

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
 Data File : BF138222.D
 Acq On : 18 Jun 2024 14:02
 Operator : CG\JU
 Sample : P2924-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DAMAGED-CONC

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 18 14:26:12 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	6.892	152	292730	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	990558	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	316383	20.000	ng	# 0.08
64) Phenanthrene-d10	11.574	188	111639	20.000	ng	# 0.16
76) Chrysene-d12	14.115	240	422310	20.000	ng	# 0.06
86) Perylene-d12	15.533	264	294812	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	987479	56.430	ng	0.00
7) Phenol-d6	6.516	99	1565557	70.554	ng	0.00
23) Nitrobenzene-d5	7.451	82	1168106	68.651	ng	0.00
42) 2,4,6-Tribromophenol	10.822	330	66778	21.202	ng	0.11
45) 2-Fluorobiphenyl	9.275	172	2105930	105.845	ng	0.02
79) Terphenyl-d14	13.127	244	474235	17.786	ng	0.13
Target Compounds						Qvalue
31) Naphthalene	8.192	128	699261	14.276	ng	99
37) 2-Methylnaphthalene	8.898	142	111816	3.478	ng	100
38) 1-Methylnaphthalene	9.016	142	105887	3.361	ng	96
46) 1,1'-Biphenyl	9.398	154	195818	8.435	ng	78
88) Benzo(b)fluoranthene	15.110	252	54781m	3.151	ng	

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

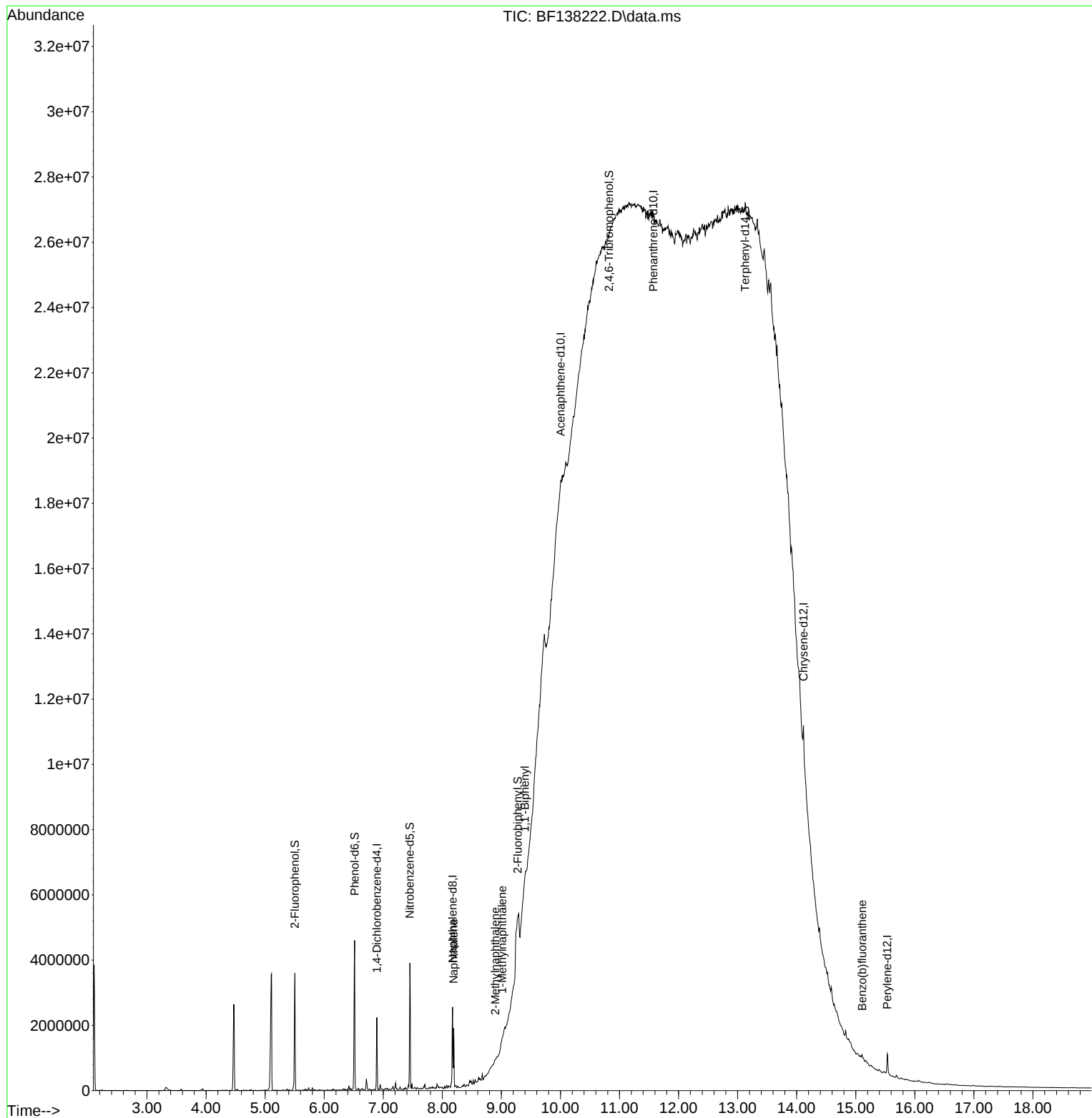
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
Data File : BF138222.D
Acq On : 18 Jun 2024 14:02
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ALS Vial : 6 Sample Multiplier: 1

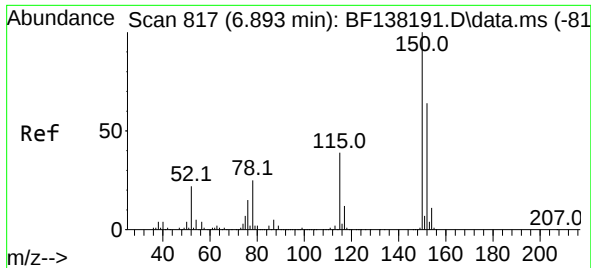
Instrument :
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ClientSampleId :
DAMAGED-CONC

Quant Time: Jun 18 14:26:12 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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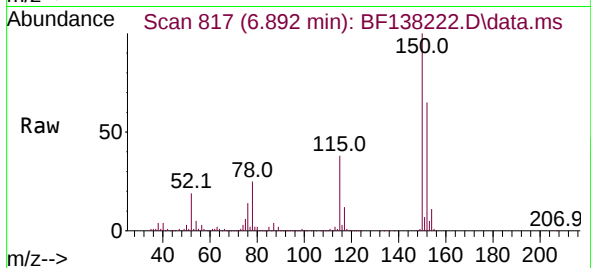
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF138222.D
Acq: 18 Jun 2024 14:02

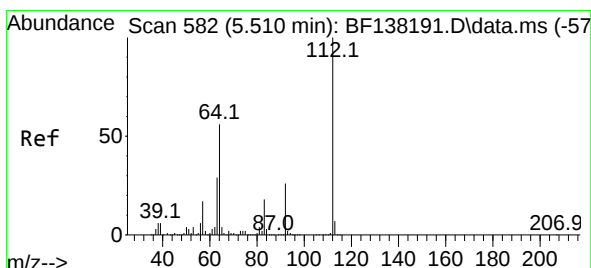
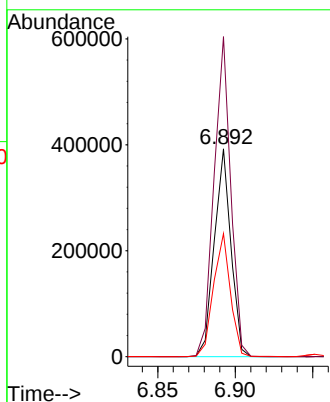
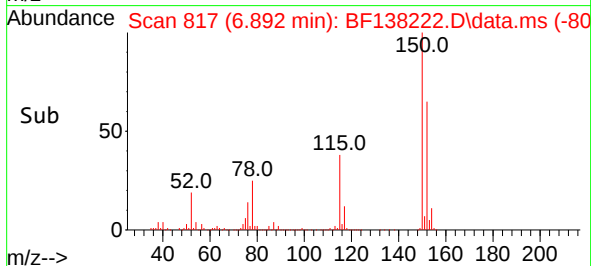
Instrument :
BNA_F
ClientSampleId :
DAMAGED-CONC



Tgt Ion:152 Resp: 292730
Ion Ratio Lower Upper
152 100
150 153.9 125.0 187.4
115 59.2 48.4 72.6

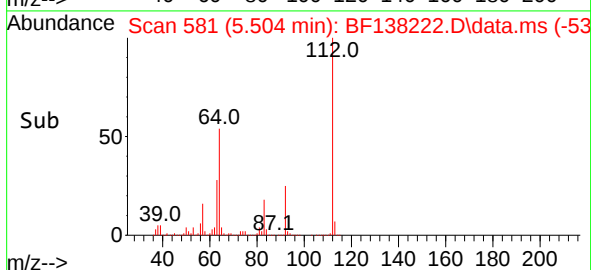
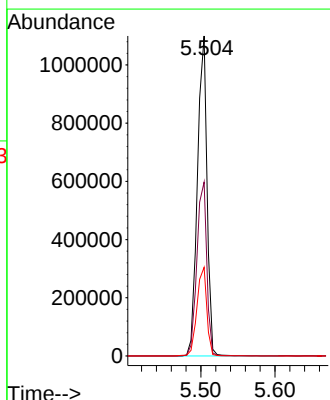
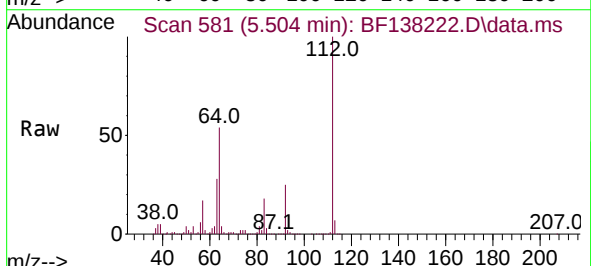
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#5
2-Fluorophenol
Concen: 56.430 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138222.D
Acq: 18 Jun 2024 14:02

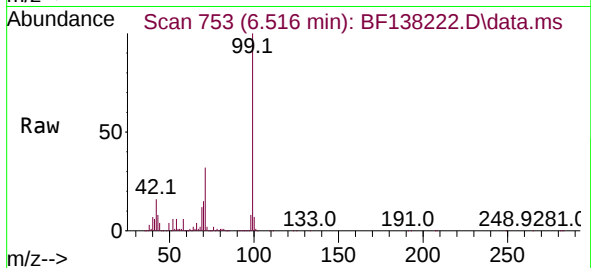
Tgt Ion:112 Resp: 987479
Ion Ratio Lower Upper
112 100
64 54.4 45.2 67.8
63 27.7 22.9 34.3





#7
Phenol-d6
Concen: 70.554 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138222.D
Acq: 18 Jun 2024 14:02

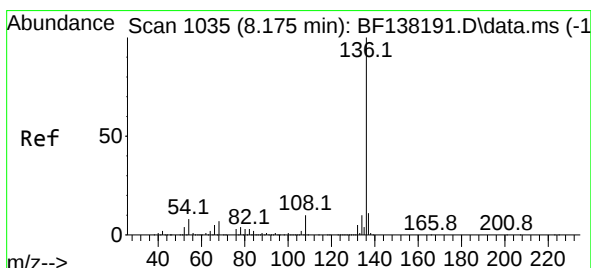
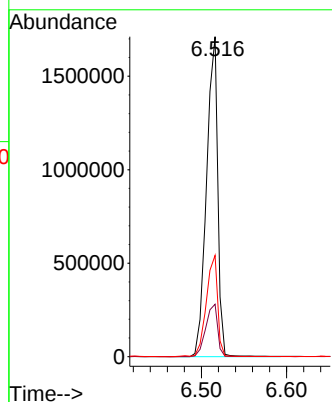
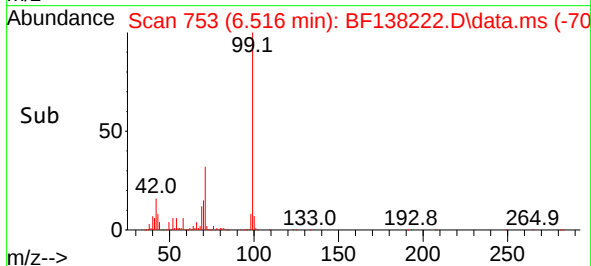
Instrument :
BNA_F
ClientSampleId :
DAMAGED-CONC



Tgt Ion: 99 Resp: 156555
Ion Ratio Lower Upper
99 100
42 16.4 13.7 20.5
71 31.7 25.0 37.6

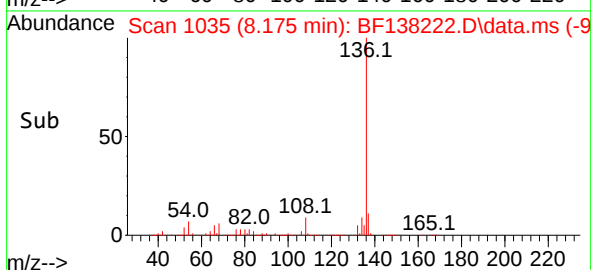
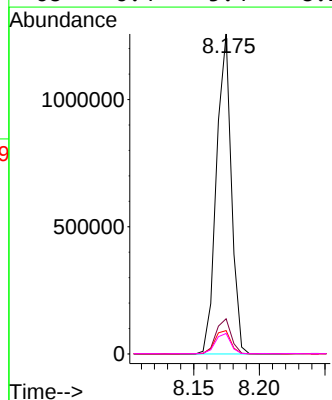
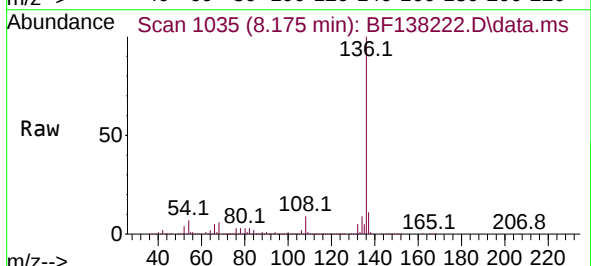
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Supervised By :mohammad ahmed 06/21/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF138222.D
Acq: 18 Jun 2024 14:02

Tgt Ion:136 Resp: 990558
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.3 6.6 10.0
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 68.651 ng

RT: 7.451 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138222.D

Acq: 18 Jun 2024 14:02

Instrument :

BNA_F

ClientSampleId :

DAMAGED-CONC

Tgt Ion: 82 Resp: 1168100

Ion Ratio Lower Upper

82 100

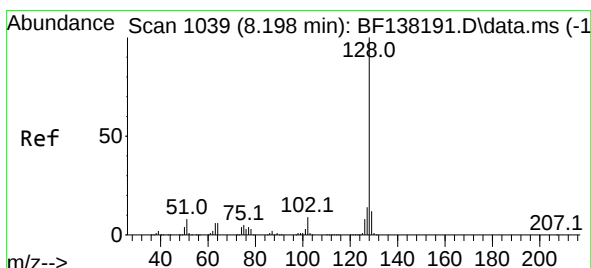
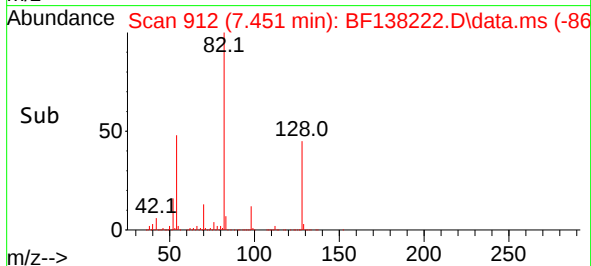
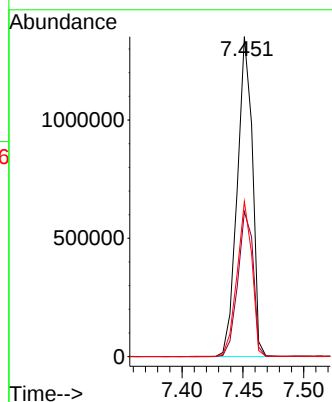
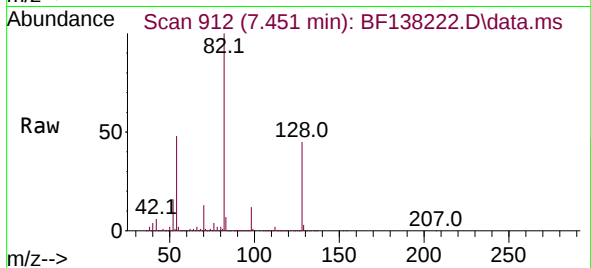
128 45.3 37.2 55.8

54 48.5 39.8 59.6

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#31

Naphthalene

Concen: 14.276 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF138222.D

Acq: 18 Jun 2024 14:02

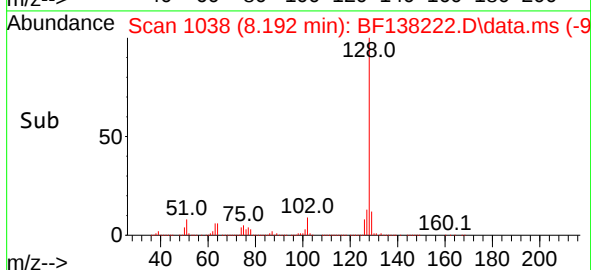
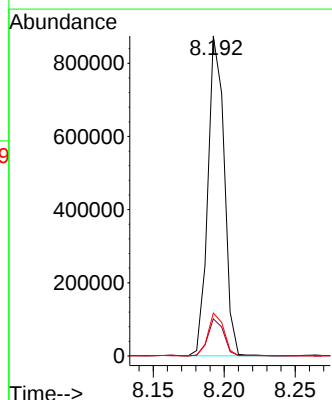
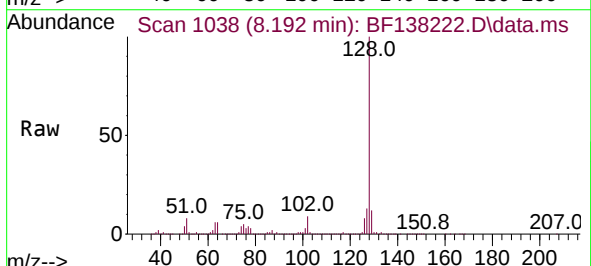
Tgt Ion:128 Resp: 699261

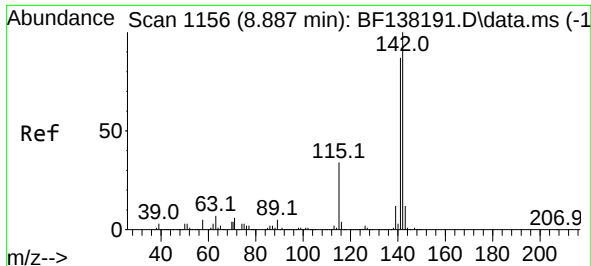
Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

127 13.4 11.0 16.6





#37

2-Methylnaphthalene

Concen: 3.478 ng

RT: 8.898 min Scan# 1156

Delta R.T. 0.012 min

Lab File: BF138222.D

Acq: 18 Jun 2024 14:02

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:142 Resp: 111810

Ion Ratio Lower Upper

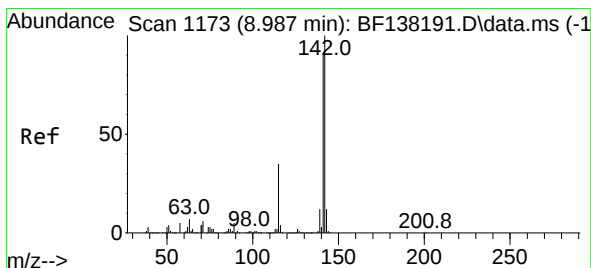
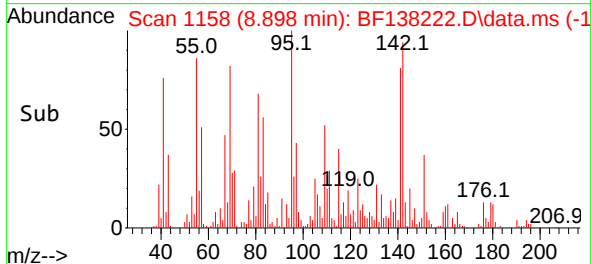
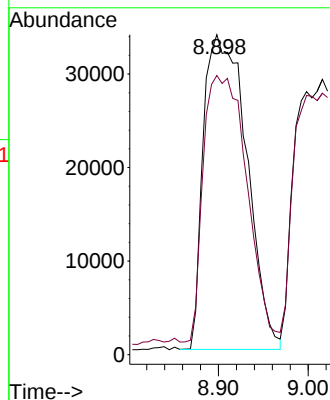
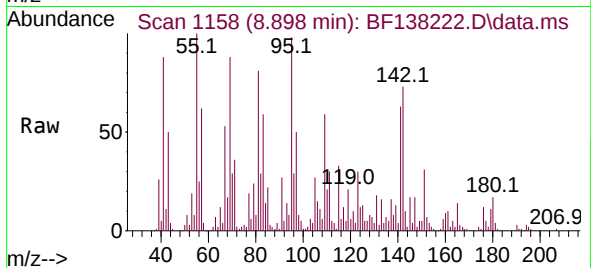
142 100

141 87.3 69.9 104.9

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#38

1-Methylnaphthalene

Concen: 3.361 ng

RT: 9.016 min Scan# 1178

Delta R.T. 0.029 min

Lab File: BF138222.D

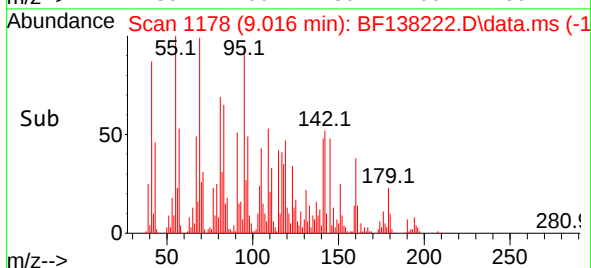
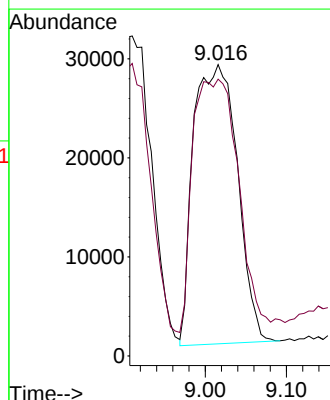
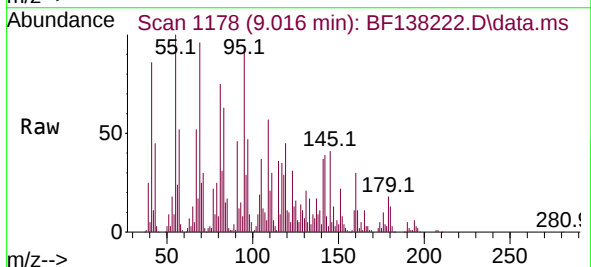
Acq: 18 Jun 2024 14:02

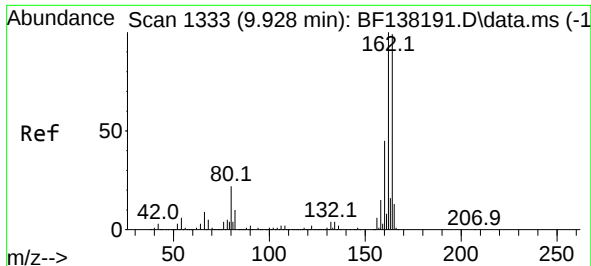
Tgt Ion:142 Resp: 105887

Ion Ratio Lower Upper

142 100

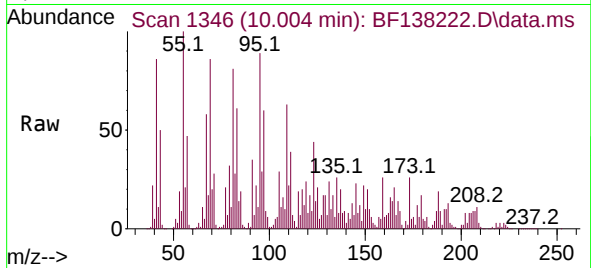
141 95.0 72.8 109.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.076 min
Lab File: BF138222.D
Acq: 18 Jun 2024 14:02

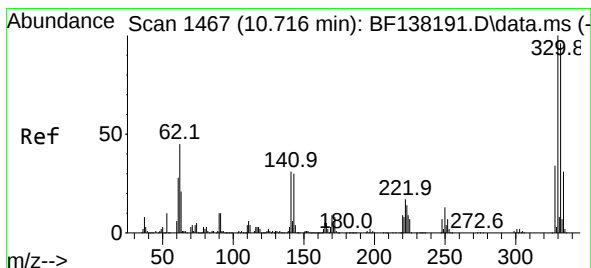
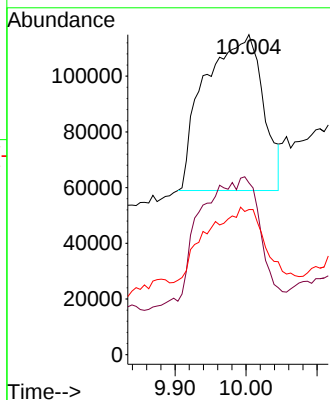
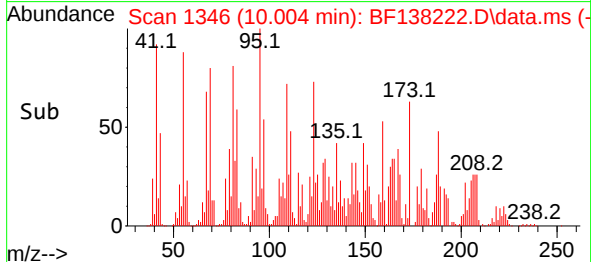
Instrument :
BNA_F
ClientSampleId :
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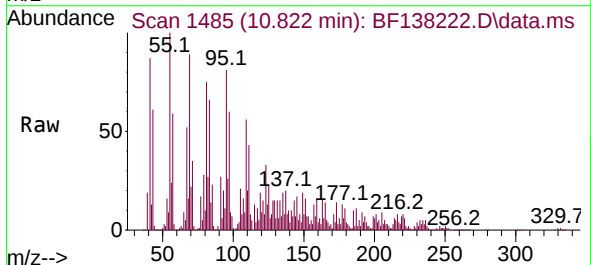
Tgt Ion:164 Resp: 31638
Ion Ratio Lower Upper
164 100
162 53.7 80.6 121.0
160 45.3 36.3 54.5

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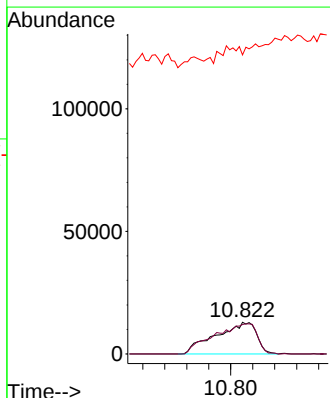
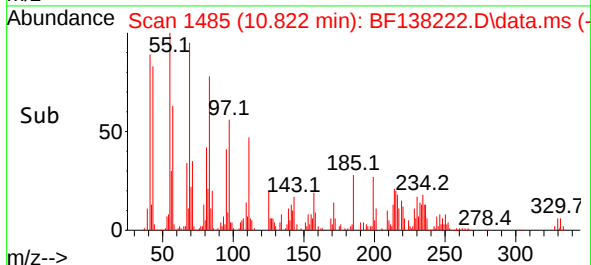
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

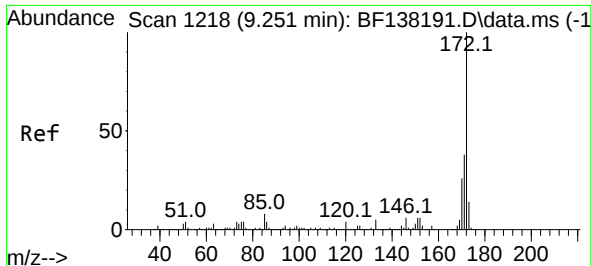


#42
2,4,6-Tribromophenol
Concen: 21.202 ng
RT: 10.822 min Scan# 1485
Delta R.T. 0.106 min
Lab File: BF138222.D
Acq: 18 Jun 2024 14:02



Tgt Ion:330 Resp: 66778
Ion Ratio Lower Upper
330 100
332 100.6 76.6 115.0
141 0.0 23.9 35.9#





#45

2-Fluorobiphenyl

Concen: 105.845 ng

RT: 9.275 min Scan# 1222

Delta R.T. 0.024 min

Lab File: BF138222.D

Acq: 18 Jun 2024 14:02

Instrument :

BNA_F

ClientSampleId :

DAMAGED-CONC

Tgt Ion:172 Resp: 2105930

Ion Ratio Lower Upper

172 100

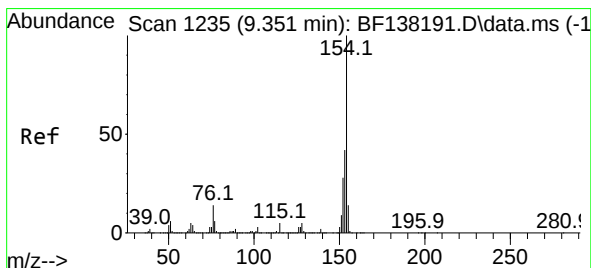
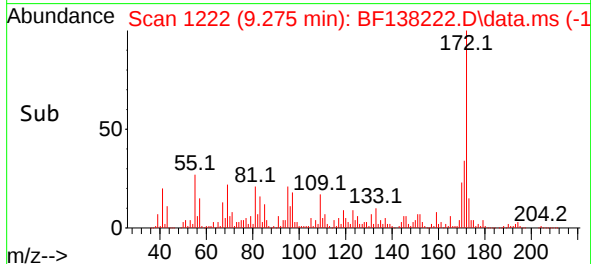
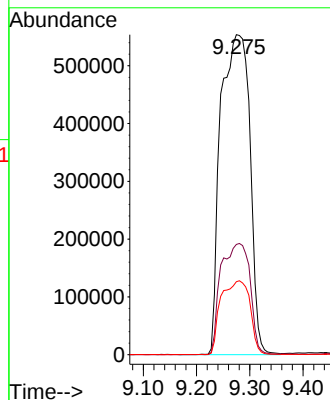
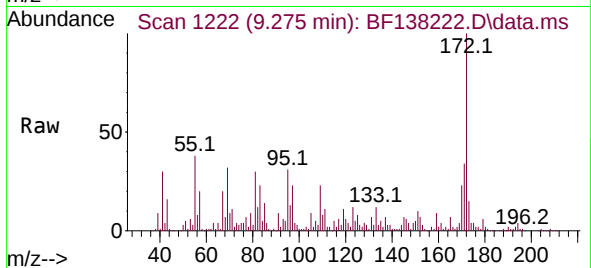
171 34.5 30.3 45.5

170 22.8 20.6 30.8

Manual Integrations

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#46

1,1'-Biphenyl

Concen: 8.435 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.047 min

Lab File: BF138222.D

Acq: 18 Jun 2024 14:02

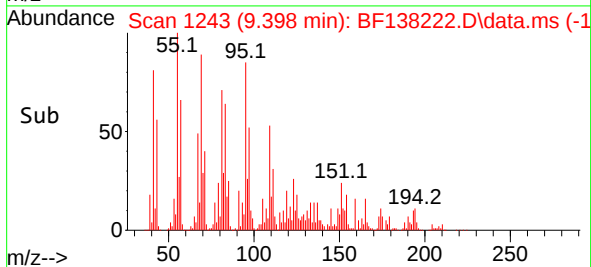
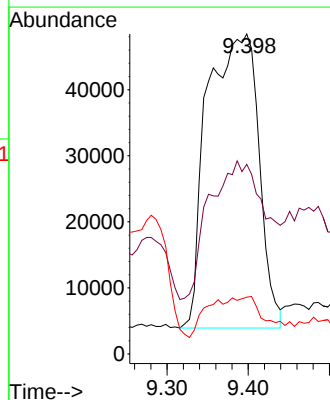
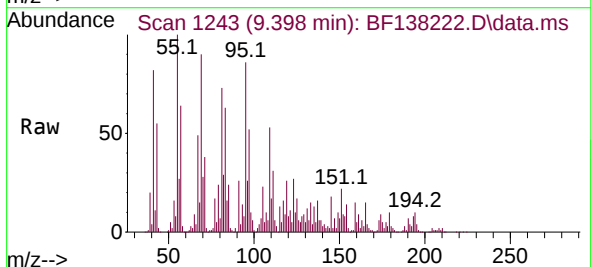
Tgt Ion:154 Resp: 195818

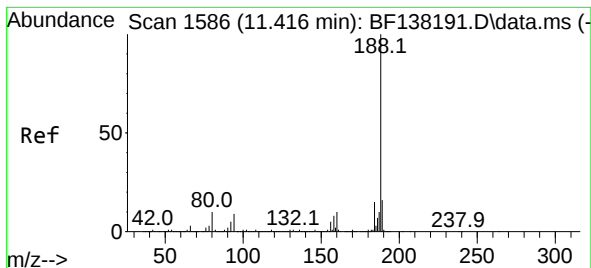
Ion Ratio Lower Upper

154 100

153 59.3 22.1 62.1

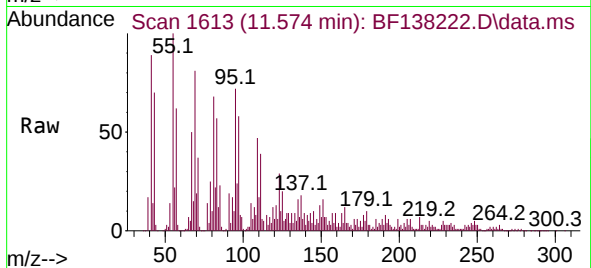
76 17.7 0.0 34.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1163
Delta R.T. 0.159 min
Lab File: BF138222.D
Acq: 18 Jun 2024 14:02

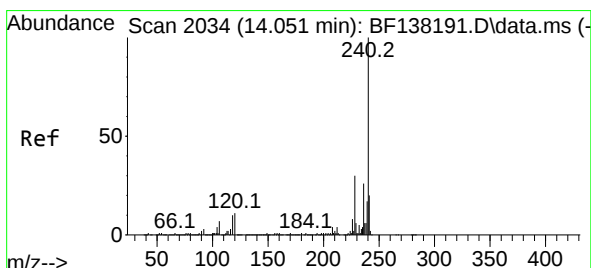
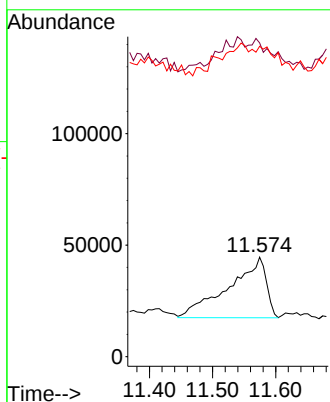
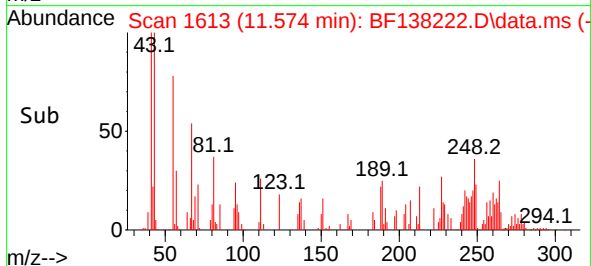
Instrument :
BNA_F
ClientSampleId :
DAMAGED-CONC



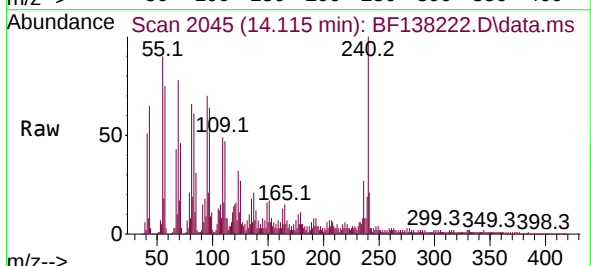
Tgt Ion:188 Resp: 111639
Ion Ratio Lower Upper
188 100
94 315.1 7.6 11.4
80 311.8 8.1 12.1

Manual Integrations
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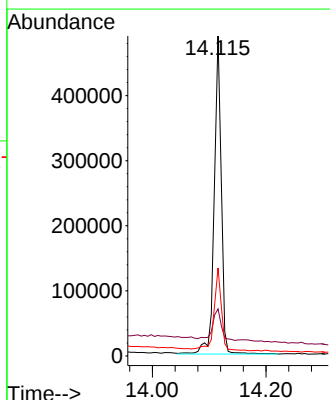
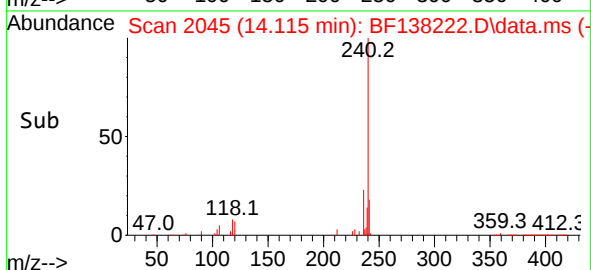
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

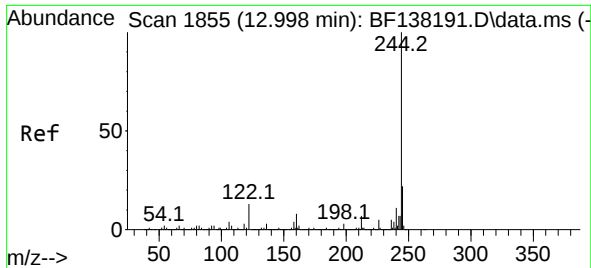


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2045
Delta R.T. 0.065 min
Lab File: BF138222.D
Acq: 18 Jun 2024 14:02



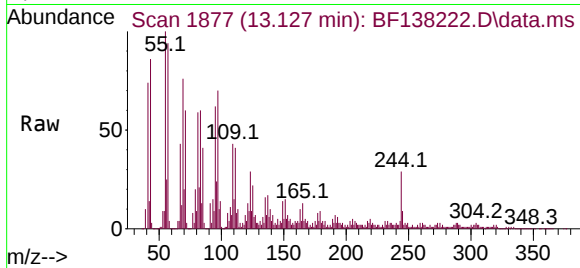
Tgt Ion:240 Resp: 422310
Ion Ratio Lower Upper
240 100
120 14.7 9.2 13.8
236 27.5 21.0 31.6





#79
Terphenyl-d14
Concen: 17.786 ng
RT: 13.127 min Scan# 1855
Delta R.T. 0.129 min
Lab File: BF138222.D
Acq: 18 Jun 2024 14:02

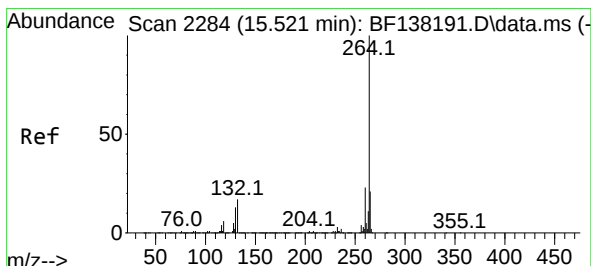
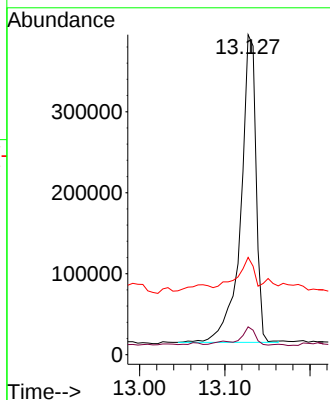
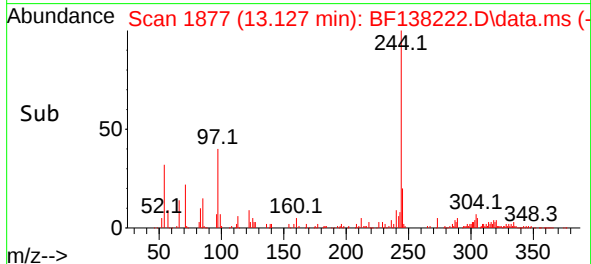
Instrument :
BNA_F
ClientSampleId :
DAMAGED-CONC



Tgt Ion:244 Resp: 474235
Ion Ratio Lower Upper
244 100
212 8.7 5.9 8.9
122 30.4 10.6 15.8

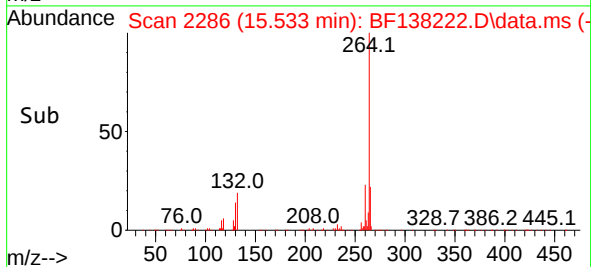
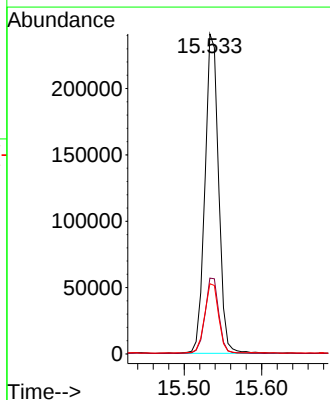
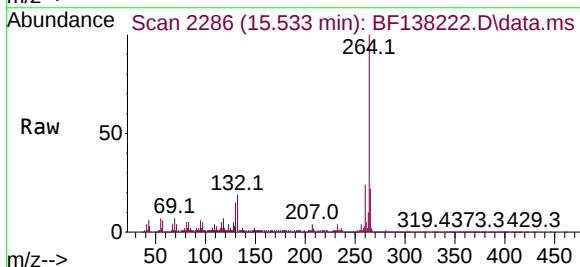
Manual Integrations
APPROVED

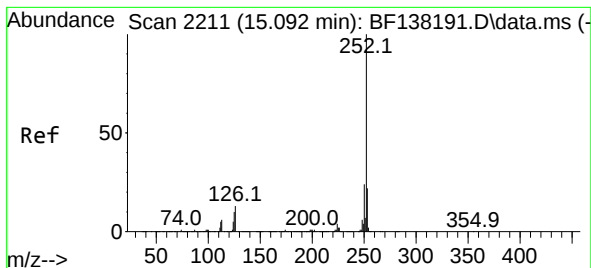
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2286
Delta R.T. 0.012 min
Lab File: BF138222.D
Acq: 18 Jun 2024 14:02

Tgt Ion:264 Resp: 294812
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 22.0 17.0 25.6





#88

Benzo(b)fluoranthene

Concen: 3.151 ng m

RT: 15.110 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF138222.D

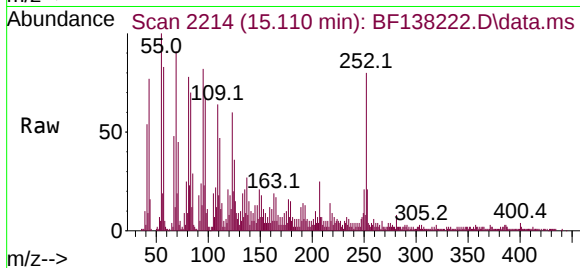
Acq: 18 Jun 2024 14:02

Instrument :

BNA_F

ClientSampleId :

DAMAGED-CONC



Tgt Ion:252 Resp: 5478

Ion Ratio Lower Upper

252 100

253 26.6 17.7 26.5

125 45.0 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024

Supervised By :mohammad ahmed 06/21/2024

