

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070524\
 Data File : BF138474.D
 Acq On : 05 Jul 2024 18:05
 Operator : CG\JU
 Sample : P3159-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-070324

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 05 18:31:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	44922	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	175602	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	87043	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	133104	20.000	ng	0.00
76) Chrysene-d12	14.027	240	81411	20.000	ng	0.00
86) Perylene-d12	15.498	264	61996	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	319233	117.820	ng	-0.01
7) Phenol-d6	6.504	99	423506	116.031	ng	-0.01
23) Nitrobenzene-d5	7.434	82	257334	76.126	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	75566	106.259	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	453952	82.999	ng	0.00
79) Terphenyl-d14	12.975	244	401777	67.632	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.604	202	18763	3.220	ng	99
78) Pyrene	12.833	202	20612	2.369	ng	96
88) Benzo(b)fluoranthene	15.069	252	9432m	2.773	ng	
92) Benzo(g,h,i)perylene	17.415	276	6707m	2.727	ng	

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

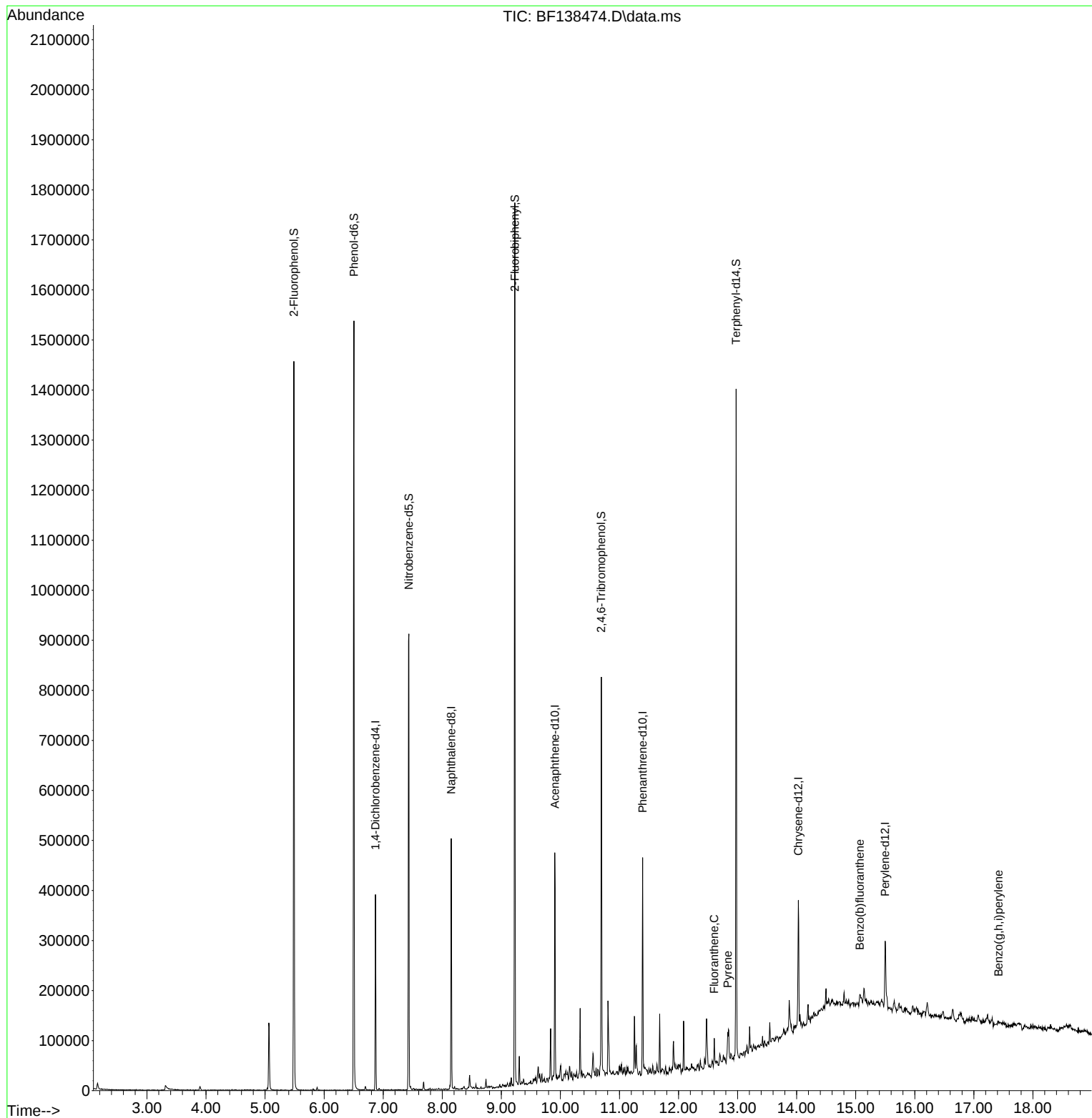
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070524\
Data File : BF138474.D
Acq On : 05 Jul 2024 18:05
Operator : CG\JU
Sample : P3159-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

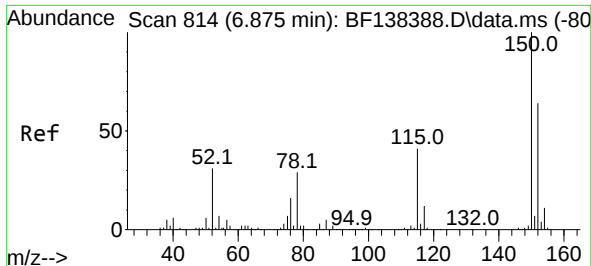
Instrument :
BNA_F
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Quant Time: Jul 05 18:31:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF138474.D
 Acq: 05 Jul 2024 18:05

Instrument :

BNA_F

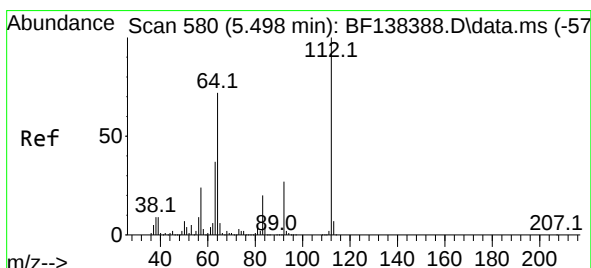
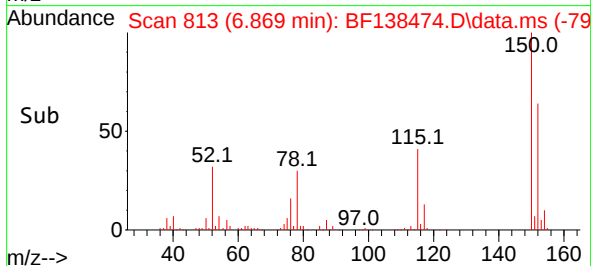
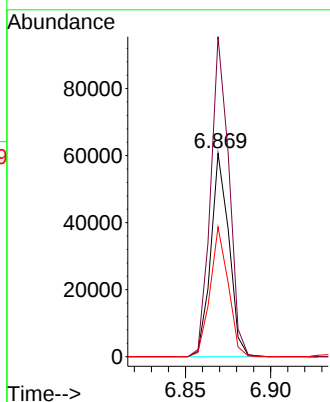
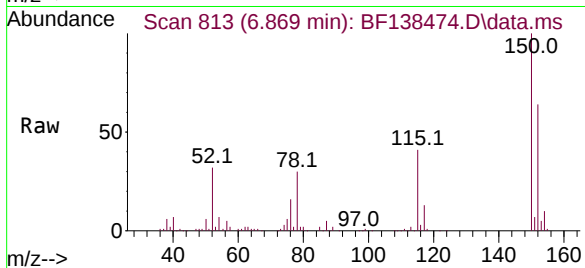
ClientSampleId :

SU-04-070324

Tgt Ion:152 Resp: 4492
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.9 187.3
 115 63.8 50.8 76.2

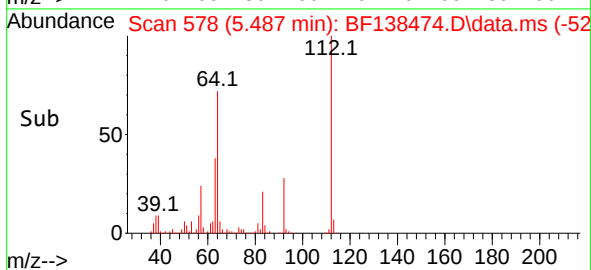
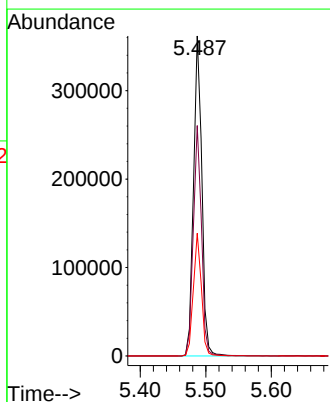
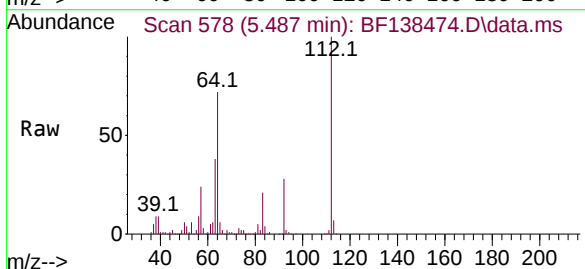
Manual Integrations
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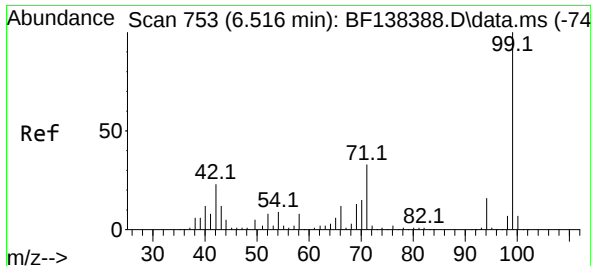
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



#5
 2-Fluorophenol
 Concen: 117.820 ng
 RT: 5.487 min Scan# 578
 Delta R.T. -0.012 min
 Lab File: BF138474.D
 Acq: 05 Jul 2024 18:05

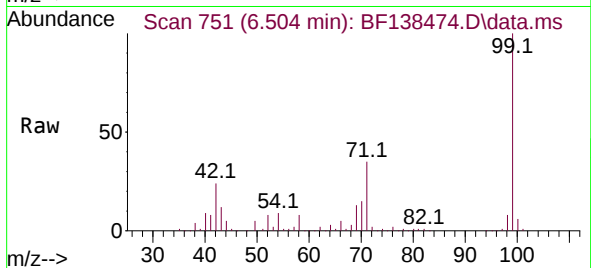
Tgt Ion:112 Resp: 319233
 Ion Ratio Lower Upper
 112 100
 64 72.0 57.2 85.8
 63 38.4 29.4 44.0





#7
Phenol-d6
Concen: 116.031 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138474.D
Acq: 05 Jul 2024 18:05

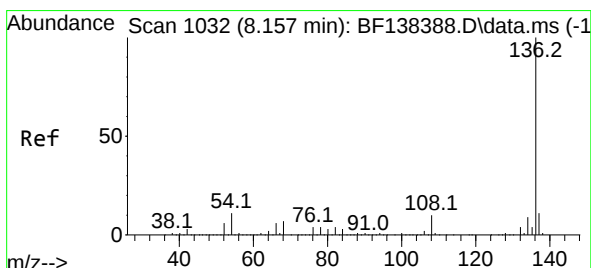
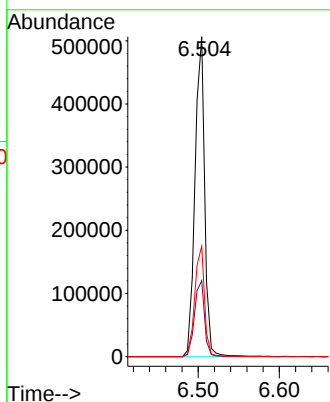
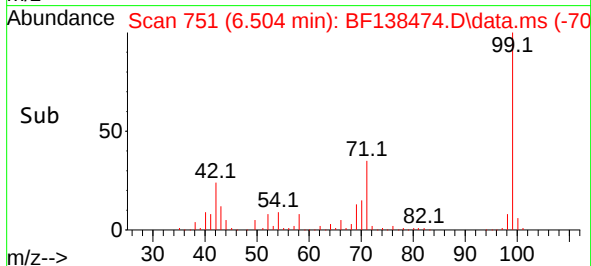
Instrument :
BNA_F
ClientSampleId :
SU-04-070324



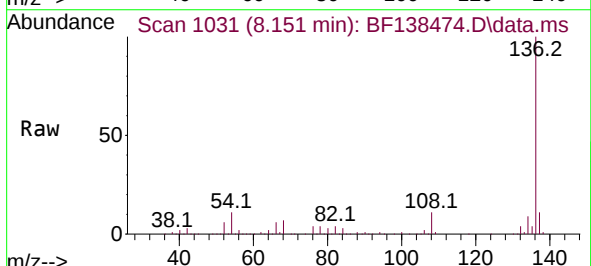
Tgt Ion: 99 Resp: 423500
Ion Ratio Lower Upper
99 100
42 23.8 18.5 27.7
71 34.6 26.1 39.1

Manual Integrations
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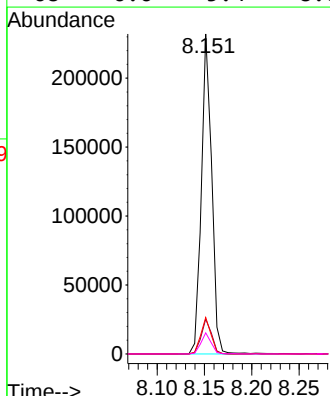
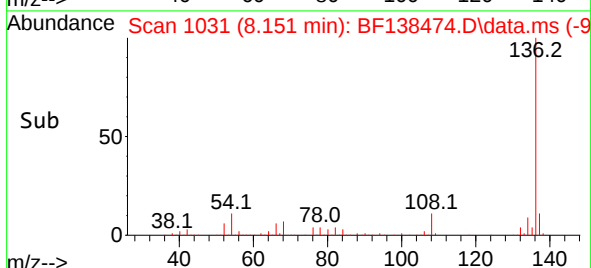
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

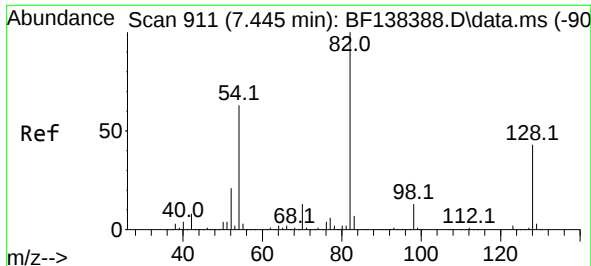


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138474.D
Acq: 05 Jul 2024 18:05



Tgt Ion:136 Resp: 175602
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 11.4 9.0 13.4
68 6.6 5.4 8.0





#23

Nitrobenzene-d5

Concen: 76.126 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138474.D

Acq: 05 Jul 2024 18:05

Instrument :

BNA_F

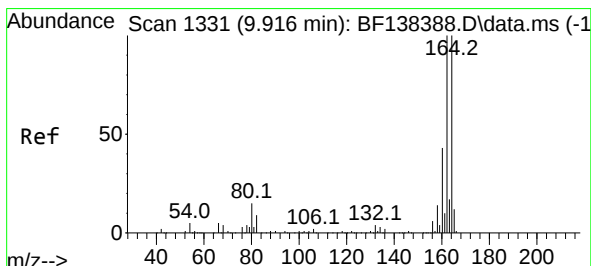
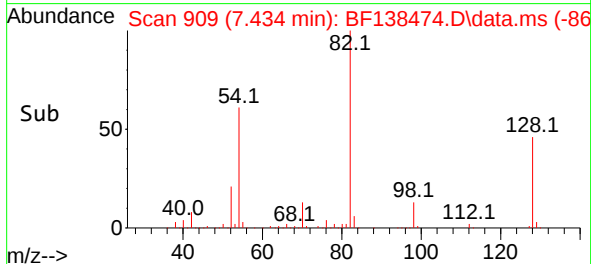
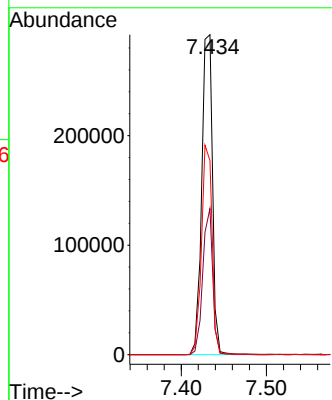
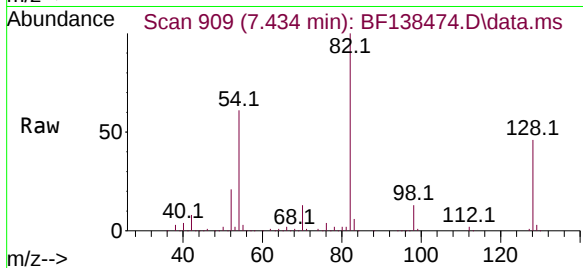
ClientSampleId :

SU-04-070324

Tgt Ion: 82 Resp: 257334
 Ion Ratio Lower Upper
 82 100
 128 45.7 34.6 52.0
 54 60.6 50.5 75.7

Manual Integrations
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Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

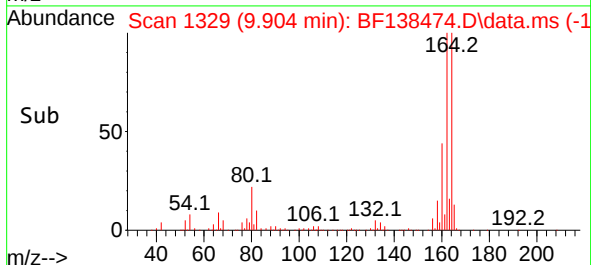
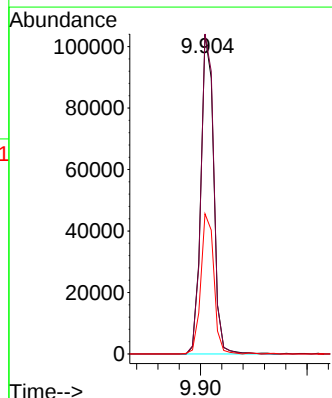
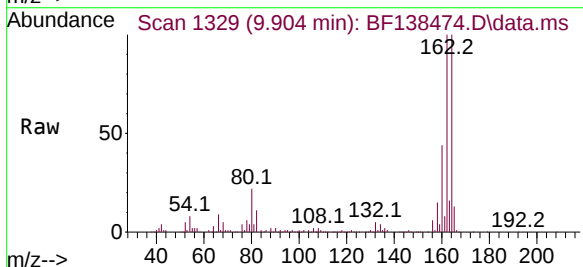
RT: 9.904 min Scan# 1329

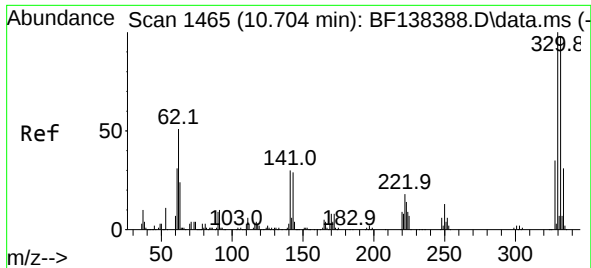
Delta R.T. -0.012 min

Lab File: BF138474.D

Acq: 05 Jul 2024 18:05

Tgt Ion:164 Resp: 87043
 Ion Ratio Lower Upper
 164 100
 162 100.3 80.1 120.1
 160 43.9 34.1 51.1





#42
2,4,6-Tribromophenol
Concen: 106.259 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF138474.D
Acq: 05 Jul 2024 18:05

Instrument :

BNA_F

ClientSampleId :

SU-04-070324

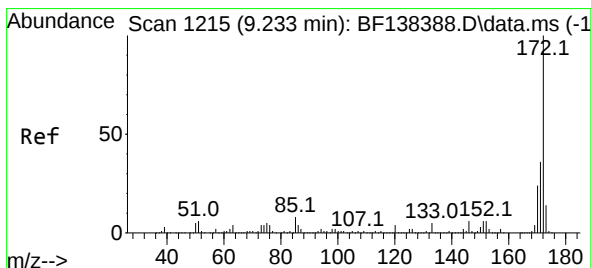
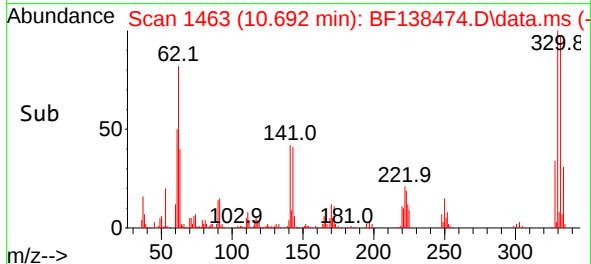
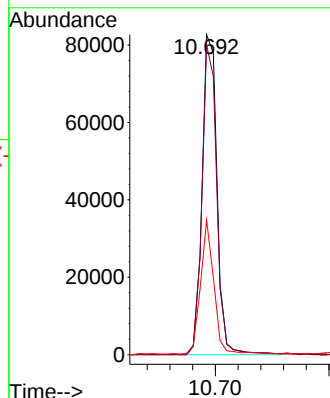
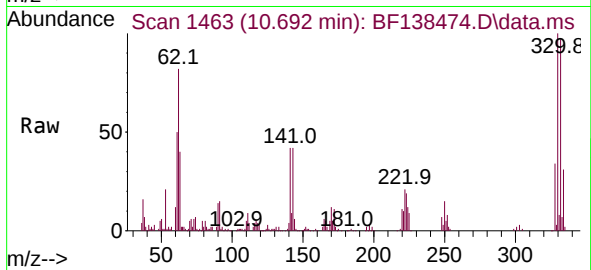
Tgt Ion:330 Resp: 75560
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 37.5 28.1 42.1

Manual Integrations

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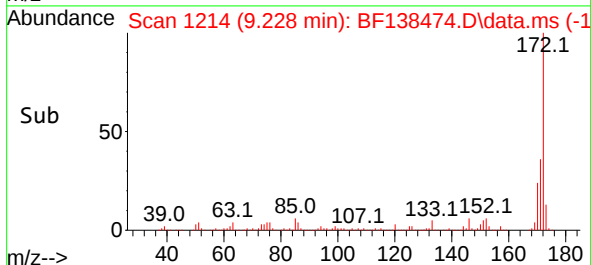
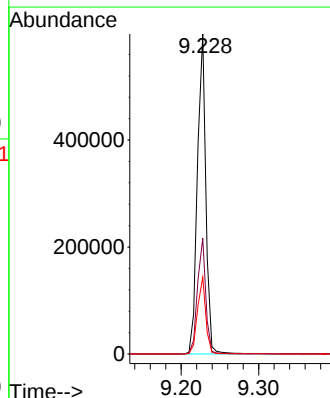
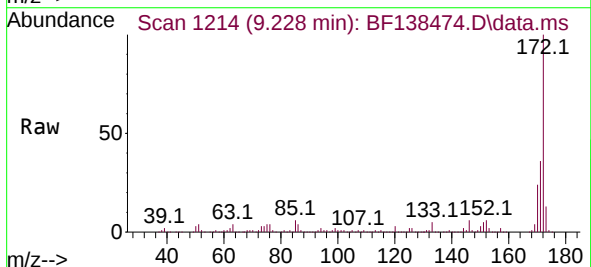
Reviewed By :Yogesh Patel 07/08/2024

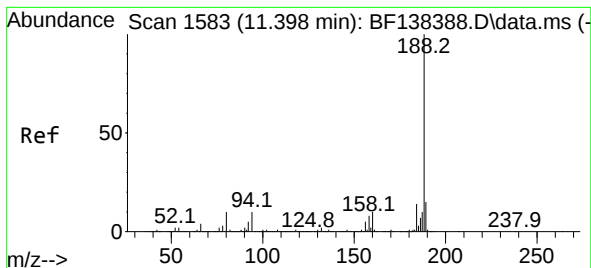
Supervised By :mohammad ahmed 07/08/2024



#45
2-Fluorobiphenyl
Concen: 82.999 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF138474.D
Acq: 05 Jul 2024 18:05

Tgt Ion:172 Resp: 453952
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.0 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 113310
Delta R.T. -0.006 min
Lab File: BF138474.D
Acq: 05 Jul 2024 18:05

Instrument :

BNA_F

ClientSampleId :

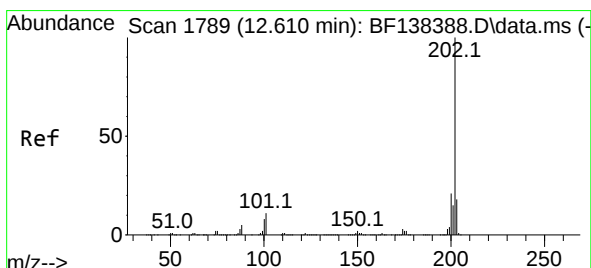
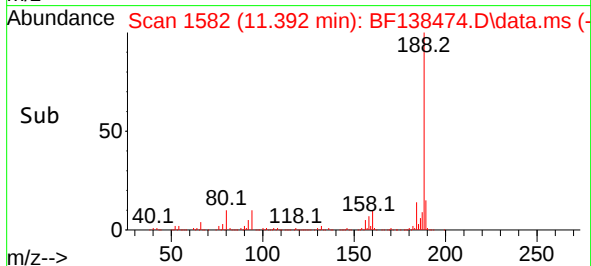
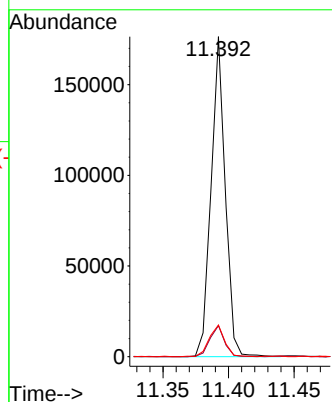
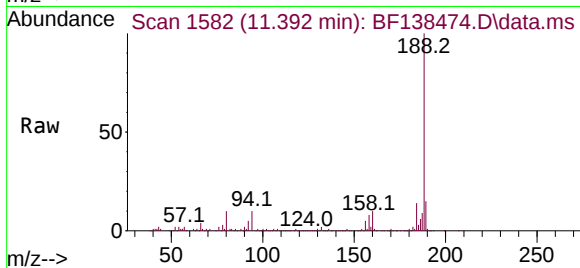
SU-04-070324

Tgt Ion:188 Resp: 133104
Ion Ratio Lower Upper
188 100
94 9.7 8.0 12.0
80 9.9 8.2 12.4

Manual Integrations

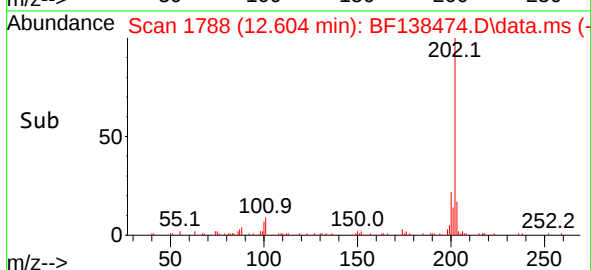
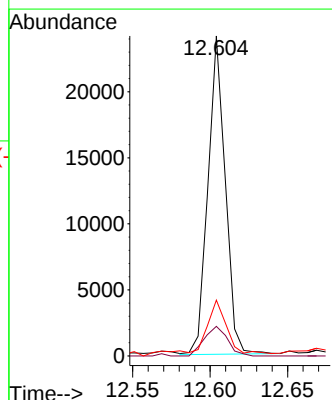
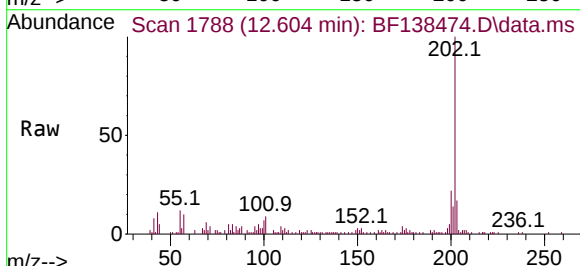
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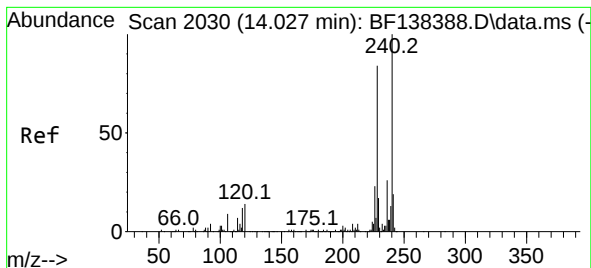
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#75
Fluoranthene
Concen: 3.220 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF138474.D
Acq: 05 Jul 2024 18:05

Tgt Ion:202 Resp: 18763
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.5
203 17.5 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF138474.D

Acq: 05 Jul 2024 18:05

Instrument :

BNA_F

ClientSampleId :

SU-04-070324

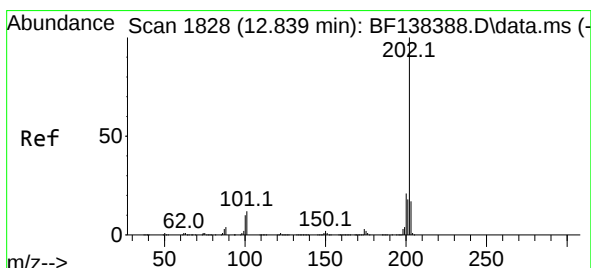
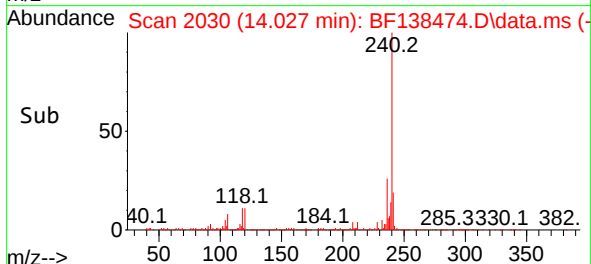
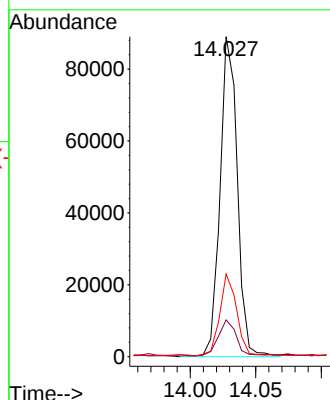
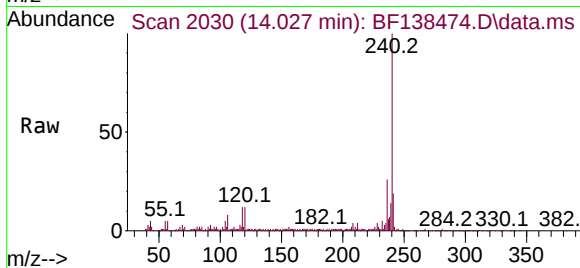
Tgt Ion:	240	Resp:	8141
Ion Ratio	Lower	Upper	
240	100		
120	11.5	10.9	16.3
236	25.8	20.6	30.8

Manual Integrations

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Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#78

Pyrene

Concen: 2.369 ng

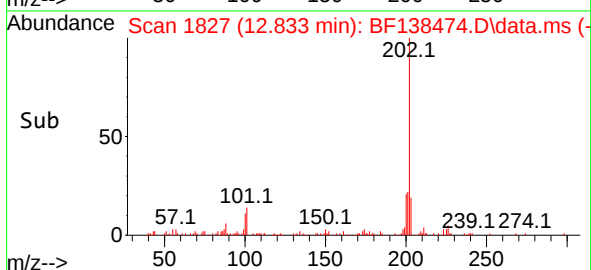
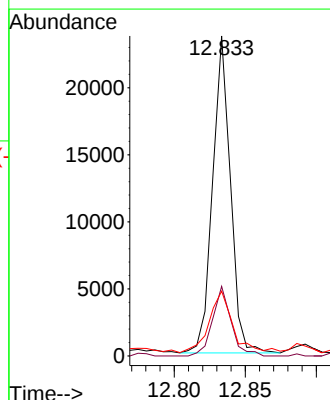
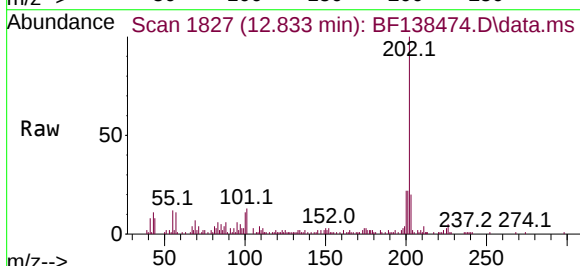
RT: 12.833 min Scan# 1827

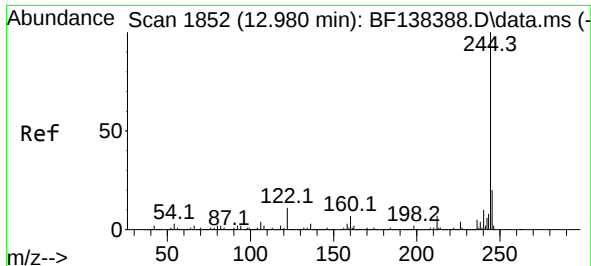
Delta R.T. -0.006 min

Lab File: BF138474.D

Acq: 05 Jul 2024 18:05

Tgt Ion:	202	Resp:	20612
Ion Ratio	Lower	Upper	
202	100		
200	21.7	16.9	25.3
203	20.3	13.8	20.8





#79
Terphenyl-d14
Concen: 67.632 ng
RT: 12.975 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF138474.D
Acq: 05 Jul 2024 18:05

Instrument :

BNA_F

ClientSampleId :

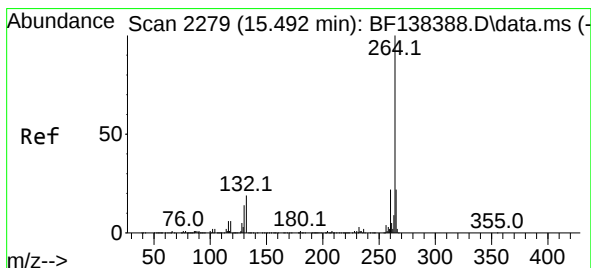
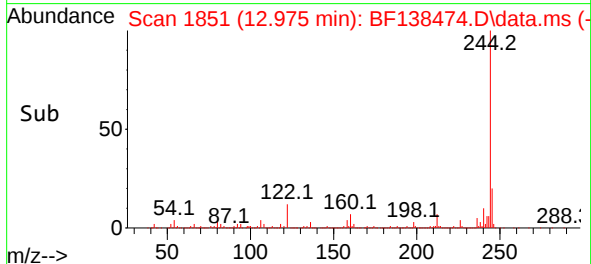
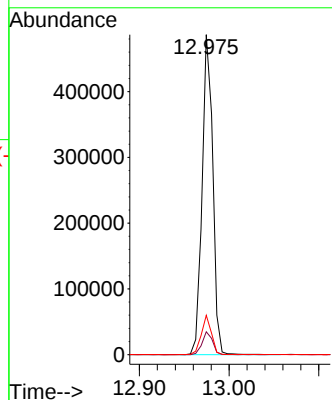
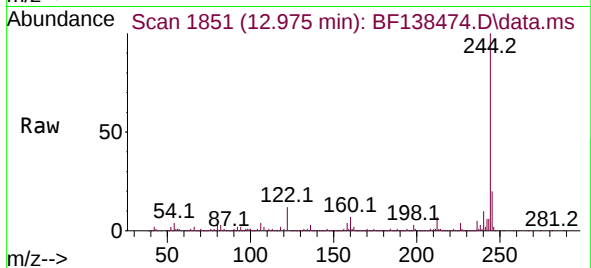
SU-04-070324

Tgt Ion:244 Resp: 40177
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 12.3 9.0 13.4

Manual Integrations

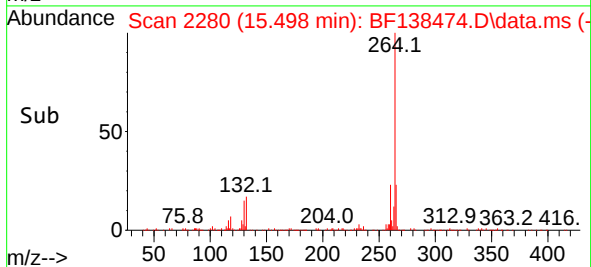
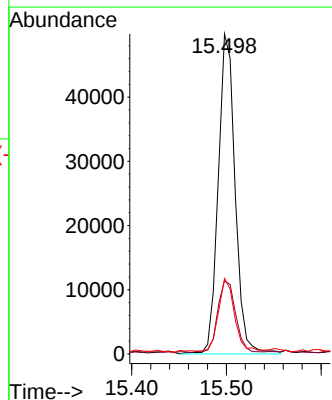
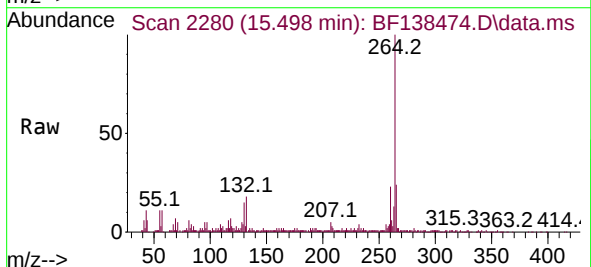
APPROVED

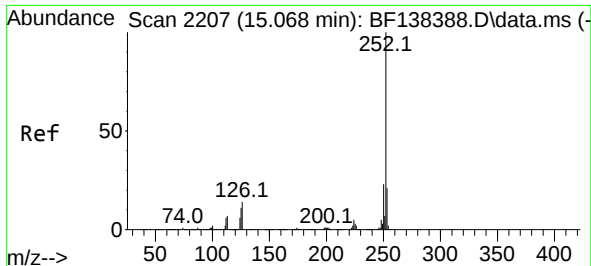
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF138474.D
Acq: 05 Jul 2024 18:05

Tgt Ion:264 Resp: 61996
Ion Ratio Lower Upper
264 100
260 22.9 17.8 26.6
265 23.6 17.5 26.3





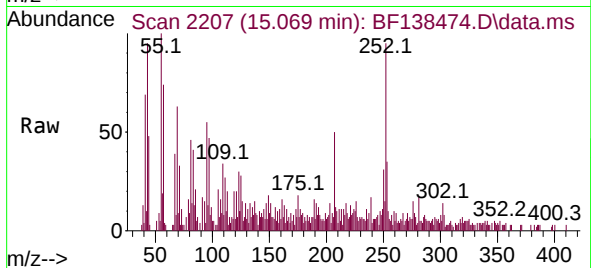
#88
Benzo(b)fluoranthene
Concen: 2.773 ng m
RT: 15.069 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138474.D
Acq: 05 Jul 2024 18:05

Instrument :

BNA_F

ClientSampleId :

SU-04-070324



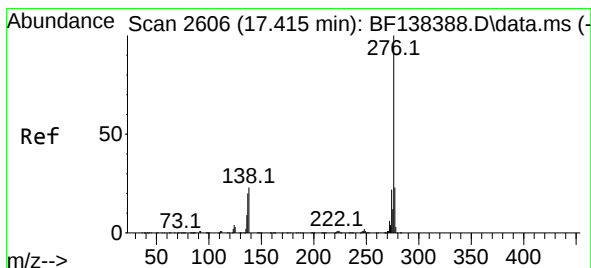
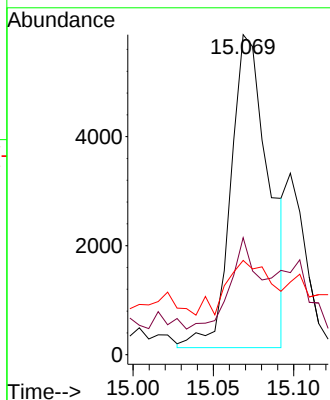
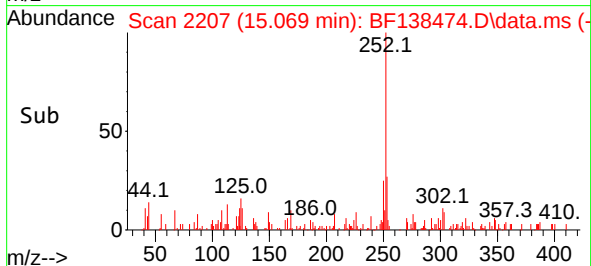
Tgt Ion:252 Resp: 943
Ion Ratio Lower Upper
252 100
253 36.6 17.0 25.4
125 29.4 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#92
Benzo(g,h,i)perylene
Concen: 2.727 ng m
RT: 17.415 min Scan# 2606
Delta R.T. 0.000 min
Lab File: BF138474.D
Acq: 05 Jul 2024 18:05

Tgt Ion:276 Resp: 6707
Ion Ratio Lower Upper
276 100
277 21.3 18.3 27.5
138 38.8 18.3 27.5

