

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
 Data File : BF138374.D
 Acq On : 27 Jun 2024 19:09
 Operator : CG\JU
 Sample : P3076-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7-W-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :Jagrut Upadhyay 06/28/2024

Quant Time: Jun 28 01:13:11 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	237131	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	883360	20.000	ng	-0.02
39) Acenaphthene-d10	9.910	164	423542	20.000	ng	-0.02
64) Phenanthrene-d10	11.398	188	578877	20.000	ng	-0.02
76) Chrysene-d12	14.033	240	485113	20.000	ng	-0.02
86) Perylene-d12	15.504	264	395119	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1080211	76.203	ng	0.00
7) Phenol-d6	6.516	99	1285075	71.492	ng	0.00
23) Nitrobenzene-d5	7.439	82	799978	52.721	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	285581	67.730	ng	-0.02
45) 2-Fluorobiphenyl	9.233	172	1472254	55.274	ng	-0.02
79) Terphenyl-d14	12.980	244	1258150	41.077	ng	-0.02
Target Compounds						
						Qvalue
71) Phenanthrene	11.422	178	75013	2.620	ng	97
75) Fluoranthene	12.610	202	108230	3.708	ng	98
78) Pyrene	12.839	202	102151	2.441	ng	98
88) Benzo(b)fluoranthene	15.074	252	55430m	2.379	ng	

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

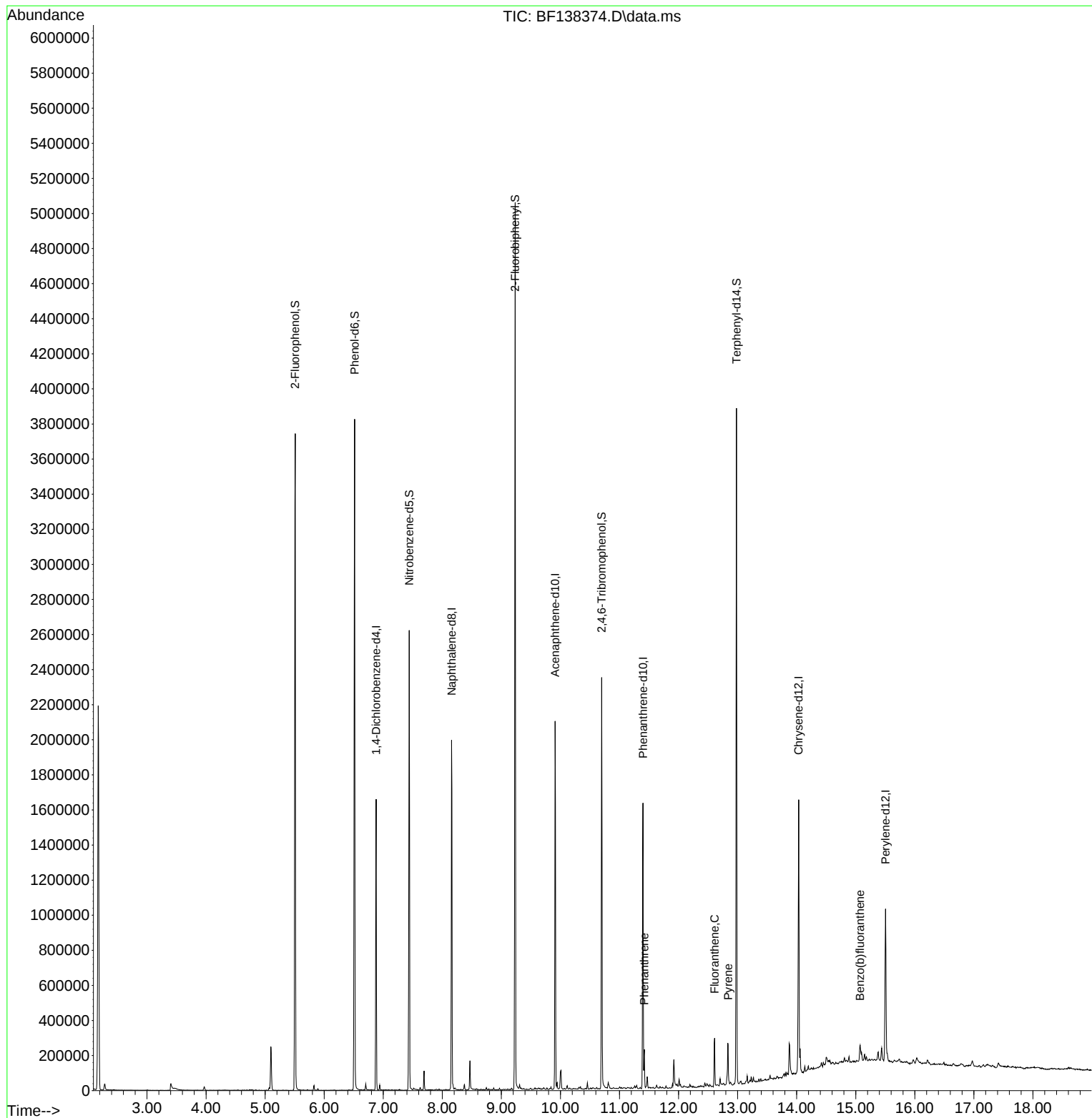
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
Data File : BF138374.D
Acq On : 27 Jun 2024 19:09
Operator : CG\JU
Sample : P3076-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

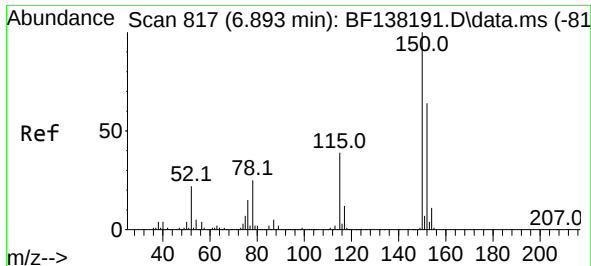
Instrument :
BNA_F
ClientSampleId :
7-W-1

Quant Time: Jun 28 01:13:11 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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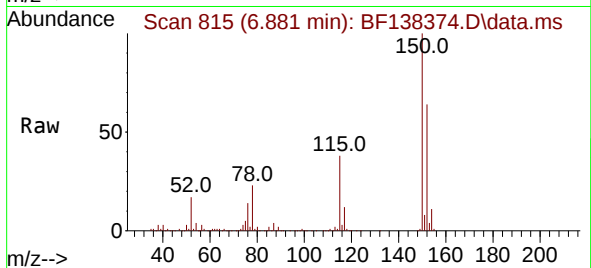
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

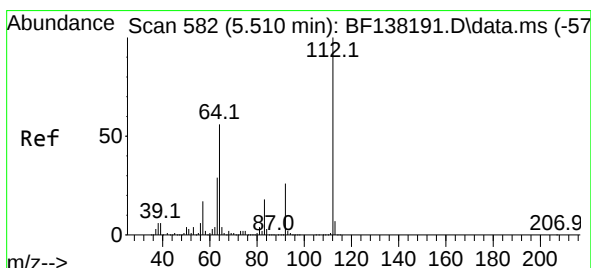
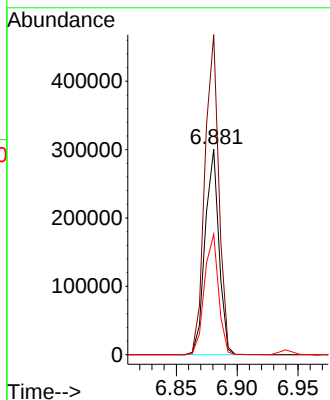
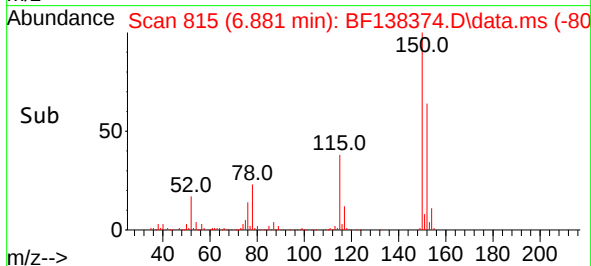
Instrument :
BNA_F
ClientSampleId :
7-W-1



Tgt Ion:152 Resp: 23713
Ion Ratio Lower Upper
152 100
150 155.8 125.0 187.4
115 58.6 48.4 72.6

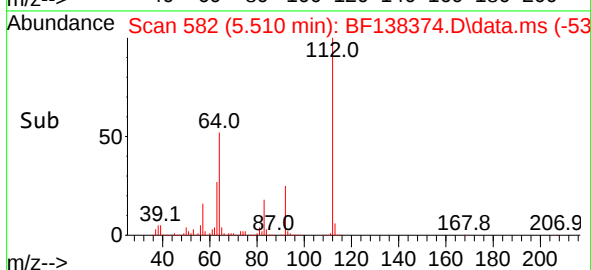
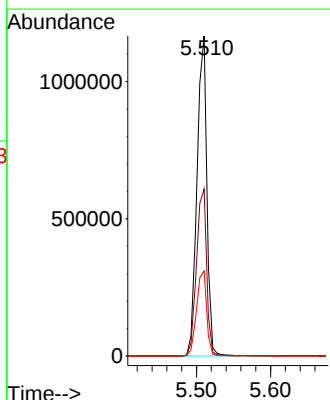
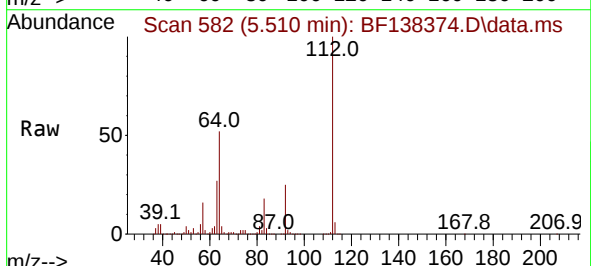
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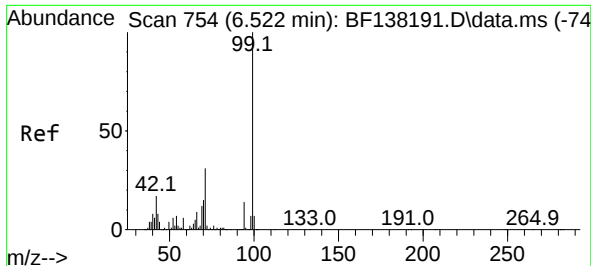
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024



#5
2-Fluorophenol
Concen: 76.203 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

Tgt Ion:112 Resp: 1080211
Ion Ratio Lower Upper
112 100
64 52.2 45.2 67.8
63 26.6 22.9 34.3





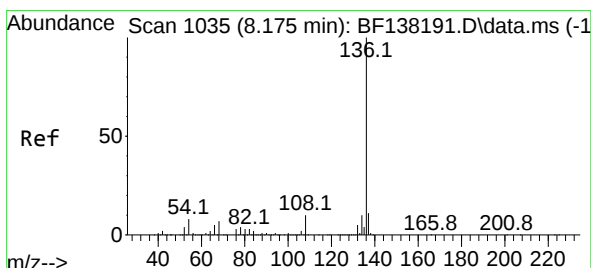
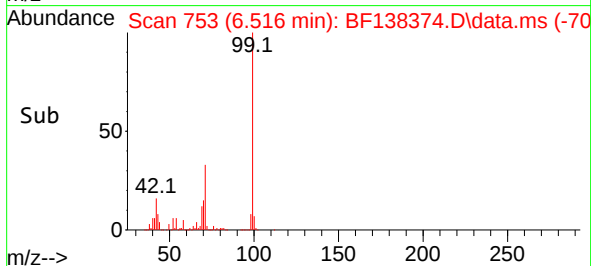
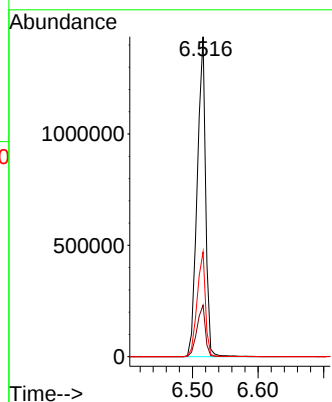
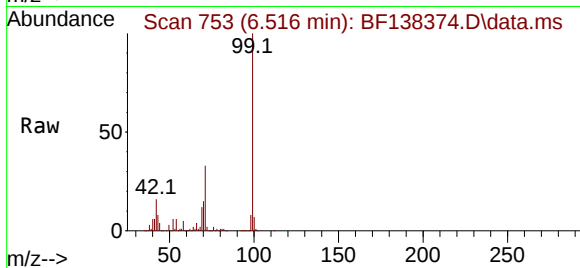
#7
Phenol-d6
Concen: 71.492 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

Instrument :
BNA_F
ClientSampleId :
7-W-1

Tgt Ion: 99 Resp: 128507
Ion Ratio Lower Upper
99 100
42 16.1 13.7 20.5
71 32.7 25.0 37.6

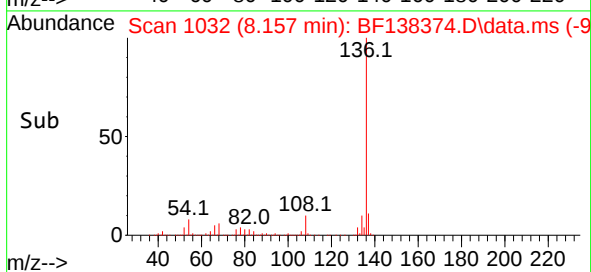
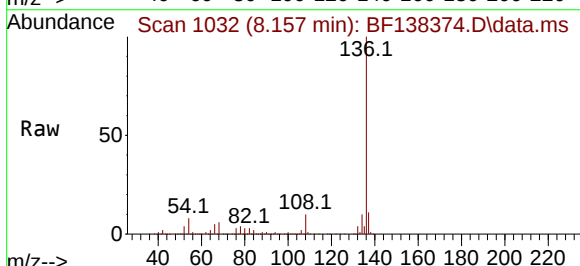
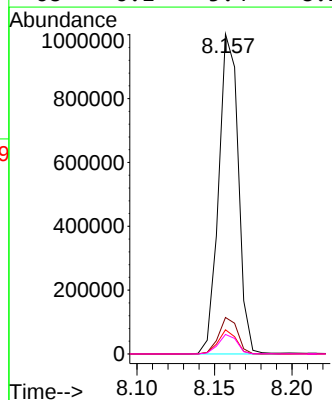
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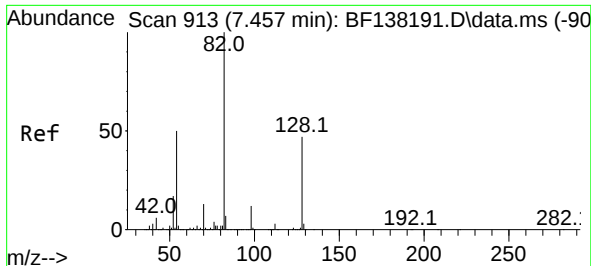
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

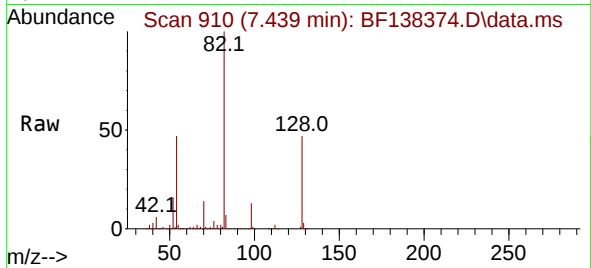
Tgt Ion:136 Resp: 883360
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.6 6.6 10.0
68 6.1 5.4 8.2





#23
Nitrobenzene-d5
Concen: 52.721 ng
RT: 7.439 min Scan# 913
Delta R.T. -0.018 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

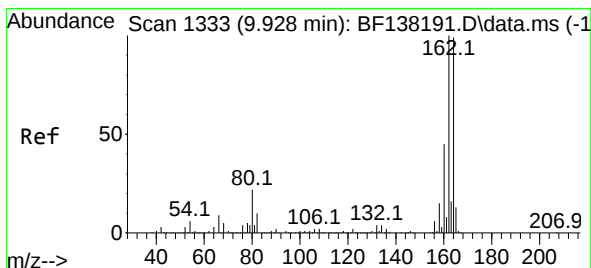
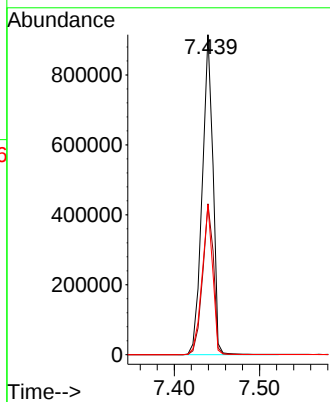
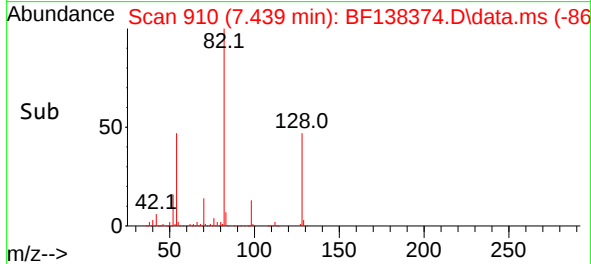
Instrument :
BNA_F
ClientSampleId :
7-W-1



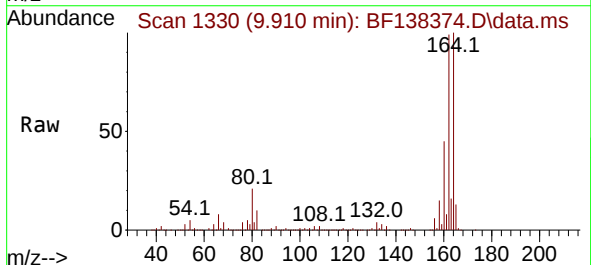
Tgt Ion: 82 Resp: 799978
Ion Ratio Lower Upper
82 100
128 47.1 37.2 55.8
54 46.9 39.8 59.6

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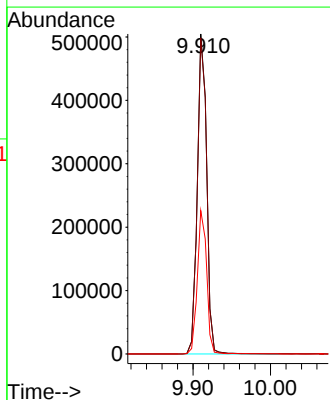
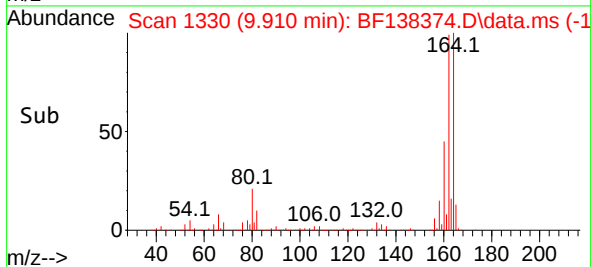
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024

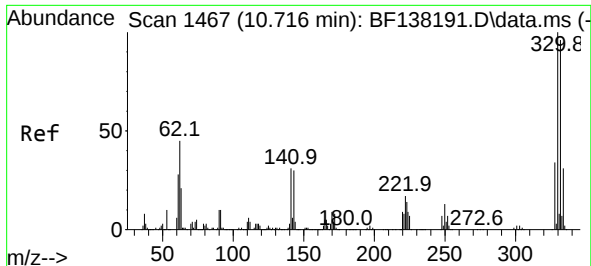


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.018 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09



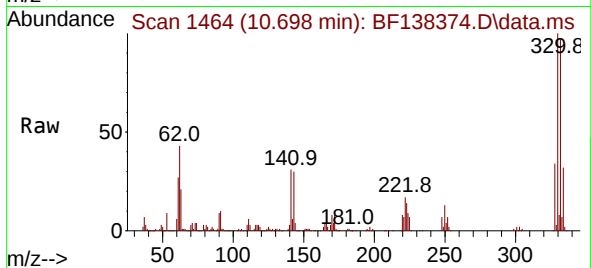
Tgt Ion:164 Resp: 423542
Ion Ratio Lower Upper
164 100
162 98.8 80.6 121.0
160 44.8 36.3 54.5





#42
2,4,6-Tribromophenol
Concen: 67.730 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.018 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

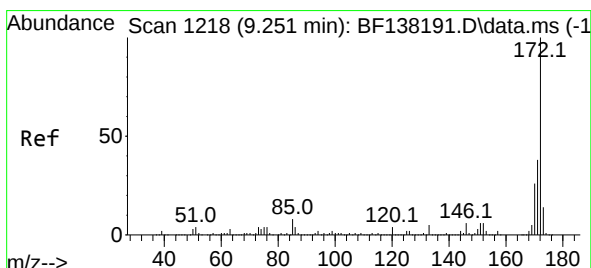
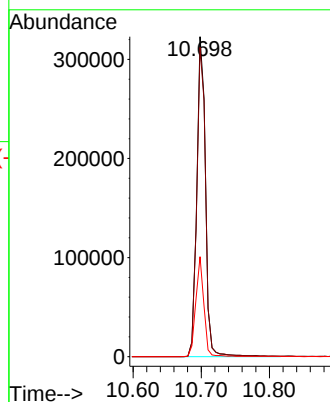
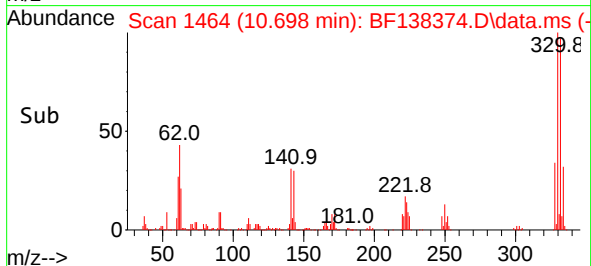
Instrument :
BNA_F
ClientSampleId :
7-W-1



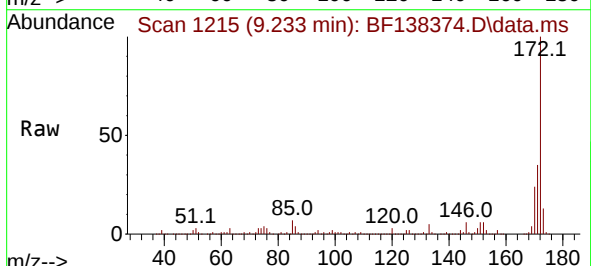
Tgt Ion: 330 Resp: 28558
Ion Ratio Lower Upper
330 100
332 98.1 76.6 115.0
141 29.2 23.9 35.9

Manual Integrations
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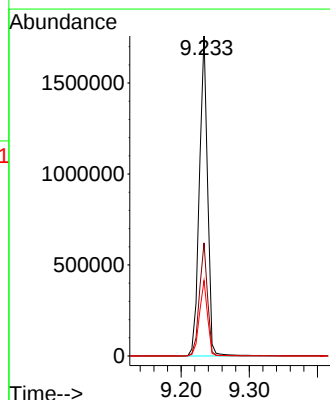
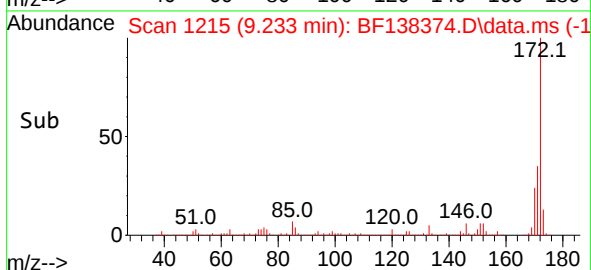
Reviewed By : Yogesh Patel 06/28/2024
Supervised By : Jagrut Upadhyay 06/28/2024

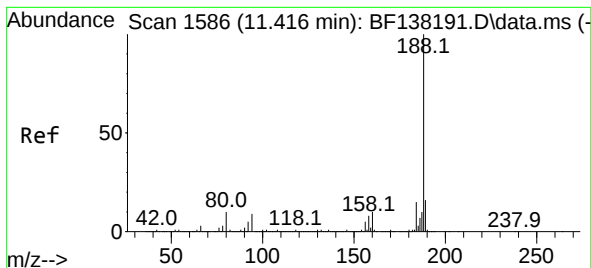


#45
2-Fluorobiphenyl
Concen: 55.274 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.018 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09



Tgt Ion: 172 Resp: 1472254
Ion Ratio Lower Upper
172 100
171 35.3 30.3 45.5
170 23.6 20.6 30.8





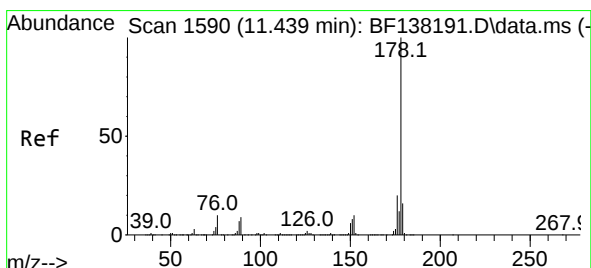
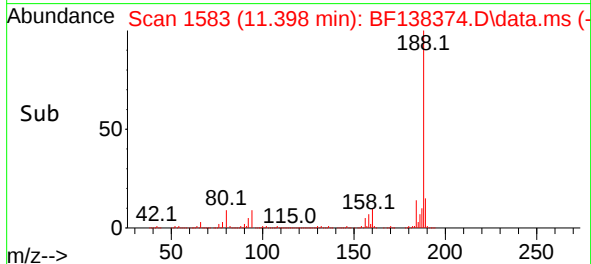
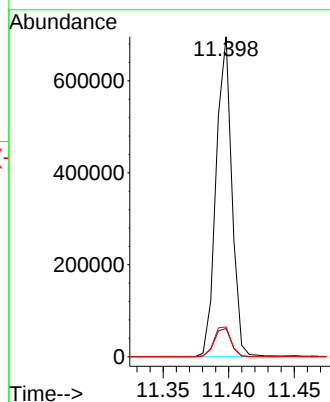
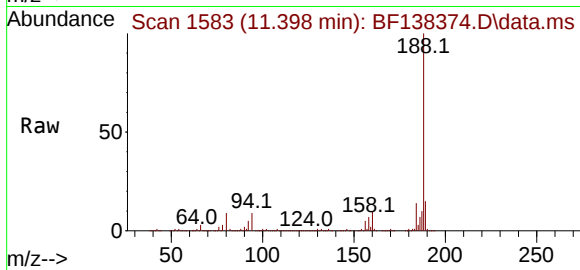
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1587
Delta R.T. -0.018 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

Instrument :
BNA_F
ClientSampleId :
7-W-1

Tgt Ion:188 Resp: 57887
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 9.3 8.1 12.1

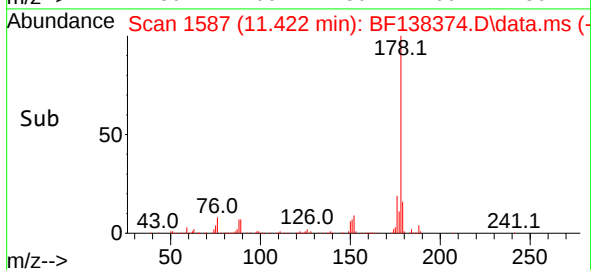
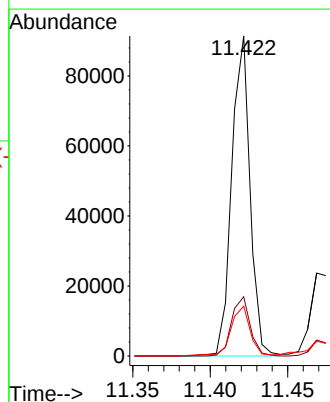
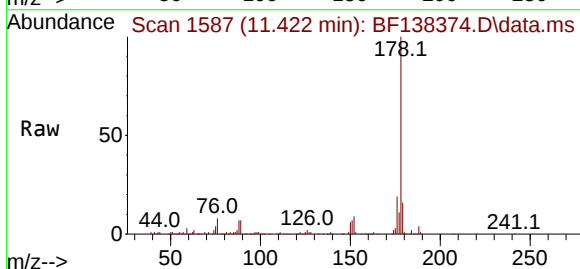
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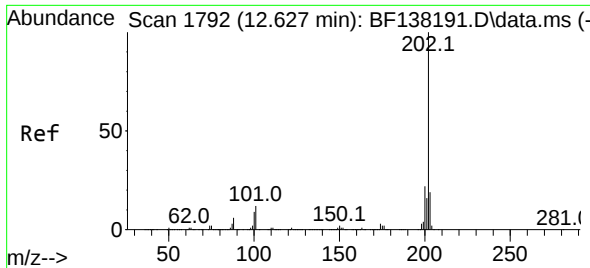
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024



#71
Phenanthrene
Concen: 2.620 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.018 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

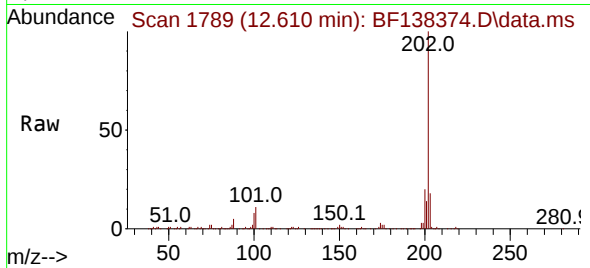
Tgt Ion:178 Resp: 75013
Ion Ratio Lower Upper
178 100
176 18.5 16.4 24.6
179 15.5 13.1 19.7





#75
Fluoranthene
Concen: 3.708 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.018 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

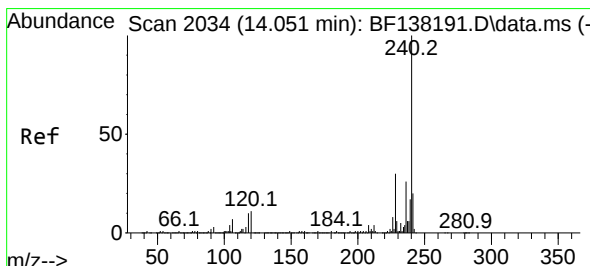
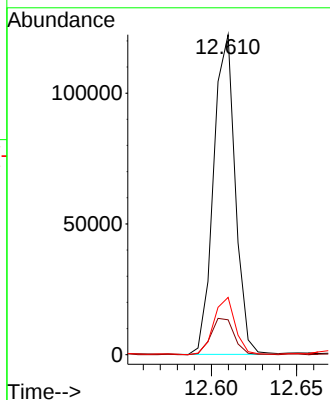
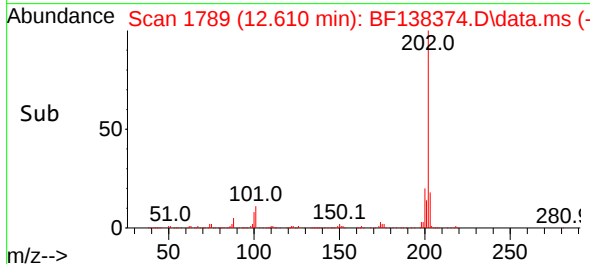
Instrument :
BNA_F
ClientSampleId :
7-W-1



Tgt Ion:202 Resp: 108230
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.8
203 17.9 0.0 38.6

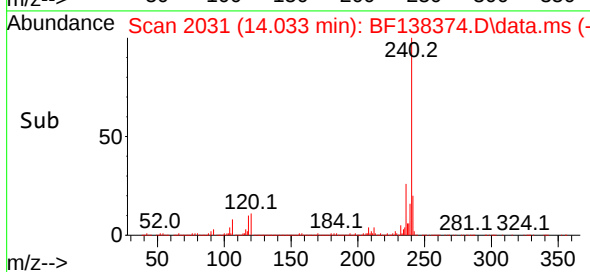
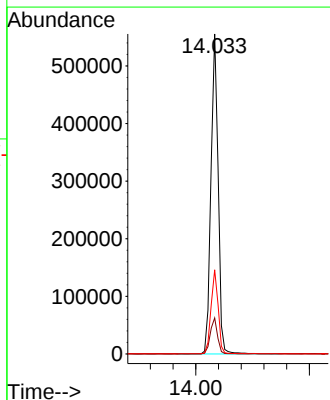
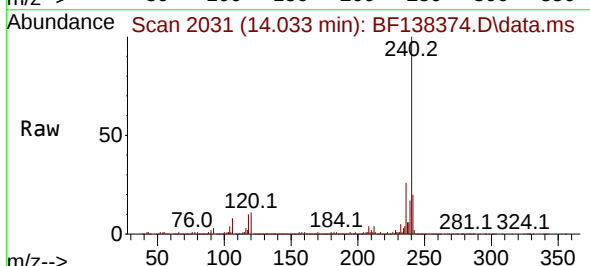
Manual Integrations
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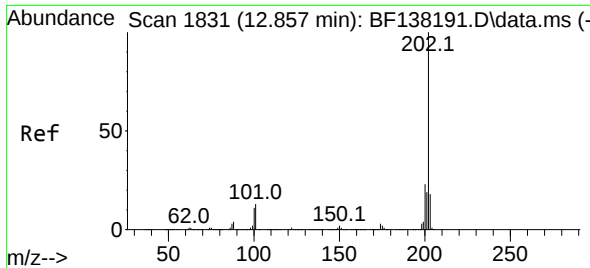
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

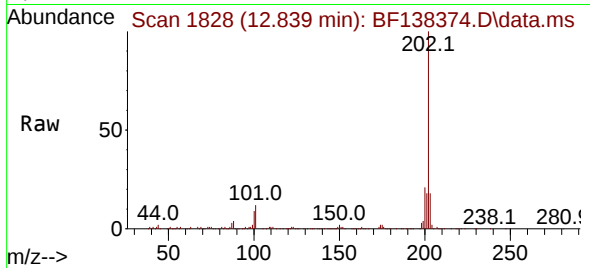
Tgt Ion:240 Resp: 485113
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 26.3 21.0 31.6





#78
Pyrene
Concen: 2.441 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.018 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

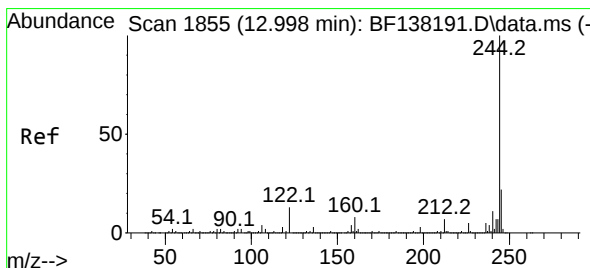
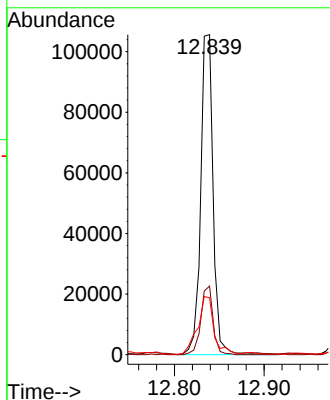
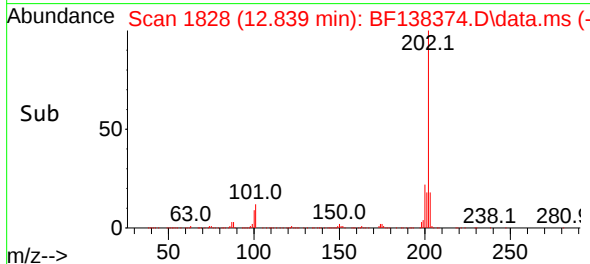
Instrument :
BNA_F
ClientSampleId :
7-W-1



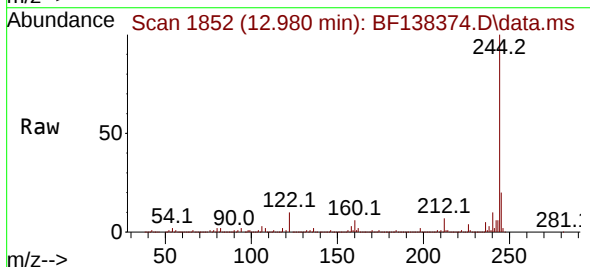
Tgt Ion:202 Resp: 10215
Ion Ratio Lower Upper
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200 21.5 18.0 27.0
203 17.8 14.7 22.1

Manual Integrations
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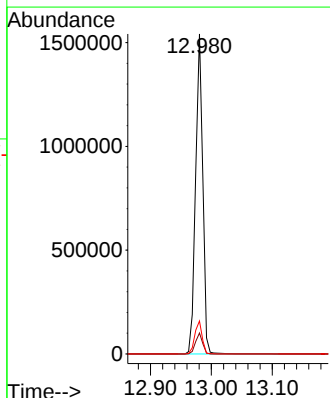
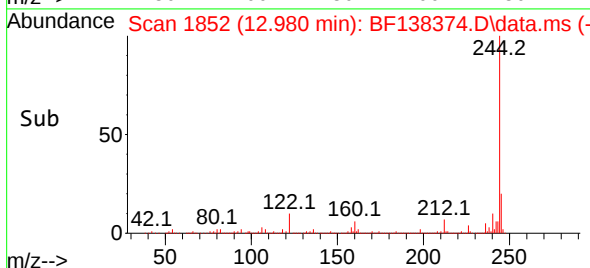
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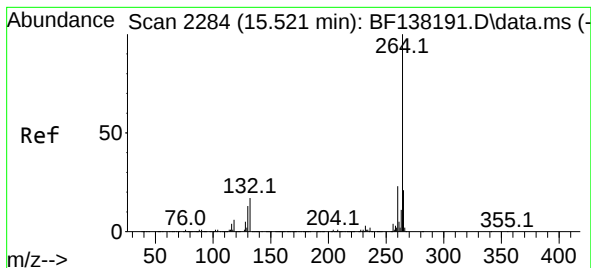


#79
Terphenyl-d14
Concen: 41.077 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.018 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09



Tgt Ion:244 Resp: 1258150
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 10.3 10.6 15.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF138374.D

Acq: 27 Jun 2024 19:09

Instrument :

BNA_F

ClientSampleId :

7-W-1

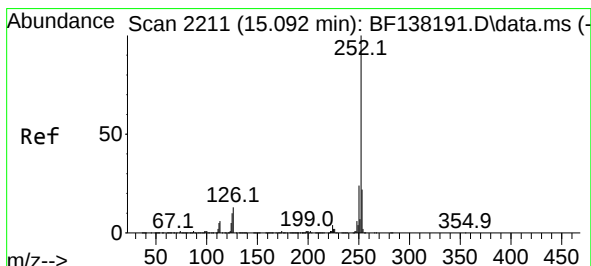
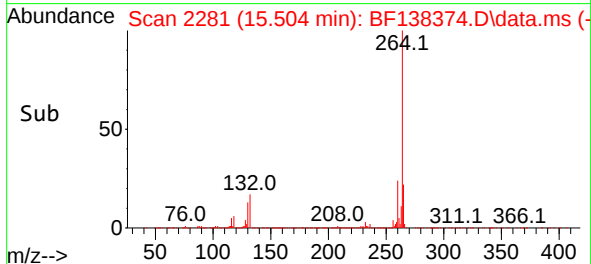
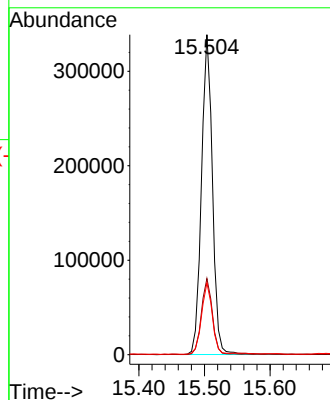
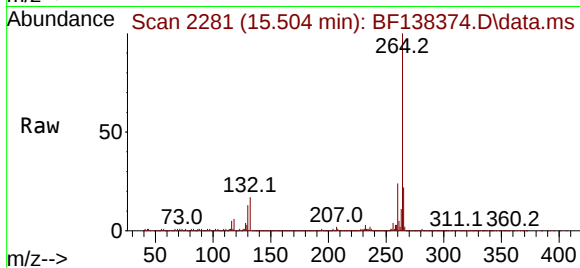
Tgt Ion:264 Resp: 395119
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 22.4 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2024

Supervised By :Jagrut Upadhyay 06/28/2024



#88

Benzo(b)fluoranthene

Concen: 2.379 ng m

RT: 15.074 min Scan# 2208

Delta R.T. -0.018 min

Lab File: BF138374.D

Acq: 27 Jun 2024 19:09

Tgt Ion:252 Resp: 55430
 Ion Ratio Lower Upper
 252 100
 253 23.9 17.7 26.5
 125 12.9 7.8 11.8#

