

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
 Data File : BF139302.D
 Acq On : 10 Sep 2024 16:28
 Operator : RC/JU
 Sample : P3906-01 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-701-COMP-01

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
 Supervised By :mohammad ahmed 09/12/2024

Quant Time: Sep 10 17:17:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	117694	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	421700	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	217565	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	318607	20.000	ng	0.00
76) Chrysene-d12	14.051	240	205929	20.000	ng	0.00
86) Perylene-d12	15.527	264	163660	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	130533	18.554	ng	-0.01
7) Phenol-d6	6.504	99	174839	18.615	ng	-0.01
23) Nitrobenzene-d5	7.445	82	109989	13.569	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	32010	17.038	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	215613	15.298	ng	0.00
79) Terphenyl-d14	12.992	244	154881	12.143	ng	0.00
Target Compounds						
75) Fluoranthene	12.622	202	46295	3.103	ng	Qvalue 100
78) Pyrene	12.851	202	41741	2.098	ng	98
88) Benzo(b)fluoranthene	15.092	252	30827m	3.271	ng	
90) Benzo(a)pyrene	15.463	252	17263	2.157	ng	# 93

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

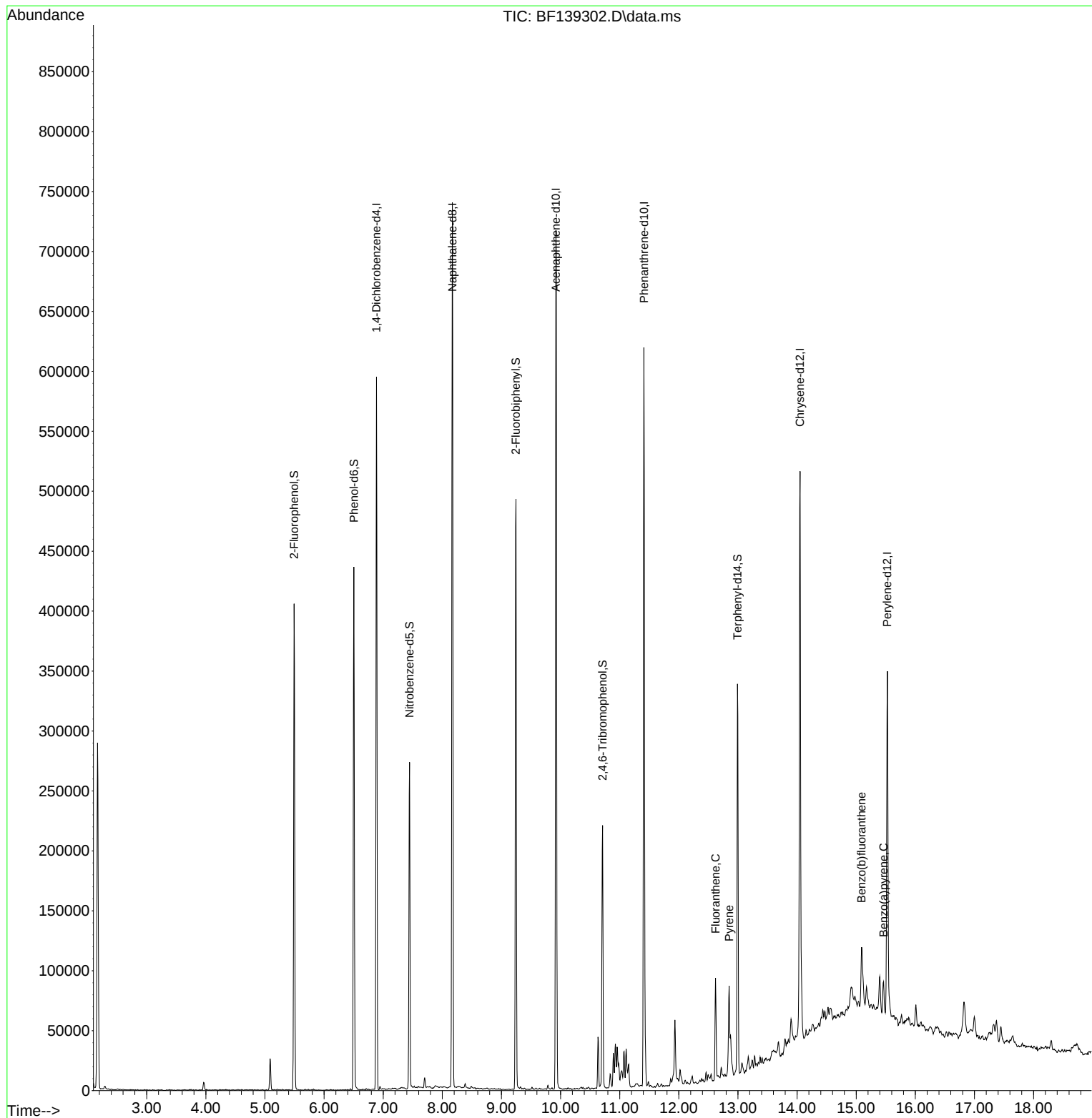
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
Data File : BF139302.D
Acq On : 10 Sep 2024 16:28
Operator : RC/JU
Sample : P3906-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

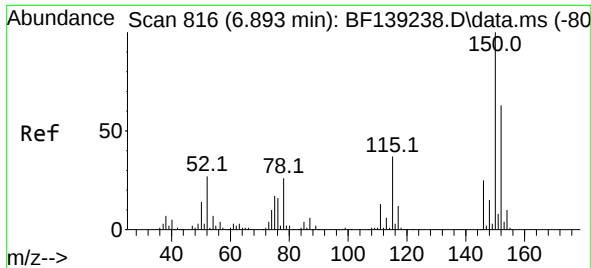
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01

Quant Time: Sep 10 17:17:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
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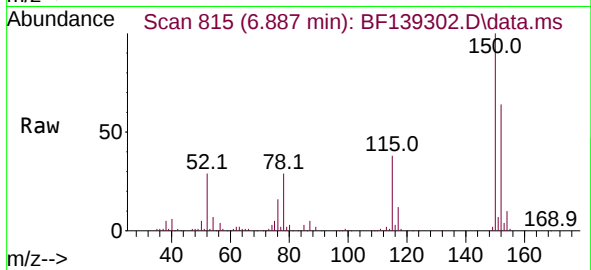
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139302.D
Acq: 10 Sep 2024 16:28

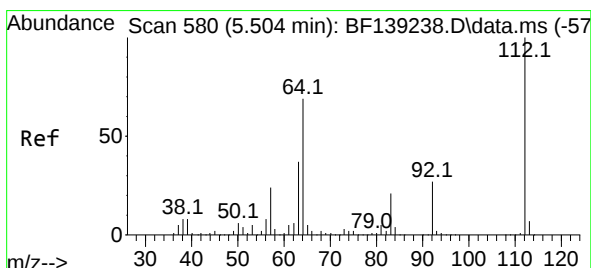
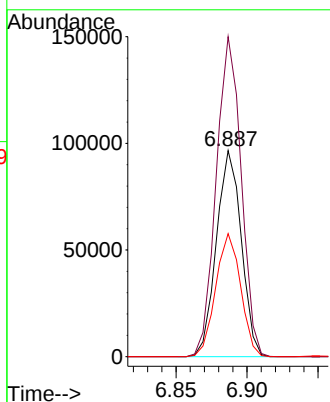
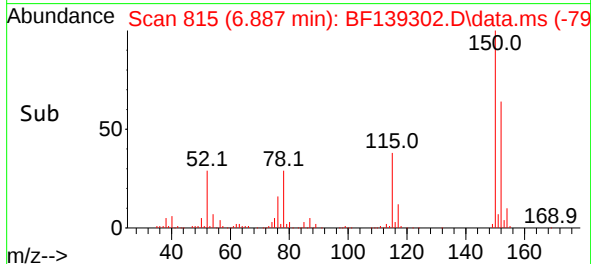
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01



Tgt Ion:152 Resp: 117694
Ion Ratio Lower Upper
152 100
150 155.2 127.0 190.4
115 59.7 46.9 70.3

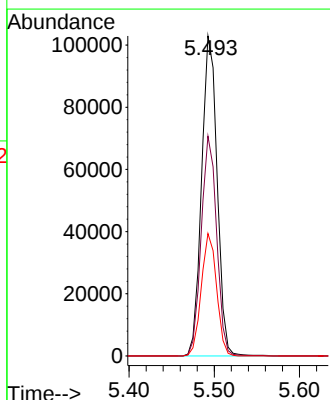
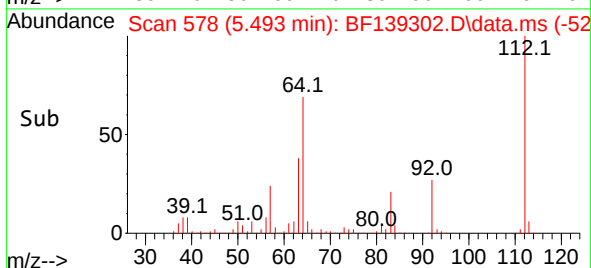
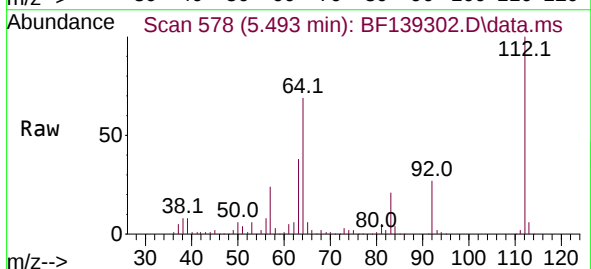
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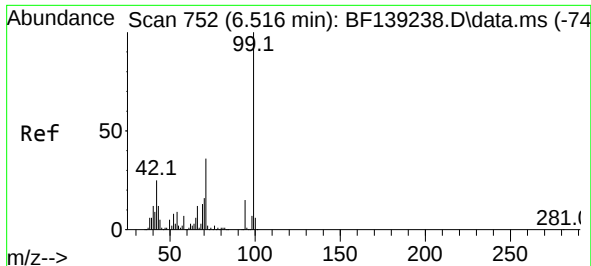
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#5
2-Fluorophenol
Concen: 18.554 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.012 min
Lab File: BF139302.D
Acq: 10 Sep 2024 16:28

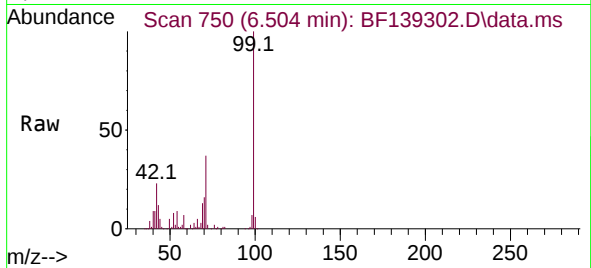
Tgt Ion:112 Resp: 130533
Ion Ratio Lower Upper
112 100
64 68.7 55.0 82.4
63 38.3 29.9 44.9





#7
Phenol-d6
Concen: 18.615 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139302.D
Acq: 10 Sep 2024 16:28

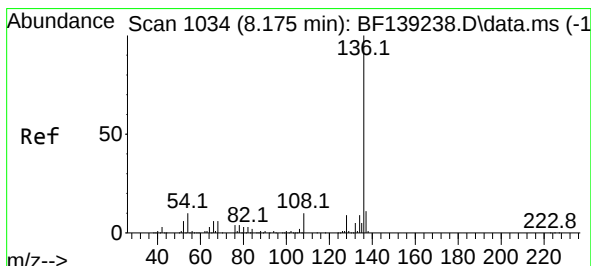
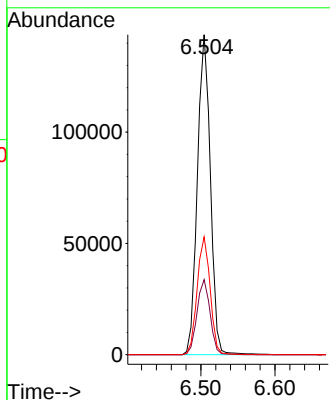
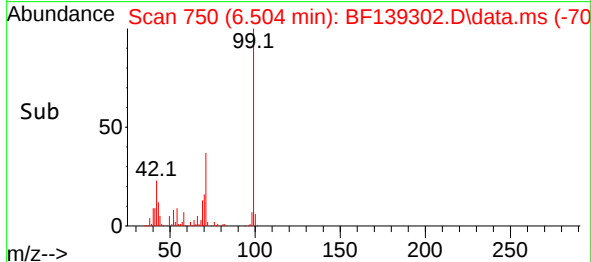
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01



Tgt Ion: 99 Resp: 174839
Ion Ratio Lower Upper
99 100
42 23.4 19.8 29.6
71 36.8 28.8 43.2

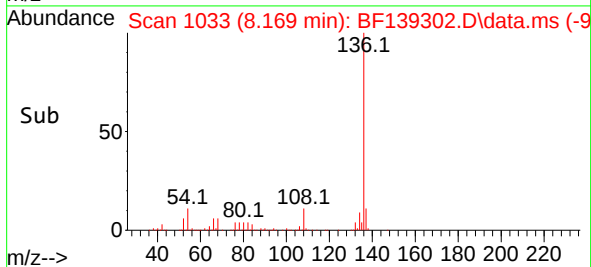
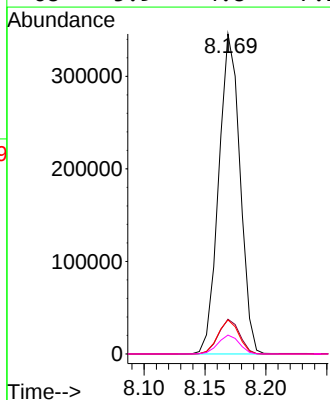
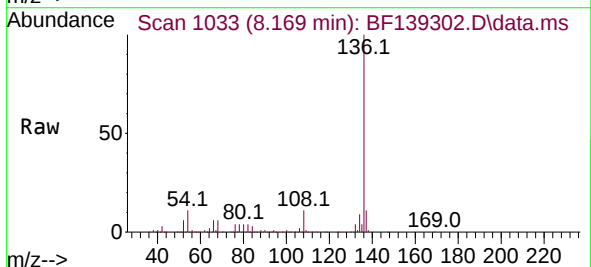
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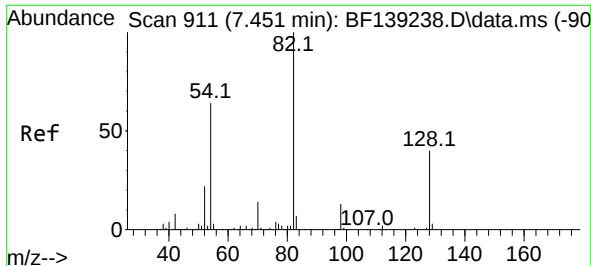
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139302.D
Acq: 10 Sep 2024 16:28

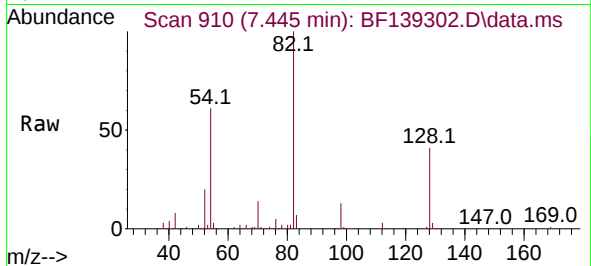
Tgt Ion:136 Resp: 421700
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.7 8.4 12.6
68 5.9 4.8 7.2





#23
Nitrobenzene-d5
Concen: 13.569 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139302.D
Acq: 10 Sep 2024 16:28

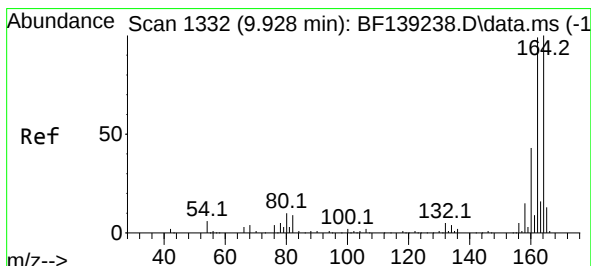
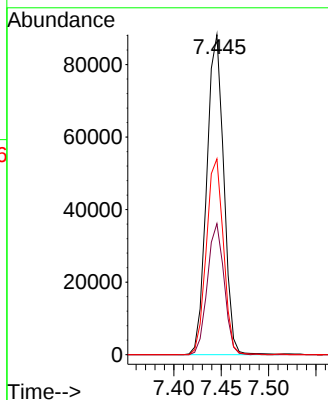
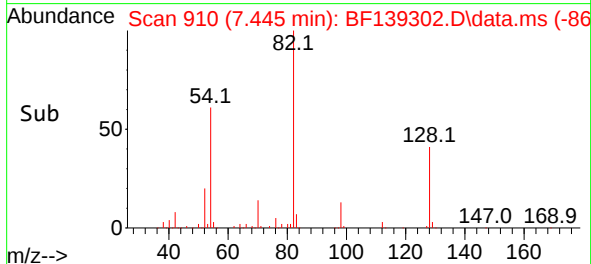
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01



Tgt Ion: 82 Resp: 109989
Ion Ratio Lower Upper
82 100
128 41.0 32.3 48.5
54 61.2 51.2 76.8

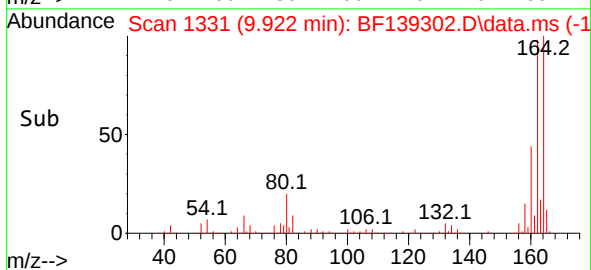
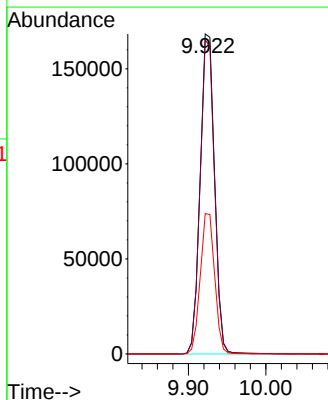
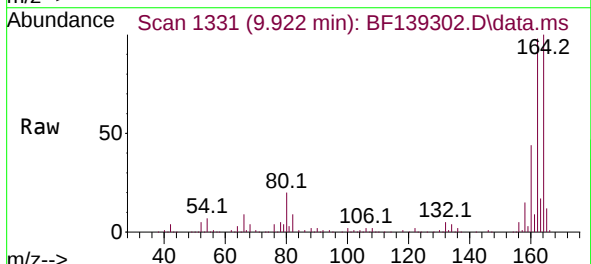
Manual Integrations
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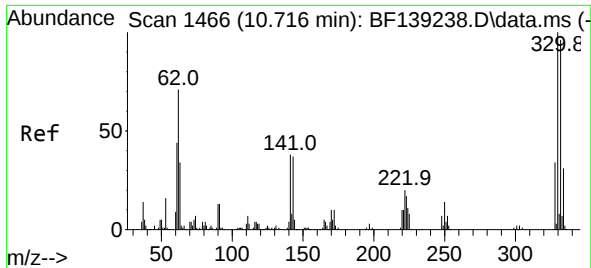
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139302.D
Acq: 10 Sep 2024 16:28

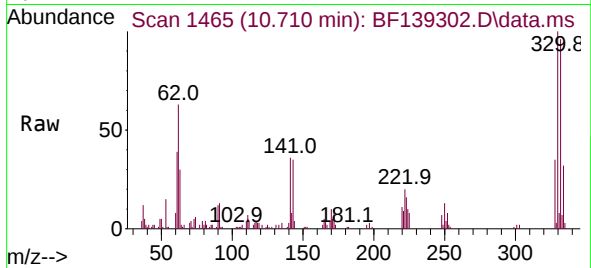
Tgt Ion:164 Resp: 217565
Ion Ratio Lower Upper
164 100
162 98.0 79.2 118.8
160 43.8 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 17.038 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139302.D
Acq: 10 Sep 2024 16:28

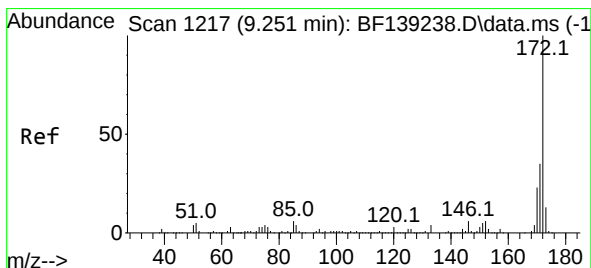
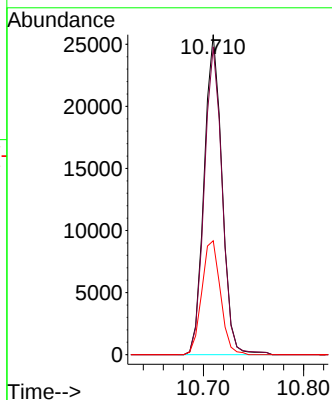
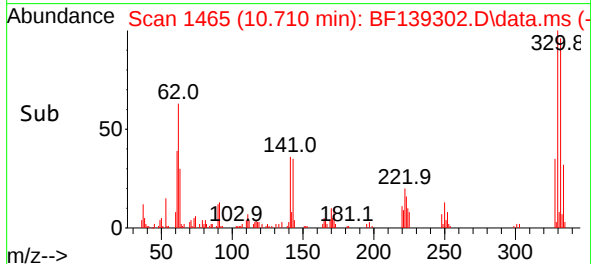
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01



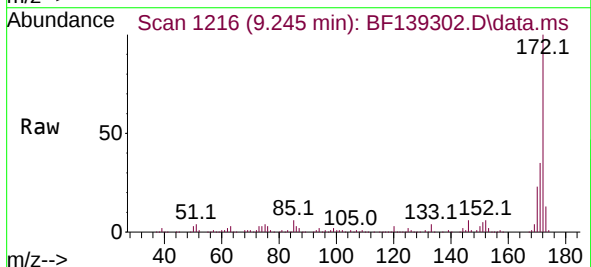
Tgt Ion: 330 Resp: 32010
Ion Ratio Lower Upper
330 100
332 96.2 76.6 115.0
141 37.1 30.1 45.1

Manual Integrations
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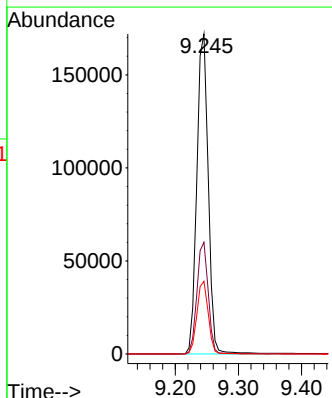
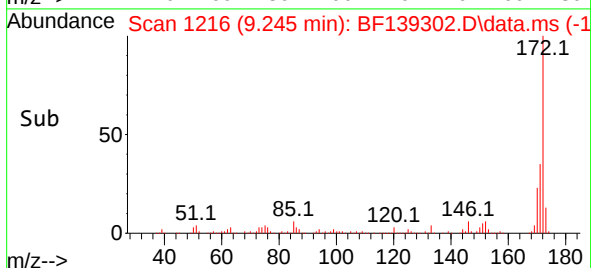
Reviewed By : Jagrut Upadhyay 09/11/2024
Supervised By : mohammad ahmed 09/12/2024

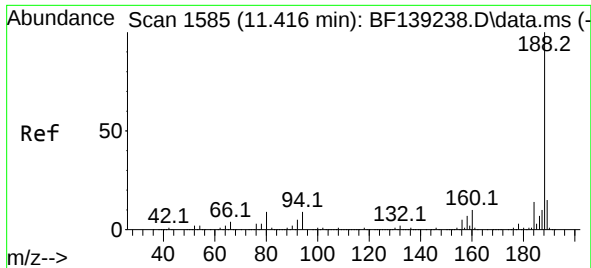


#45
2-Fluorobiphenyl
Concen: 15.298 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139302.D
Acq: 10 Sep 2024 16:28



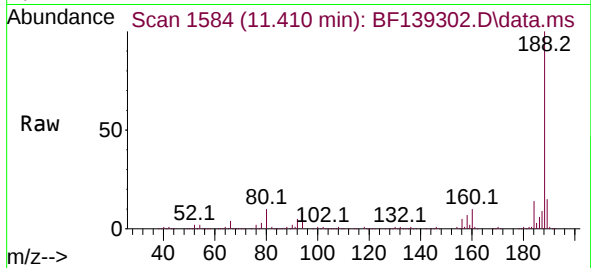
Tgt Ion: 172 Resp: 215613
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 22.7 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139302.D
Acq: 10 Sep 2024 16:28

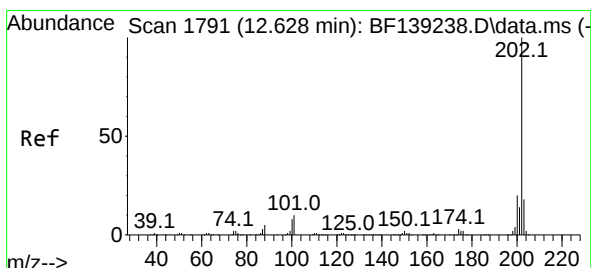
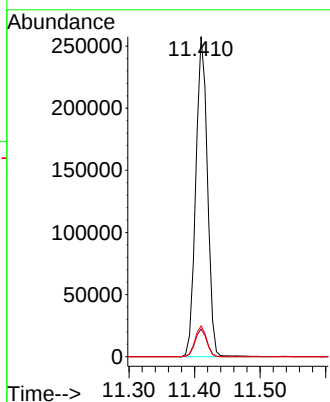
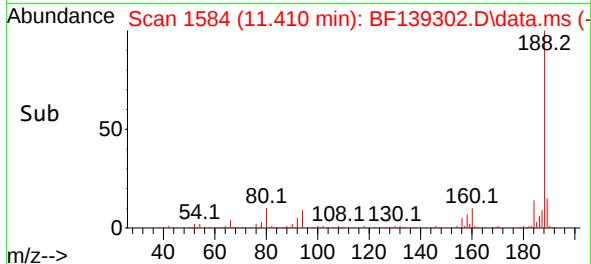
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01



Tgt Ion:188 Resp: 31860
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.6 7.3 10.9

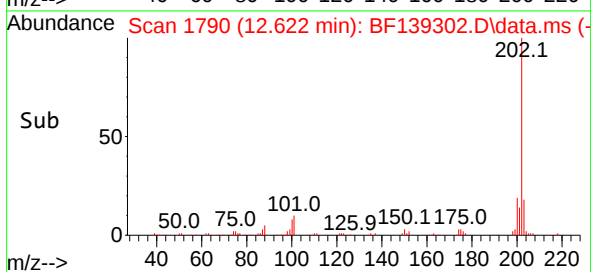
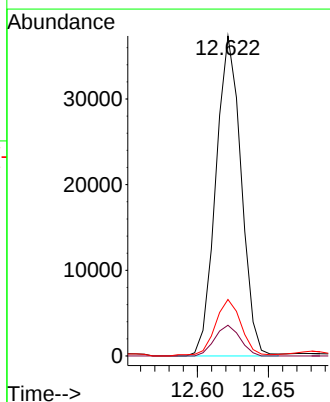
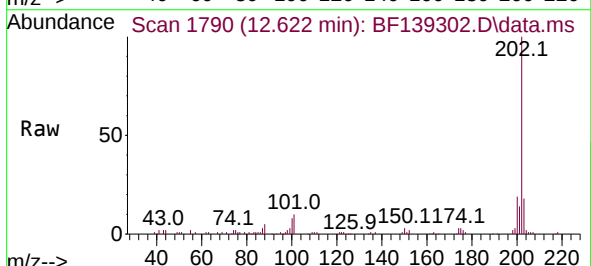
Manual Integrations
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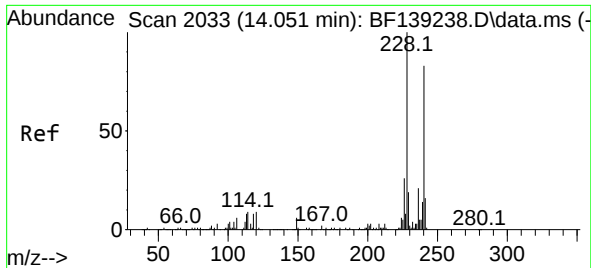
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#75
Fluoranthene
Concen: 3.103 ng
RT: 12.622 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF139302.D
Acq: 10 Sep 2024 16:28

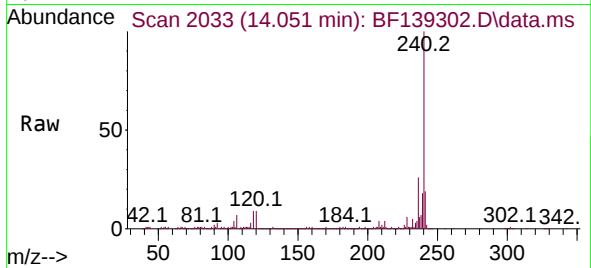
Tgt Ion:202 Resp: 46295
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.9
203 17.6 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF139302.D
Acq: 10 Sep 2024 16:28

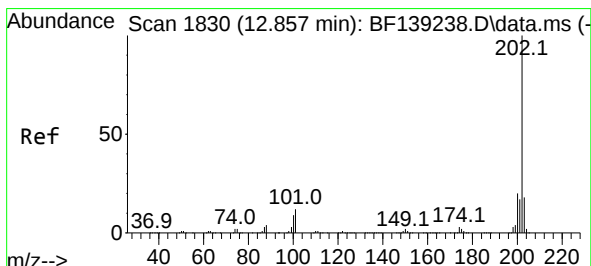
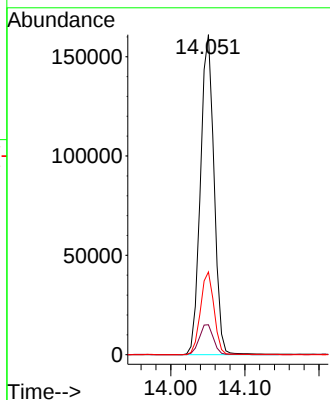
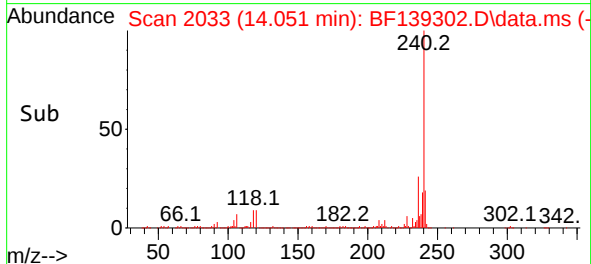
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01



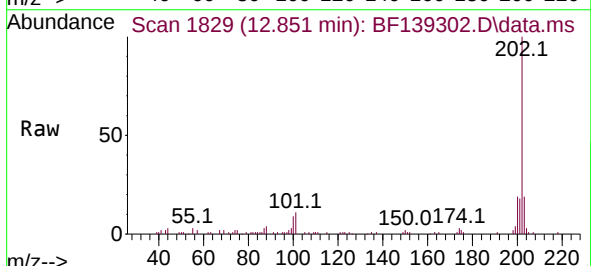
Tgt Ion:240 Resp: 205929
Ion Ratio Lower Upper
240 100
120 9.3 8.6 12.8
236 25.8 20.7 31.1

Manual Integrations
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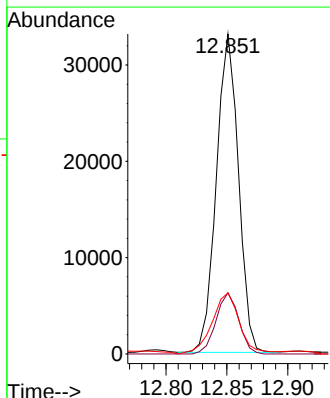
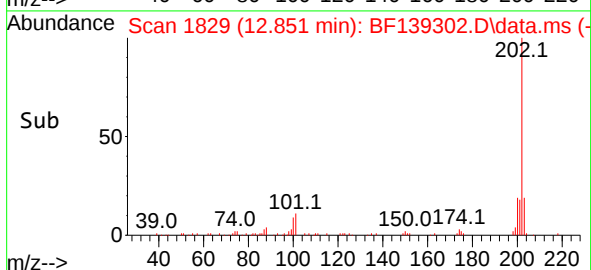
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

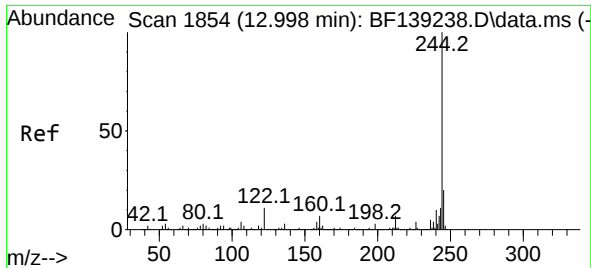


#78
Pyrene
Concen: 2.098 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF139302.D
Acq: 10 Sep 2024 16:28



Tgt Ion:202 Resp: 41741
Ion Ratio Lower Upper
202 100
200 19.1 15.8 23.8
203 19.1 14.1 21.1





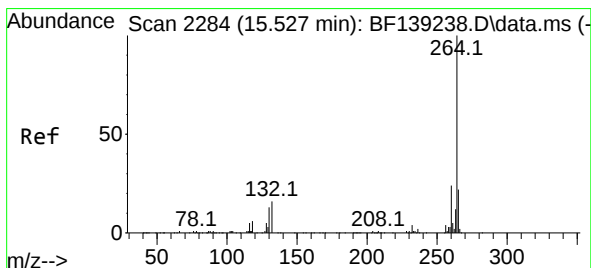
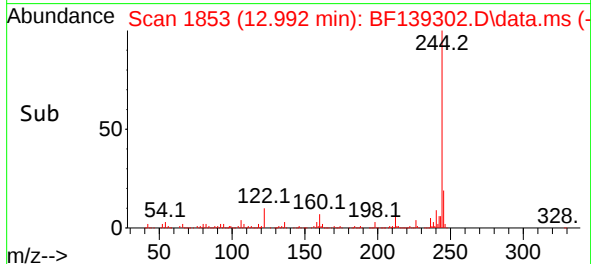
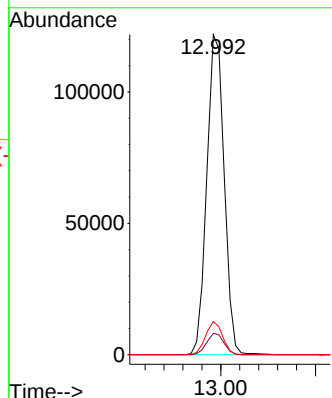
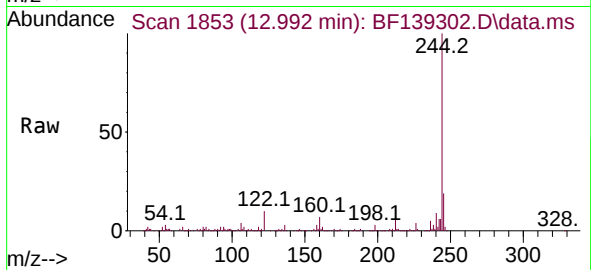
#79
 Terphenyl-d14
 Concen: 12.143 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF139302.D
 Acq: 10 Sep 2024 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SU-701-COMP-01

Tgt Ion:244 Resp: 15488
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 10.4 8.7 13.1

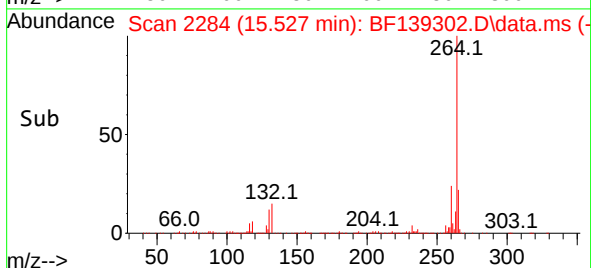
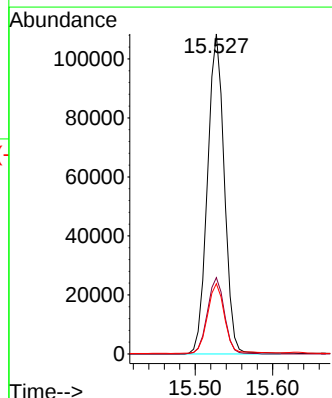
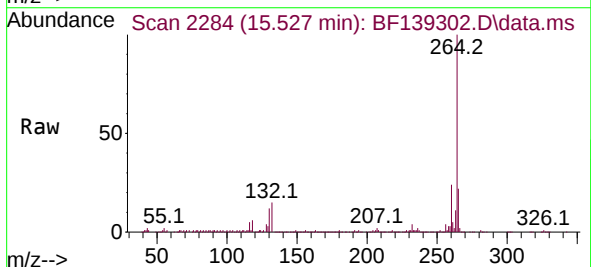
Manual Integrations
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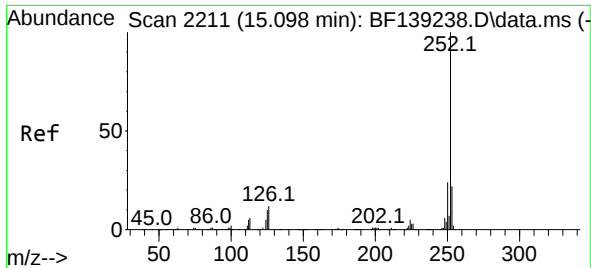
Reviewed By :Jagrut Upadhyay 09/11/2024
 Supervised By :mohammad ahmed 09/12/2024



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. -0.000 min
 Lab File: BF139302.D
 Acq: 10 Sep 2024 16:28

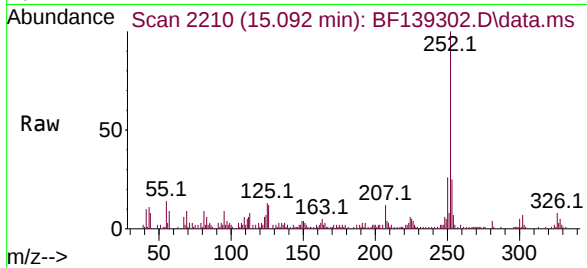
Tgt Ion:264 Resp: 163660
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.9 17.3 25.9





#88
Benzo(b)fluoranthene
Concen: 3.271 ng m
RT: 15.092 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF139302.D
Acq: 10 Sep 2024 16:28

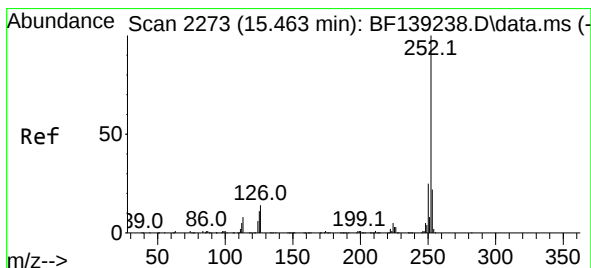
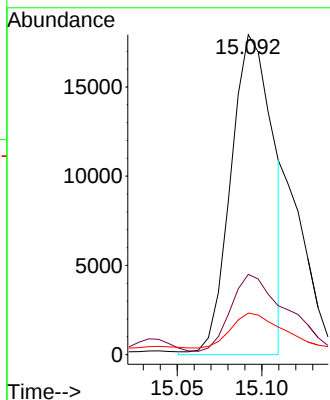
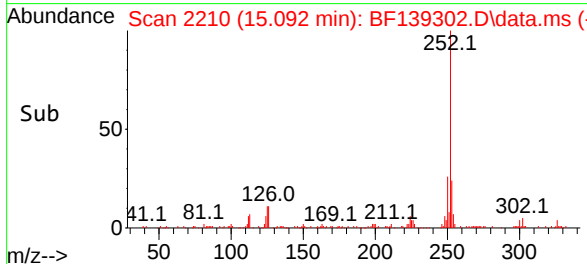
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01



Tgt Ion:252 Resp: 3082
Ion Ratio Lower Upper
252 100
253 25.1 17.6 26.4
125 13.0 7.6 11.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#90
Benzo(a)pyrene
Concen: 2.157 ng
RT: 15.463 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF139302.D
Acq: 10 Sep 2024 16:28

Tgt Ion:252 Resp: 17263
Ion Ratio Lower Upper
252 100
253 26.4 17.5 26.3#
125 11.8 8.6 13.0

