

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138012.D
 Acq On : 22 May 2024 18:53
 Operator : CG\JU
 Sample : P2538-01DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POLE-SLEEVE-SOILD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 23 01:13:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	145440	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	553347	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	304910	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	489309	20.000	ng	0.00
76) Chrysene-d12	14.221	240	283443	20.000	ng	0.00
86) Perylene-d12	15.786	264	332241	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.645	112	195957	22.887	ng	-0.02
7) Phenol-d6	6.639	99	241568	22.904	ng	-0.02
23) Nitrobenzene-d5	7.586	82	136953	14.565	ng	-0.02
42) 2,4,6-Tribromophenol	10.869	330	58220	18.937	ng	-0.01
45) 2-Fluorobiphenyl	9.392	172	311216	15.722	ng	0.00
79) Terphenyl-d14	13.157	244	251277	13.065	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.598	178	181783	7.539	ng	99
75) Fluoranthene	12.792	202	215786	8.817	ng	100
78) Pyrene	13.021	202	194982	7.865	ng	98
80) Butylbenzylphthalate	13.633	149	375466	50.212	ng	99
81) Benzo(a)anthracene	14.215	228	75094	4.188	ng	97
83) Chrysene	14.251	228	69747	4.067	ng	99
88) Benzo(b)fluoranthene	15.315	252	80827m	4.202	ng	
90) Benzo(a)pyrene	15.715	252	64443	3.923	ng	98

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

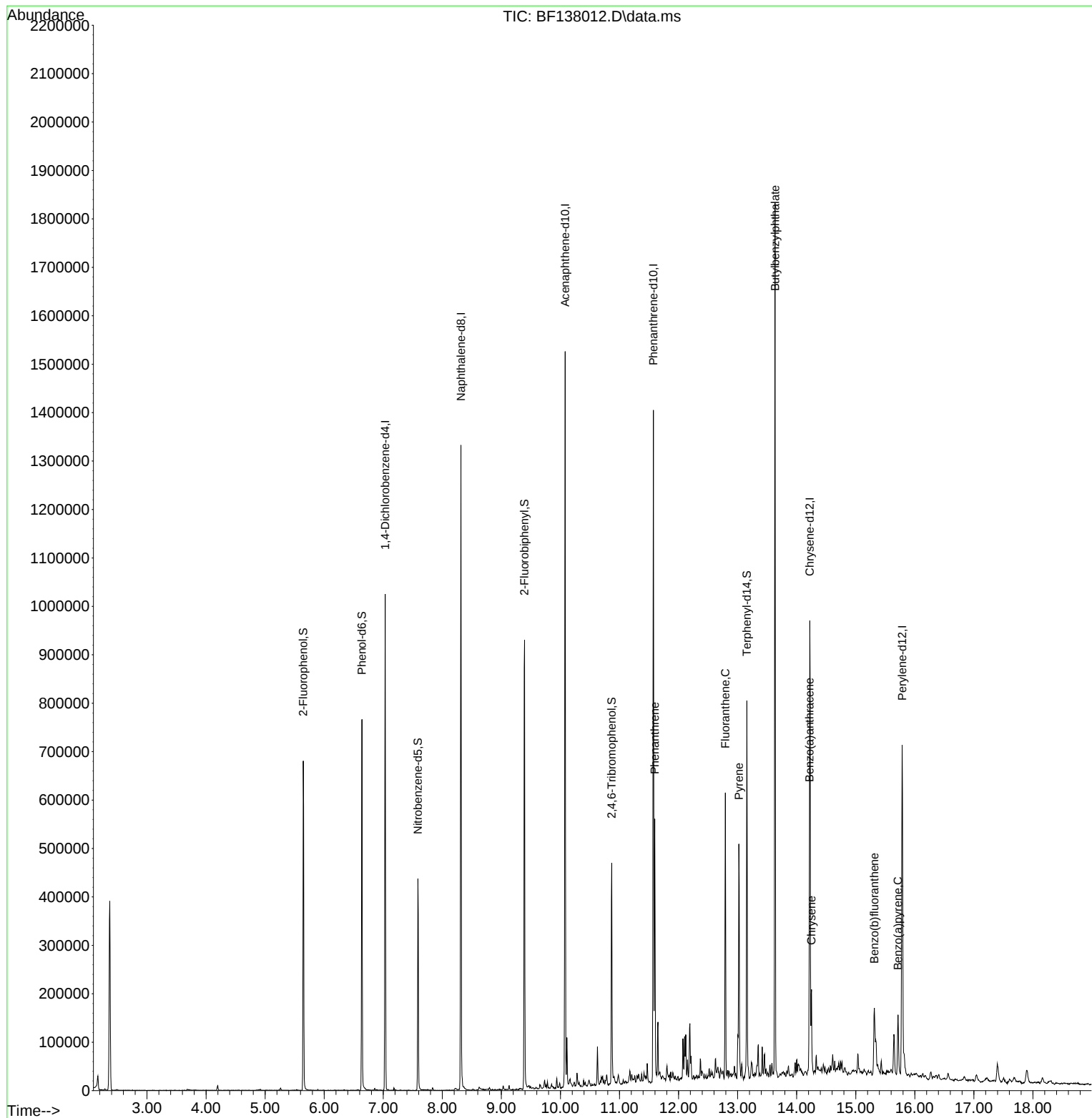
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
Data File : BF138012.D
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Sample : P2538-01DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

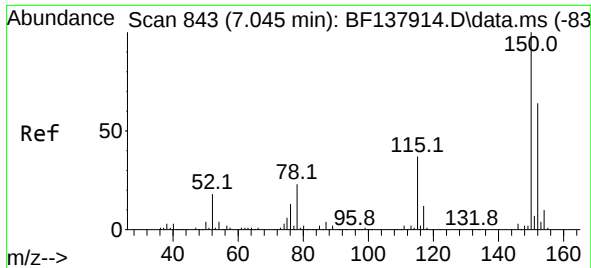
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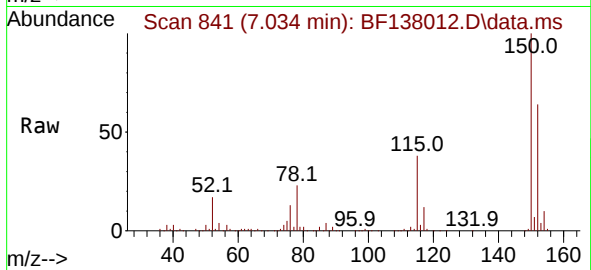
Quant Time: May 23 01:13:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138012.D
Acq: 22 May 2024 18:53

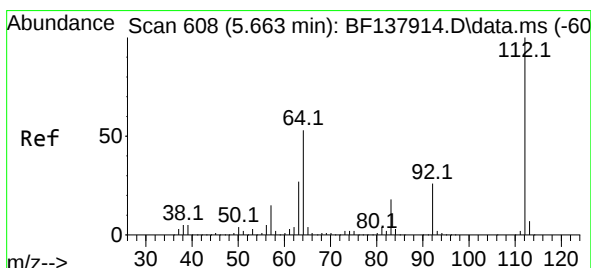
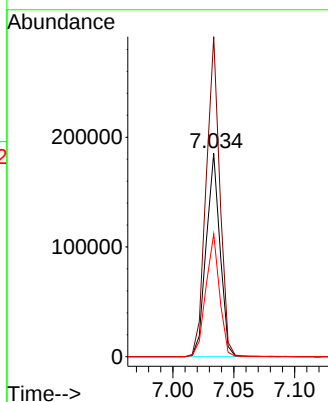
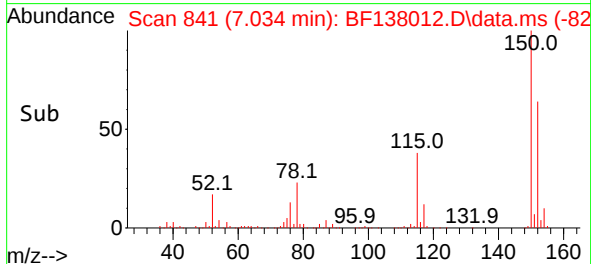
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILD



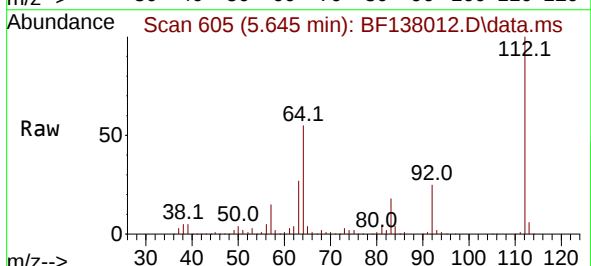
Tgt Ion:152 Resp: 145440
Ion Ratio Lower Upper
152 100
150 157.3 125.7 188.5
115 60.3 47.0 70.6

Manual Integrations
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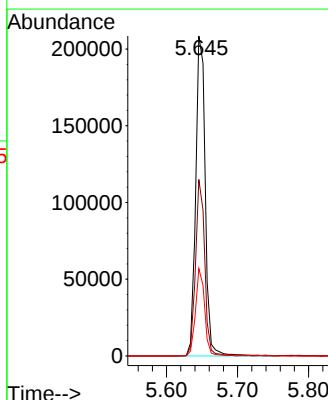
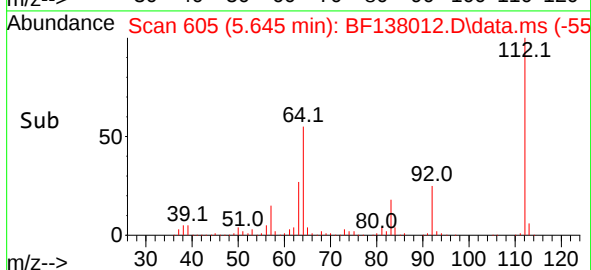
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

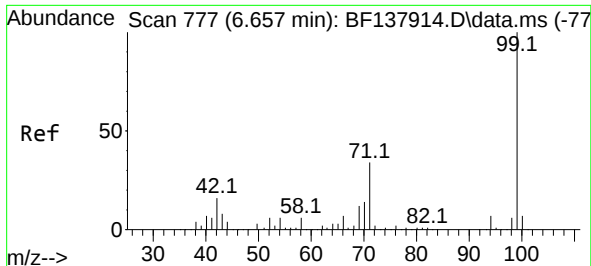


#5
2-Fluorophenol
Concen: 22.887 ng
RT: 5.645 min Scan# 605
Delta R.T. -0.018 min
Lab File: BF138012.D
Acq: 22 May 2024 18:53



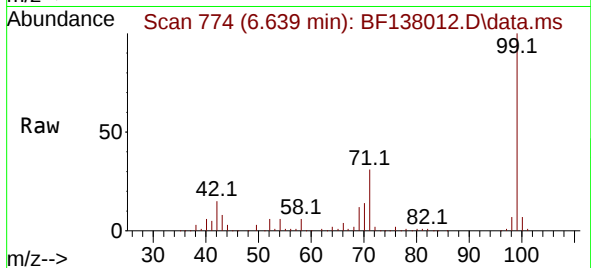
Tgt Ion:112 Resp: 195957
Ion Ratio Lower Upper
112 100
64 55.2 42.4 63.6
63 27.3 21.4 32.2





#7
Phenol-d6
Concen: 22.904 ng
RT: 6.639 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF138012.D
Acq: 22 May 2024 18:53

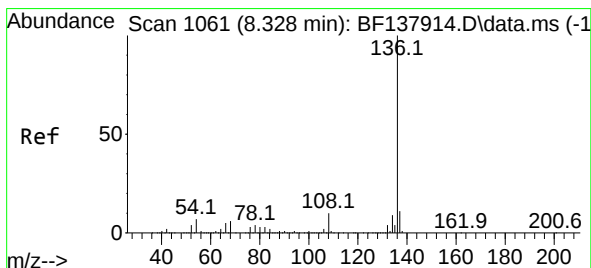
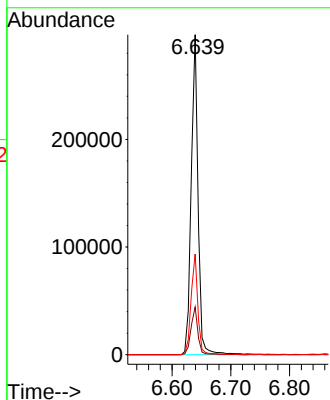
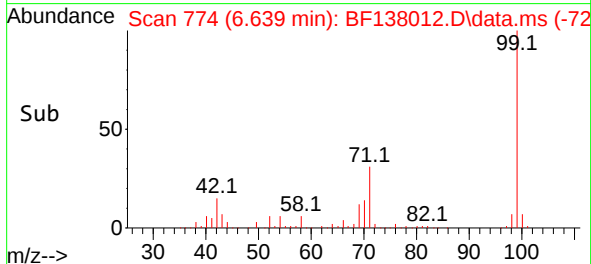
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILD



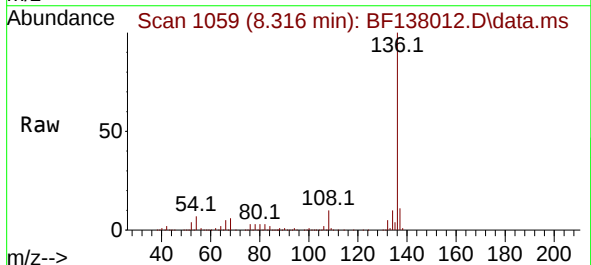
Tgt Ion: 99 Resp: 24156
Ion Ratio Lower Upper
99 100
42 14.9 12.6 18.8
71 31.5 27.1 40.7

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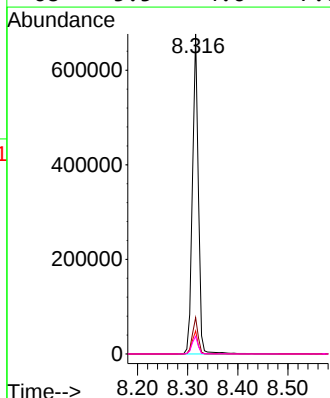
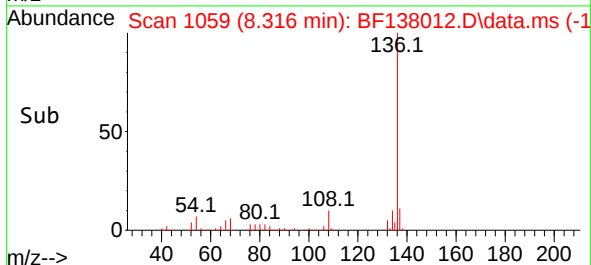
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138012.D
Acq: 22 May 2024 18:53



Tgt Ion:136 Resp: 553347
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 7.2 5.4 8.2
68 5.5 4.6 7.0





#23

Nitrobenzene-d5

Concen: 14.565 ng

RT: 7.586 min Scan# 91

Delta R.T. -0.024 min

Lab File: BF138012.D

Acq: 22 May 2024 18:53

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILD

Tgt Ion: 82 Resp: 13695

Ion Ratio Lower Upper

82 100

128 44.3 40.3 60.5

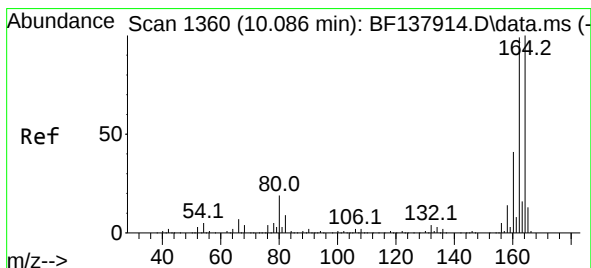
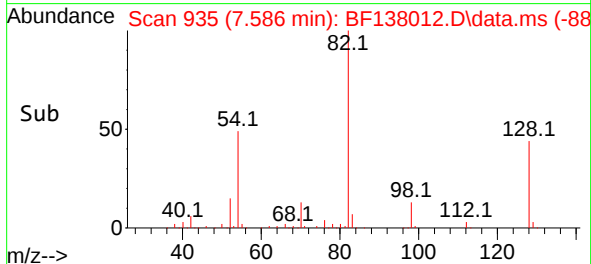
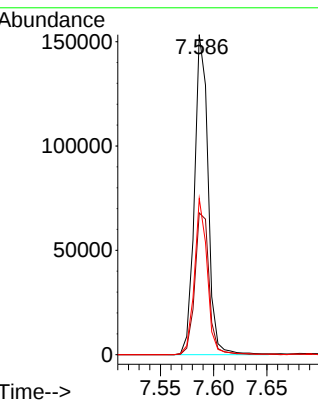
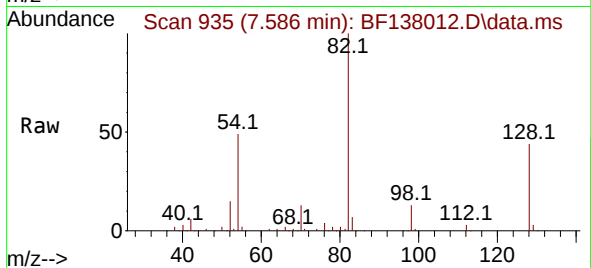
54 48.8 36.8 55.2

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Supervised By :mohammad ahmed 05/24/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.080 min Scan# 1359

Delta R.T. -0.006 min

Lab File: BF138012.D

Acq: 22 May 2024 18:53

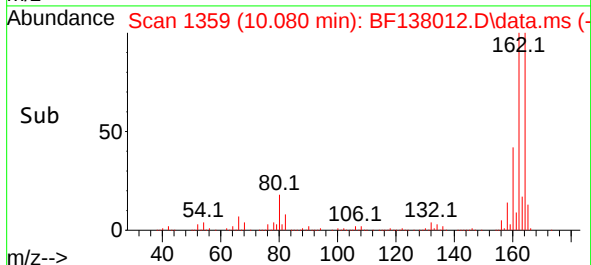
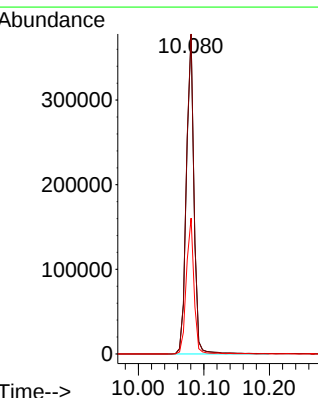
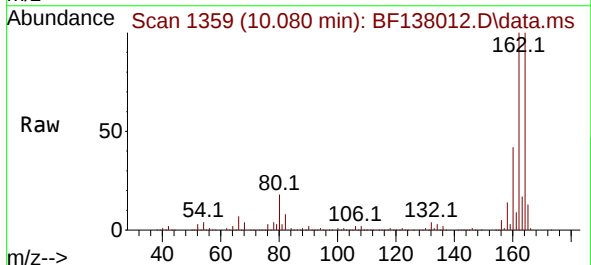
Tgt Ion:164 Resp: 304910

Ion Ratio Lower Upper

164 100

162 100.2 79.4 119.2

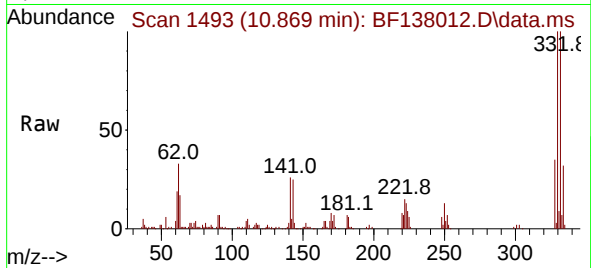
160 42.5 33.1 49.7





#42
2,4,6-Tribromophenol
Concen: 18.937 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.012 min
Lab File: BF138012.D
Acq: 22 May 2024 18:53

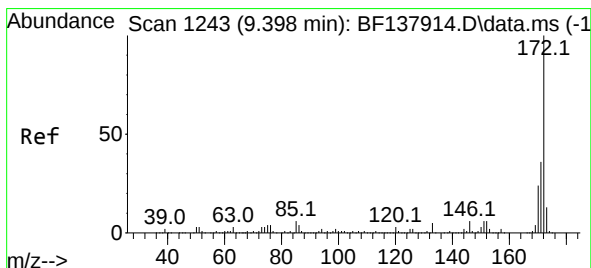
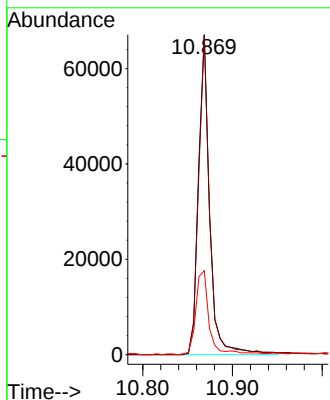
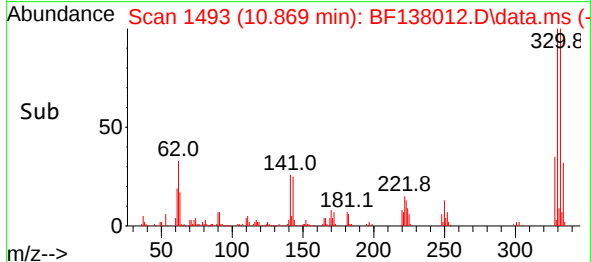
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILD



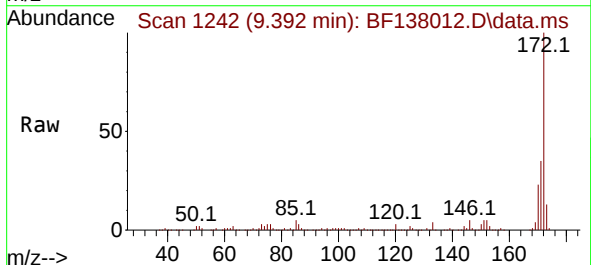
Tgt Ion:330 Resp: 58220
Ion Ratio Lower Upper
330 100
332 100.0 75.8 113.8
141 31.7 23.8 35.6

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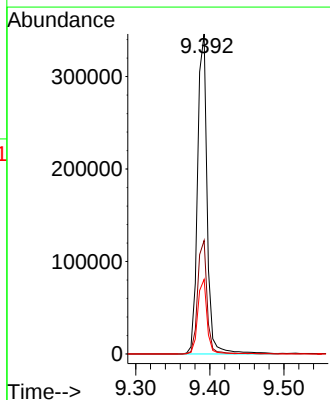
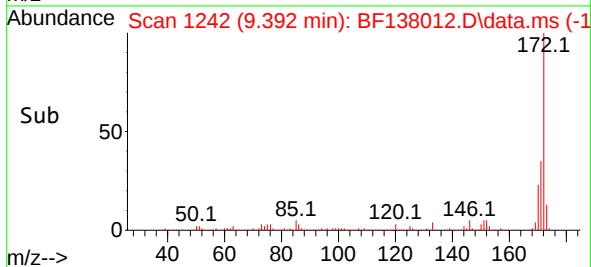
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

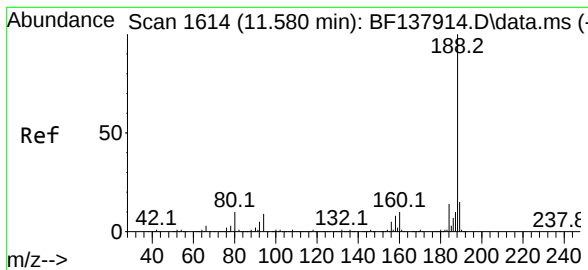


#45
2-Fluorobiphenyl
Concen: 15.722 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138012.D
Acq: 22 May 2024 18:53



Tgt Ion:172 Resp: 311216
Ion Ratio Lower Upper
172 100
171 35.5 28.9 43.3
170 23.3 18.9 28.3





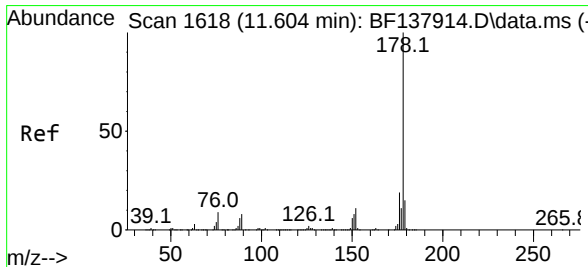
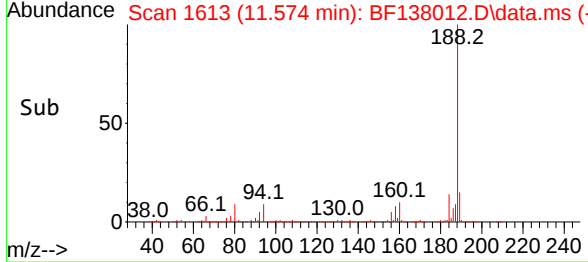
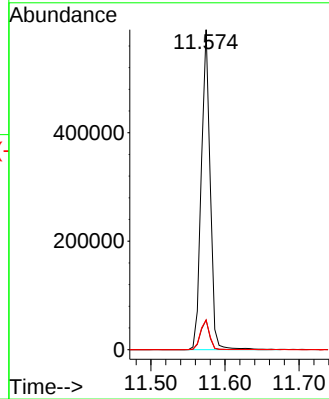
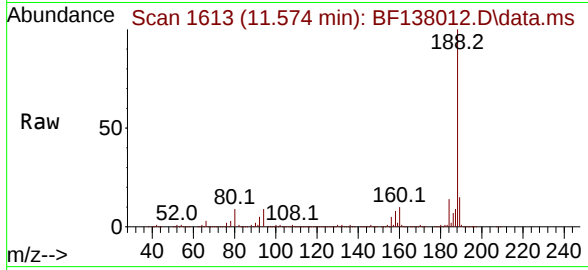
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF138012.D
Acq: 22 May 2024 18:53

Instrument :
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ClientSampleId :
POLE-SLEEVE-SOILD

Tgt Ion:188 Resp: 489309
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.4
80 9.3 7.7 11.5

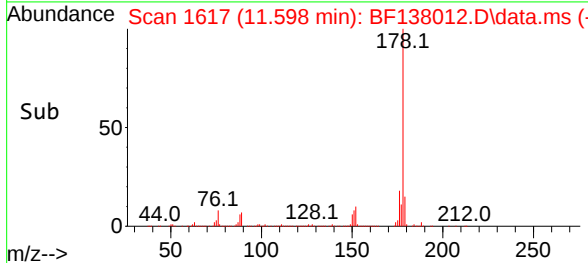
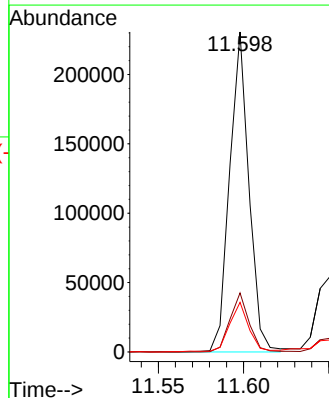
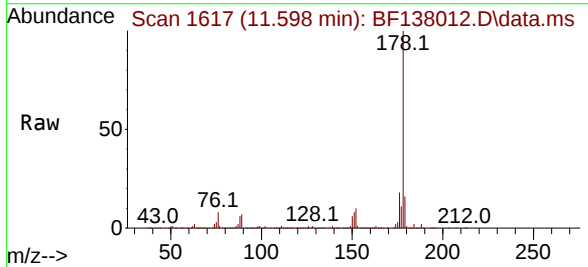
Manual Integrations
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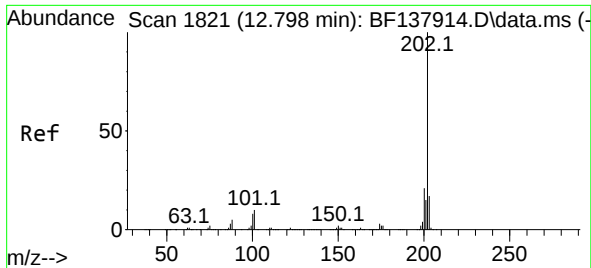
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#71
Phenanthrene
Concen: 7.539 ng
RT: 11.598 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BF138012.D
Acq: 22 May 2024 18:53

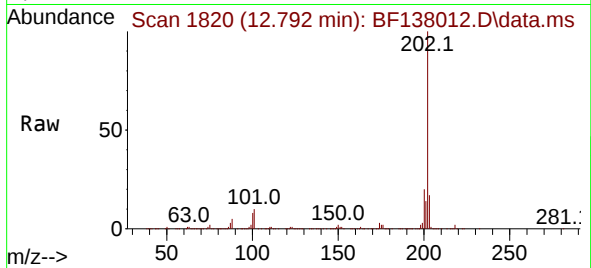
Tgt Ion:178 Resp: 181783
Ion Ratio Lower Upper
178 100
176 18.5 15.2 22.8
179 15.5 12.2 18.4





#75
Fluoranthene
Concen: 8.817 ng
RT: 12.792 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138012.D
Acq: 22 May 2024 18:53

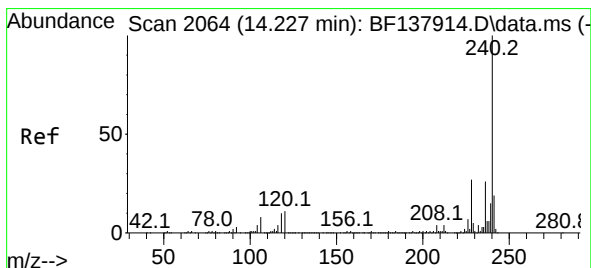
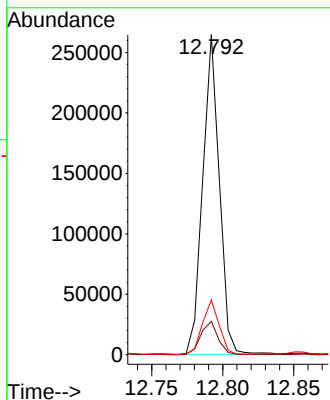
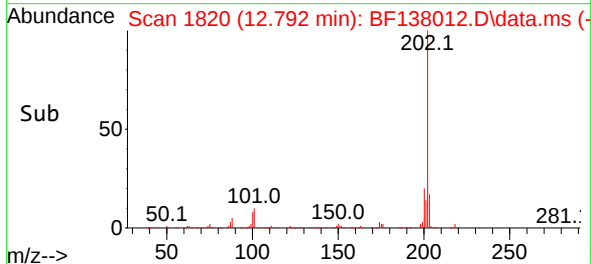
Instrument :
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POLE-SLEEVE-SOILD



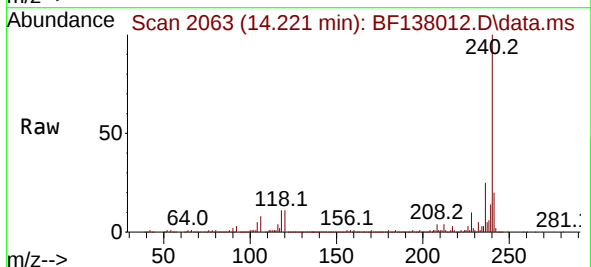
Tgt Ion:202 Resp: 215780
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.5
203 17.1 0.0 37.3

Manual Integrations
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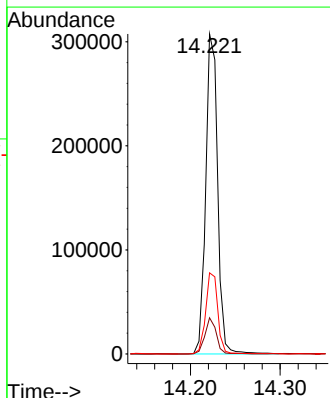
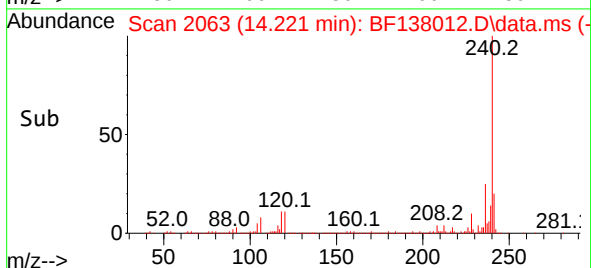
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

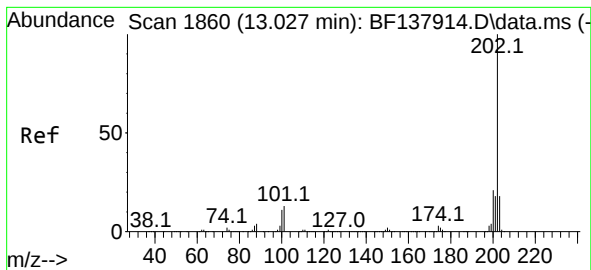


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF138012.D
Acq: 22 May 2024 18:53



Tgt Ion:240 Resp: 283443
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.4 21.0 31.4





#78

Pyrene

Concen: 7.865 ng

RT: 13.021 min Scan# 1859

Delta R.T. -0.006 min

Lab File: BF138012.D

Acq: 22 May 2024 18:53

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILD

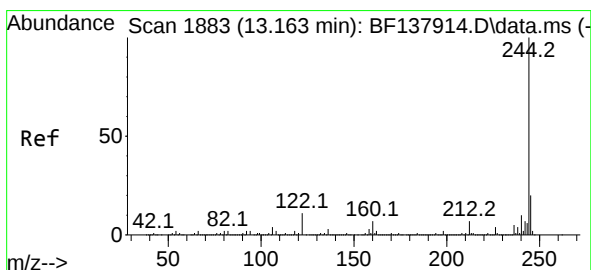
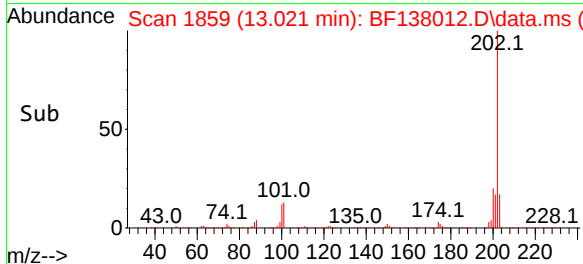
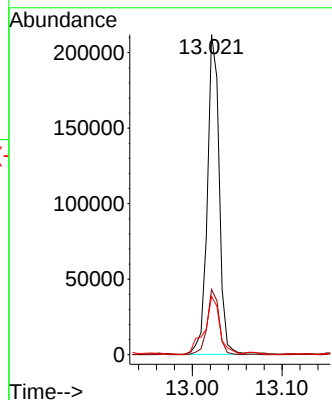
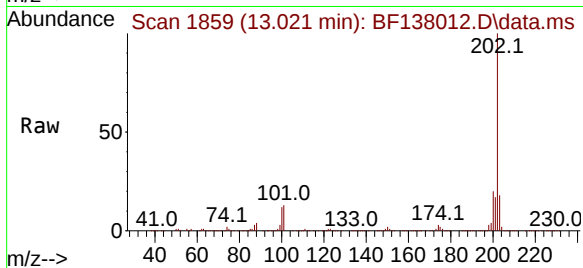
Tgt Ion:202	Resp: 19498
Ion Ratio	Lower Upper
202 100	
200 20.4	17.0 25.4
203 18.2	14.1 21.1

Manual Integrations

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#79

Terphenyl-d14

Concen: 13.065 ng

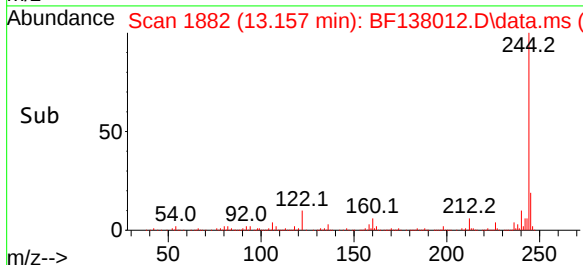
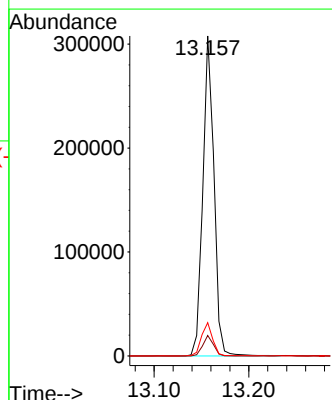
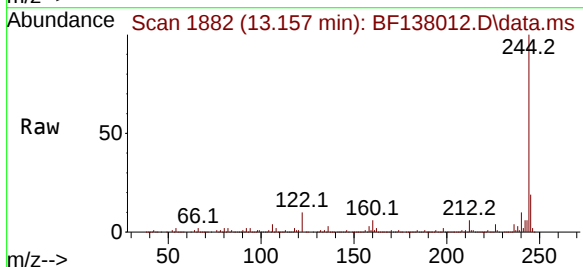
RT: 13.157 min Scan# 1882

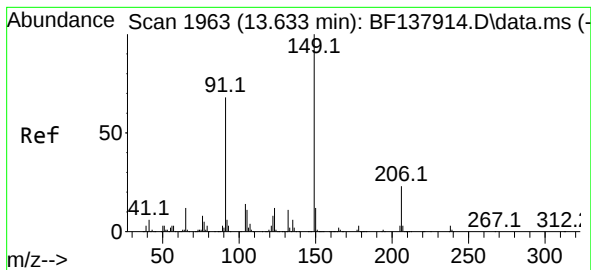
Delta R.T. -0.006 min

Lab File: BF138012.D

Acq: 22 May 2024 18:53

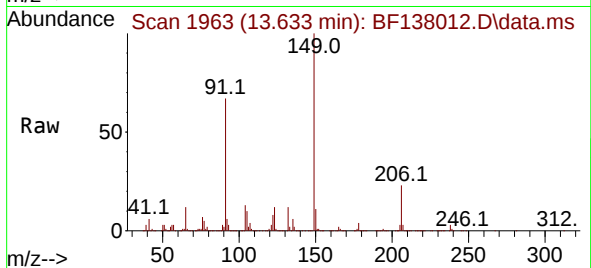
Tgt Ion:244	Resp: 251277
Ion Ratio	Lower Upper
244 100	
212 6.4	5.6 8.4
122 10.4	8.8 13.2





#80
Butylbenzylphthalate
Concen: 50.212 ng
RT: 13.633 min Scan# 1963
Delta R.T. -0.000 min
Lab File: BF138012.D
Acq: 22 May 2024 18:53

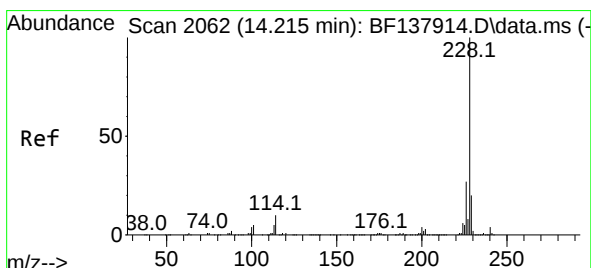
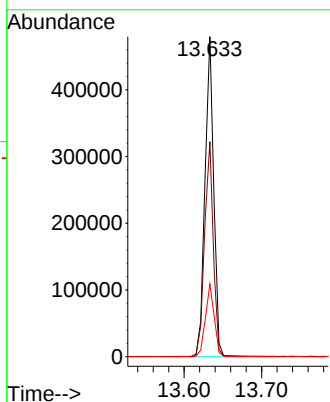
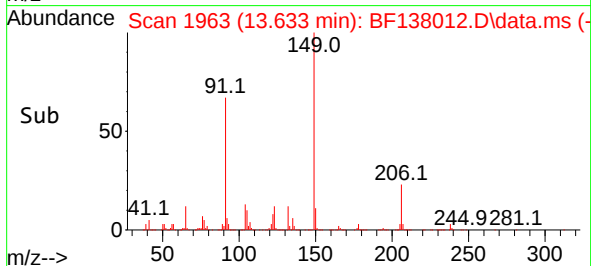
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILD



Tgt Ion:149 Resp: 375460
Ion Ratio Lower Upper
149 100
91 67.2 54.2 81.4
206 22.7 18.1 27.1

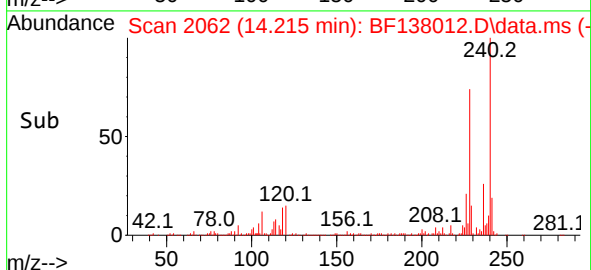
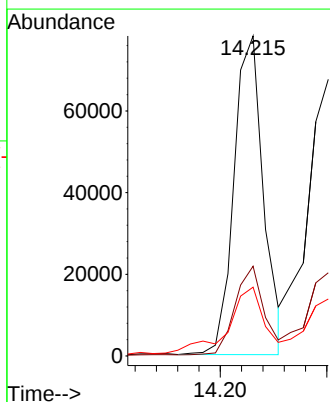
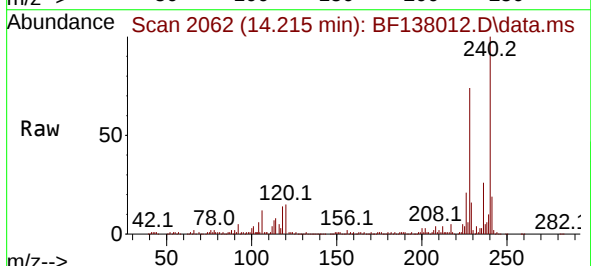
Manual Integrations
APPROVED

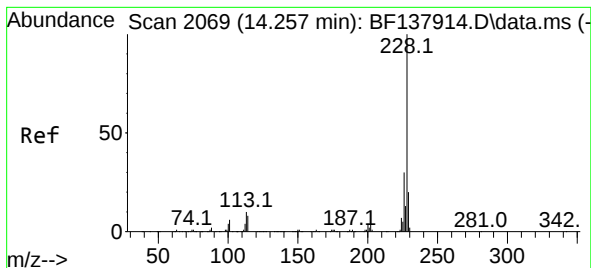
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#81
Benzo(a)anthracene
Concen: 4.188 ng
RT: 14.215 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BF138012.D
Acq: 22 May 2024 18:53

Tgt Ion:228 Resp: 75094
Ion Ratio Lower Upper
228 100
226 28.1 21.3 31.9
229 21.5 15.7 23.5





#83

Chrysene

Concen: 4.067 ng

RT: 14.251 min Scan# 2068

Delta R.T. -0.006 min

Lab File: BF138012.D

Acq: 22 May 2024 18:53

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILD

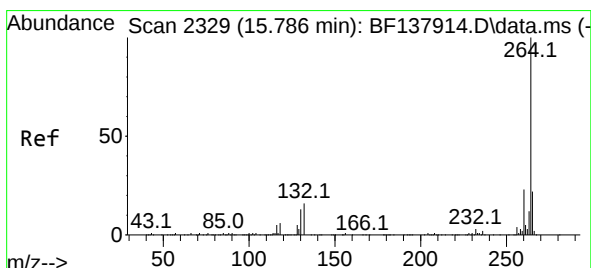
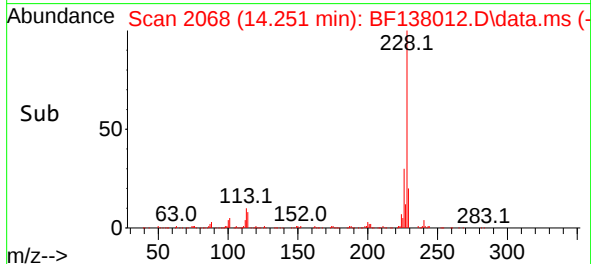
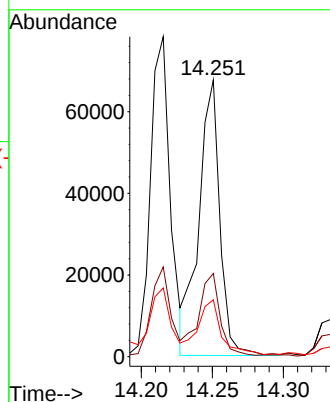
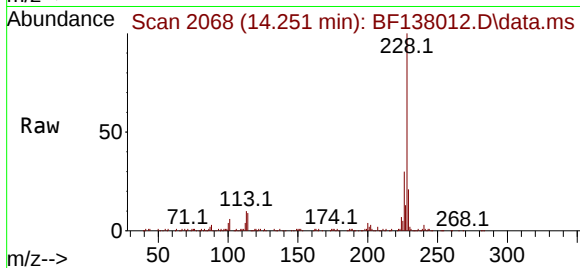
Tgt Ion:228	Resp: 6974
Ion Ratio	Lower Upper
228 100	
226 30.1	23.8 35.8
229 20.6	15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#86

Perylene-d12

Concen: 20.000 ng

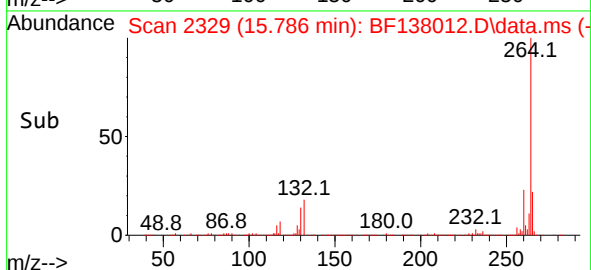
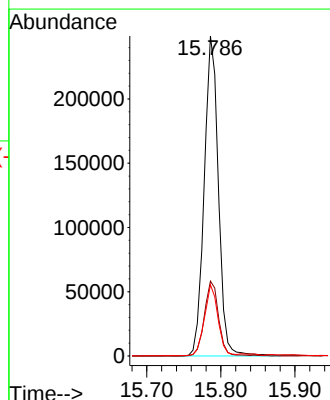
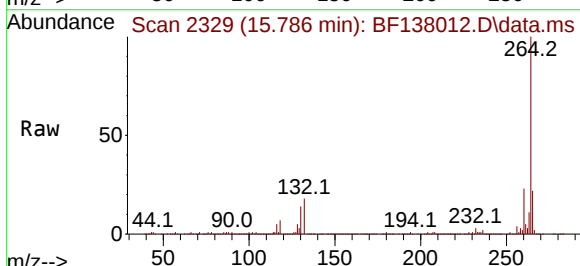
RT: 15.786 min Scan# 2329

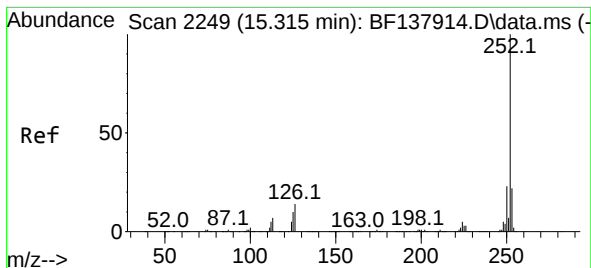
Delta R.T. -0.000 min

Lab File: BF138012.D

Acq: 22 May 2024 18:53

Tgt Ion:264	Resp: 332241
Ion Ratio	Lower Upper
264 100	
260 23.4	18.3 27.5
265 22.2	17.6 26.4





#88

Benzo(b)fluoranthene

Concen: 4.202 ng m

RT: 15.315 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138012.D

Acq: 22 May 2024 18:53

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOILD

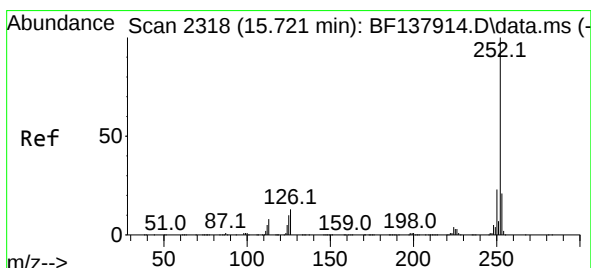
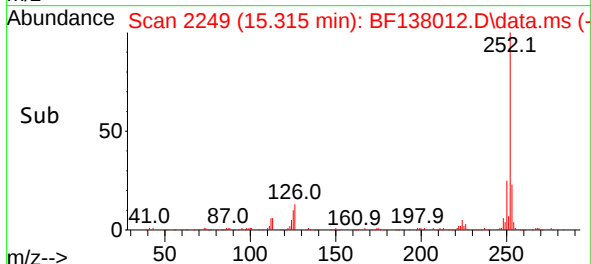
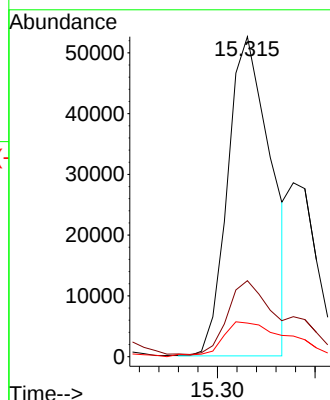
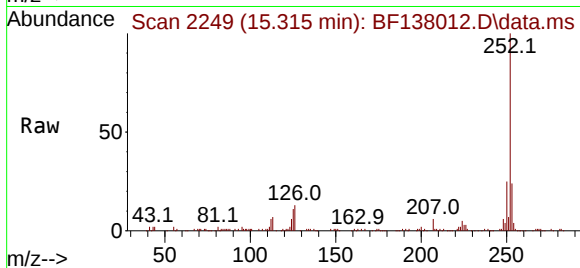
Tgt Ion:252 Resp: 8082
 Ion Ratio Lower Upper
 252 100
 253 23.8 17.6 26.4
 125 10.5 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#90

Benzo(a)pyrene

Concen: 3.923 ng

RT: 15.715 min Scan# 2317

Delta R.T. -0.006 min

Lab File: BF138012.D

Acq: 22 May 2024 18:53

Tgt Ion:252 Resp: 64443
 Ion Ratio Lower Upper
 252 100
 253 20.8 17.0 25.6
 125 10.9 7.8 11.8

