

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132312.D
 Acq On : 03 Feb 2023 02:03
 Operator : CG\JU
 Sample : 01348-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-H5(31-32)

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/03/2023
 Supervised By : Jagrut Upadhyay 02/03/2023

Quant Time: Feb 03 04:19:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 01:30:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	143976	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	475631	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	194473	20.000	ng	0.00
64) Phenanthrene-d10	11.625	188	290941	20.000	ng	# 0.00
76) Chrysene-d12	14.289	240	241772	20.000	ng	# 0.00
86) Perylene-d12	15.883	264	216538	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.701	112	936025	104.501	ng	0.02
7) Phenol-d6	6.684	99	1026796	92.983	ng	0.00
23) Nitrobenzene-d5	7.631	82	594577	69.564	ng	0.00
42) 2,4,6-Tribromophenol	10.919	330	206304	103.158	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	957349	76.020	ng	0.00
79) Terphenyl-d14	13.219	244	907510	72.610	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.701	94	49073	4.293	ng	70
22) Acetophenone	7.466	105	173652	15.525	ng	# 97
31) Naphthalene	8.378	128	996357	42.558	ng	99
37) 2-Methylnaphthalene	9.072	142	294809	18.590	ng	100
38) 1-Methylnaphthalene	9.172	142	218516	14.827	ng	98
46) 1,1'-Biphenyl	9.531	154	30744	2.051	ng	90
49) Acenaphthylene	9.983	152	184017	9.874	ng	96
71) Phenanthrene	11.648	178	54430	3.580	ng	# 94
75) Fluoranthene	12.848	202	67478	4.349	ng	90
78) Pyrene	13.083	202	109049	5.608	ng	94
81) Benzo(a)anthracene	14.277	228	64244	3.799	ng	# 92
83) Chrysene	14.313	228	63202	3.992	ng	# 95
88) Benzo(b)fluoranthene	15.407	252	37022m	2.690	ng	
90) Benzo(a)pyrene	15.812	252	26135	2.039	ng	# 76

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

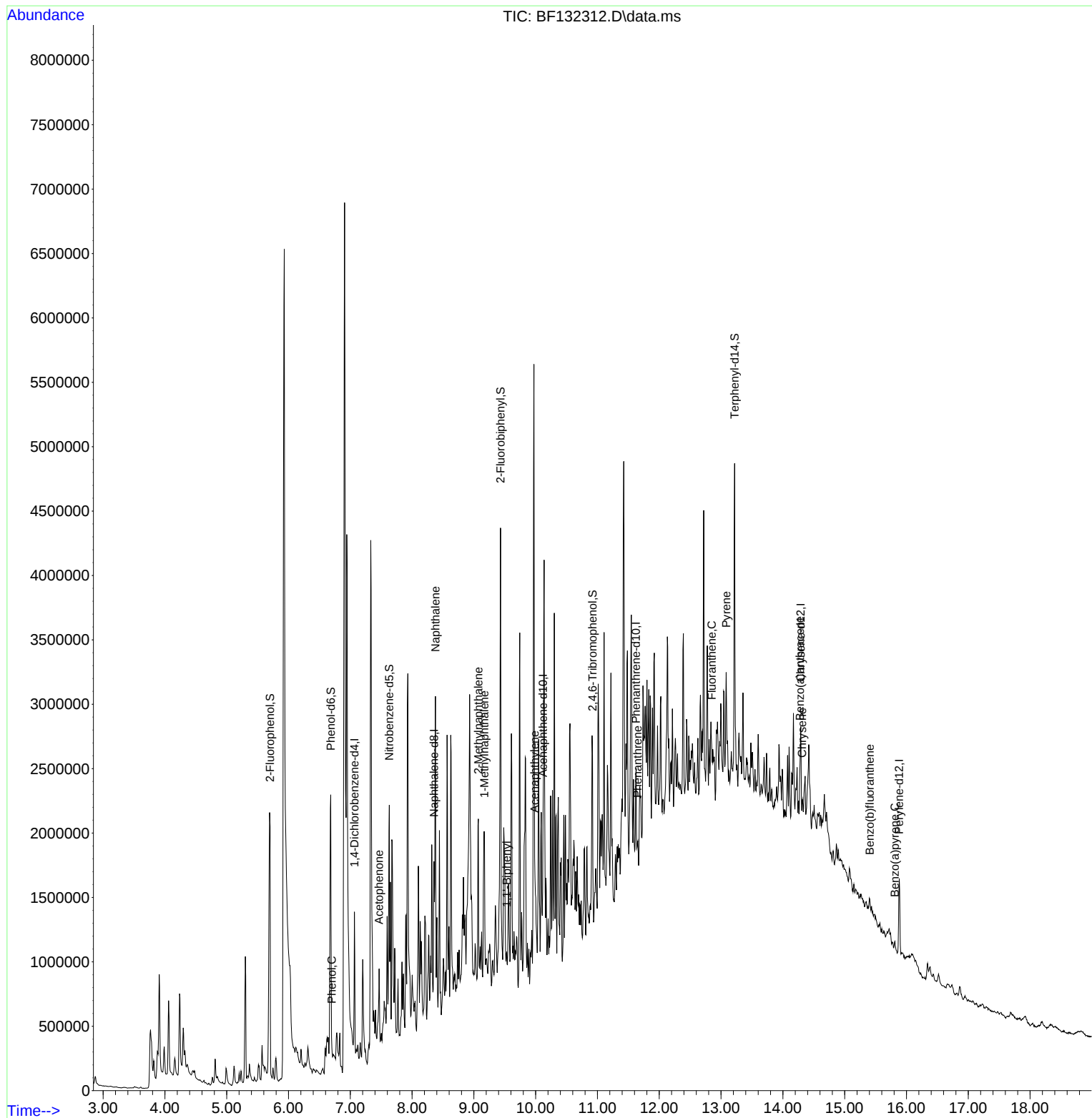
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
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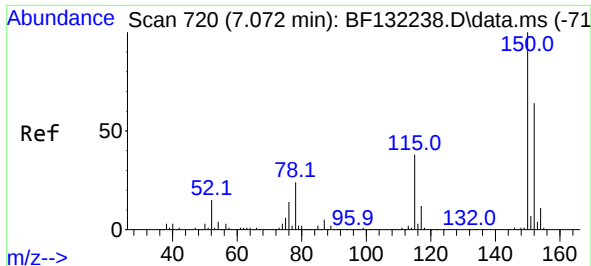
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Quant Time: Feb 03 04:19:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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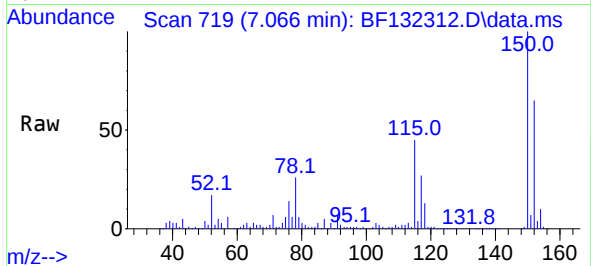
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03

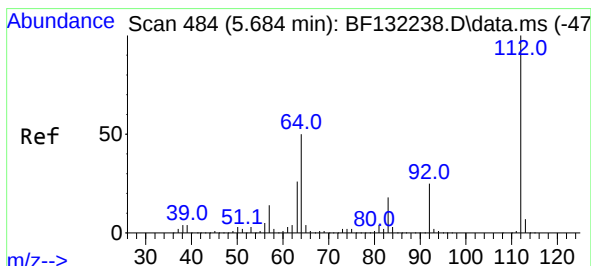
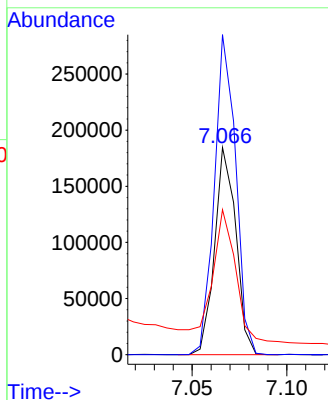
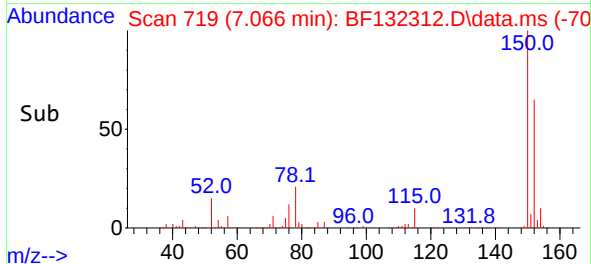
Instrument :
BNA_F
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W-H5(31-32)



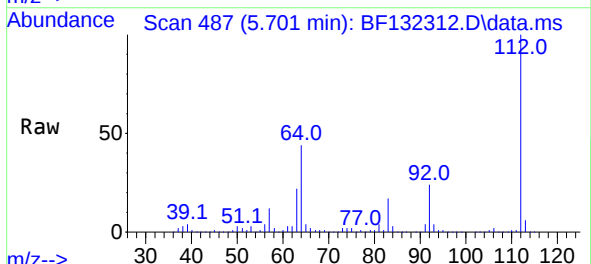
Tgt Ion:152 Resp: 143970
Ion Ratio Lower Upper
152 100
150 154.5 124.2 186.2
115 70.0 47.3 70.9

Manual Integrations
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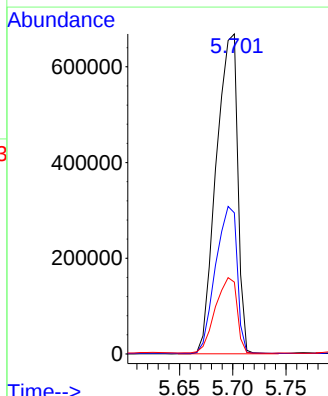
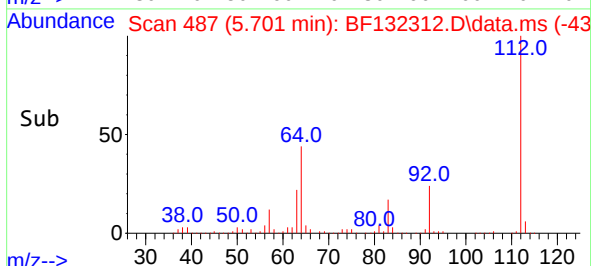
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

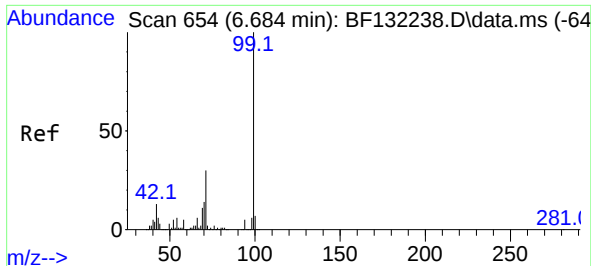


#5
2-Fluorophenol
Concen: 104.501 ng
RT: 5.701 min Scan# 487
Delta R.T. 0.017 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03



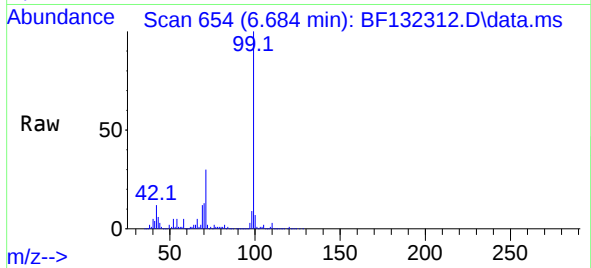
Tgt Ion:112 Resp: 936025
Ion Ratio Lower Upper
112 100
64 44.1 40.0 60.0
63 22.4 20.5 30.7





#7
Phenol-d6
Concen: 92.983 ng
RT: 6.684 min Scan# 654
Delta R.T. -0.000 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03

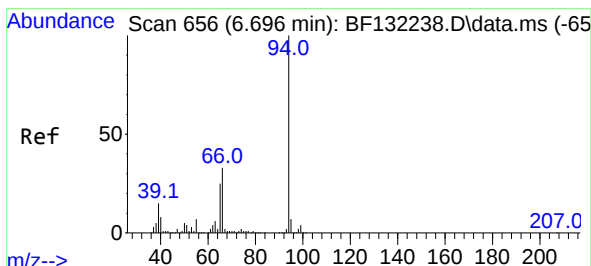
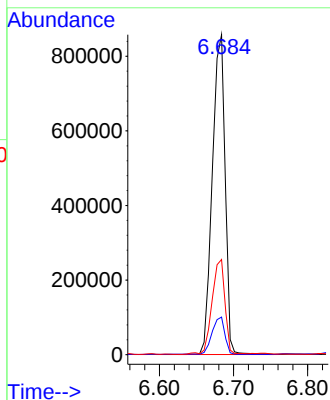
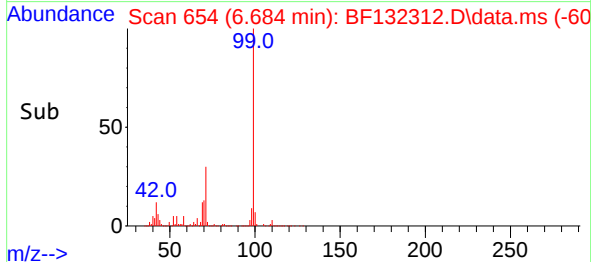
Instrument :
BNA_F
ClientSampleId :
W-H5(31-32)



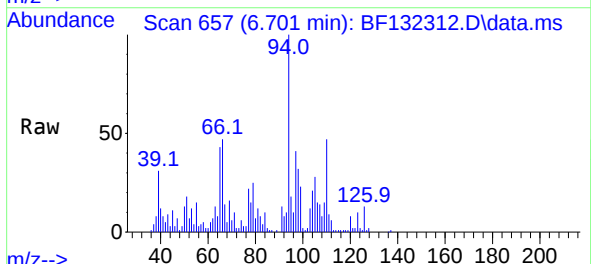
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Ion Ratio Lower Upper
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42 11.8 10.1 15.1
71 29.8 24.2 36.4

Manual Integrations
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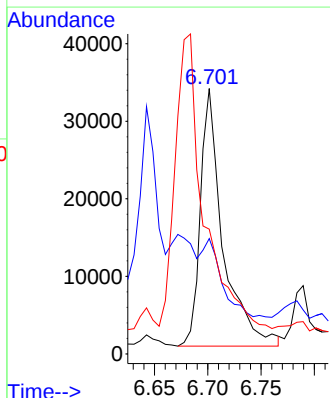
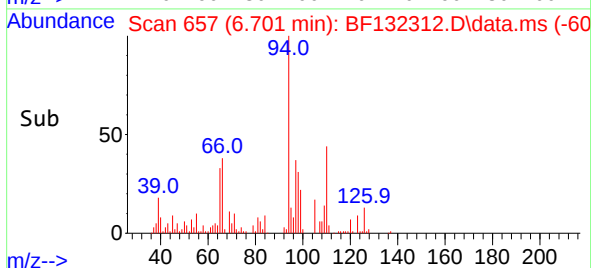
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

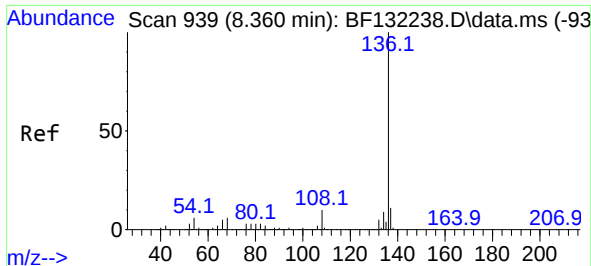


#10
Phenol
Concen: 4.293 ng
RT: 6.701 min Scan# 657
Delta R.T. 0.006 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03



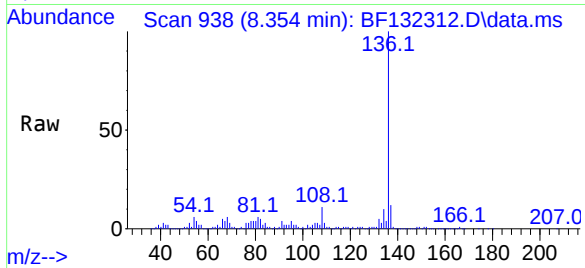
Tgt Ion: 94 Resp: 49073
Ion Ratio Lower Upper
94 100
65 43.5 5.1 45.1
66 47.0 13.0 53.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03

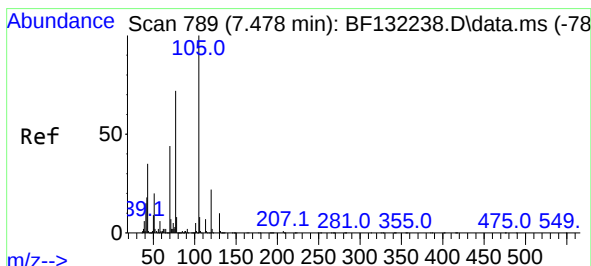
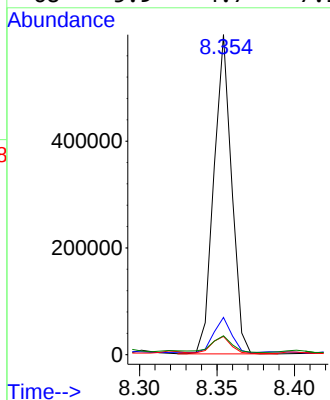
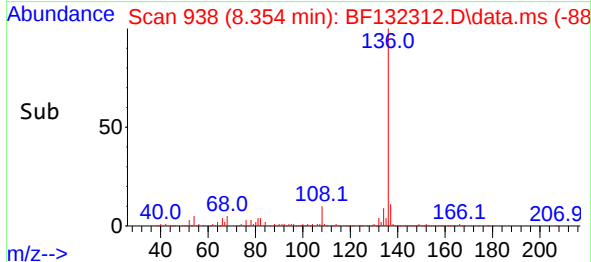
Instrument :
BNA_F
ClientSampleId :
W-H5(31-32)



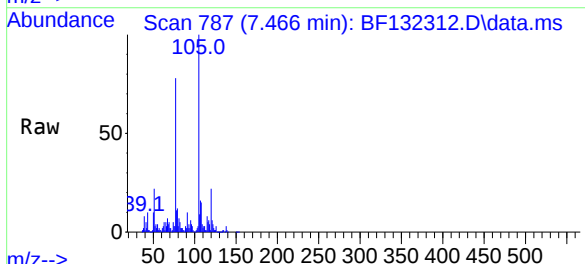
Tgt Ion:136 Resp: 47563
Ion Ratio Lower Upper
136 100
137 11.7 8.8 13.2
54 5.7 4.9 7.3
68 5.9 4.7 7.1

Manual Integrations
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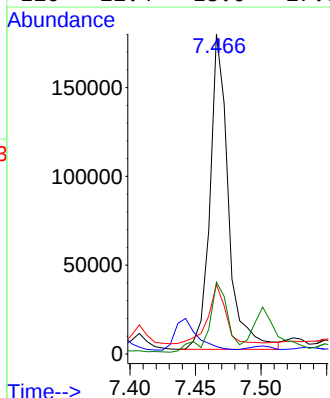
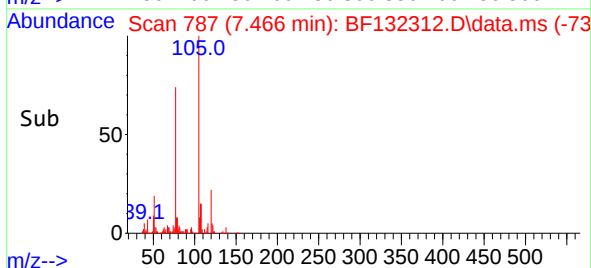
Reviewed By :Christian Giraldo 02/03/2023
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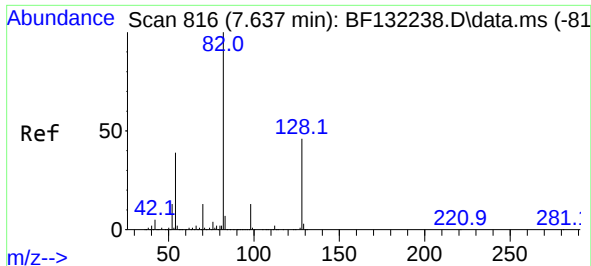


#22
Acetophenone
Concen: 15.525 ng
RT: 7.466 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03



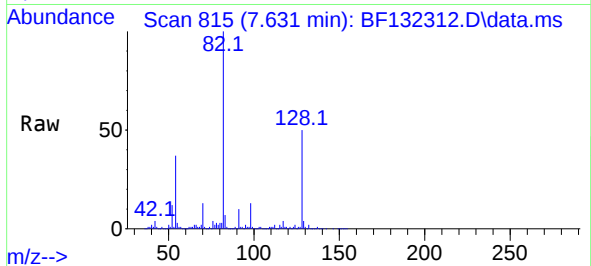
Tgt Ion:105 Resp: 173652
Ion Ratio Lower Upper
105 100
71 2.3 5.8 8.6#
51 21.6 16.2 24.2
120 22.4 18.0 27.0





#23
Nitrobenzene-d5
Concen: 69.564 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03

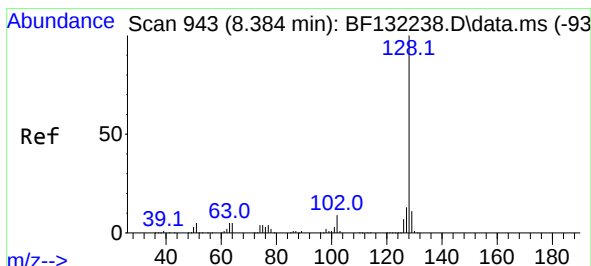
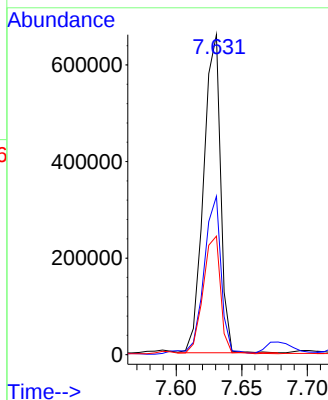
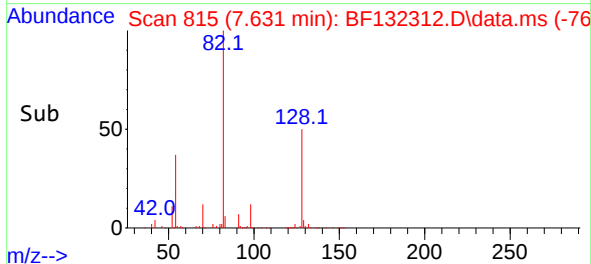
Instrument :
BNA_F
ClientSampleId :
W-H5(31-32)



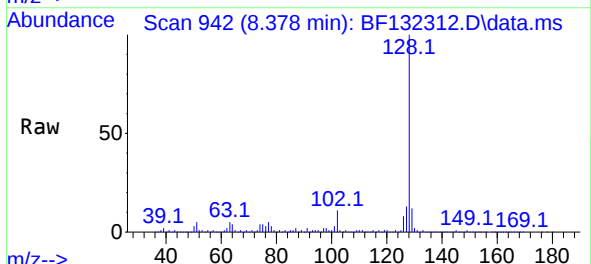
Tgt Ion: 82 Resp: 59457
Ion Ratio Lower Upper
82 100
128 49.5 37.0 55.4
54 37.1 31.5 47.3

Manual Integrations
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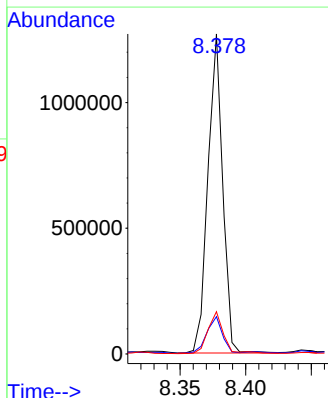
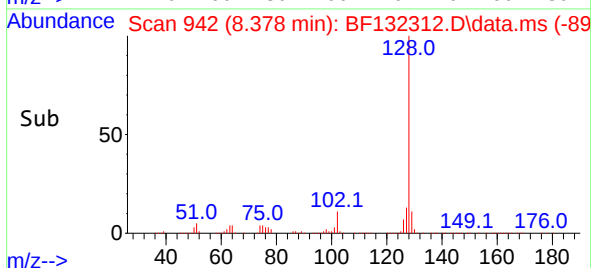
Reviewed By :Christian Giraldo 02/03/2023
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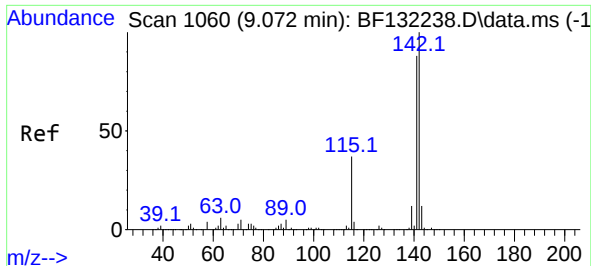


#31
Naphthalene
Concen: 42.558 ng
RT: 8.378 min Scan# 942
Delta R.T. -0.006 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03



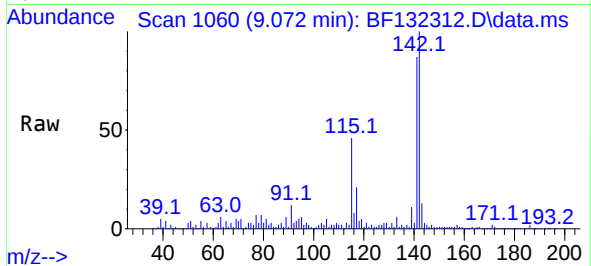
Tgt Ion:128 Resp: 996357
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 13.2 10.5 15.7





#37
2-Methylnaphthalene
Concen: 18.590 ng
RT: 9.072 min Scan# 1060
Delta R.T. -0.000 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03

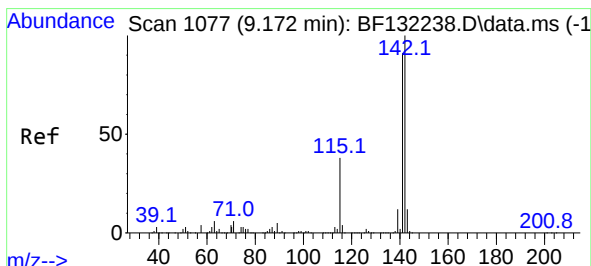
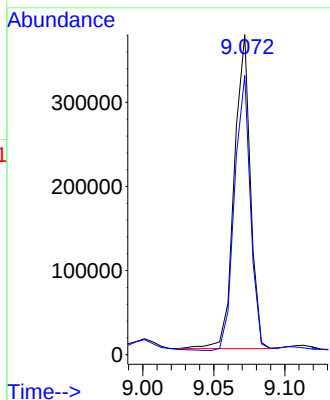
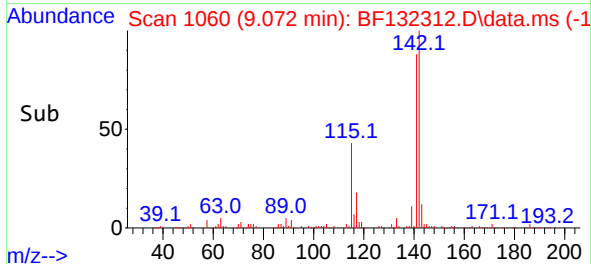
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W-H5(31-32)



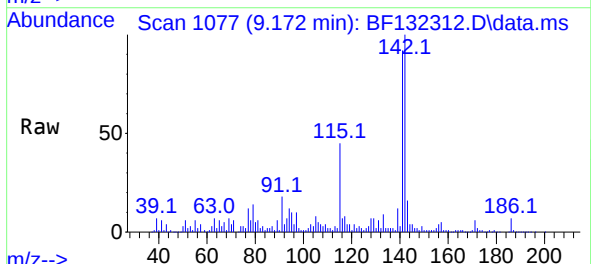
Tgt Ion:142 Resp: 294809
Ion Ratio Lower Upper
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141 87.3 70.1 105.1

Manual Integrations
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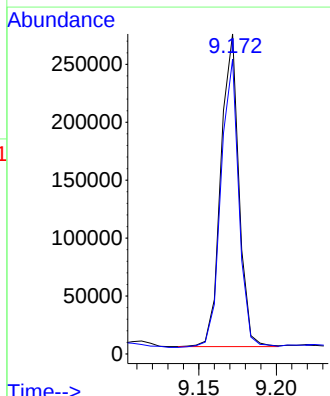
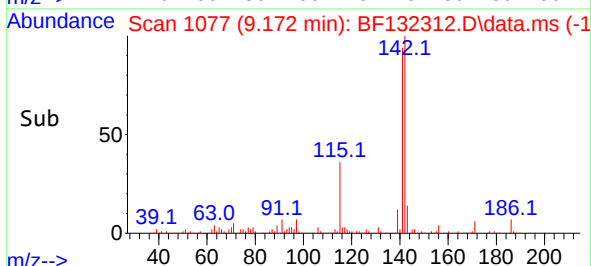
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

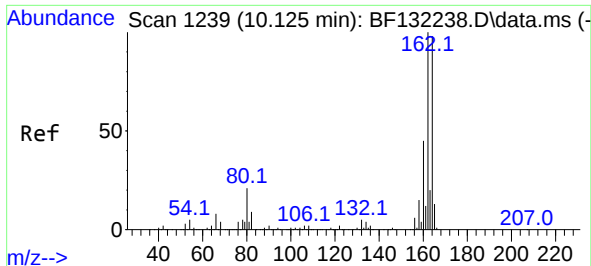


#38
1-Methylnaphthalene
Concen: 14.827 ng
RT: 9.172 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03



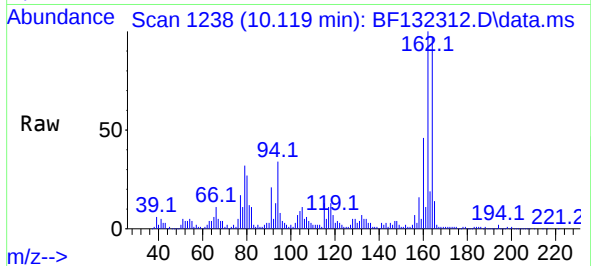
Tgt Ion:142 Resp: 218516
Ion Ratio Lower Upper
142 100
141 92.1 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03

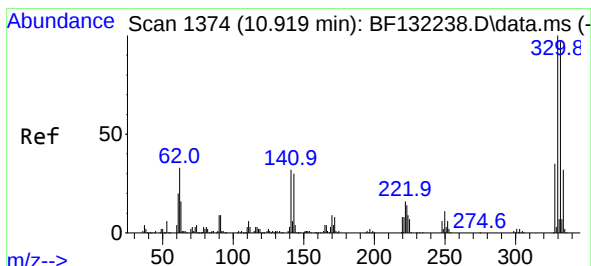
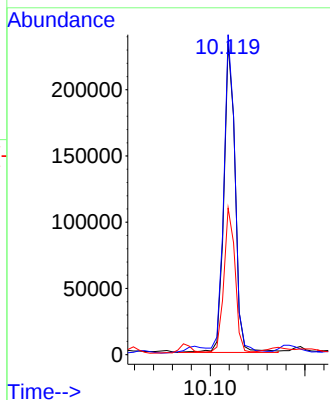
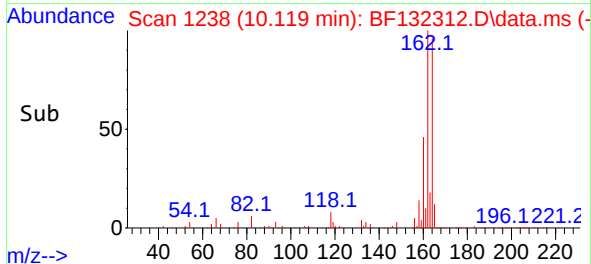
Instrument :
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Tgt Ion:164 Resp: 19447
Ion Ratio Lower Upper
164 100
162 102.8 82.0 123.0
160 47.1 37.1 55.7

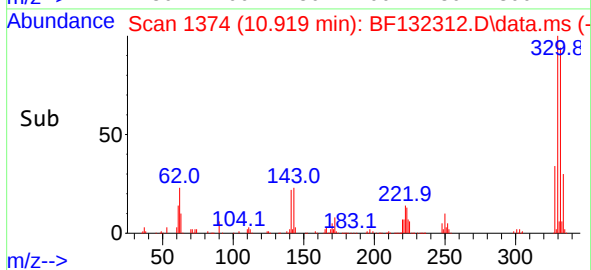
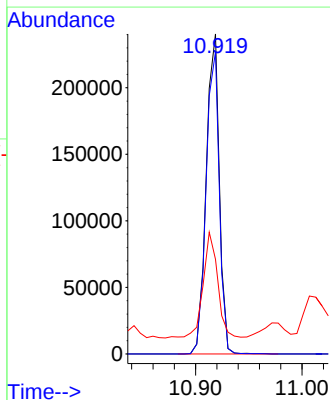
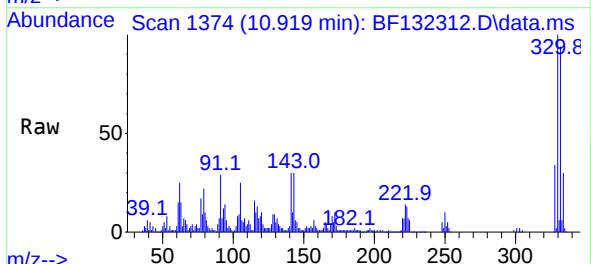
Manual Integrations
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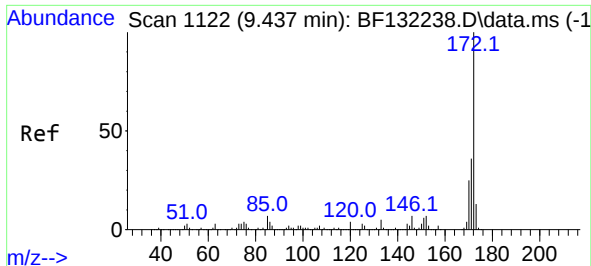
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#42
2,4,6-Tribromophenol
Concen: 103.158 ng
RT: 10.919 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03

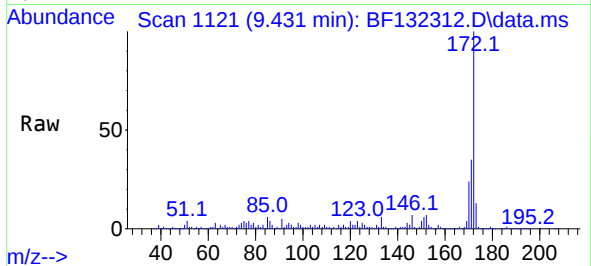
Tgt Ion:330 Resp: 206304
Ion Ratio Lower Upper
330 100
332 95.3 77.9 116.9
141 36.8 31.0 46.4





#45
2-Fluorobiphenyl
Concen: 76.020 ng
RT: 9.431 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03

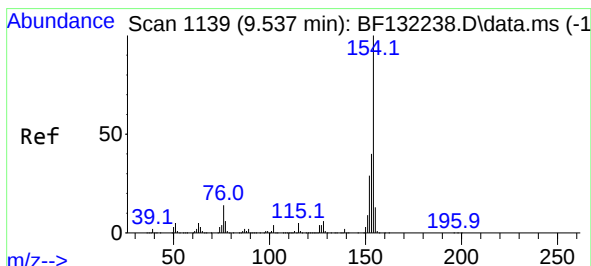
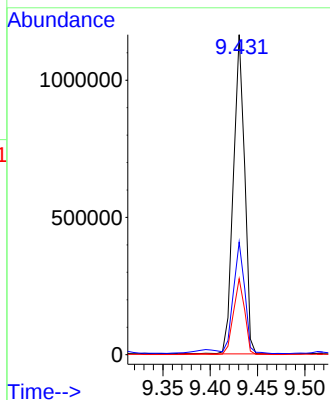
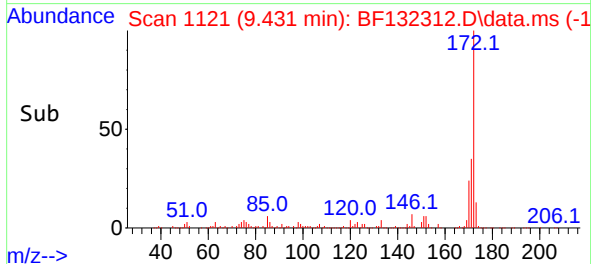
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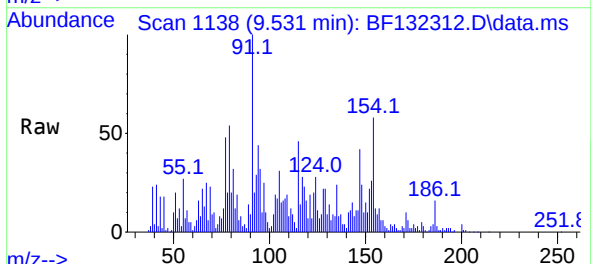
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Ion Ratio Lower Upper
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171 35.2 28.6 43.0
170 23.8 19.7 29.5

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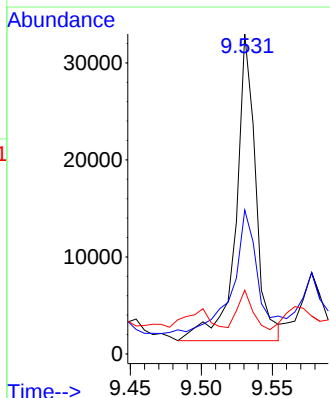
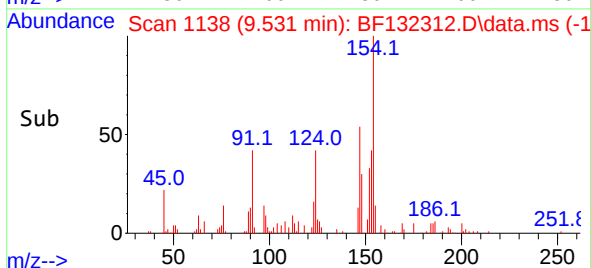
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

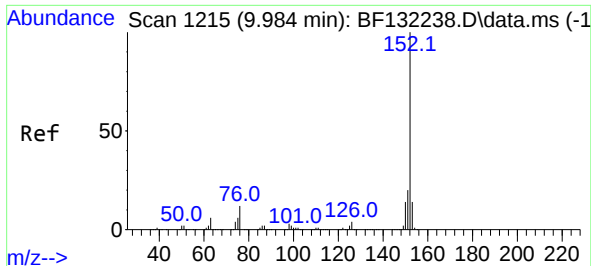


#46
1,1'-Biphenyl
Concen: 2.051 ng
RT: 9.531 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03



Tgt Ion:154 Resp: 30744
Ion Ratio Lower Upper
154 100
153 45.0 19.9 59.9
76 19.9 0.0 34.0





#49
Acenaphthylene
Concen: 9.874 ng
RT: 9.983 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03

Instrument :

BNA_F

ClientSampleId :

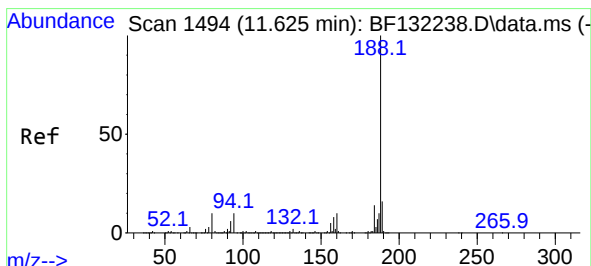
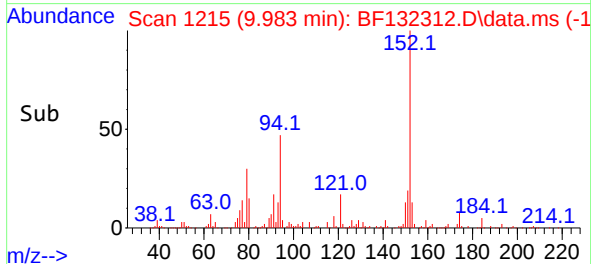
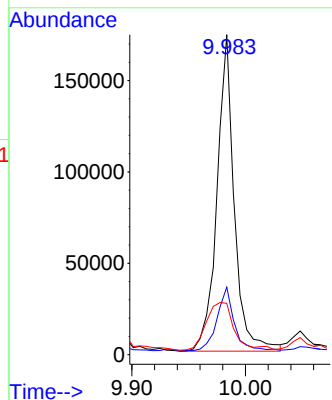
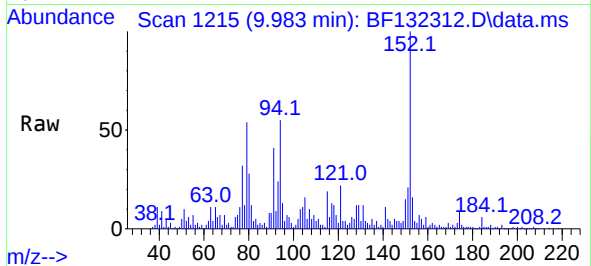
W-H5(31-32)

Tgt Ion:152 Resp: 18401
Ion Ratio Lower Upper
152 100
151 21.1 15.9 23.9
153 16.0 10.9 16.3

Manual Integrations

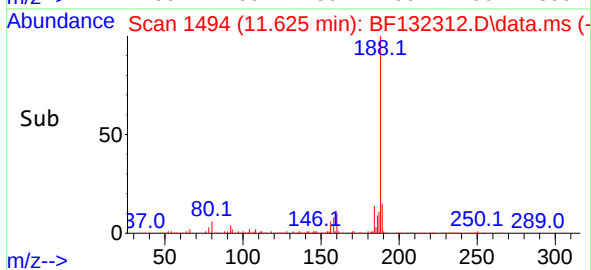
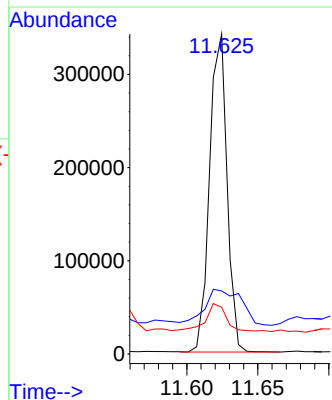
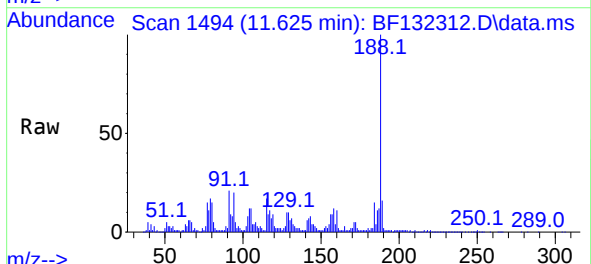
APPROVED

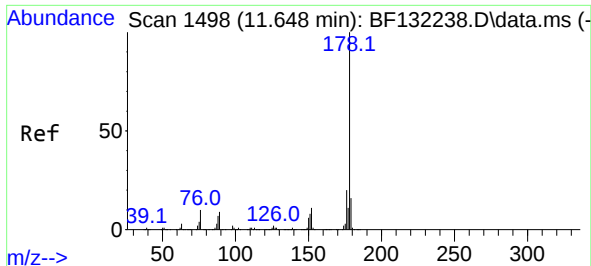
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.625 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03

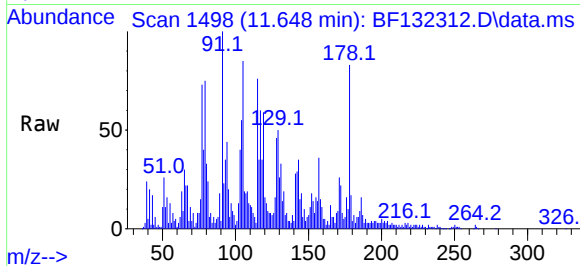
Tgt Ion:188 Resp: 290941
Ion Ratio Lower Upper
188 100
94 19.7 8.2 12.2#
80 14.6 8.3 12.5#





#71
Phenanthrene
Concen: 3.580 ng
RT: 11.648 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03

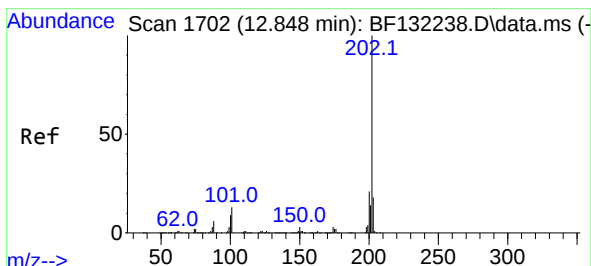
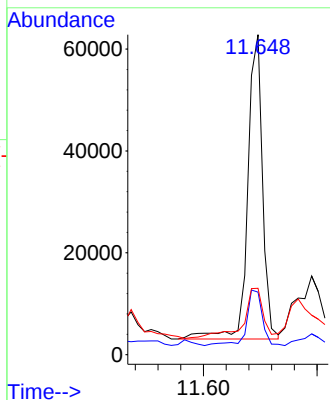
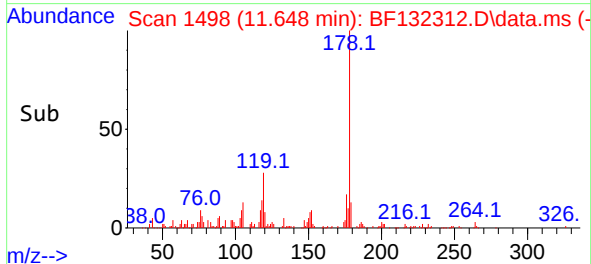
Instrument :
BNA_F
ClientSampleId :
W-H5(31-32)



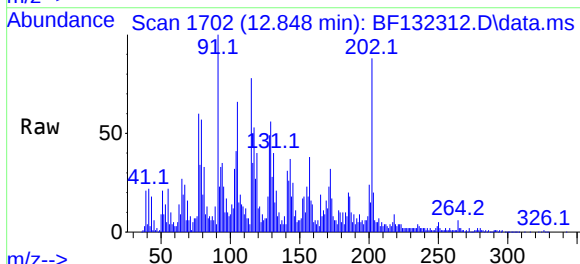
Tgt Ion:178 Resp: 54430
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.4
179 20.8 12.8 19.2

Manual Integrations
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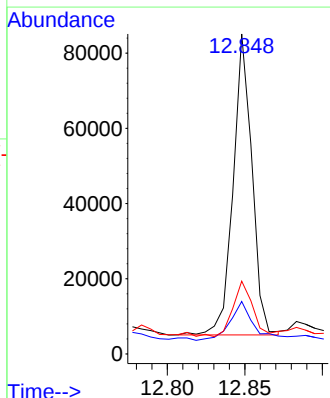
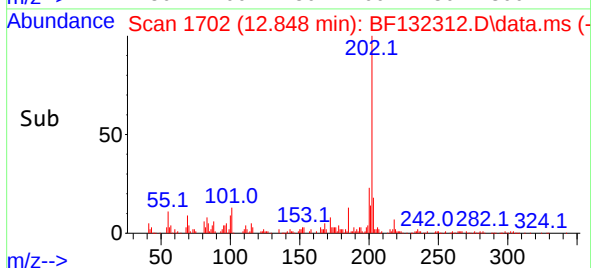
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

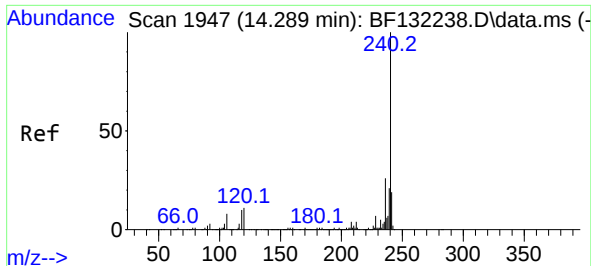


#75
Fluoranthene
Concen: 4.349 ng
RT: 12.848 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03



Tgt Ion:202 Resp: 67478
Ion Ratio Lower Upper
202 100
101 16.4 0.0 32.7
203 22.8 0.0 37.9





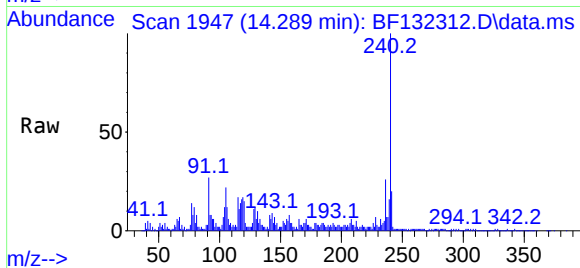
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.289 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03

Instrument :

BNA_F

ClientSampleId :

W-H5(31-32)

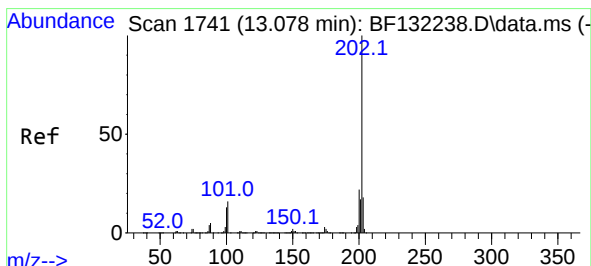
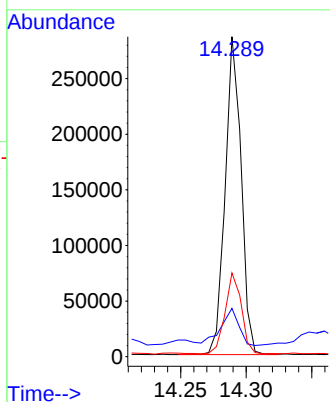
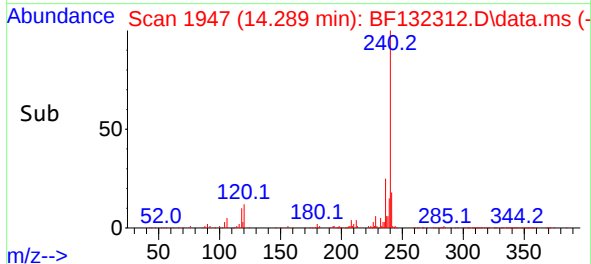


Tgt Ion:240 Resp: 241772
Ion Ratio Lower Upper
240 100
120 15.1 8.8 13.2
236 26.2 21.0 31.6

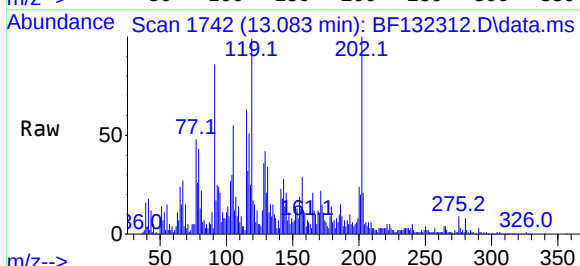
Manual Integrations

APPROVED

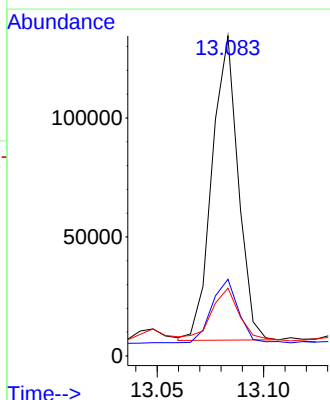
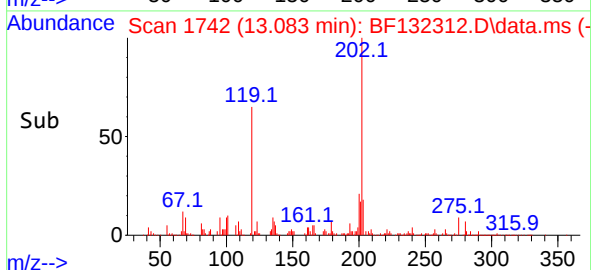
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

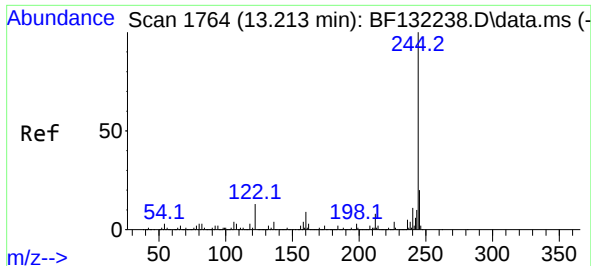


#78
Pyrene
Concen: 5.608 ng
RT: 13.083 min Scan# 1742
Delta R.T. 0.006 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03



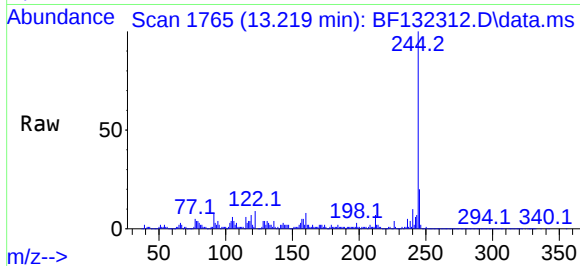
Tgt Ion:202 Resp: 109049
Ion Ratio Lower Upper
202 100
200 24.0 17.3 25.9
203 21.2 14.4 21.6





#79
Terphenyl-d14
Concen: 72.610 ng
RT: 13.219 min Scan# 1765
Delta R.T. 0.006 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03

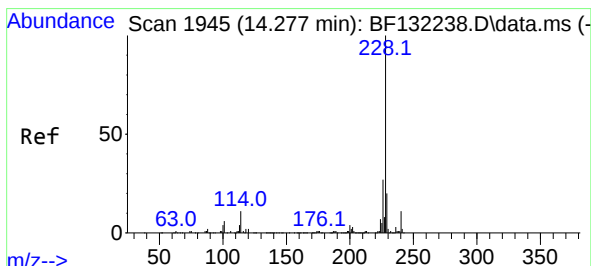
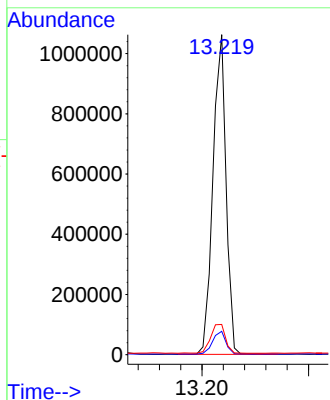
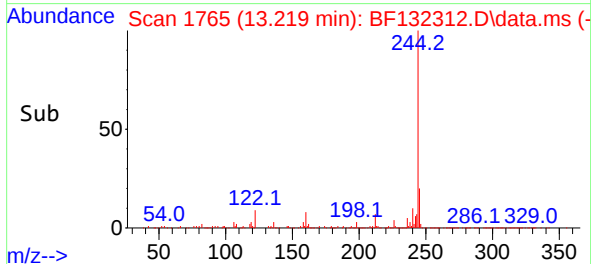
Instrument :
BNA_F
ClientSampleId :
W-H5(31-32)



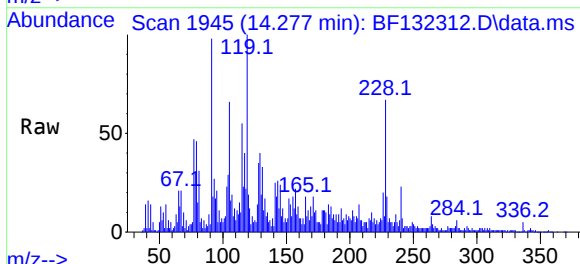
Tgt Ion:244 Resp: 907510
Ion Ratio Lower Upper
244 100
212 7.3 6.4 9.6
122 9.5 10.5 15.7

Manual Integrations
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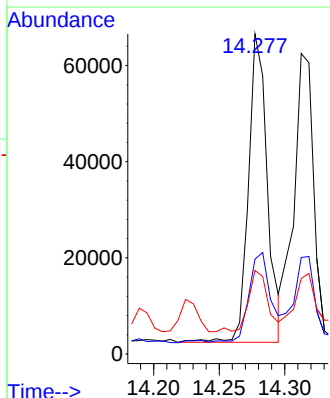
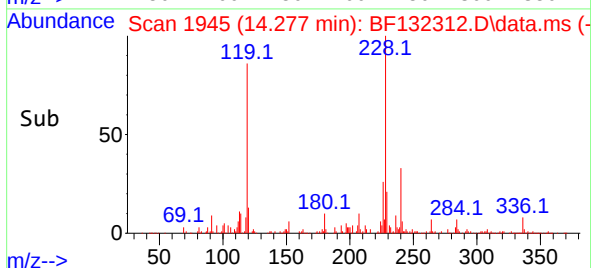
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

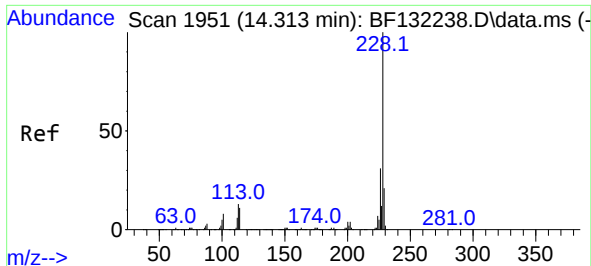


#81
Benzo(a)anthracene
Concen: 3.799 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03



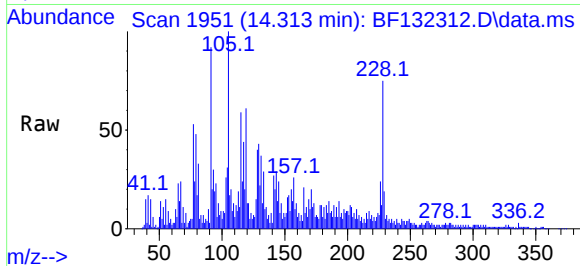
Tgt Ion:228 Resp: 64244
Ion Ratio Lower Upper
228 100
226 29.6 22.0 33.0
229 26.1 15.8 23.6





#83
Chrysene
Concen: 3.992 ng
RT: 14.313 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03

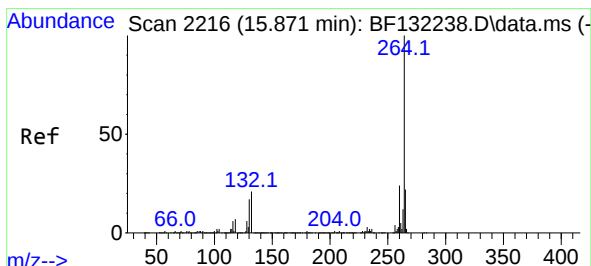
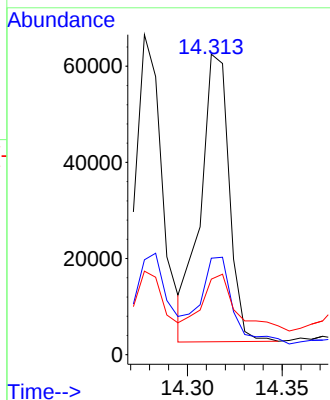
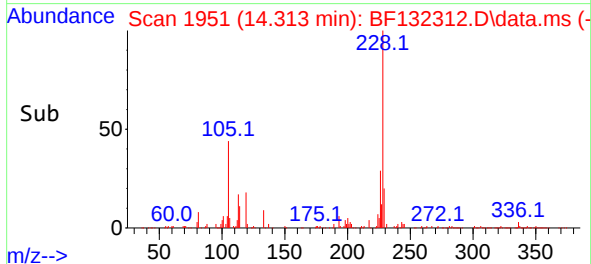
Instrument :
BNA_F
ClientSampleId :
W-H5(31-32)



Tgt Ion:228 Resp: 6320
Ion Ratio Lower Upper
228 100
226 32.1 24.9 37.3
229 25.1 16.4 24.6

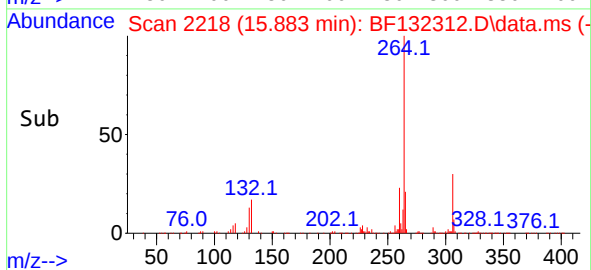
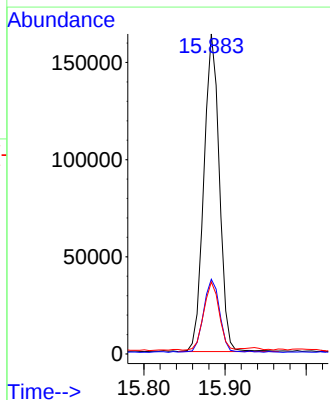
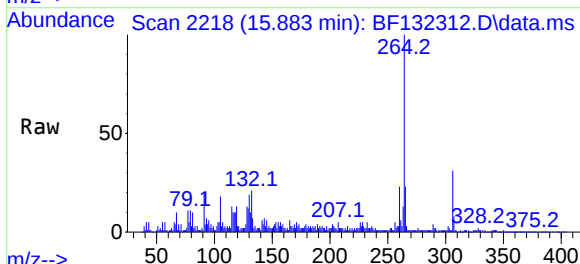
Manual Integrations
APPROVED

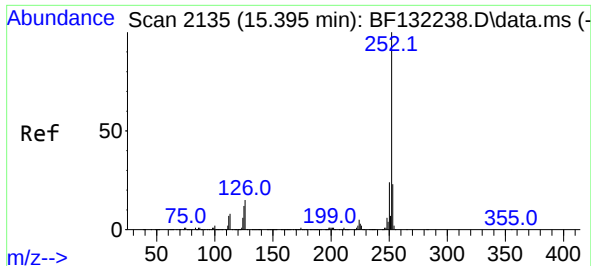
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.883 min Scan# 2218
Delta R.T. 0.012 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03

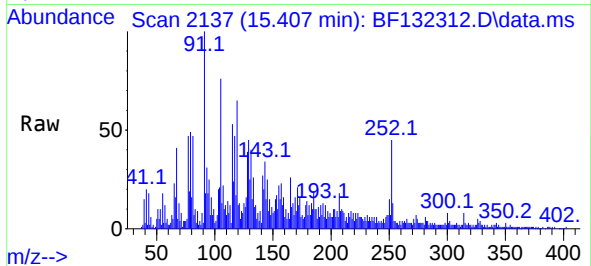
Tgt Ion:264 Resp: 216538
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 22.5 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 2.690 ng m
RT: 15.407 min Scan# 2135
Delta R.T. 0.012 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03

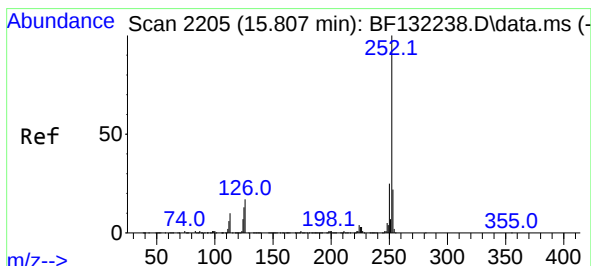
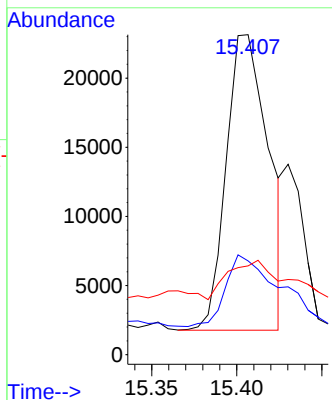
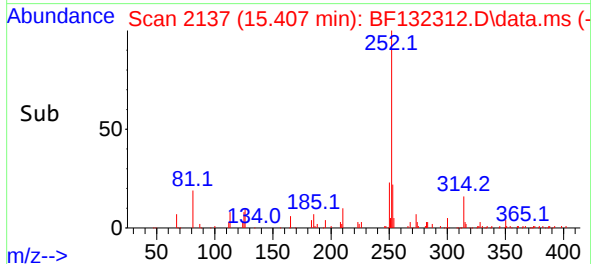
Instrument :
BNA_F
ClientSampleId :
W-H5(31-32)



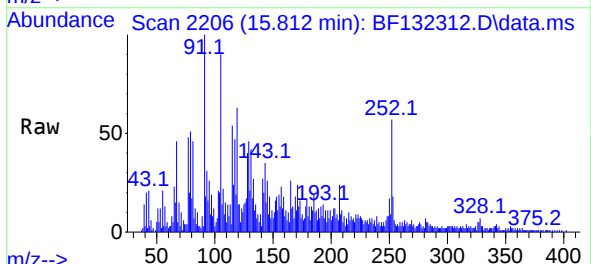
Tgt Ion:252 Resp: 3702
Ion Ratio Lower Upper
252 100
253 29.3 18.1 27.1#
125 27.8 9.6 14.4#

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#90
Benzo(a)pyrene
Concen: 2.039 ng
RT: 15.812 min Scan# 2206
Delta R.T. 0.006 min
Lab File: BF132312.D
Acq: 03 Feb 2023 02:03



Tgt Ion:252 Resp: 26135
Ion Ratio Lower Upper
252 100
253 32.1 17.8 26.8#
125 24.2 10.2 15.4#

