

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
 Data File : BF138255.D
 Acq On : 19 Jun 2024 19:58
 Operator : CG\JU
 Sample : P2955-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VK-1

Manual Integrations
 APPROVED

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

Quant Time: Jun 20 01:11:32 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	6.886	152	294041	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1010708	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	431408	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	697325	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	480283	20.000	ng	-0.01
86) Perylene-d12	15.515	264	404761	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1294606	73.651	ng	0.00
7) Phenol-d6	6.510	99	1525684	68.450	ng	-0.01
23) Nitrobenzene-d5	7.445	82	922033	53.109	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	299871	69.823	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1518154	55.958	ng	-0.01
79) Terphenyl-d14	12.992	244	1507324	49.707	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.616	202	168418	4.789	ng	98
78) Pyrene	12.845	202	168543	4.068	ng	97
81) Benzo(a)anthracene	14.027	228	83777	2.719	ng	97
83) Chrysene	14.063	228	82125m	2.796	ng	
88) Benzo(b)fluoranthene	15.080	252	94617m	3.964	ng	
90) Benzo(a)pyrene	15.451	252	61976	3.022	ng	# 88

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

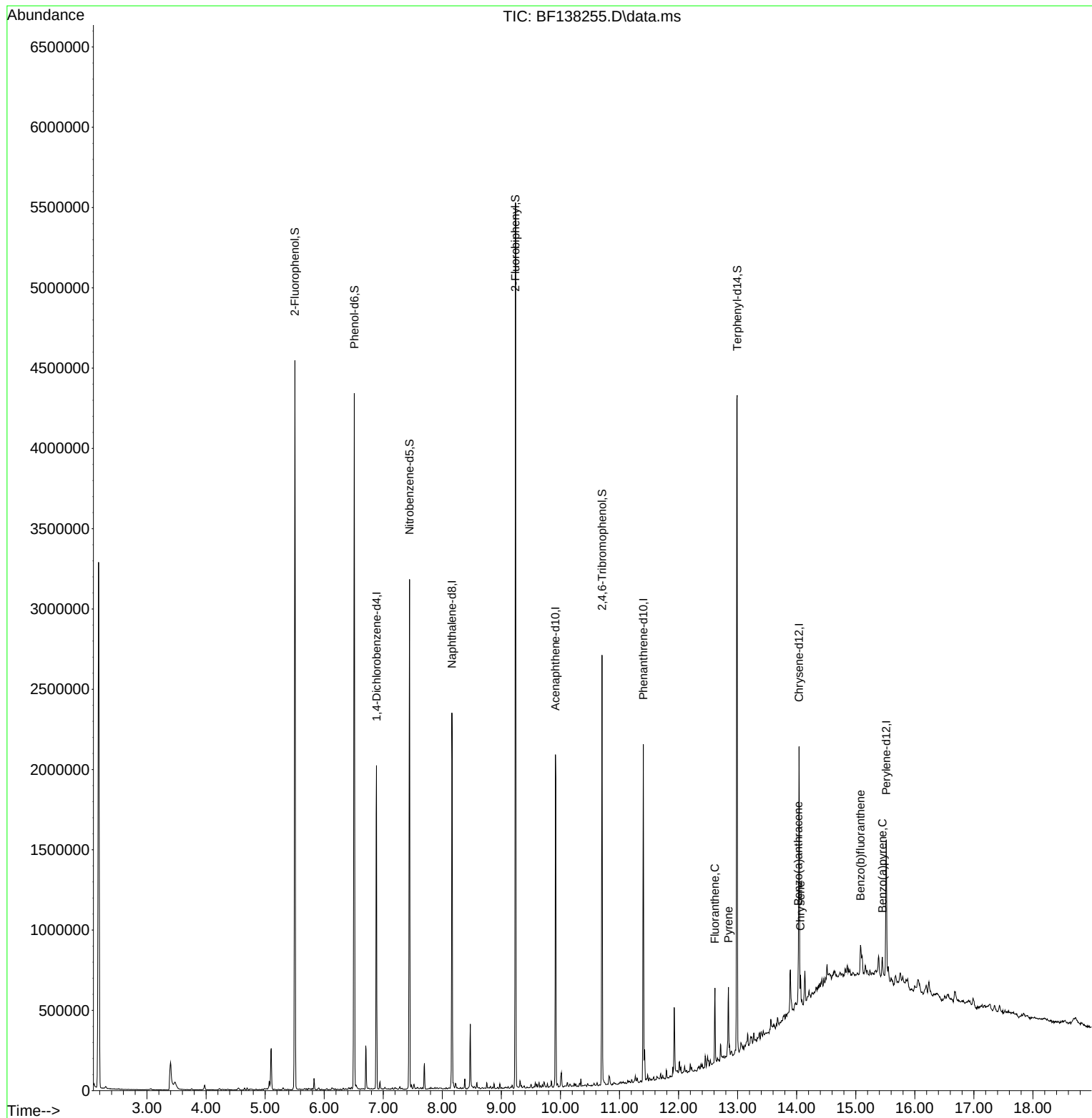
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138255.D
Acq On : 19 Jun 2024 19:58
Operator : CG\JU
Sample : P2955-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

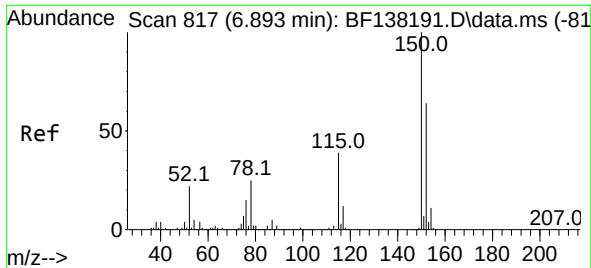
Instrument :
BNA_F
ClientSampleId :
VK-1

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Supervised By :mohammad ahmed 06/21/2024

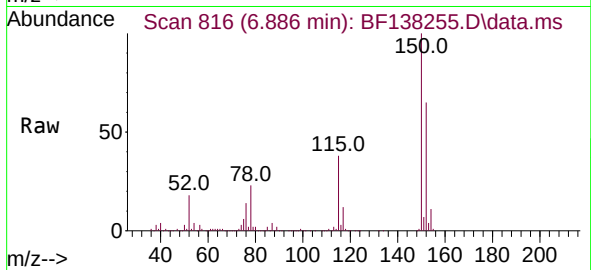
Quant Time: Jun 20 01:11:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF138255.D
 Acq: 19 Jun 2024 19:58

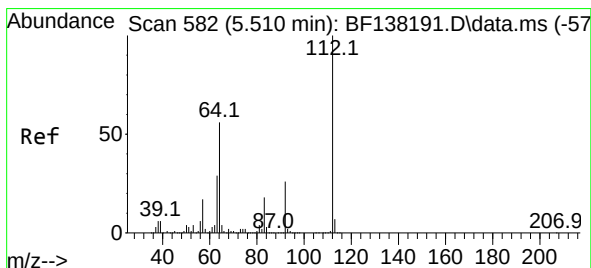
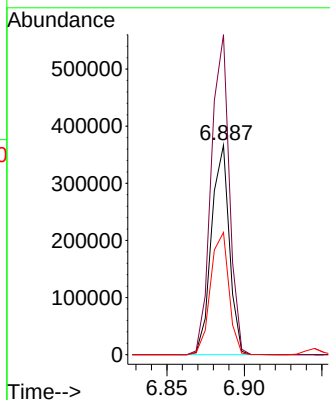
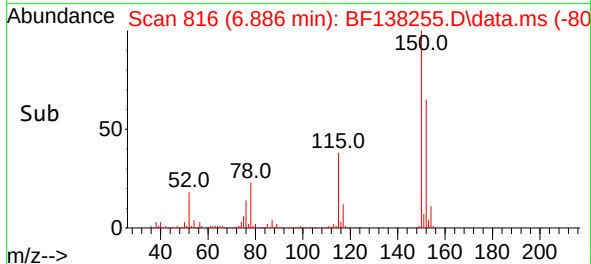
Instrument :
 BNA_F
 ClientSampleId :
 VK-1



Tgt Ion:152 Resp: 29404
 Ion Ratio Lower Upper
 152 100
 150 152.8 125.0 187.4
 115 58.4 48.4 72.6

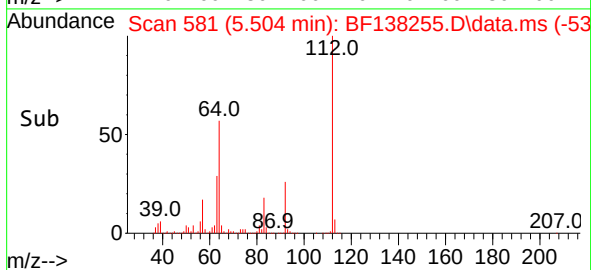
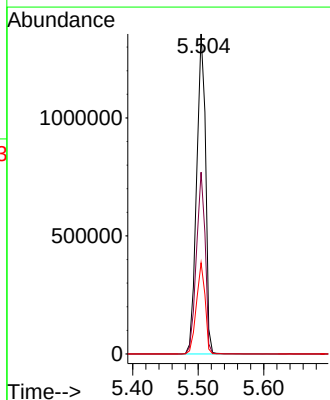
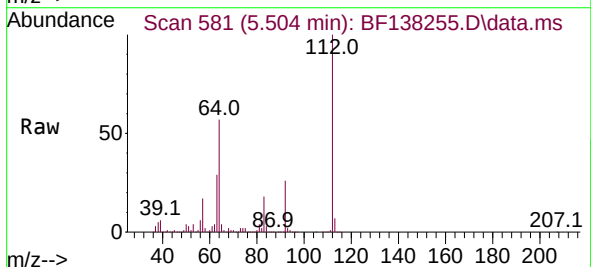
Manual Integrations
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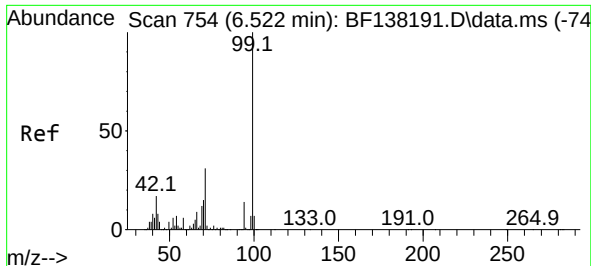
Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024



#5
 2-Fluorophenol
 Concen: 73.651 ng
 RT: 5.504 min Scan# 581
 Delta R.T. -0.006 min
 Lab File: BF138255.D
 Acq: 19 Jun 2024 19:58

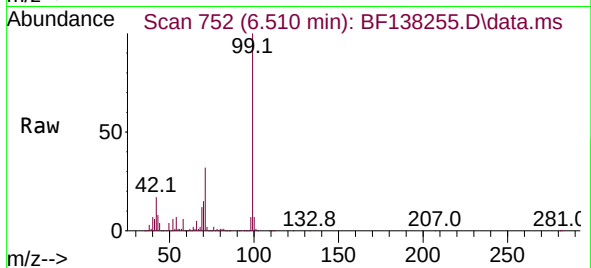
Tgt Ion:112 Resp: 1294606
 Ion Ratio Lower Upper
 112 100
 64 56.8 45.2 67.8
 63 28.5 22.9 34.3





#7
Phenol-d6
Concen: 68.450 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138255.D
Acq: 19 Jun 2024 19:58

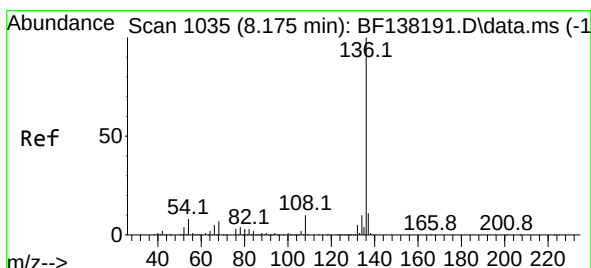
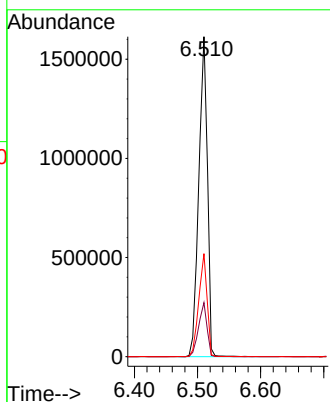
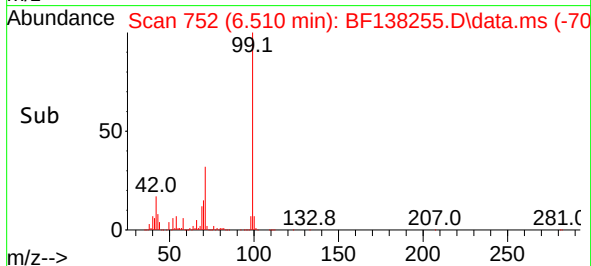
Instrument :
BNA_F
ClientSampleId :
VK-1



Tgt Ion: 99 Resp: 1525684
Ion Ratio Lower Upper
99 100
42 16.9 13.7 20.5
71 32.2 25.0 37.6

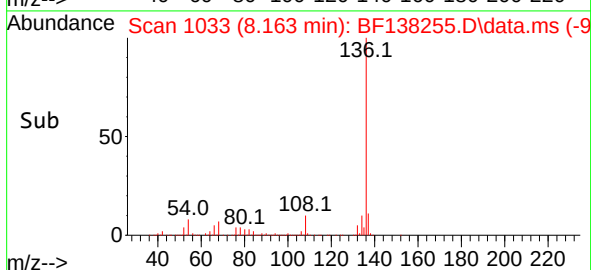
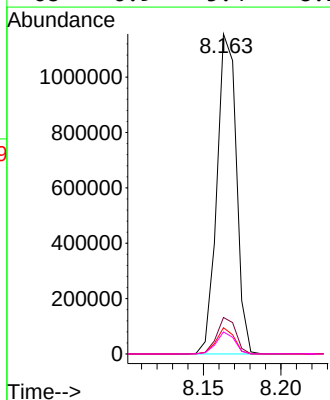
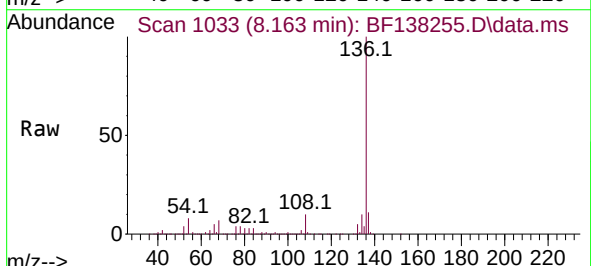
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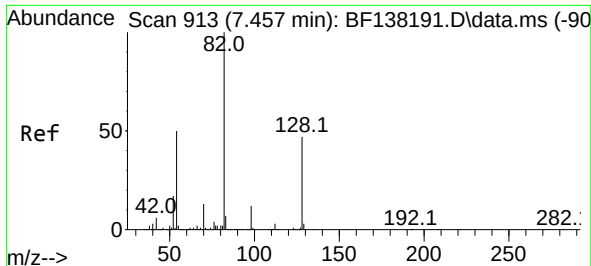
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138255.D
Acq: 19 Jun 2024 19:58

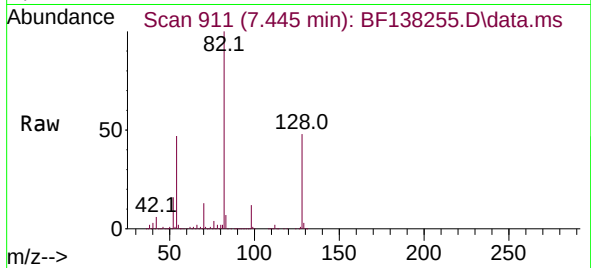
Tgt Ion:136 Resp: 1010708
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.2 6.6 10.0
68 6.9 5.4 8.2





#23
Nitrobenzene-d5
Concen: 53.109 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138255.D
Acq: 19 Jun 2024 19:58

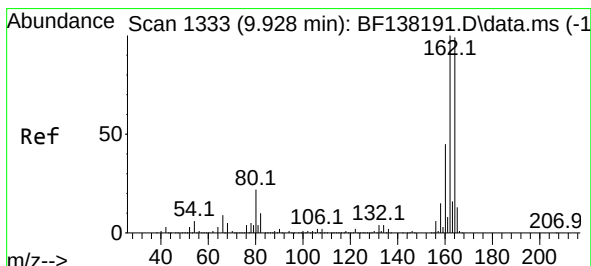
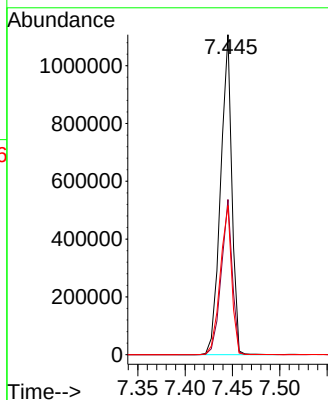
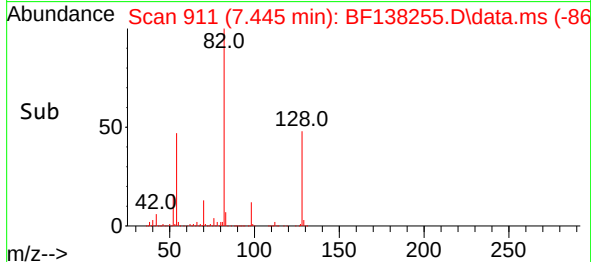
Instrument :
BNA_F
ClientSampleId :
VK-1



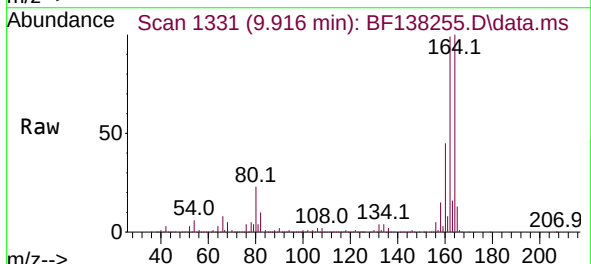
Tgt Ion: 82 Resp: 922033
Ion Ratio Lower Upper
82 100
128 48.5 37.2 55.8
54 46.6 39.8 59.6

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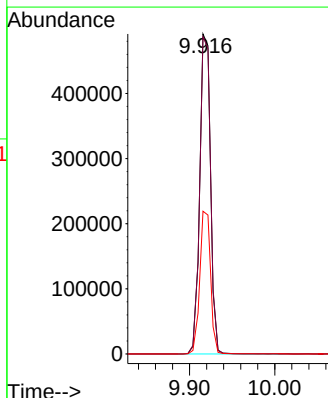
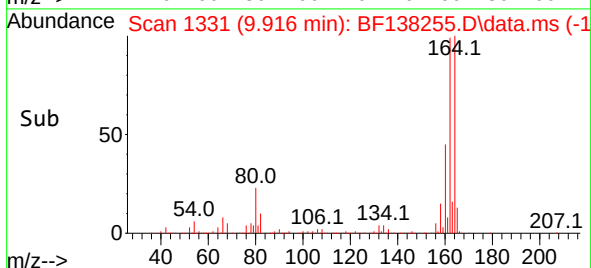
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

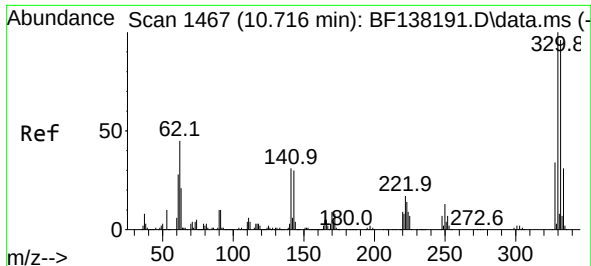


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138255.D
Acq: 19 Jun 2024 19:58



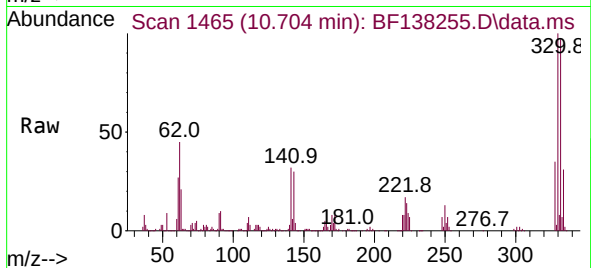
Tgt Ion:164 Resp: 431408
Ion Ratio Lower Upper
164 100
162 99.0 80.6 121.0
160 44.6 36.3 54.5





#42
2,4,6-Tribromophenol
Concen: 69.823 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138255.D
Acq: 19 Jun 2024 19:58

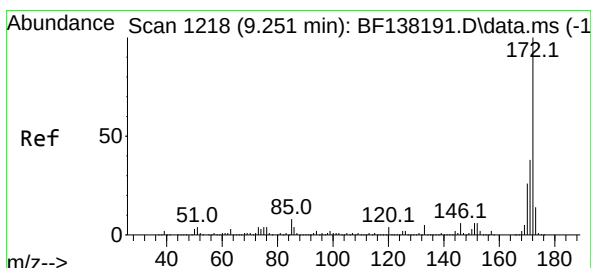
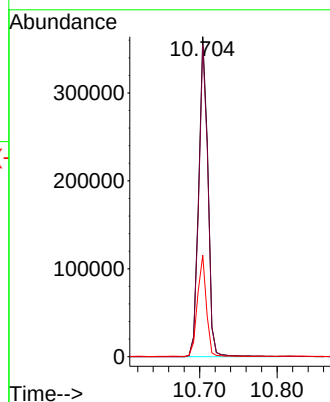
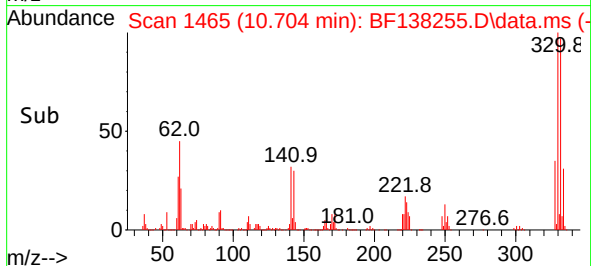
Instrument :
BNA_F
ClientSampleId :
VK-1



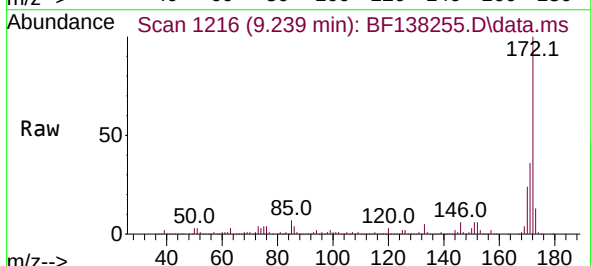
Tgt Ion:330 Resp: 29987
Ion Ratio Lower Upper
330 100
332 96.9 76.6 115.0
141 30.3 23.9 35.9

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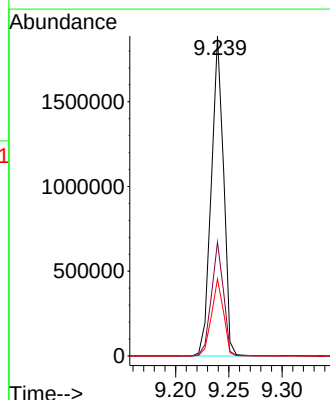
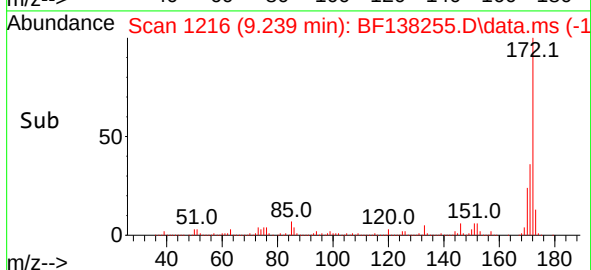
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

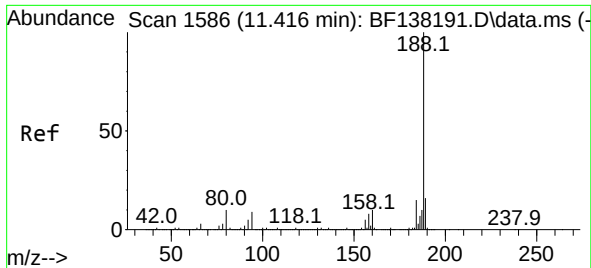


#45
2-Fluorobiphenyl
Concen: 55.958 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138255.D
Acq: 19 Jun 2024 19:58



Tgt Ion:172 Resp: 1518154
Ion Ratio Lower Upper
172 100
171 35.6 30.3 45.5
170 24.1 20.6 30.8





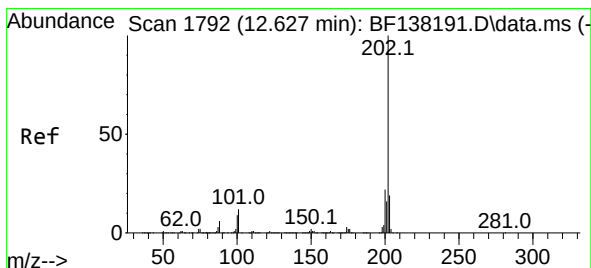
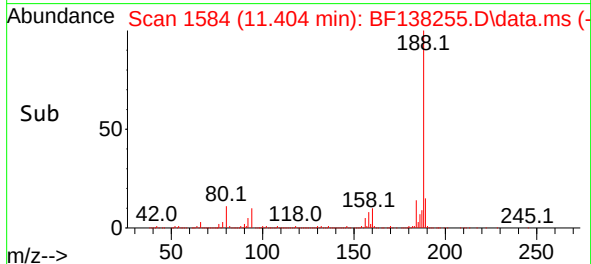
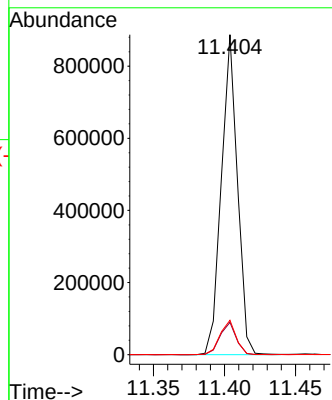
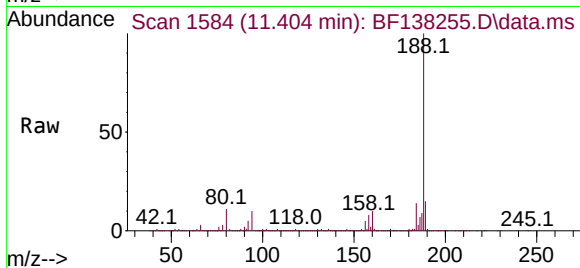
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1140
Delta R.T. -0.012 min
Lab File: BF138255.D
Acq: 19 Jun 2024 19:58

Instrument :
BNA_F
ClientSampleId :
VK-1

Tgt Ion:188 Resp: 69732
Ion Ratio Lower Upper
188 100
94 10.1 7.6 11.4
80 10.8 8.1 12.1

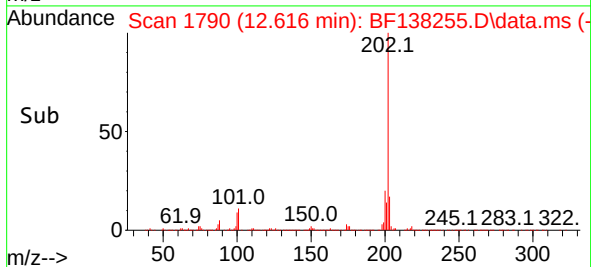
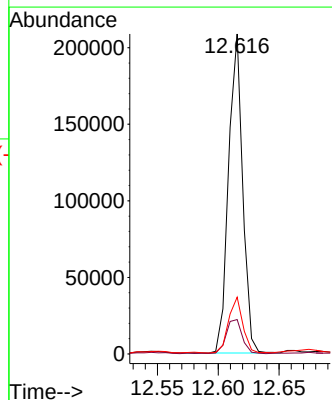
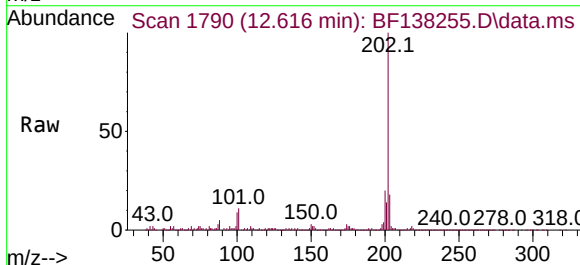
Manual Integrations
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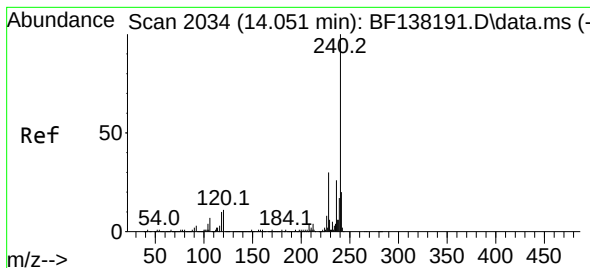
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#75
Fluoranthene
Concen: 4.789 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF138255.D
Acq: 19 Jun 2024 19:58

Tgt Ion:202 Resp: 168418
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.8
203 17.7 0.0 38.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF138255.D

Acq: 19 Jun 2024 19:58

Instrument :

BNA_F

ClientSampleId :

VK-1

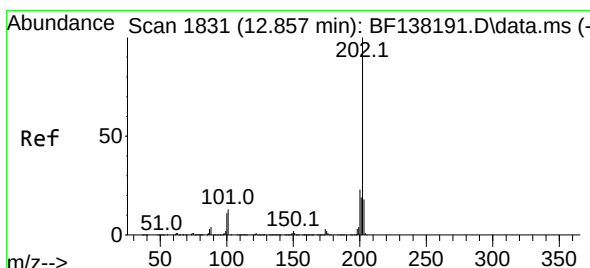
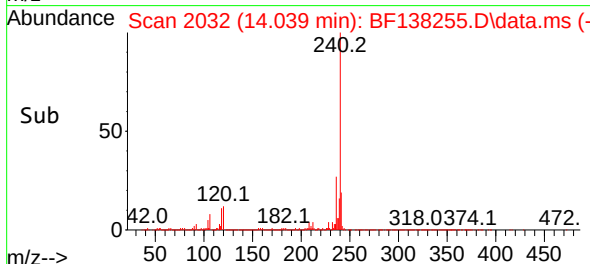
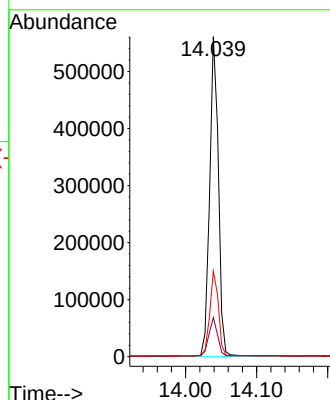
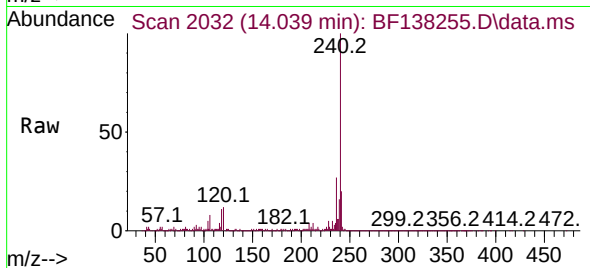
Tgt Ion:240 Resp: 48028

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.2	13.8
236	26.7	21.0	31.6

Manual Integrations

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



#78

Pyrene

Concen: 4.068 ng

RT: 12.845 min Scan# 1829

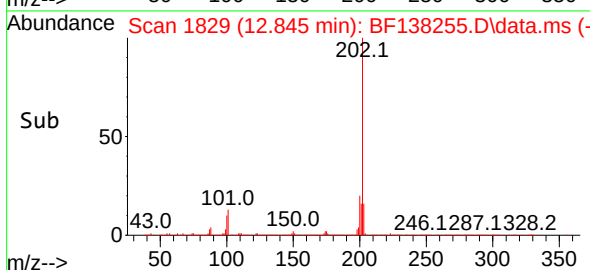
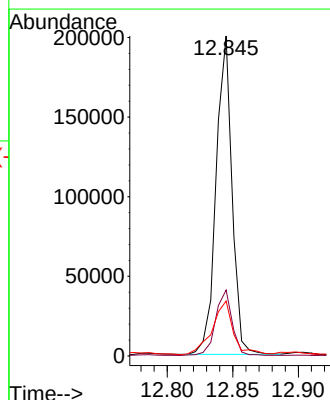
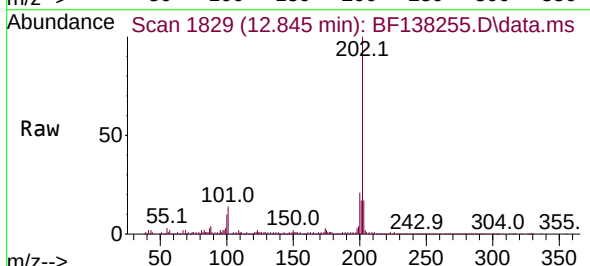
Delta R.T. -0.012 min

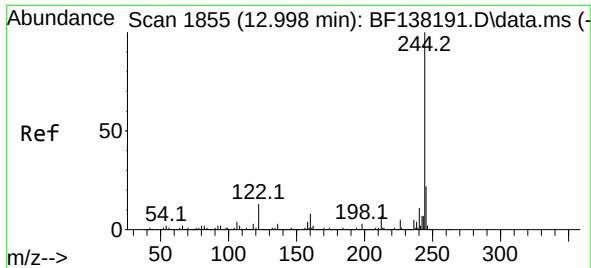
Lab File: BF138255.D

Acq: 19 Jun 2024 19:58

Tgt Ion:202 Resp: 168543

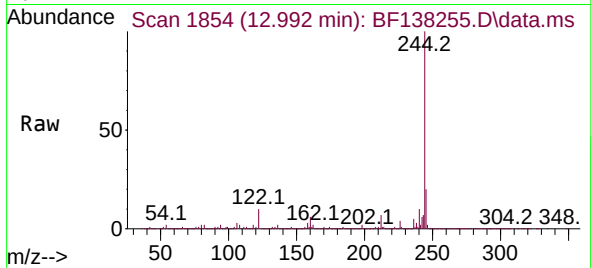
Ion	Ratio	Lower	Upper
202	100		
200	20.6	18.0	27.0
203	17.2	14.7	22.1





#79
 Terphenyl-d14
 Concen: 49.707 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF138255.D
 Acq: 19 Jun 2024 19:58

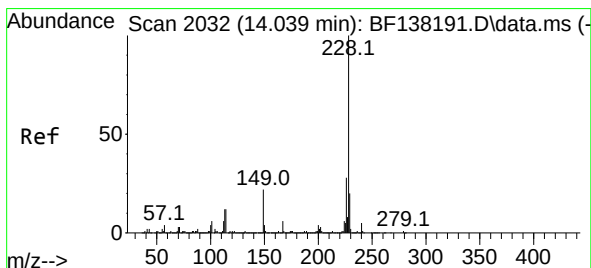
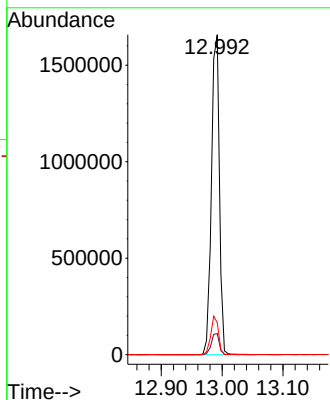
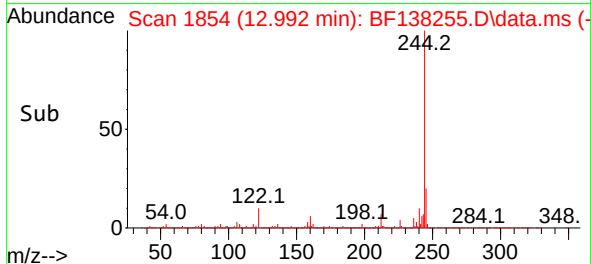
Instrument :
 BNA_F
 ClientSampleId :
 VK-1



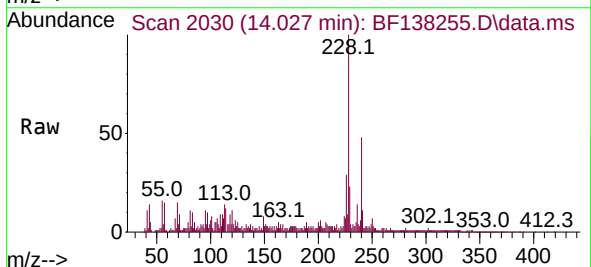
Tgt Ion:244 Resp: 1507324
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 10.0 10.6 15.8

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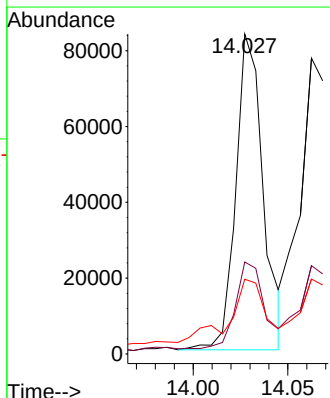
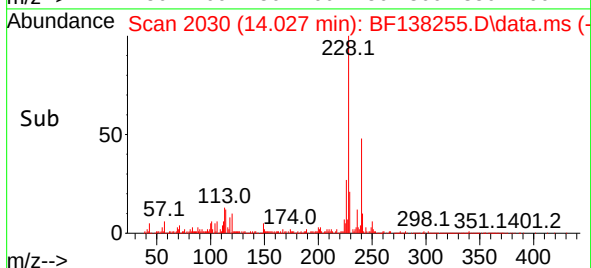
Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024

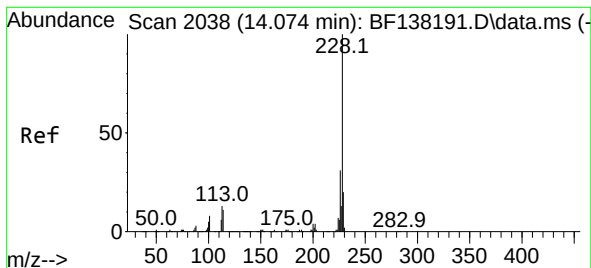


#81
 Benzo(a)anthracene
 Concen: 2.719 ng
 RT: 14.027 min Scan# 2030
 Delta R.T. -0.012 min
 Lab File: BF138255.D
 Acq: 19 Jun 2024 19:58



Tgt Ion:228 Resp: 83777
 Ion Ratio Lower Upper
 228 100
 226 28.8 22.5 33.7
 229 23.3 16.3 24.5





#83

Chrysene

Concen: 2.796 ng m

RT: 14.063 min Scan# 2038

Delta R.T. -0.012 min

Lab File: BF138255.D

Acq: 19 Jun 2024 19:58

Instrument :

BNA_F

ClientSampleId :

VK-1

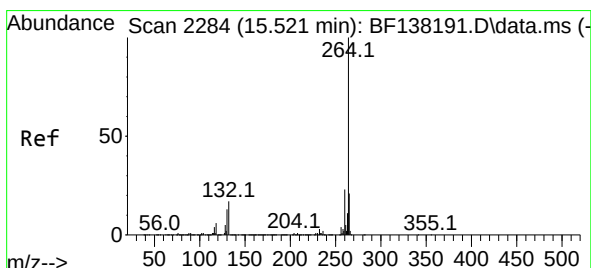
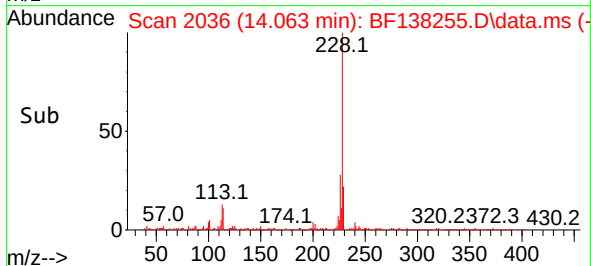
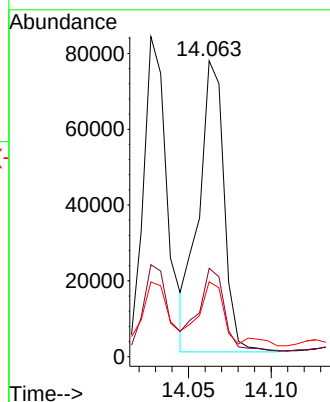
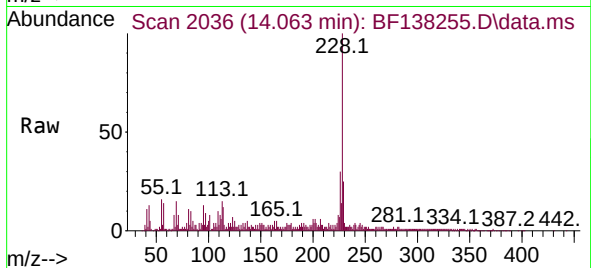
Tgt Ion:228 Resp: 82125

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	25.3	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: 15.515 min Scan# 2283

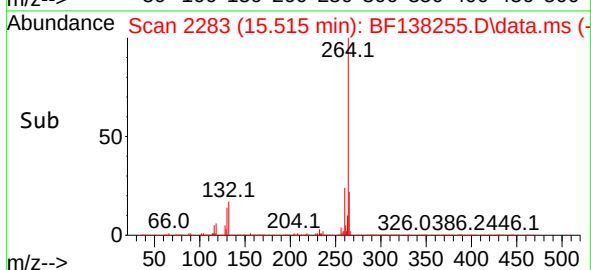
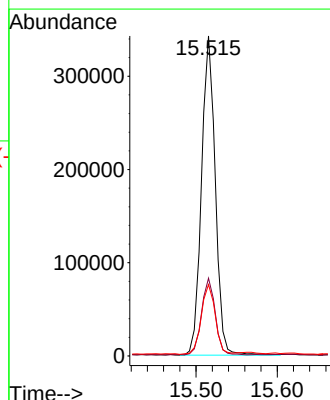
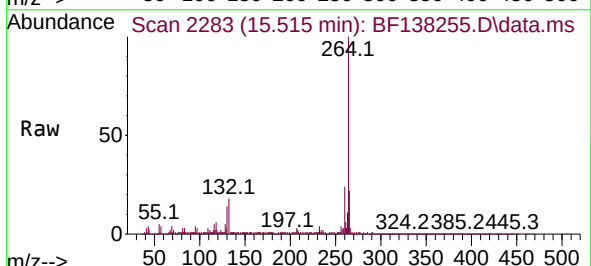
Delta R.T. -0.006 min

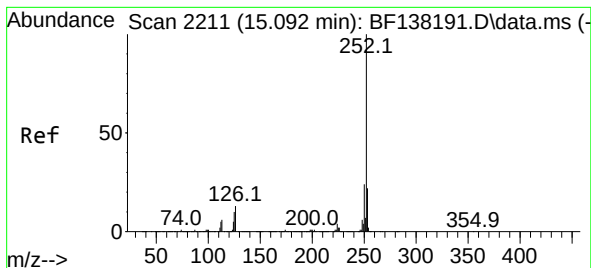
Lab File: BF138255.D

Acq: 19 Jun 2024 19:58

Tgt Ion:264 Resp: 404761

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.3	17.0	25.6





#88

Benzo(b)fluoranthene

Concen: 3.964 ng m

RT: 15.080 min Scan# 2211

Delta R.T. -0.012 min

Lab File: BF138255.D

Acq: 19 Jun 2024 19:58

Instrument :

BNA_F

ClientSampleId :

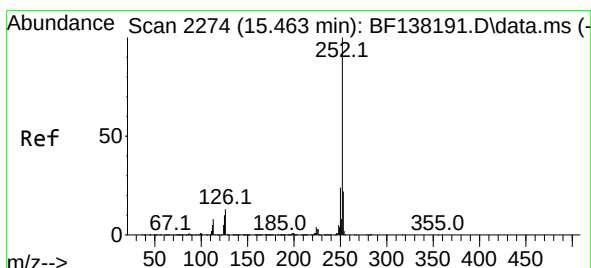
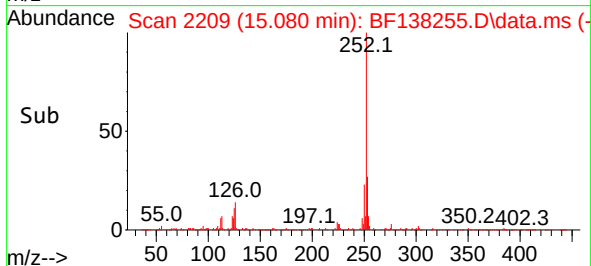
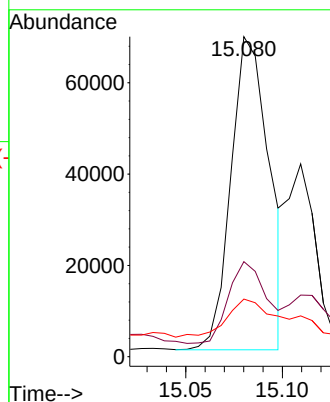
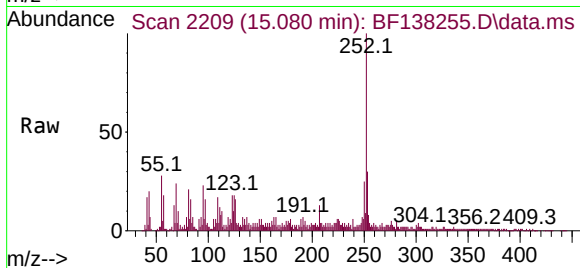
VK-1

Tgt Ion:	252	Resp:	9461
Ion Ratio	Lower	Upper	
252	100		
253	29.7	17.7	26.5
125	18.0	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: 3.022 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF138255.D

Acq: 19 Jun 2024 19:58

Tgt Ion:	252	Resp:	61976
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.7	26.5
125	19.2	8.2	12.2

