

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138299.D
 Acq On : 21 Jun 2024 22:08
 Operator : CG\JU
 Sample : P2977-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-D1

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 23:03:40 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	6.881	152	290969	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1085537	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	524248	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	696729	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	565977	20.000	ng	-0.01
86) Perylene-d12	15.510	264	443319	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1443092	82.966	ng	0.00
7) Phenol-d6	6.516	99	1803049	81.748	ng	0.00
23) Nitrobenzene-d5	7.445	82	1057825	56.730	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	375091	71.870	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1912365	58.006	ng	-0.01
79) Terphenyl-d14	12.986	244	1606142	44.946	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.428	178	72903	2.116	ng	98
75) Fluoranthene	12.616	202	219151	6.237	ng	97
78) Pyrene	12.845	202	192131	3.936	ng	98
81) Benzo(a)anthracene	14.027	228	112878	3.109	ng	94
83) Chrysene	14.063	228	121726	3.517	ng	96
88) Benzo(b)fluoranthene	15.080	252	143443m	5.487	ng	
90) Benzo(a)pyrene	15.445	252	80266	3.574	ng	98

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

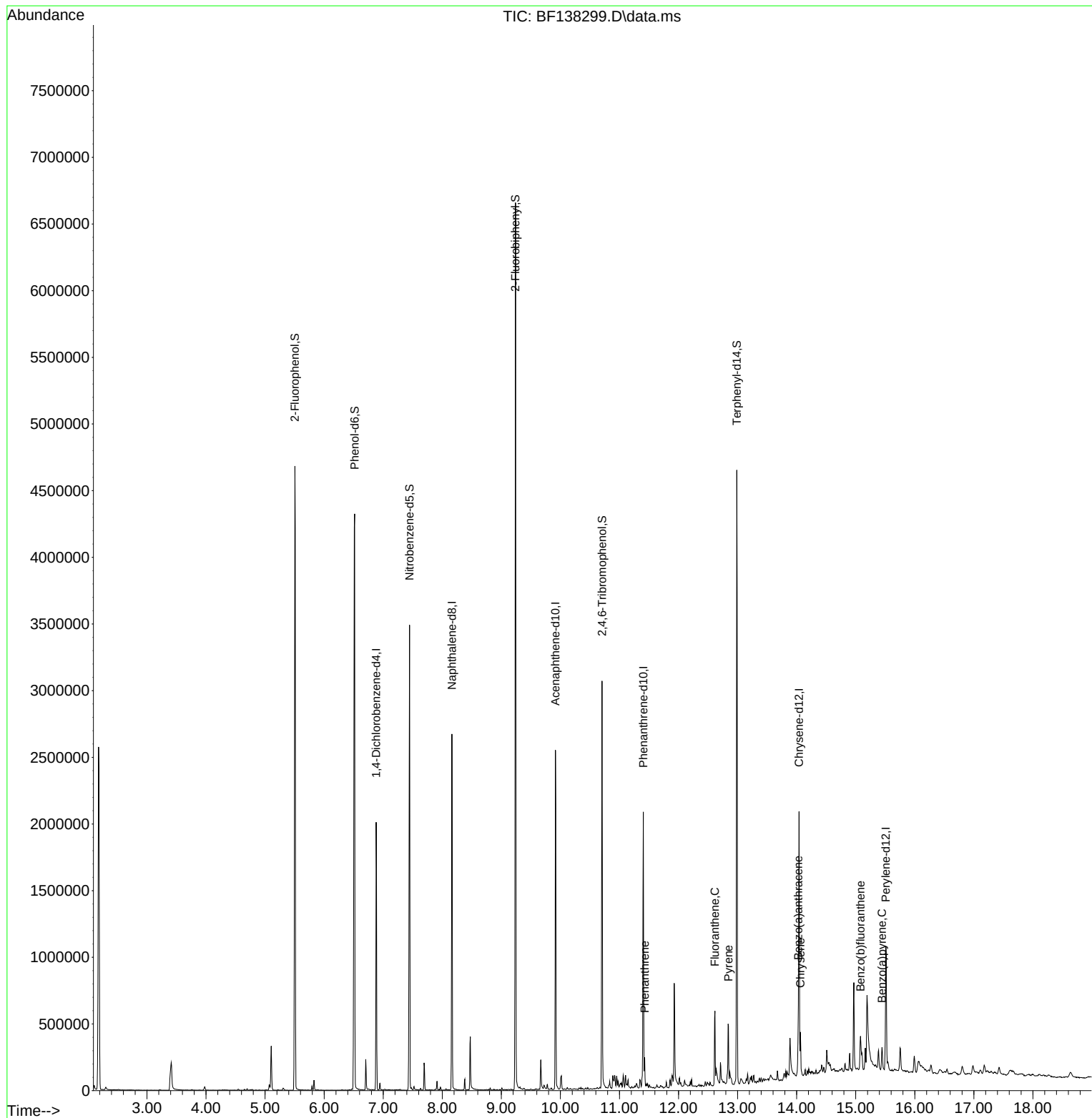
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
Data File : BF138299.D
Acq On : 21 Jun 2024 22:08
Operator : CG\JU
Sample : P2977-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

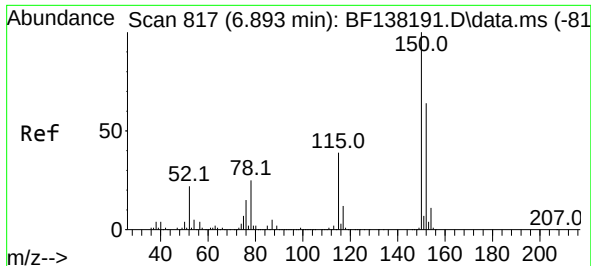
Instrument :
BNA_F
ClientSampleId :
OSTL-D1

Quant Time: Jun 21 23:03:40 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

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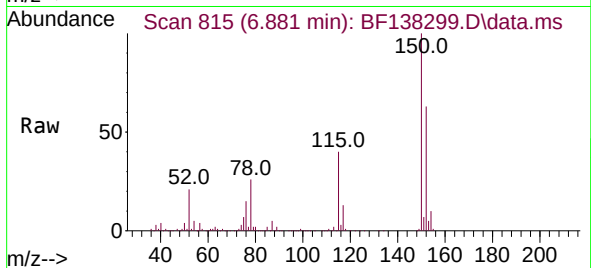
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

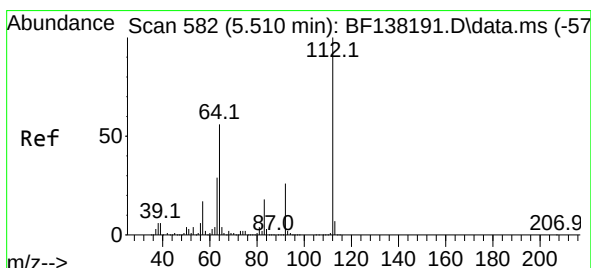
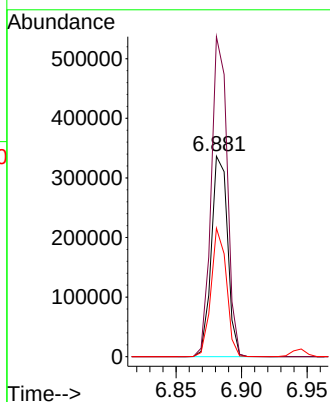
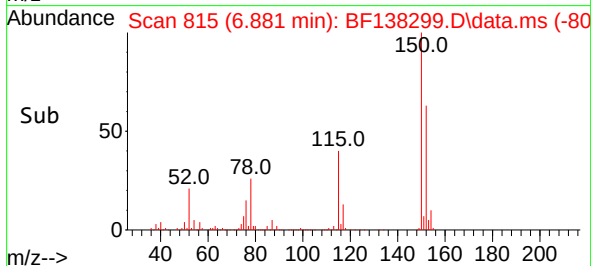
Instrument :
BNA_F
ClientSampleId :
OSTL-D1



Tgt Ion:152 Resp: 290969
Ion Ratio Lower Upper
152 100
150 159.6 125.0 187.4
115 64.1 48.4 72.6

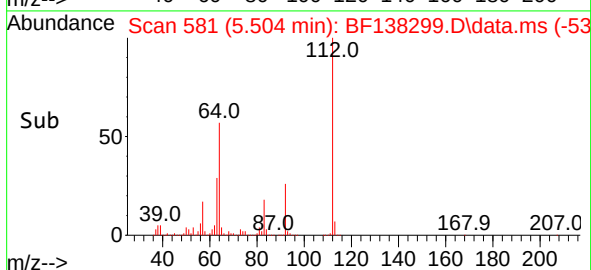
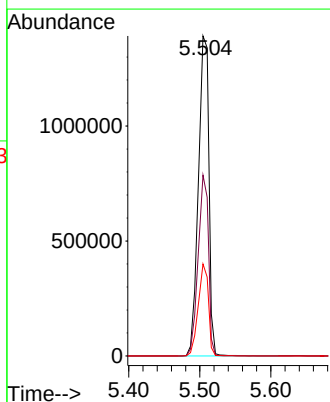
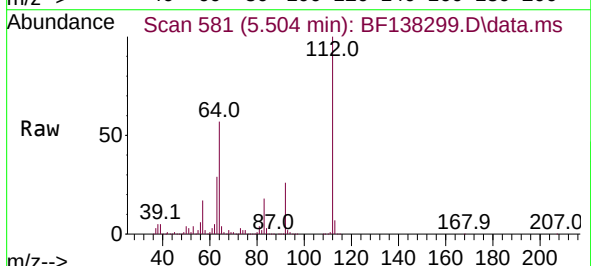
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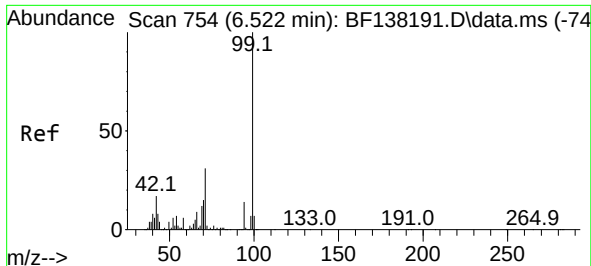
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#5
2-Fluorophenol
Concen: 82.966 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

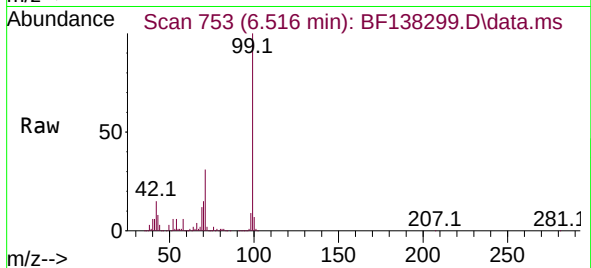
Tgt Ion:112 Resp: 1443092
Ion Ratio Lower Upper
112 100
64 56.5 45.2 67.8
63 28.8 22.9 34.3





#7
Phenol-d6
Concen: 81.748 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

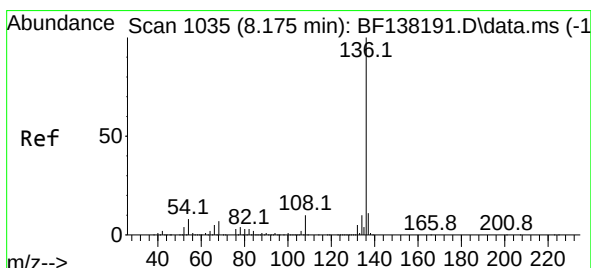
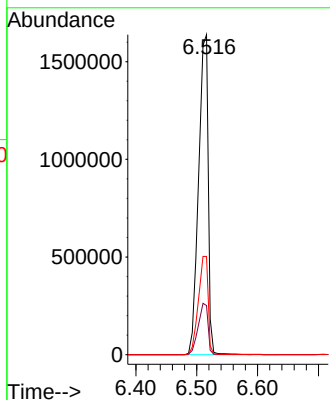
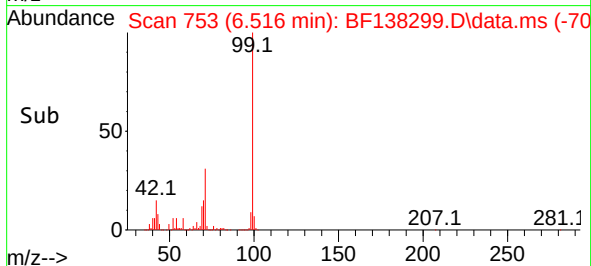
Instrument :
BNA_F
ClientSampleId :
OSTL-D1



Tgt Ion: 99 Resp: 1803049
Ion Ratio Lower Upper
99 100
42 15.4 13.7 20.5
71 30.7 25.0 37.6

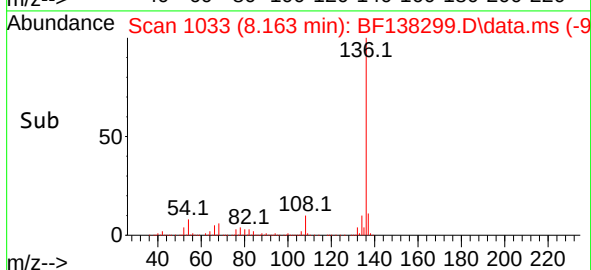
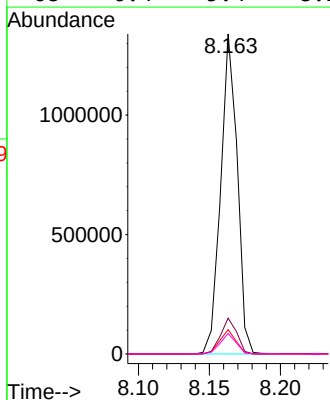
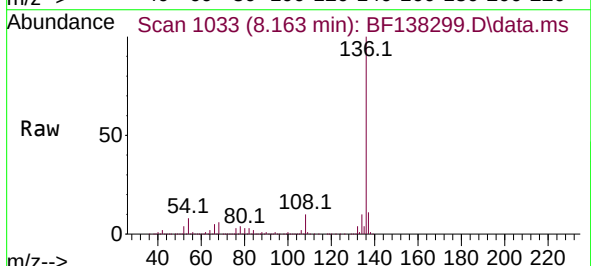
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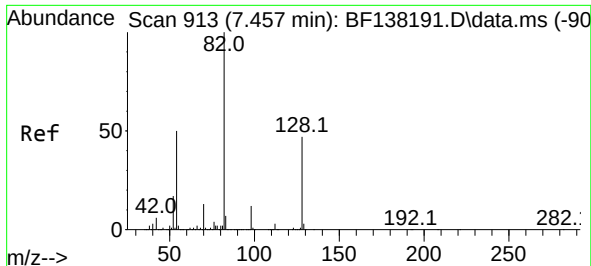
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

Tgt Ion:136 Resp: 1085537
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.6 6.6 10.0
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 56.730 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138299.D

Acq: 21 Jun 2024 22:08

Instrument :

BNA_F

ClientSampleId :

OSTL-D1

Tgt Ion: 82 Resp: 105782

Ion Ratio Lower Upper

82 100

128 49.0 37.2 55.8

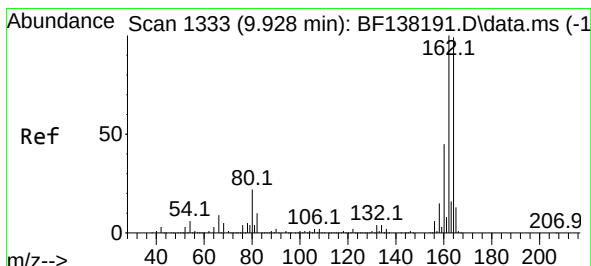
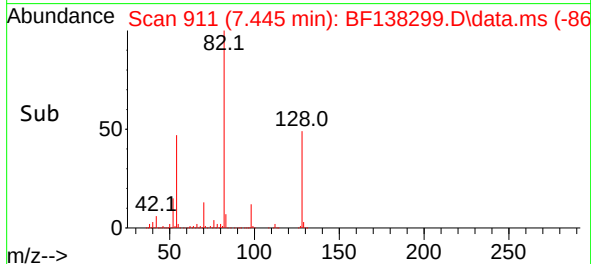
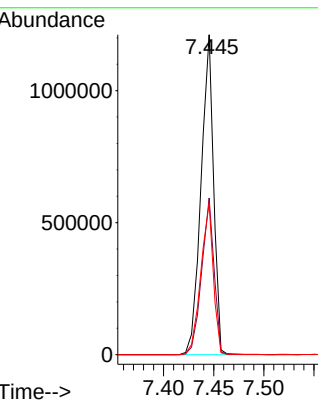
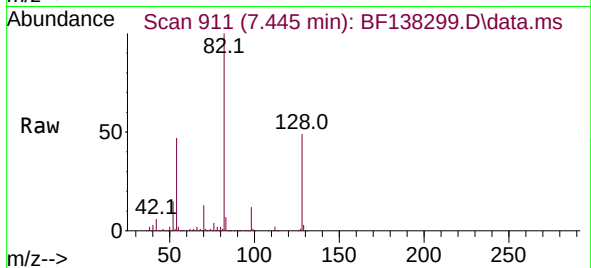
54 47.3 39.8 59.6

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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: BF138299.D

Acq: 21 Jun 2024 22:08

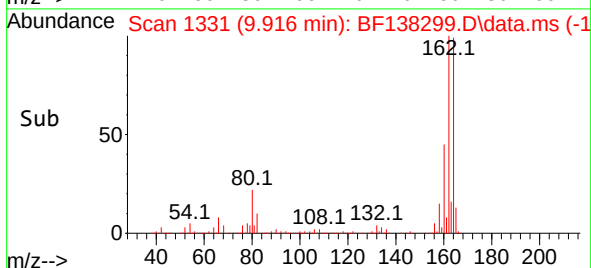
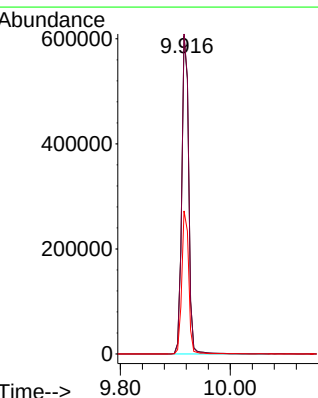
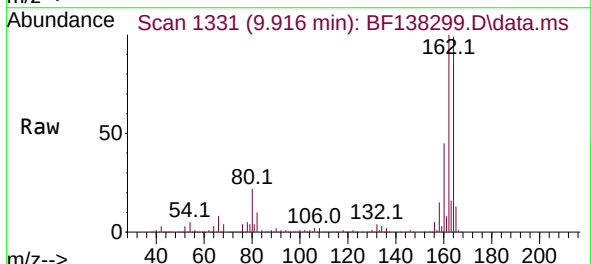
Tgt Ion:164 Resp: 524248

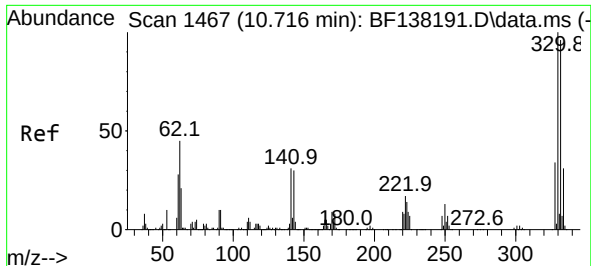
Ion Ratio Lower Upper

164 100

162 100.6 80.6 121.0

160 45.0 36.3 54.5





#42
2,4,6-Tribromophenol
Concen: 71.870 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

Instrument :

BNA_F

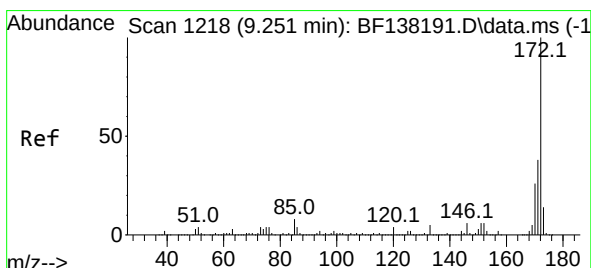
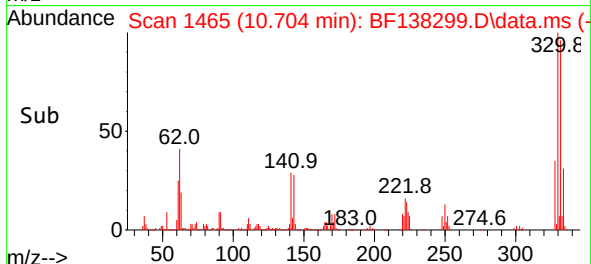
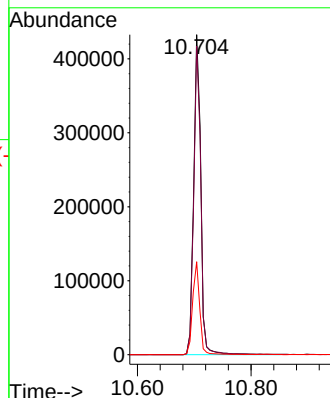
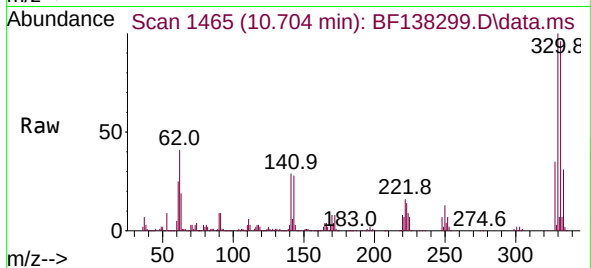
ClientSampleId :

OSTL-D1

Tgt Ion:330 Resp: 37509
Ion Ratio Lower Upper
330 100
332 96.1 76.6 115.0
141 29.0 23.9 35.9

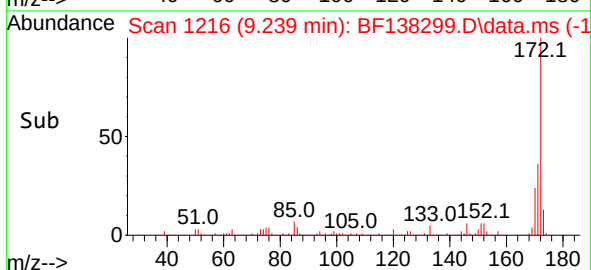
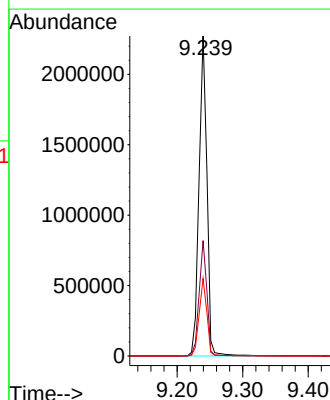
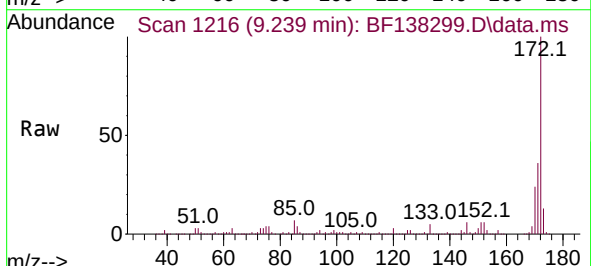
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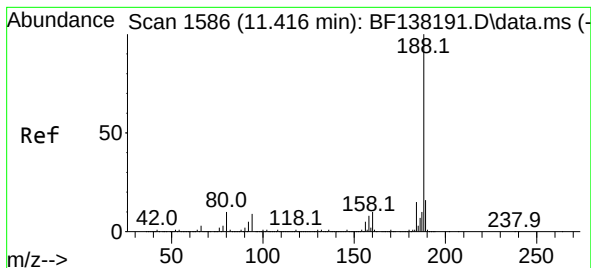
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#45
2-Fluorobiphenyl
Concen: 58.006 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

Tgt Ion:172 Resp: 1912365
Ion Ratio Lower Upper
172 100
171 36.0 30.3 45.5
170 24.2 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: BF138299.D

Acq: 21 Jun 2024 22:08

Instrument :

BNA_F

ClientSampleId :

OSTL-D1

Tgt Ion:188 Resp: 696729

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

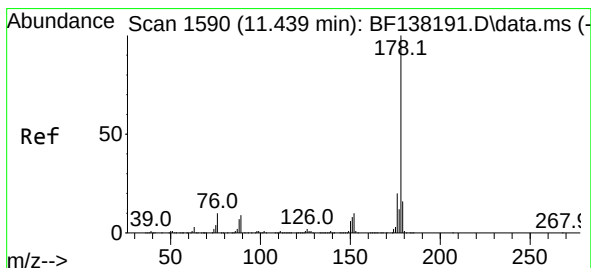
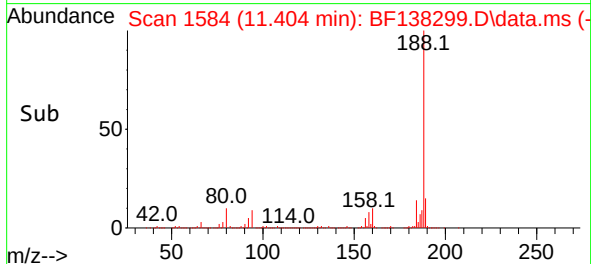
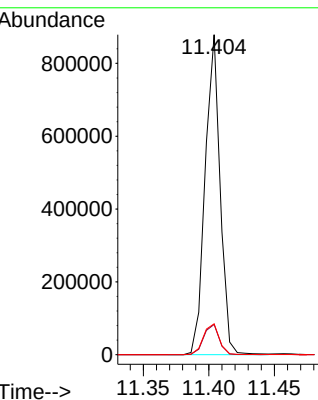
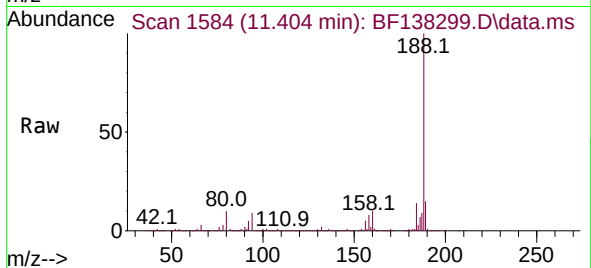
80 9.7 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#71

Phenanthrene

Concen: 2.116 ng

RT: 11.428 min Scan# 1588

Delta R.T. -0.012 min

Lab File: BF138299.D

Acq: 21 Jun 2024 22:08

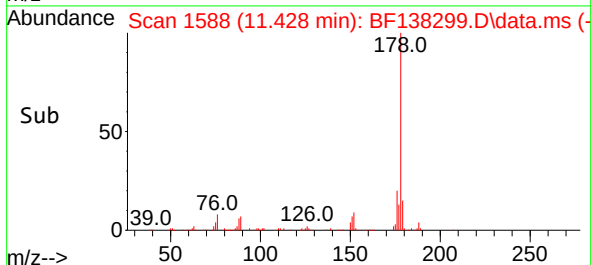
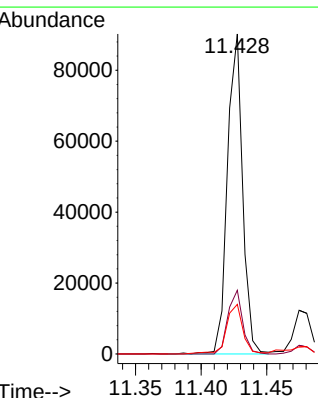
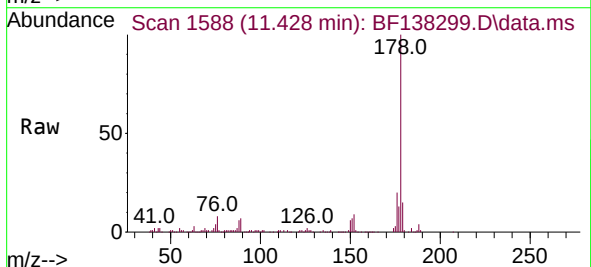
Tgt Ion:178 Resp: 72903

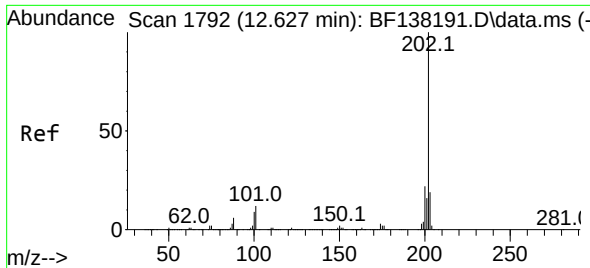
Ion Ratio Lower Upper

178 100

176 19.9 16.4 24.6

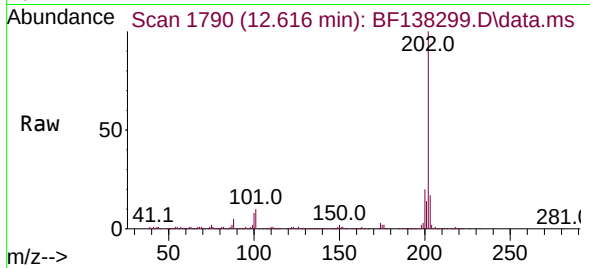
179 15.5 13.1 19.7





#75
Fluoranthene
Concen: 6.237 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

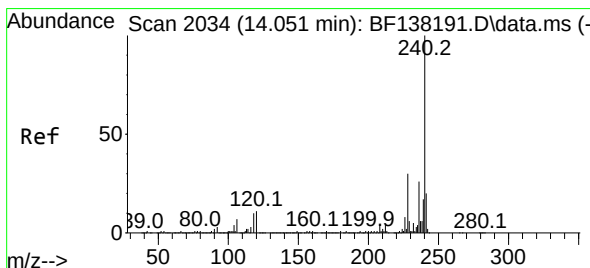
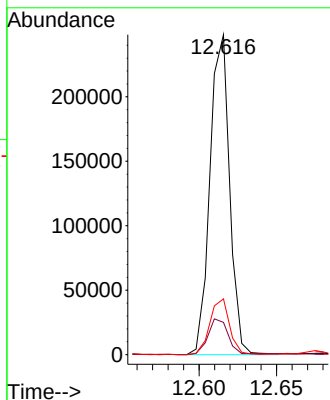
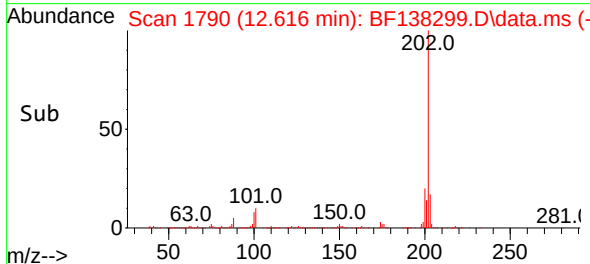
Instrument :
BNA_F
ClientSampleId :
OSTL-D1



Tgt Ion:202 Resp: 21915
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.8
203 17.4 0.0 38.6

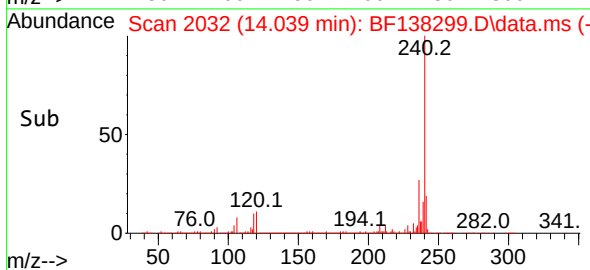
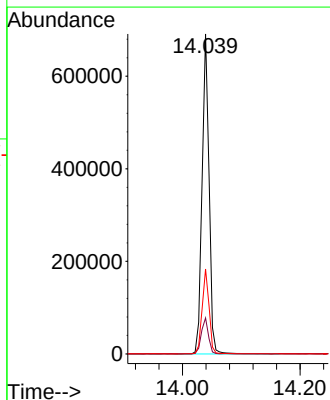
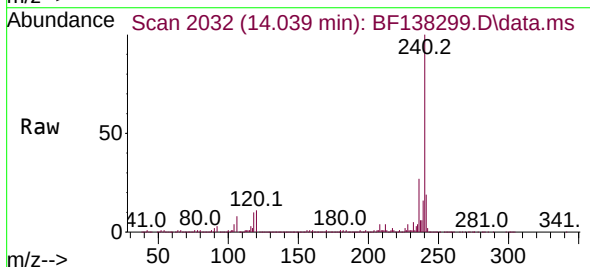
Manual Integrations
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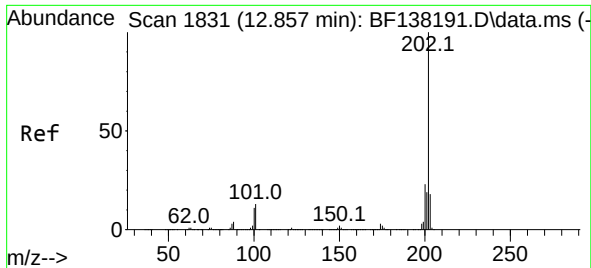
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

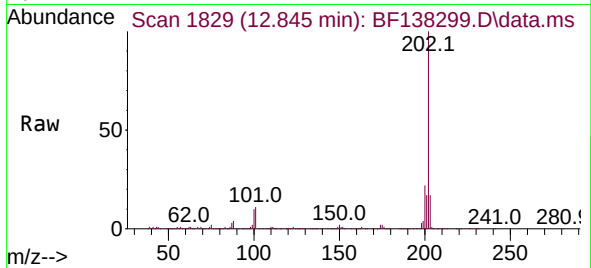
Tgt Ion:240 Resp: 565977
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 26.5 21.0 31.6





#78
Pyrene
Concen: 3.936 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

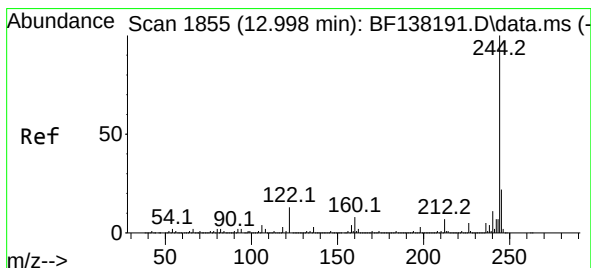
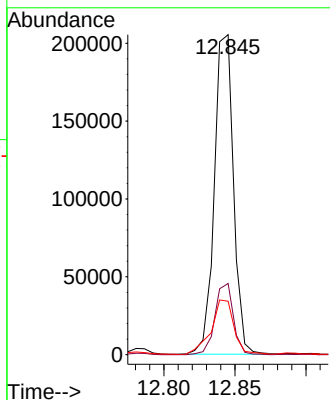
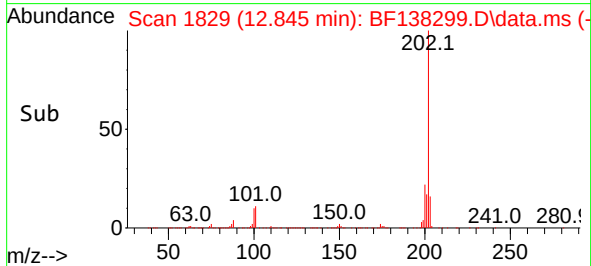
Instrument :
BNA_F
ClientSampleId :
OSTL-D1



Tgt Ion:202 Resp: 19213
Ion Ratio Lower Upper
202 100
200 22.3 18.0 27.0
203 16.7 14.7 22.1

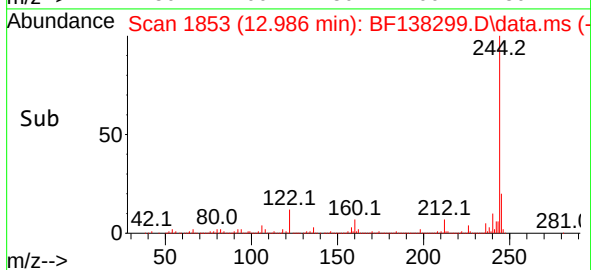
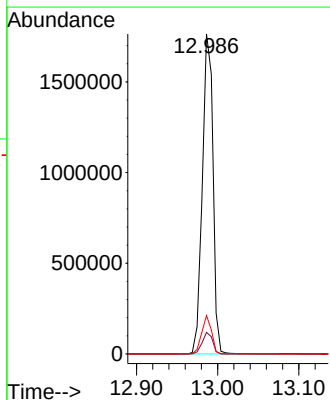
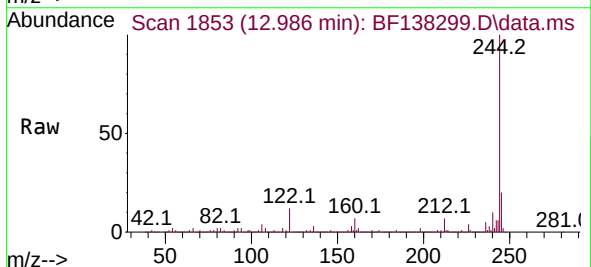
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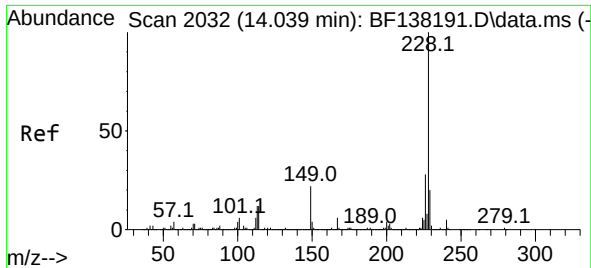
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#79
Terphenyl-d14
Concen: 44.946 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

Tgt Ion:244 Resp: 1606142
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 12.0 10.6 15.8





#81
Benzo(a)anthracene
Concen: 3.109 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

Instrument :

BNA_F

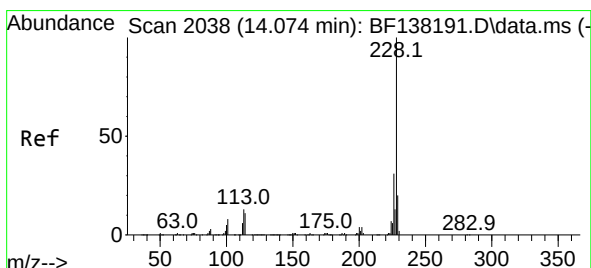
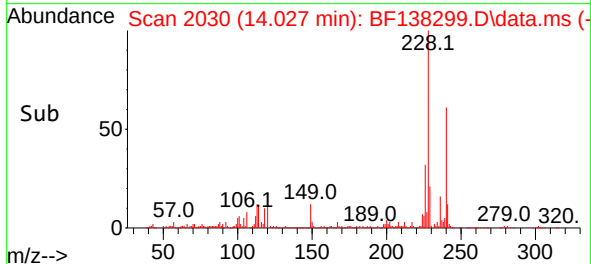
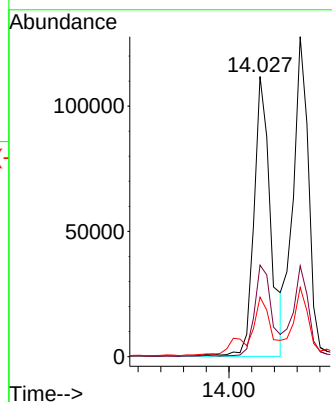
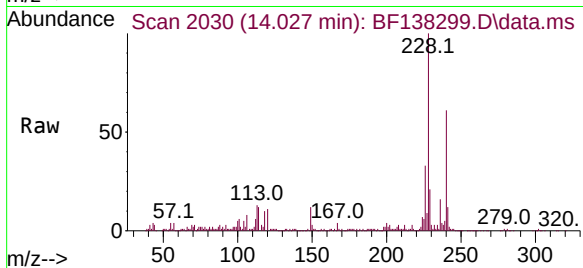
ClientSampleId :

OSTL-D1

Tgt Ion:228 Resp: 112878
Ion Ratio Lower Upper
228 100
226 32.7 22.5 33.7
229 21.2 16.3 24.5

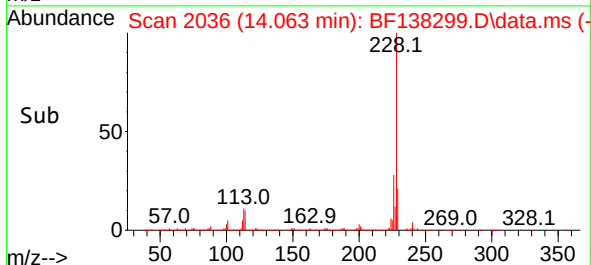
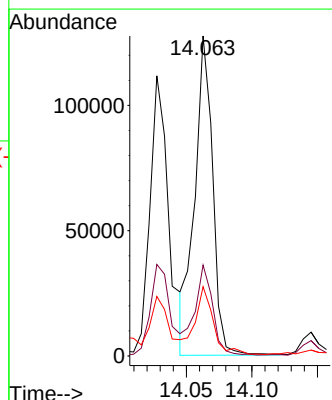
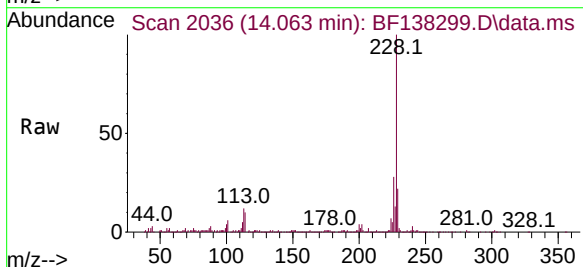
Manual Integrations
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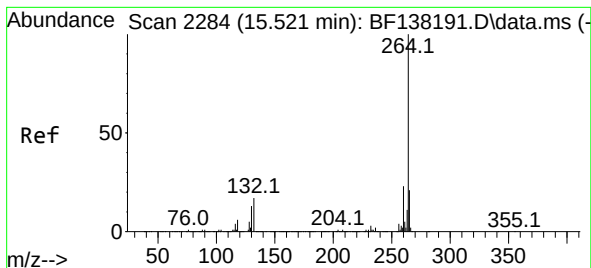
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#83
Chrysene
Concen: 3.517 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

Tgt Ion:228 Resp: 121726
Ion Ratio Lower Upper
228 100
226 28.4 24.5 36.7
229 21.6 16.3 24.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138299.D

Acq: 21 Jun 2024 22:08

Instrument :

BNA_F

ClientSampleId :

OSTL-D1

Tgt Ion:264 Resp: 443319

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

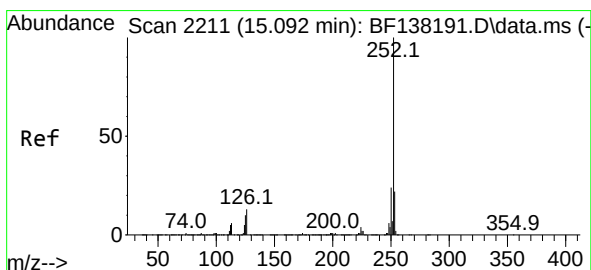
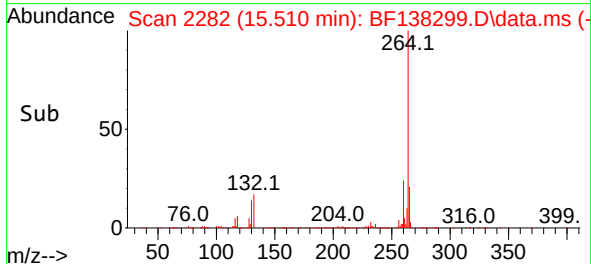
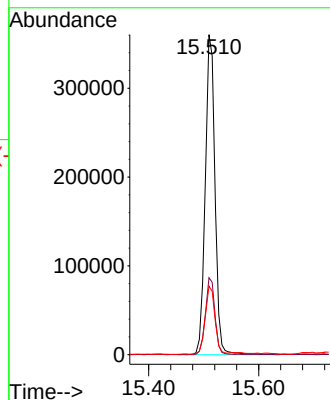
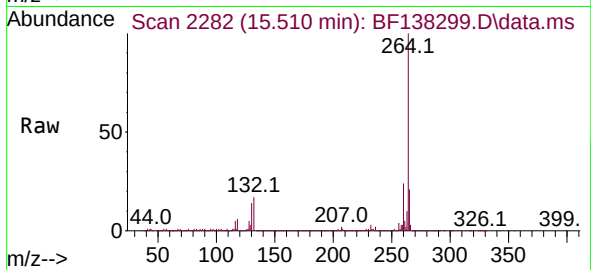
265 21.4 17.0 25.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#88

Benzo(b)fluoranthene

Concen: 5.487 ng m

RT: 15.080 min Scan# 2209

Delta R.T. -0.012 min

Lab File: BF138299.D

Acq: 21 Jun 2024 22:08

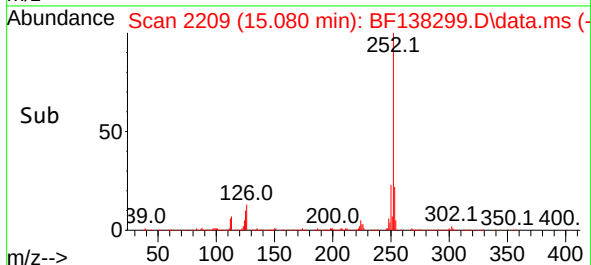
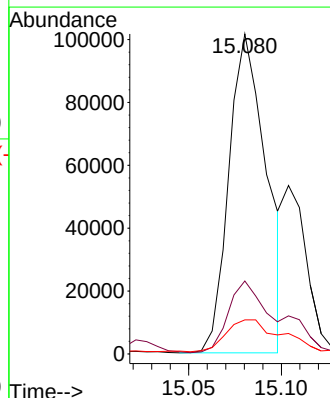
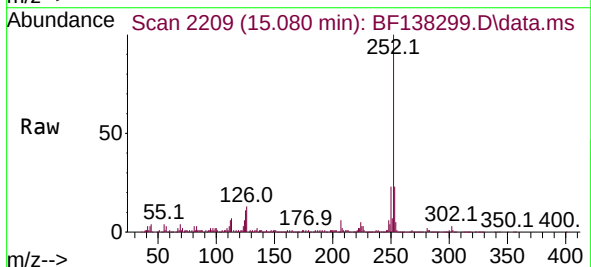
Tgt Ion:252 Resp: 143443

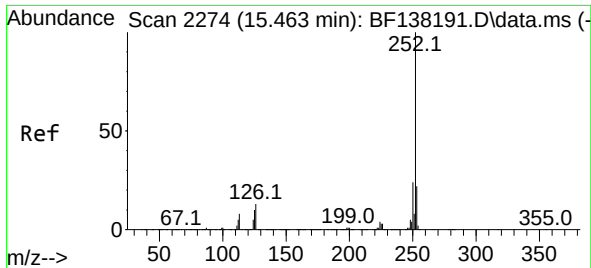
Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

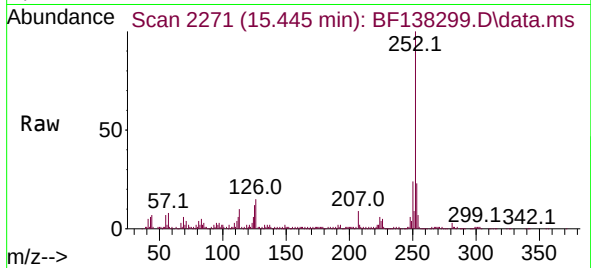
125 10.7 7.8 11.8





#90
Benzo(a)pyrene
Concen: 3.574 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

Instrument :
BNA_F
ClientSampleId :
OSTL-D1



Tgt Ion:252 Resp: 80260
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 11.7 8.2 12.2

Manual Integrations
APPROVED

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

