

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134309.D
 Acq On : 15 Jul 2023 02:03
 Operator : CG\JU
 Sample : 03597-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-45-(0-2)

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 15 03:00:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	79200	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	299961	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	142950	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	263311	20.000	ng	0.00
76) Chrysene-d12	14.033	240	177461	20.000	ng	0.00
86) Perylene-d12	15.539	264	141275	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	342083	72.251	ng	0.00
7) Phenol-d6	6.475	99	412685	70.875	ng	-0.01
23) Nitrobenzene-d5	7.404	82	280779	50.458	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	125276	69.896	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	490714	49.909	ng	0.00
79) Terphenyl-d14	12.968	244	453692	41.146	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.592	202	42651	2.976	ng	97
78) Pyrene	12.827	202	44640	2.703	ng	99
83) Chrysene	14.062	228	24942m	2.092	ng	
88) Benzo(b)fluoranthene	15.098	252	26003m	3.130	ng	
90) Benzo(a)pyrene	15.474	252	18139	2.258	ng	98

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

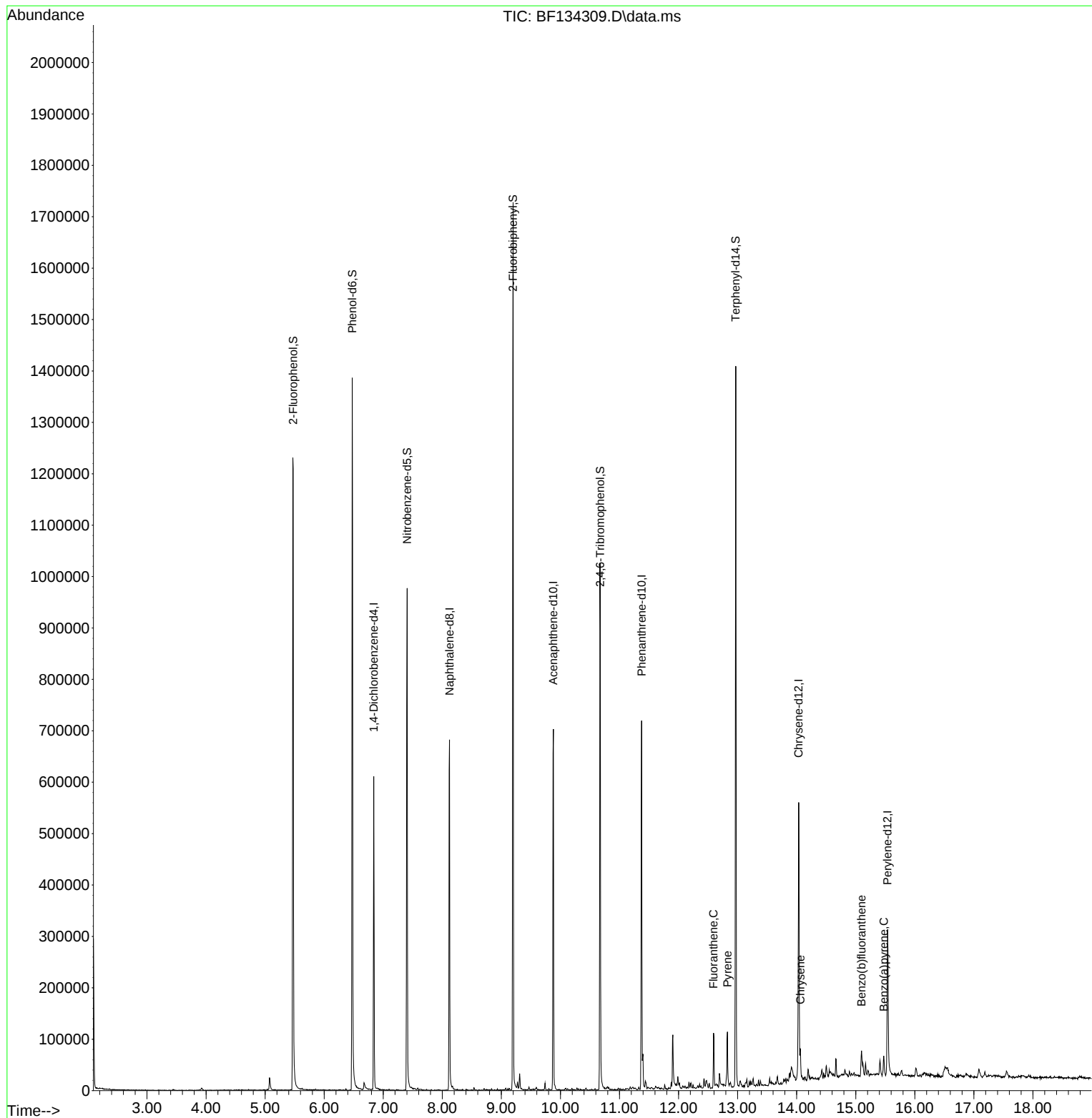
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134309.D
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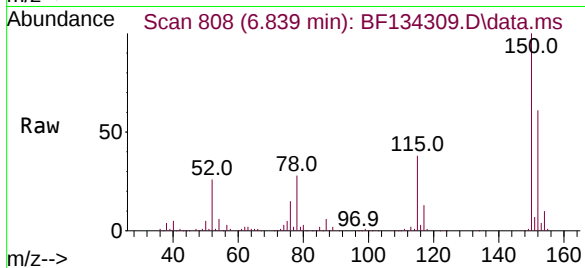
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03

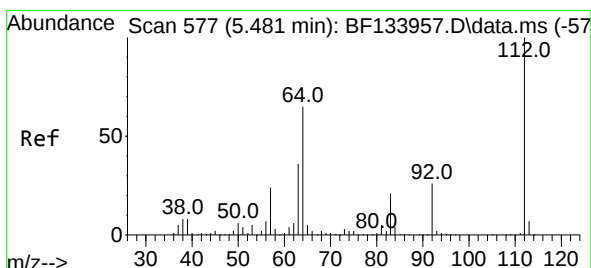
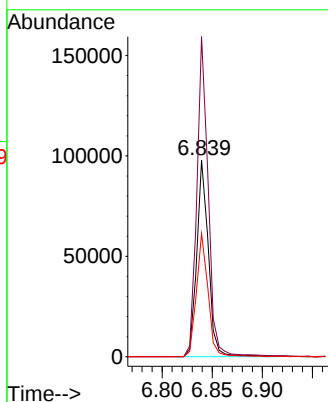
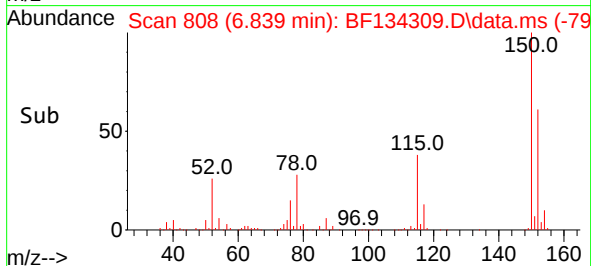
Instrument :
BNA_F
ClientSampleId :
RB-45-(0-2)



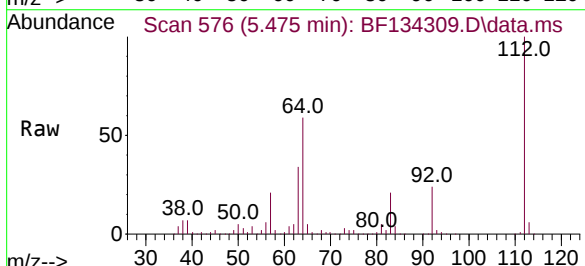
Tgt Ion:152 Resp: 79200
Ion Ratio Lower Upper
152 100
150 162.9 124.5 186.7
115 62.7 50.2 75.2

Manual Integrations
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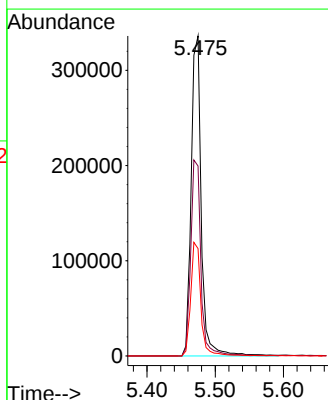
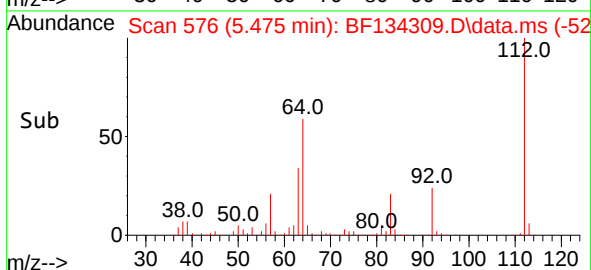
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023

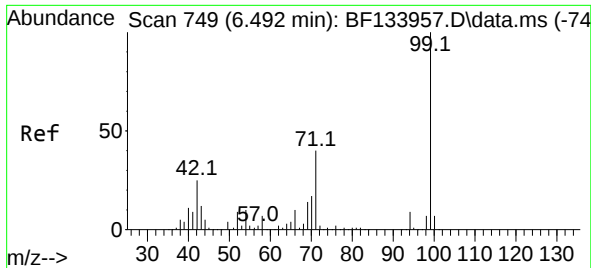


#5
2-Fluorophenol
Concen: 72.251 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03



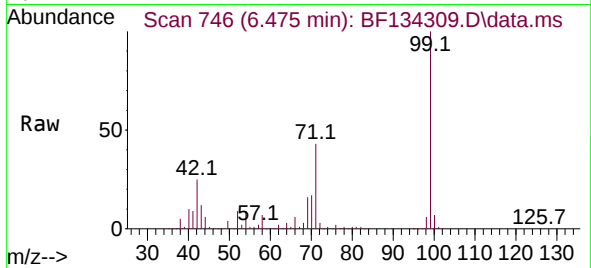
Tgt Ion:112 Resp: 342083
Ion Ratio Lower Upper
112 100
64 59.3 52.1 78.1
63 33.6 28.6 42.8





#7
Phenol-d6
Concen: 70.875 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03

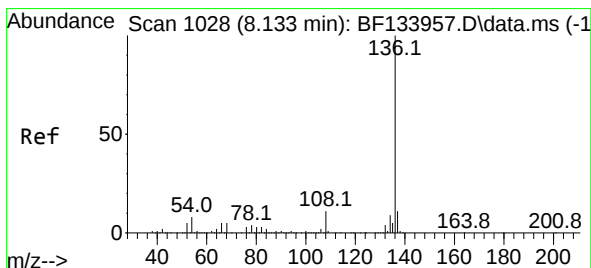
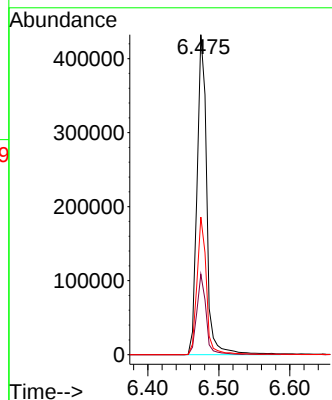
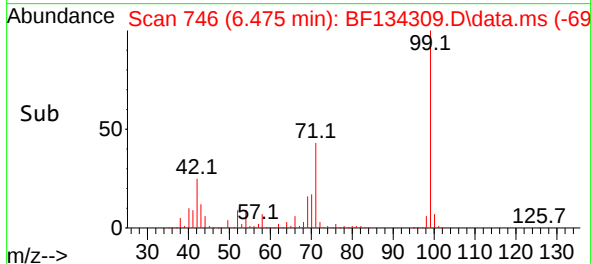
Instrument :
BNA_F
ClientSampleId :
RB-45-(0-2)



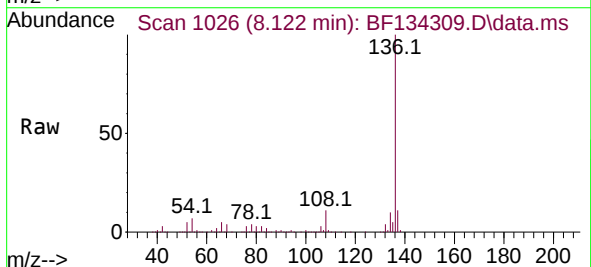
Tgt Ion: 99 Resp: 41268
Ion Ratio Lower Upper
99 100
42 25.2 19.8 29.6
71 43.0 31.9 47.9

Manual Integrations
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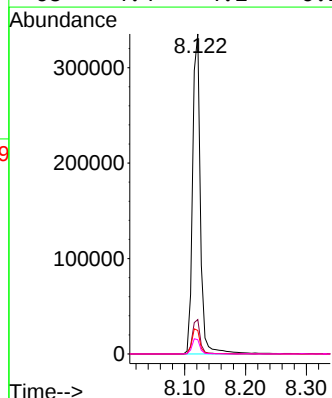
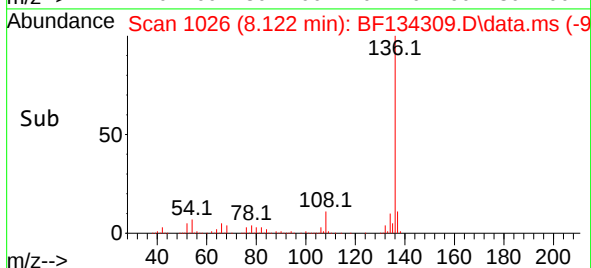
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03



Tgt Ion:136 Resp: 299961
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.3 6.5 9.7
68 4.4 4.2 6.2





#23

Nitrobenzene-d5

Concen: 50.458 ng

RT: 7.404 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF134309.D

Acq: 15 Jul 2023 02:03

Instrument :

BNA_F

ClientSampleId :

RB-45-(0-2)

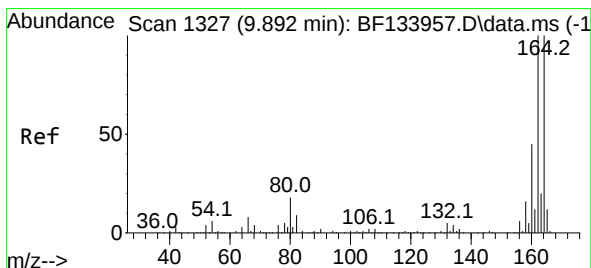
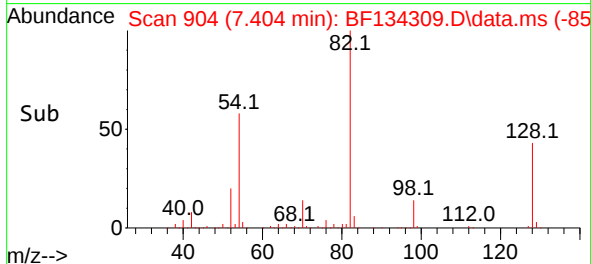
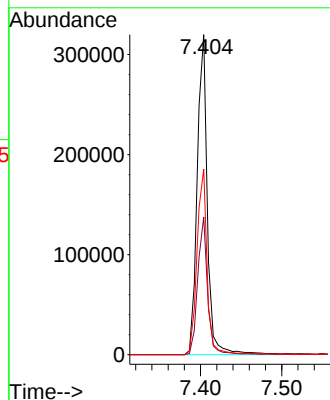
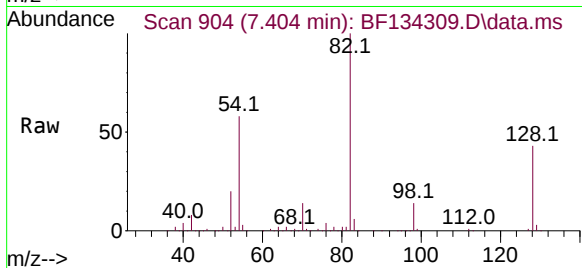
Tgt Ion: 82 Resp: 280779

Ion	Ratio	Lower	Upper
82	100		
128	43.1	32.5	48.7
54	58.0	48.2	72.2

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

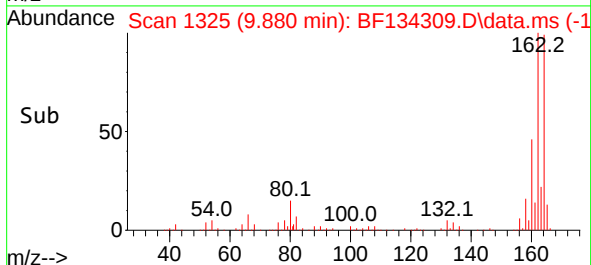
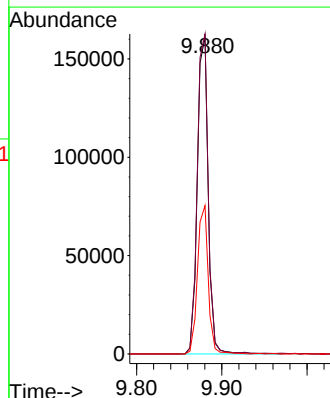
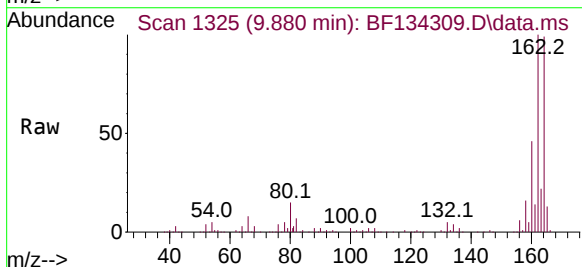
Delta R.T. -0.000 min

Lab File: BF134309.D

Acq: 15 Jul 2023 02:03

Tgt Ion:164 Resp: 142950

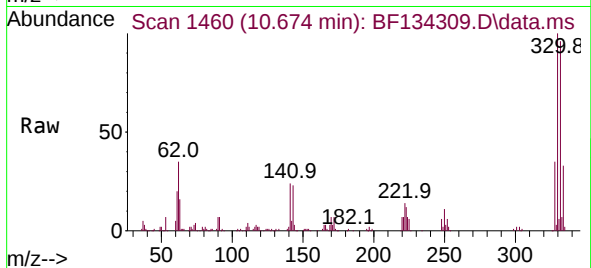
Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.0	120.0
160	46.8	35.9	53.9





#42
2,4,6-Tribromophenol
Concen: 69.896 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03

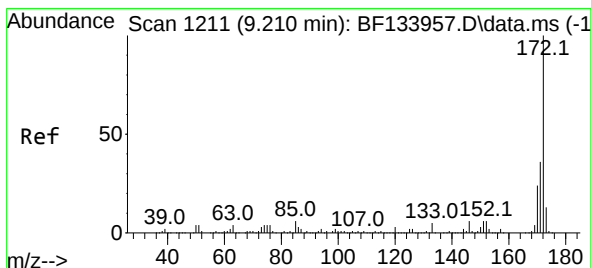
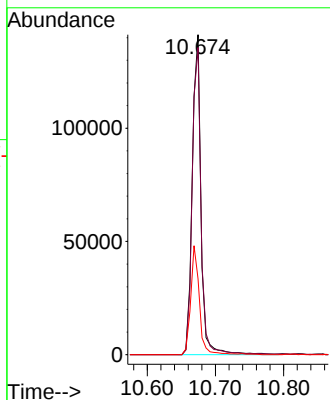
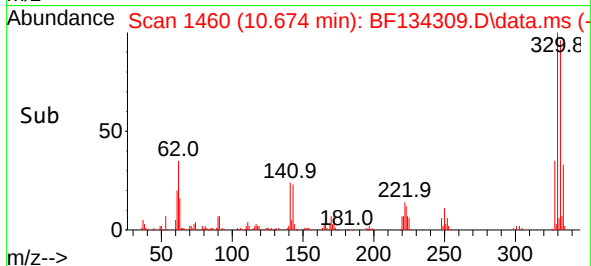
Instrument :
BNA_F
ClientSampleId :
RB-45-(0-2)



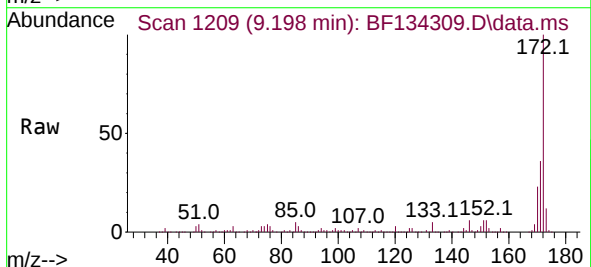
Tgt Ion: 330 Resp: 125270
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.6
141 33.8 26.3 39.5

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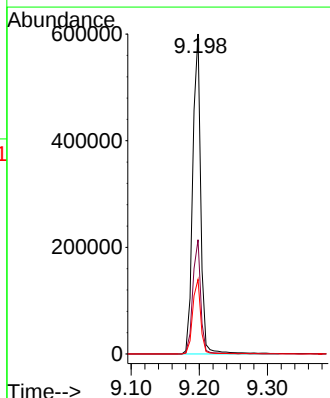
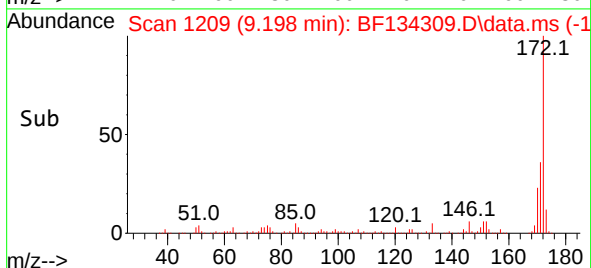
Reviewed By : Jagrut Upadhyay 07/15/2023
Supervised By : mohammad ahmed 07/19/2023



#45
2-Fluorobiphenyl
Concen: 49.909 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03



Tgt Ion: 172 Resp: 490714
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.3 19.4 29.0





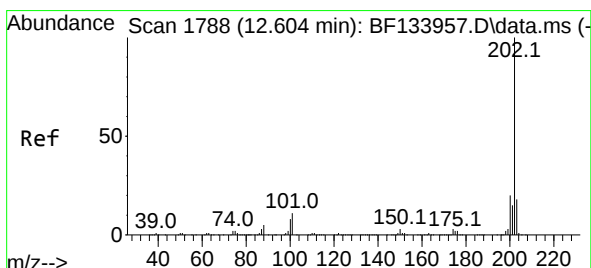
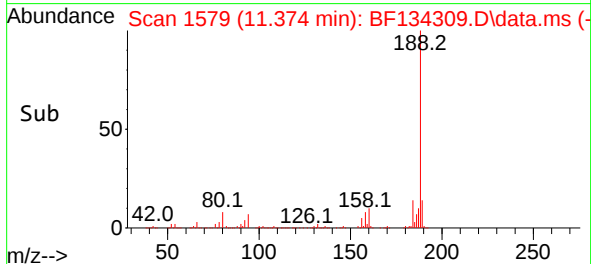
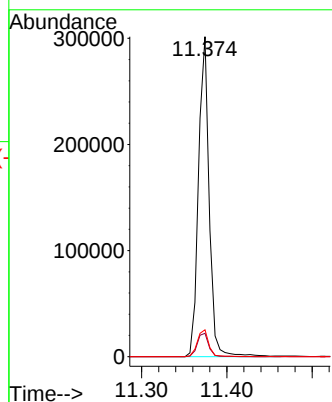
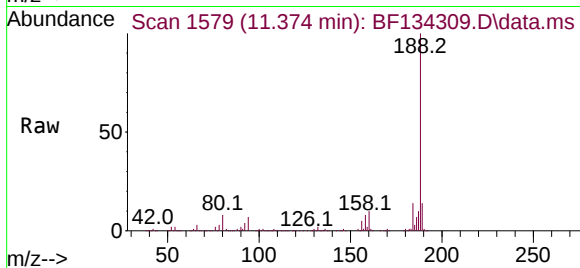
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03

Instrument :
BNA_F
ClientSampleId :
RB-45-(0-2)

Tgt Ion:188 Resp: 26331
Ion Ratio Lower Upper
188 100
94 7.3 6.4 9.6
80 8.4 7.3 10.9

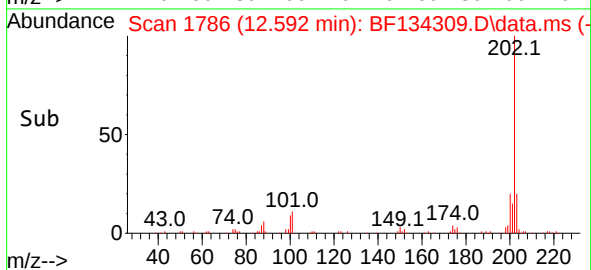
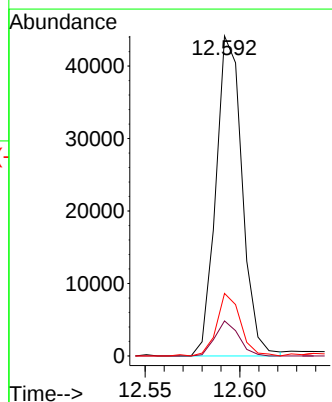
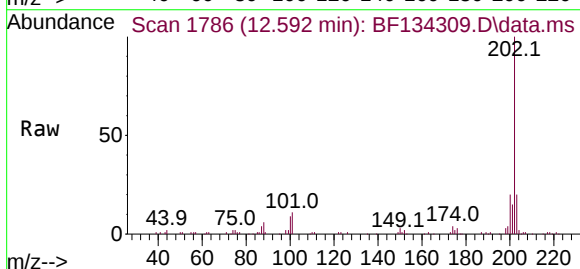
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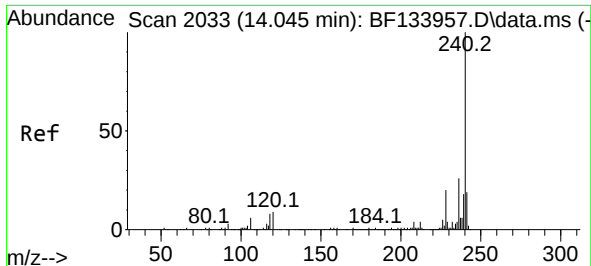
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#75
Fluoranthene
Concen: 2.976 ng
RT: 12.592 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03

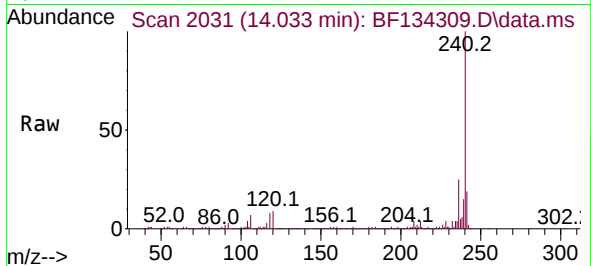
Tgt Ion:202 Resp: 42651
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.0
203 19.5 0.0 37.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03

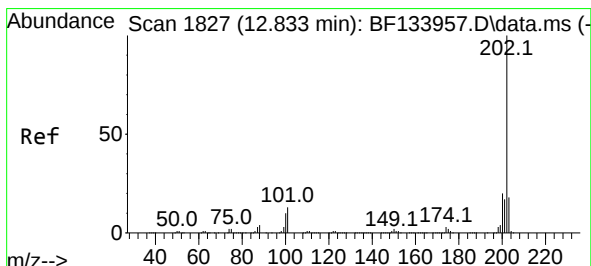
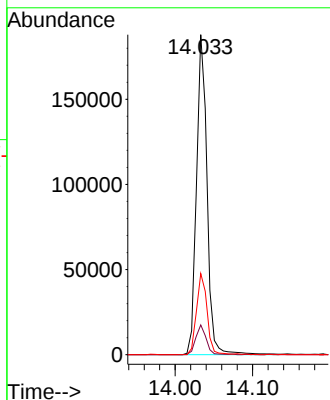
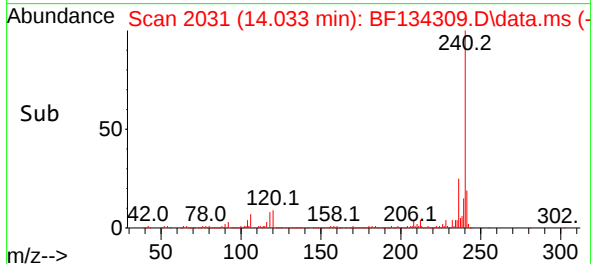
Instrument :
BNA_F
ClientSampleId :
RB-45-(0-2)



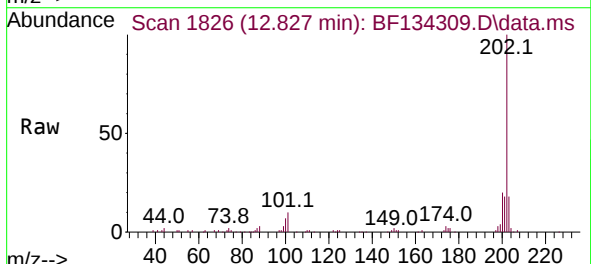
Tgt Ion:240 Resp: 17746
Ion Ratio Lower Upper
240 100
120 9.3 7.4 11.0
236 25.3 21.0 31.6

Manual Integrations
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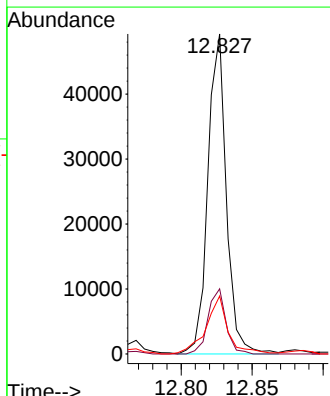
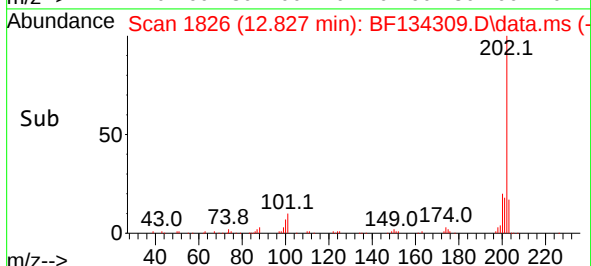
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023

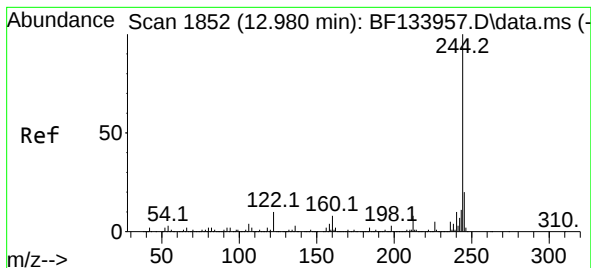


#78
Pyrene
Concen: 2.703 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03



Tgt Ion:202 Resp: 44640
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 18.1 14.3 21.5





#79

Terphenyl-d14

Concen: 41.146 ng

RT: 12.968 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134309.D

Acq: 15 Jul 2023 02:03

Instrument :

BNA_F

ClientSampleId :

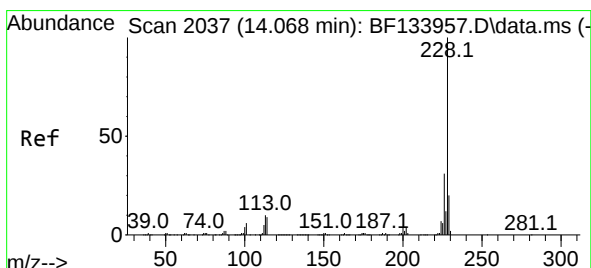
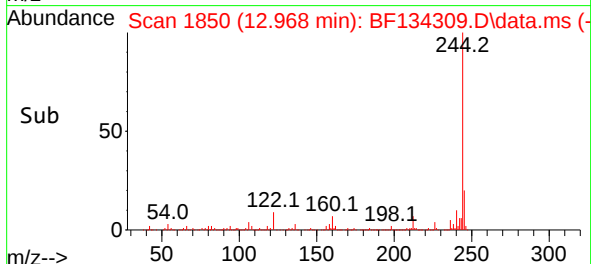
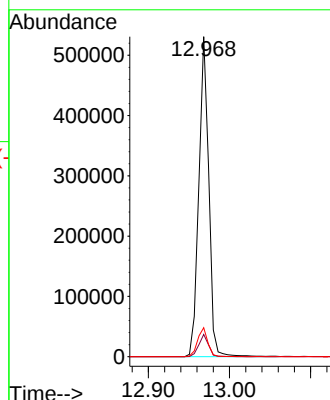
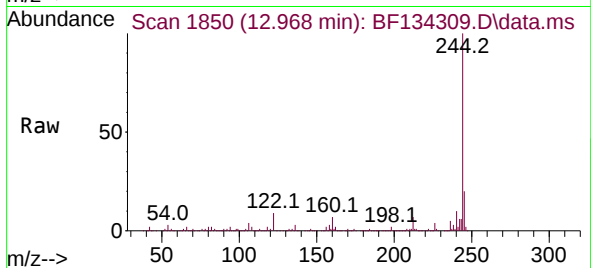
RB-45-(0-2)

Tgt Ion:244 Resp: 453692
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.1 8.3 12.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/19/2023



#83

Chrysene

Concen: 2.092 ng m

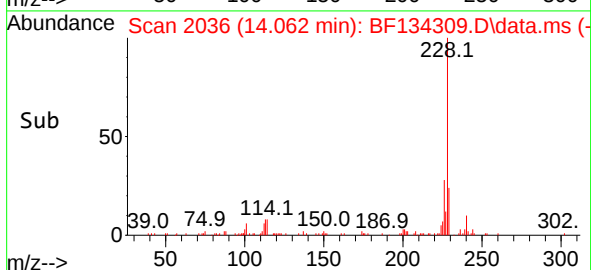
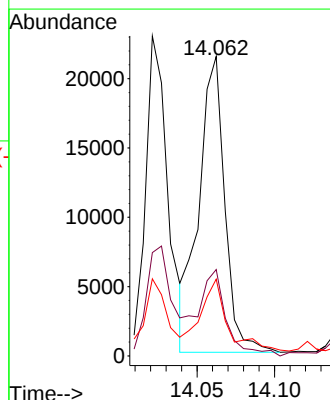
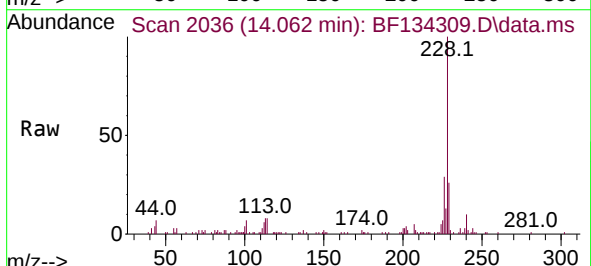
RT: 14.062 min Scan# 2036

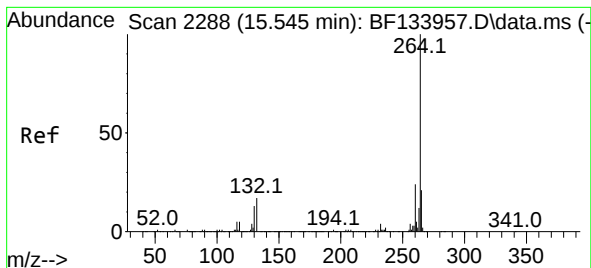
Delta R.T. -0.006 min

Lab File: BF134309.D

Acq: 15 Jul 2023 02:03

Tgt Ion:228 Resp: 24942
 Ion Ratio Lower Upper
 228 100
 226 28.8 24.4 36.6
 229 25.7 16.1 24.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BF134309.D

Acq: 15 Jul 2023 02:03

Instrument :

BNA_F

ClientSampleId :

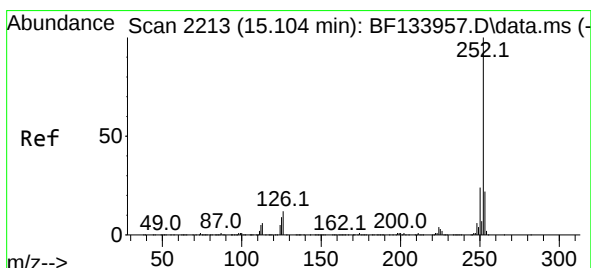
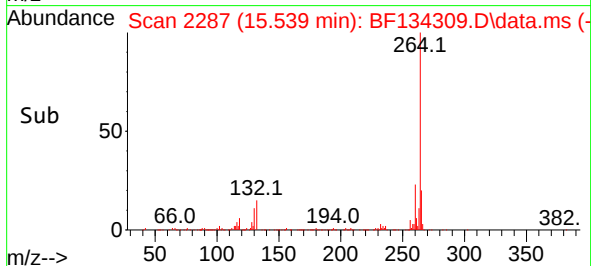
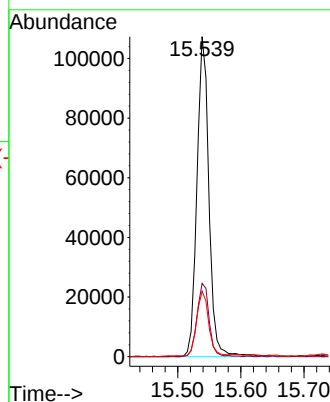
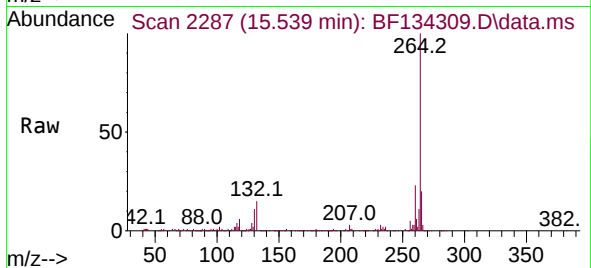
RB-45-(0-2)

Tgt Ion:264	Resp:	14127
Ion Ratio	Lower	Upper
264	100	
260	22.9	19.5 29.3
265	20.4	16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#88

Benzo(b)fluoranthene

Concen: 3.130 ng m

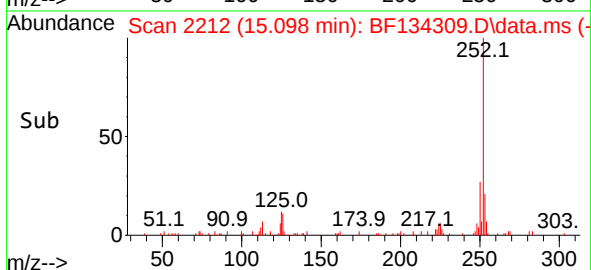
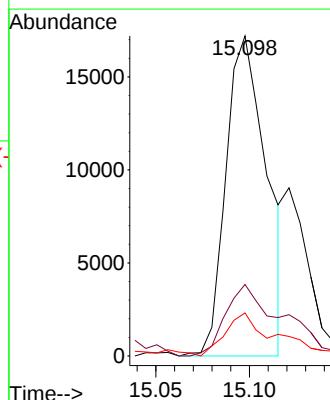
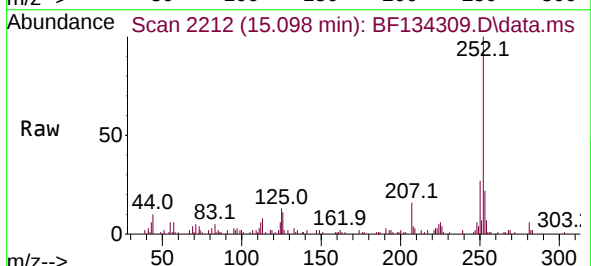
RT: 15.098 min Scan# 2212

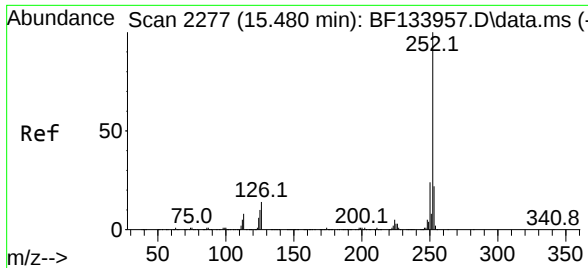
Delta R.T. -0.006 min

Lab File: BF134309.D

Acq: 15 Jul 2023 02:03

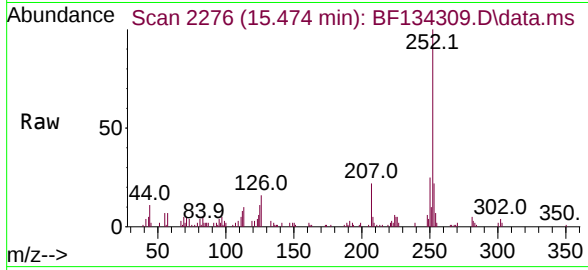
Tgt Ion:252	Resp:	26003
Ion Ratio	Lower	Upper
252	100	
253	22.3	17.4 26.0
125	13.4	7.1 10.7





#90
Benzo(a)pyrene
Concen: 2.258 ng
RT: 15.474 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03

Instrument :
BNA_F
ClientSampleId :
RB-45-(0-2)



Tgt Ion:252 Resp: 18139
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 11.4 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023

