

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138298.D
 Acq On : 21 Jun 2024 21:38
 Operator : CG\JU
 Sample : P2977-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-B1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 23:03:21 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	295670	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1109410	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	540205	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	714387	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	573332	20.000	ng	-0.01
86) Perylene-d12	15.509	264	514152	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1442225	81.598	ng	0.00
7) Phenol-d6	6.510	99	1754466	78.281	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1054814	55.351	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	383133	71.243	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1994169	58.700	ng	-0.01
79) Terphenyl-d14	12.986	244	1567362	43.298	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.427	178	76639	2.169	ng	97
75) Fluoranthene	12.615	202	218046	6.053	ng	97
78) Pyrene	12.839	202	189147	3.825	ng	98
81) Benzo(a)anthracene	14.027	228	110092	2.993	ng	94
83) Chrysene	14.062	228	122686	3.499	ng	98
88) Benzo(b)fluoranthene	15.080	252	166616m	5.495	ng	
90) Benzo(a)pyrene	15.445	252	92939	3.568	ng	99

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

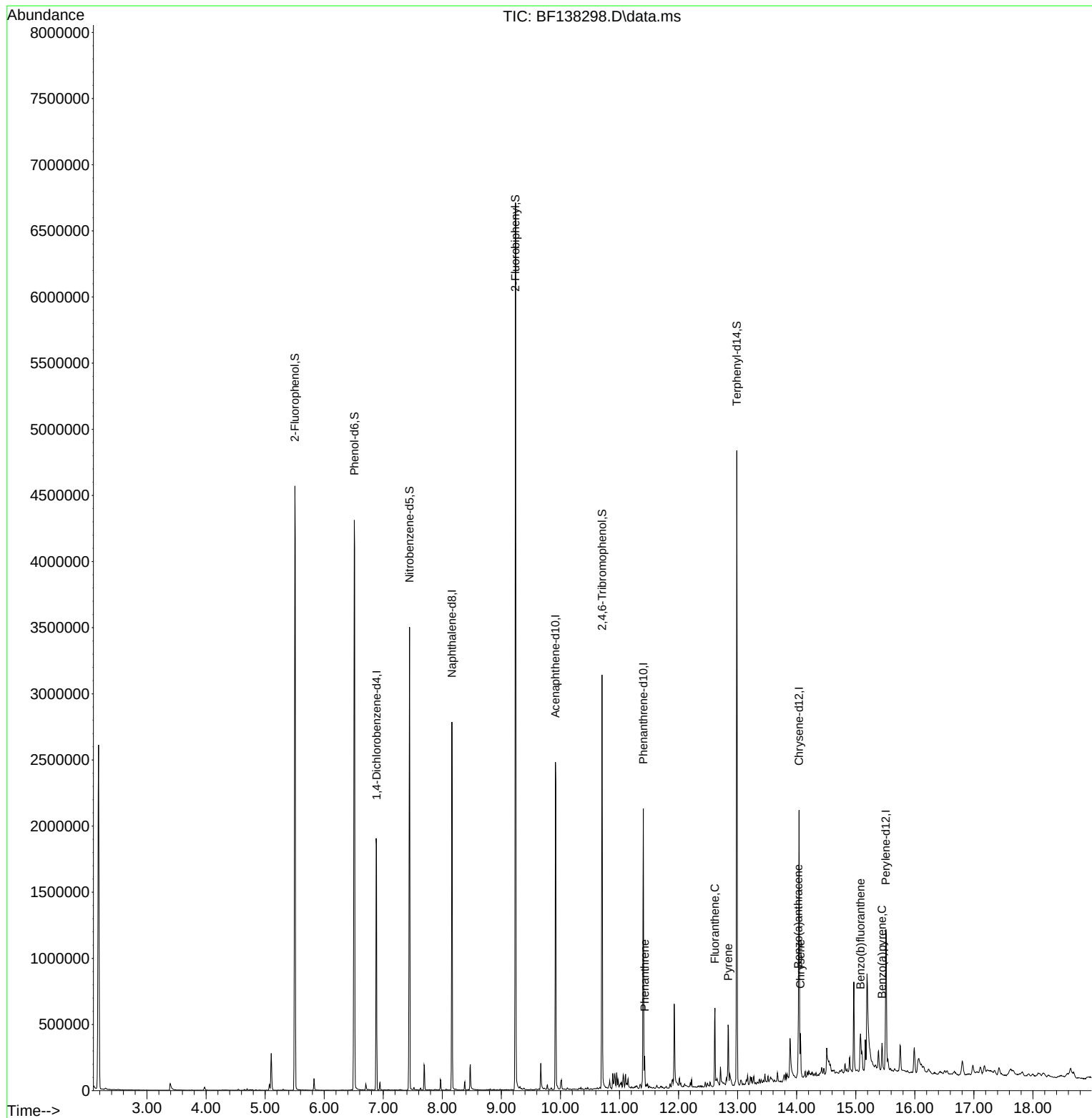
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
Data File : BF138298.D
Acq On : 21 Jun 2024 21:38
Operator : CG\JU
Sample : P2977-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

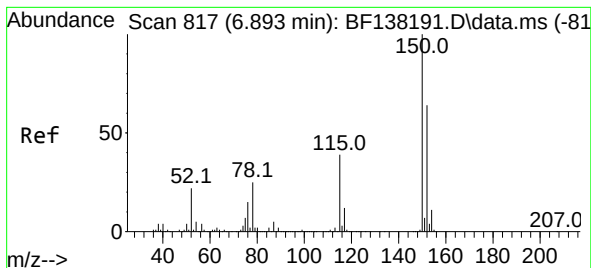
Instrument :
BNA_F
ClientSampleId :
OSTL-B1

Quant Time: Jun 21 23:03:21 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

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.886 min Scan# 817

Delta R.T. -0.007 min

Lab File: BF138298.D

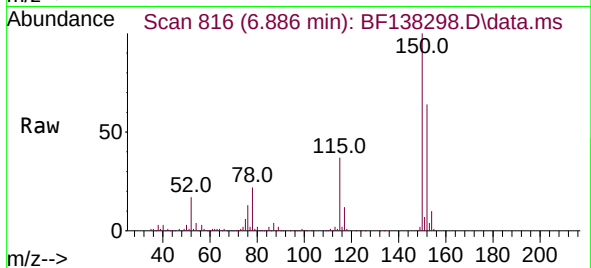
Acq: 21 Jun 2024 21:38

Instrument :

BNA_F

ClientSampleId :

OSTL-B1



Tgt Ion:152 Resp: 295670

Ion Ratio Lower Upper

152 100

150 155.5 125.0 187.4

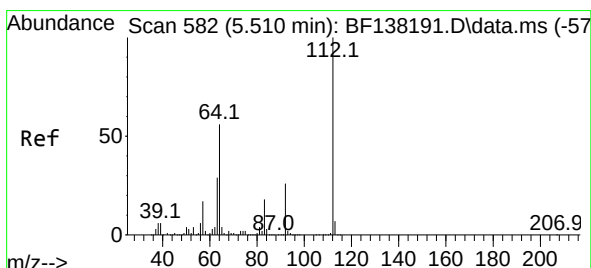
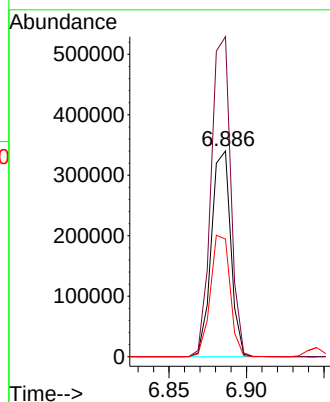
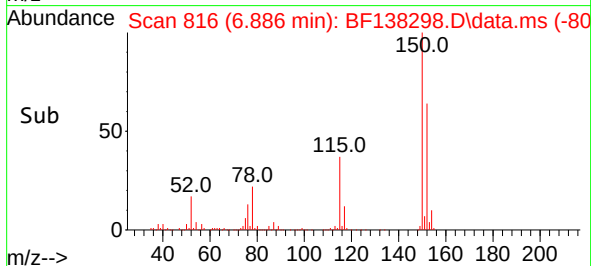
115 57.2 48.4 72.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#5

2-Fluorophenol

Concen: 81.598 ng

RT: 5.504 min Scan# 581

Delta R.T. -0.006 min

Lab File: BF138298.D

Acq: 21 Jun 2024 21:38

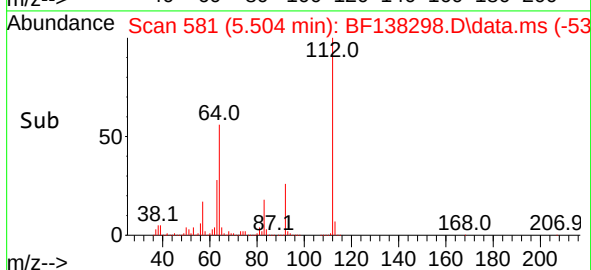
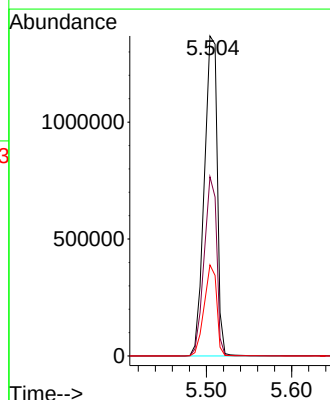
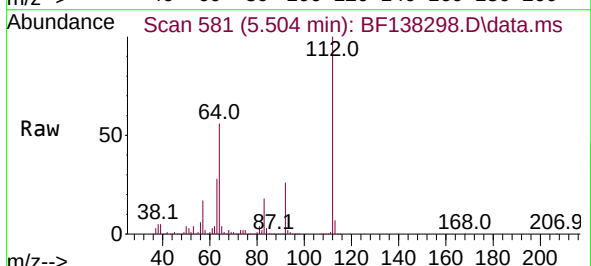
Tgt Ion:112 Resp: 1442225

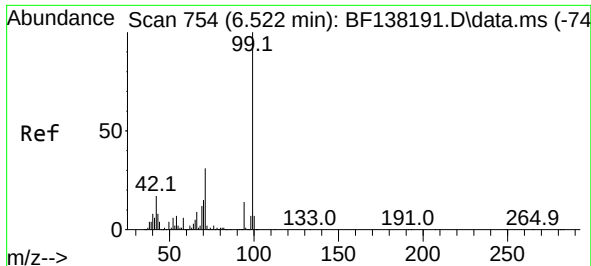
Ion Ratio Lower Upper

112 100

64 56.0 45.2 67.8

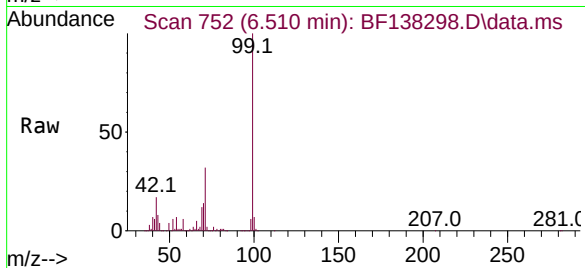
63 28.5 22.9 34.3





#7
Phenol-d6
Concen: 78.281 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138298.D
Acq: 21 Jun 2024 21:38

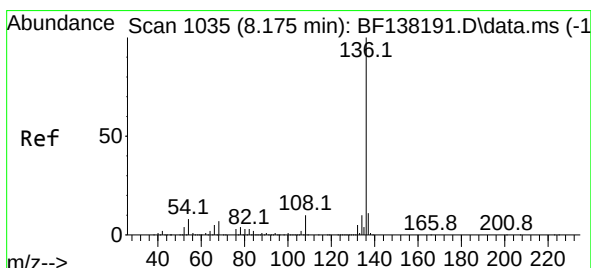
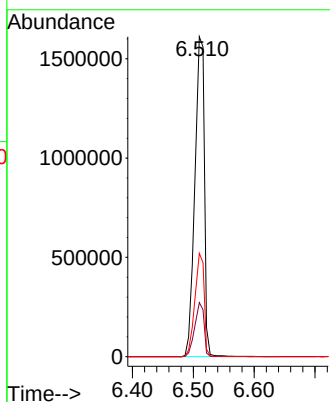
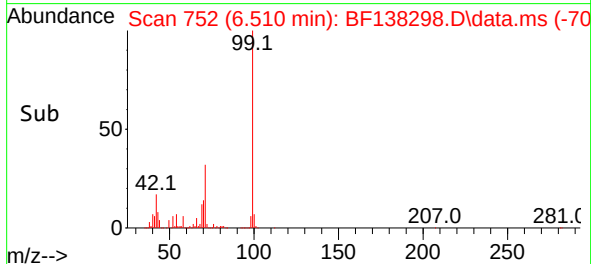
Instrument :
BNA_F
ClientSampleId :
OSTL-B1



Tgt Ion: 99 Resp: 175446
Ion Ratio Lower Upper
99 100
42 16.9 13.7 20.5
71 32.3 25.0 37.6

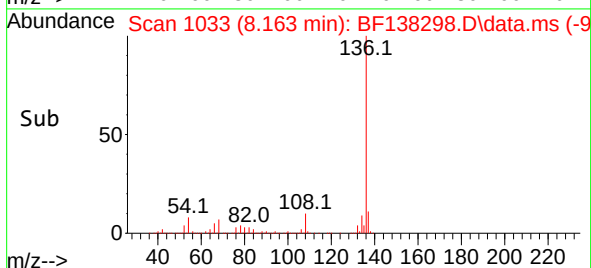
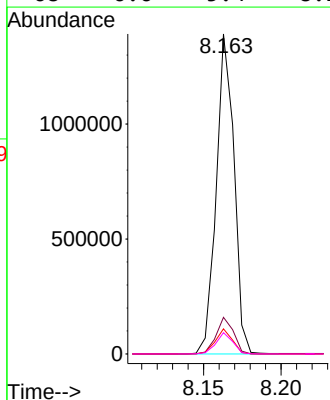
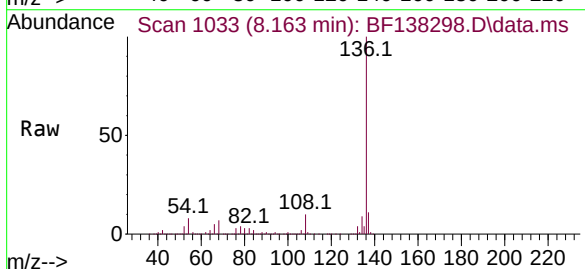
Manual Integrations
APPROVED

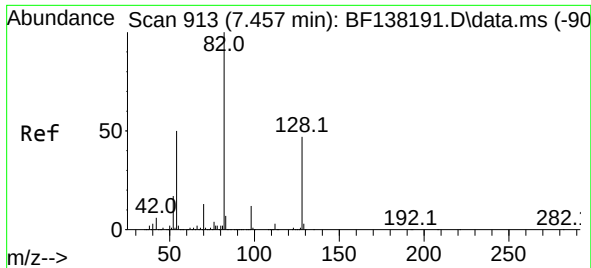
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138298.D
Acq: 21 Jun 2024 21:38

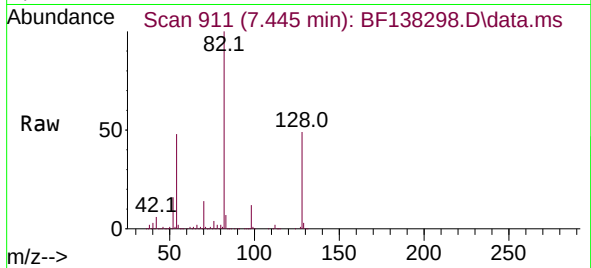
Tgt Ion:136 Resp: 1109410
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.8 6.6 10.0
68 6.6 5.4 8.2





#23
Nitrobenzene-d5
Concen: 55.351 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138298.D
Acq: 21 Jun 2024 21:38

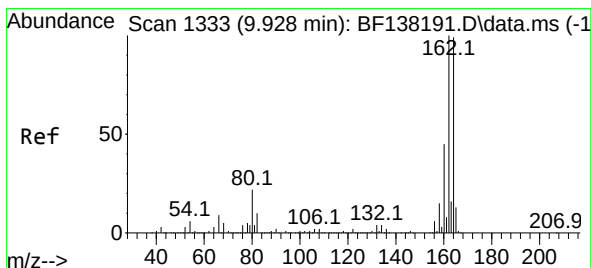
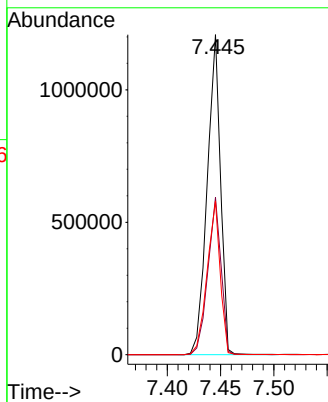
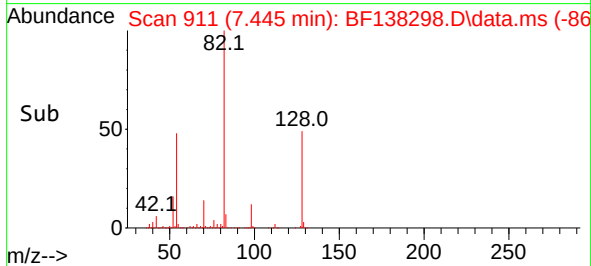
Instrument :
BNA_F
ClientSampleId :
OSTL-B1



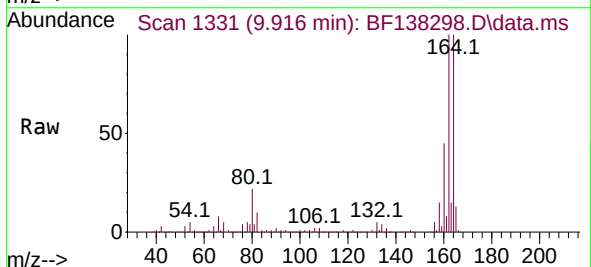
Tgt Ion: 82 Resp: 1054814
Ion Ratio Lower Upper
82 100
128 49.1 37.2 55.8
54 48.1 39.8 59.6

Manual Integrations
APPROVED

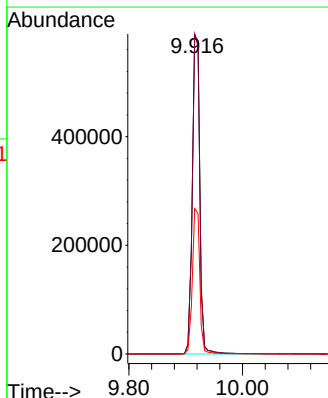
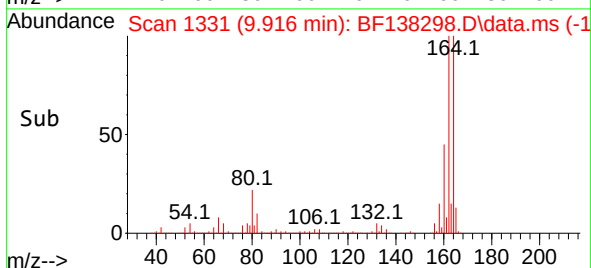
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

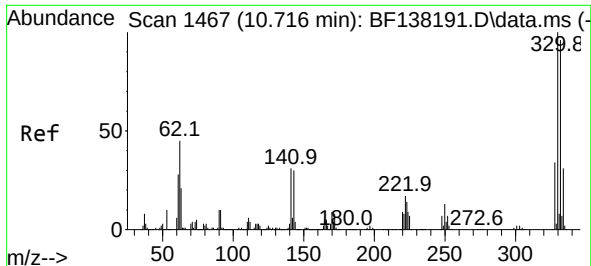


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138298.D
Acq: 21 Jun 2024 21:38



Tgt Ion:164 Resp: 540205
Ion Ratio Lower Upper
164 100
162 100.3 80.6 121.0
160 45.6 36.3 54.5





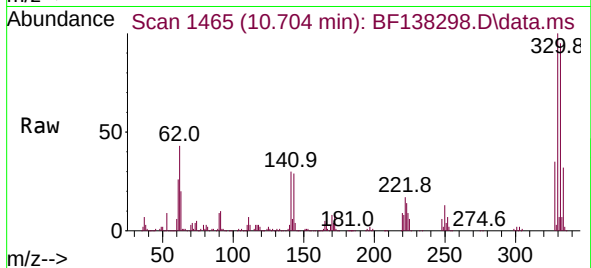
#42
2,4,6-Tribromophenol
Concen: 71.243 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138298.D
Acq: 21 Jun 2024 21:38

Instrument :

BNA_F

ClientSampleId :

OSTL-B1

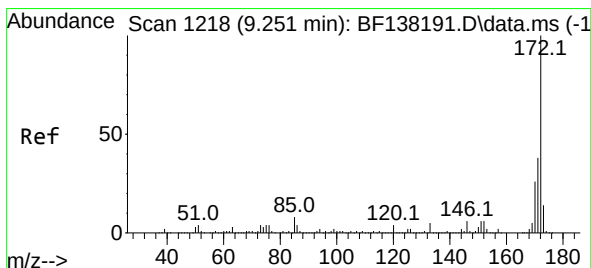
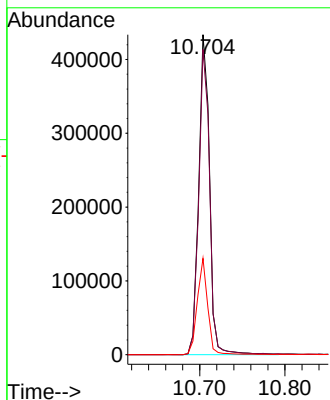
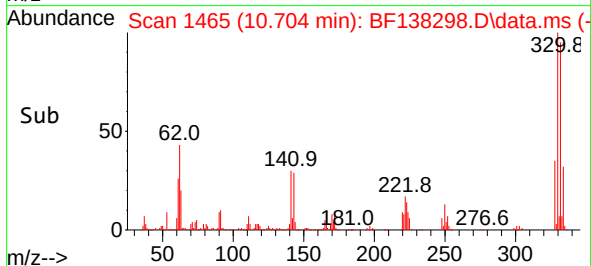


Tgt Ion:330 Resp: 383133
Ion Ratio Lower Upper
330 100
332 96.4 76.6 115.0
141 28.9 23.9 35.9

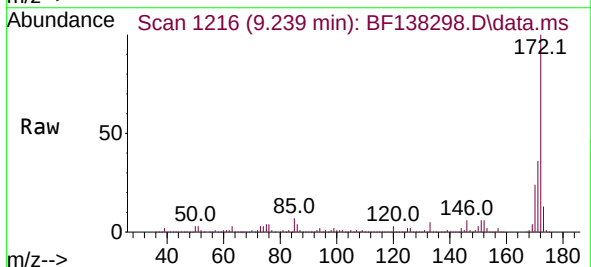
Manual Integrations

APPROVED

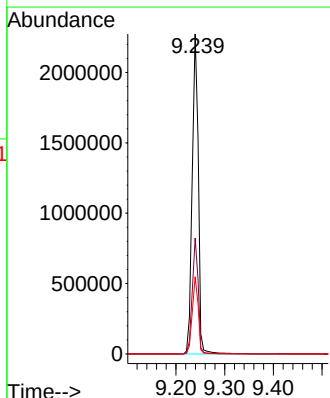
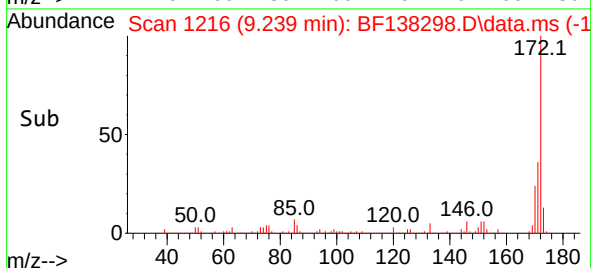
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

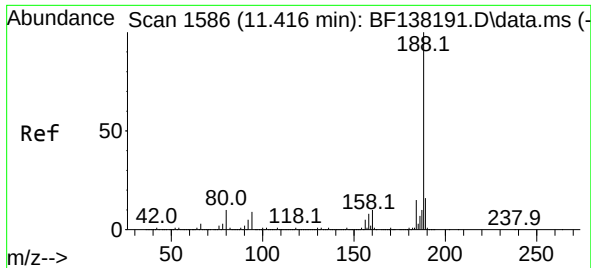


#45
2-Fluorobiphenyl
Concen: 58.700 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138298.D
Acq: 21 Jun 2024 21:38



Tgt Ion:172 Resp: 1994169
Ion Ratio Lower Upper
172 100
171 36.2 30.3 45.5
170 24.1 20.6 30.8





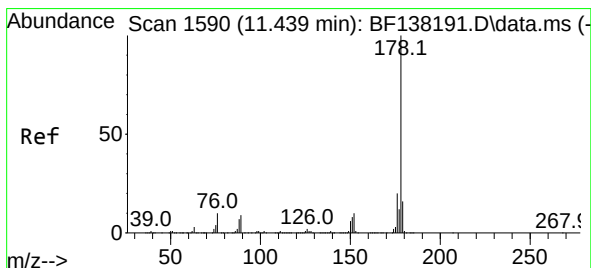
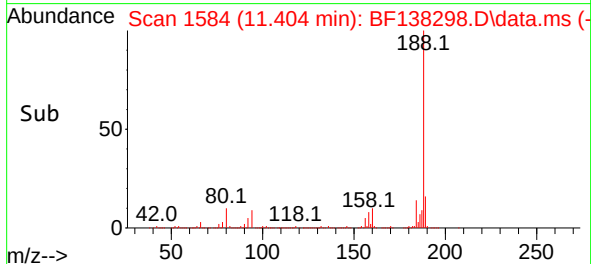
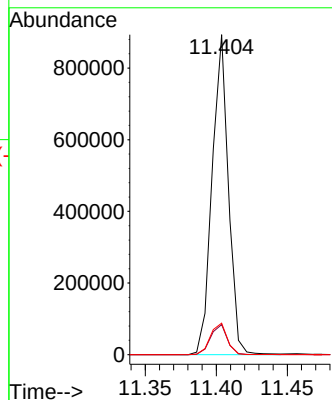
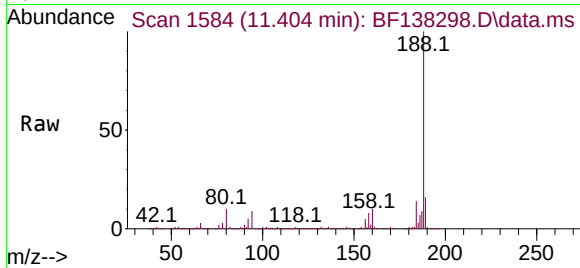
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138298.D
Acq: 21 Jun 2024 21:38

Instrument :
BNA_F
ClientSampleId :
OSTL-B1

Tgt Ion:188 Resp: 71438
Ion Ratio Lower Upper
188 100
94 9.4 7.6 11.4
80 9.9 8.1 12.1

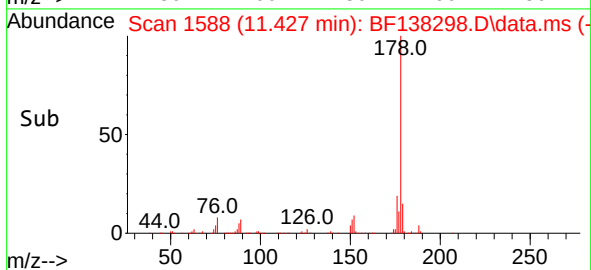
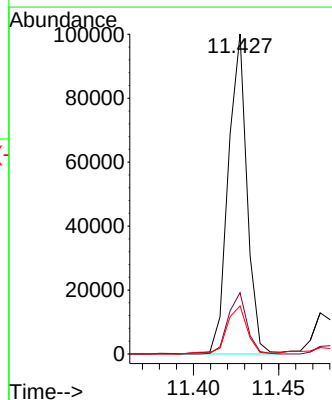
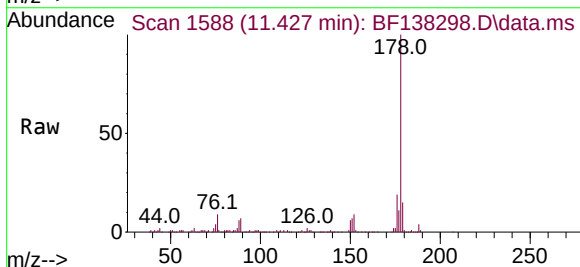
Manual Integrations
APPROVED

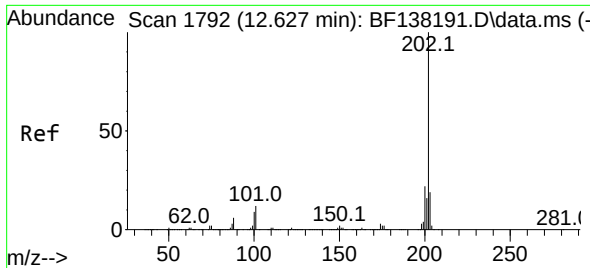
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#71
Phenanthrene
Concen: 2.169 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF138298.D
Acq: 21 Jun 2024 21:38

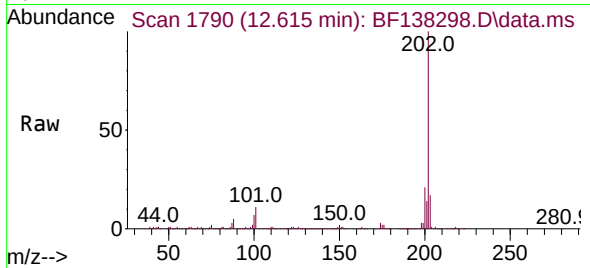
Tgt Ion:178 Resp: 76639
Ion Ratio Lower Upper
178 100
176 19.2 16.4 24.6
179 15.0 13.1 19.7





#75
Fluoranthene
Concen: 6.053 ng
RT: 12.615 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF138298.D
Acq: 21 Jun 2024 21:38

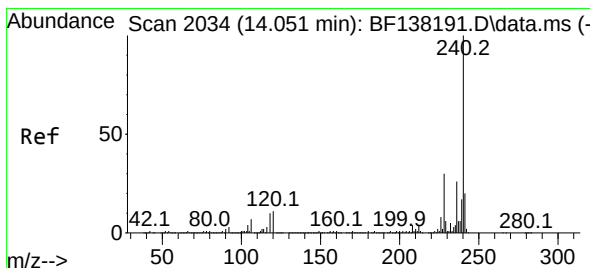
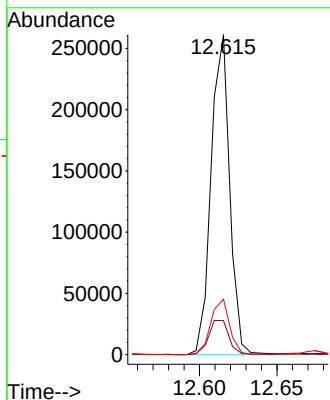
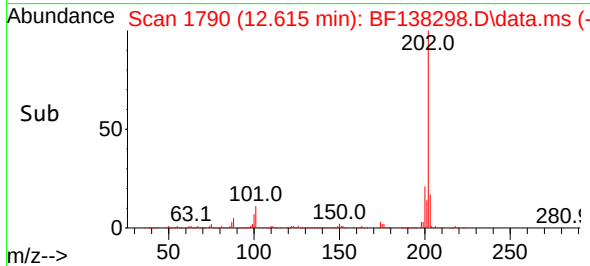
Instrument :
BNA_F
ClientSampleId :
OSTL-B1



Tgt Ion:202 Resp: 218040
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.8
203 17.3 0.0 38.6

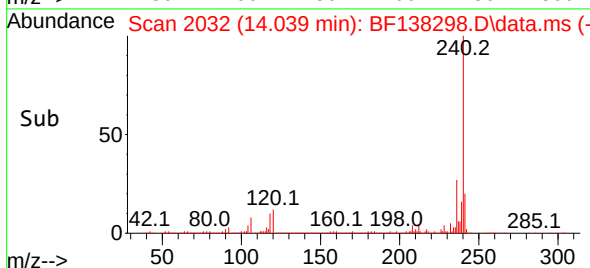
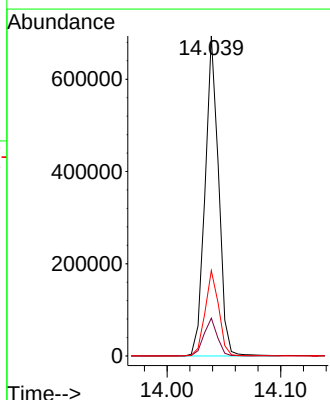
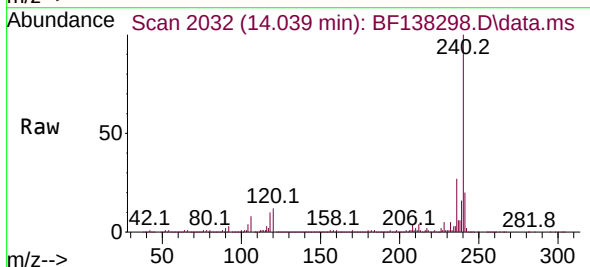
Manual Integrations
APPROVED

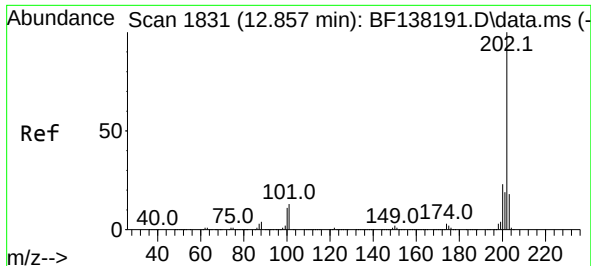
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138298.D
Acq: 21 Jun 2024 21:38

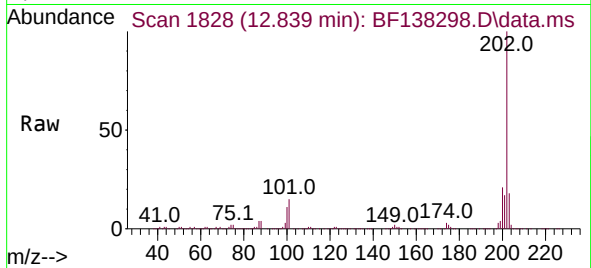
Tgt Ion:240 Resp: 573332
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 26.6 21.0 31.6





#78
Pyrene
Concen: 3.825 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.018 min
Lab File: BF138298.D
Acq: 21 Jun 2024 21:38

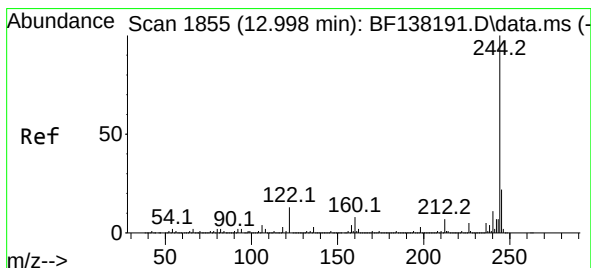
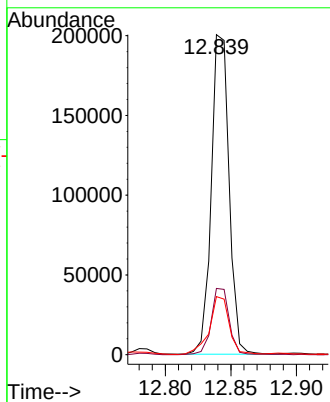
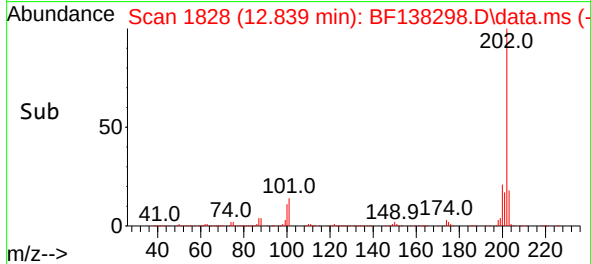
Instrument :
BNA_F
ClientSampleId :
OSTL-B1



Tgt Ion:202 Resp: 18914
Ion Ratio Lower Upper
202 100
200 20.7 18.0 27.0
203 18.1 14.7 22.1

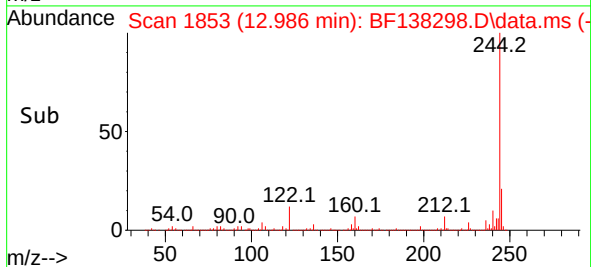
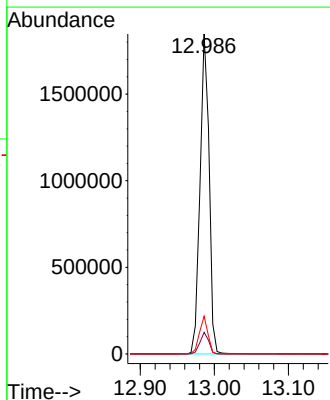
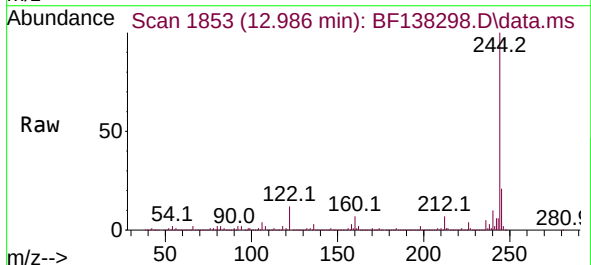
Manual Integrations
APPROVED

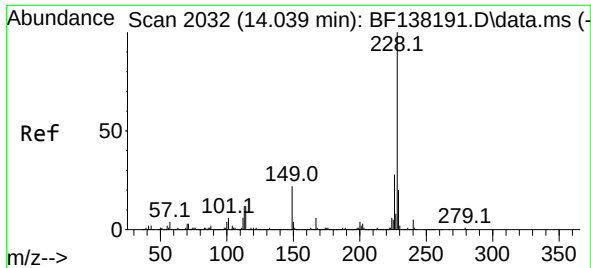
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#79
Terphenyl-d14
Concen: 43.298 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF138298.D
Acq: 21 Jun 2024 21:38

Tgt Ion:244 Resp: 1567362
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 11.8 10.6 15.8





#81
Benzo(a)anthracene
Concen: 2.993 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF138298.D
Acq: 21 Jun 2024 21:38

Instrument :

BNA_F

ClientSampleId :

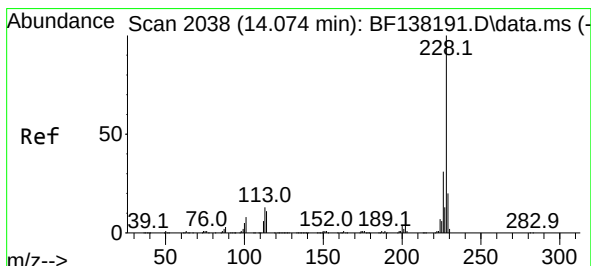
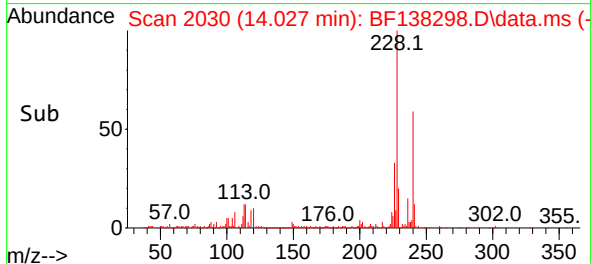
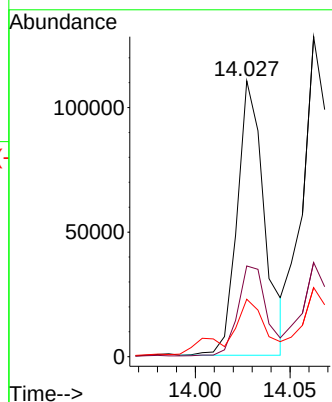
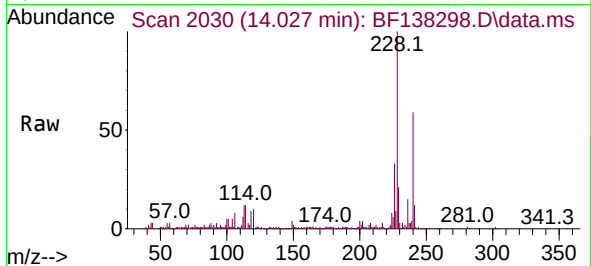
OSTL-B1

Tgt Ion:228 Resp: 110092
Ion Ratio Lower Upper
228 100
226 32.9 22.5 33.7
229 20.8 16.3 24.5

Manual Integrations

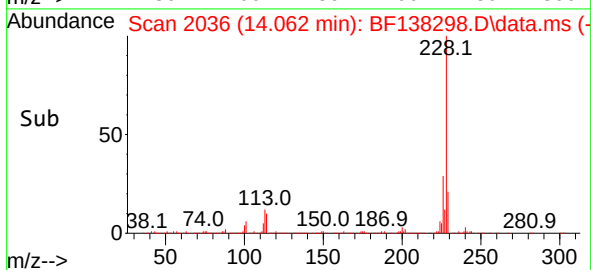
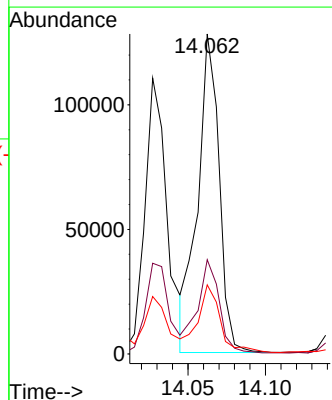
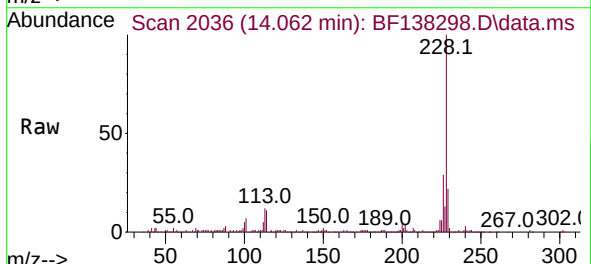
APPROVED

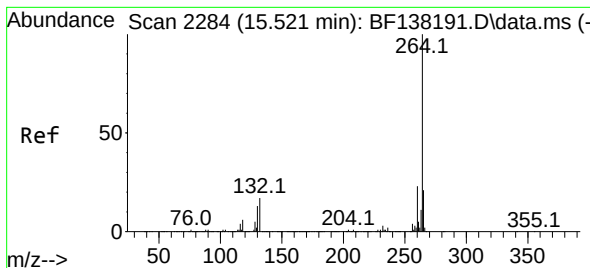
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#83
Chrysene
Concen: 3.499 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF138298.D
Acq: 21 Jun 2024 21:38

Tgt Ion:228 Resp: 122686
Ion Ratio Lower Upper
228 100
226 29.5 24.5 36.7
229 21.6 16.3 24.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138298.D
Acq: 21 Jun 2024 21:38

Instrument :

BNA_F

ClientSampleId :

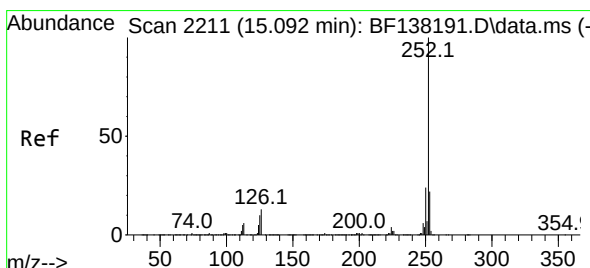
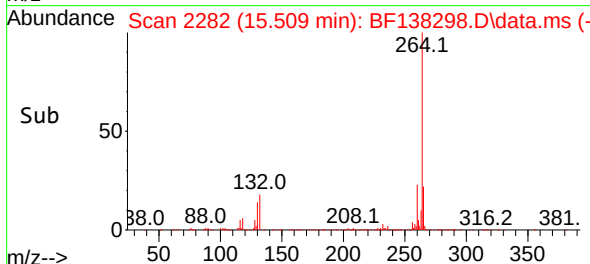
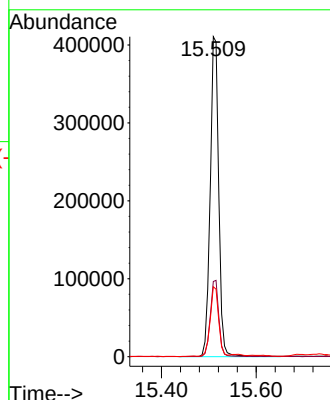
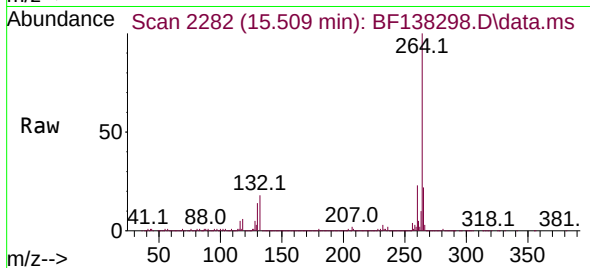
OSTL-B1

Tgt Ion:264 Resp: 51415
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.9 17.0 25.6

Manual Integrations

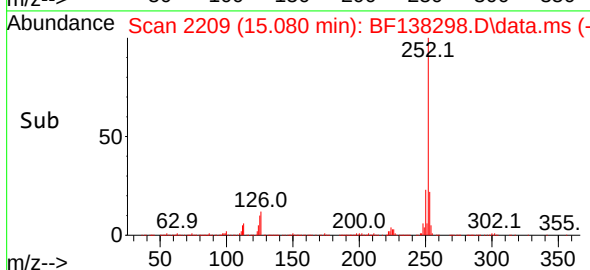
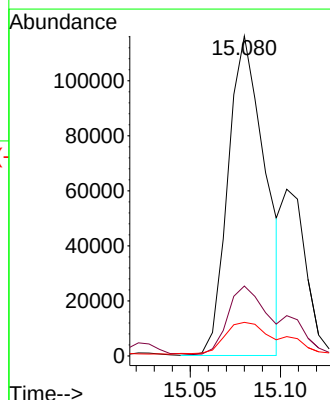
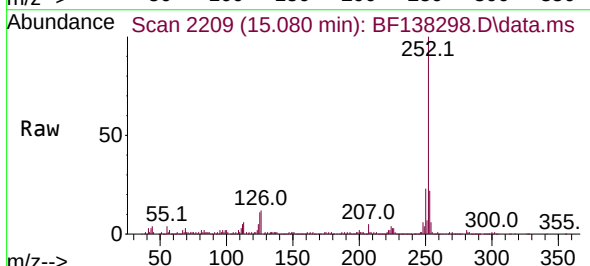
APPROVED

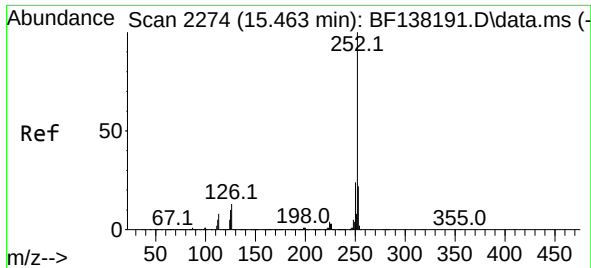
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#88
Benzo(b)fluoranthene
Concen: 5.495 ng m
RT: 15.080 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BF138298.D
Acq: 21 Jun 2024 21:38

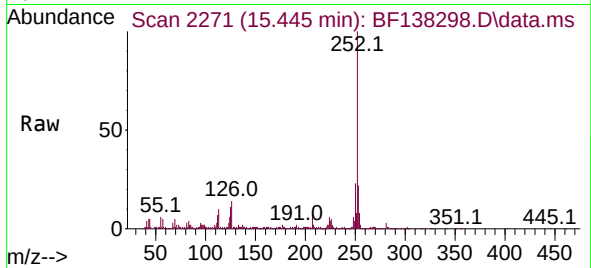
Tgt Ion:252 Resp: 166616
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 10.5 7.8 11.8





#90
Benzo(a)pyrene
Concen: 3.568 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF138298.D
Acq: 21 Jun 2024 21:38

Instrument :
BNA_F
ClientSampleId :
OSTL-B1



Tgt Ion:252 Resp: 92939
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 11.3 8.2 12.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

