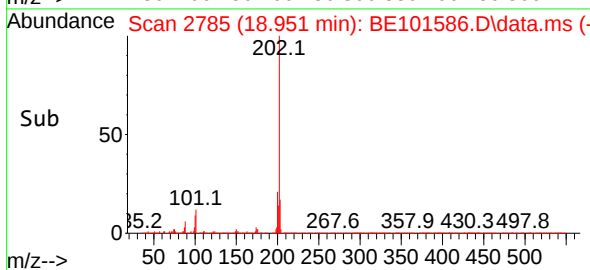
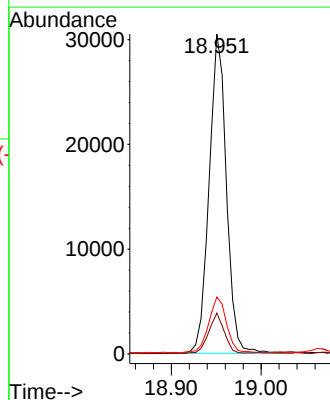
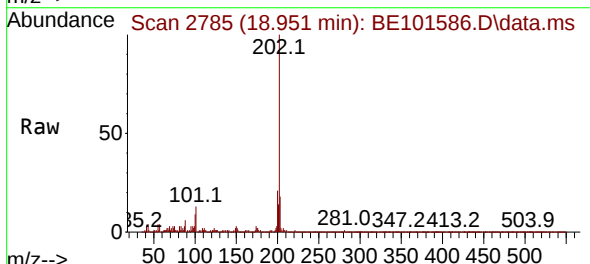
Manual Integrations
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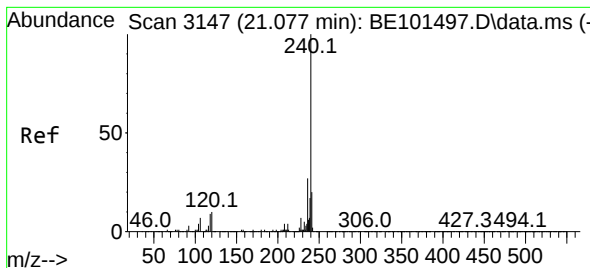
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :Jagrut Upadhyay 11/13/2024



#75
Fluoranthene
Concen: 2.082 ng
RT: 18.951 min Scan# 2785
Delta R.T. -0.005 min
Lab File: BE101586.D
Acq: 12 Nov 2024 21:38

Tgt Ion:202 Resp: 40812
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.7
203 17.8 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.066 min Scan# 3145

Delta R.T. -0.011 min

Lab File: BE101586.D

Acq: 12 Nov 2024 21:38

Instrument :

BNA_E

ClientSampleId :

TP-1

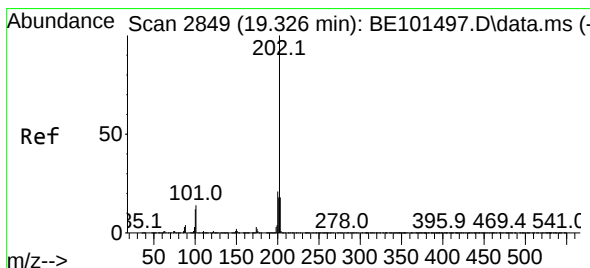
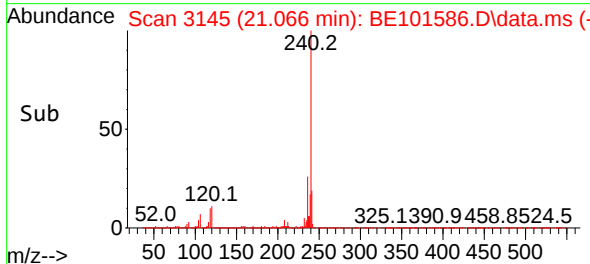
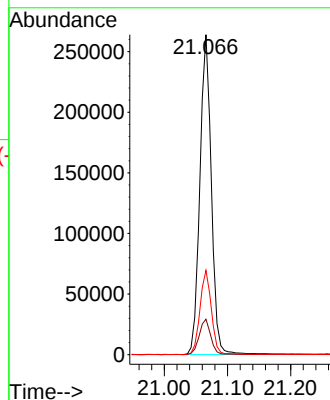
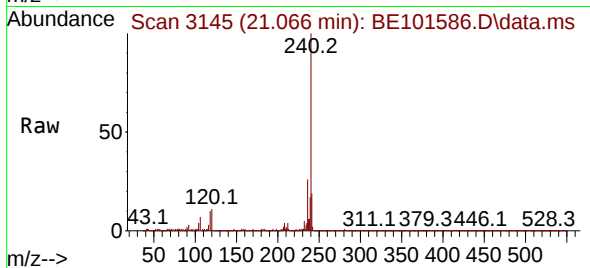
Tgt Ion:240 Resp: 332915
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.2 12.4
 236 26.3 21.4 32.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 11/13/2024



#78

Pyrene

Concen: 2.157 ng

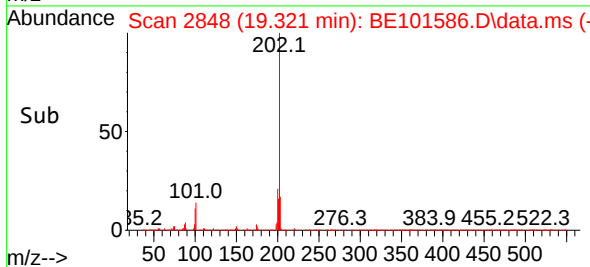
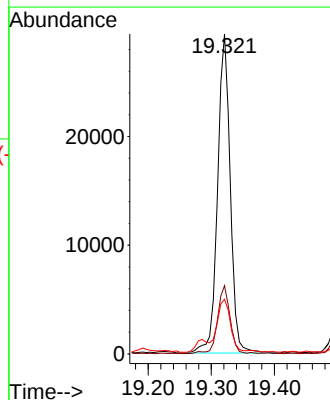
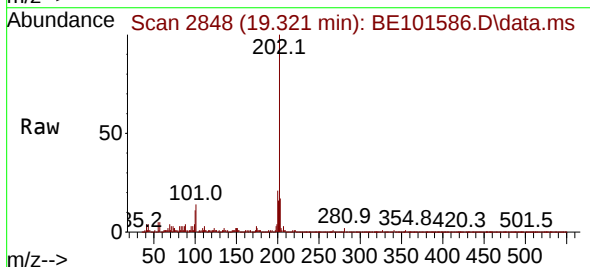
RT: 19.321 min Scan# 2848

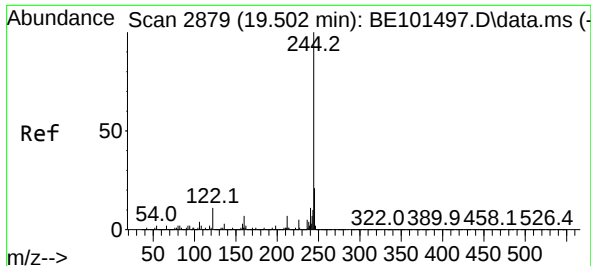
Delta R.T. -0.005 min

Lab File: BE101586.D

Acq: 12 Nov 2024 21:38

Tgt Ion:202 Resp: 40859
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.2 25.8
 203 17.1 14.2 21.4





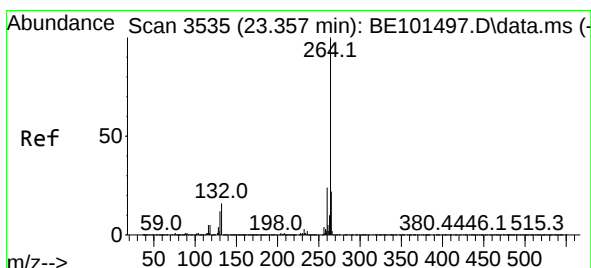
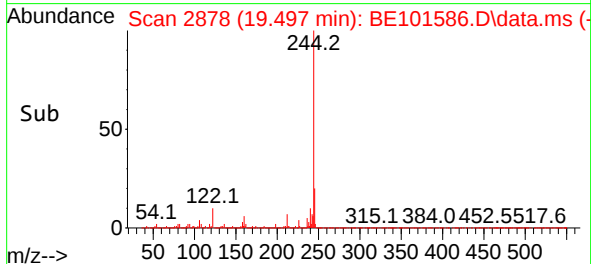
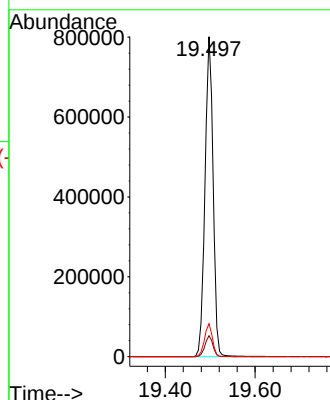
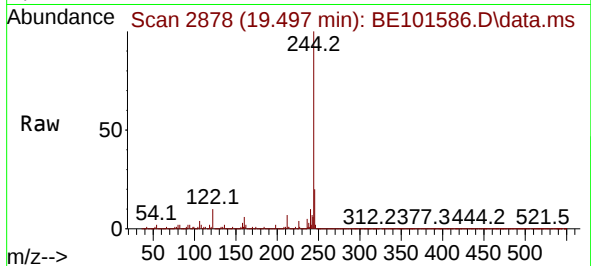
#79
Terphenyl-d14
Concen: 66.602 ng
RT: 19.497 min Scan# 21
Delta R.T. -0.005 min
Lab File: BE101586.D
Acq: 12 Nov 2024 21:38

Instrument :
BNA_E
ClientSampleId :
TP-1

Tgt Ion:244 Resp: 100168
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.8
122 10.3 8.4 12.6

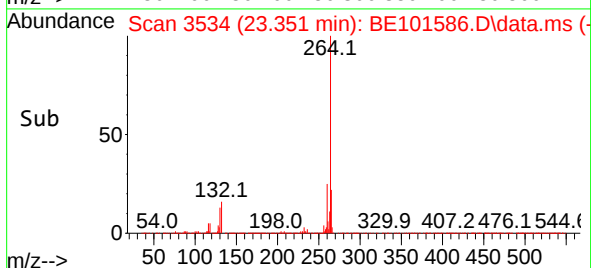
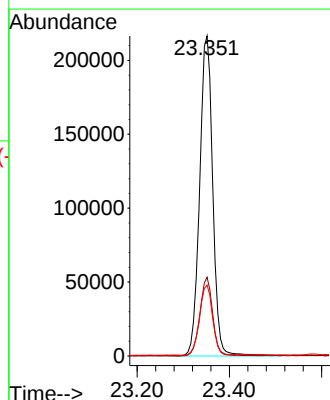
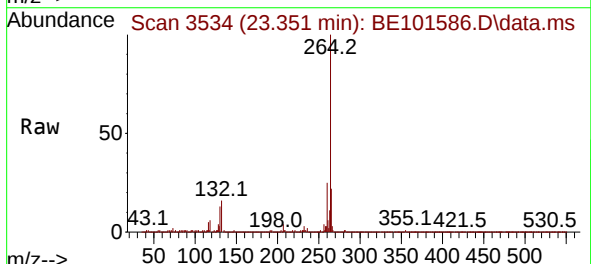
Manual Integrations
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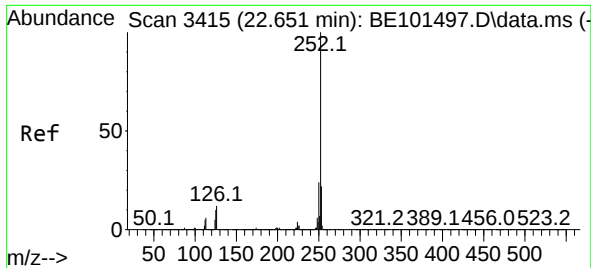
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :Jagrut Upadhyay 11/13/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.351 min Scan# 3534
Delta R.T. -0.005 min
Lab File: BE101586.D
Acq: 12 Nov 2024 21:38

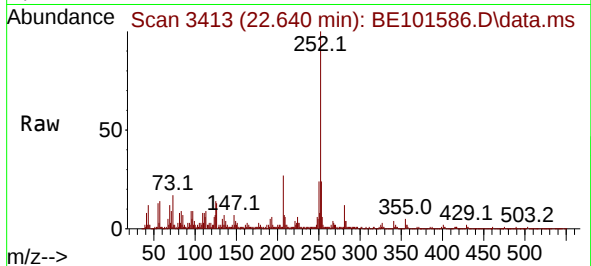
Tgt Ion:264 Resp: 428699
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.2
265 22.1 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 2.441 ng m
RT: 22.640 min Scan# 3413
Delta R.T. -0.011 min
Lab File: BE101586.D
Acq: 12 Nov 2024 21:38

Instrument :
BNA_E
ClientSampleId :
TP-1



Tgt Ion:252 Resp: 57400
Ion Ratio Lower Upper
252 100
253 24.0 17.7 26.5
125 13.5 7.8 11.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/13/2024
Supervised By :Jagrut Upadhyay 11/13/2024

