

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
 Data File : BF138248.D
 Acq On : 19 Jun 2024 16:28
 Operator : CG\JU
 Sample : P2942-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRAY-WATER

Manual Integrations
 APPROVED

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

Quant Time: Jun 19 16:51:59 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	303412	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1092196	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	483076	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	699551	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	541566	20.000	ng	-0.01
86) Perylene-d12	15.515	264	493241	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	918487	50.640	ng	0.00
7) Phenol-d6	6.510	99	717054	31.177	ng	-0.01
23) Nitrobenzene-d5	7.451	82	1353196	72.128	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	466815	97.069	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2319376	76.347	ng	0.00
79) Terphenyl-d14	12.992	244	2008928	58.752	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	241164	19.742	ng	98
10) Phenol	6.528	94	373989m	16.023	ng	
15) Benzyl Alcohol	7.045	79	1458264	94.036	ng	99
22) Acetophenone	7.292	105	145056	5.814	ng	96
32) Benzoic acid	8.080	122	2875603	275.047	ng	97
84) Bis(2-ethylhexyl)phtha...	14.021	149	69158	4.680	ng	95

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

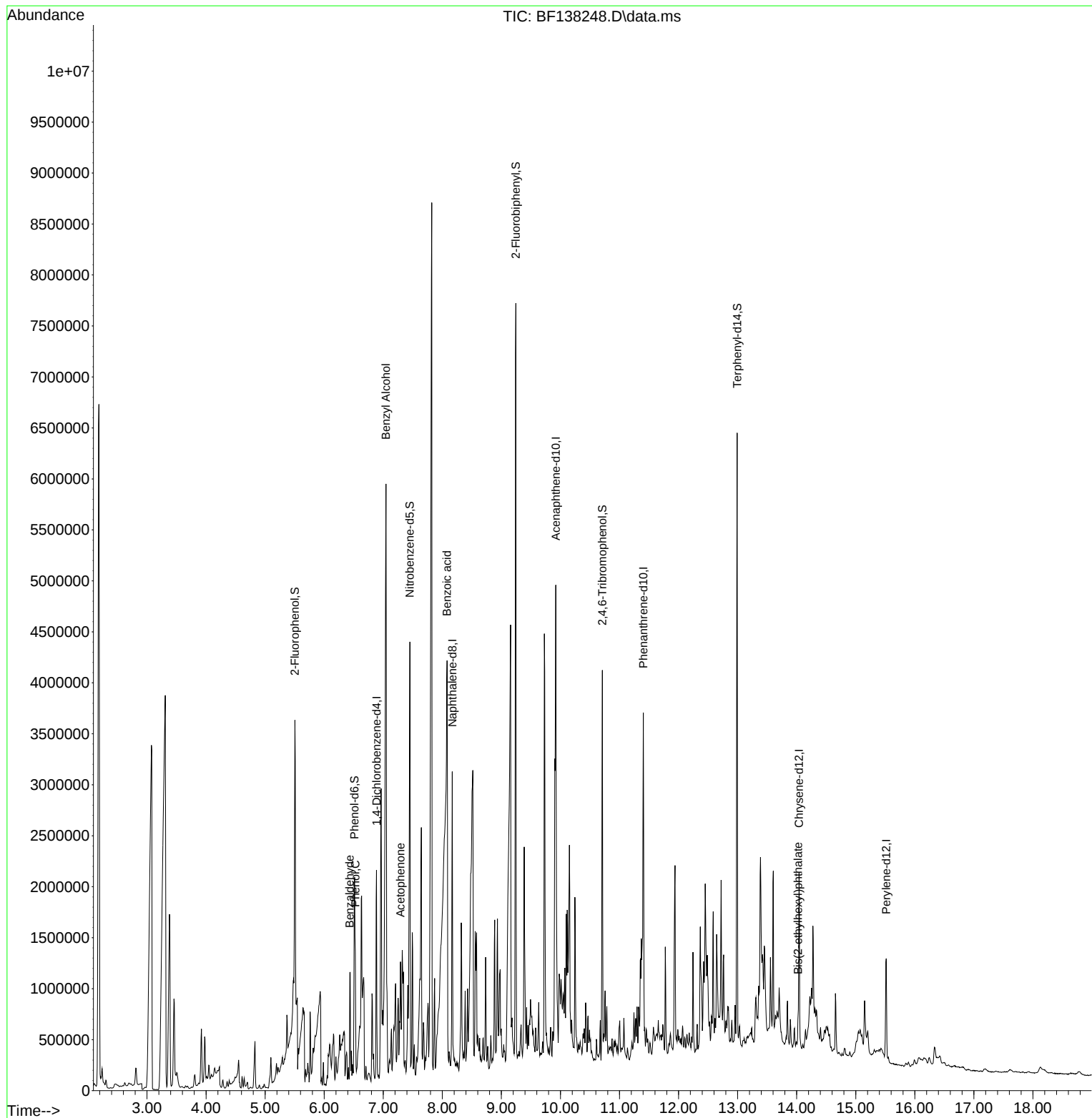
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138248.D
Acq On : 19 Jun 2024 16:28
Operator : CG\JU
Sample : P2942-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

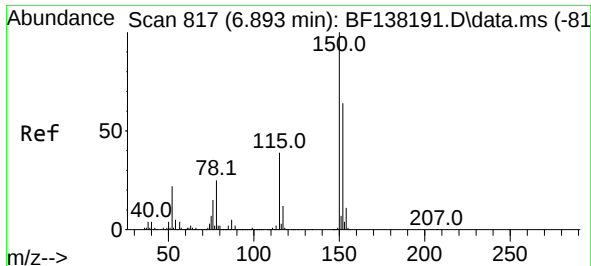
Instrument :
BNA_F
ClientSampleId :
GRAY-WATER

Quant Time: Jun 19 16:51:59 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

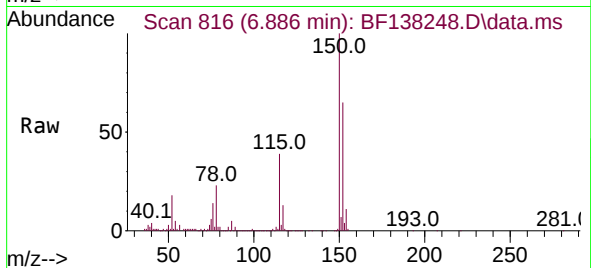
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 817
Delta R.T. -0.007 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

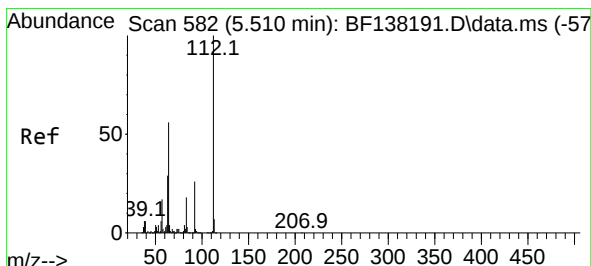
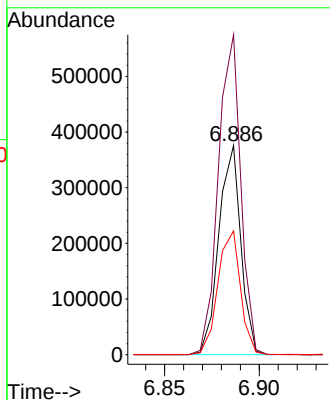
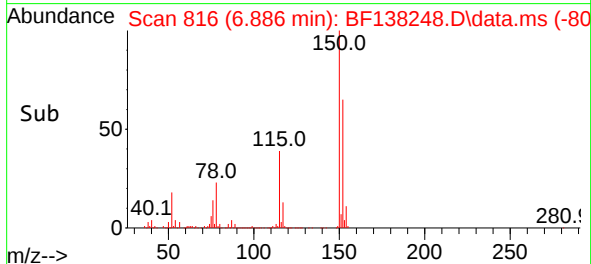
Instrument :
BNA_F
ClientSampleId :
GRAY-WATER



Tgt Ion:152 Resp: 303412
Ion Ratio Lower Upper
152 100
150 153.0 125.0 187.4
115 59.2 48.4 72.6

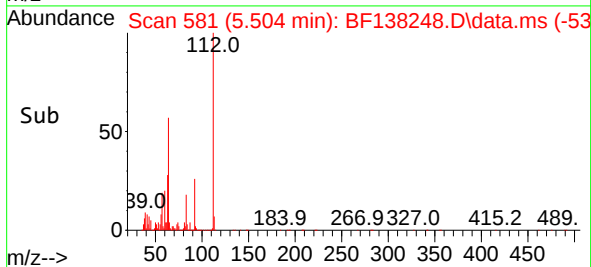
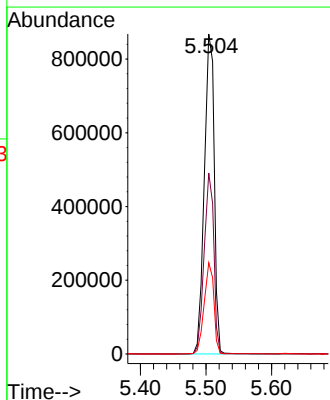
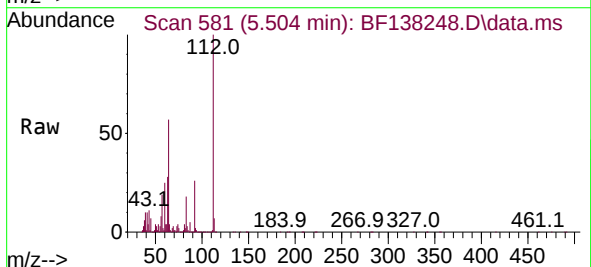
Manual Integrations
APPROVED

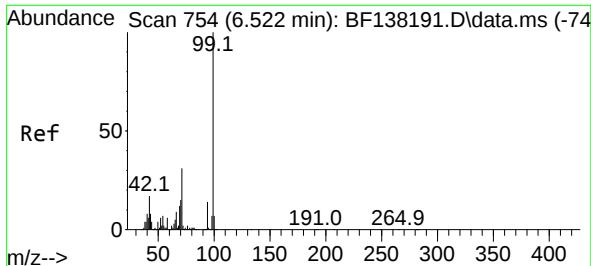
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#5
2-Fluorophenol
Concen: 50.640 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

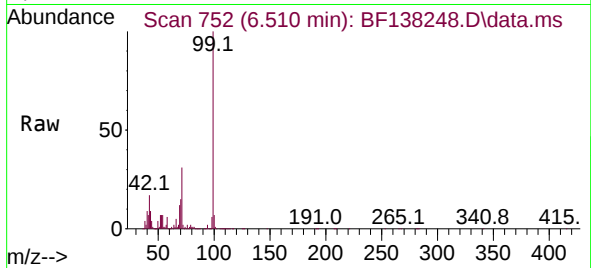
Tgt Ion:112 Resp: 918487
Ion Ratio Lower Upper
112 100
64 56.5 45.2 67.8
63 28.5 22.9 34.3





#7
Phenol-d6
Concen: 31.177 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

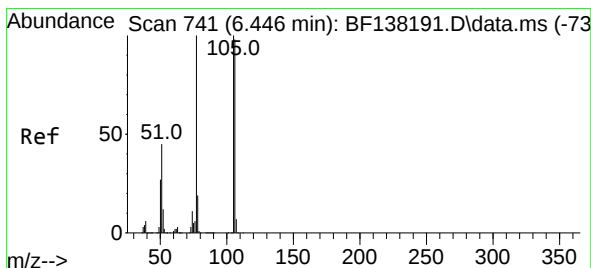
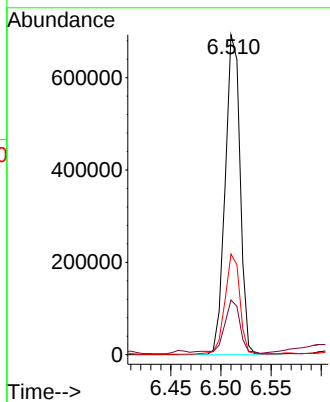
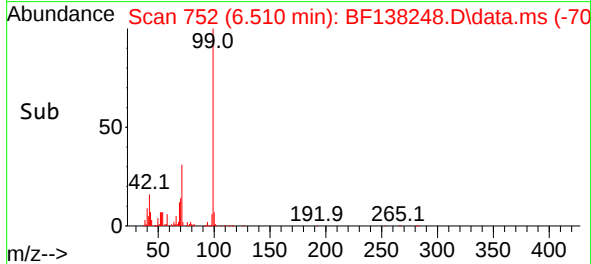
Instrument :
BNA_F
ClientSampleId :
GRAY-WATER



Tgt Ion: 99 Resp: 717054
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 31.4 25.0 37.6

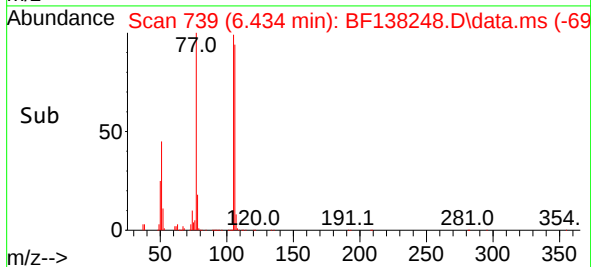
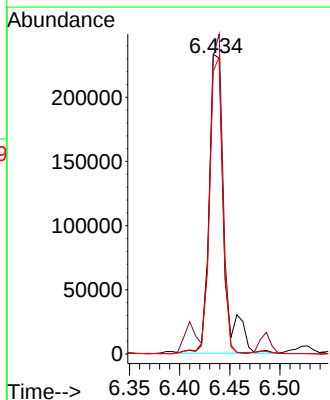
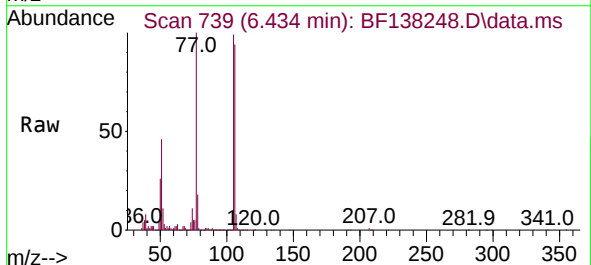
Manual Integrations
APPROVED

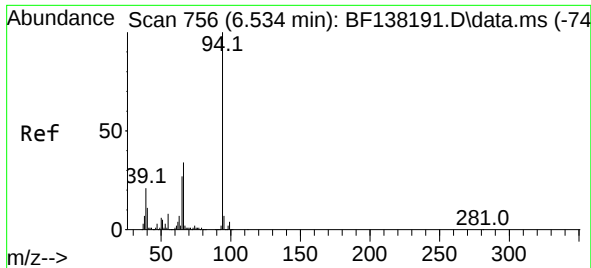
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#9
Benzaldehyde
Concen: 19.742 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

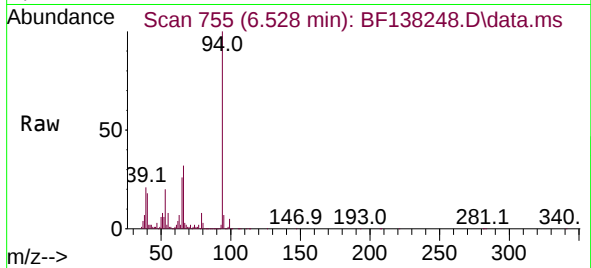
Tgt Ion: 77 Resp: 241164
Ion Ratio Lower Upper
77 100
105 99.3 80.1 120.1
106 94.3 77.8 117.8





#10
Phenol
Concen: 16.023 ng m
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

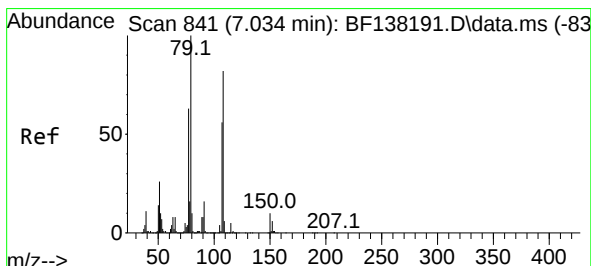
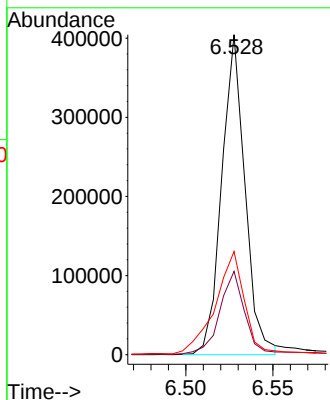
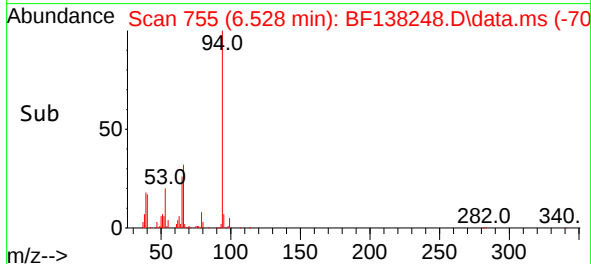
Instrument :
BNA_F
ClientSampleId :
GRAY-WATER



Tgt Ion: 94 Resp: 373989
Ion Ratio Lower Upper
94 100
65 26.1 6.8 46.8
66 32.2 14.2 54.2

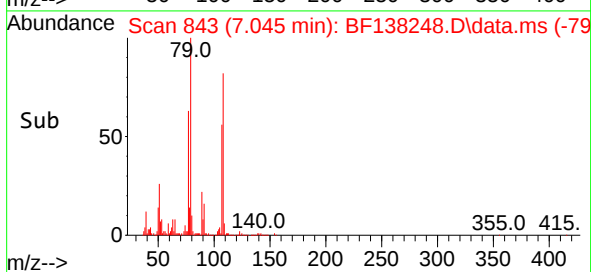
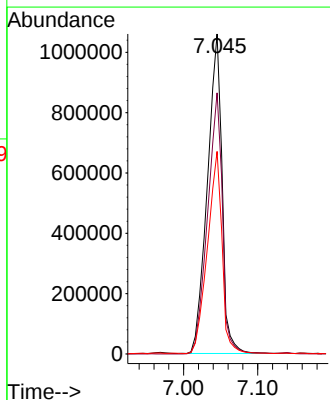
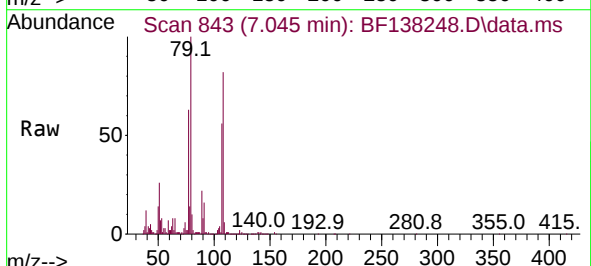
Manual Integrations
APPROVED

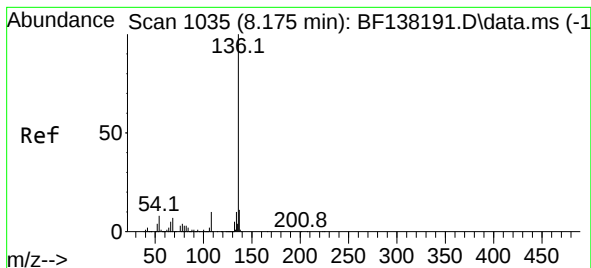
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#15
Benzyl Alcohol
Concen: 94.036 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.012 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

Tgt Ion: 79 Resp: 1458264
Ion Ratio Lower Upper
79 100
108 81.6 65.9 98.9
77 63.3 50.3 75.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1092190

Delta R.T. -0.006 min

Lab File: BF138248.D

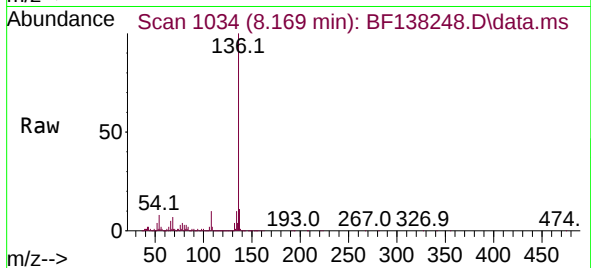
Acq: 19 Jun 2024 16:28

Instrument :

BNA_F

ClientSampleId :

GRAY-WATER



Tgt Ion:136 Resp: 1092190

Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

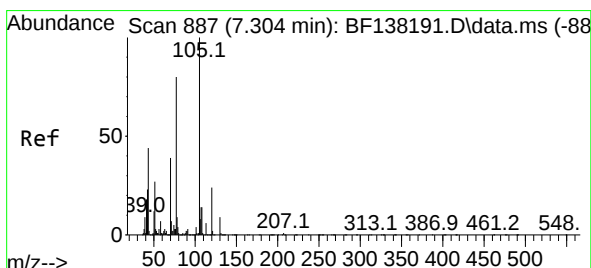
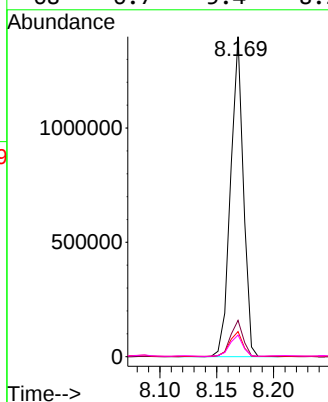
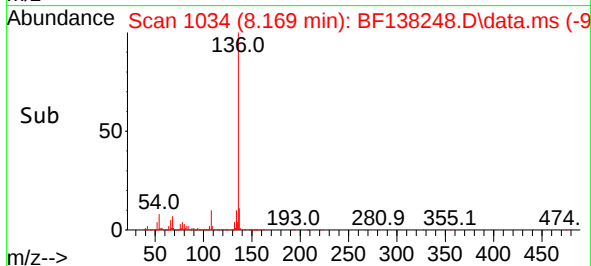
54 7.9 6.6 10.0

68 6.7 5.4 8.2

Manual Integrations

APPROVED

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



#22

Acetophenone

Concen: 5.814 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.012 min

Lab File: BF138248.D

Acq: 19 Jun 2024 16:28

Tgt Ion:105 Resp: 145056

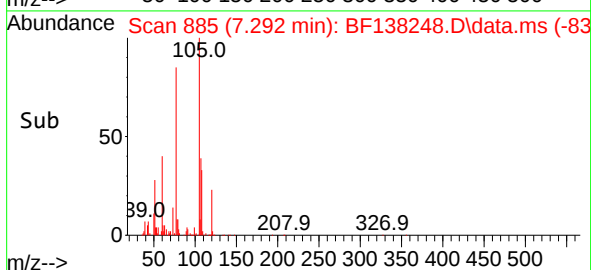
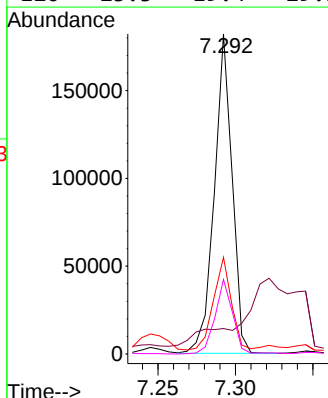
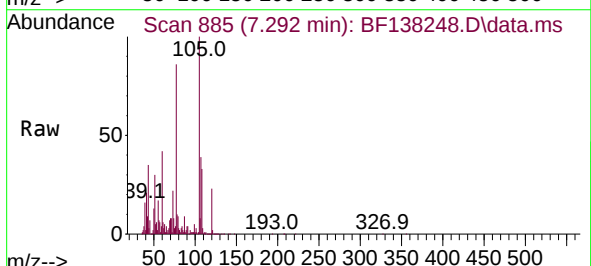
Ion Ratio Lower Upper

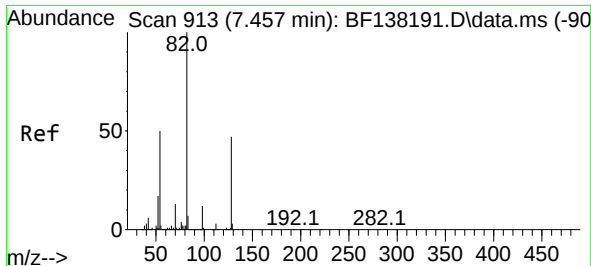
105 100

71 7.9 5.4 8.2

51 30.2 21.4 32.0

120 23.3 19.4 29.2





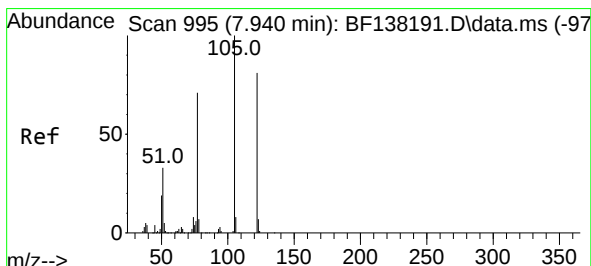
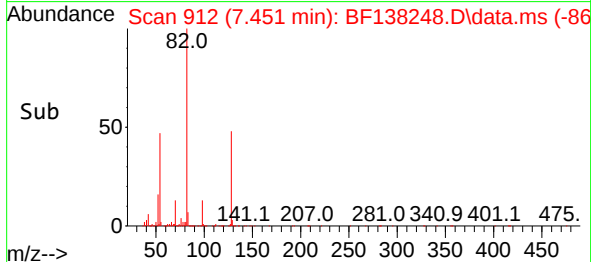
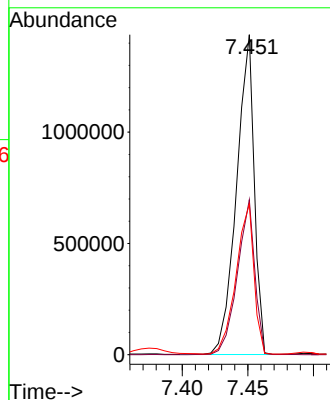
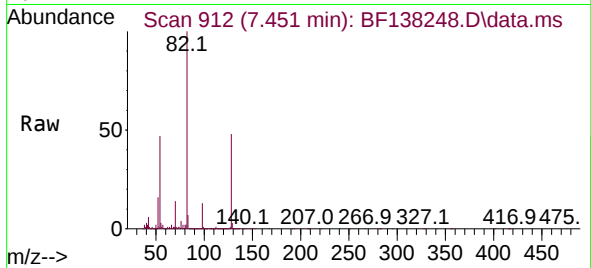
#23
Nitrobenzene-d5
Concen: 72.128 ng
RT: 7.451 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

Instrument :
BNA_F
ClientSampleId :
GRAY-WATER

Tgt Ion: 82 Resp: 1353190
Ion Ratio Lower Upper
82 100
128 48.4 37.2 55.8
54 47.1 39.8 59.6

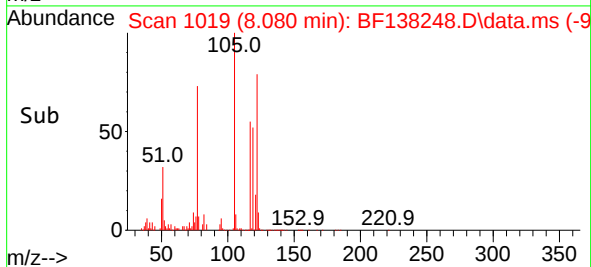
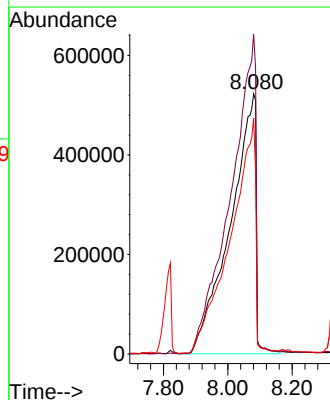
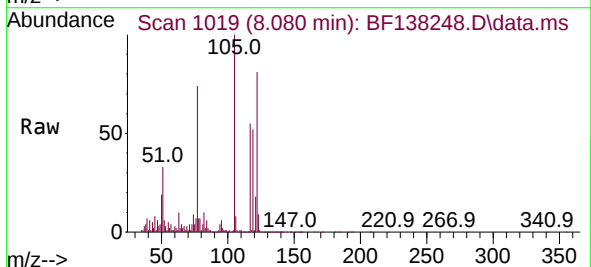
Manual Integrations
APPROVED

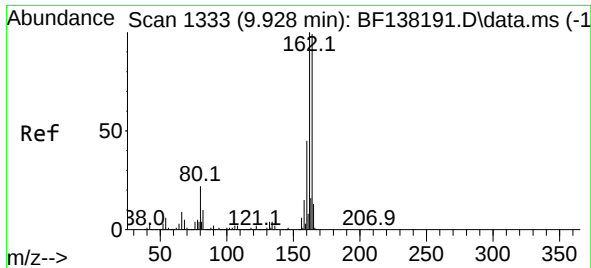
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#32
Benzoic acid
Concen: 275.047 ng
RT: 8.080 min Scan# 1019
Delta R.T. 0.140 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

Tgt Ion:122 Resp: 2875603
Ion Ratio Lower Upper
122 100
105 123.0 100.1 140.1
77 90.6 66.5 106.5





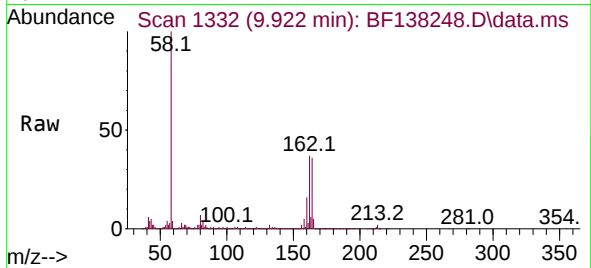
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

Instrument :

BNA_F

ClientSampleId :

GRAY-WATER

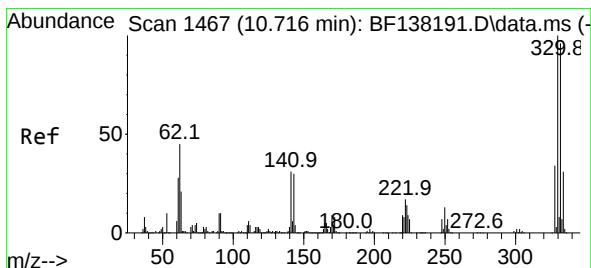
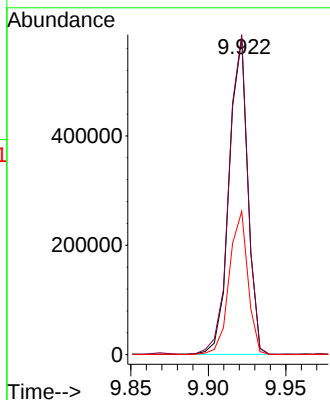
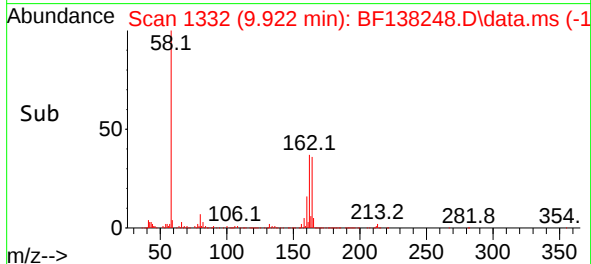


Tgt Ion:164 Resp: 483070
Ion Ratio Lower Upper
164 100
162 101.1 80.6 121.0
160 45.3 36.3 54.5

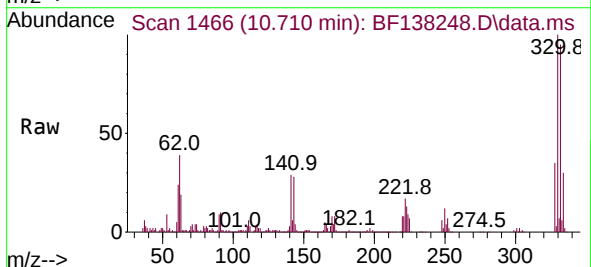
Manual Integrations

APPROVED

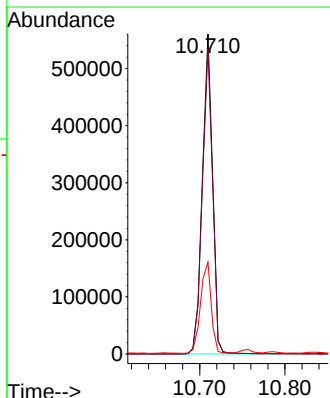
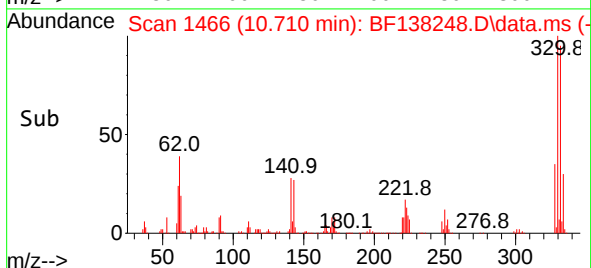
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

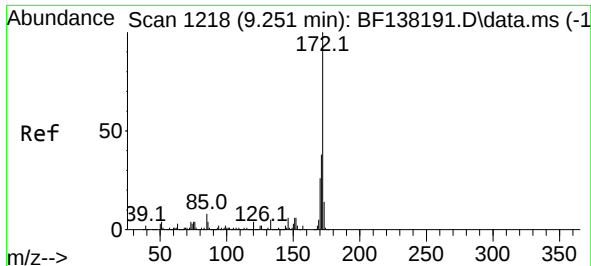


#42
2,4,6-Tribromophenol
Concen: 97.069 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28



Tgt Ion:330 Resp: 466815
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 29.6 23.9 35.9





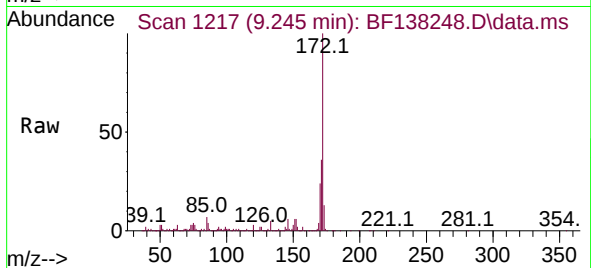
#45
2-Fluorobiphenyl
Concen: 76.347 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

Instrument :

BNA_F

ClientSampleId :

GRAY-WATER

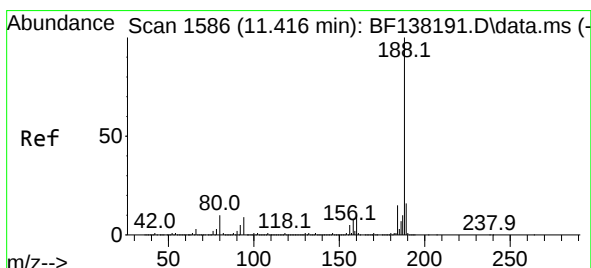
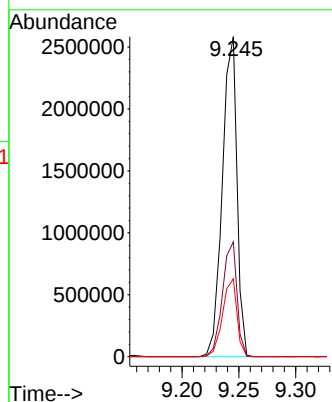
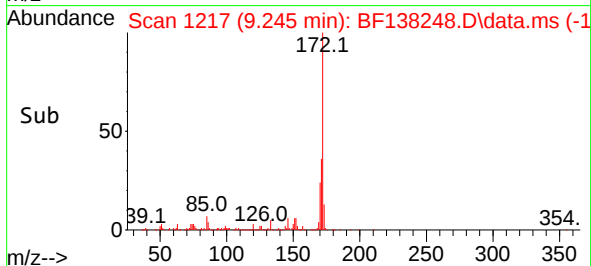


Tgt Ion:172 Resp: 2319370
Ion Ratio Lower Upper
172 100
171 35.9 30.3 45.5
170 24.4 20.6 30.8

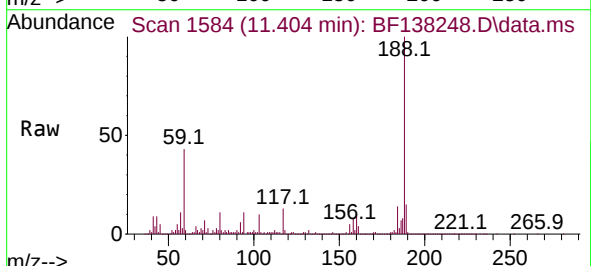
Manual Integrations

APPROVED

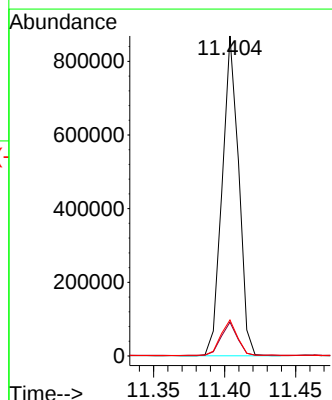
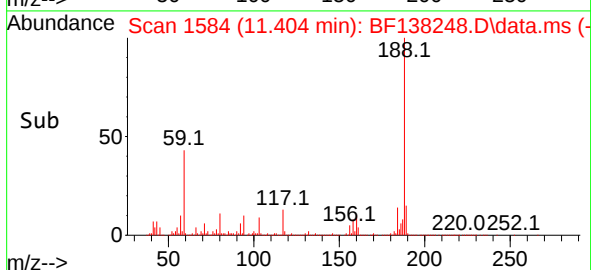
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

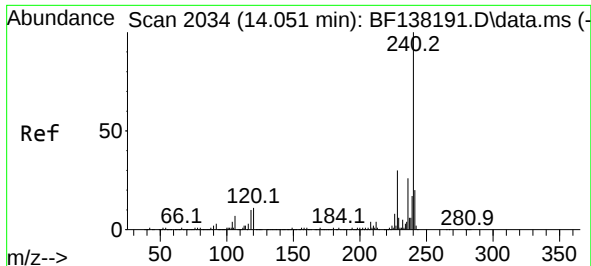


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28



Tgt Ion:188 Resp: 699551
Ion Ratio Lower Upper
188 100
94 10.6 7.6 11.4
80 11.3 8.1 12.1





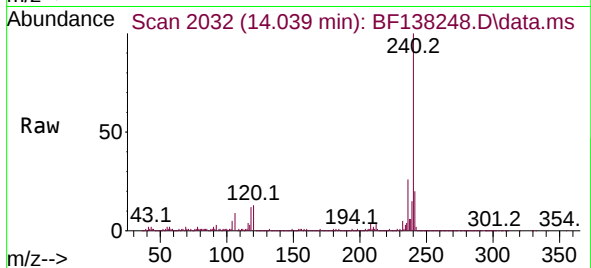
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

Instrument :

BNA_F

ClientSampleId :

GRAY-WATER

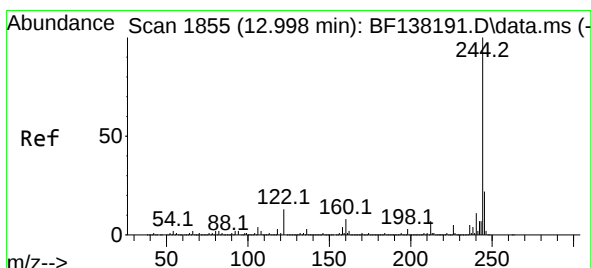
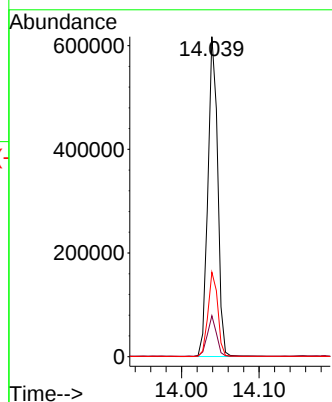
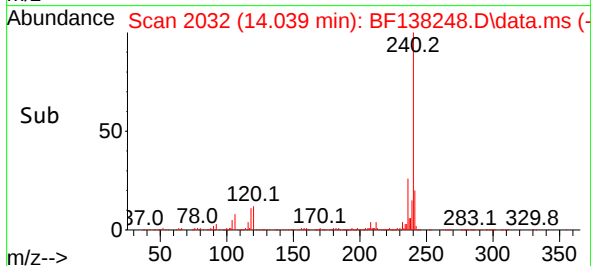


Tgt Ion:240 Resp: 541560
Ion Ratio Lower Upper
240 100
120 12.8 9.2 13.8
236 26.4 21.0 31.6

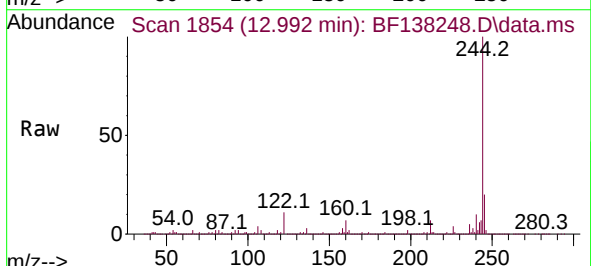
Manual Integrations

APPROVED

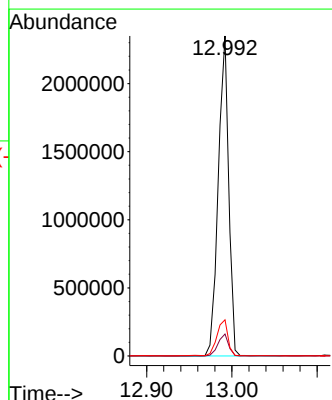
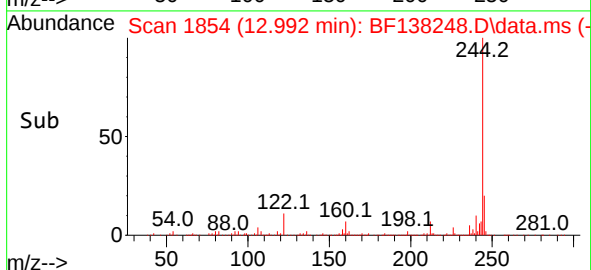
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

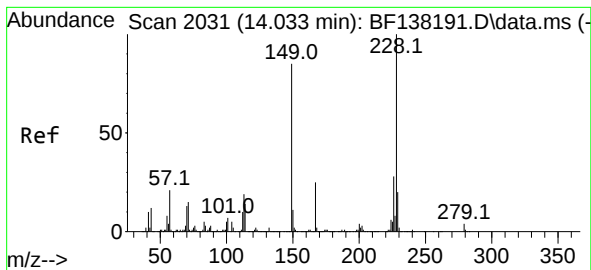


#79
Terphenyl-d14
Concen: 58.752 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28



Tgt Ion:244 Resp: 2008928
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 11.3 10.6 15.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.680 ng

RT: 14.021 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF138248.D

Acq: 19 Jun 2024 16:28

Instrument :

BNA_F

ClientSampleId :

GRAY-WATER

Tgt Ion:149 Resp: 69158

Ion Ratio Lower Upper

149 100

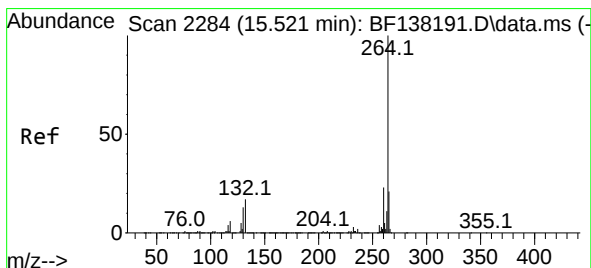
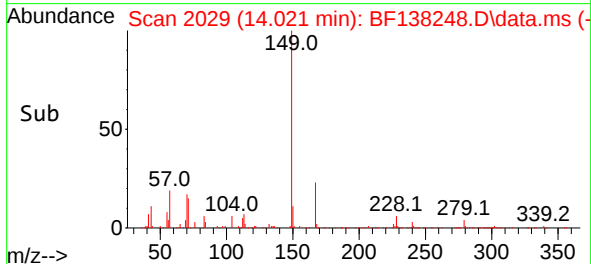
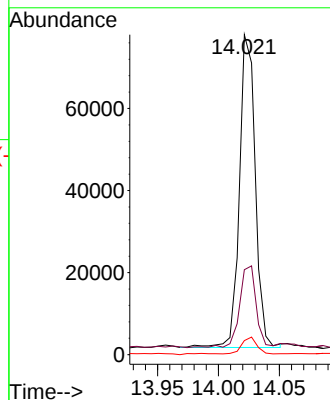
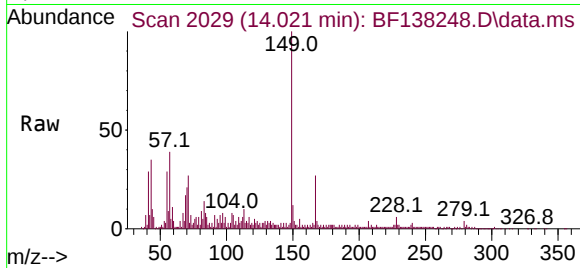
167 26.6 23.5 35.3

279 4.4 4.2 6.2

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: BF138248.D

Acq: 19 Jun 2024 16:28

Tgt Ion:264 Resp: 493241

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 21.5 17.0 25.6

