

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
 Data File : BF140722.D
 Acq On : 03 Dec 2024 20:10
 Operator : RC/JU
 Sample : P5048-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-746-WC

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/04/2024
 Supervised By :mohammad ahmed 12/05/2024

Quant Time: Dec 03 22:16:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	63853	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	232646	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	114296	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	170686	20.000	ng	0.00
76) Chrysene-d12	14.051	240	132558	20.000	ng	0.00
86) Perylene-d12	15.557	264	120586	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	385584	103.031	ng	0.00
7) Phenol-d6	6.510	99	496520	100.357	ng	0.00
23) Nitrobenzene-d5	7.434	82	321181	70.616	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	109786	89.812	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	585166	76.281	ng	-0.01
79) Terphenyl-d14	12.980	244	438144	51.468	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	12.616	202	29971	3.364	ng	99
78) Pyrene	12.845	202	35602	2.905	ng	97
81) Benzo(a)anthracene	14.039	228	18154	2.069	ng	# 87
83) Chrysene	14.074	228	16211	2.020	ng	# 88
88) Benzo(b)fluoranthene	15.121	252	17474m	2.307	ng	
90) Benzo(a)pyrene	15.492	252	15833	2.571	ng	# 85

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

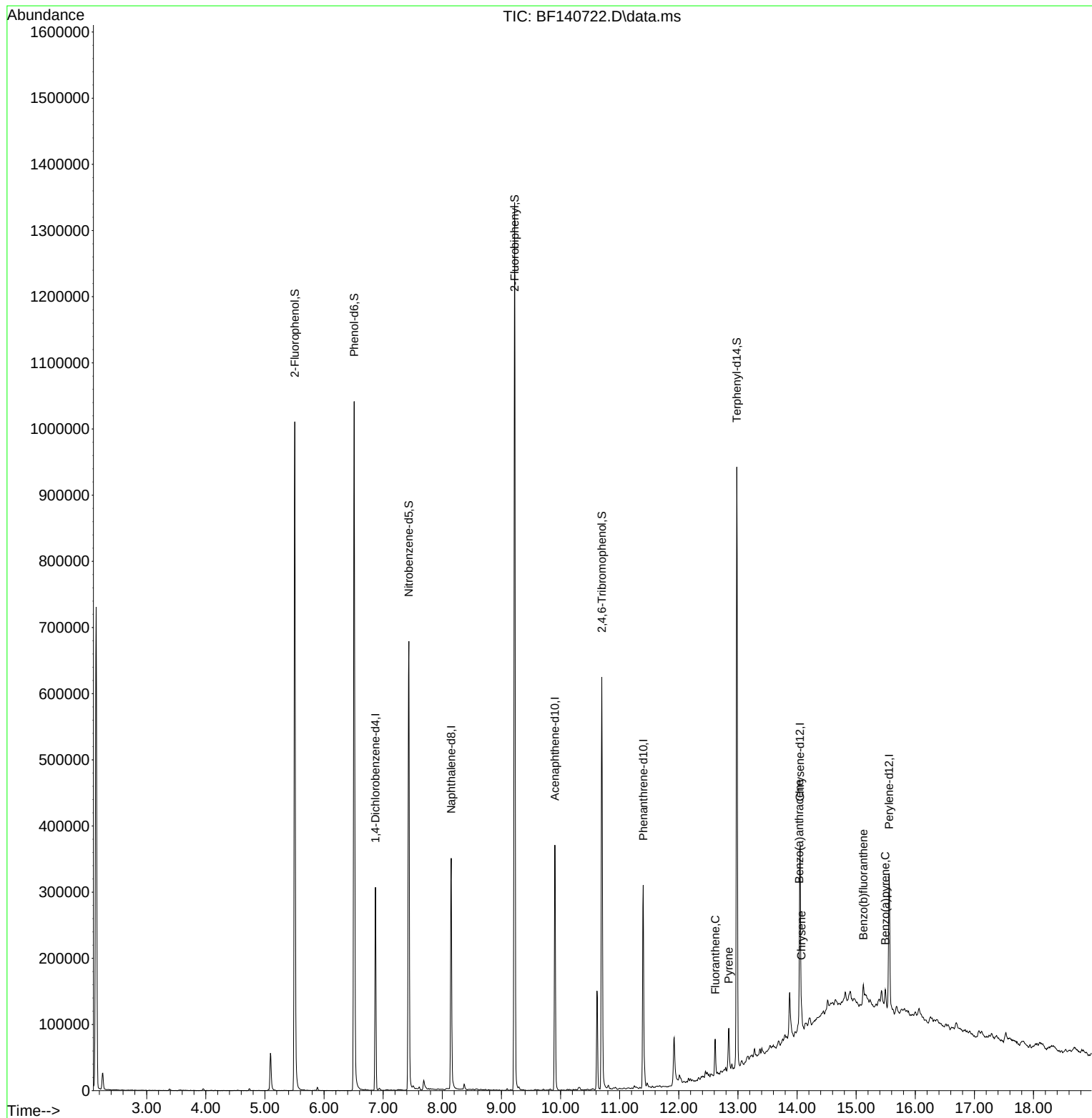
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
Data File : BF140722.D
Acq On : 03 Dec 2024 20:10
Operator : RC/JU
Sample : P5048-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

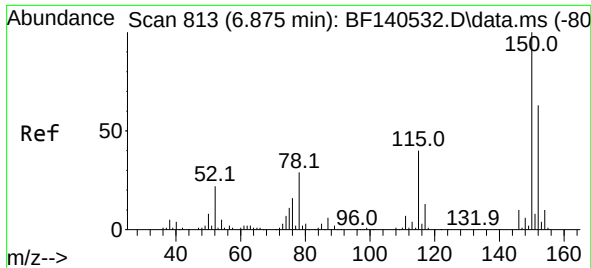
Instrument :
BNA_F
ClientSampleId :
MH-746-WC

Quant Time: Dec 03 22:16:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

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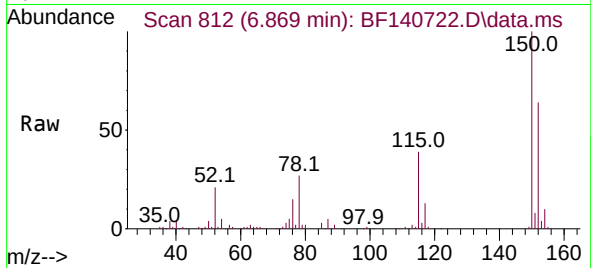
Reviewed By :Jagrut Upadhyay 12/04/2024
Supervised By :mohammad ahmed 12/05/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140722.D
Acq: 03 Dec 2024 20:10

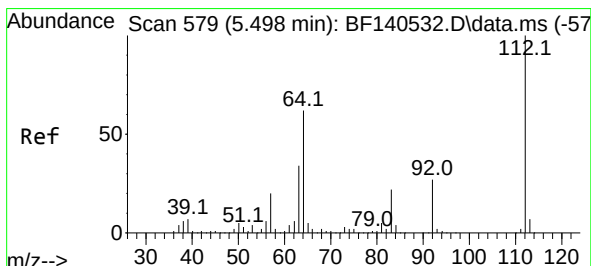
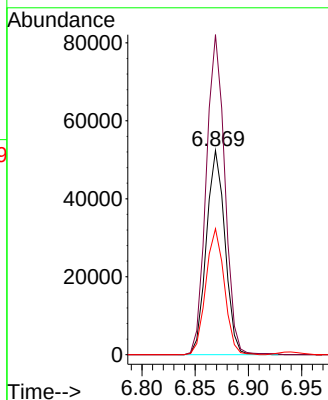
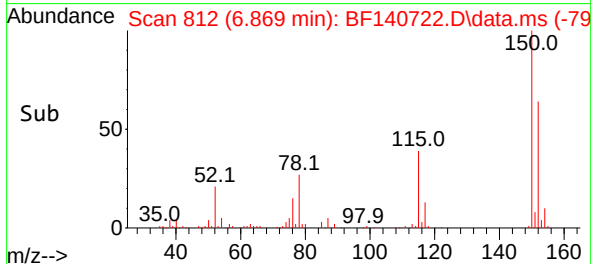
Instrument :
BNA_F
ClientSampleId :
MH-746-WC



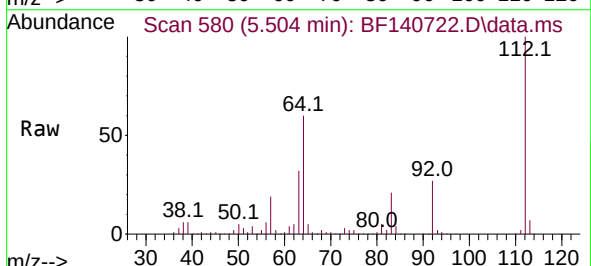
Tgt Ion:152 Resp: 6385
Ion Ratio Lower Upper
152 100
150 156.8 128.5 192.7
115 61.7 50.2 75.4

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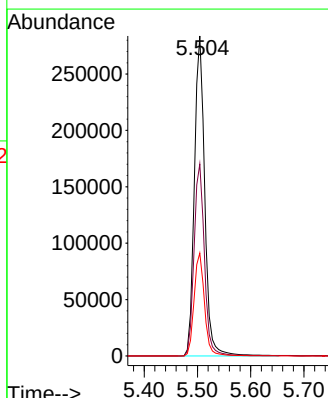
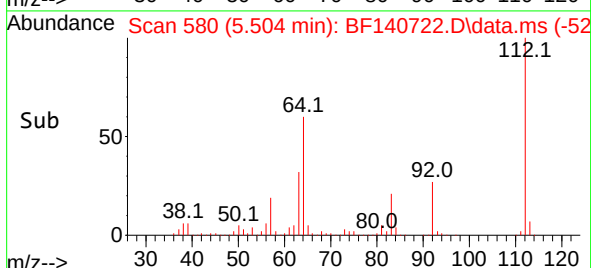
Reviewed By :Jagrut Upadhyay 12/04/2024
Supervised By :mohammad ahmed 12/05/2024

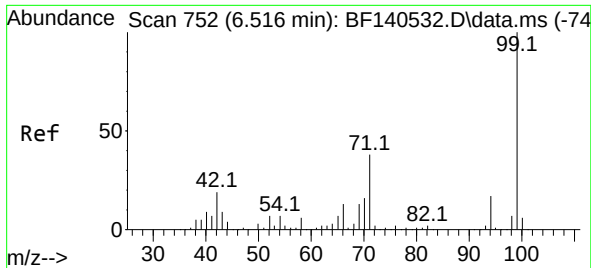


#5
2-Fluorophenol
Concen: 103.031 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140722.D
Acq: 03 Dec 2024 20:10



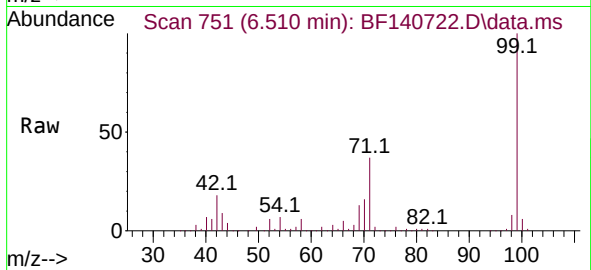
Tgt Ion:112 Resp: 385584
Ion Ratio Lower Upper
112 100
64 60.0 49.2 73.8
63 32.1 27.0 40.4





#7
Phenol-d6
Concen: 100.357 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140722.D
Acq: 03 Dec 2024 20:10

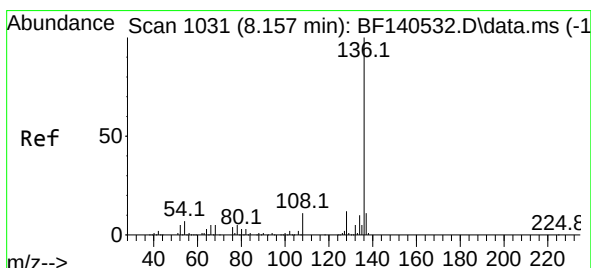
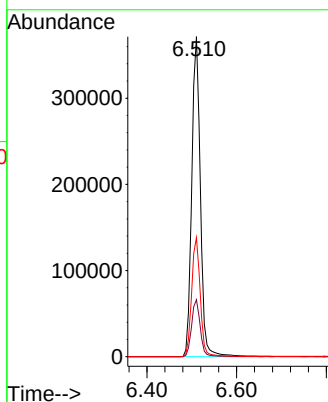
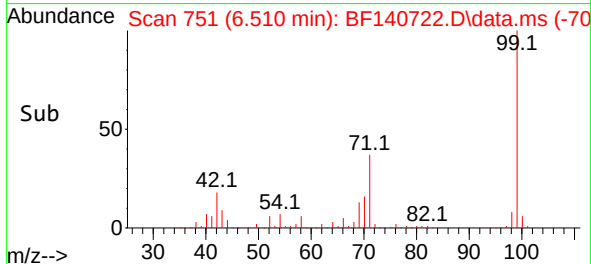
Instrument :
BNA_F
ClientSampleId :
MH-746-WC



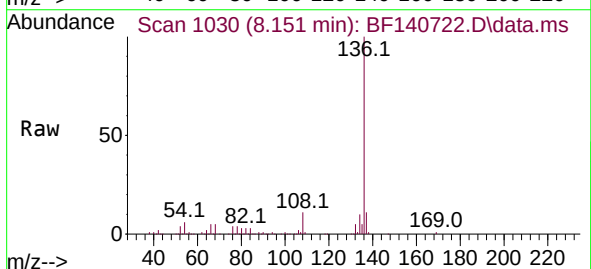
Tgt Ion: 99 Resp: 496520
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 37.2 30.6 46.0

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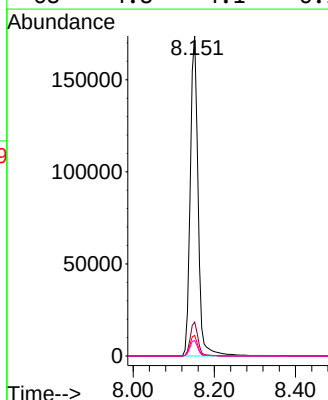
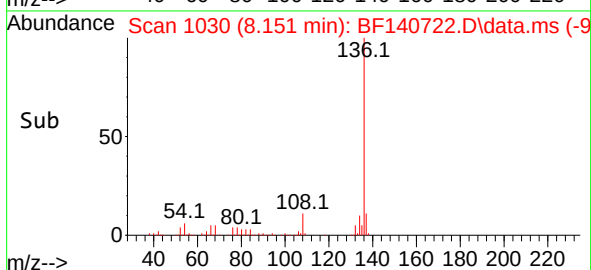
Reviewed By :Jagrut Upadhyay 12/04/2024
Supervised By :mohammad ahmed 12/05/2024

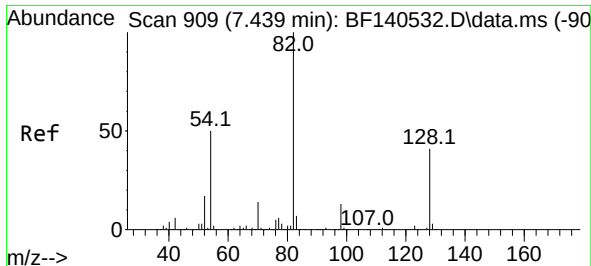


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140722.D
Acq: 03 Dec 2024 20:10



Tgt Ion:136 Resp: 232646
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 6.4 5.8 8.8
68 4.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 70.616 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140722.D

Acq: 03 Dec 2024 20:10

Instrument :

BNA_F

ClientSampleId :

MH-746-WC

Tgt Ion: 82 Resp: 32118

Ion Ratio Lower Upper

82 100

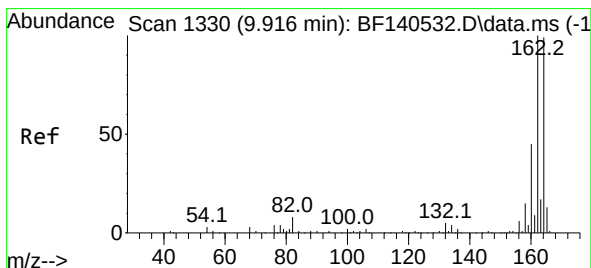
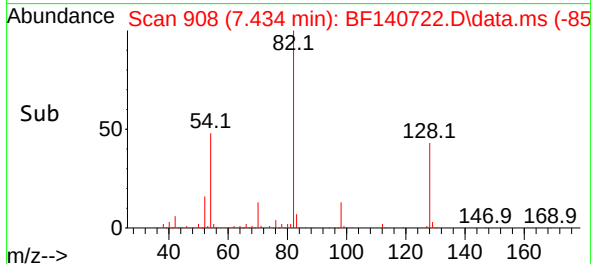
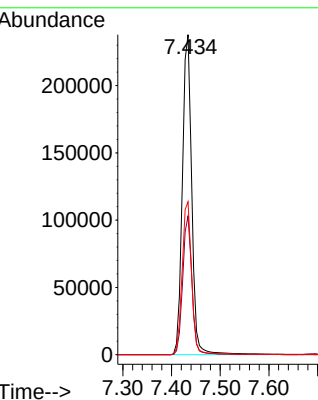
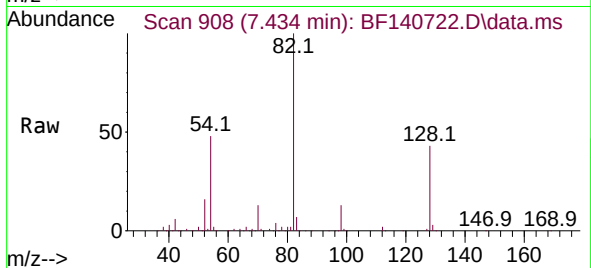
128 43.3 33.0 49.4

54 47.8 39.5 59.3

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF140722.D

Acq: 03 Dec 2024 20:10

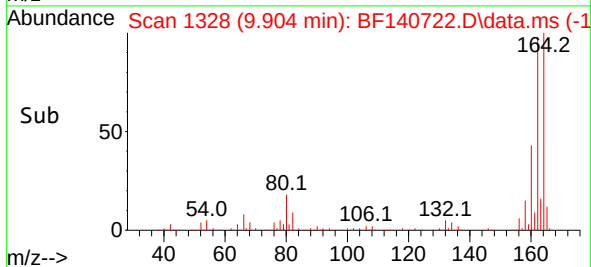
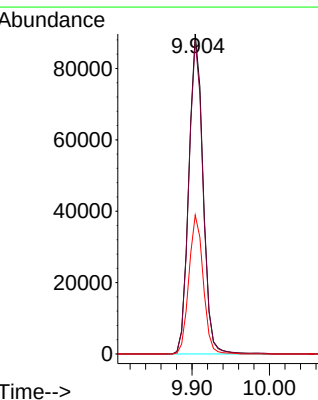
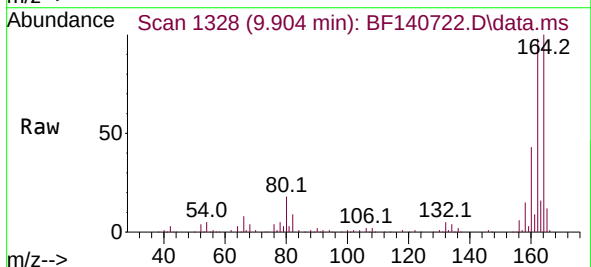
Tgt Ion:164 Resp: 114296

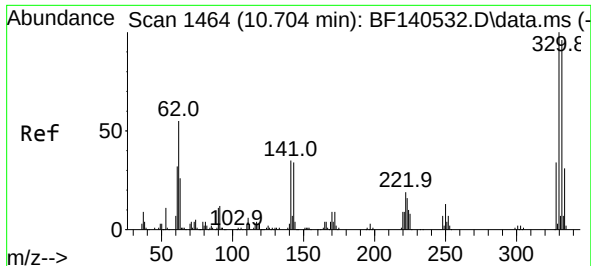
Ion Ratio Lower Upper

164 100

162 98.1 80.6 120.8

160 43.4 36.2 54.4





#42
2,4,6-Tribromophenol
Concen: 89.812 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140722.D
Acq: 03 Dec 2024 20:10

Instrument :

BNA_F

ClientSampleId :

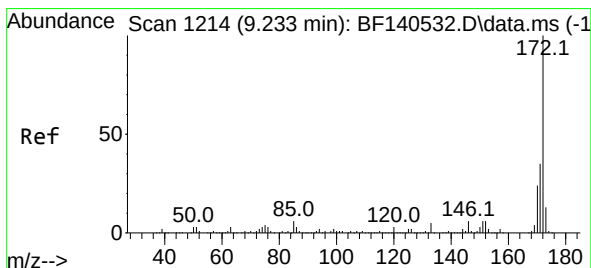
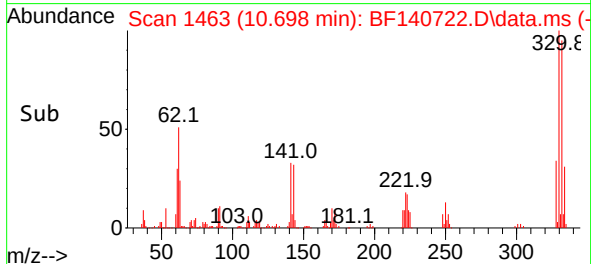
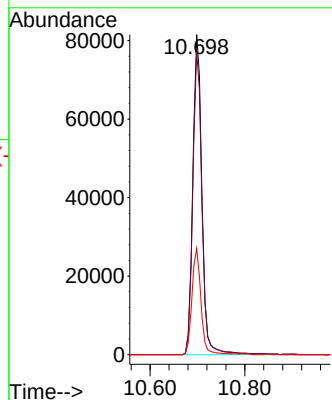
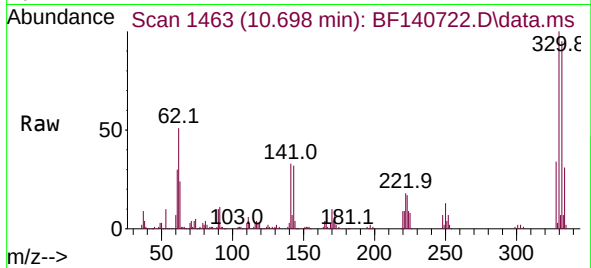
MH-746-WC

Tgt Ion:330 Resp: 109780
Ion Ratio Lower Upper
330 100
332 94.4 76.9 115.3
141 32.7 26.7 40.1

Manual Integrations

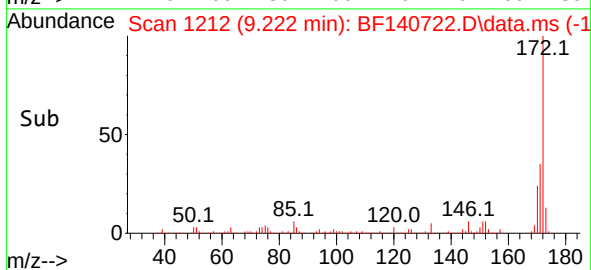
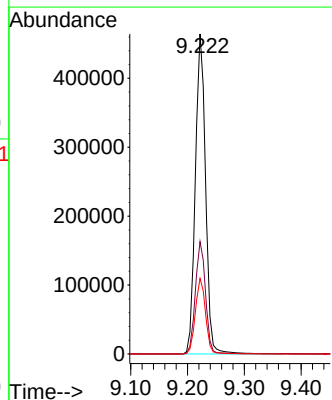
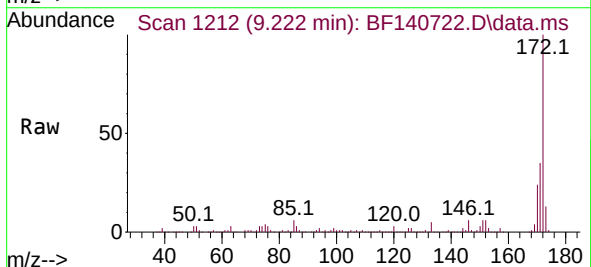
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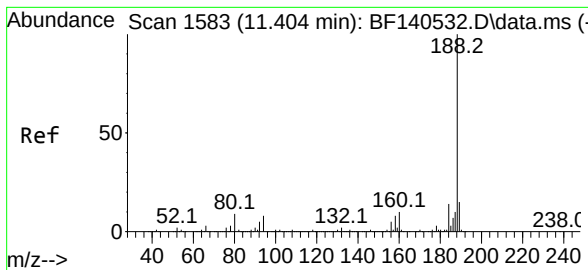
Reviewed By :Jagrut Upadhyay 12/04/2024
Supervised By :mohammad ahmed 12/05/2024



#45
2-Fluorobiphenyl
Concen: 76.281 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140722.D
Acq: 03 Dec 2024 20:10

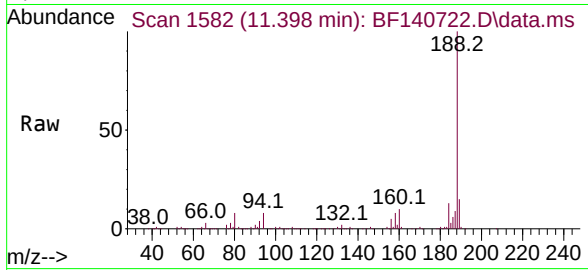
Tgt Ion:172 Resp: 585166
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.6 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140722.D
Acq: 03 Dec 2024 20:10

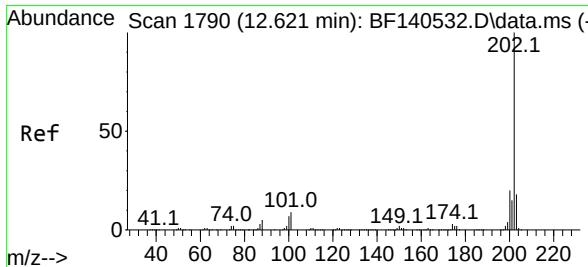
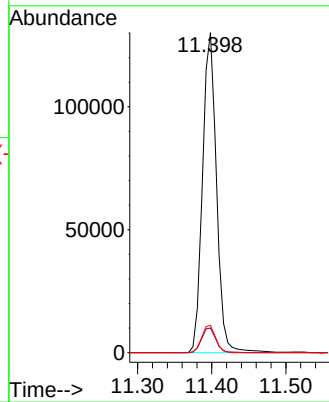
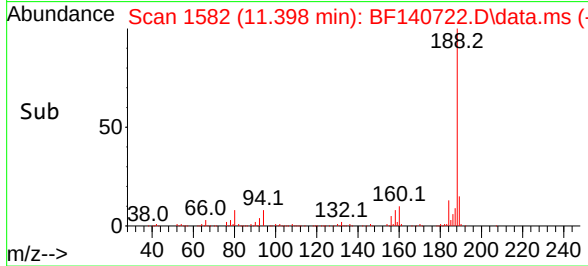
Instrument :
BNA_F
ClientSampleId :
MH-746-WC



Tgt Ion:188 Resp: 170680
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 8.5 6.9 10.3

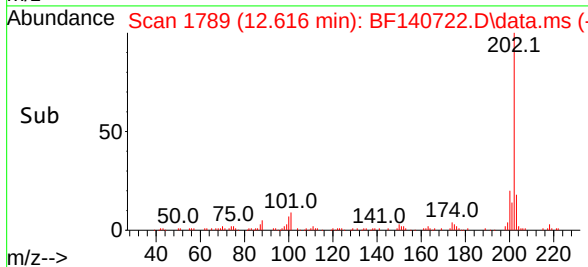
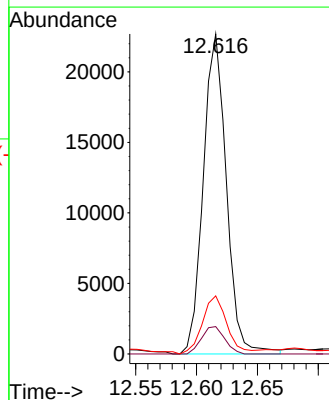
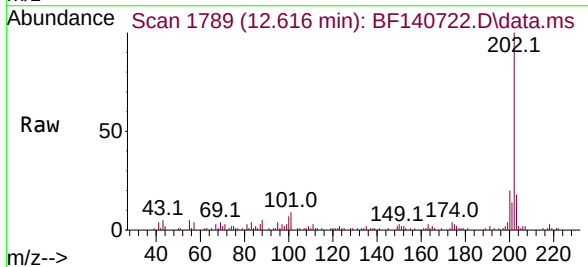
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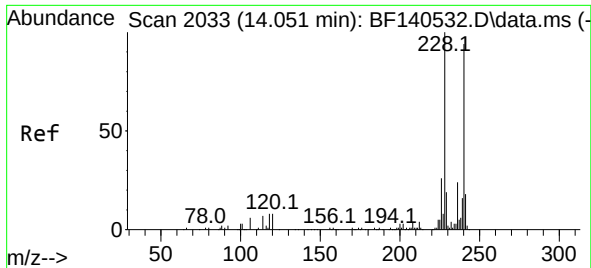
Reviewed By :Jagrut Upadhyay 12/04/2024
Supervised By :mohammad ahmed 12/05/2024



#75
Fluoranthene
Concen: 3.364 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140722.D
Acq: 03 Dec 2024 20:10

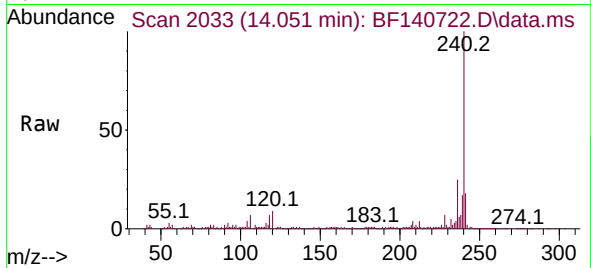
Tgt Ion:202 Resp: 29971
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.9
203 18.1 0.0 37.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140722.D
Acq: 03 Dec 2024 20:10

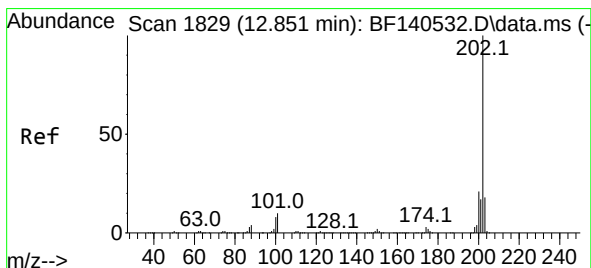
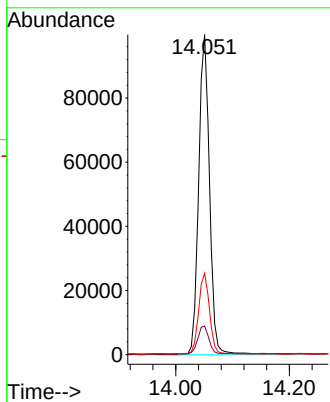
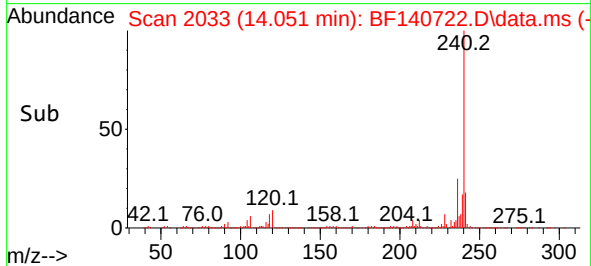
Instrument :
BNA_F
ClientSampleId :
MH-746-WC



Tgt Ion:240 Resp: 132558
Ion Ratio Lower Upper
240 100
120 8.9 7.3 10.9
236 25.5 20.6 31.0

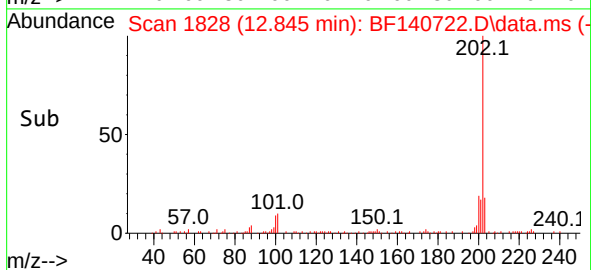
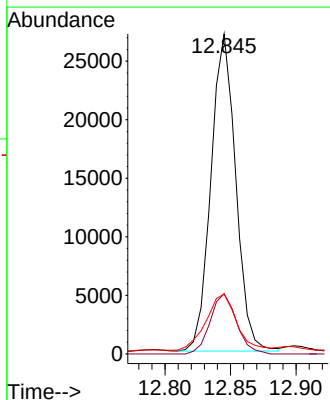
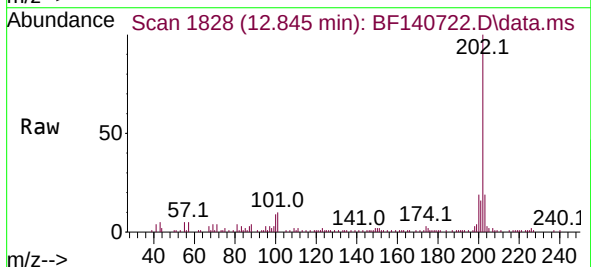
Manual Integrations
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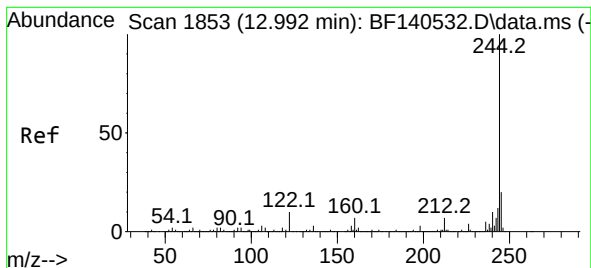
Reviewed By :Jagrut Upadhyay 12/04/2024
Supervised By :mohammad ahmed 12/05/2024



#78
Pyrene
Concen: 2.905 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140722.D
Acq: 03 Dec 2024 20:10

Tgt Ion:202 Resp: 35602
Ion Ratio Lower Upper
202 100
200 18.9 16.5 24.7
203 18.7 14.2 21.4





#79

Terphenyl-d14

Concen: 51.468 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140722.D

Acq: 03 Dec 2024 20:10

Instrument :

BNA_F

ClientSampleId :

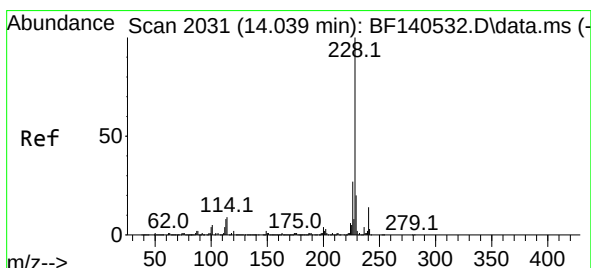
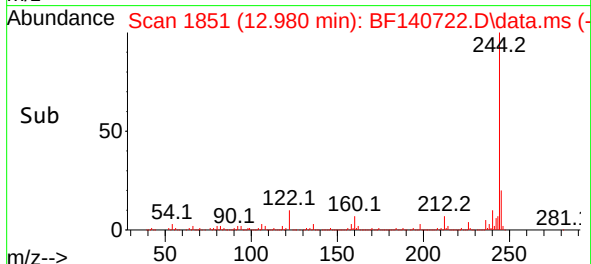
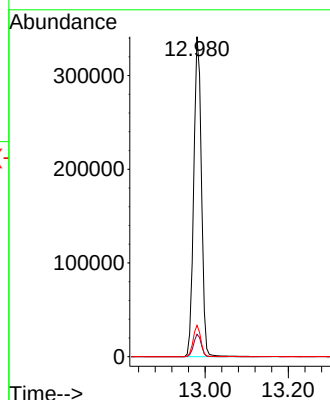
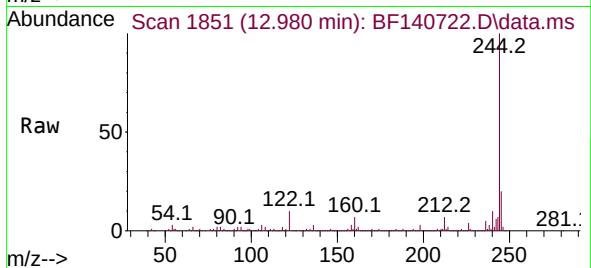
MH-746-WC

Tgt Ion:244 Resp: 438144
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 9.8 8.0 12.0

Manual Integrations

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#81

Benzo(a)anthracene

Concen: 2.069 ng

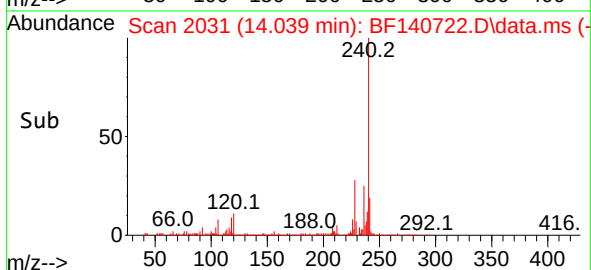
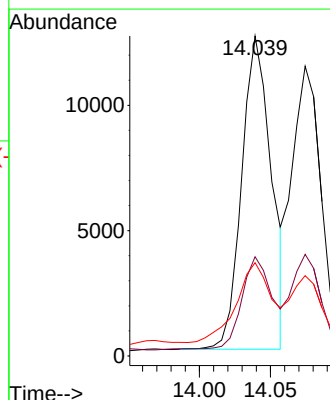
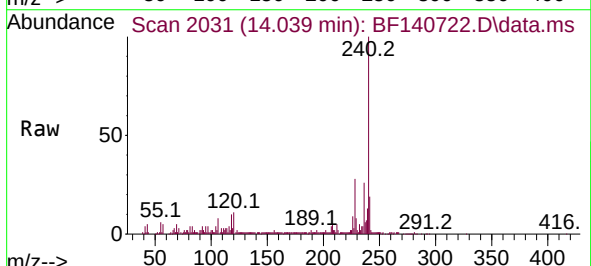
RT: 14.039 min Scan# 2031

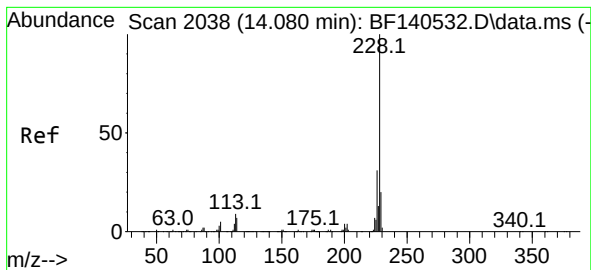
Delta R.T. 0.000 min

Lab File: BF140722.D

Acq: 03 Dec 2024 20:10

Tgt Ion:228 Resp: 18154
 Ion Ratio Lower Upper
 228 100
 226 31.0 21.8 32.8
 229 29.1 15.8 23.6#





#83

Chrysene

Concen: 2.020 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140722.D

Acq: 03 Dec 2024 20:10

Instrument :

BNA_F

ClientSampleId :

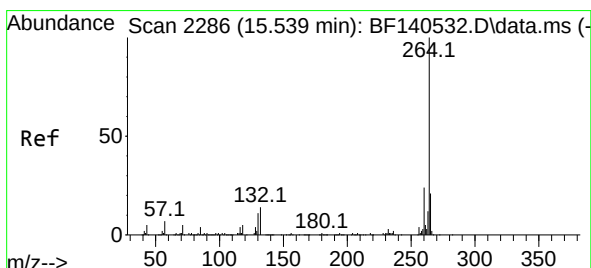
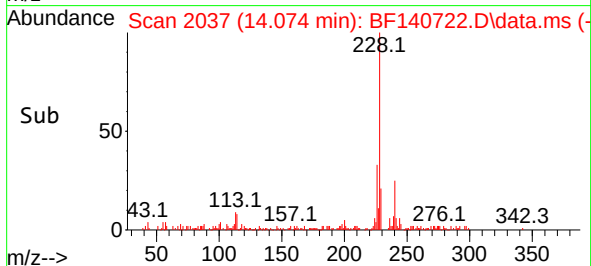
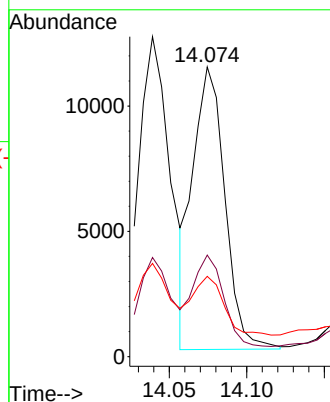
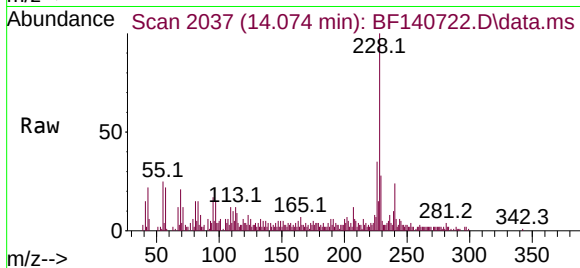
MH-746-WC

Tgt Ion:228	Resp: 1621
Ion Ratio	Lower Upper
228 100	
226 35.1	24.4 36.6
229 27.7	15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/04/2024
Supervised By :mohammad ahmed 12/05/2024



#86

Perylene-d12

Concen: 20.000 ng

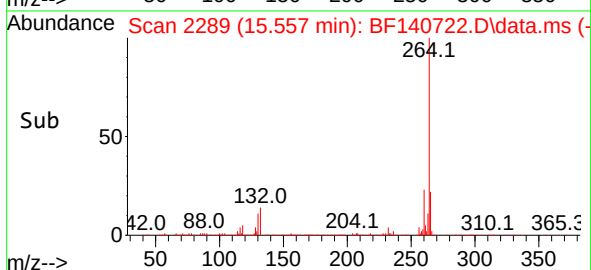
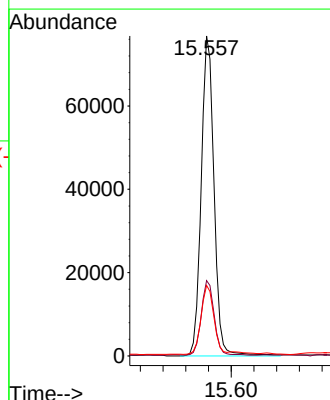
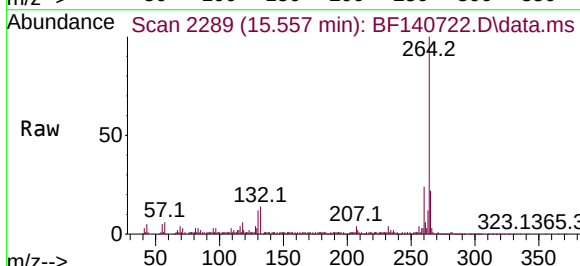
RT: 15.557 min Scan# 2289

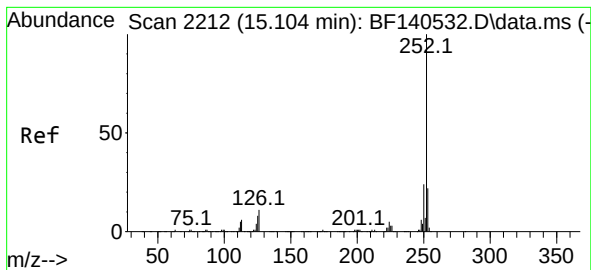
Delta R.T. 0.018 min

Lab File: BF140722.D

Acq: 03 Dec 2024 20:10

Tgt Ion:264	Resp: 120586
Ion Ratio	Lower Upper
264 100	
260 23.5	19.0 28.6
265 22.0	16.6 25.0





#88

Benzo(b)fluoranthene

Concen: 2.307 ng m

RT: 15.121 min Scan# 2215

Delta R.T. 0.018 min

Lab File: BF140722.D

Acq: 03 Dec 2024 20:10

Instrument :

BNA_F

ClientSampleId :

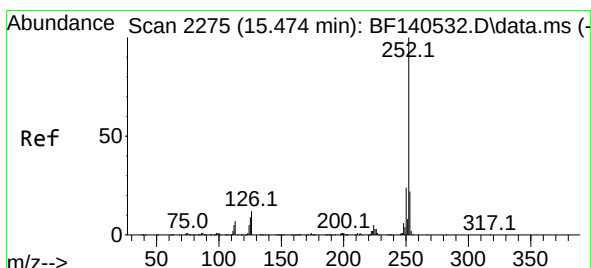
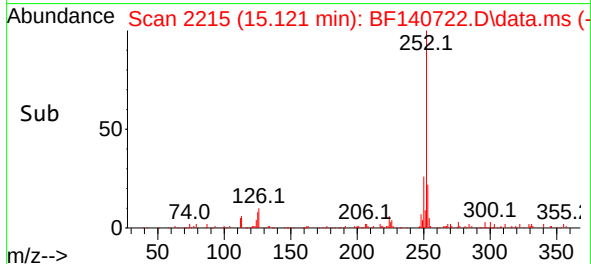
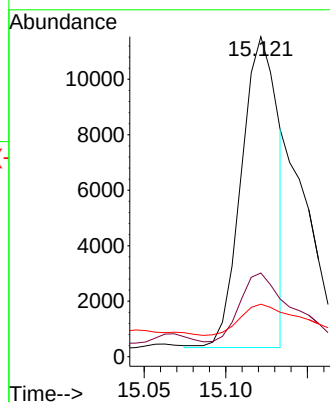
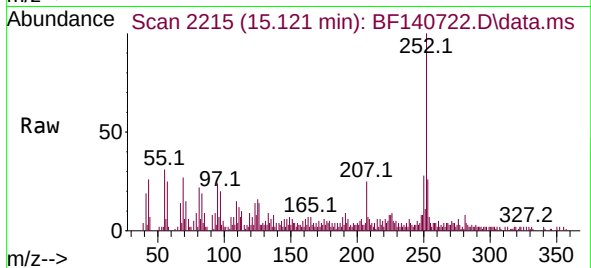
MH-746-WC

Tgt Ion:252 Resp: 17474
 Ion Ratio Lower Upper
 252 100
 253 26.2 17.2 25.8
 125 16.4 6.7 10.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/04/2024
 Supervised By :mohammad ahmed 12/05/2024



#90

Benzo(a)pyrene

Concen: 2.571 ng

RT: 15.492 min Scan# 2278

Delta R.T. 0.018 min

Lab File: BF140722.D

Acq: 03 Dec 2024 20:10

Tgt Ion:252 Resp: 15833
 Ion Ratio Lower Upper
 252 100
 253 25.6 17.3 25.9
 125 19.4 7.0 10.6

