

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
 Data File : BF134474.D
 Acq On : 25 Jul 2023 21:23
 Operator : CG\JU
 Sample : 03654-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12016

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023

Quant Time: Jul 26 02:07:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	111473	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	421822	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	175046	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	240411	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	186179	20.000	ng	0.00
86) Perylene-d12	15.527	264	145092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	785032	116.353	ng	0.01
7) Phenol-d6	6.481	99	953035	115.291	ng	0.00
23) Nitrobenzene-d5	7.398	82	620075	74.374	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	233677	93.956	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1141635	85.619	ng	0.00
79) Terphenyl-d14	12.963	244	936178	87.778	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.586	163	29733	2.291	ng	97
71) Phenanthrene	11.386	178	136505	10.867	ng	98
72) Anthracene	11.439	178	31034	2.394	ng	96
75) Fluoranthene	12.586	202	243827	16.656	ng	99
78) Pyrene	12.816	202	236346	15.965	ng	98
81) Benzo(a)anthracene	14.016	228	92589	7.128	ng	99
83) Chrysene	14.051	228	91736	7.384	ng	99
85) Di-n-octyl phthalate	14.610	149	36018	3.598	ng	# 25
87) Indeno(1,2,3-cd)pyrene	17.074	276	35401	3.735	ng	# 95
88) Benzo(b)fluoranthene	15.086	252	79053m	8.709	ng	
89) Benzo(k)fluoranthene	15.115	252	28462m	3.188	ng	
90) Benzo(a)pyrene	15.462	252	55167	6.575	ng	# 95
92) Benzo(g,h,i)perylene	17.545	276	36884	4.693	ng	98

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

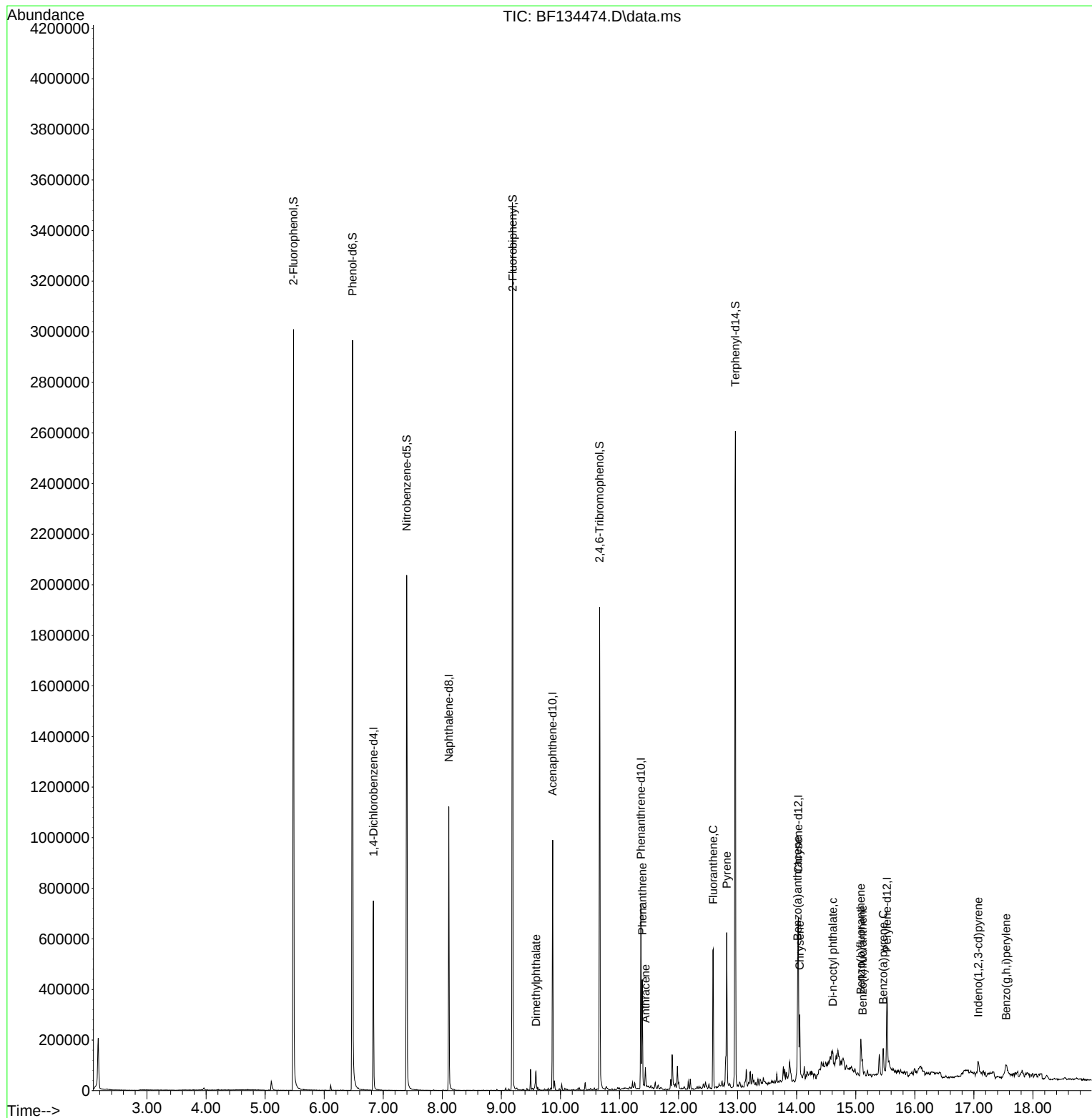
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134474.D
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Sample : 03654-01
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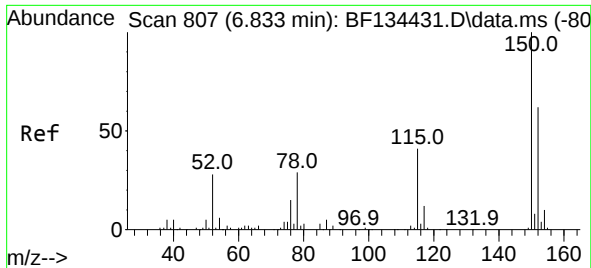
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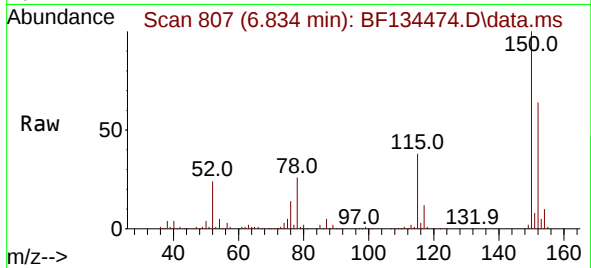
Quant Time: Jul 26 02:07:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:46:04 2023
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.001 min
Lab File: BF134474.D
Acq: 25 Jul 2023 21:23

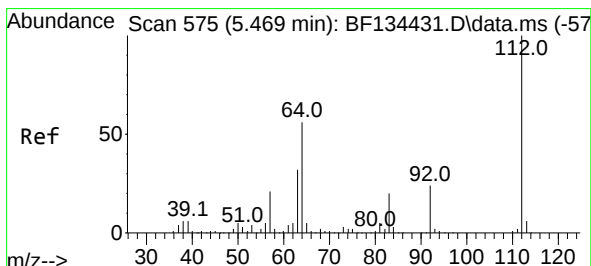
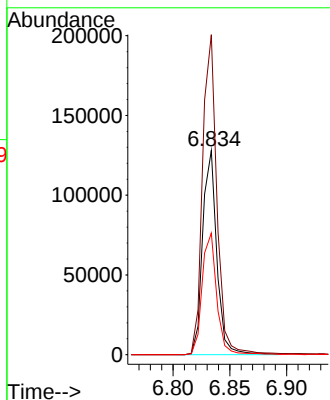
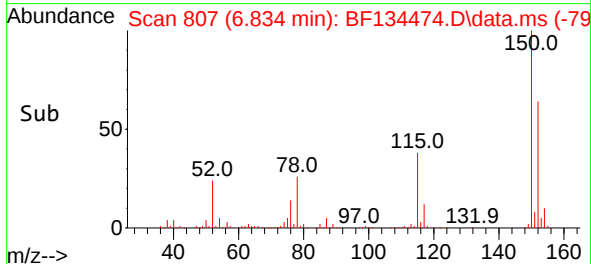
Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 111473
Ion Ratio Lower Upper
152 100
150 156.8 128.3 192.5
115 59.6 52.4 78.6

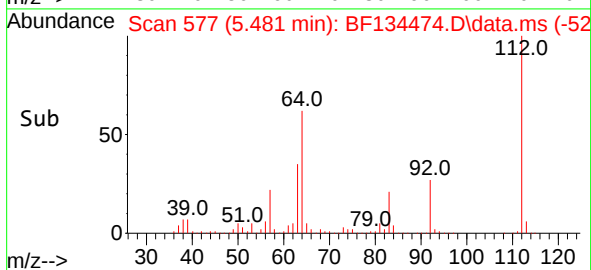
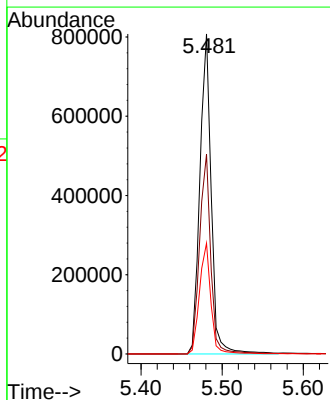
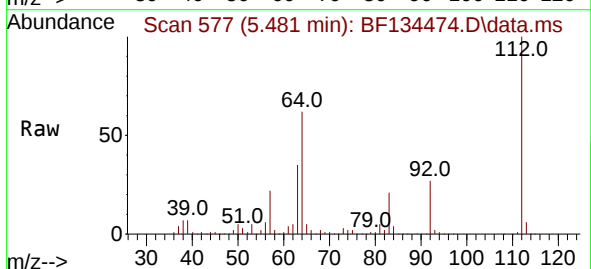
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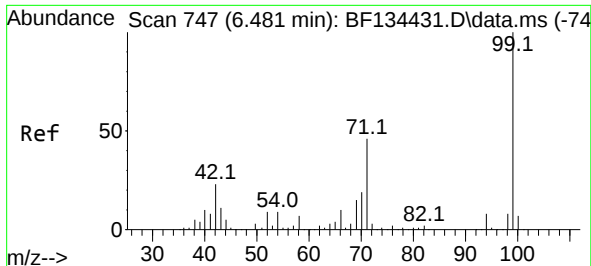
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#5
2-Fluorophenol
Concen: 116.353 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.012 min
Lab File: BF134474.D
Acq: 25 Jul 2023 21:23

Tgt Ion:112 Resp: 785032
Ion Ratio Lower Upper
112 100
64 62.4 44.9 67.3
63 34.6 25.4 38.0





#7

Phenol-d6

Concen: 115.291 ng

RT: 6.481 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF134474.D

Acq: 25 Jul 2023 21:23

Instrument :

BNA_F

ClientSampleId :

72-12016

Tgt Ion: 99 Resp: 95303

Ion Ratio Lower Upper

99 100

42 23.5 18.7 28.1

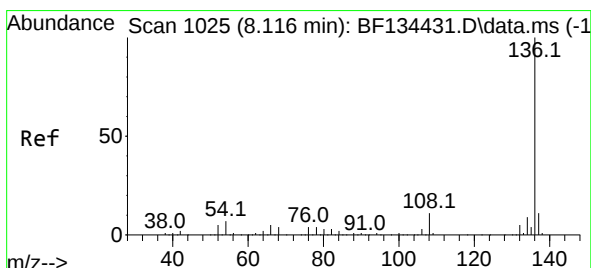
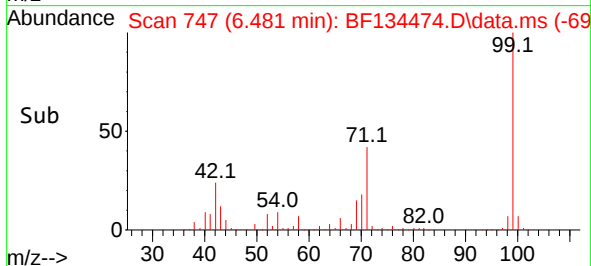
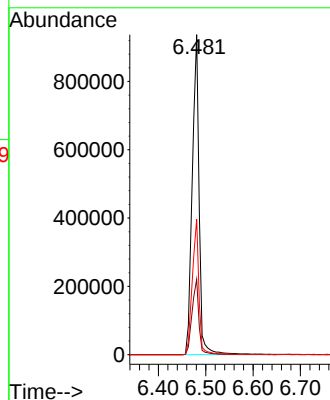
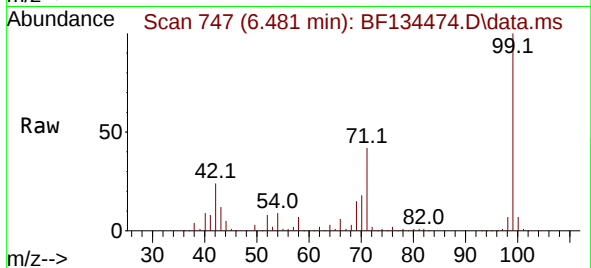
71 42.3 36.4 54.6

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.110 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BF134474.D

Acq: 25 Jul 2023 21:23

Tgt Ion:136 Resp: 421822

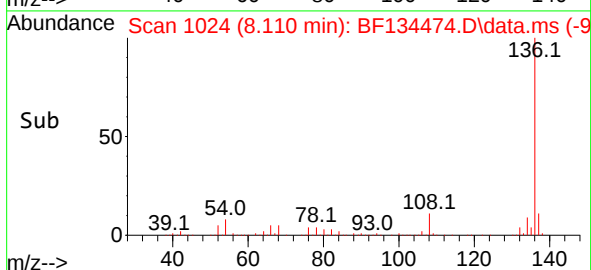
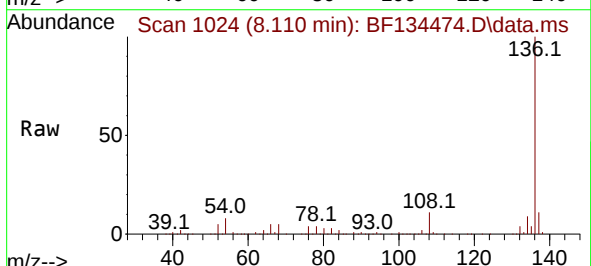
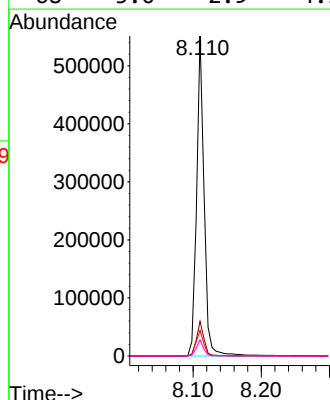
Ion Ratio Lower Upper

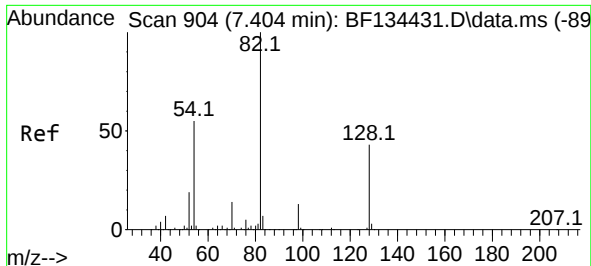
136 100

137 10.8 8.4 12.6

54 8.0 5.2 7.8#

68 5.0 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 74.374 ng

RT: 7.398 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF134474.D

Acq: 25 Jul 2023 21:23

Instrument :

BNA_F

ClientSampleId :

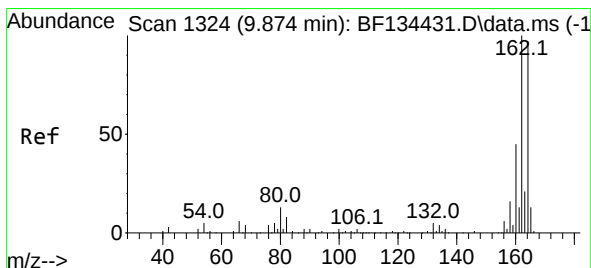
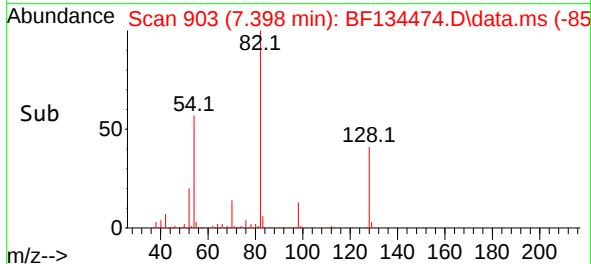
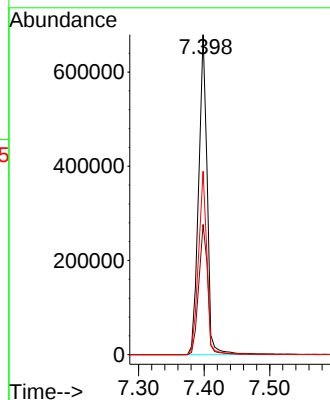
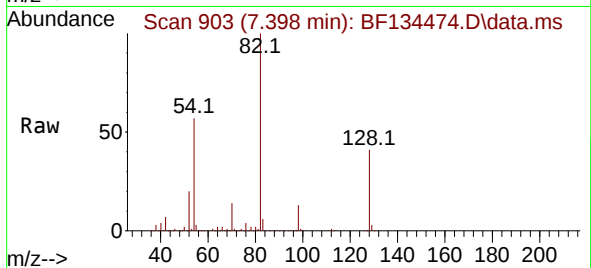
72-12016

Tgt Ion: 82 Resp: 620075

Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.3	51.5
54	57.3	43.8	65.6

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

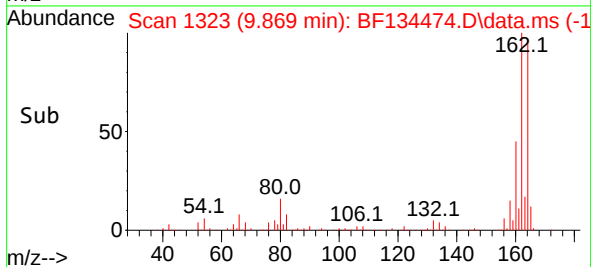
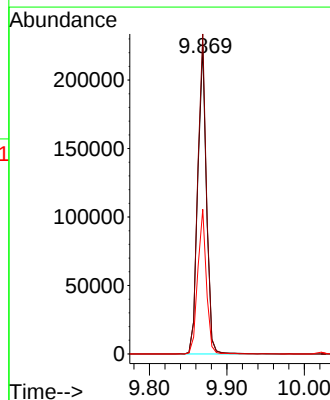
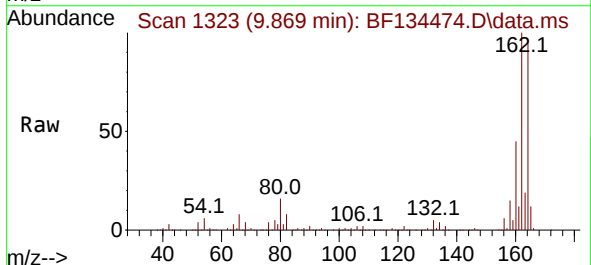
Delta R.T. -0.006 min

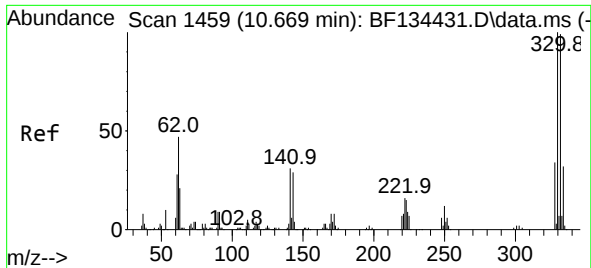
Lab File: BF134474.D

Acq: 25 Jul 2023 21:23

Tgt Ion:164 Resp: 175046

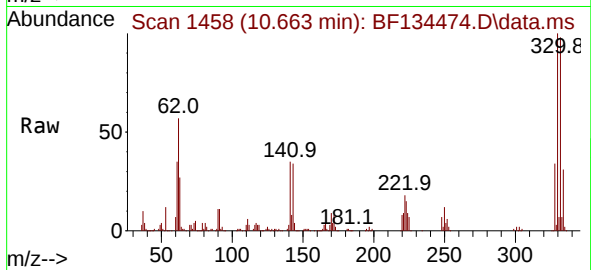
Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	123.8
160	47.1	37.2	55.8





#42
2,4,6-Tribromophenol
Concen: 93.956 ng
RT: 10.663 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF134474.D
Acq: 25 Jul 2023 21:23

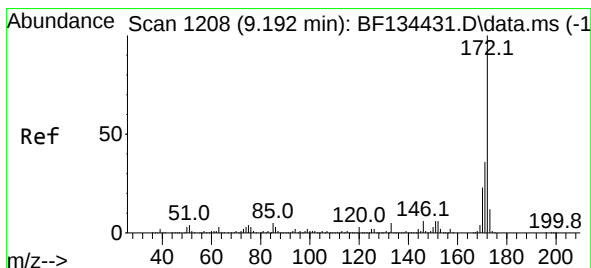
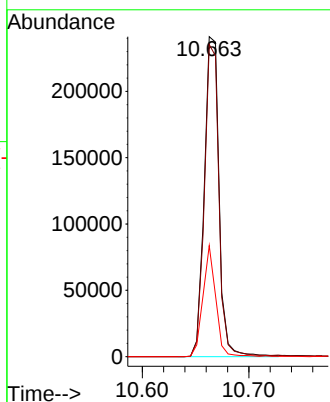
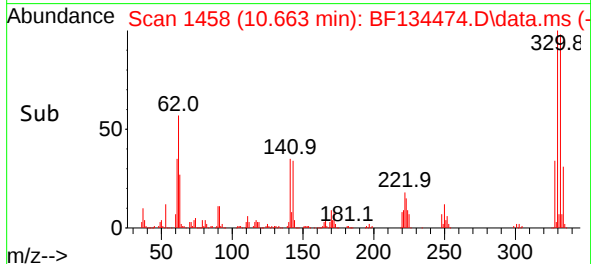
Instrument :
BNA_F
ClientSampleId :
72-12016



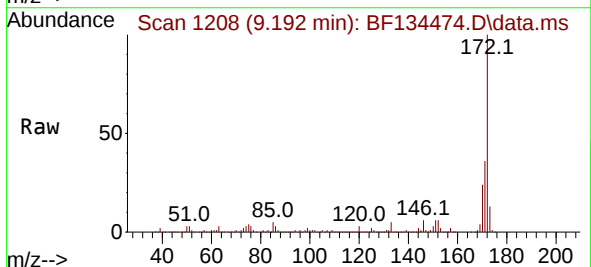
Tgt Ion:330 Resp: 23367
Ion Ratio Lower Upper
330 100
332 95.4 78.8 118.2
141 30.4 25.4 38.2

Manual Integrations
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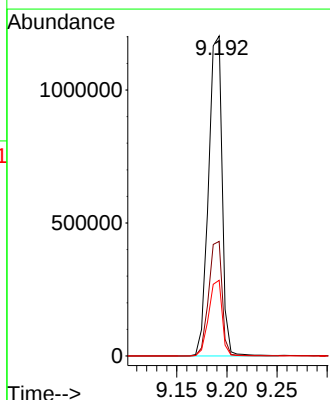
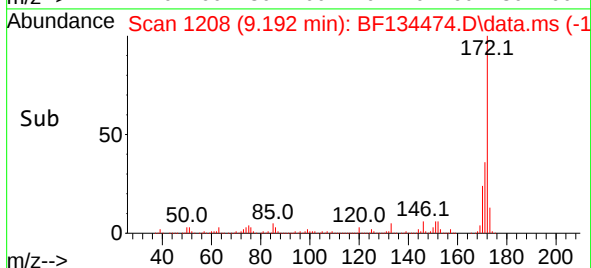
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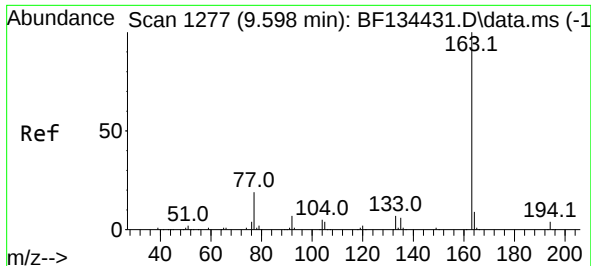


#45
2-Fluorobiphenyl
Concen: 85.619 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF134474.D
Acq: 25 Jul 2023 21:23



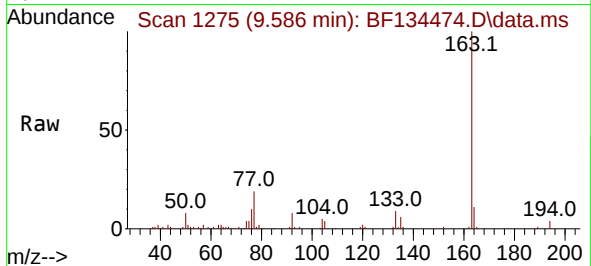
Tgt Ion:172 Resp: 1141635
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.7 18.7 28.1





#50
Dimethylphthalate
Concen: 2.291 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134474.D
Acq: 25 Jul 2023 21:23

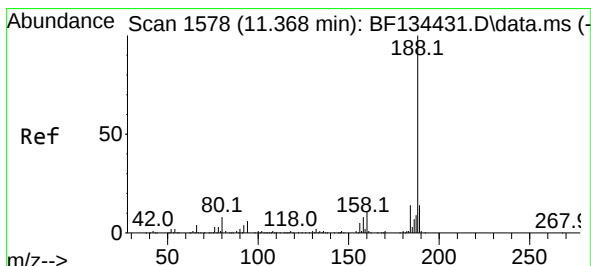
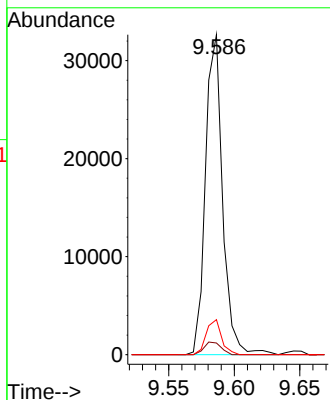
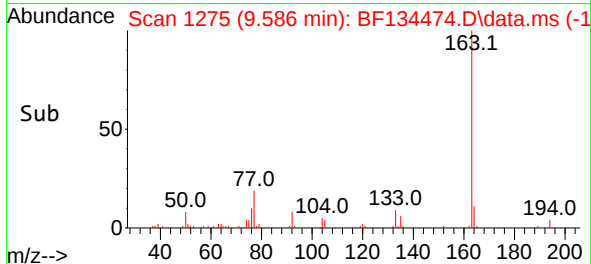
Instrument :
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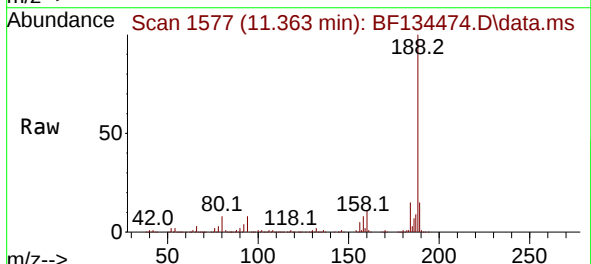
Tgt Ion:163 Resp: 2973
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 10.9 7.5 11.3

Manual Integrations
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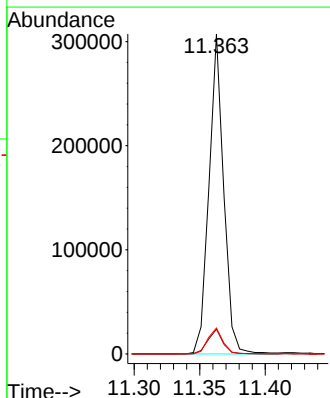
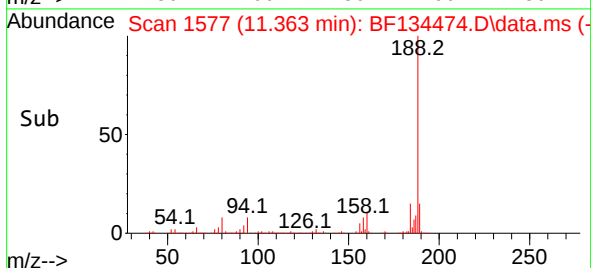
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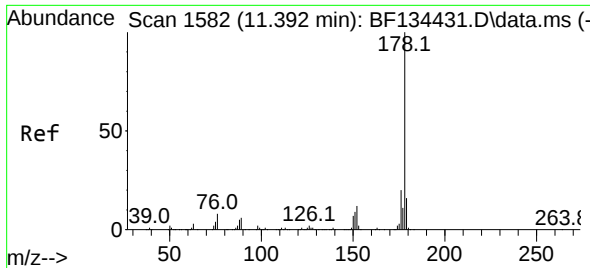


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF134474.D
Acq: 25 Jul 2023 21:23



Tgt Ion:188 Resp: 240411
Ion Ratio Lower Upper
188 100
94 7.8 5.1 7.7#
80 8.1 6.6 9.8





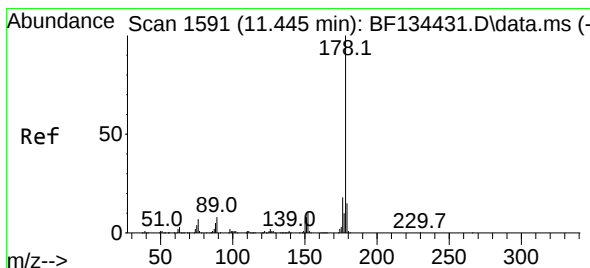
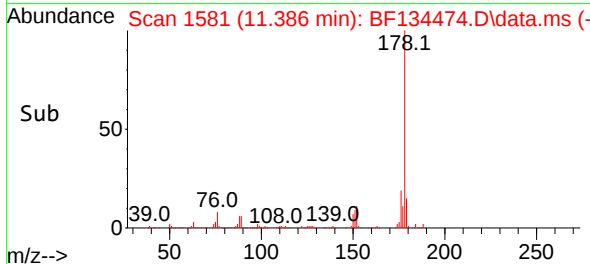
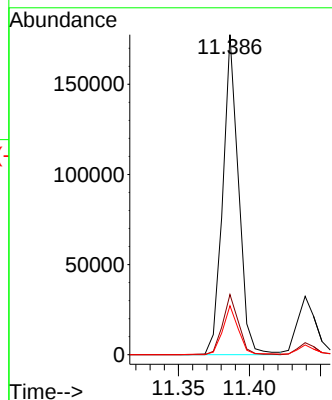
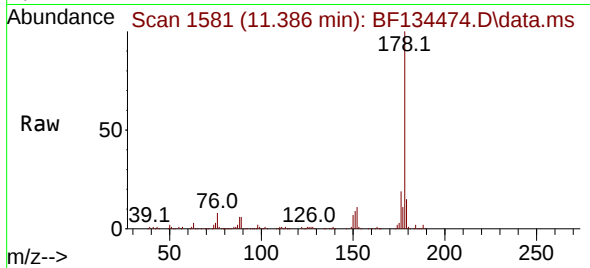
#71
Phenanthrene
Concen: 10.867 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134474.D
Acq: 25 Jul 2023 21:23

Instrument :
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72-12016

Tgt Ion:178 Resp: 13650
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.6
179 15.3 12.7 19.1

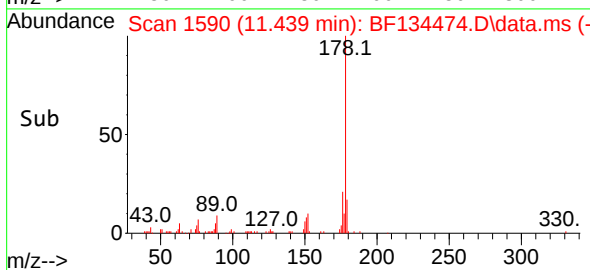
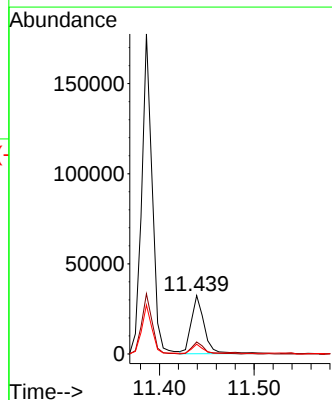
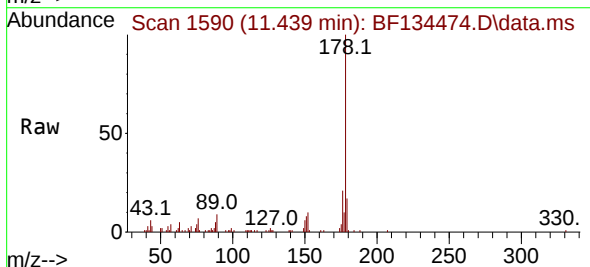
Manual Integrations
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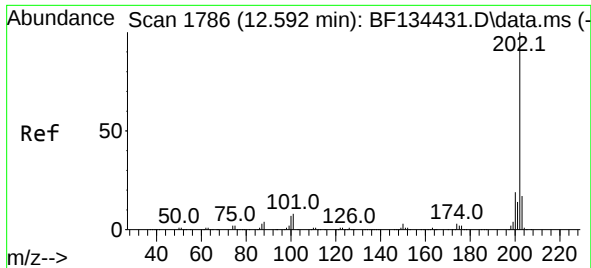
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#72
Anthracene
Concen: 2.394 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF134474.D
Acq: 25 Jul 2023 21:23

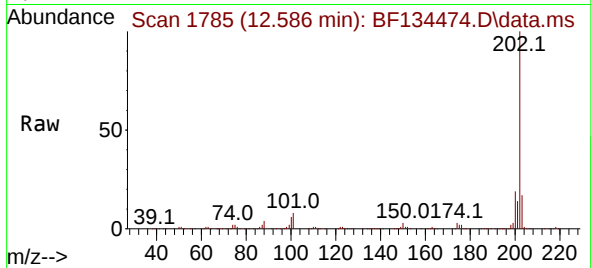
Tgt Ion:178 Resp: 31034
Ion Ratio Lower Upper
178 100
176 20.6 14.6 21.8
179 16.7 12.3 18.5





#75
Fluoranthene
Concen: 16.656 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134474.D
Acq: 25 Jul 2023 21:23

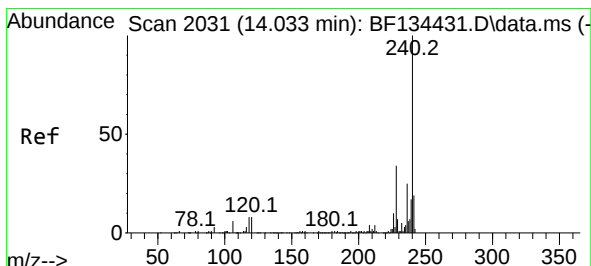
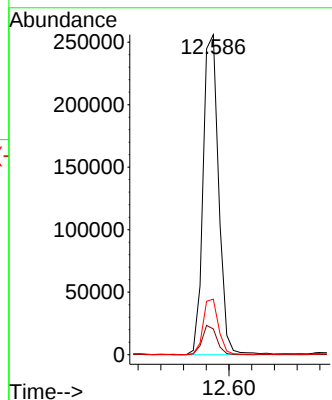
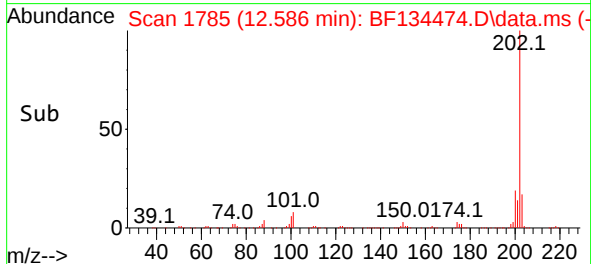
Instrument :
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Tgt Ion:202 Resp: 24382
Ion Ratio Lower Upper
202 100
101 8.1 0.0 28.5
203 17.3 0.0 37.5

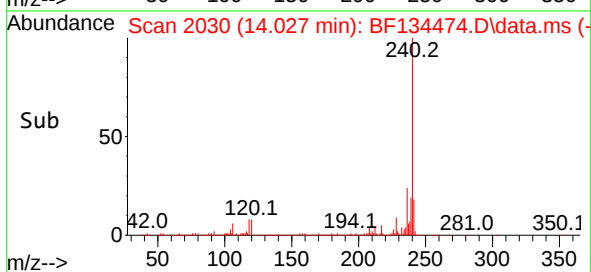
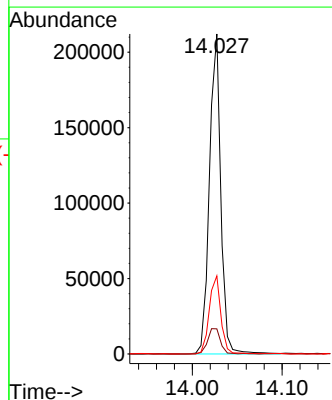
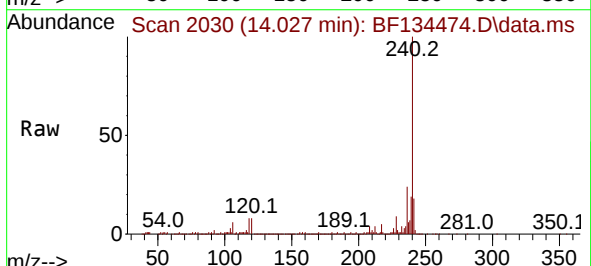
Manual Integrations
APPROVED

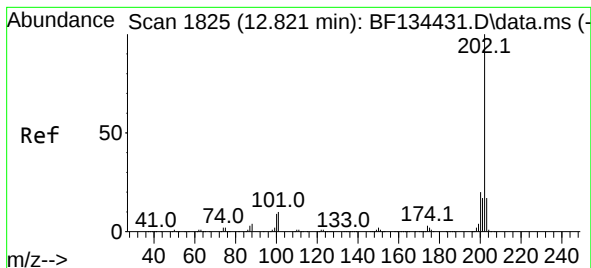
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF134474.D
Acq: 25 Jul 2023 21:23

Tgt Ion:240 Resp: 186179
Ion Ratio Lower Upper
240 100
120 7.9 6.6 10.0
236 24.4 20.2 30.2





#78

Pyrene

Concen: 15.965 ng

RT: 12.816 min Scan# 1824

Delta R.T. -0.006 min

Lab File: BF134474.D

Acq: 25 Jul 2023 21:23

Instrument :

BNA_F

ClientSampleId :

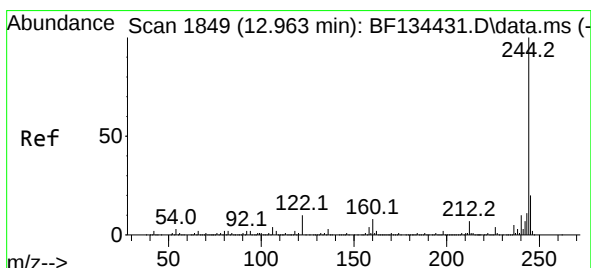
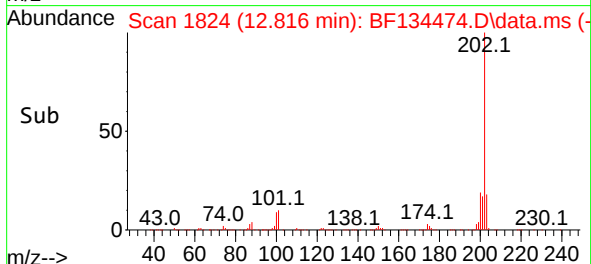
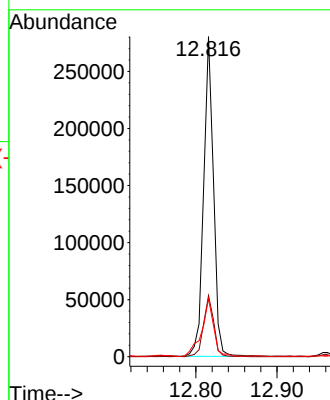
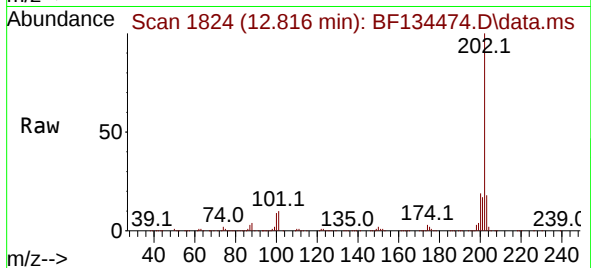
72-12016

Tgt Ion:202 Resp: 236340
 Ion Ratio Lower Upper
 202 100
 200 19.1 15.8 23.8
 203 18.2 13.5 20.3

Manual Integrations

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Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023



#79

Terphenyl-d14

Concen: 87.778 ng

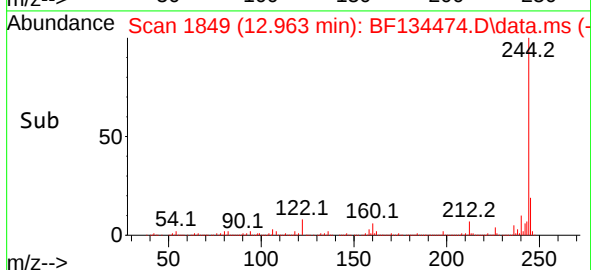
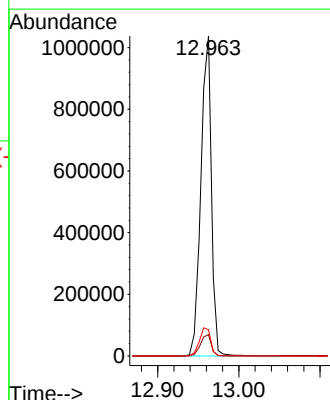
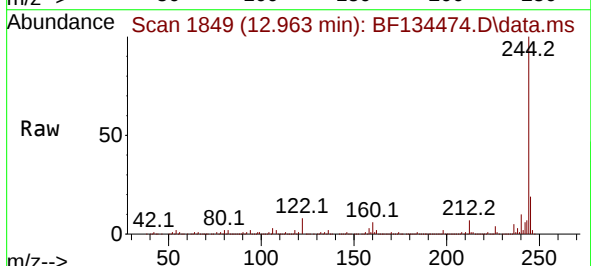
RT: 12.963 min Scan# 1849

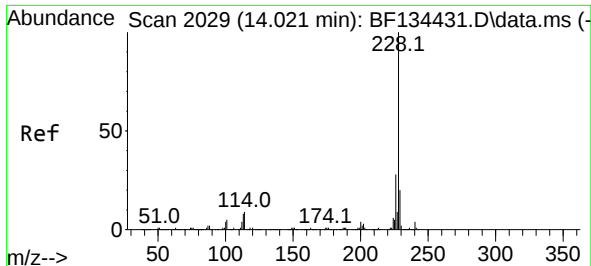
Delta R.T. 0.000 min

Lab File: BF134474.D

Acq: 25 Jul 2023 21:23

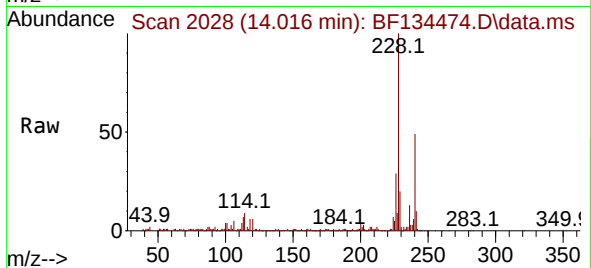
Tgt Ion:244 Resp: 936178
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 8.2 8.0 12.0





#81
Benzo(a)anthracene
Concen: 7.128 ng
RT: 14.016 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF134474.D
Acq: 25 Jul 2023 21:23

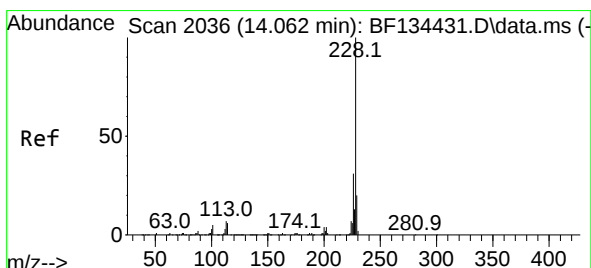
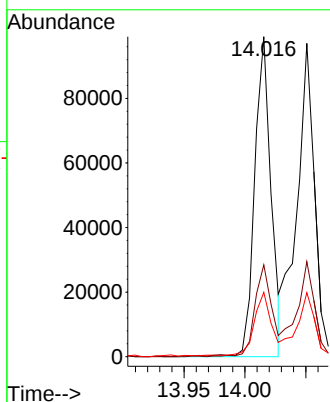
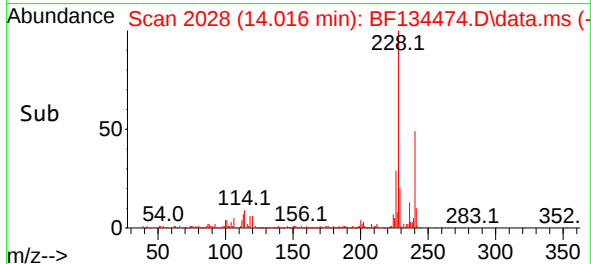
Instrument :
BNA_F
ClientSampleId :
72-12016



Tgt Ion:228 Resp: 92589
Ion Ratio Lower Upper
228 100
226 28.7 22.3 33.5
229 20.1 15.8 23.6

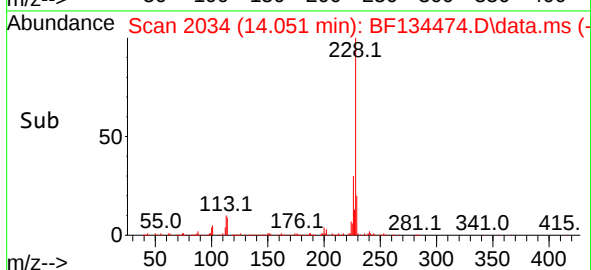
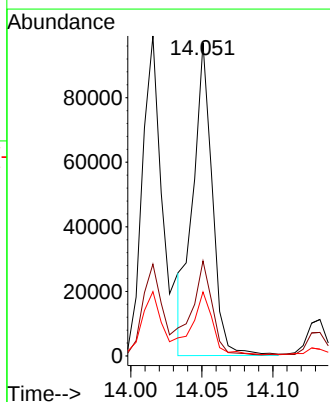
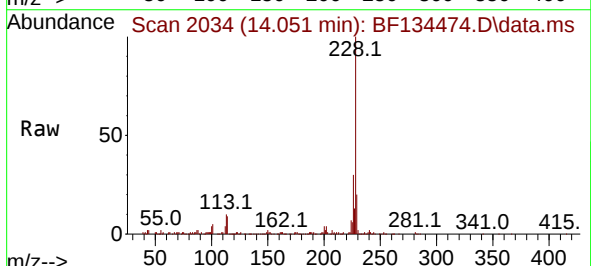
Manual Integrations
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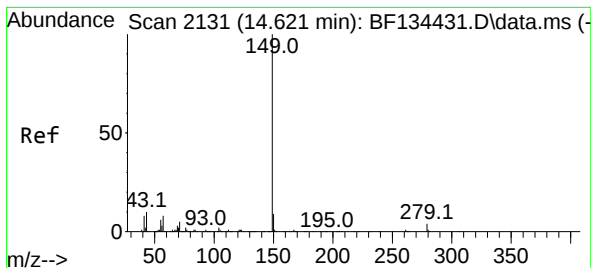
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#83
Chrysene
Concen: 7.384 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF134474.D
Acq: 25 Jul 2023 21:23

Tgt Ion:228 Resp: 91736
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 20.4 15.8 23.8





#85

Di-n-octyl phthalate

Concen: 3.598 ng

RT: 14.610 min Scan# 2131

Delta R.T. -0.012 min

Lab File: BF134474.D

Acq: 25 Jul 2023 21:23

Instrument :

BNA_F

ClientSampleId :

72-12016

Tgt Ion:149 Resp: 36018

Ion Ratio Lower Upper

149 100

167 8.3 1.2 1.8

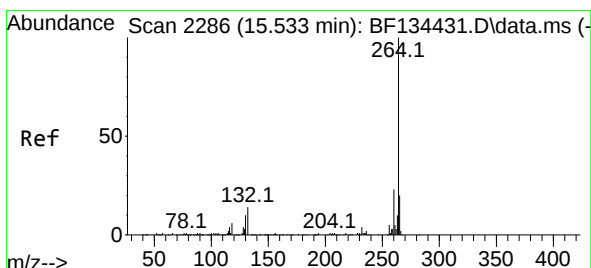
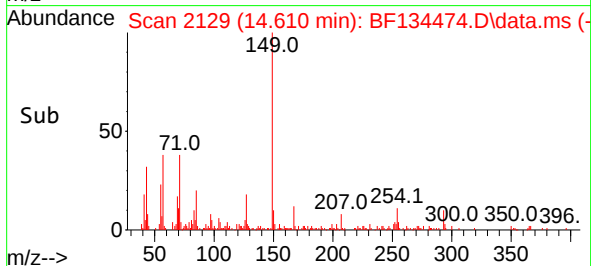
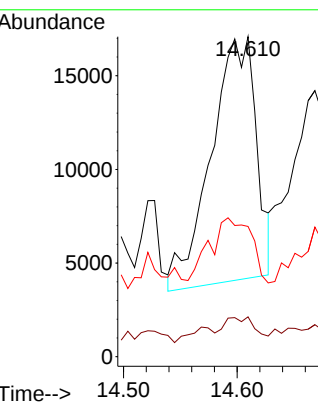
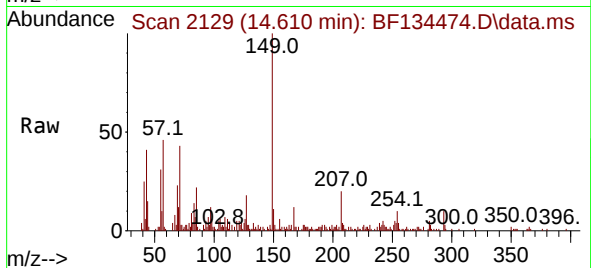
43 41.1 8.1 12.1

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Reviewed By :Yogesh Patel 07/26/2023

Supervised By :mohammad ahmed 07/26/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2285

Delta R.T. -0.006 min

Lab File: BF134474.D

Acq: 25 Jul 2023 21:23

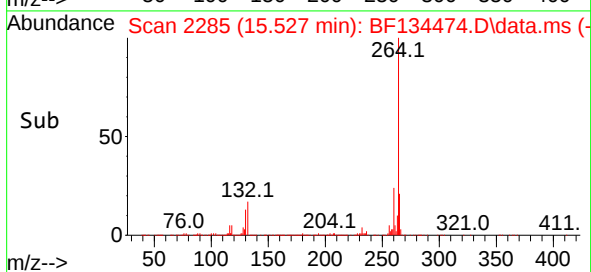
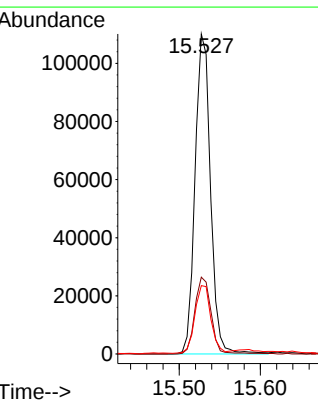
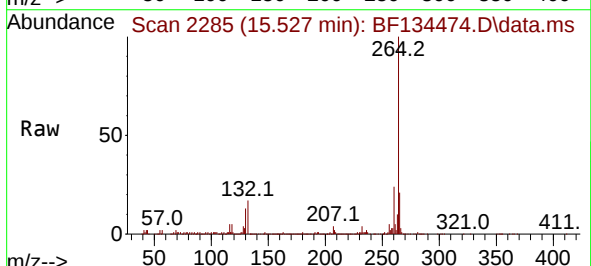
Tgt Ion:264 Resp: 145092

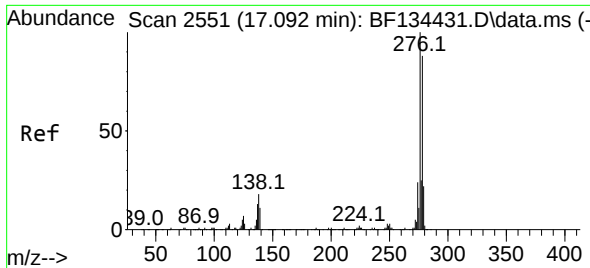
Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

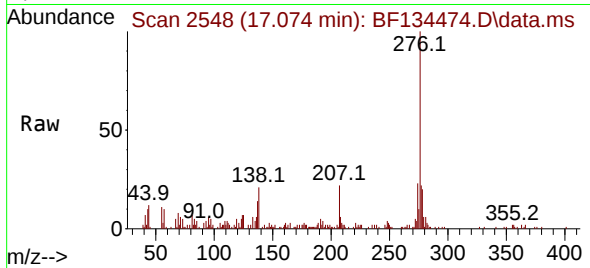
265 21.4 15.8 23.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.735 ng
RT: 17.074 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF134474.D
Acq: 25 Jul 2023 21:23

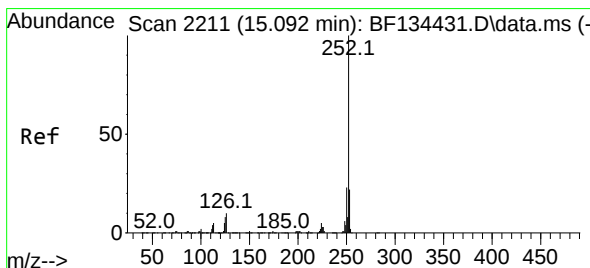
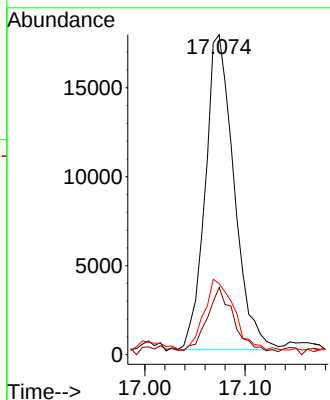
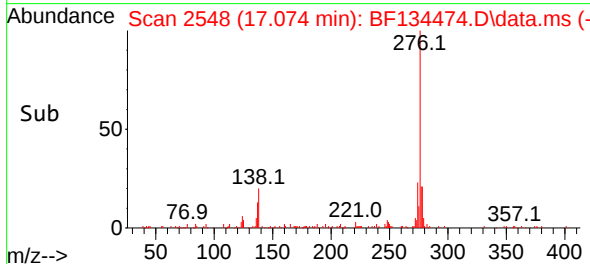
Instrument :
BNA_F
ClientSampleId :
72-12016



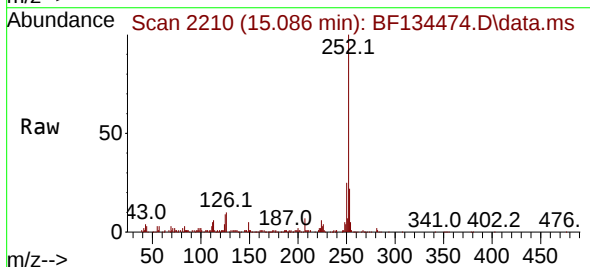
Tgt Ion:276 Resp: 3540
Ion Ratio Lower Upper
276 100
138 21.7 14.2 21.4
277 23.8 19.9 29.9

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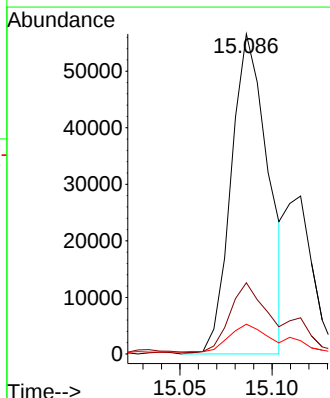
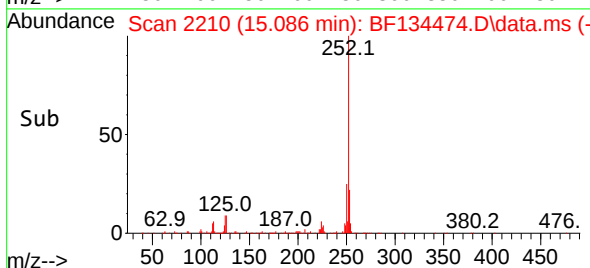
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

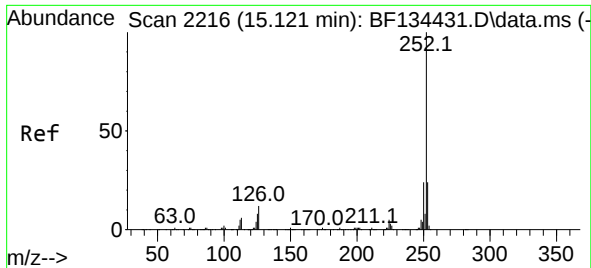


#88
Benzo(b)fluoranthene
Concen: 8.709 ng m
RT: 15.086 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BF134474.D
Acq: 25 Jul 2023 21:23



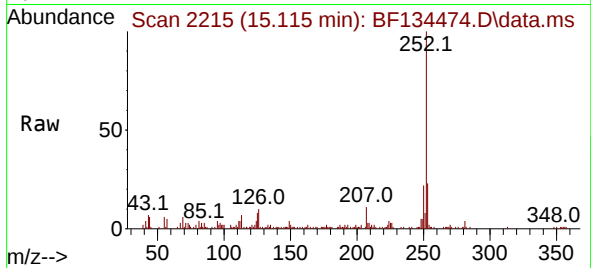
Tgt Ion:252 Resp: 79053
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 9.3 6.0 9.0#





#89
Benzo(k)fluoranthene
Concen: 3.188 ng m
RT: 15.115 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BF134474.D
Acq: 25 Jul 2023 21:23

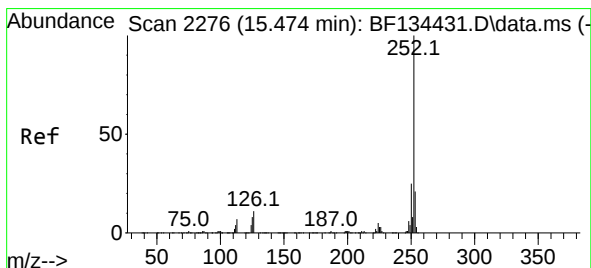
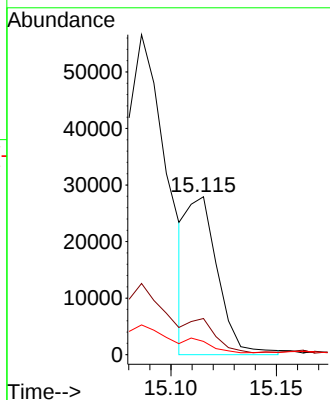
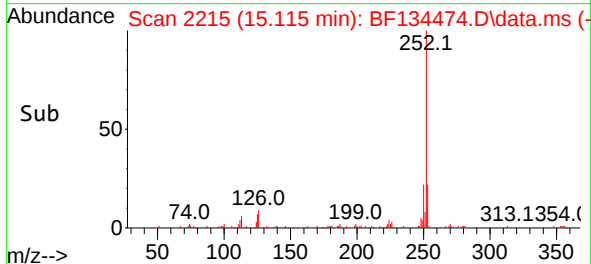
Instrument :
BNA_F
ClientSampleId :
72-12016



Tgt Ion:252 Resp: 2846
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 8.4 6.3 9.5

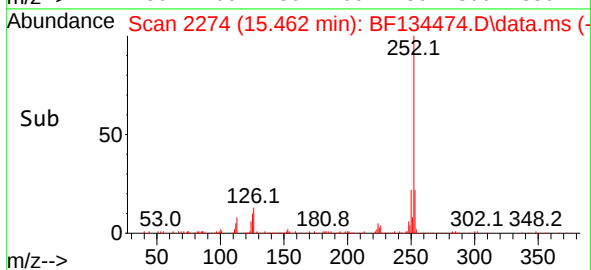
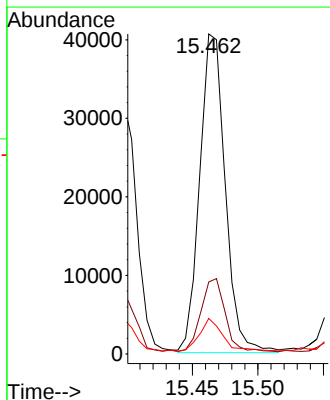
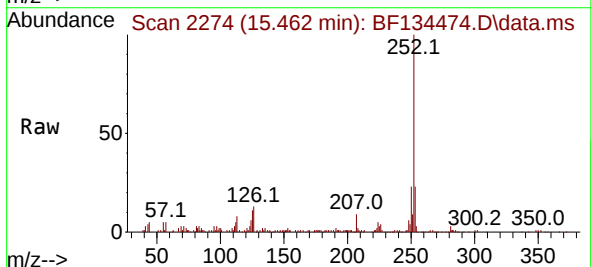
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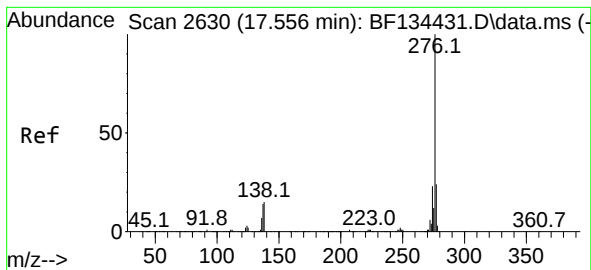
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#90
Benzo(a)pyrene
Concen: 6.575 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.012 min
Lab File: BF134474.D
Acq: 25 Jul 2023 21:23

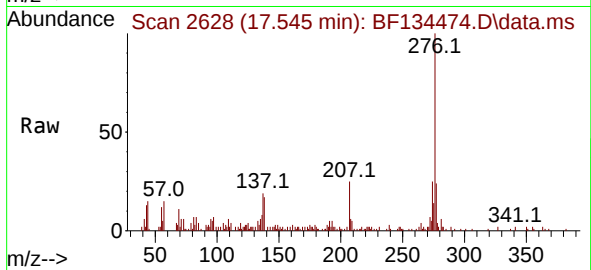
Tgt Ion:252 Resp: 55167
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.4
125 11.1 6.2 9.4#





#92
Benzo(g,h,i)perylene
Concen: 4.693 ng
RT: 17.545 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF134474.D
Acq: 25 Jul 2023 21:23

Instrument :
BNA_F
ClientSampleId :
72-12016



Tgt Ion:276 Resp: 36884
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.6
138 16.6 12.2 18.2

Manual Integrations
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Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

