

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
 Data File : BE101476.D
 Acq On : 5 Nov 2024 13:20
 Operator : RC/JU
 Sample : P4675-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 COMP-2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/06/2024

Quant Time: Nov 05 13:06:20 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	7.570	152	54196	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	232476	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	158291	20.000	ng	0.00
64) Phenanthrene-d10	16.918	188	377849	20.000	ng	0.00
76) Chrysene-d12	21.077	240	468893	20.000	ng	0.00
86) Perylene-d12	23.363	264	597551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	281954	91.182	ng	0.00
7) Phenol-d6	6.947	99	372313	86.834	ng	0.00
23) Nitrobenzene-d5	8.774	82	212712	57.469	ng	-0.01
42) 2,4,6-Tribromophenol	15.684	330	250898	90.436	ng	0.00
45) 2-Fluorobiphenyl	12.799	172	578229	61.864	ng	0.00
79) Terphenyl-d14	19.509	244	1353479	66.435	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	16.953	178	64575	3.569	ng	98
75) Fluoranthene	18.962	202	134883	6.139	ng	95
78) Pyrene	19.327	202	116413	4.515	ng	96
81) Benzo(a)anthracene	21.054	228	74209	2.816	ng	95
83) Chrysene	21.107	228	68005	2.669	ng	95
88) Benzo(b)fluoranthene	22.652	252	72955m	2.343	ng	
90) Benzo(a)pyrene	23.251	252	68692	2.522	ng	99

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

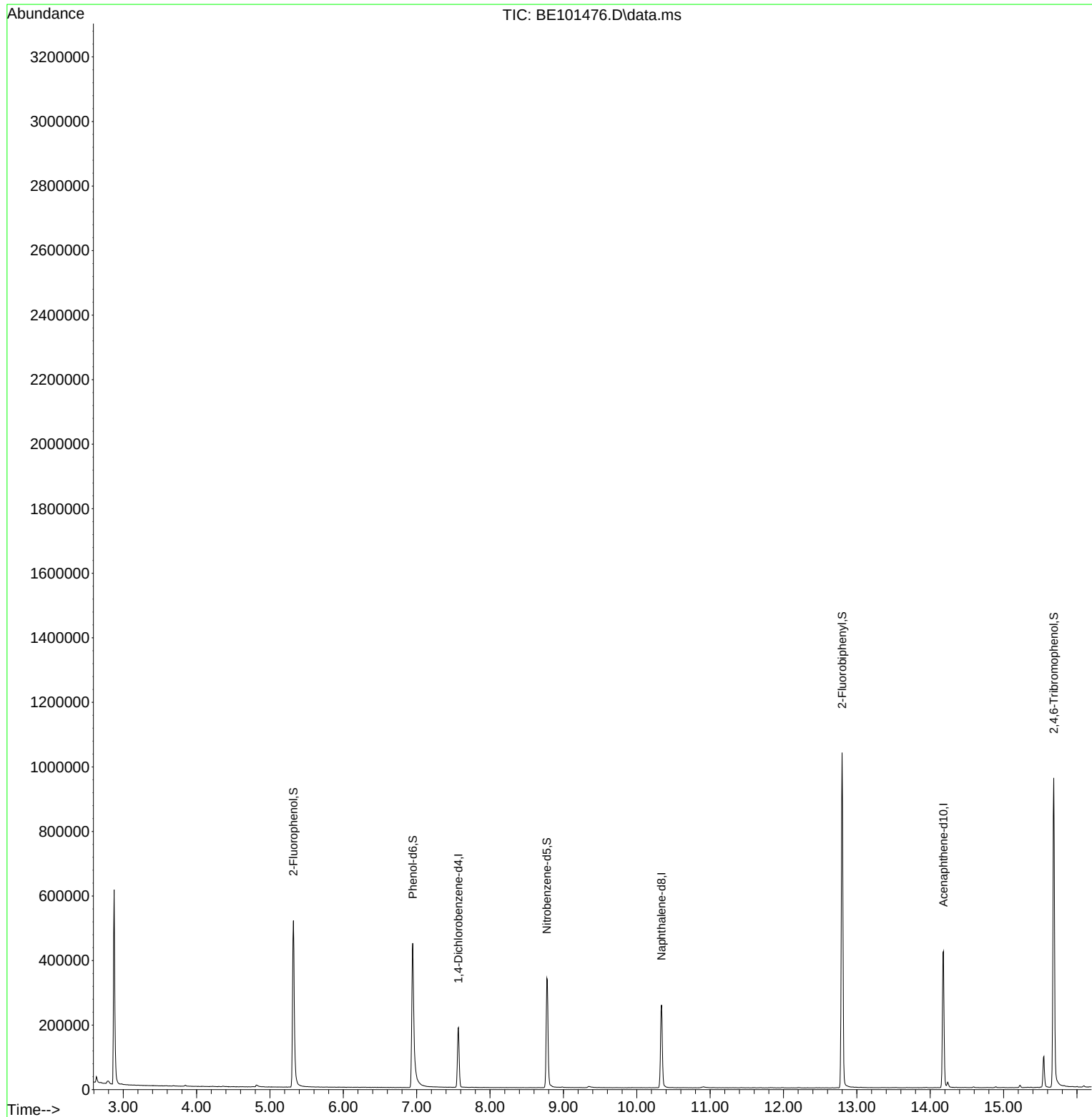
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
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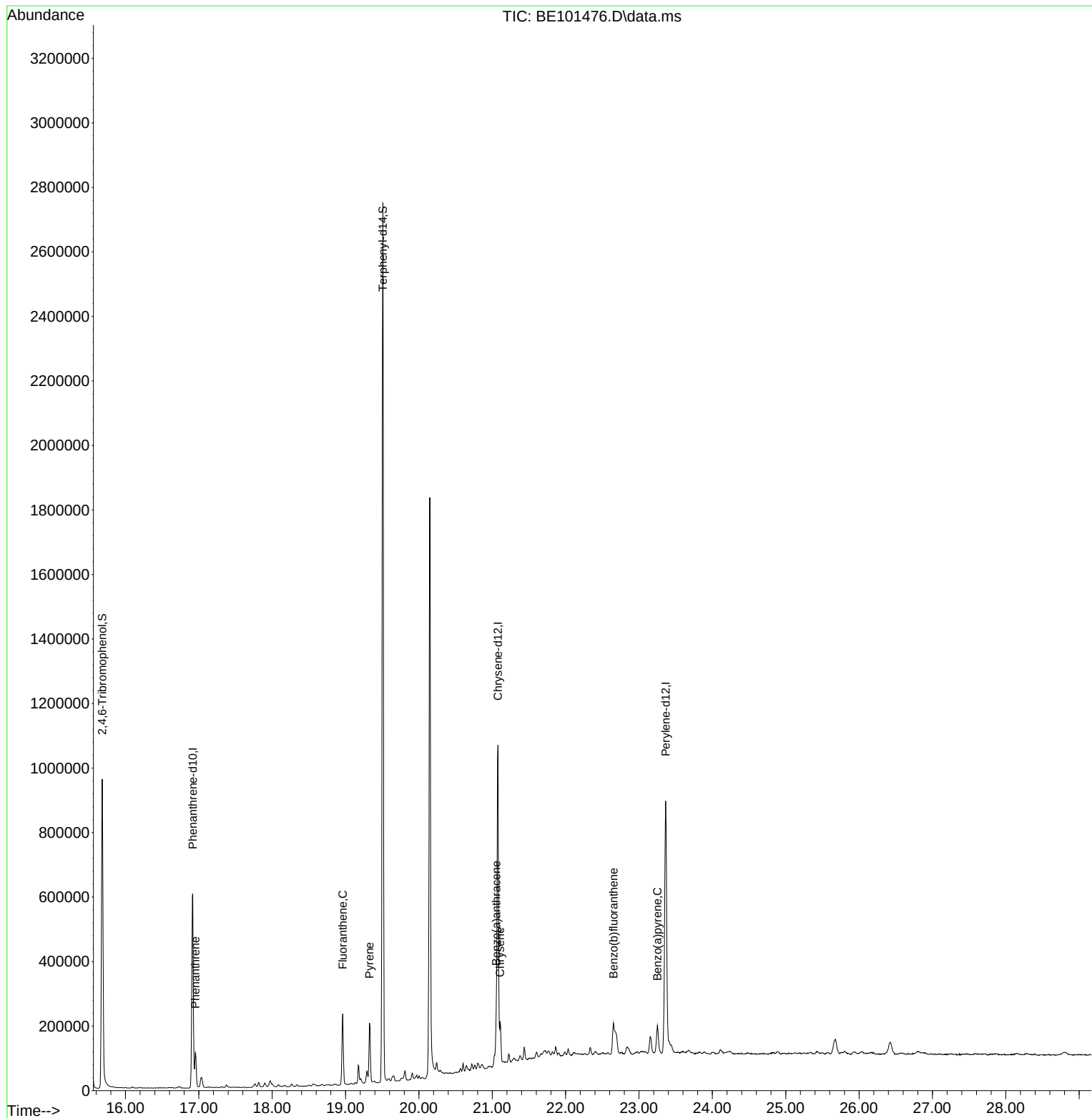
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Data File : BE101476.D
Acq On : 5 Nov 2024 13:20
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Sample : P4675-02
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ALS Vial : 6 Sample Multiplier: 1

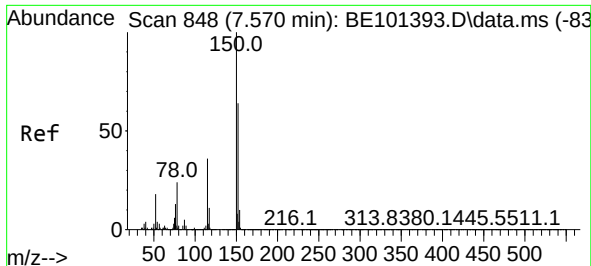
Instrument :
BNA_E
ClientSampleId :
COMP-2

Quant Time: Nov 05 13:06:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
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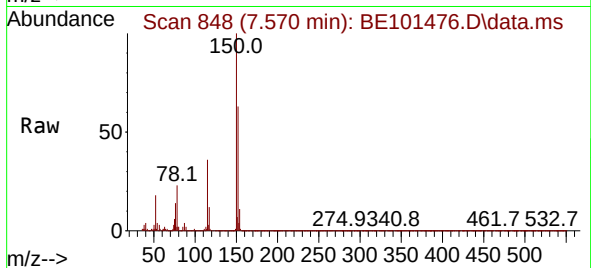
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 848
Delta R.T. -0.000 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

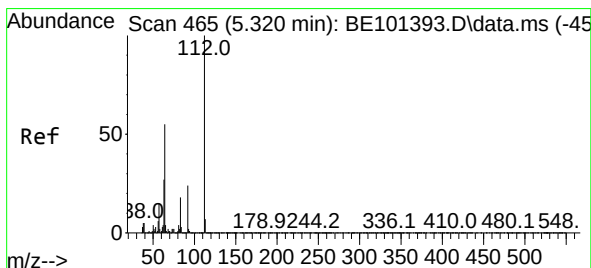
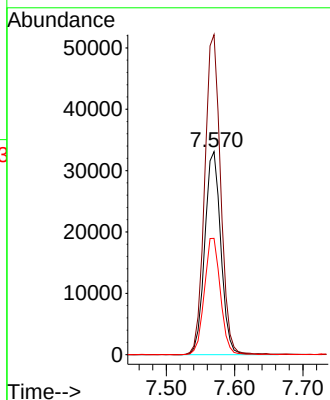
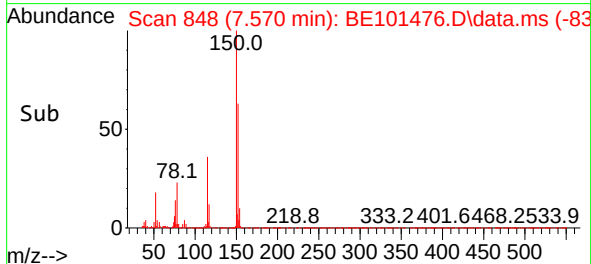
Instrument :
BNA_E
ClientSampleId :
COMP-2



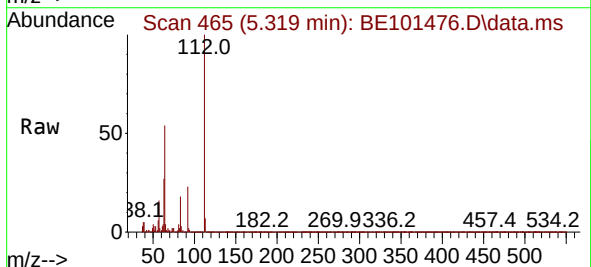
Tgt Ion:152 Resp: 54190
Ion Ratio Lower Upper
152 100
150 157.7 124.2 186.4
115 57.3 45.3 67.9

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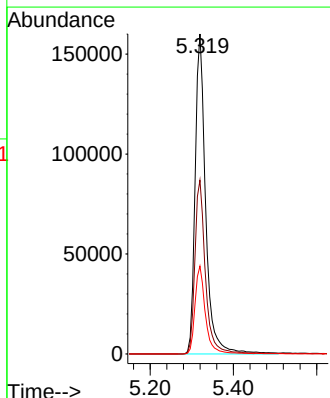
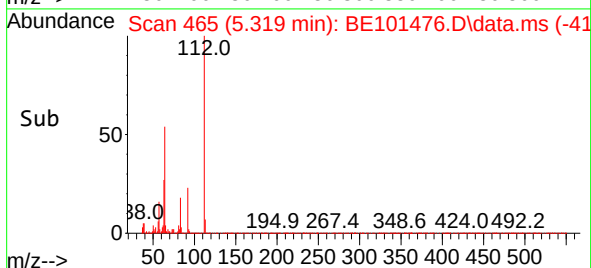
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

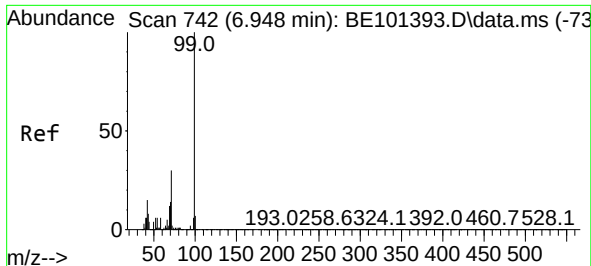


#5
2-Fluorophenol
Concen: 91.182 ng
RT: 5.319 min Scan# 465
Delta R.T. -0.001 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20



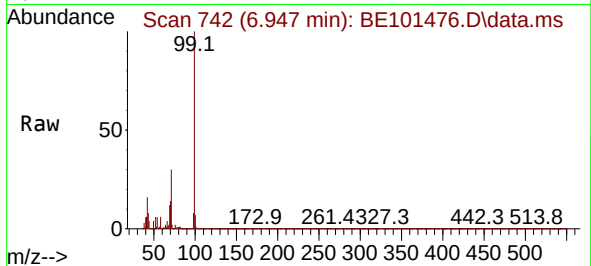
Tgt Ion:112 Resp: 281954
Ion Ratio Lower Upper
112 100
64 54.3 43.7 65.5
63 27.4 21.4 32.2





#7
Phenol-d6
Concen: 86.834 ng
RT: 6.947 min Scan# 742
Delta R.T. -0.001 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

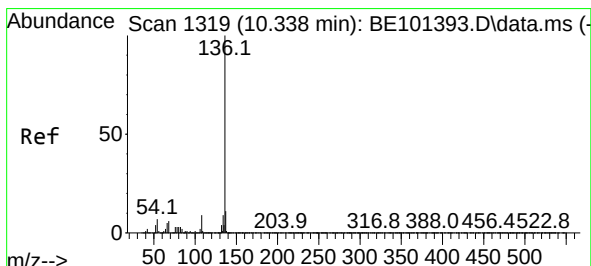
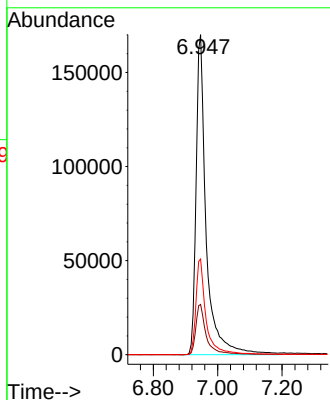
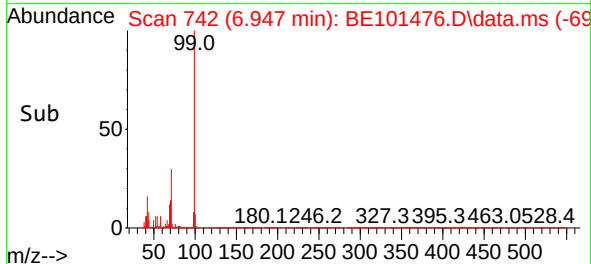
Instrument :
BNA_E
ClientSampleId :
COMP-2



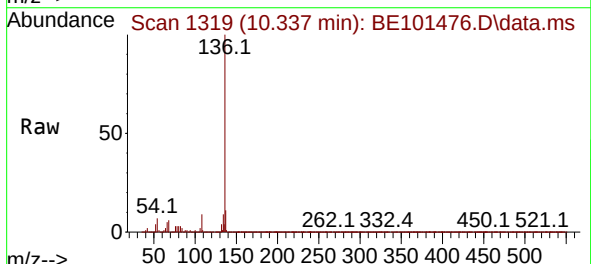
Tgt Ion: 99 Resp: 37231
Ion Ratio Lower Upper
99 100
42 15.7 12.3 18.5
71 29.9 23.8 35.8

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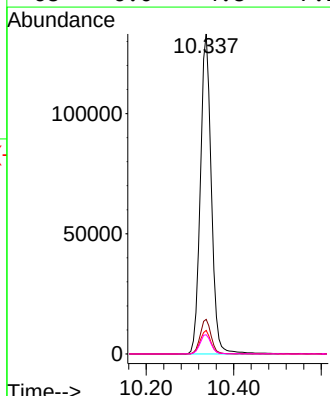
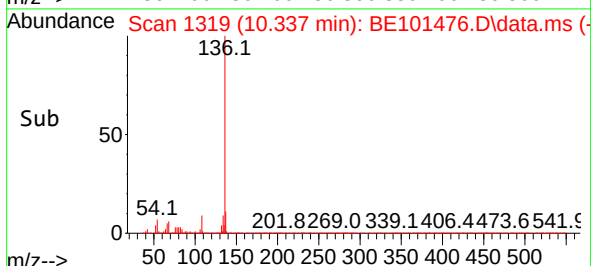
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

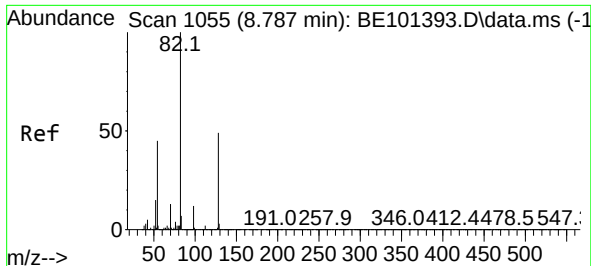


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20



Tgt Ion:136 Resp: 232476
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 7.4 5.9 8.9
68 6.0 4.8 7.2





#23
Nitrobenzene-d5
Concen: 57.469 ng
RT: 8.774 min Scan# 1053
Delta R.T. -0.013 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Instrument :

BNA_E

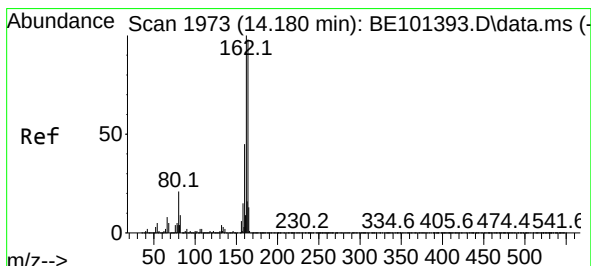
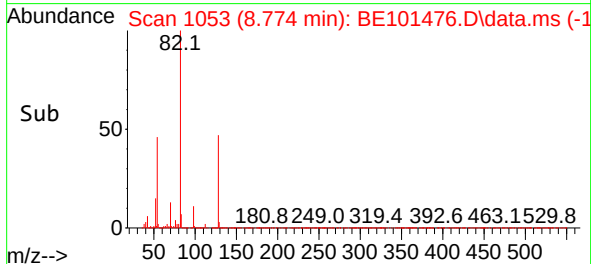
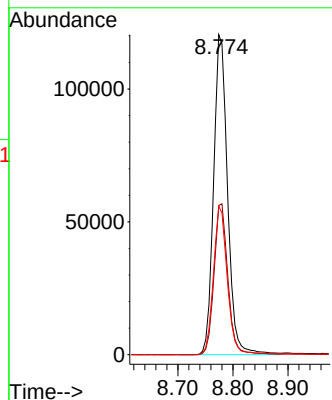
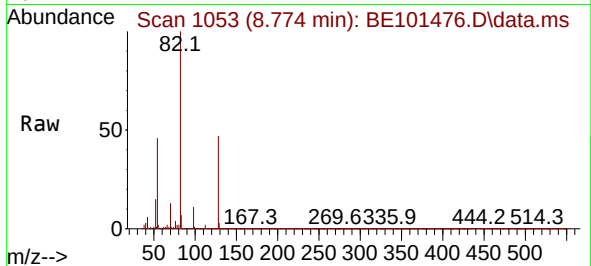
ClientSampleId :

COMP-2

Tgt Ion: 82 Resp: 21271
Ion Ratio Lower Upper
82 100
128 46.6 38.9 58.3
54 46.4 36.2 54.4

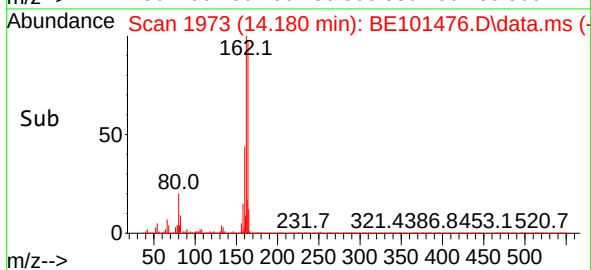
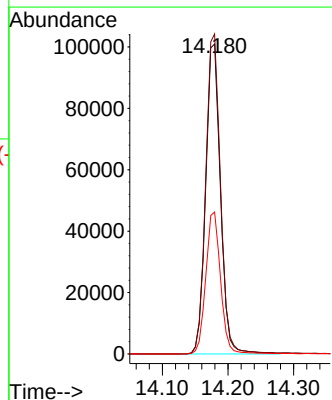
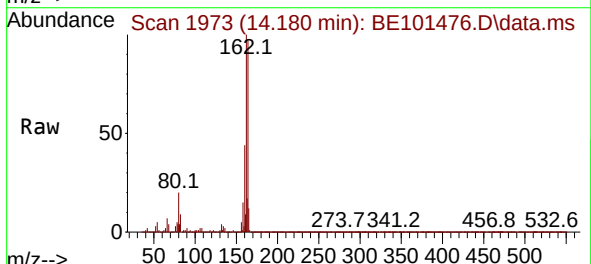
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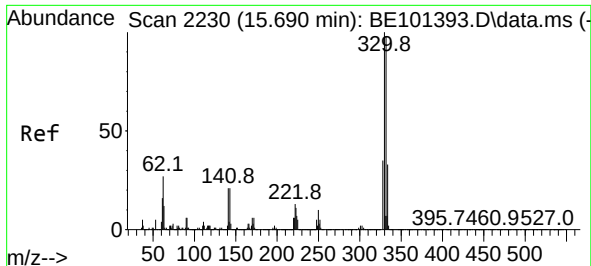
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.180 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

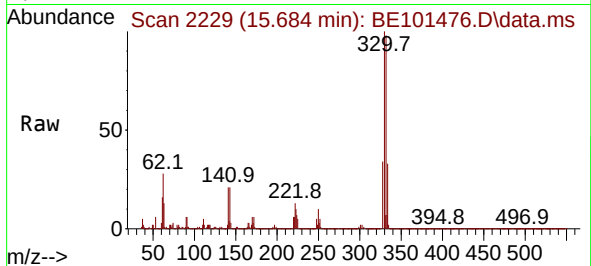
Tgt Ion:164 Resp: 158291
Ion Ratio Lower Upper
164 100
162 103.2 81.3 121.9
160 45.8 36.4 54.6





#42
2,4,6-Tribromophenol
Concen: 90.436 ng
RT: 15.684 min Scan# 21
Delta R.T. -0.007 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

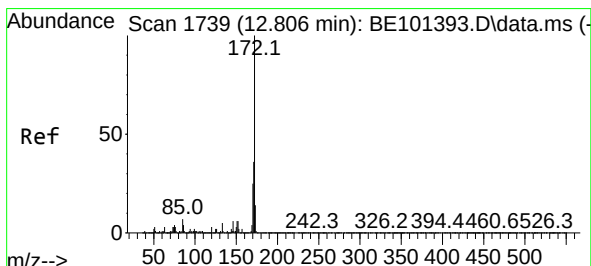
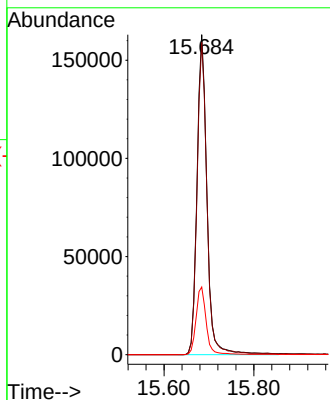
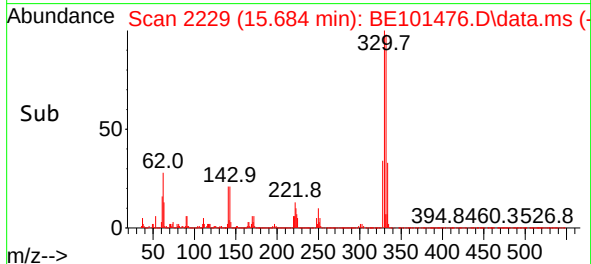
Instrument :
BNA_E
ClientSampleId :
COMP-2



Tgt Ion:330 Resp: 250898
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.2
141 21.7 18.3 27.5

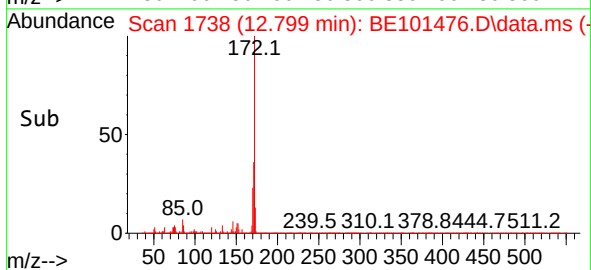
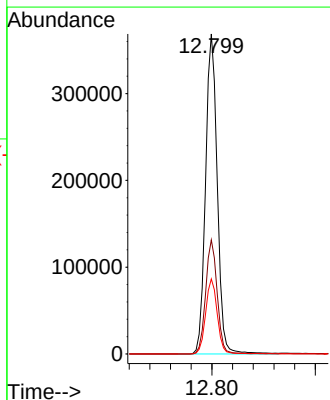
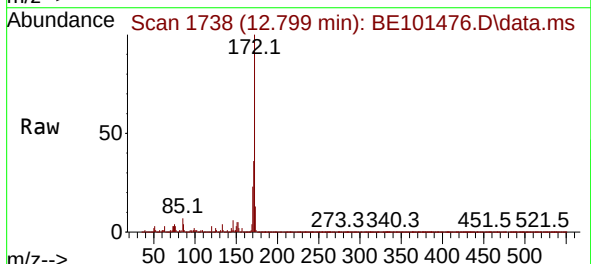
Manual Integrations
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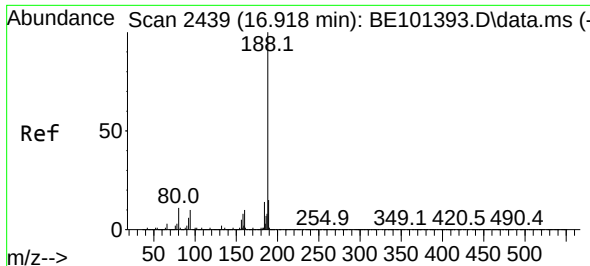
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#45
2-Fluorobiphenyl
Concen: 61.864 ng
RT: 12.799 min Scan# 1738
Delta R.T. -0.007 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Tgt Ion:172 Resp: 578229
Ion Ratio Lower Upper
172 100
171 35.6 29.2 43.8
170 23.5 19.8 29.6





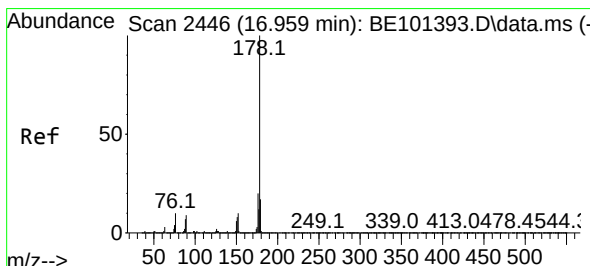
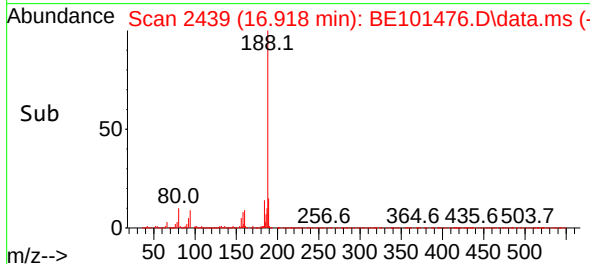
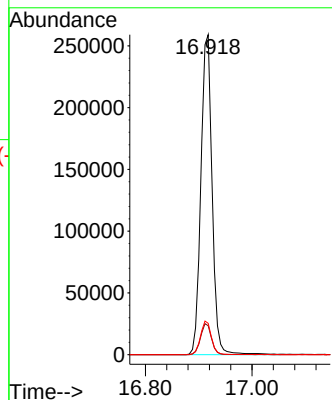
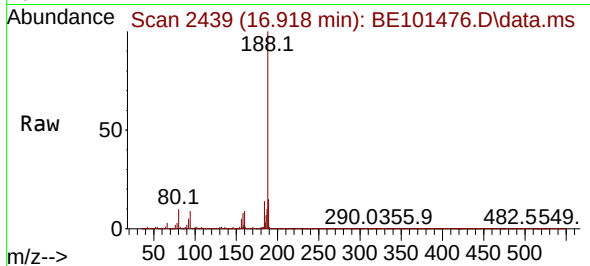
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.918 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Instrument :
BNA_E
ClientSampleId :
COMP-2

Tgt Ion:188 Resp: 377849
Ion Ratio Lower Upper
188 100
94 9.0 7.8 11.8
80 9.8 8.6 12.8

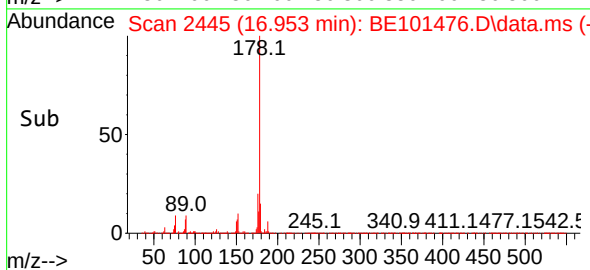
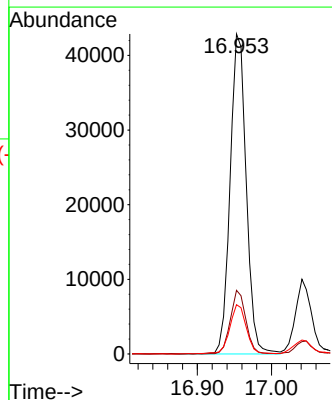
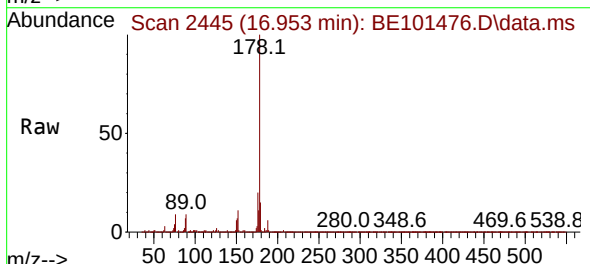
Manual Integrations
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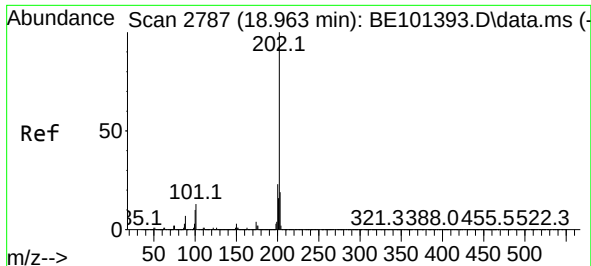
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#71
Phenanthrene
Concen: 3.569 ng
RT: 16.953 min Scan# 2445
Delta R.T. -0.007 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

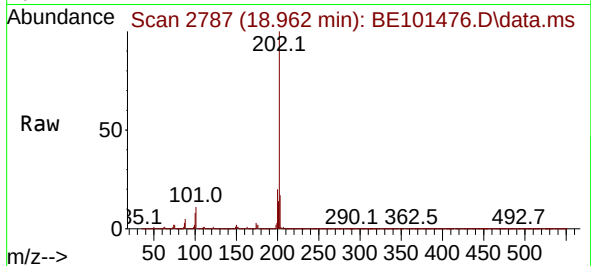
Tgt Ion:178 Resp: 64575
Ion Ratio Lower Upper
178 100
176 19.9 16.4 24.6
179 15.4 13.2 19.8





#75
Fluoranthene
Concen: 6.139 ng
RT: 18.962 min Scan# 21
Delta R.T. -0.001 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

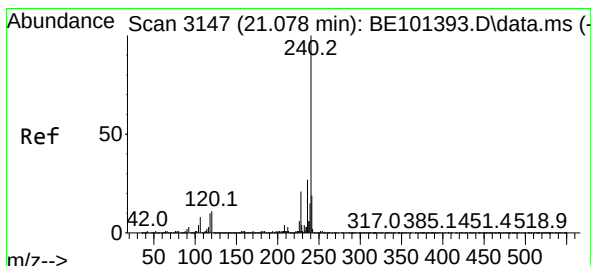
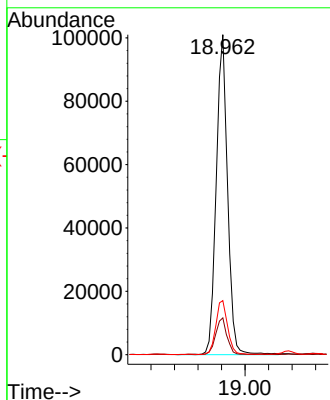
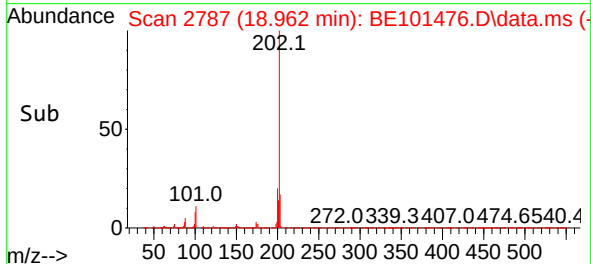
Instrument :
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COMP-2



Tgt Ion:202 Resp: 13488
Ion Ratio Lower Upper
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101 11.5 0.0 33.3
203 16.9 0.0 39.3

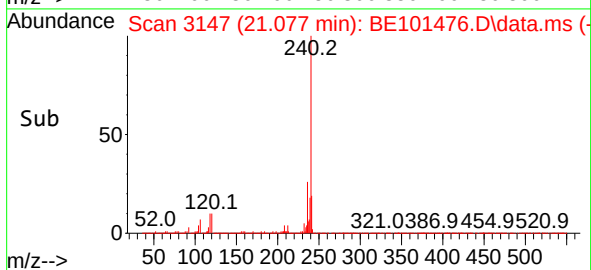
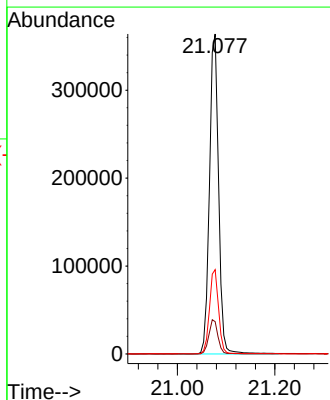
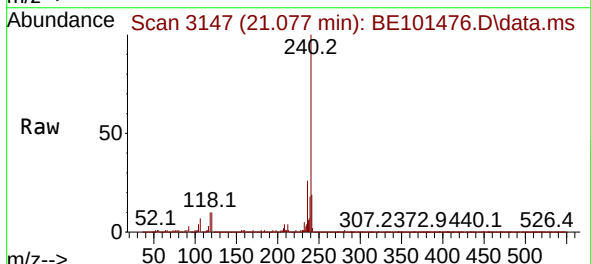
Manual Integrations
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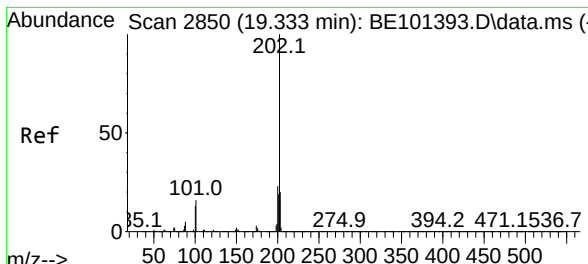
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.077 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Tgt Ion:240 Resp: 468893
Ion Ratio Lower Upper
240 100
120 10.1 9.0 13.4
236 26.3 21.4 32.0





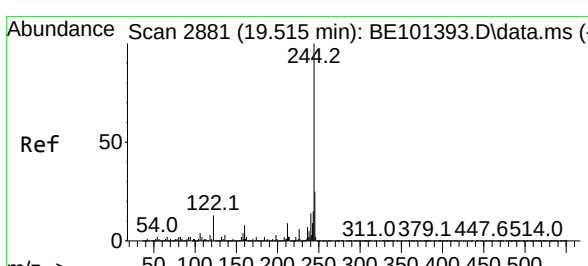
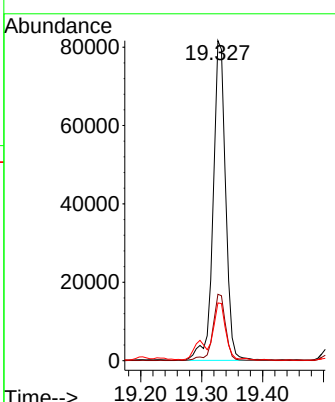
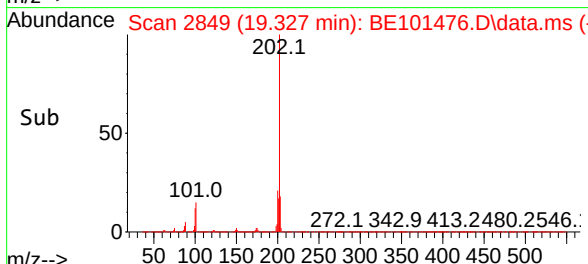
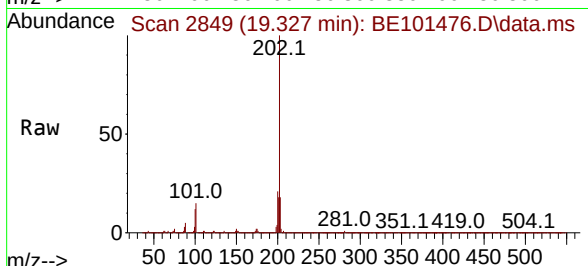
#78
 Pyrene
 Concen: 4.515 ng
 RT: 19.327 min Scan# 2849
 Delta R.T. -0.007 min
 Lab File: BE101476.D
 Acq: 5 Nov 2024 13:20

Instrument : BNA_E
 ClientSampleId :
 COMP-2

Tgt Ion:	202	Resp:	11641
Ion Ratio	Lower	Upper	
202	100		
200	20.8	18.6	28.0
203	18.1	15.6	23.4

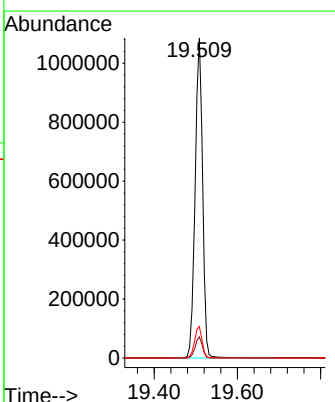
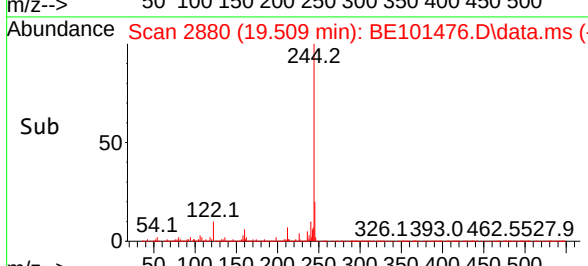
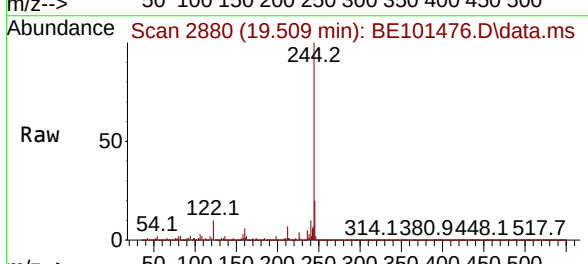
Manual Integrations
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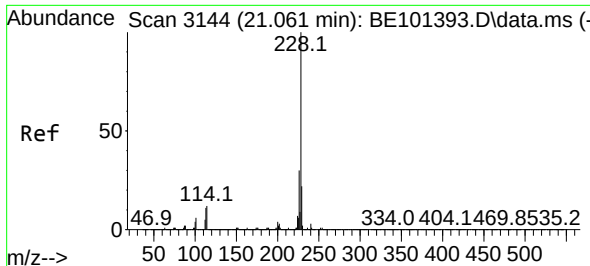
Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/06/2024



#79
 Terphenyl-d14
 Concen: 66.435 ng
 RT: 19.509 min Scan# 2880
 Delta R.T. -0.006 min
 Lab File: BE101476.D
 Acq: 5 Nov 2024 13:20

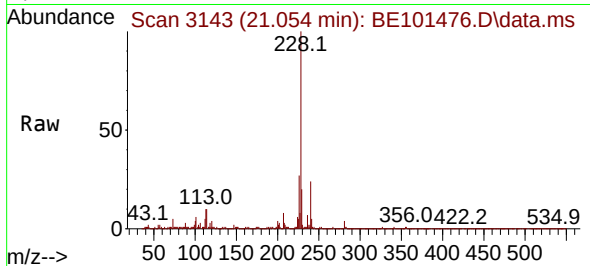
Tgt Ion:	244	Resp:	1353479
Ion Ratio	Lower	Upper	
244	100		
212	6.6	7.2	10.8#
122	9.8	10.4	15.6#





#81
Benzo(a)anthracene
Concen: 2.816 ng
RT: 21.054 min Scan# 3143
Delta R.T. -0.007 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

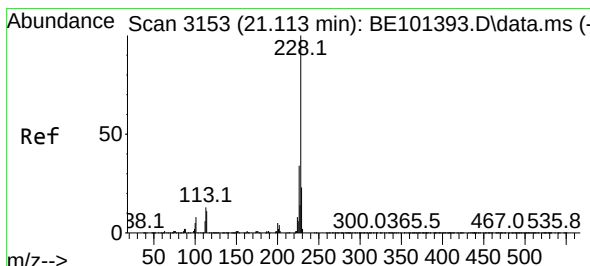
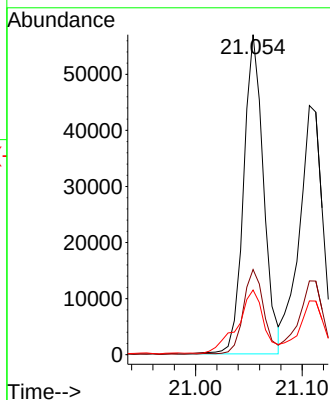
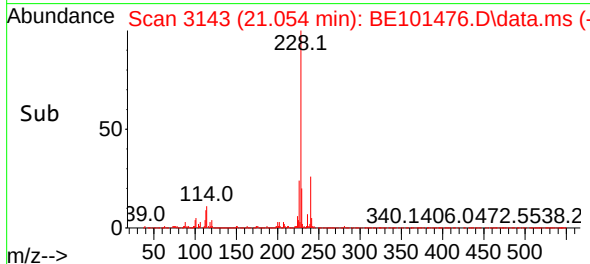
Instrument :
BNA_E
ClientSampleId :
COMP-2



Tgt Ion:228 Resp: 74209
Ion Ratio Lower Upper
228 100
226 26.6 24.1 36.1
229 20.2 17.3 25.9

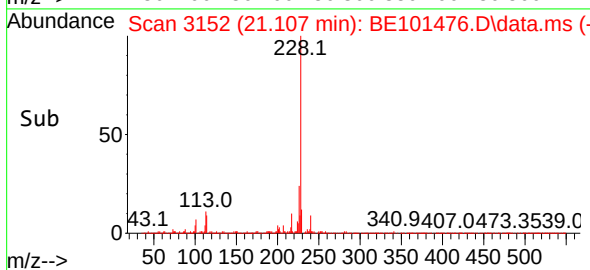
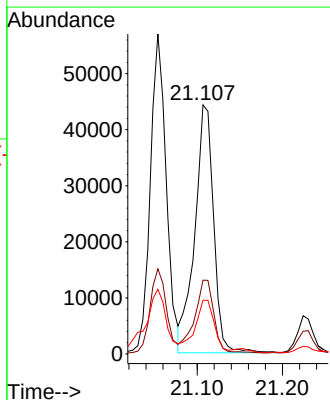
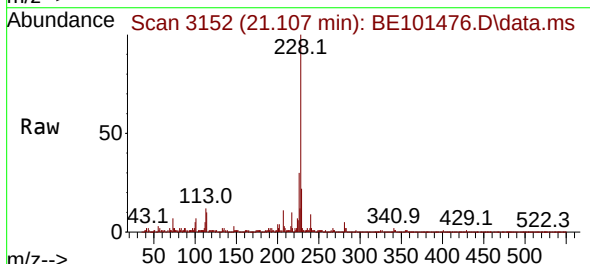
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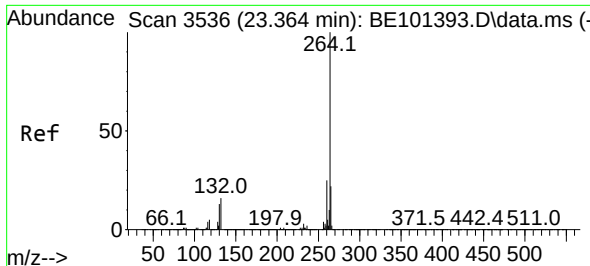
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#83
Chrysene
Concen: 2.669 ng
RT: 21.107 min Scan# 3152
Delta R.T. -0.007 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

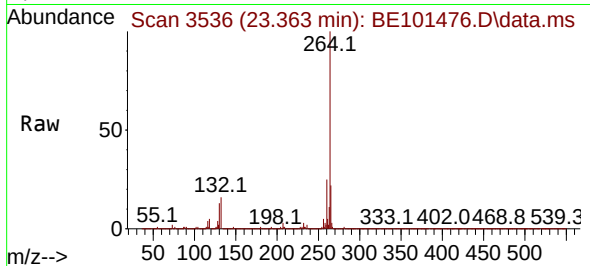
Tgt Ion:228 Resp: 68005
Ion Ratio Lower Upper
228 100
226 29.6 27.2 40.8
229 21.6 18.0 27.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.363 min Scan# 3536
Delta R.T. -0.001 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

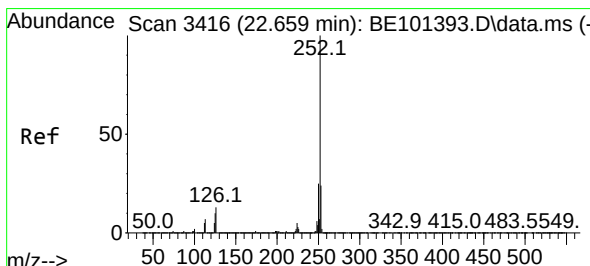
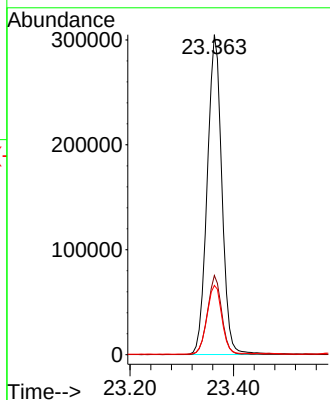
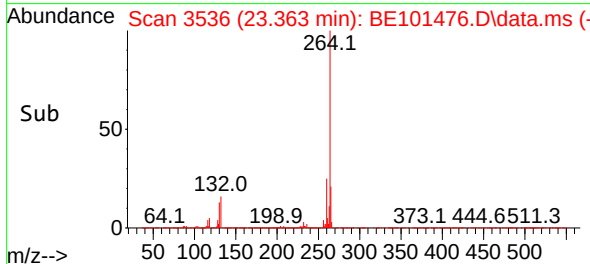
Instrument :
BNA_E
ClientSampleId :
COMP-2



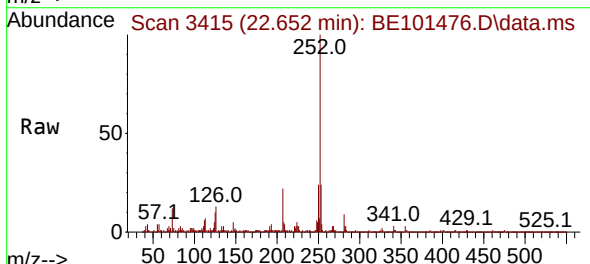
Tgt Ion:264 Resp: 59755
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.8
265 21.6 17.6 26.4

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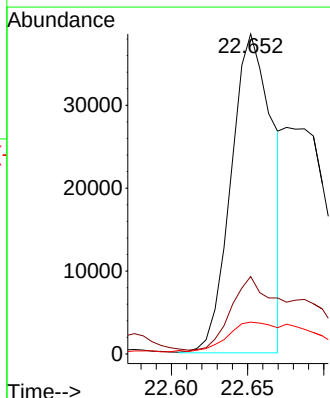
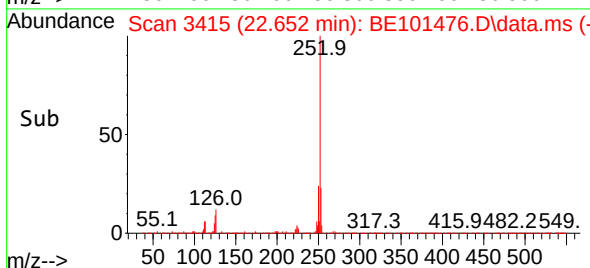
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

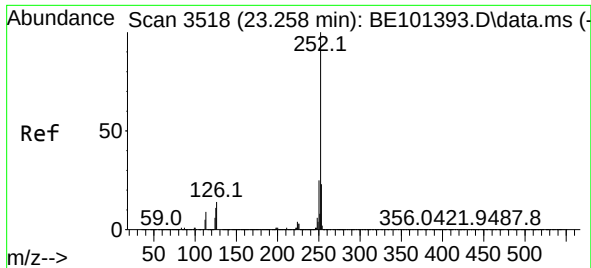


#88
Benzo(b)fluoranthene
Concen: 2.343 ng m
RT: 22.652 min Scan# 3415
Delta R.T. -0.007 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20



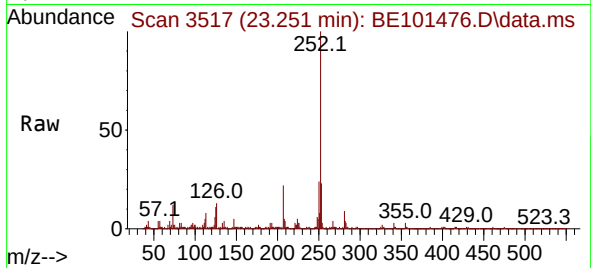
Tgt Ion:252 Resp: 72955
Ion Ratio Lower Upper
252 100
253 24.2 19.0 28.6
125 10.0 8.2 12.2





#90
Benzo(a)pyrene
Concen: 2.522 ng
RT: 23.251 min Scan# 30
Delta R.T. -0.007 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Instrument :
BNA_E
ClientSampleId :
COMP-2



Tgt Ion:252 Resp: 68692
Ion Ratio Lower Upper
252 100
253 23.4 18.4 27.6
125 10.9 9.0 13.6

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Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

