

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
 Data File : BF132562.D
 Acq On : 27 Feb 2023 20:20
 Operator : CG\JU
 Sample : 01700-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1R

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/28/2023
 Supervised By :Jagrut Upadhyay 02/28/2023

Quant Time: Feb 28 03:18:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.001	152	159218	20.000	ng	0.00
21) Naphthalene-d8	8.289	136	561727	20.000	ng	0.00
39) Acenaphthene-d10	10.048	164	276542	20.000	ng	0.00
64) Phenanthrene-d10	11.542	188	440625	20.000	ng	0.00
76) Chrysene-d12	14.207	240	335473	20.000	ng	0.00
86) Perylene-d12	15.760	264	248764	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.631	112	633954	64.621	ng	0.00
7) Phenol-d6	6.625	99	840598	65.655	ng	-0.01
23) Nitrobenzene-d5	7.566	82	549527	46.414	ng	0.00
42) 2,4,6-Tribromophenol	10.842	330	183763	61.530	ng	0.00
45) 2-Fluorobiphenyl	9.366	172	880016	48.454	ng	0.00
79) Terphenyl-d14	13.136	244	1382980	69.701	ng	0.00
Target Compounds						
75) Fluoranthene	12.766	202	74459	2.984	ng	Qvalue 97
78) Pyrene	12.995	202	68483	2.245	ng	99
88) Benzo(b)fluoranthene	15.295	252	42618m	2.556	ng	
92) Benzo(g,h,i)perylene	17.842	276	14672	2.559	ng	# 82

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

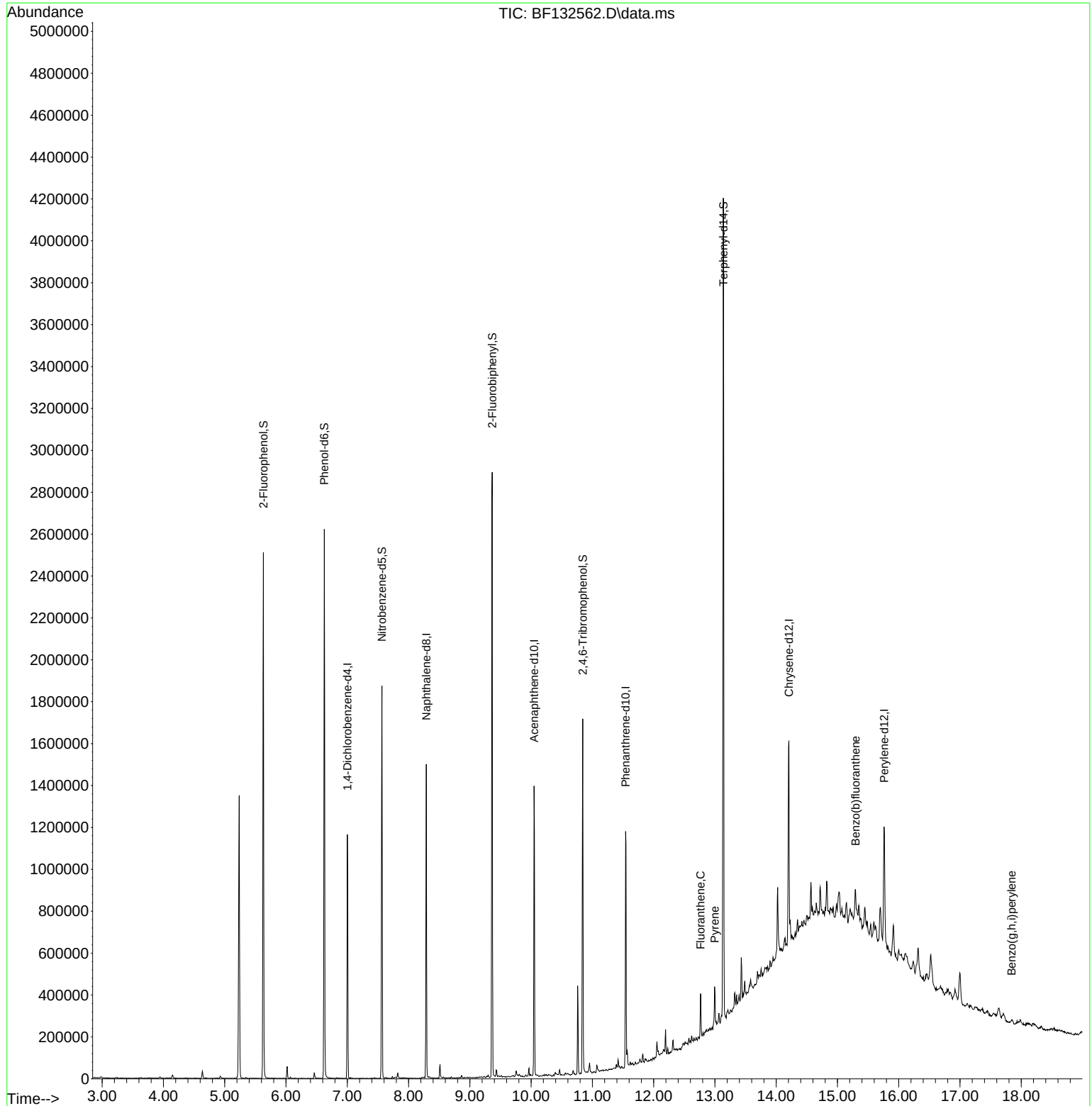
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
Data File : BF132562.D
Acq On : 27 Feb 2023 20:20
Operator : CG\JU
Sample : 01700-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

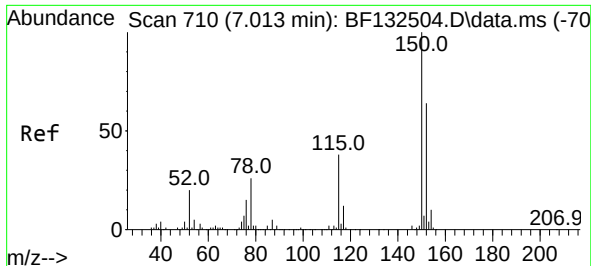
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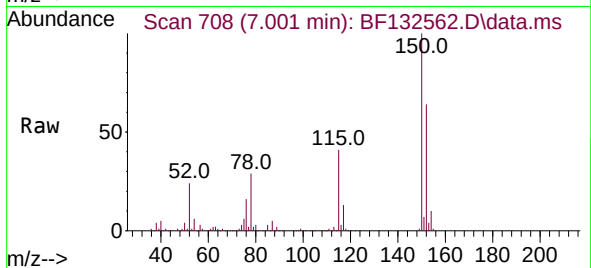
Quant Time: Feb 28 03:18:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 23:17:30 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.001 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20

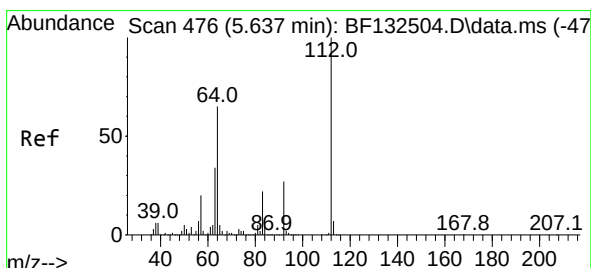
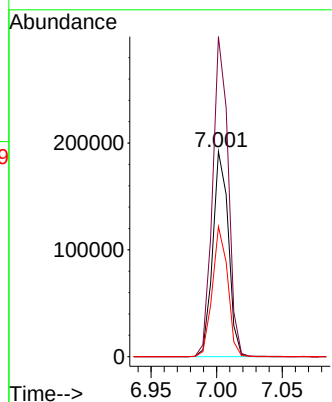
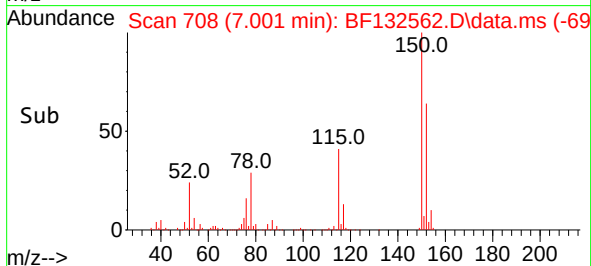
Instrument :
BNA_F
ClientSampleId :
MW-1R



Tgt Ion:152 Resp: 159218
Ion Ratio Lower Upper
152 100
150 156.0 125.4 188.2
115 63.4 47.8 71.6

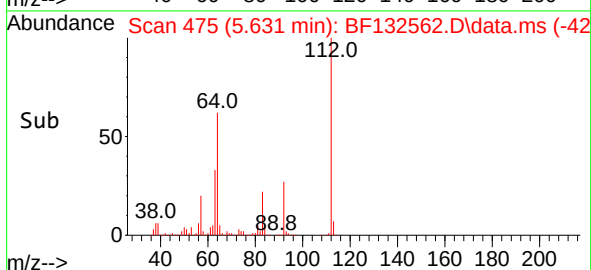
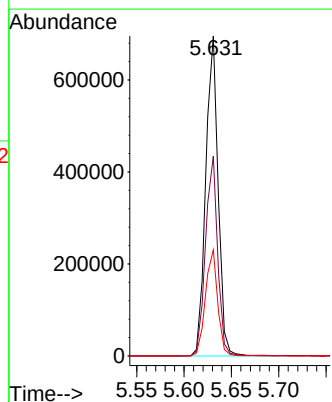
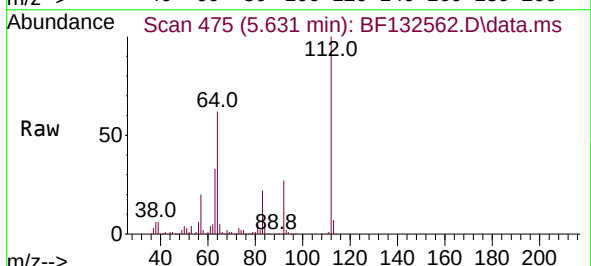
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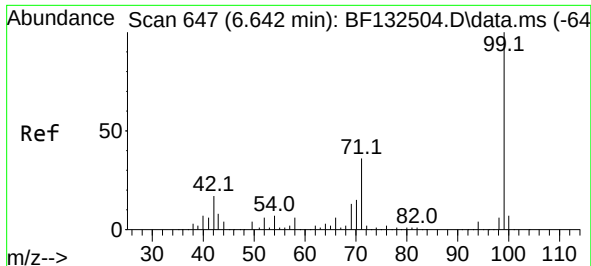
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#5
2-Fluorophenol
Concen: 64.621 ng
RT: 5.631 min Scan# 475
Delta R.T. 0.000 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20

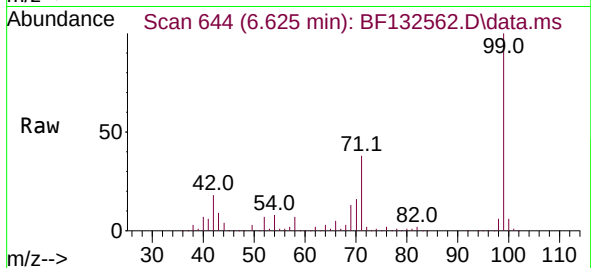
Tgt Ion:112 Resp: 633954
Ion Ratio Lower Upper
112 100
64 62.4 51.6 77.4
63 33.1 27.4 41.2





#7
Phenol-d6
Concen: 65.655 ng
RT: 6.625 min Scan# 64
Delta R.T. -0.012 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20

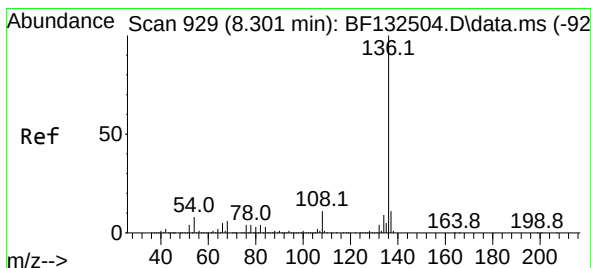
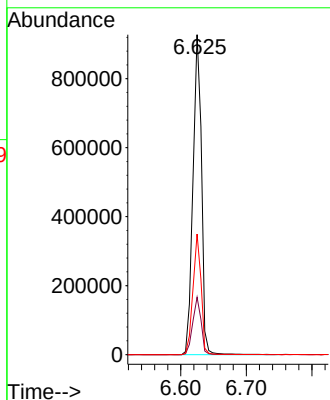
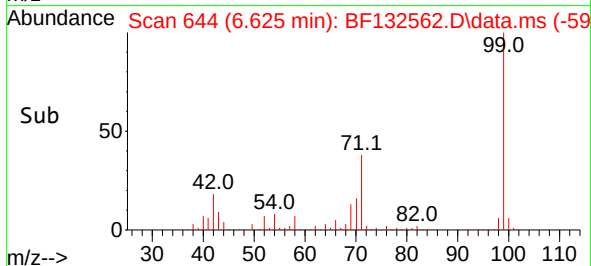
Instrument :
BNA_F
ClientSampleId :
MW-1R



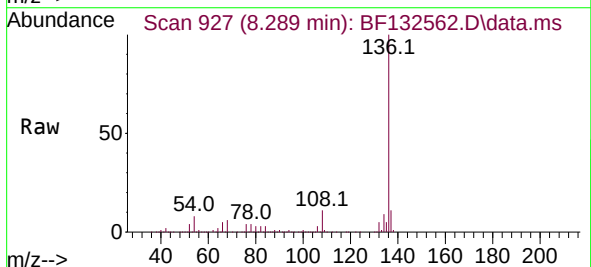
Tgt Ion: 99 Resp: 840598
Ion Ratio Lower Upper
99 100
42 18.0 13.9 20.9
71 37.7 28.5 42.7

Manual Integrations
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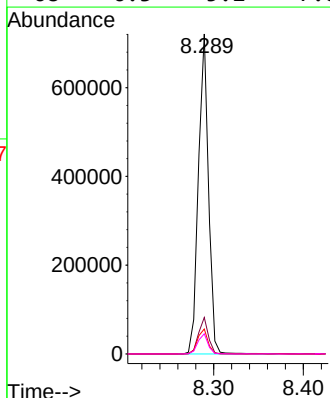
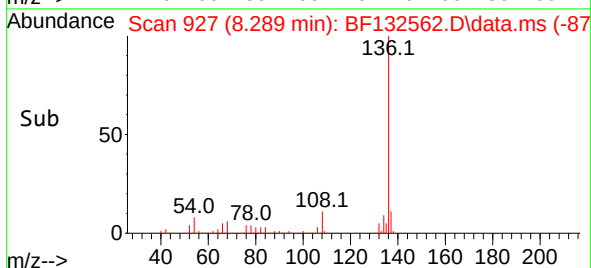
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

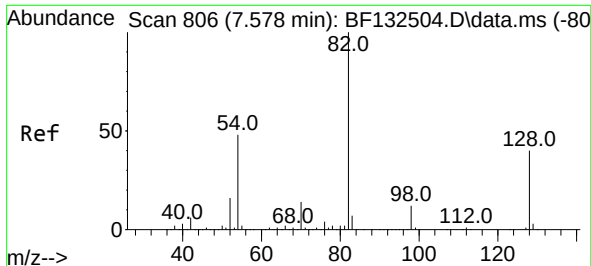


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.289 min Scan# 927
Delta R.T. 0.000 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20



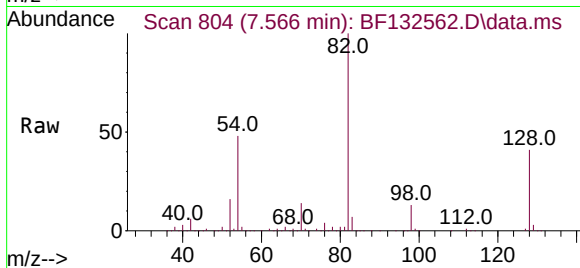
Tgt Ion:136 Resp: 561727
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.8 6.2 9.4
68 6.3 5.2 7.8





#23
Nitrobenzene-d5
Concen: 46.414 ng
RT: 7.566 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20

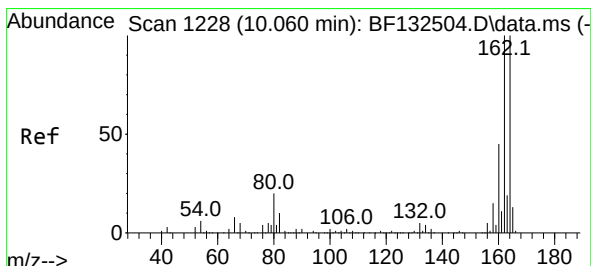
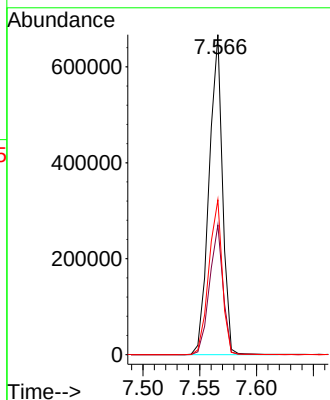
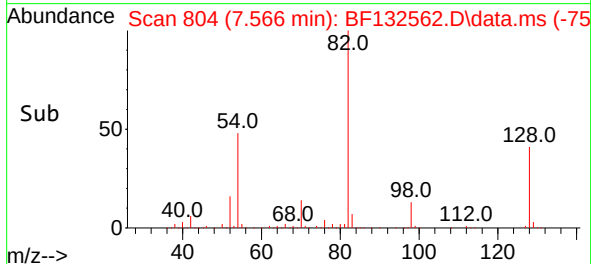
Instrument :
BNA_F
ClientSampleId :
MW-1R



Tgt Ion: 82 Resp: 549527
Ion Ratio Lower Upper
82 100
128 40.5 32.2 48.2
54 48.4 38.4 57.6

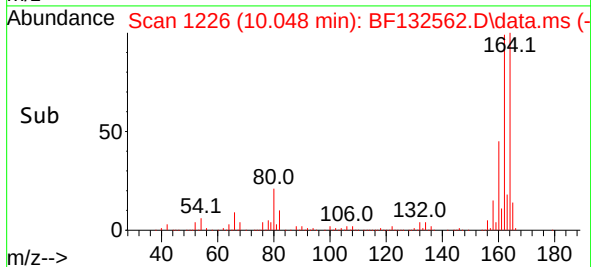
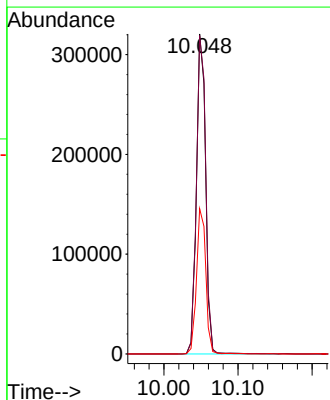
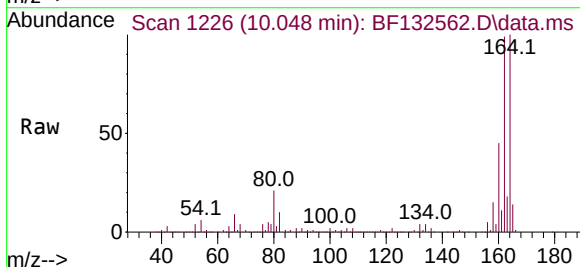
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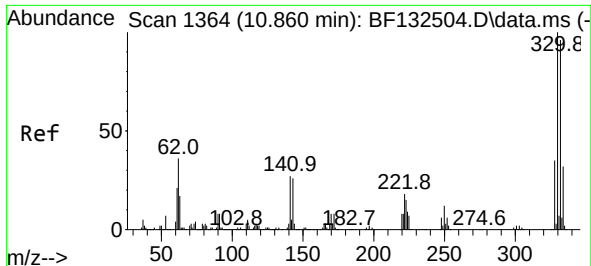
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.048 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20

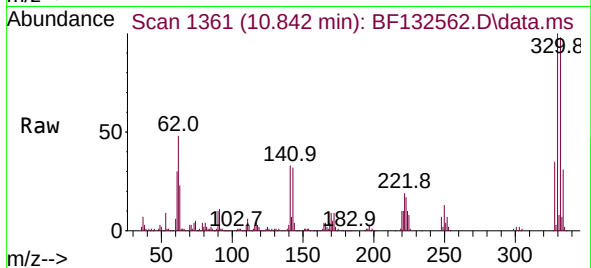
Tgt Ion:164 Resp: 276542
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.8
160 45.4 35.8 53.6





#42
2,4,6-Tribromophenol
Concen: 61.530 ng
RT: 10.842 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20

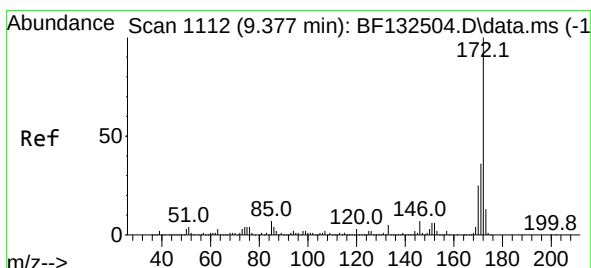
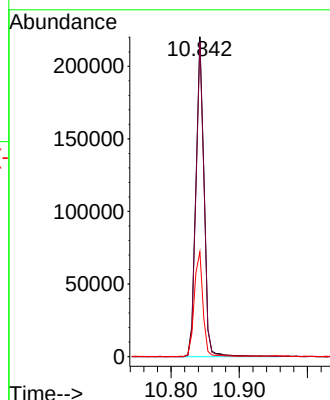
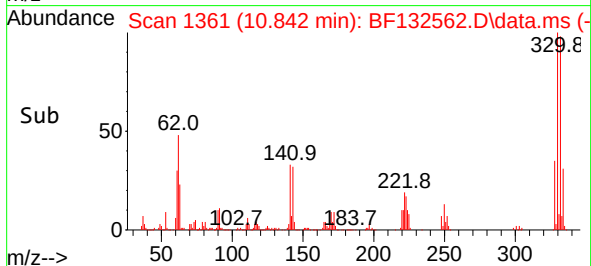
Instrument :
BNA_F
ClientSampleId :
MW-1R



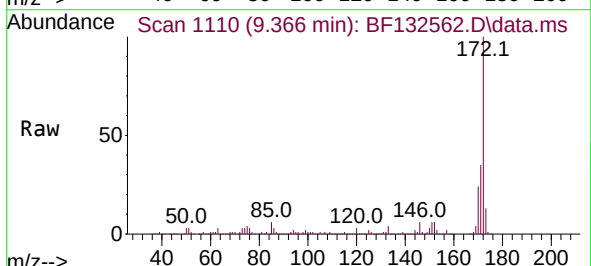
Tgt Ion: 330 Resp: 183763
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 35.1 28.4 42.6

Manual Integrations
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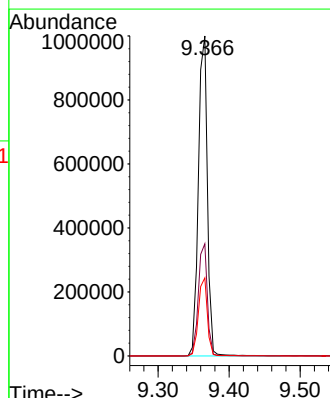
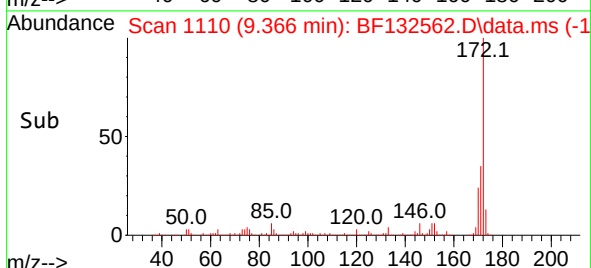
Reviewed By : Yogesh Patel 02/28/2023
Supervised By : Jagrut Upadhyay 02/28/2023

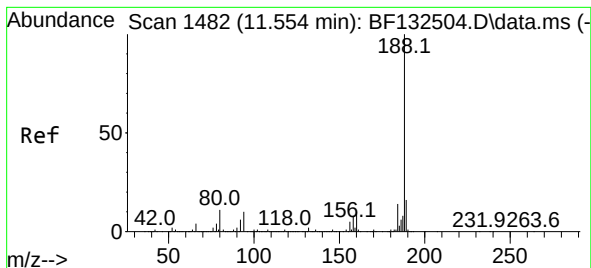


#45
2-Fluorobiphenyl
Concen: 48.454 ng
RT: 9.366 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20



Tgt Ion: 172 Resp: 880016
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 24.4 19.7 29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.542 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF132562.D

Acq: 27 Feb 2023 20:20

Instrument :

BNA_F

ClientSampleId :

MW-1R

Tgt Ion:188 Resp: 440625

Ion Ratio Lower Upper

188 100

94 9.1 8.3 12.5

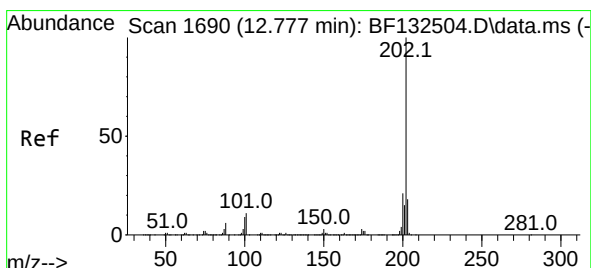
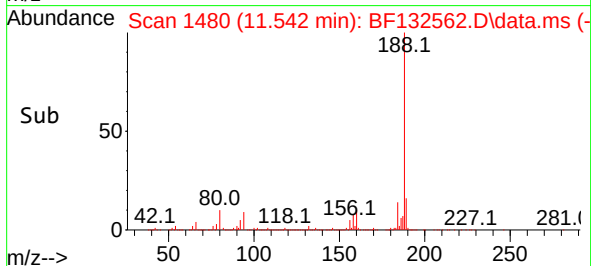
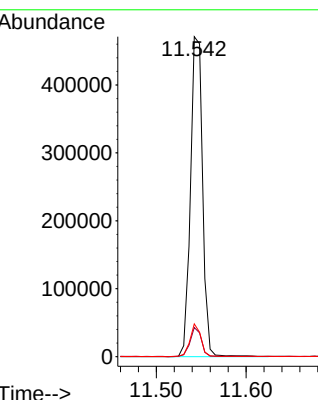
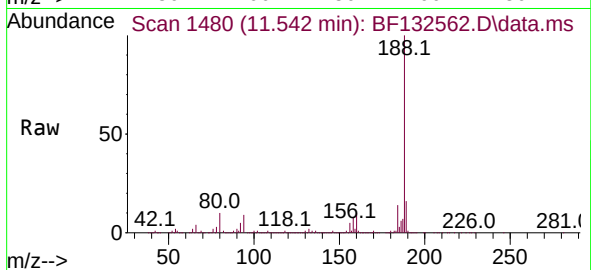
80 10.2 8.7 13.1

Manual Integrations

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#75

Fluoranthene

Concen: 2.984 ng

RT: 12.766 min Scan# 1688

Delta R.T. -0.006 min

Lab File: BF132562.D

Acq: 27 Feb 2023 20:20

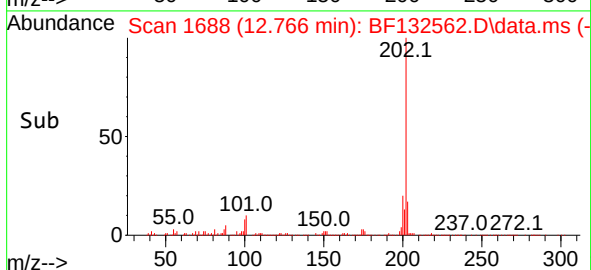
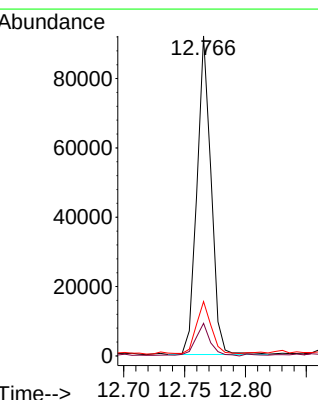
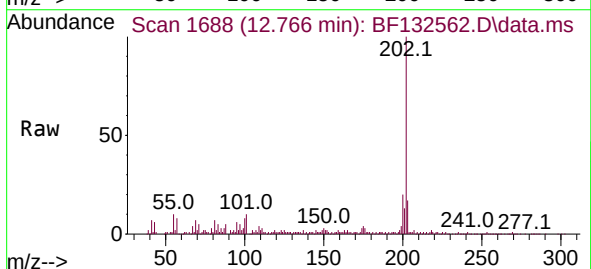
Tgt Ion:202 Resp: 74459

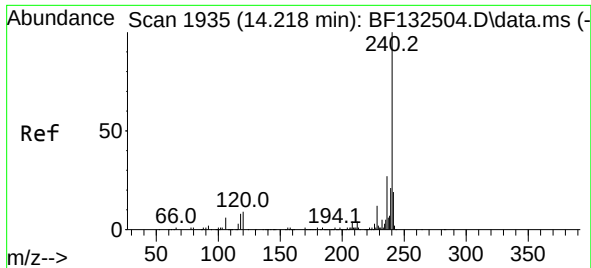
Ion Ratio Lower Upper

202 100

101 10.2 0.0 31.4

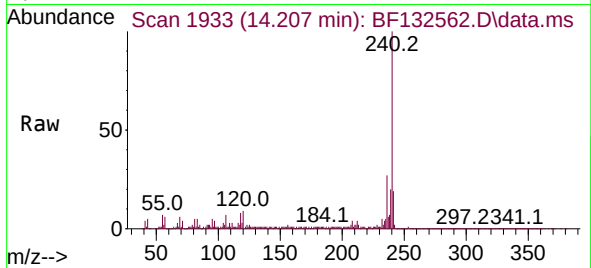
203 17.0 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.207 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20

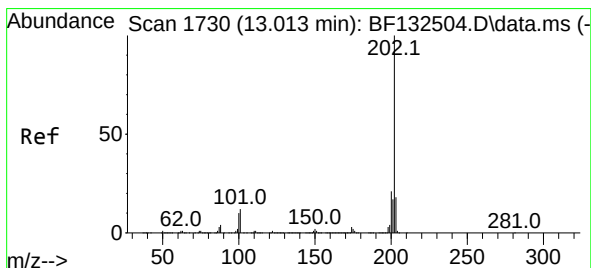
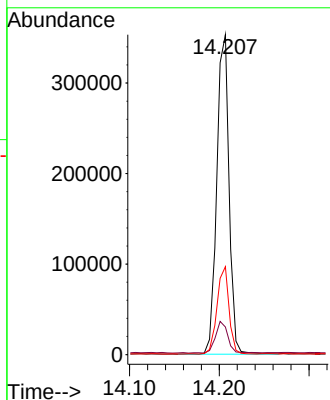
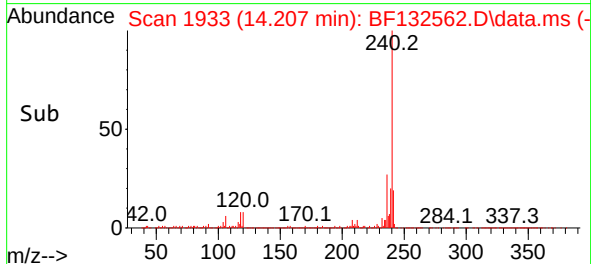
Instrument :
BNA_F
ClientSampleId :
MW-1R



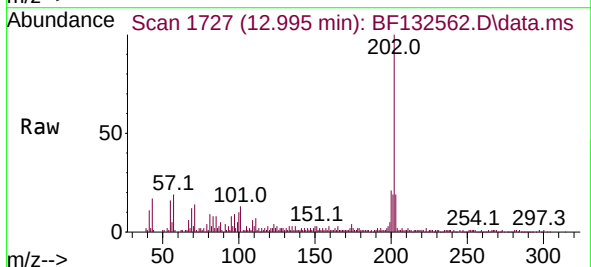
Tgt Ion:240 Resp: 335473
Ion Ratio Lower Upper
240 100
120 8.6 7.2 10.8
236 27.5 21.8 32.6

Manual Integrations
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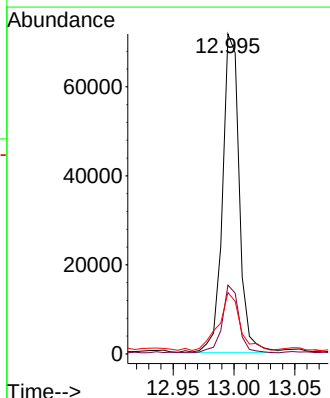
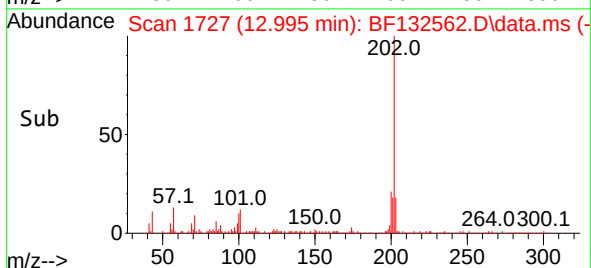
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

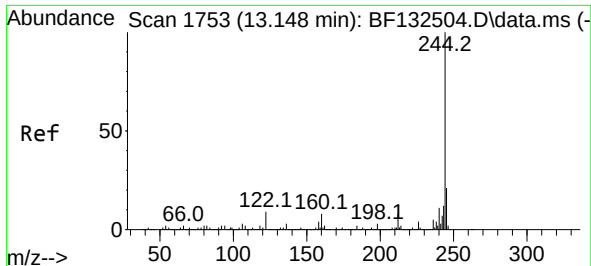


#78
Pyrene
Concen: 2.245 ng
RT: 12.995 min Scan# 1727
Delta R.T. -0.006 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20



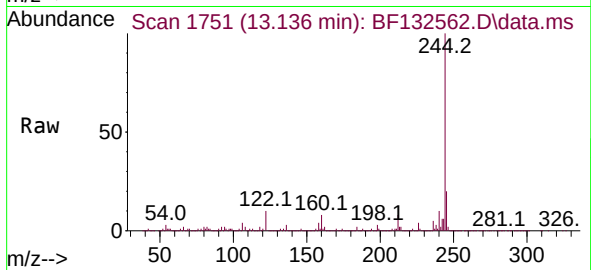
Tgt Ion:202 Resp: 68483
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 19.2 14.6 21.8





#79
 Terphenyl-d14
 Concen: 69.701 ng
 RT: 13.136 min Scan# 1751
 Delta R.T. -0.006 min
 Lab File: BF132562.D
 Acq: 27 Feb 2023 20:20

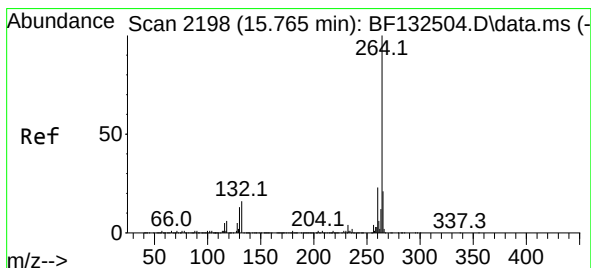
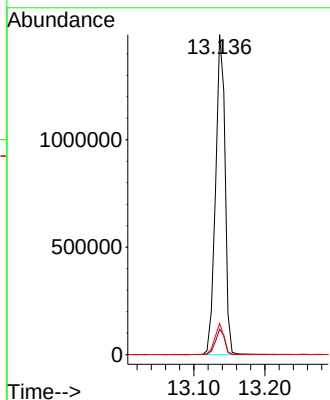
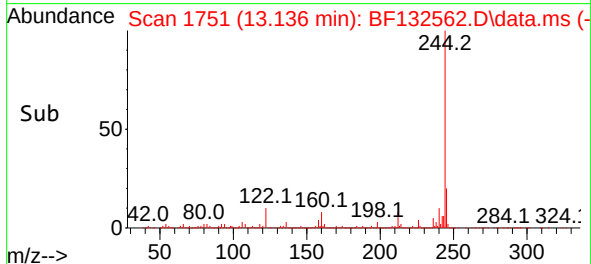
Instrument :
 BNA_F
 ClientSampleId :
 MW-1R



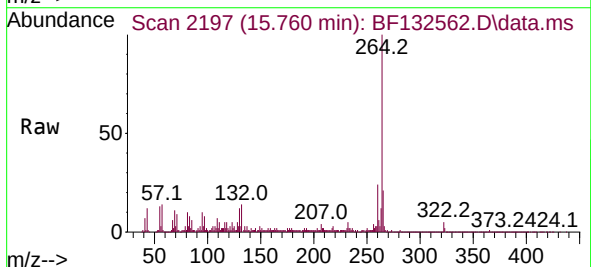
Tgt Ion:244 Resp: 1382980
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 9.7 7.5 11.3

Manual Integrations
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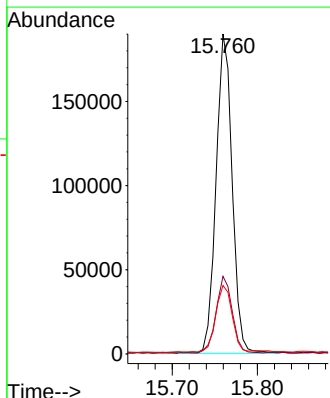
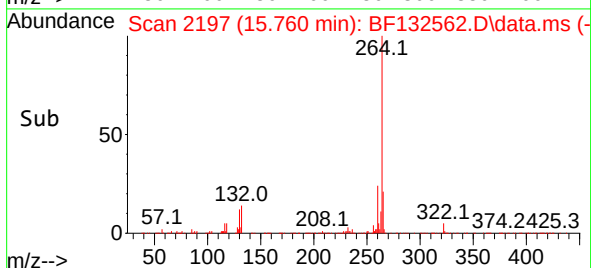
Reviewed By :Yogesh Patel 02/28/2023
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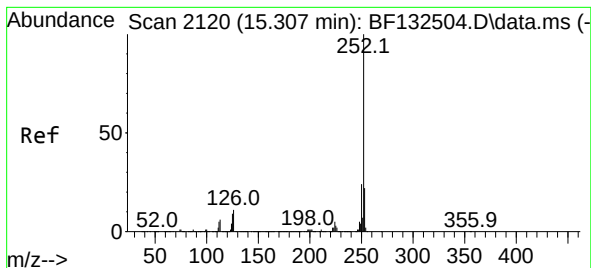


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.760 min Scan# 2197
 Delta R.T. 0.006 min
 Lab File: BF132562.D
 Acq: 27 Feb 2023 20:20



Tgt Ion:264 Resp: 248764
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 21.4 17.1 25.7





#88

Benzo(b)fluoranthene

Concen: 2.556 ng m

RT: 15.295 min Scan# 2118

Delta R.T. 0.000 min

Lab File: BF132562.D

Acq: 27 Feb 2023 20:20

Instrument :

BNA_F

ClientSampleId :

MW-1R

Tgt Ion:252 Resp: 42618

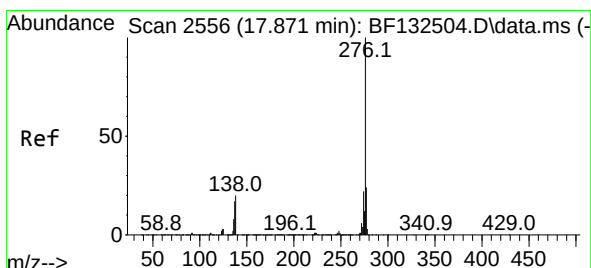
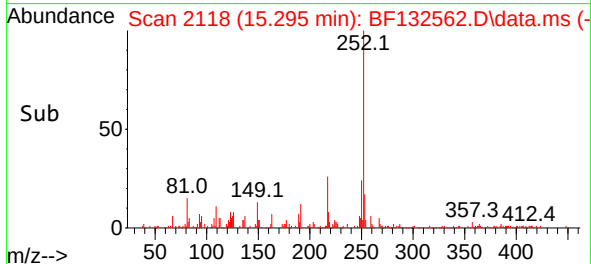
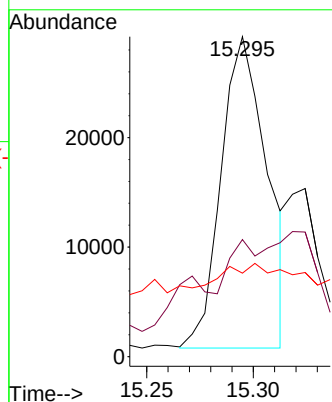
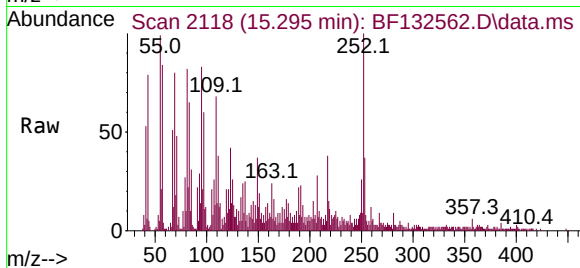
Ion	Ratio	Lower	Upper
252	100		
253	36.6	17.4	26.0
125	26.1	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#92

Benzo(g,h,i)perylene

Concen: 2.559 ng

RT: 17.842 min Scan# 2551

Delta R.T. -0.012 min

Lab File: BF132562.D

Acq: 27 Feb 2023 20:20

Tgt Ion:276 Resp: 14672

Ion	Ratio	Lower	Upper
276	100		
277	31.1	18.9	28.3
138	29.9	16.2	24.4

