

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138296.D
 Acq On : 21 Jun 2024 20:37
 Operator : CG\JU
 Sample : P2977-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-C1

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 23:02:42 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	298121	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1126936	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	564586	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	762095	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	566383	20.000	ng	-0.01
86) Perylene-d12	15.509	264	531886	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1521254	85.361	ng	0.00
7) Phenol-d6	6.510	99	1873496	82.905	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1110363	57.360	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	409172	72.799	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	2061142	58.052	ng	-0.01
79) Terphenyl-d14	12.986	244	1571323	43.940	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.427	178	100614	2.670	ng	98
75) Fluoranthene	12.616	202	173433	4.513	ng	96
78) Pyrene	12.845	202	147891	3.027	ng	96
81) Benzo(a)anthracene	14.027	228	82860	2.280	ng	96
83) Chrysene	14.063	228	82767	2.390	ng	97
88) Benzo(b)fluoranthene	15.080	252	105286m	3.357	ng	
90) Benzo(a)pyrene	15.445	252	62789	2.330	ng	# 95

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

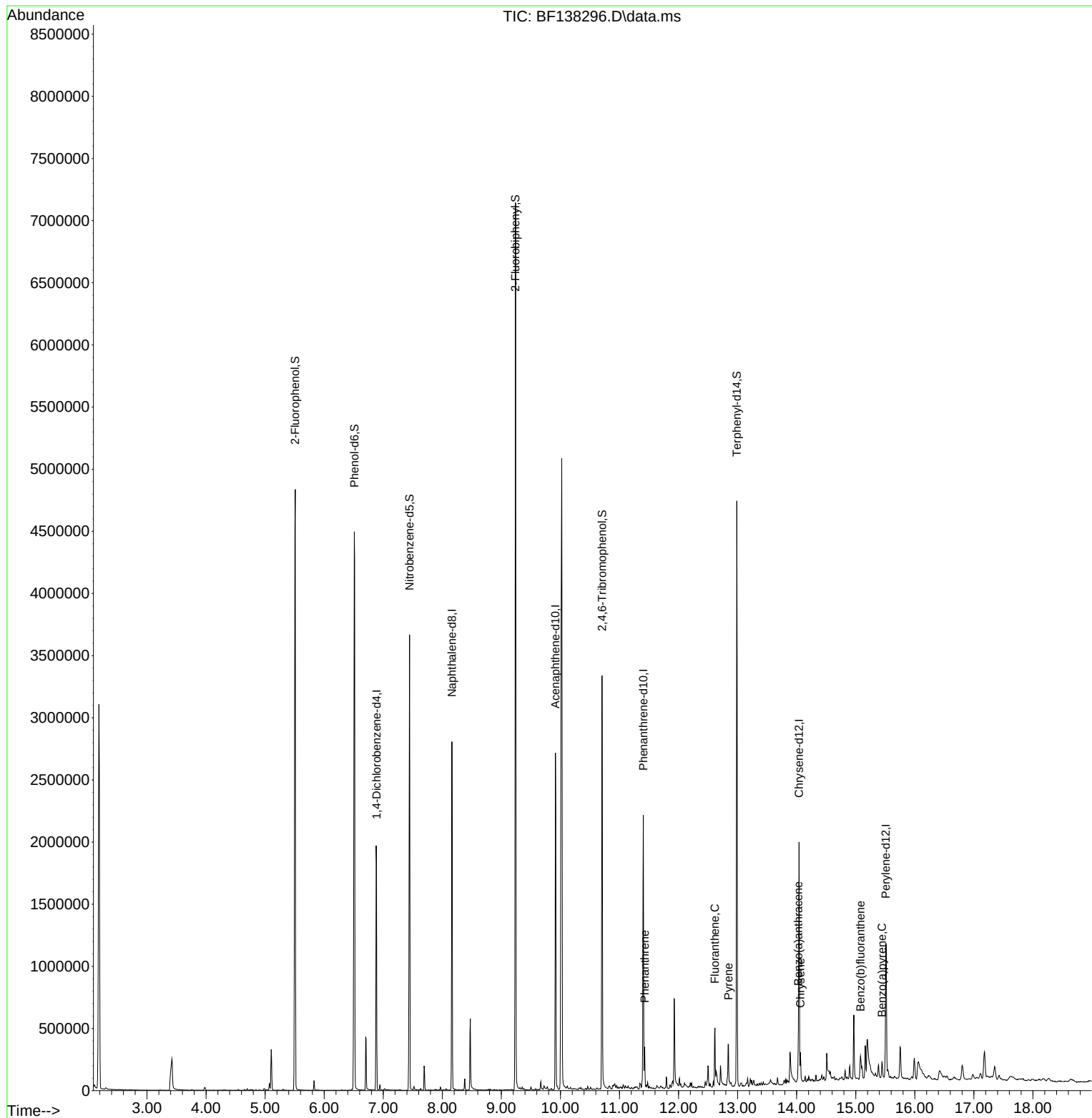
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
Data File : BF138296.D
Acq On : 21 Jun 2024 20:37
Operator : CG\JU
Sample : P2977-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

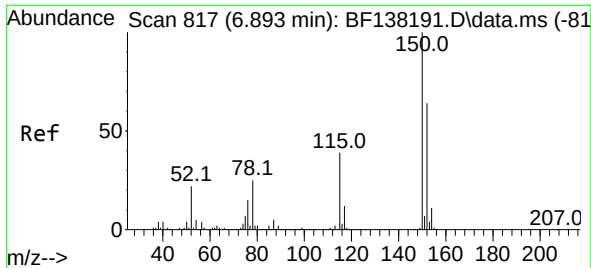
Instrument :
BNA_F
ClientSampleId :
OSTL-C1

Quant Time: Jun 21 23:02:42 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
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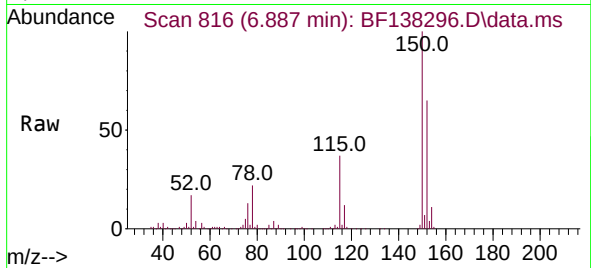
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

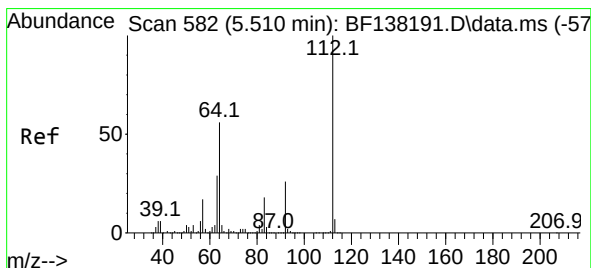
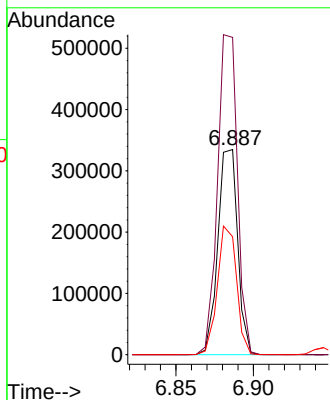
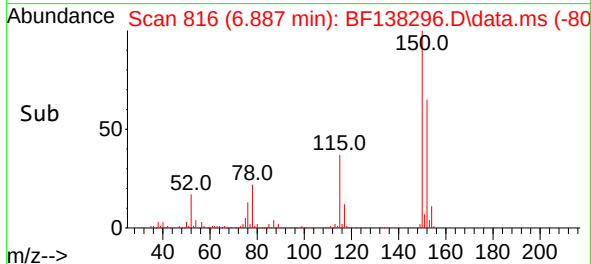
Instrument :
BNA_F
ClientSampleId :
OSTL-C1



Tgt Ion:152 Resp: 29812
Ion Ratio Lower Upper
152 100
150 154.7 125.0 187.4
115 57.5 48.4 72.6

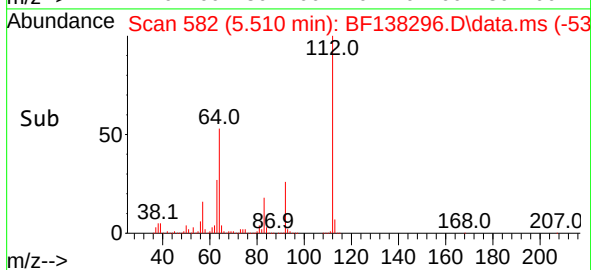
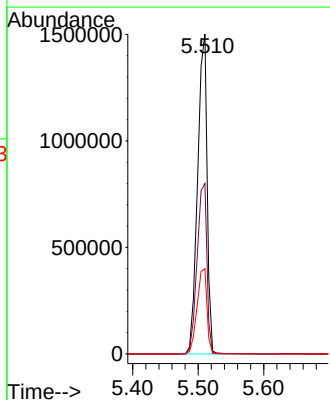
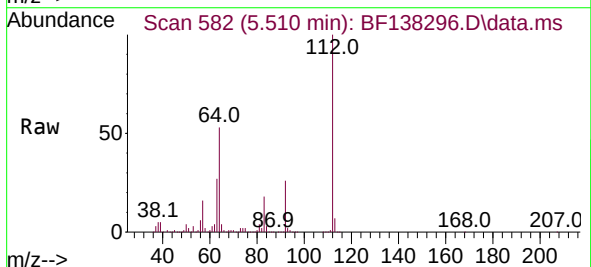
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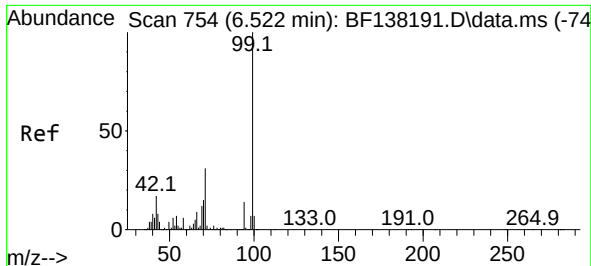
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#5
2-Fluorophenol
Concen: 85.361 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

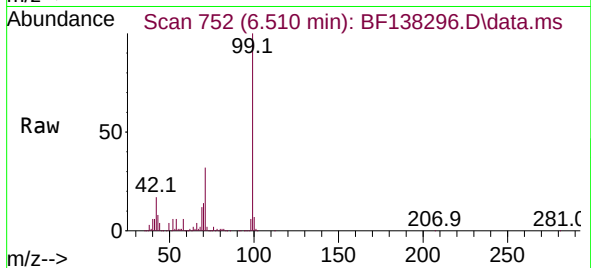
Tgt Ion:112 Resp: 1521254
Ion Ratio Lower Upper
112 100
64 53.3 45.2 67.8
63 26.7 22.9 34.3





#7
Phenol-d6
Concen: 82.905 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

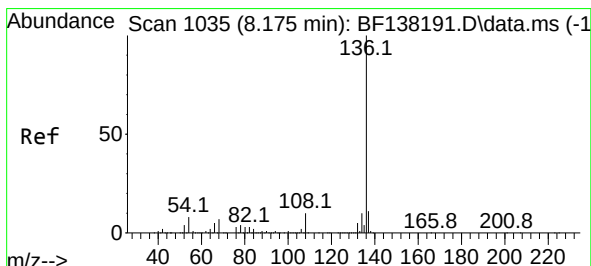
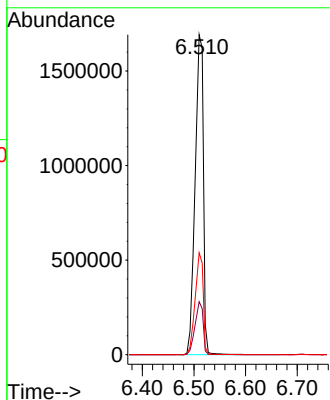
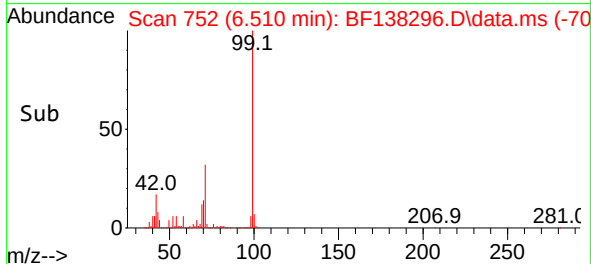
Instrument :
BNA_F
ClientSampleId :
OSTL-C1



Tgt Ion: 99 Resp: 1873490
Ion Ratio Lower Upper
99 100
42 16.6 13.7 20.5
71 31.8 25.0 37.6

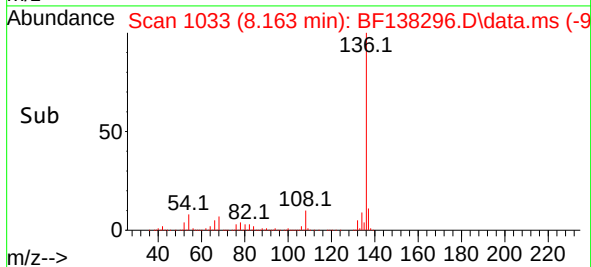
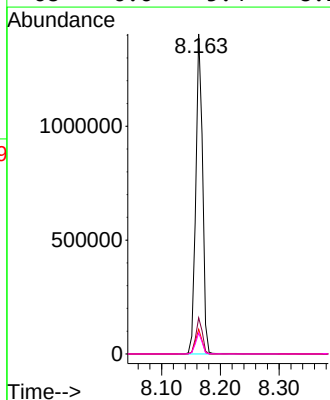
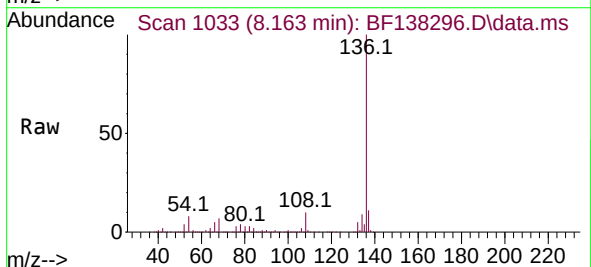
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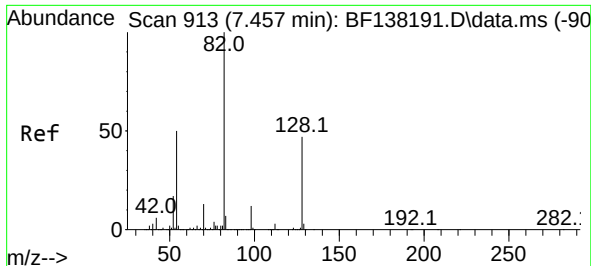
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

Tgt Ion:136 Resp: 1126936
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.7 6.6 10.0
68 6.6 5.4 8.2





#23

Nitrobenzene-d5

Concen: 57.360 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138296.D

Acq: 21 Jun 2024 20:37

Instrument :

BNA_F

ClientSampleId :

OSTL-C1

Tgt Ion: 82 Resp: 111036

Ion Ratio Lower Upper

82 100

128 47.9 37.2 55.8

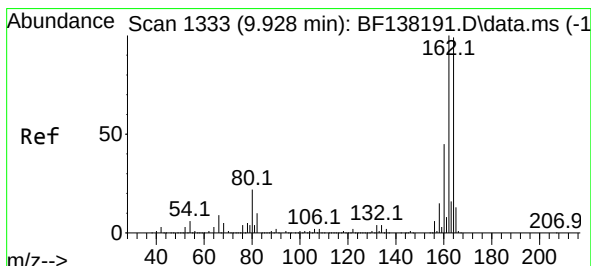
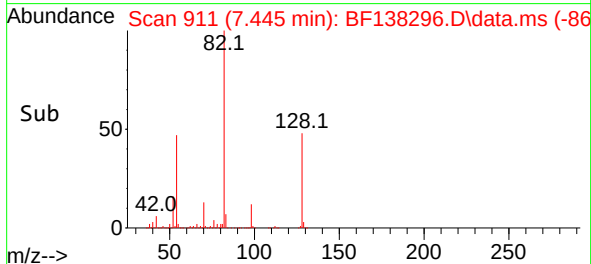
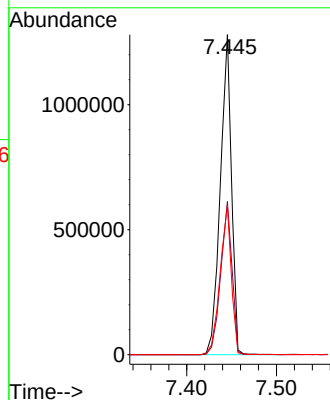
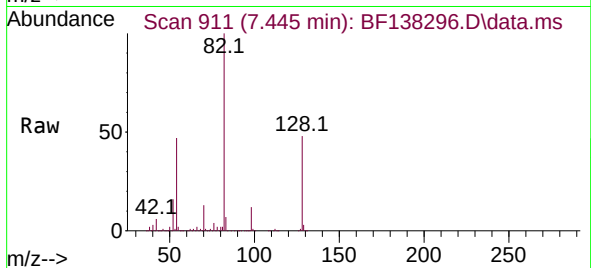
54 46.7 39.8 59.6

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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: BF138296.D

Acq: 21 Jun 2024 20:37

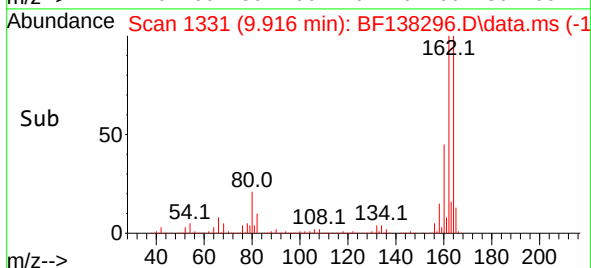
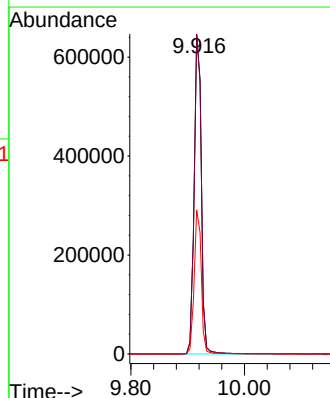
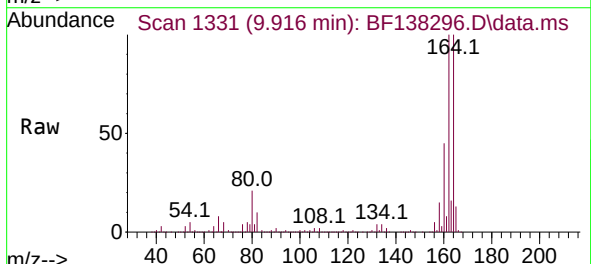
Tgt Ion:164 Resp: 564586

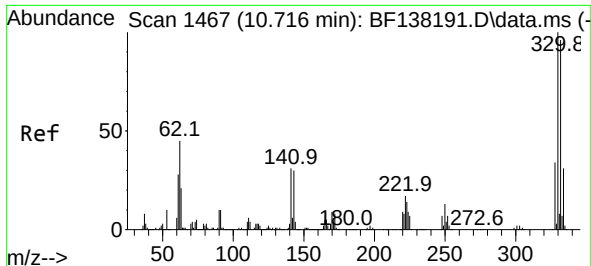
Ion Ratio Lower Upper

164 100

162 100.4 80.6 121.0

160 45.2 36.3 54.5





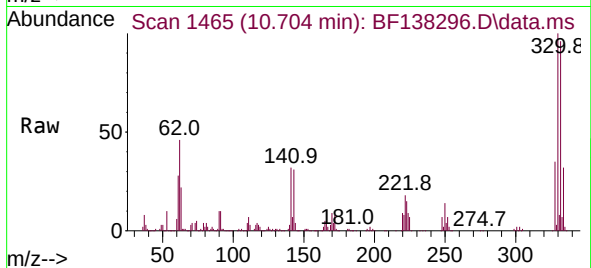
#42
 2,4,6-Tribromophenol
 Concen: 72.799 ng
 RT: 10.704 min Scan# 1465
 Delta R.T. -0.012 min
 Lab File: BF138296.D
 Acq: 21 Jun 2024 20:37

Instrument :

BNA_F

ClientSampleId :

OSTL-C1

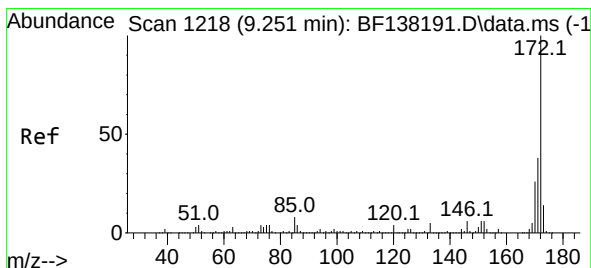
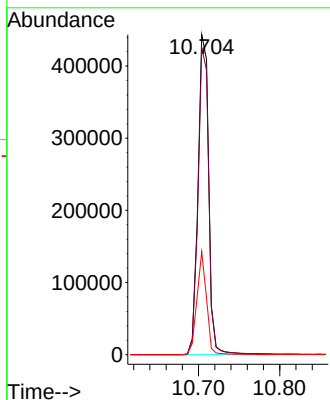
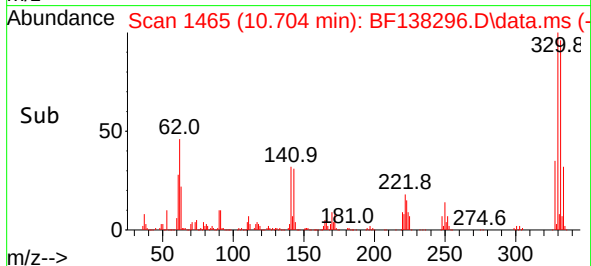


Tgt Ion:330 Resp: 409172
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 29.0 23.9 35.9

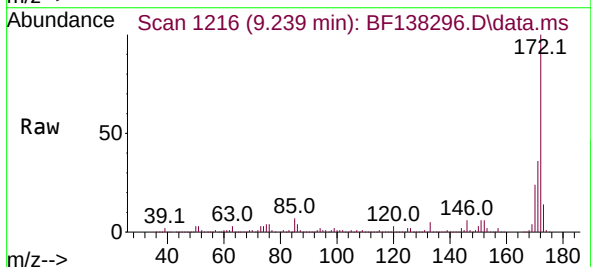
Manual Integrations

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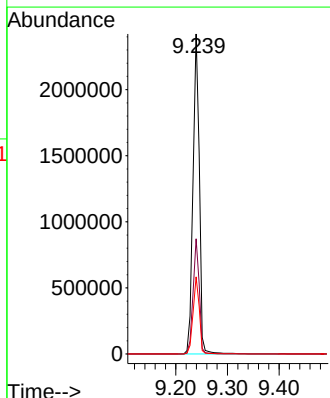
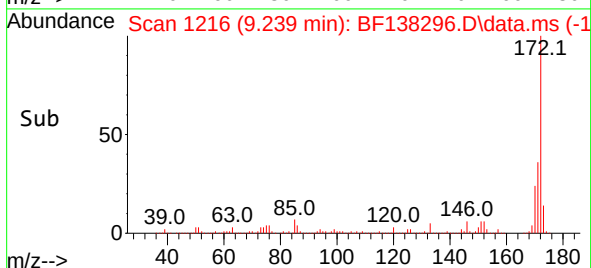
Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

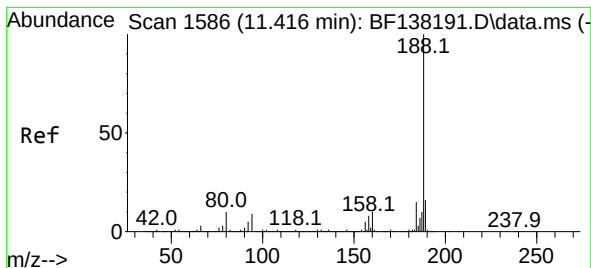


#45
 2-Fluorobiphenyl
 Concen: 58.052 ng
 RT: 9.239 min Scan# 1216
 Delta R.T. -0.012 min
 Lab File: BF138296.D
 Acq: 21 Jun 2024 20:37



Tgt Ion:172 Resp: 2061142
 Ion Ratio Lower Upper
 172 100
 171 36.0 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: BF138296.D

Acq: 21 Jun 2024 20:37

Instrument :

BNA_F

ClientSampleId :

OSTL-C1

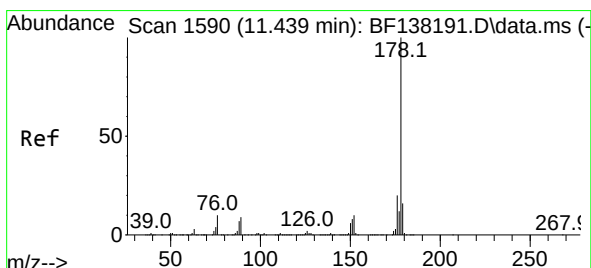
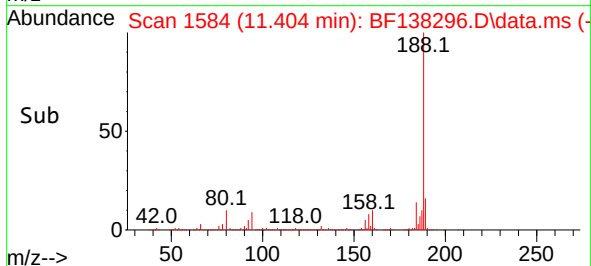
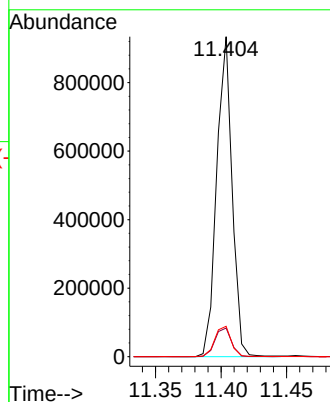
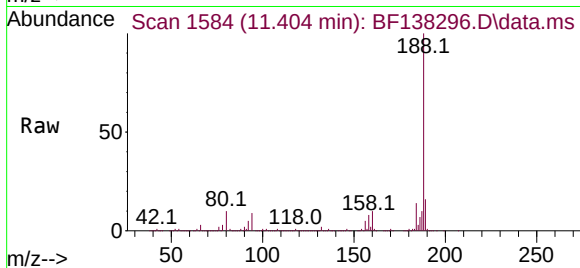
Tgt Ion:188	Resp: 76209
Ion Ratio	Lower Upper
188 100	
94 9.0	7.6 11.4
80 9.5	8.1 12.1

Manual Integrations

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Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#71

Phenanthrene

Concen: 2.670 ng

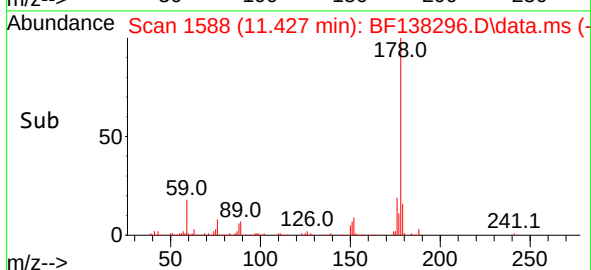
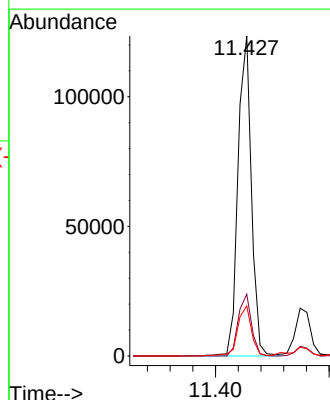
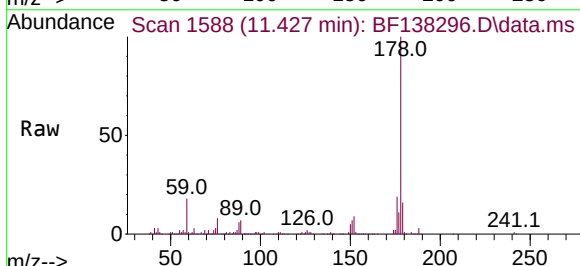
RT: 11.427 min Scan# 1588

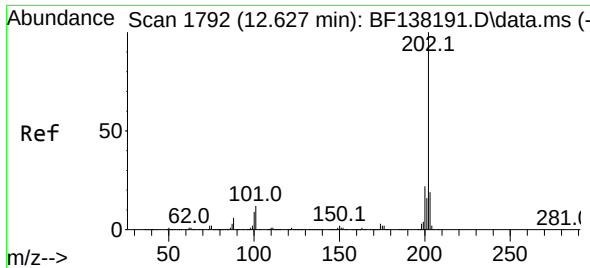
Delta R.T. -0.012 min

Lab File: BF138296.D

Acq: 21 Jun 2024 20:37

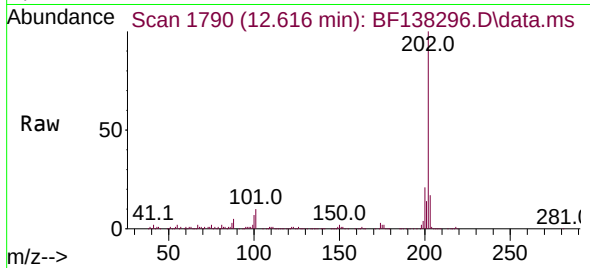
Tgt Ion:178	Resp: 100614
Ion Ratio	Lower Upper
178 100	
176 19.3	16.4 24.6
179 15.6	13.1 19.7





#75
Fluoranthene
Concen: 4.513 ng
RT: 12.616 min Scan# 1792
Delta R.T. -0.012 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

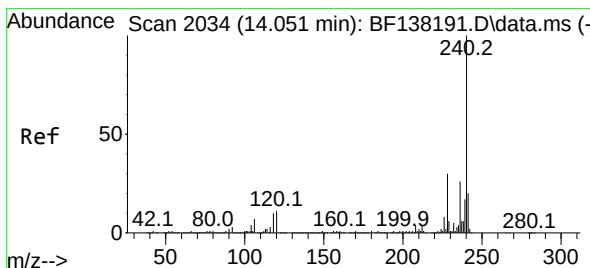
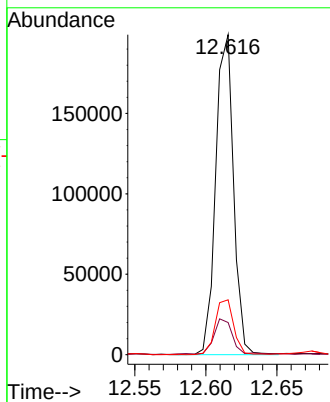
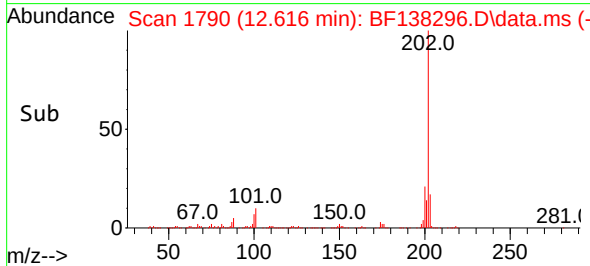
Instrument :
BNA_F
ClientSampleId :
OSTL-C1



Tgt Ion:202 Resp: 17343
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.8
203 17.2 0.0 38.6

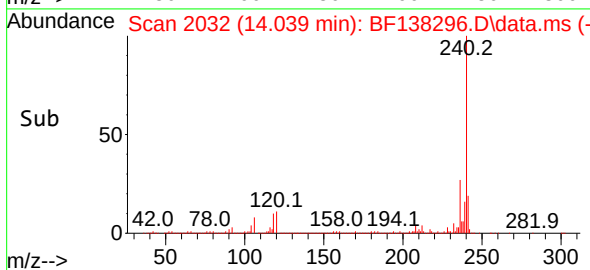
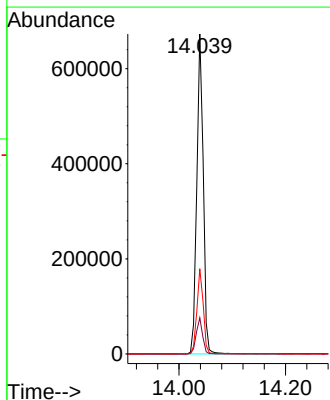
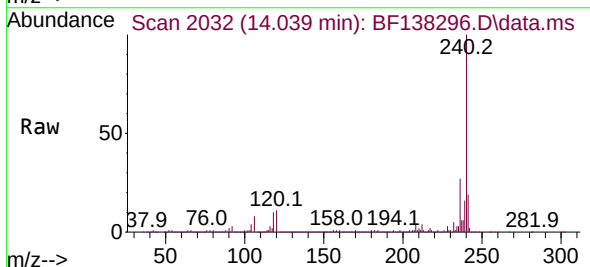
Manual Integrations
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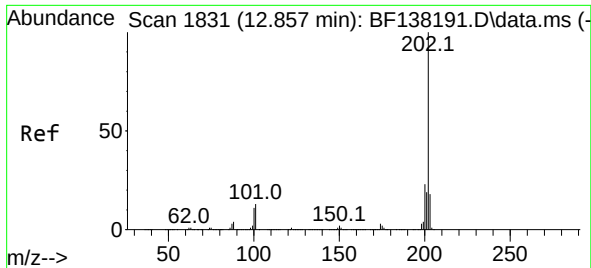
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

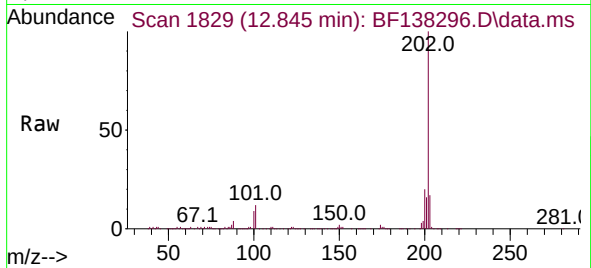
Tgt Ion:240 Resp: 566383
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 26.6 21.0 31.6





#78
Pyrene
Concen: 3.027 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

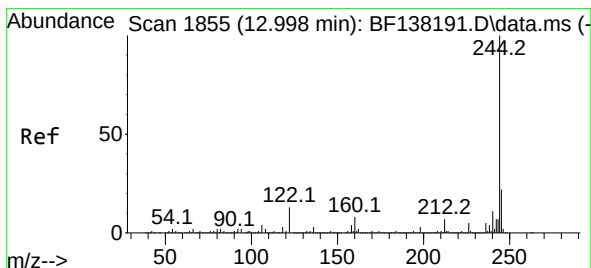
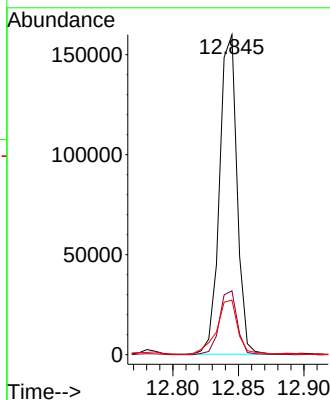
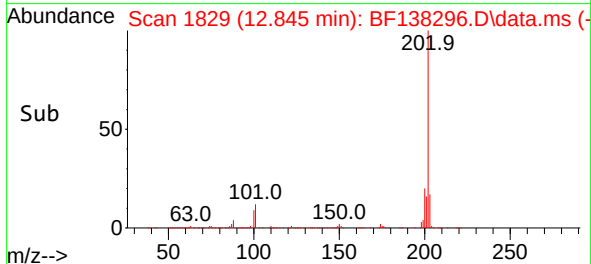
Instrument :
BNA_F
ClientSampleId :
OSTL-C1



Tgt Ion:202 Resp: 14789
Ion Ratio Lower Upper
202 100
200 20.0 18.0 27.0
203 17.0 14.7 22.1

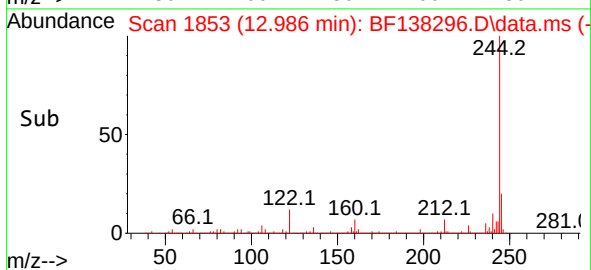
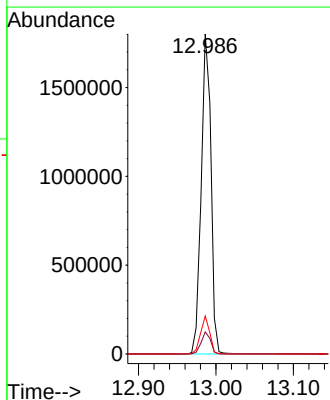
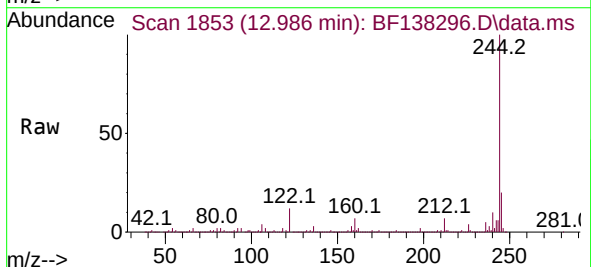
Manual Integrations
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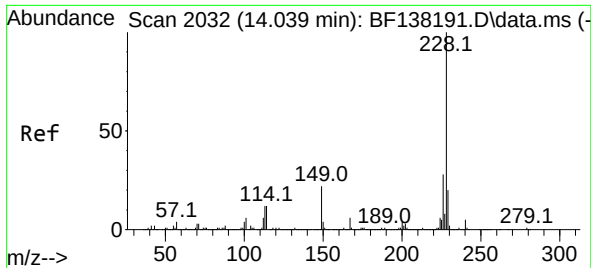
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#79
Terphenyl-d14
Concen: 43.940 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

Tgt Ion:244 Resp: 1571323
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 11.8 10.6 15.8





#81
Benzo(a)anthracene
Concen: 2.280 ng
RT: 14.027 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

Instrument :

BNA_F

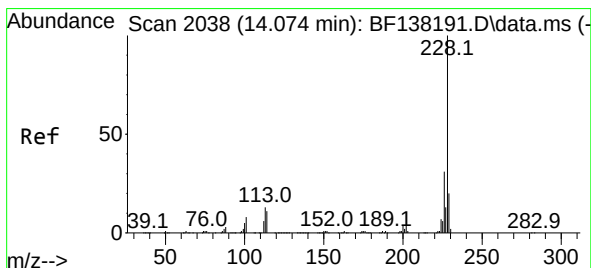
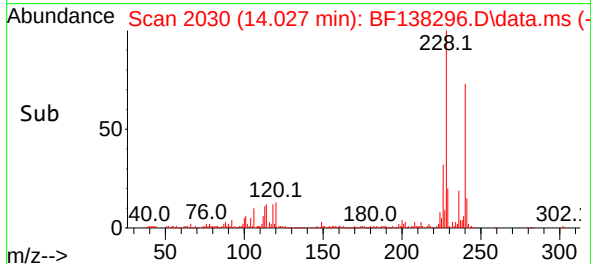
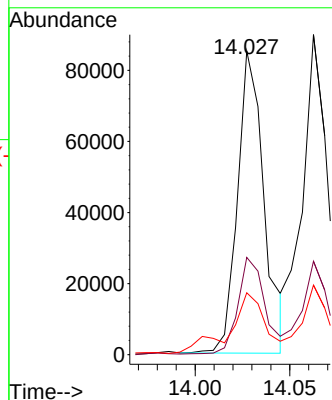
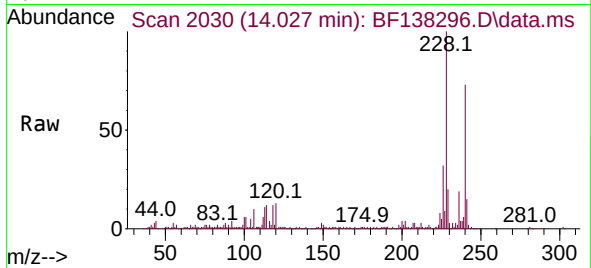
ClientSampleId :

OSTL-C1

Tgt Ion:228 Resp: 82860
Ion Ratio Lower Upper
228 100
226 32.0 22.5 33.7
229 20.4 16.3 24.5

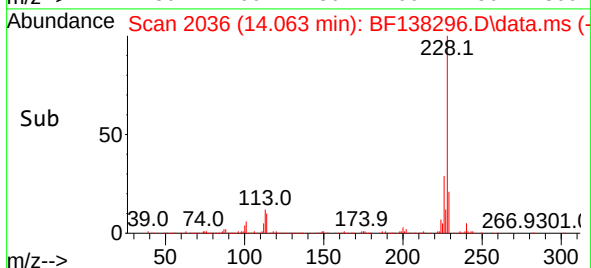
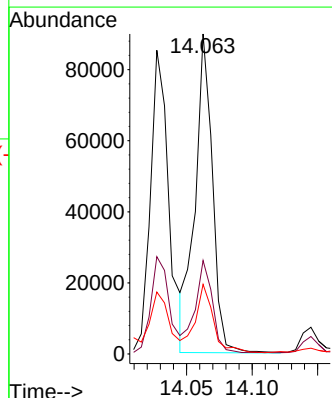
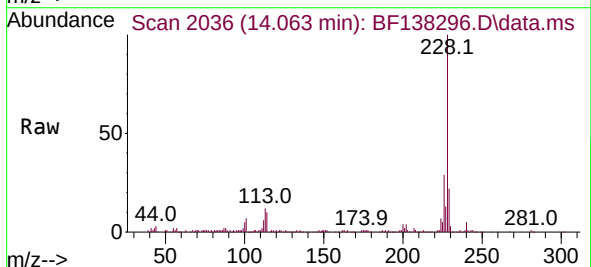
Manual Integrations
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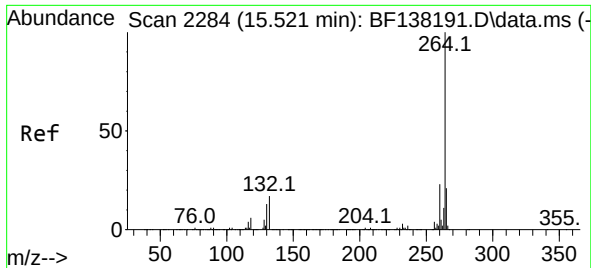
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#83
Chrysene
Concen: 2.390 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

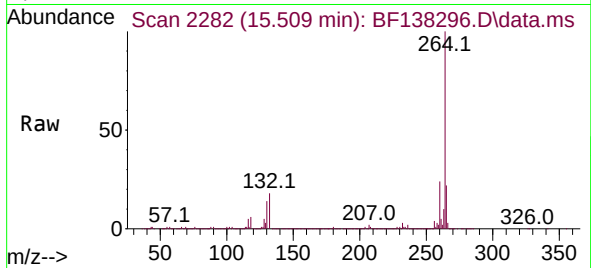
Tgt Ion:228 Resp: 82767
Ion Ratio Lower Upper
228 100
226 29.2 24.5 36.7
229 21.7 16.3 24.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

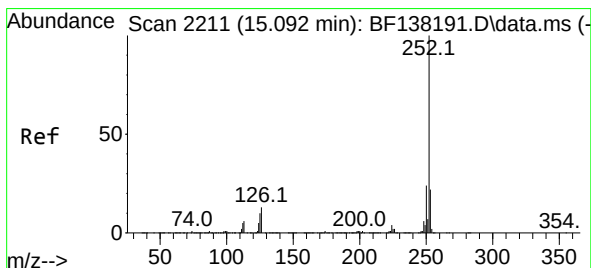
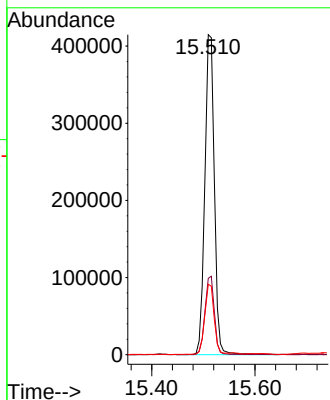
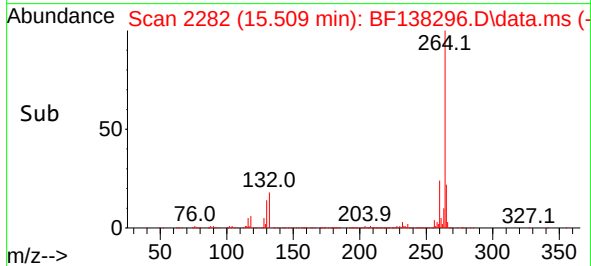
Instrument :
BNA_F
ClientSampleId :
OSTL-C1



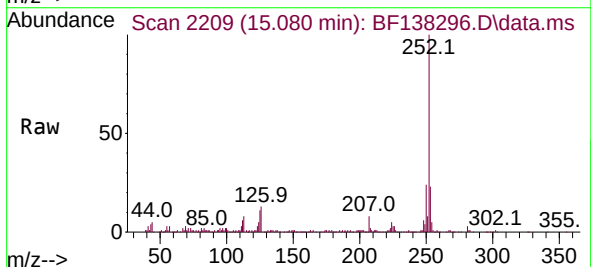
Tgt Ion:264 Resp: 531880
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 22.0 17.0 25.6

Manual Integrations
APPROVED

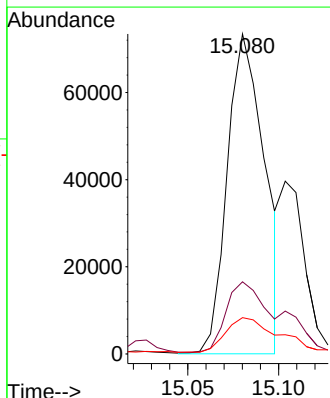
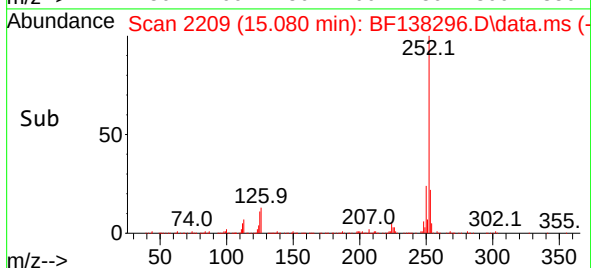
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

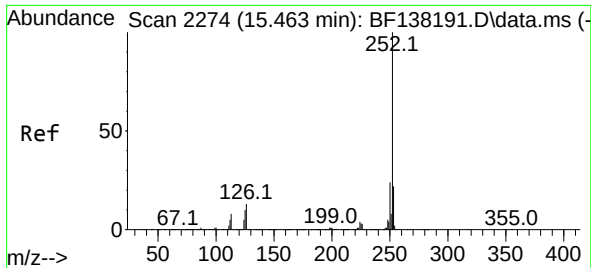


#88
Benzo(b)fluoranthene
Concen: 3.357 ng m
RT: 15.080 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37



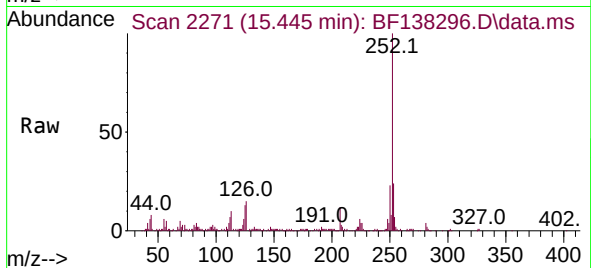
Tgt Ion:252 Resp: 105286
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 11.3 7.8 11.8





#90
Benzo(a)pyrene
Concen: 2.330 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

Instrument :
BNA_F
ClientSampleId :
OSTL-C1



Tgt Ion:252 Resp: 62789
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 12.7 8.2 12.2

Manual Integrations
APPROVED

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

