

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
 Data File : BF138254.D
 Acq On : 19 Jun 2024 19:28
 Operator : CG\JU
 Sample : P2955-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 20 01:11:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	307721	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1098631	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	469737	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	682276	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	487344	20.000	ng	0.00
86) Perylene-d12	15.521	264	427697	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1180949	64.199	ng	0.00
7) Phenol-d6	6.510	99	1405062	60.236	ng	-0.01
23) Nitrobenzene-d5	7.445	82	868318	46.012	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	263833	56.419	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1457534	49.340	ng	-0.01
79) Terphenyl-d14	12.992	244	1244263	40.438	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.427	178	67842	2.011	ng	96
75) Fluoranthene	12.616	202	84044	2.443	ng	95
78) Pyrene	12.845	202	95184	2.264	ng	95
83) Chrysene	14.068	228	74118m	2.487	ng	
88) Benzo(b)fluoranthene	15.086	252	77875m	3.088	ng	
90) Benzo(a)pyrene	15.457	252	46312	2.137	ng	# 59

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

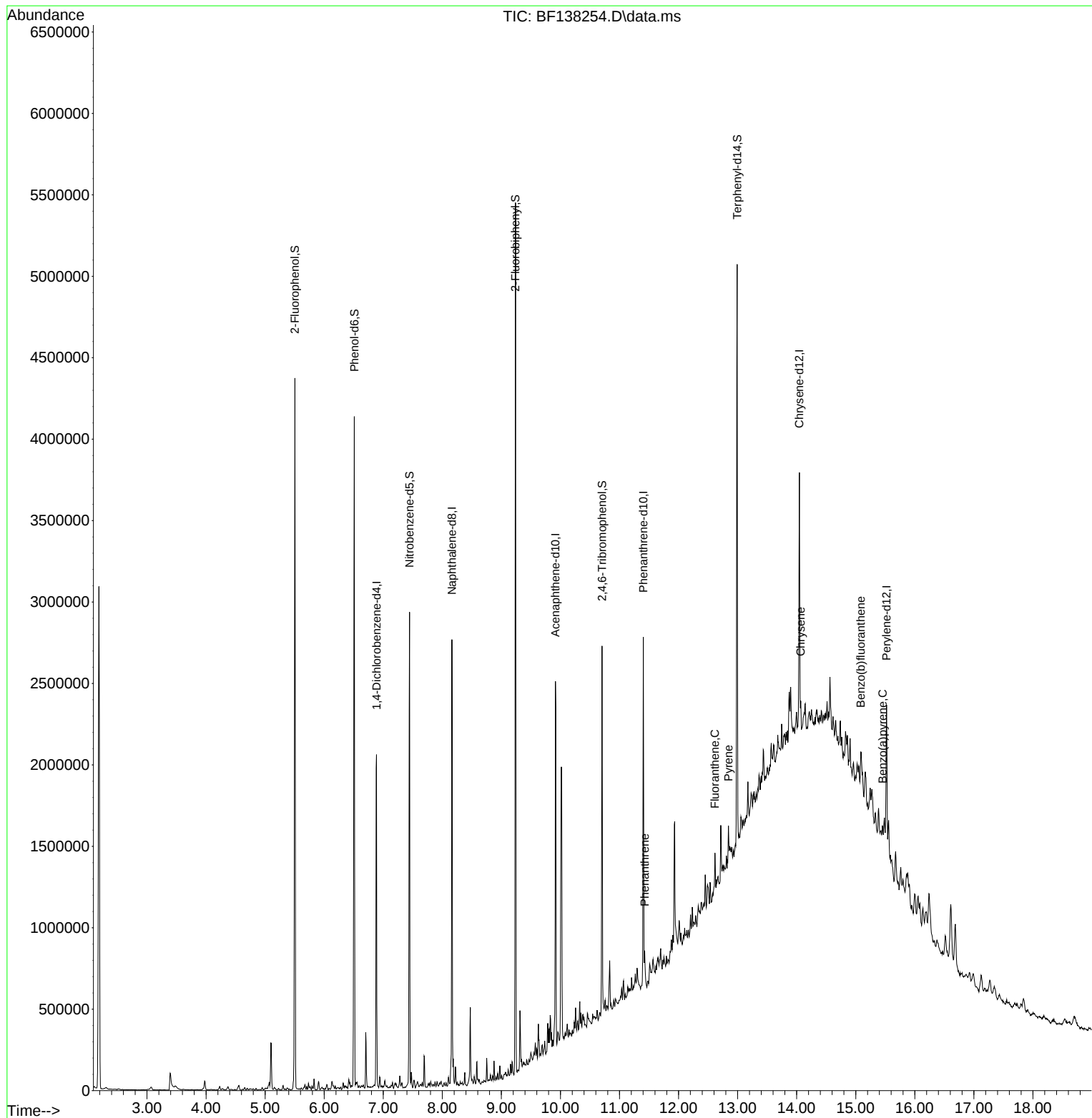
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138254.D
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Quant Time: Jun 20 01:11:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
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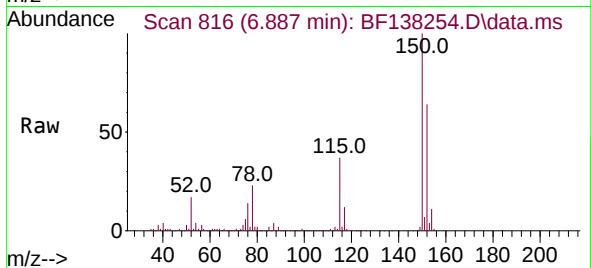
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF138254.D
Acq: 19 Jun 2024 19:28

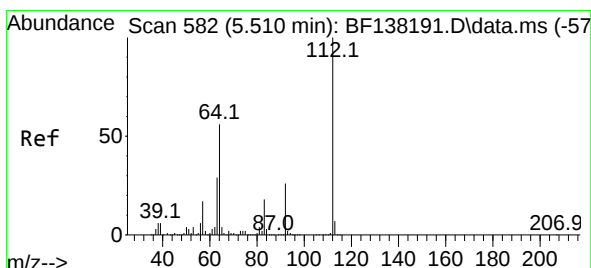
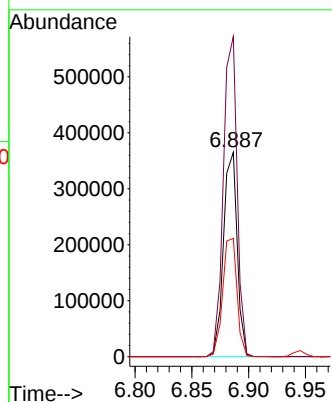
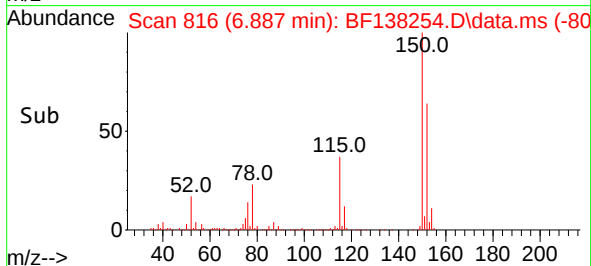
Instrument :
BNA_F
ClientSampleId :
TP-1



Tgt Ion:152 Resp: 30772
Ion Ratio Lower Upper
152 100
150 156.6 125.0 187.4
115 57.9 48.4 72.6

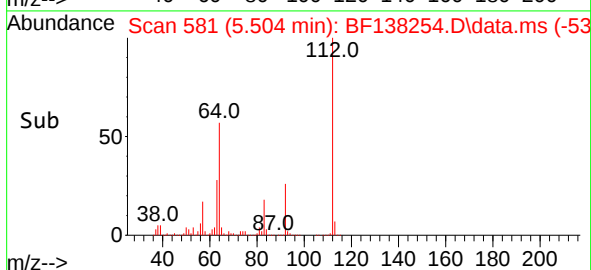
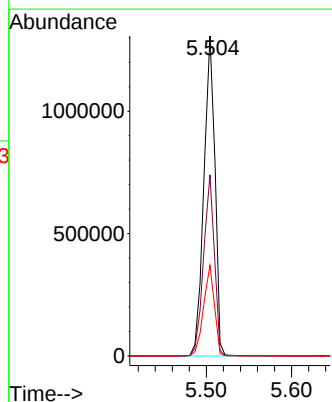
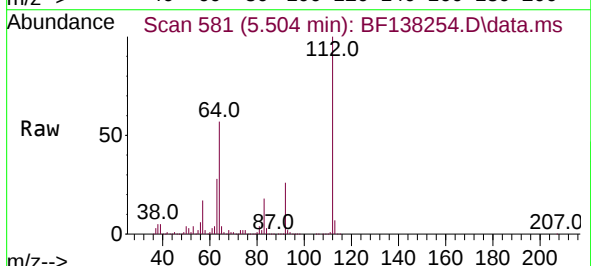
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#5
2-Fluorophenol
Concen: 64.199 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138254.D
Acq: 19 Jun 2024 19:28

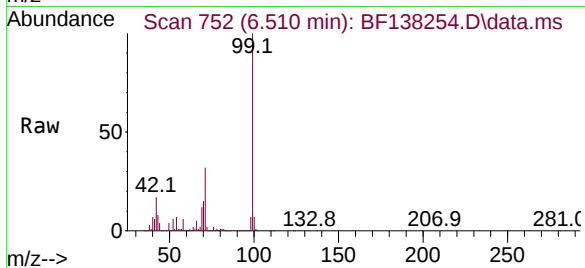
Tgt Ion:112 Resp: 1180949
Ion Ratio Lower Upper
112 100
64 56.6 45.2 67.8
63 28.3 22.9 34.3





#7
Phenol-d6
Concen: 60.236 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138254.D
Acq: 19 Jun 2024 19:28

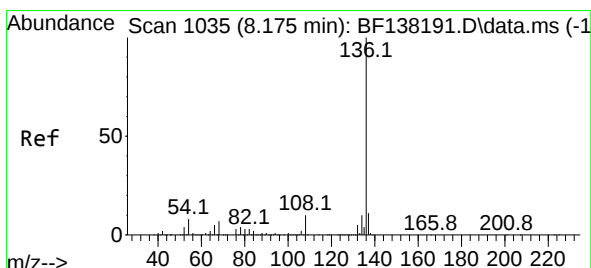
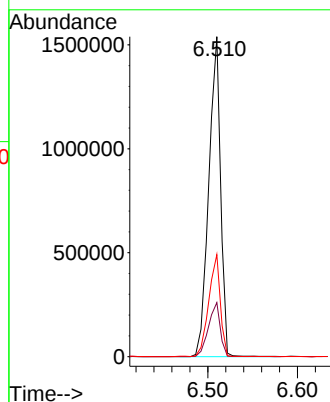
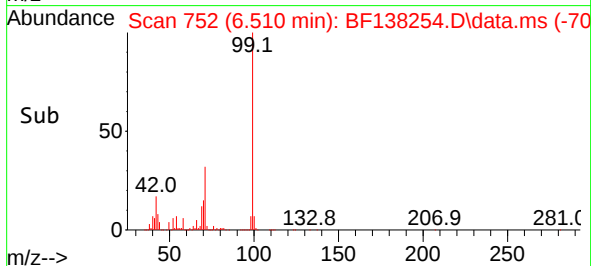
Instrument :
BNA_F
ClientSampleId :
TP-1



Tgt Ion: 99 Resp: 1405062
Ion Ratio Lower Upper
99 100
42 16.9 13.7 20.5
71 31.9 25.0 37.6

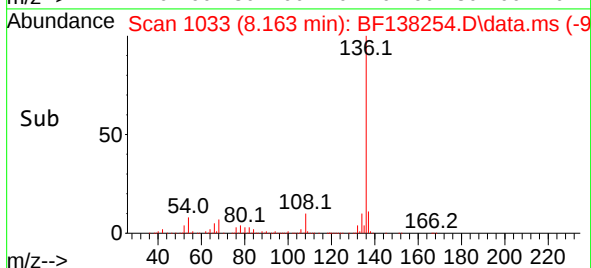
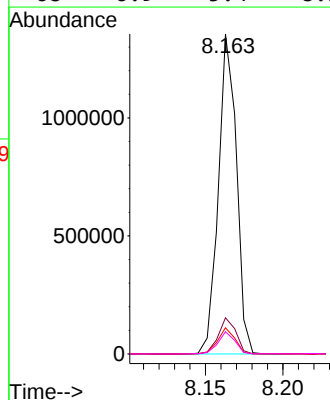
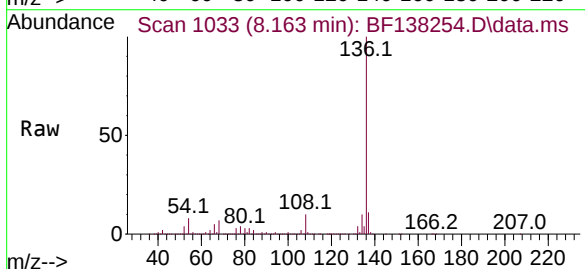
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Supervised By :mohammad ahmed 06/21/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138254.D
Acq: 19 Jun 2024 19:28

Tgt Ion:136 Resp: 1098631
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.2 6.6 10.0
68 6.9 5.4 8.2





#23

Nitrobenzene-d5

Concen: 46.012 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138254.D

Acq: 19 Jun 2024 19:28

Instrument :

BNA_F

ClientSampleId :

TP-1

Tgt Ion: 82 Resp: 868318

Ion Ratio Lower Upper

82 100

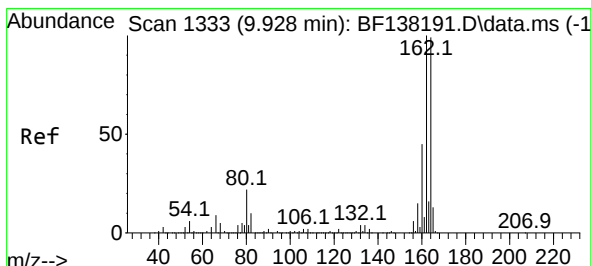
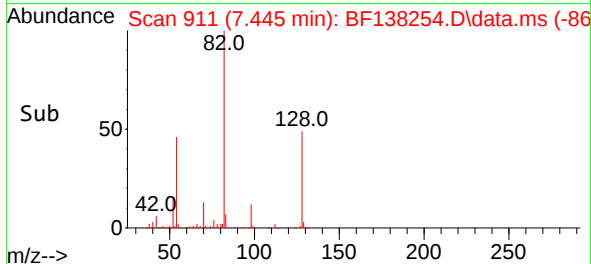
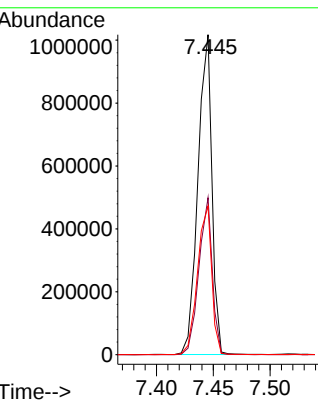
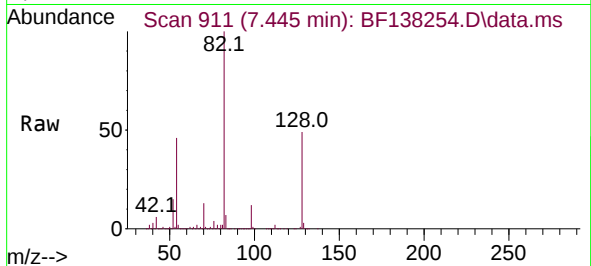
128 49.1 37.2 55.8

54 46.4 39.8 59.6

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.012 min

Lab File: BF138254.D

Acq: 19 Jun 2024 19:28

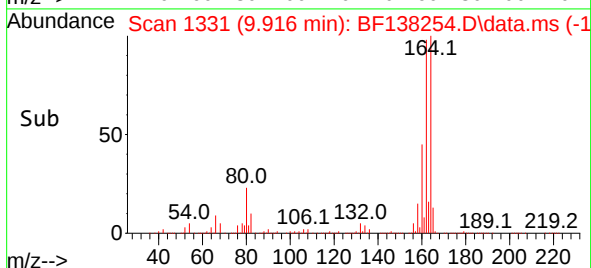
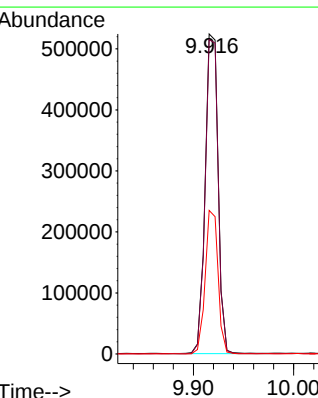
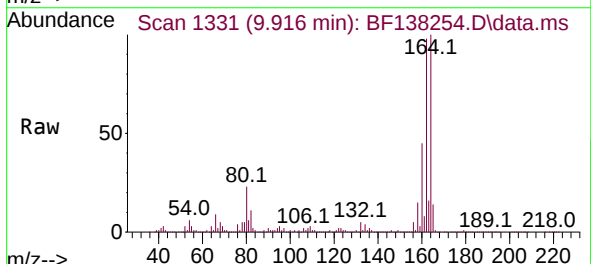
Tgt Ion:164 Resp: 469737

Ion Ratio Lower Upper

164 100

162 98.2 80.6 121.0

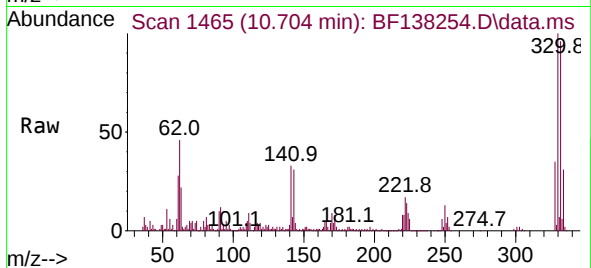
160 44.8 36.3 54.5





#42
2,4,6-Tribromophenol
Concen: 56.419 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138254.D
Acq: 19 Jun 2024 19:28

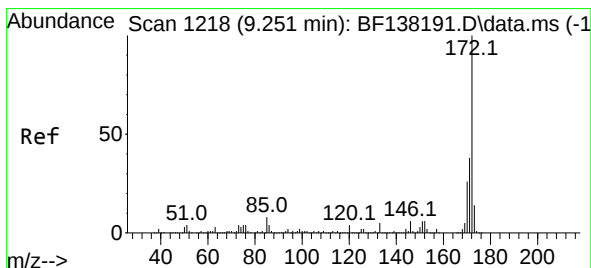
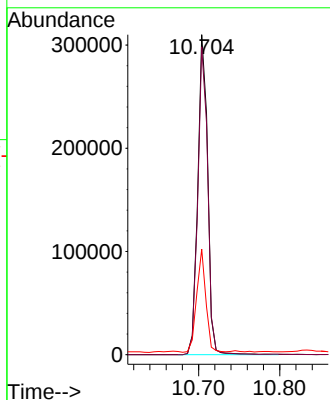
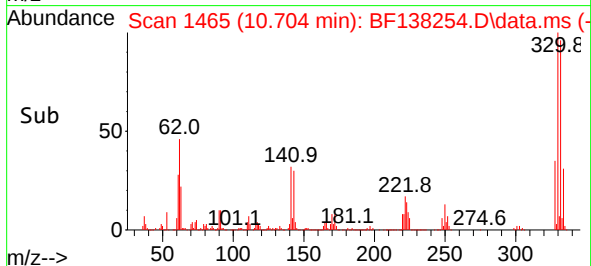
Instrument :
BNA_F
ClientSampleId :
TP-1



Tgt Ion: 330 Resp: 26383
Ion Ratio Lower Upper
330 100
332 96.2 76.6 115.0
141 30.1 23.9 35.9

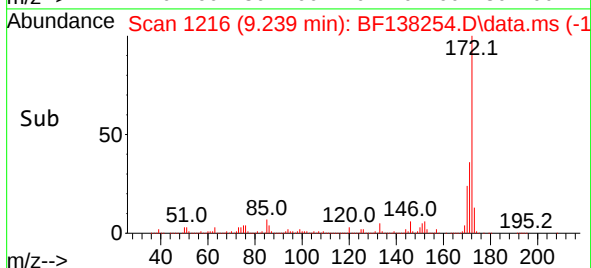
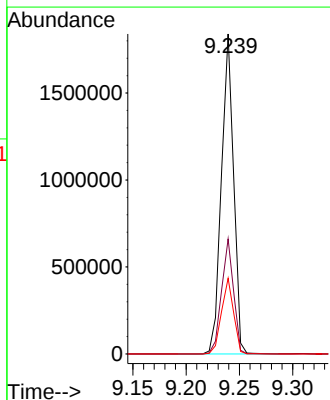
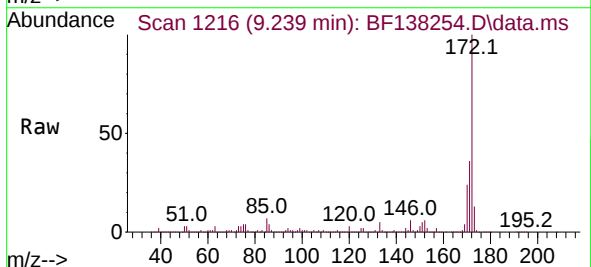
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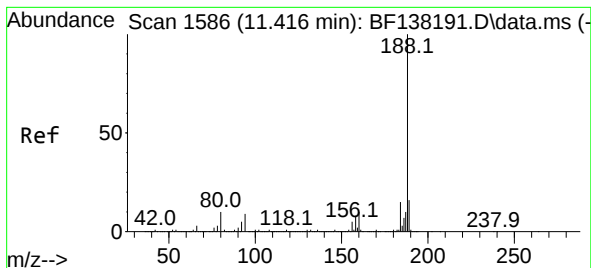
Reviewed By : Jagrut Upadhyay 06/20/2024
Supervised By : mohammad ahmed 06/21/2024



#45
2-Fluorobiphenyl
Concen: 49.340 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138254.D
Acq: 19 Jun 2024 19:28

Tgt Ion: 172 Resp: 1457534
Ion Ratio Lower Upper
172 100
171 35.9 30.3 45.5
170 23.7 20.6 30.8





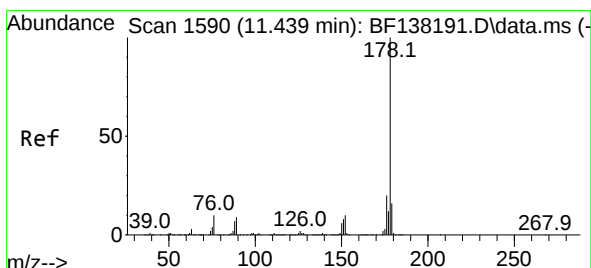
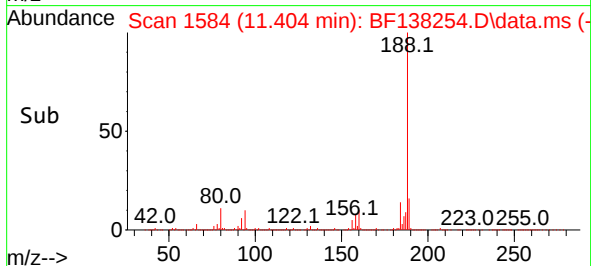
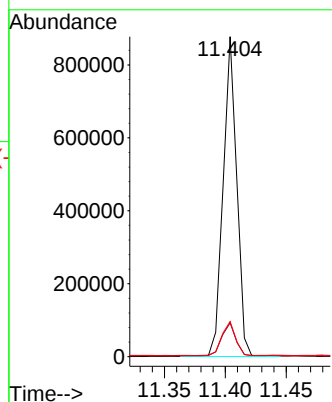
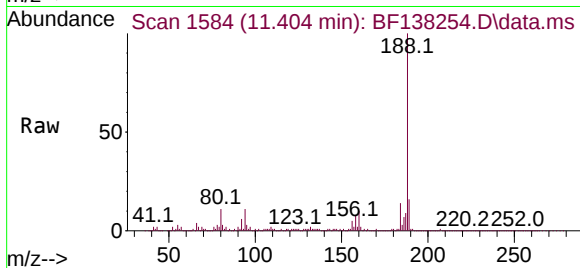
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138254.D
Acq: 19 Jun 2024 19:28

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:188 Resp: 682270
Ion Ratio Lower Upper
188 100
94 10.5 7.6 11.4
80 11.0 8.1 12.1

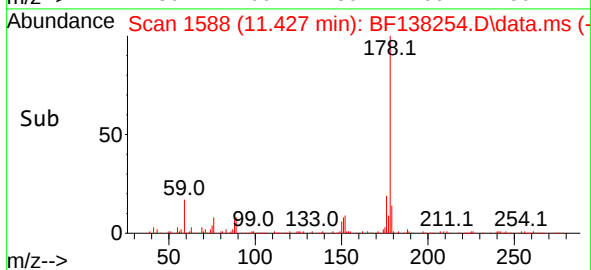
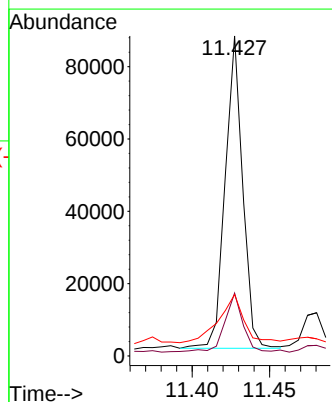
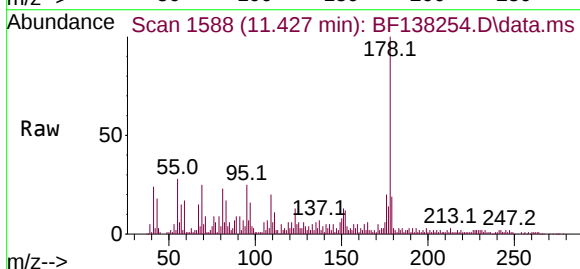
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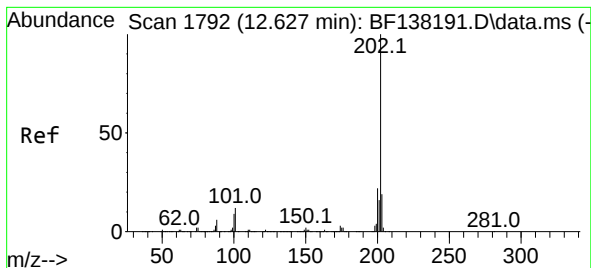
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#71
Phenanthrene
Concen: 2.011 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF138254.D
Acq: 19 Jun 2024 19:28

Tgt Ion:178 Resp: 67842
Ion Ratio Lower Upper
178 100
176 19.7 16.4 24.6
179 19.2 13.1 19.7





#75

Fluoranthene

Concen: 2.443 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138254.D

Acq: 19 Jun 2024 19:28

Instrument :

BNA_F

ClientSampleId :

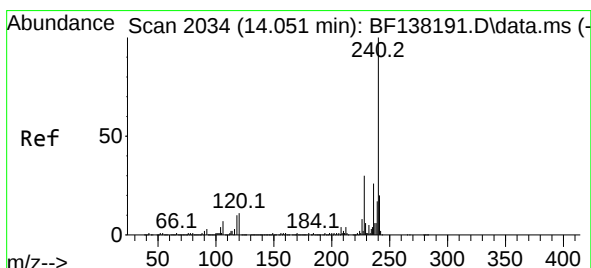
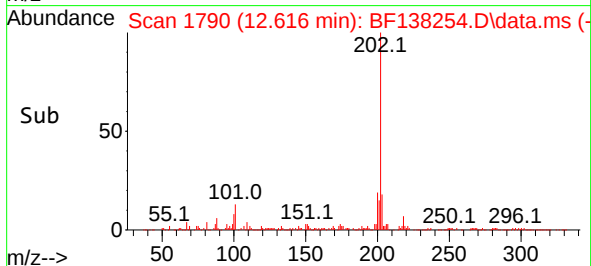
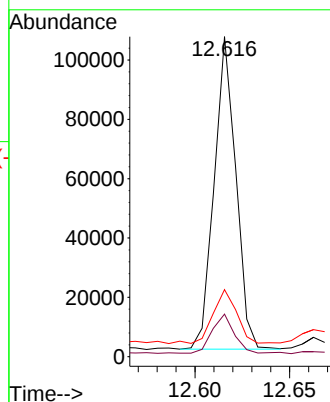
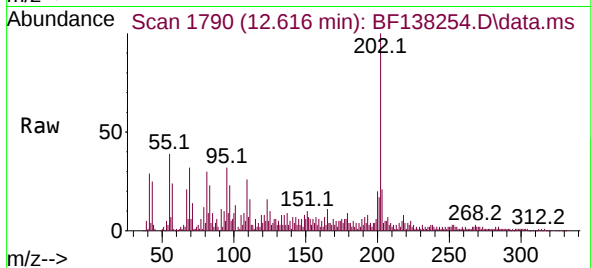
TP-1

Tgt Ion:202 Resp: 84044
 Ion Ratio Lower Upper
 202 100
 101 13.3 0.0 31.8
 203 21.0 0.0 38.6

Manual Integrations

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 Supervised By :mohammad ahmed 06/21/2024



#76

Chrysene-d12

Concen: 20.000 ng

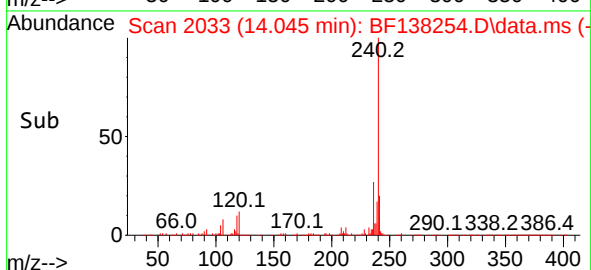
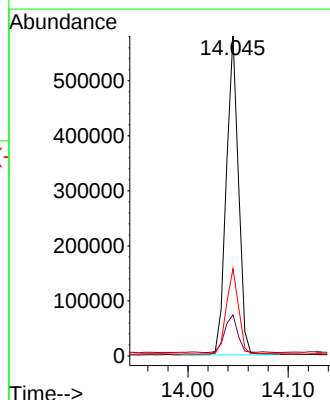
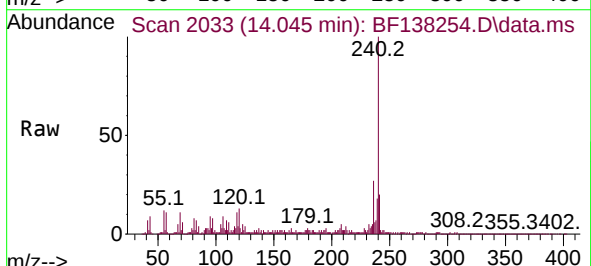
RT: 14.045 min Scan# 2033

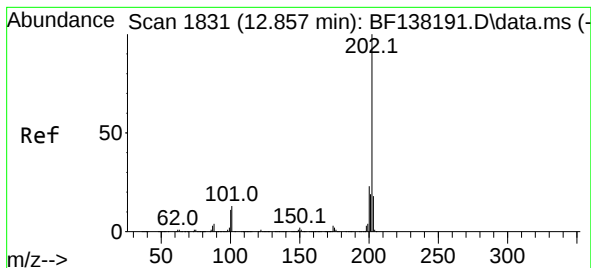
Delta R.T. -0.006 min

Lab File: BF138254.D

Acq: 19 Jun 2024 19:28

Tgt Ion:240 Resp: 487344
 Ion Ratio Lower Upper
 240 100
 120 12.8 9.2 13.8
 236 27.2 21.0 31.6





#78

Pyrene

Concen: 2.264 ng

RT: 12.845 min Scan# 1829

Delta R.T. -0.012 min

Lab File: BF138254.D

Acq: 19 Jun 2024 19:28

Instrument :

BNA_F

ClientSampleId :

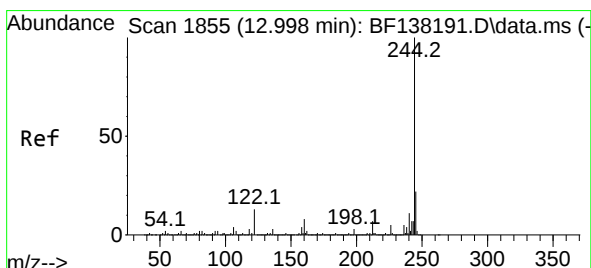
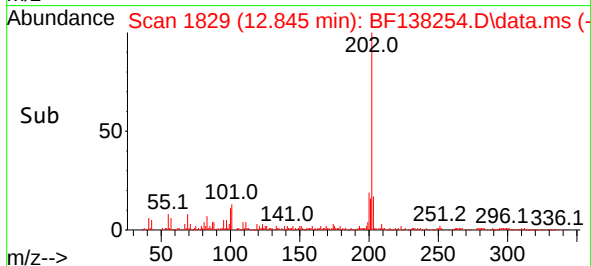
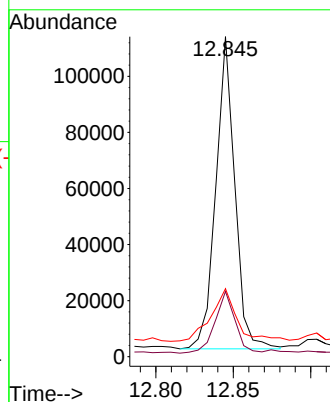
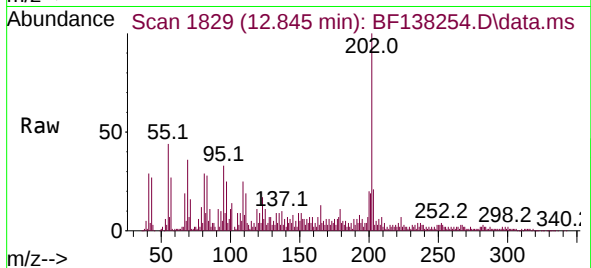
TP-1

Tgt Ion:202	Resp:	95184
Ion Ratio	Lower	Upper
202	100	
200	20.4	18.0 27.0
203	21.3	14.7 22.1

Manual Integrations

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Supervised By :mohammad ahmed 06/21/2024



#79

Terphenyl-d14

Concen: 40.438 ng

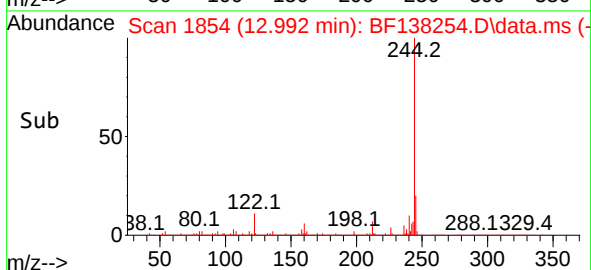
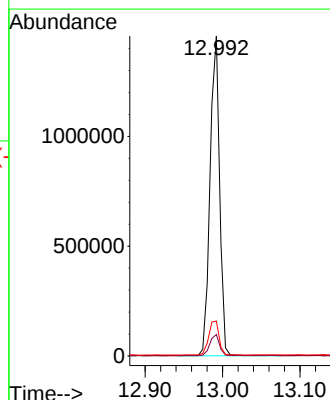
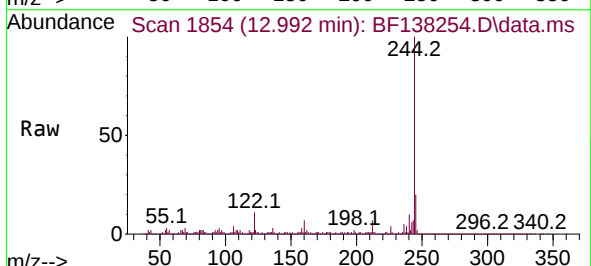
RT: 12.992 min Scan# 1854

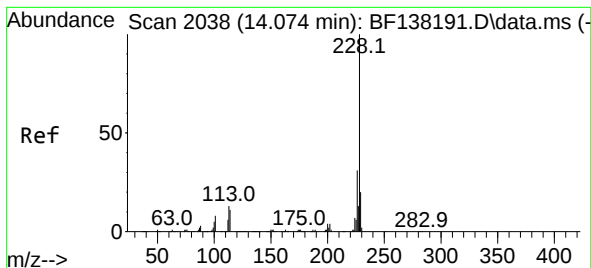
Delta R.T. -0.006 min

Lab File: BF138254.D

Acq: 19 Jun 2024 19:28

Tgt Ion:244	Resp:	1244263
Ion Ratio	Lower	Upper
244	100	
212	6.7	5.9 8.9
122	10.9	10.6 15.8





#83

Chrysene

Concen: 2.487 ng m

RT: 14.068 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF138254.D

Acq: 19 Jun 2024 19:28

Instrument :

BNA_F

ClientSampleId :

TP-1

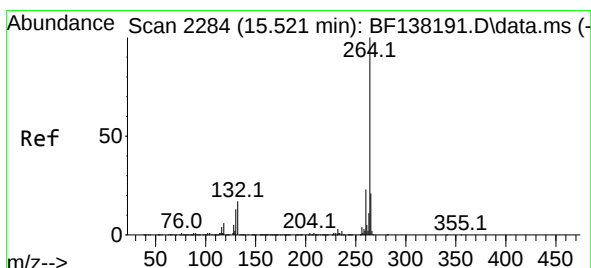
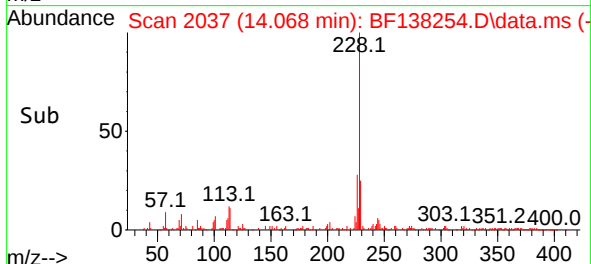
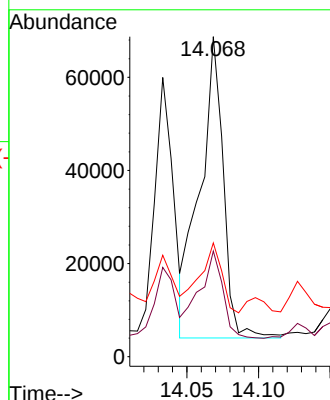
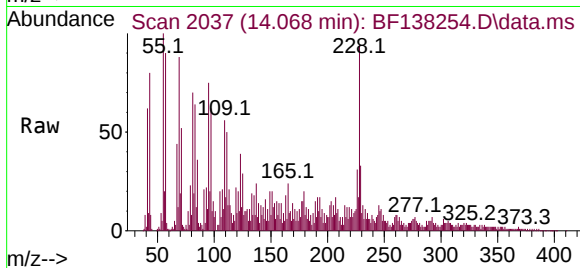
Tgt Ion:228 Resp: 74118

Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.5	36.7
229	35.5	16.3	24.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2284

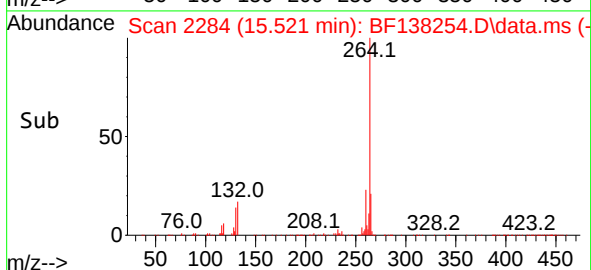
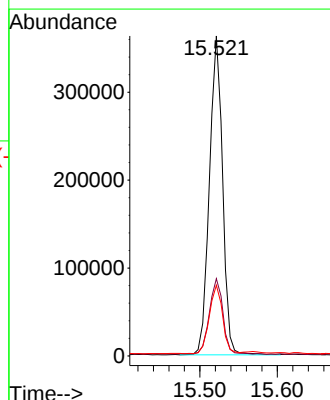
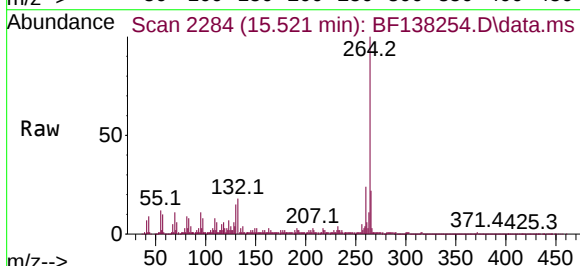
Delta R.T. -0.000 min

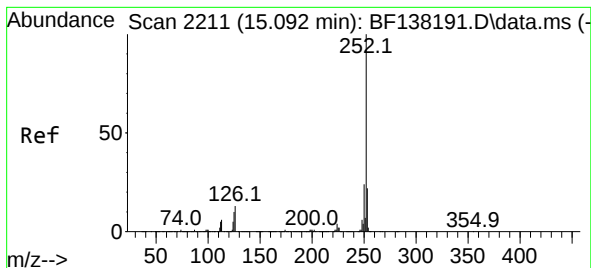
Lab File: BF138254.D

Acq: 19 Jun 2024 19:28

Tgt Ion:264 Resp: 427697

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.1	17.0	25.6





#88

Benzo(b)fluoranthene

Concen: 3.088 ng m

RT: 15.086 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138254.D

Acq: 19 Jun 2024 19:28

Instrument :

BNA_F

ClientSampleId :

TP-1

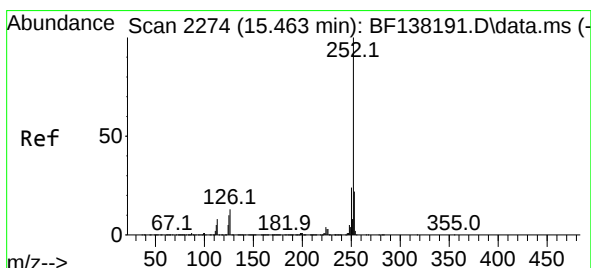
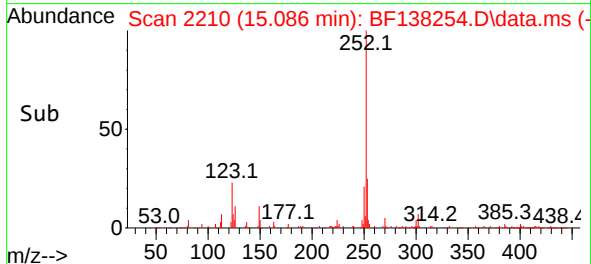
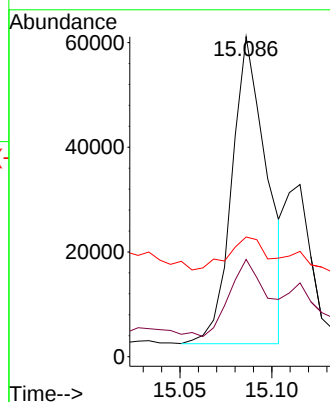
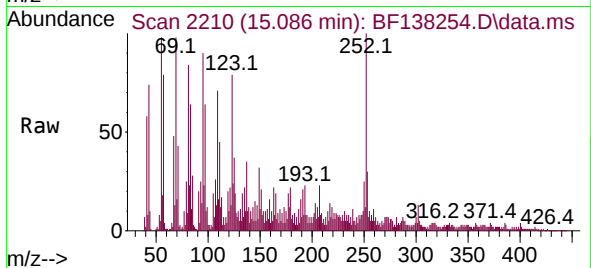
Tgt Ion:252 Resp: 77875

Ion	Ratio	Lower	Upper
252	100		
253	30.4	17.7	26.5
125	37.4	7.8	11.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#90

Benzo(a)pyrene

Concen: 2.137 ng

RT: 15.457 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138254.D

Acq: 19 Jun 2024 19:28

Tgt Ion:252 Resp: 46312

Ion	Ratio	Lower	Upper
252	100		
253	30.1	17.7	26.5
125	44.9	8.2	12.2

