

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140125.D
 Acq On : 29 Oct 2024 21:13
 Operator : RC/JU
 Sample : P4578-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-305-TOP-1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Oct 30 01:04:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	121877	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	473789	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	240944	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	345918	20.000	ng	0.00
76) Chrysene-d12	14.051	240	236214	20.000	ng	0.00
86) Perylene-d12	15.545	264	244867	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	612161	78.631	ng	0.01
7) Phenol-d6	6.510	99	780620	77.418	ng	0.00
23) Nitrobenzene-d5	7.445	82	501867	58.708	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	143293	63.581	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	864050	59.267	ng	0.00
79) Terphenyl-d14	12.998	244	614896	42.418	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	56966	3.486	ng	99
75) Fluoranthene	12.622	202	51573	3.122	ng	99
78) Pyrene	12.851	202	67980	3.288	ng	98
81) Benzo(a)anthracene	14.045	228	39061m	2.540	ng	
83) Chrysene	14.080	228	32076	2.275	ng	96
90) Benzo(a)pyrene	15.480	252	28489	2.321	ng	95

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

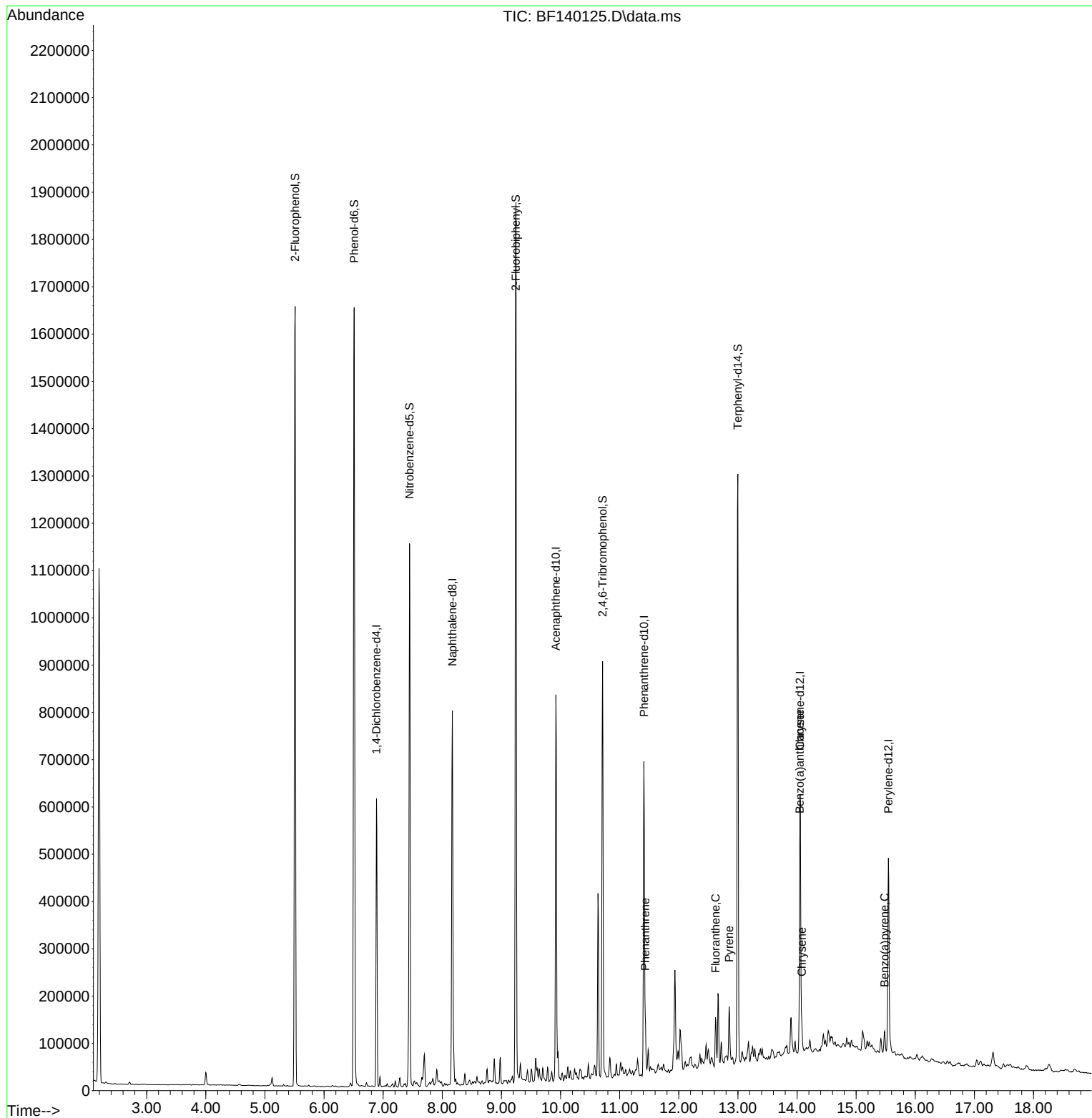
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
Data File : BF140125.D
Acq On : 29 Oct 2024 21:13
Operator : RC/JU
Sample : P4578-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

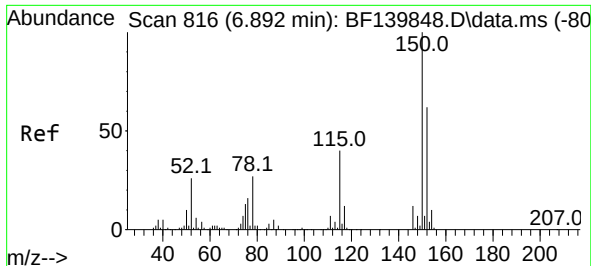
Instrument :
BNA_F
ClientSampleId :
WB-305-TOP-1

Quant Time: Oct 30 01:04:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Manual Integrations
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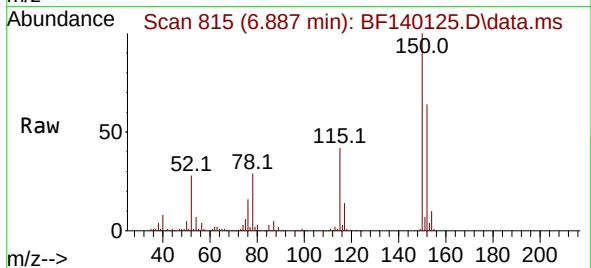
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140125.D
Acq: 29 Oct 2024 21:13

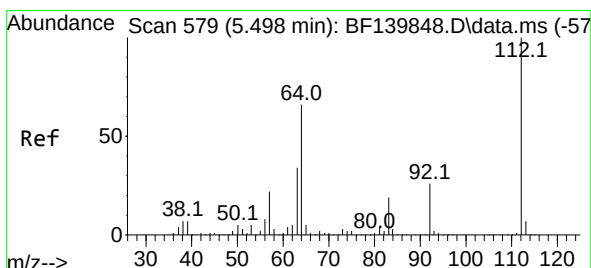
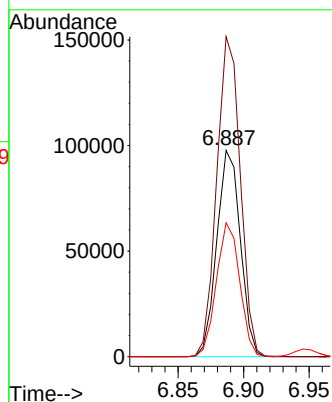
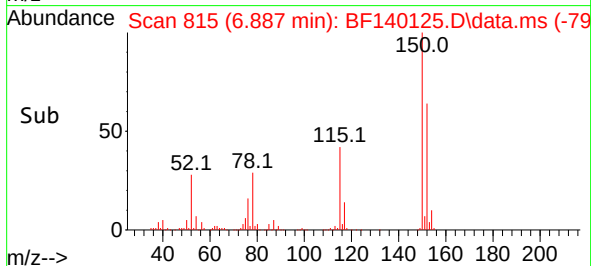
Instrument :
BNA_F
ClientSampleId :
WB-305-TOP-1



Tgt Ion:152 Resp: 12187
Ion Ratio Lower Upper
152 100
150 155.1 130.2 195.2
115 64.9 51.4 77.2

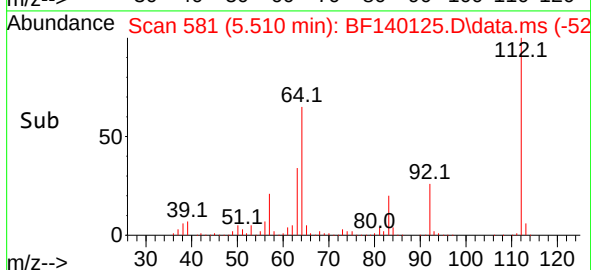
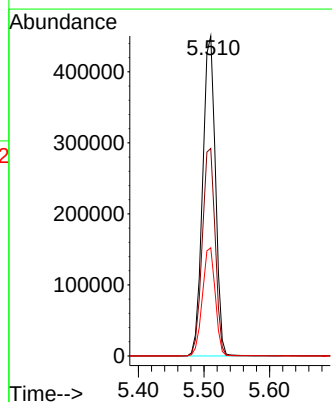
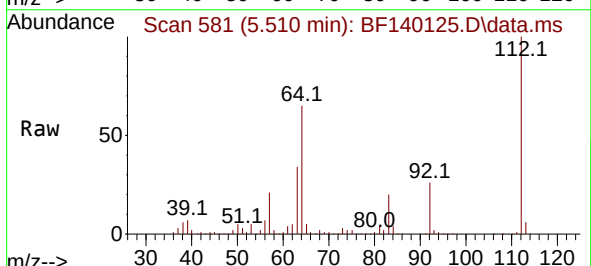
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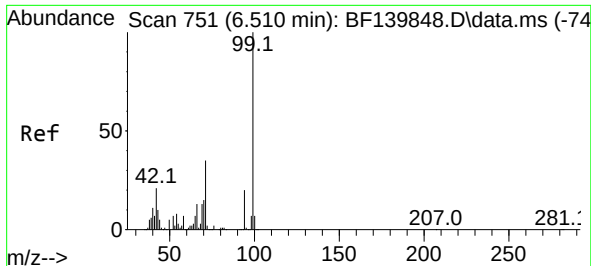
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#5
2-Fluorophenol
Concen: 78.631 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140125.D
Acq: 29 Oct 2024 21:13

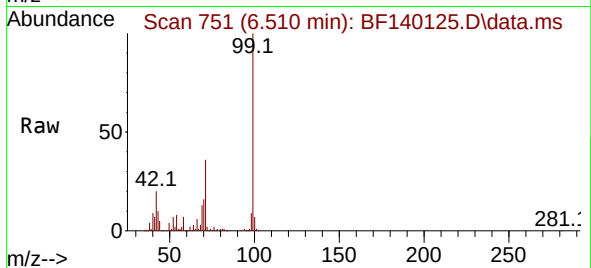
Tgt Ion:112 Resp: 612161
Ion Ratio Lower Upper
112 100
64 64.9 53.0 79.6
63 33.8 27.0 40.4





#7
Phenol-d6
Concen: 77.418 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF140125.D
Acq: 29 Oct 2024 21:13

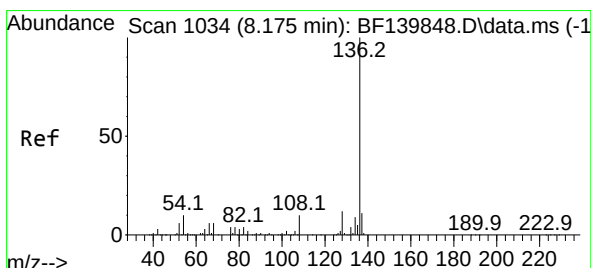
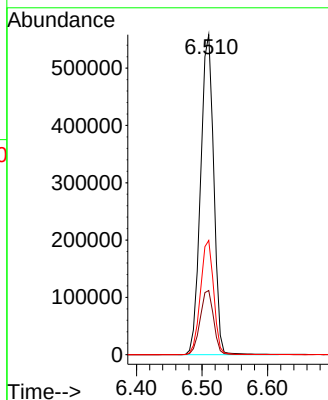
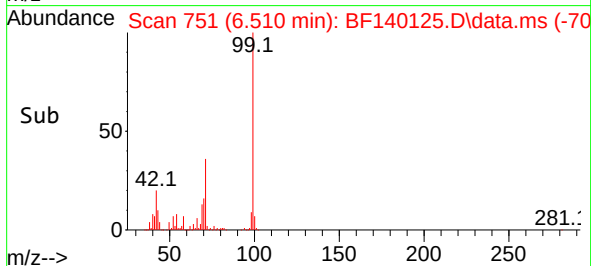
Instrument :
BNA_F
ClientSampleId :
WB-305-TOP-1



Tgt Ion: 99 Resp: 780620
Ion Ratio Lower Upper
99 100
42 20.1 16.7 25.1
71 35.7 27.7 41.5

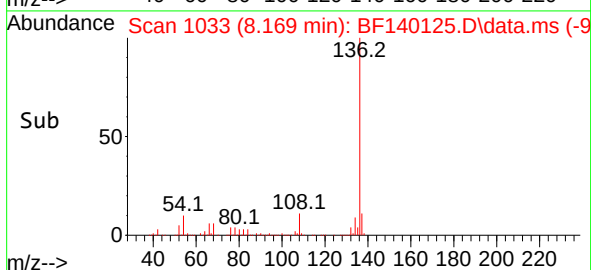
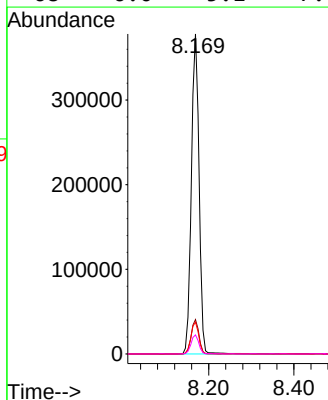
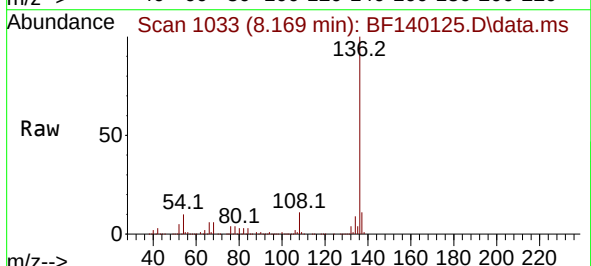
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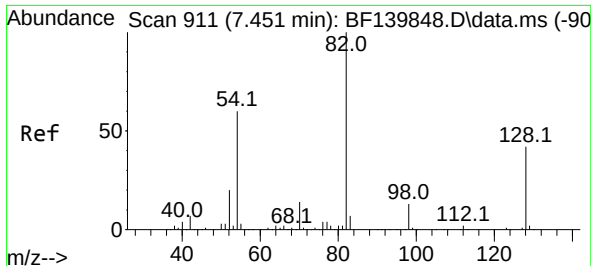
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140125.D
Acq: 29 Oct 2024 21:13

Tgt Ion:136 Resp: 473789
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.9 8.4 12.6
68 6.0 5.1 7.7





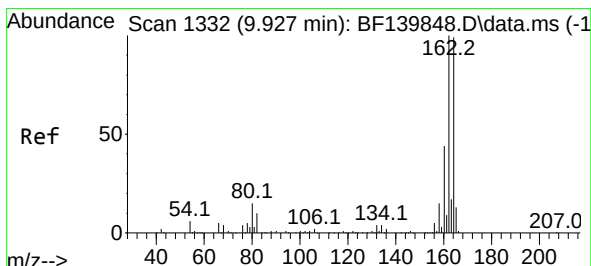
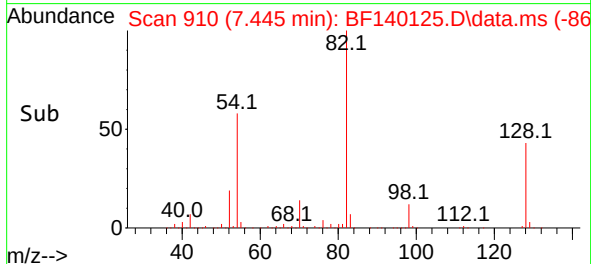
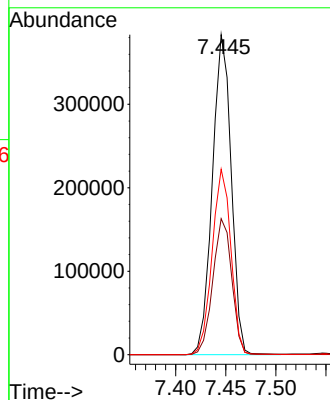
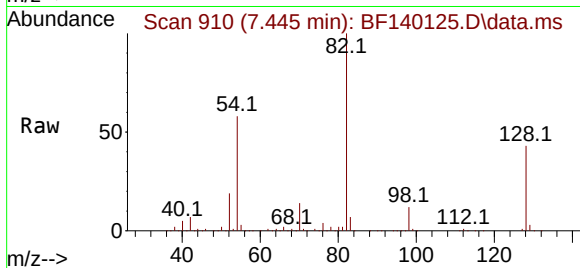
#23
Nitrobenzene-d5
Concen: 58.708 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140125.D
Acq: 29 Oct 2024 21:13

Instrument :
BNA_F
ClientSampleId :
WB-305-TOP-1

Tgt Ion: 82 Resp: 50186
Ion Ratio Lower Upper
82 100
128 42.5 33.4 50.0
54 57.9 47.8 71.8

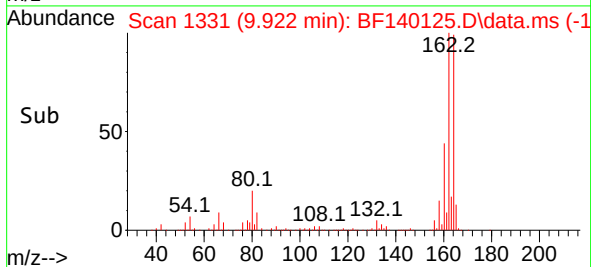
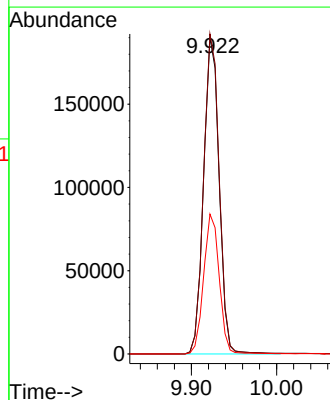
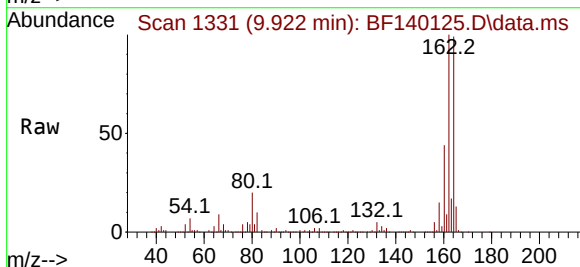
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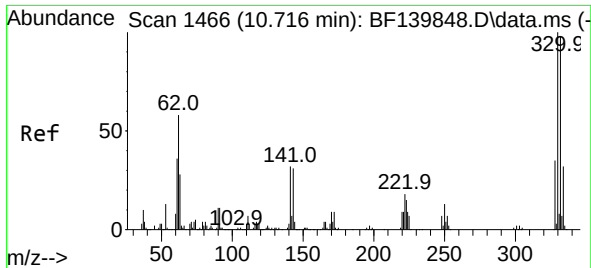
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140125.D
Acq: 29 Oct 2024 21:13

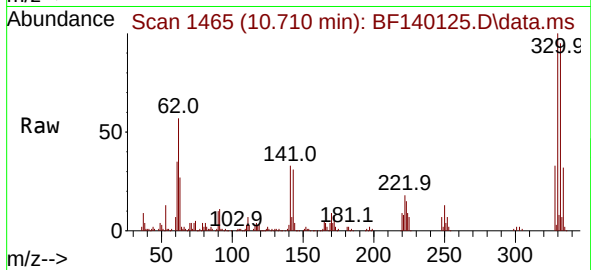
Tgt Ion:164 Resp: 240944
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.4
160 44.2 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 63.581 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF140125.D
Acq: 29 Oct 2024 21:13

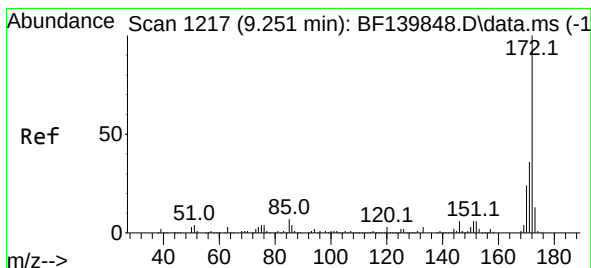
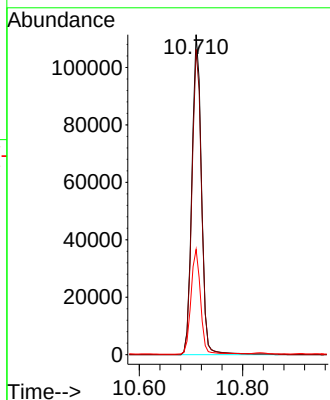
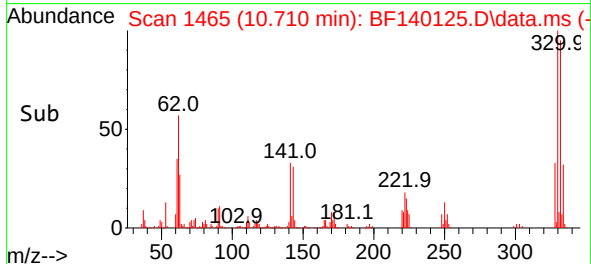
Instrument :
BNA_F
ClientSampleId :
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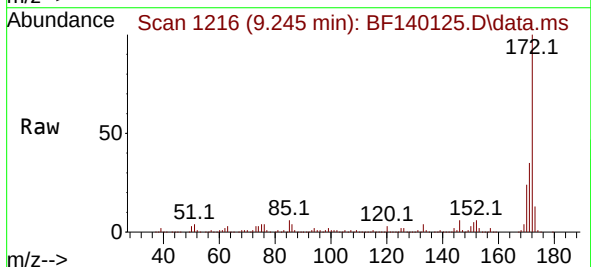
Tgt Ion: 330 Resp: 14329
Ion Ratio Lower Upper
330 100
332 95.6 78.1 117.1
141 32.6 26.6 39.8

Manual Integrations
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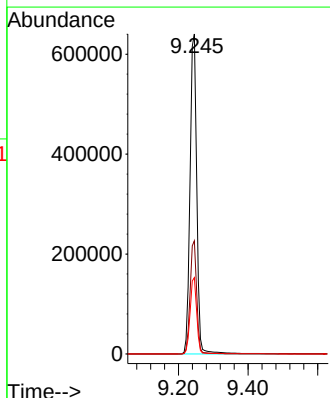
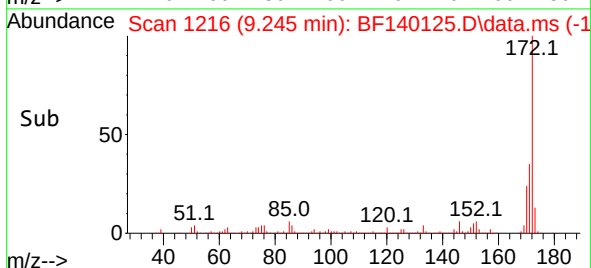
Reviewed By : Jagrut Upadhyay 10/30/2024
Supervised By : mohammad ahmed 11/04/2024

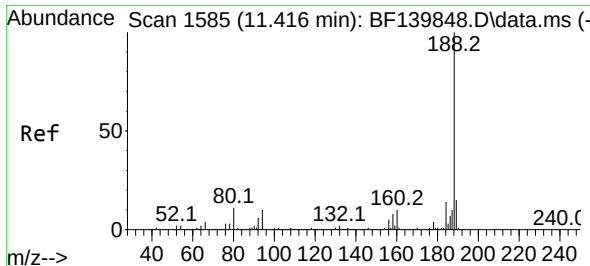


#45
2-Fluorobiphenyl
Concen: 59.267 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140125.D
Acq: 29 Oct 2024 21:13



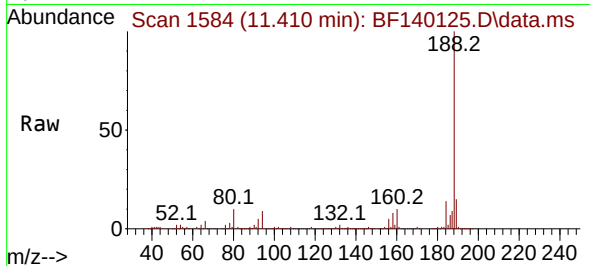
Tgt Ion: 172 Resp: 864050
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.8 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF140125.D
Acq: 29 Oct 2024 21:13

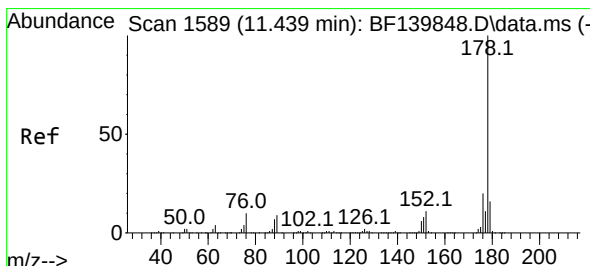
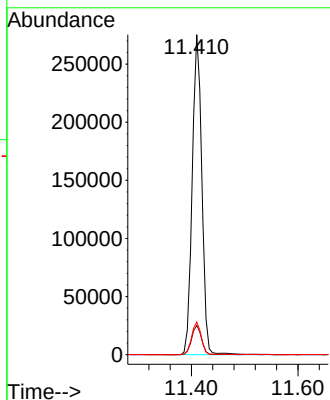
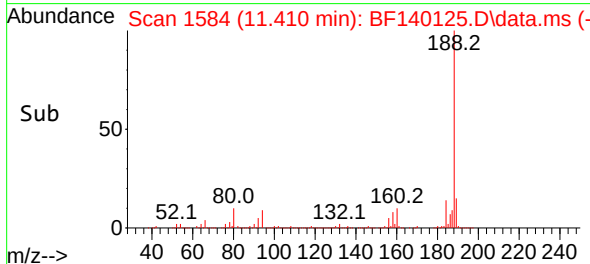
Instrument :
BNA_F
ClientSampleId :
WB-305-TOP-1



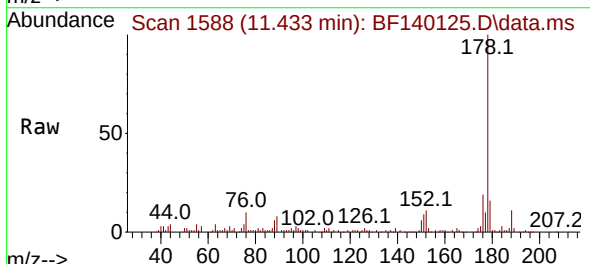
Tgt Ion:188 Resp: 345918
Ion Ratio Lower Upper
188 100
94 9.2 7.9 11.9
80 10.2 9.0 13.4

Manual Integrations
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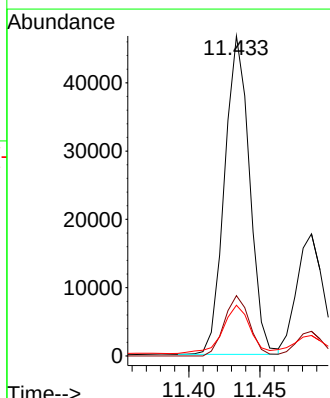
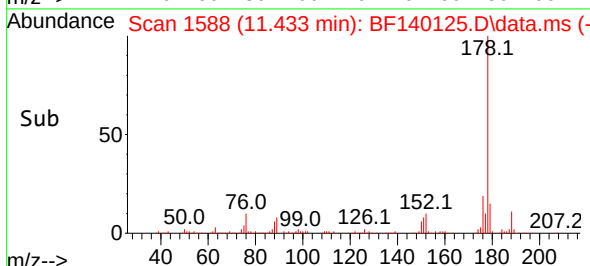
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

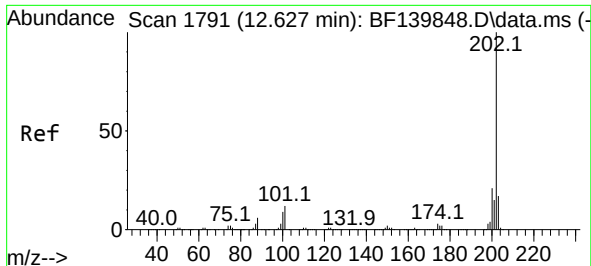


#71
Phenanthrene
Concen: 3.486 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF140125.D
Acq: 29 Oct 2024 21:13



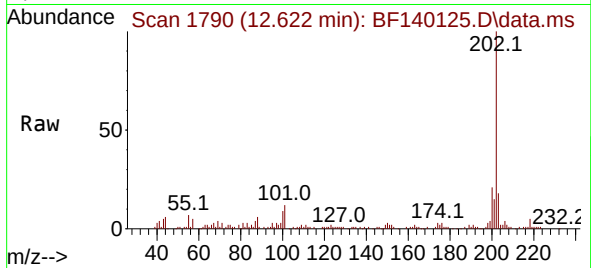
Tgt Ion:178 Resp: 56966
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.6
179 15.9 12.6 18.8





#75
Fluoranthene
Concen: 3.122 ng
RT: 12.622 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF140125.D
Acq: 29 Oct 2024 21:13

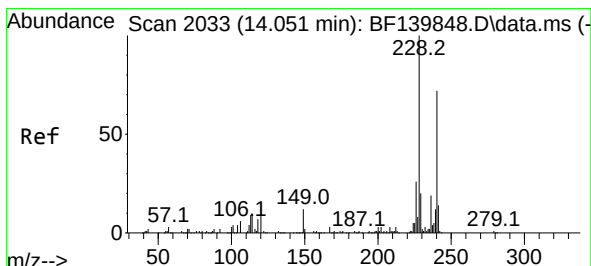
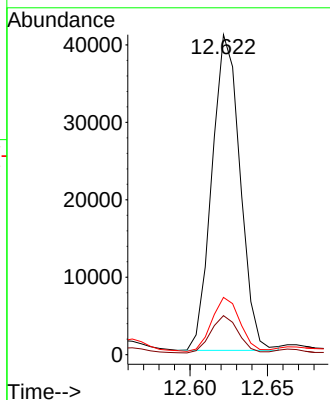
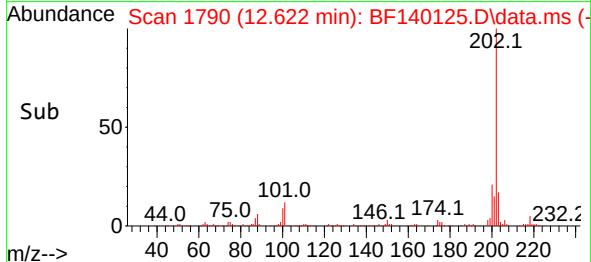
Instrument :
BNA_F
ClientSampleId :
WB-305-TOP-1



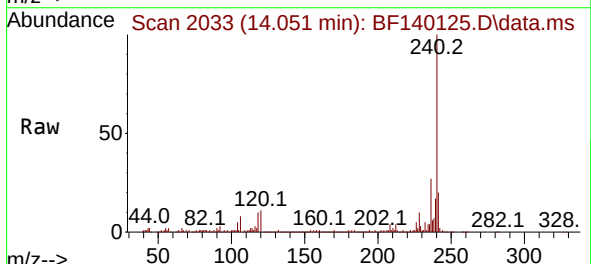
Tgt Ion:202 Resp: 5157
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.9
203 17.9 0.0 37.5

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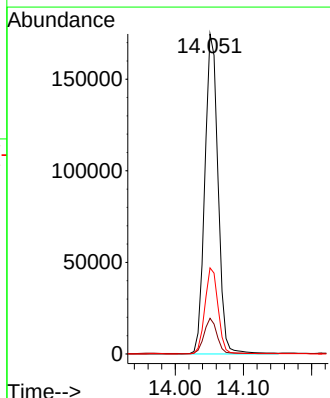
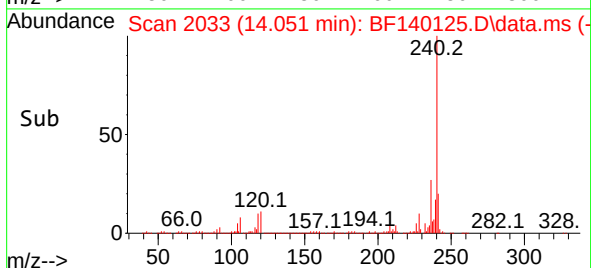
Reviewed By :Jagrut Upadhyay 10/30/2024
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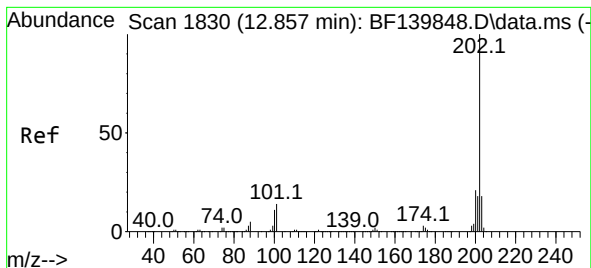


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140125.D
Acq: 29 Oct 2024 21:13



Tgt Ion:240 Resp: 236214
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 26.9 20.9 31.3





#78

Pyrene

Concen: 3.288 ng

RT: 12.851 min Scan# 1829

Delta R.T. -0.006 min

Lab File: BF140125.D

Acq: 29 Oct 2024 21:13

Instrument :

BNA_F

ClientSampleId :

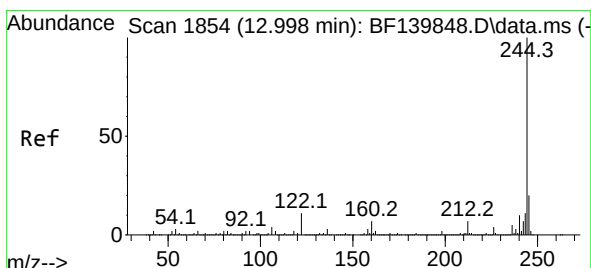
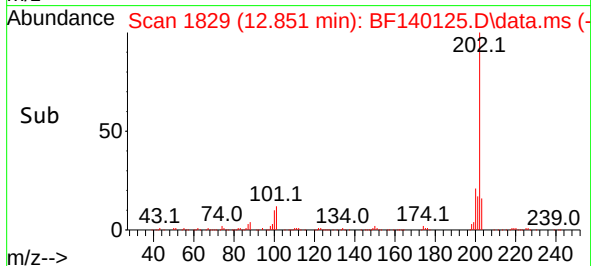
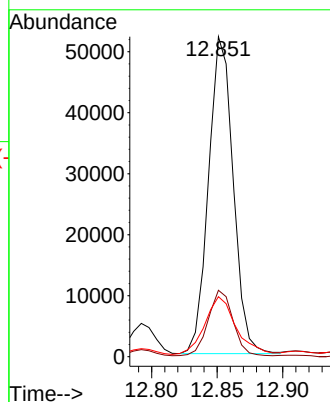
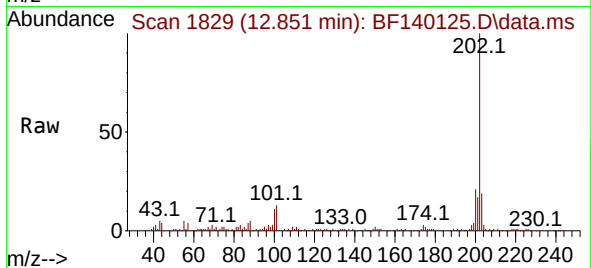
WB-305-TOP-1

Tgt Ion:202 Resp: 67980
 Ion Ratio Lower Upper
 202 100
 200 20.7 17.2 25.8
 203 18.8 14.2 21.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024



#79

Terphenyl-d14

Concen: 42.418 ng

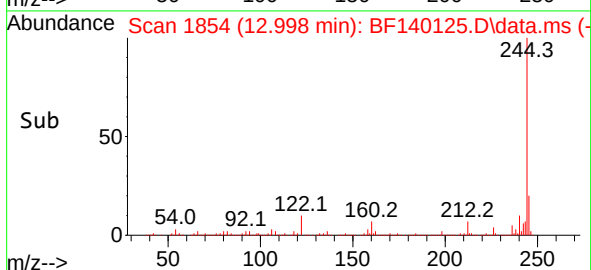
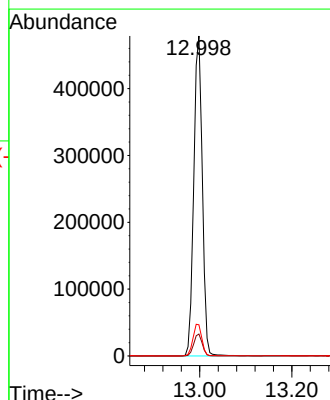
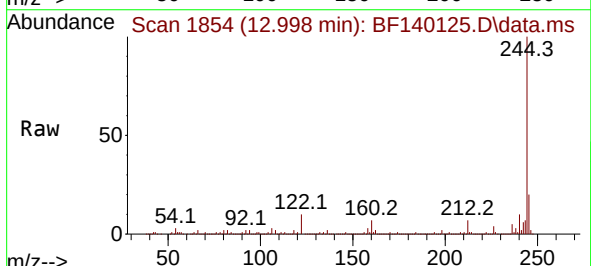
RT: 12.998 min Scan# 1854

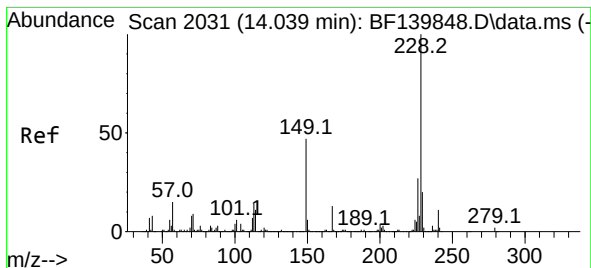
Delta R.T. 0.000 min

Lab File: BF140125.D

Acq: 29 Oct 2024 21:13

Tgt Ion:244 Resp: 614896
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.8 8.6 13.0





#81

Benzo(a)anthracene

Concen: 2.540 ng m

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF140125.D

Acq: 29 Oct 2024 21:13

Instrument :

BNA_F

ClientSampleId :

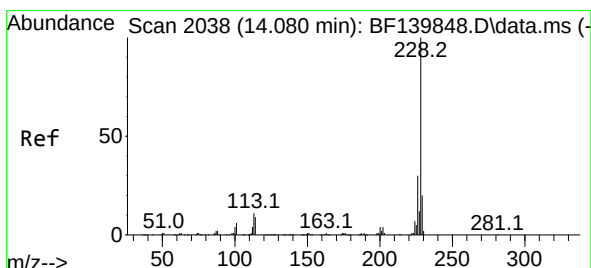
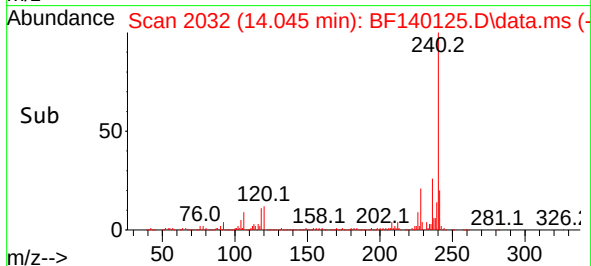
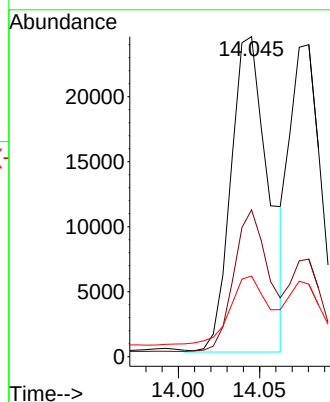
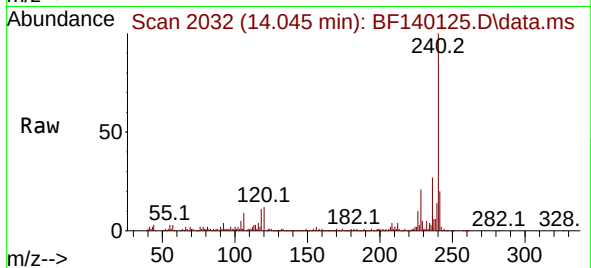
WB-305-TOP-1

Tgt Ion:228 Resp: 3906
 Ion Ratio Lower Upper
 228 100
 226 45.9 21.6 32.4
 229 25.2 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024



#83

Chrysene

Concen: 2.275 ng

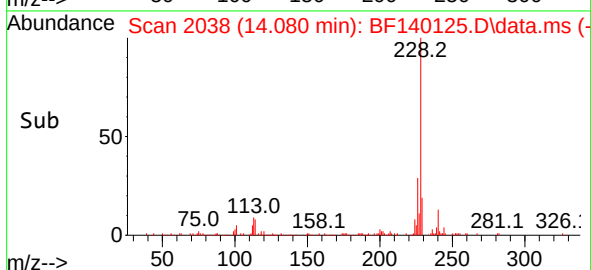
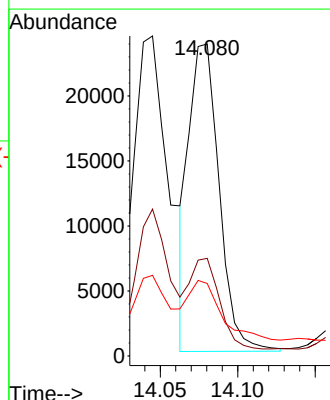
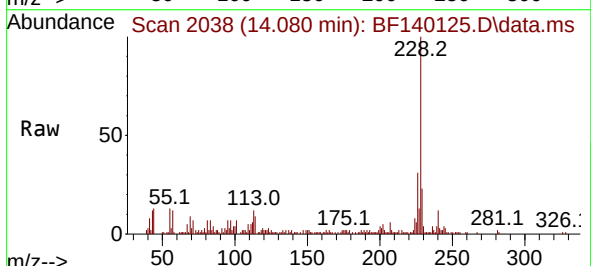
RT: 14.080 min Scan# 2038

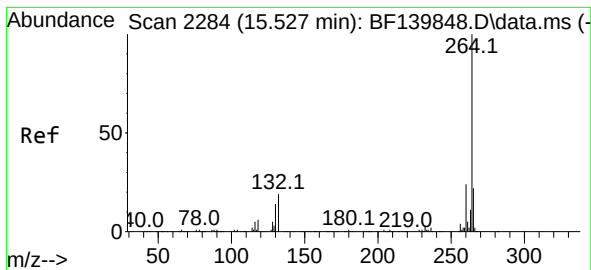
Delta R.T. 0.000 min

Lab File: BF140125.D

Acq: 29 Oct 2024 21:13

Tgt Ion:228 Resp: 32076
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.1 36.1
 229 23.3 15.8 23.6





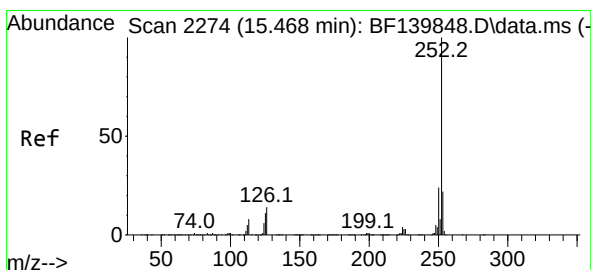
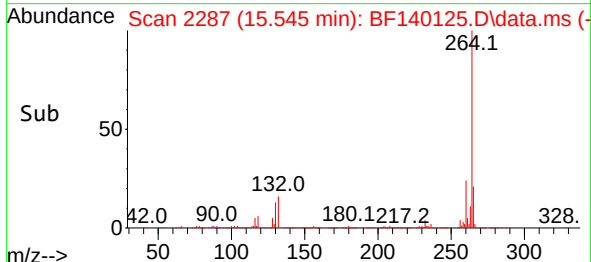
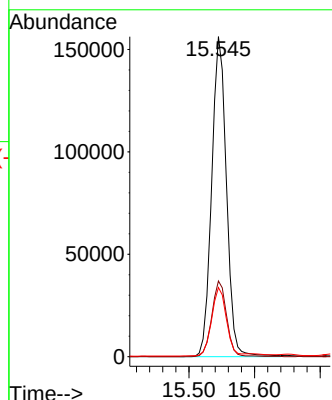
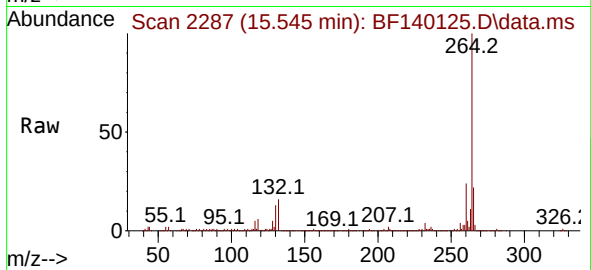
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF140125.D
Acq: 29 Oct 2024 21:13

Instrument :
BNA_F
ClientSampleId :
WB-305-TOP-1

Tgt Ion:264 Resp: 24486
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 21.6 17.4 26.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#90
Benzo(a)pyrene
Concen: 2.321 ng
RT: 15.480 min Scan# 2276
Delta R.T. 0.012 min
Lab File: BF140125.D
Acq: 29 Oct 2024 21:13

Tgt Ion:252 Resp: 28489
Ion Ratio Lower Upper
252 100
253 23.9 17.3 25.9
125 12.4 8.7 13.1

