

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134574.D
 Acq On : 02 Aug 2023 11:54
 Operator : CG\JU
 Sample : 03681-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-2-CS-2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023

Quant Time: Aug 02 13:21:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	192408	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	665592	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	255213	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	426305	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	297584	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	242707	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1065138	84.150	ng	0.00
7) Phenol-d6	6.428	99	1275959	78.859	ng	0.00
23) Nitrobenzene-d5	7.357	82	700022	65.725	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	198397	76.258	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1032908	67.293	ng	0.00
79) Terphenyl-d14	12.910	244	984780	58.338	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.545	163	37073	2.131	ng	98
75) Fluoranthene	12.527	202	118108	4.938	ng	96
78) Pyrene	12.757	202	109517	4.253	ng	98
81) Benzo(a)anthracene	13.951	228	49996	2.350	ng	92
83) Chrysene	13.986	228	41862	2.019	ng	98
88) Benzo(b)fluoranthene	14.998	252	43810m	2.960	ng	
90) Benzo(a)pyrene	15.357	252	30429	2.205	ng	# 86

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

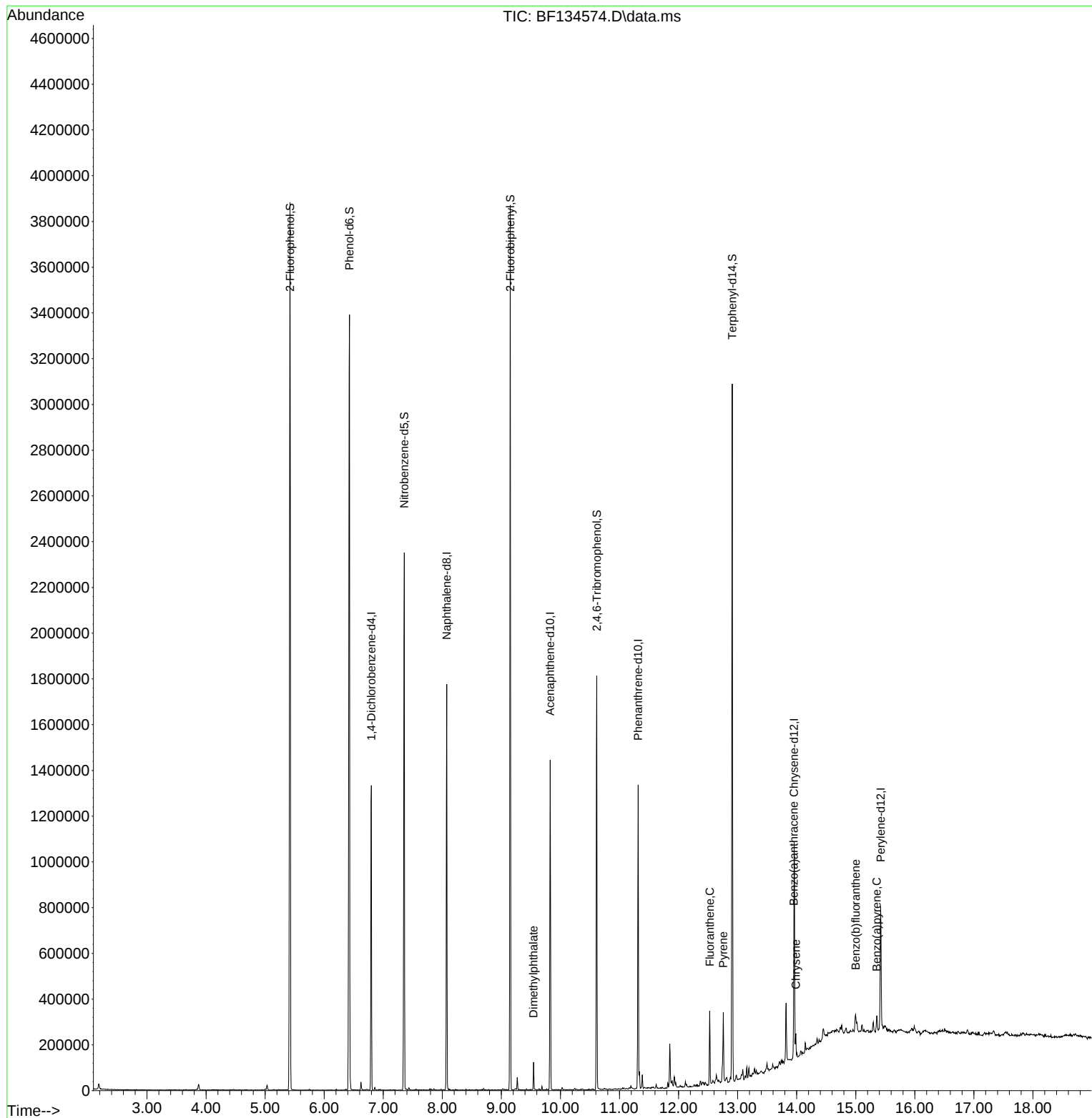
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134574.D
Acq On : 02 Aug 2023 11:54
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ALS Vial : 8 Sample Multiplier: 1

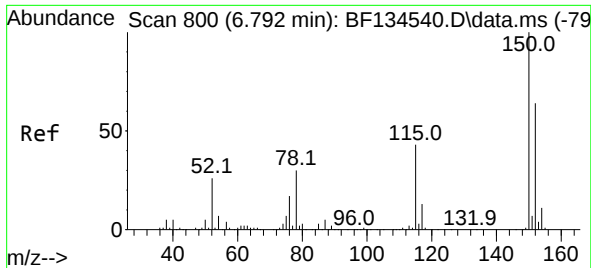
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
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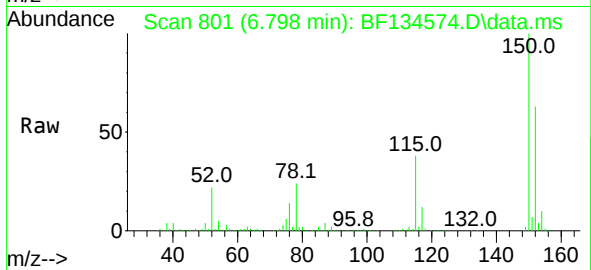
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134574.D
Acq: 02 Aug 2023 11:54

Instrument :

BNA_F

ClientSampleId :

RPTP-2-CS-2

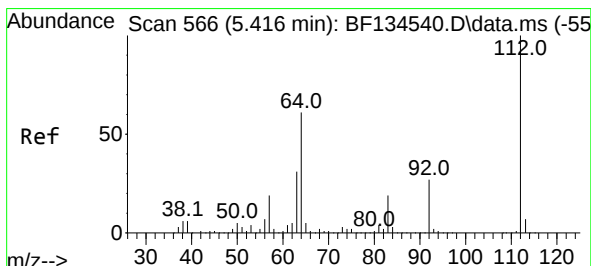
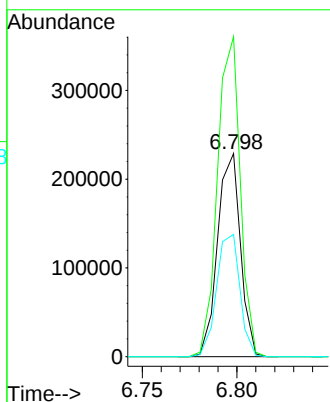
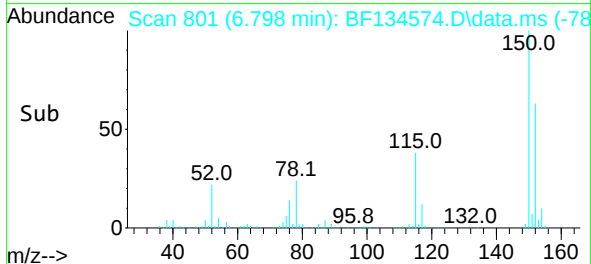


Tgt Ion:152 Resp: 192408
Ion Ratio Lower Upper
152 100
150 157.5 128.3 192.5
115 60.2 52.4 78.6

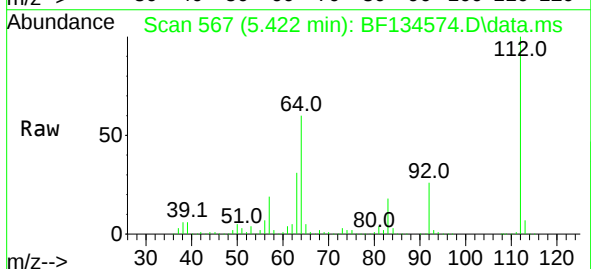
Manual Integrations

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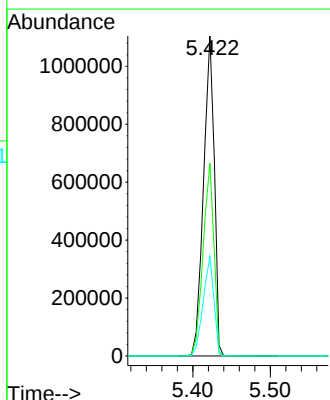
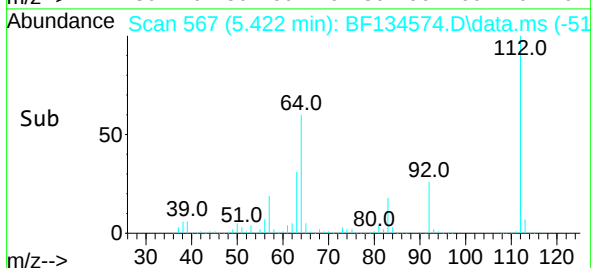
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

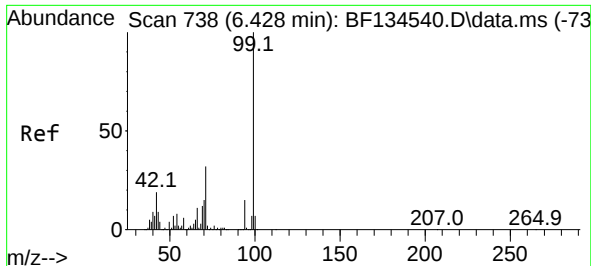


#5
2-Fluorophenol
Concen: 84.150 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF134574.D
Acq: 02 Aug 2023 11:54



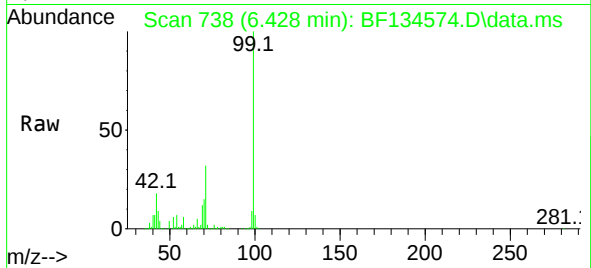
Tgt Ion:112 Resp: 1065138
Ion Ratio Lower Upper
112 100
64 60.2 44.9 67.3
63 31.2 25.4 38.0





#7
Phenol-d6
Concen: 78.859 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134574.D
Acq: 02 Aug 2023 11:54

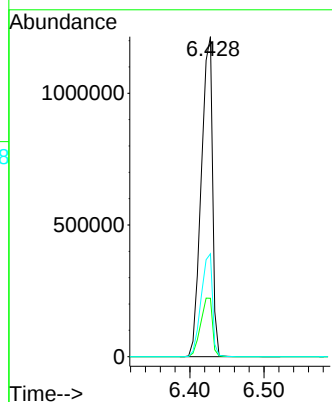
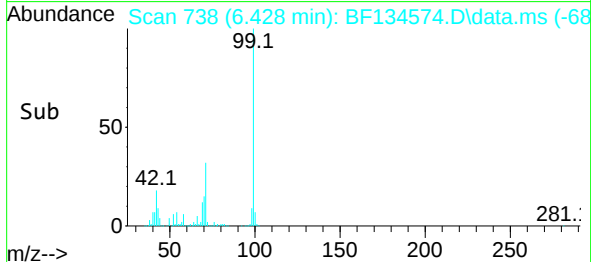
Instrument :
BNA_F
ClientSampleId :
RPTP-2-CS-2



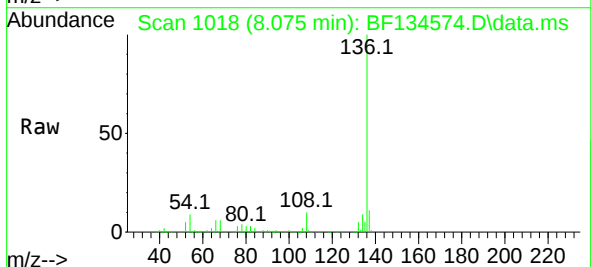
Tgt Ion: 99 Resp: 1275959
Ion Ratio Lower Upper
99 100
42 18.3 18.7 28.1#
71 32.2 36.4 54.6#

Manual Integrations
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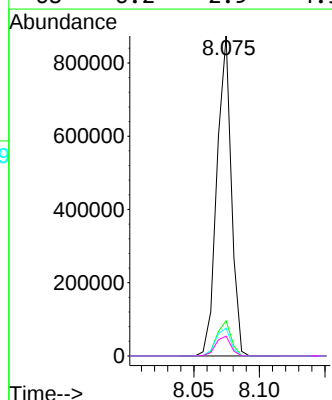
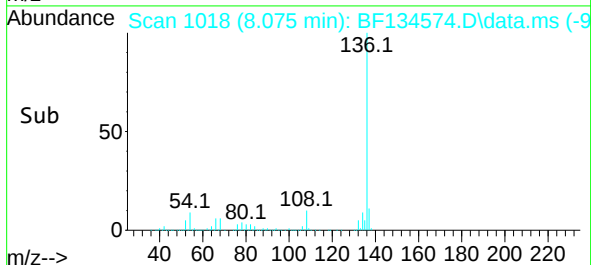
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

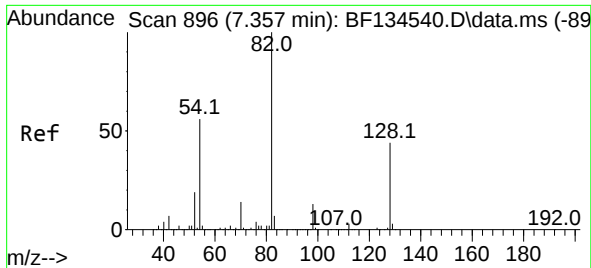


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134574.D
Acq: 02 Aug 2023 11:54



Tgt Ion:136 Resp: 665592
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.7 5.2 7.8#
68 6.2 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 65.725 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF134574.D

Acq: 02 Aug 2023 11:54

Instrument :

BNA_F

ClientSampleId :

RPTP-2-CS-2

Tgt Ion: 82 Resp: 70002

Ion Ratio Lower Upper

82 100

128 46.0 34.3 51.5

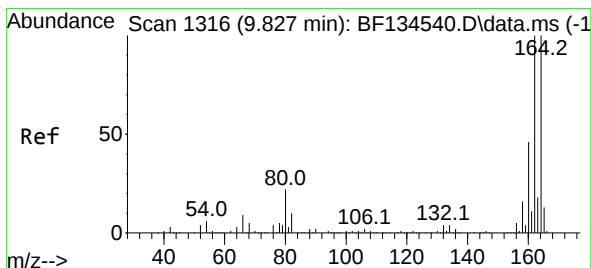
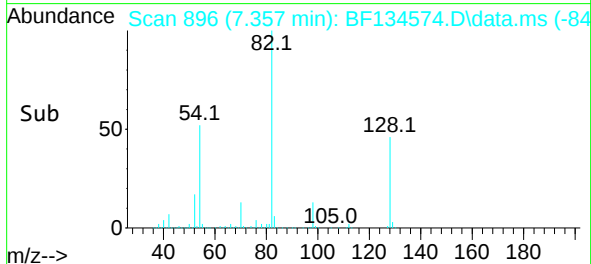
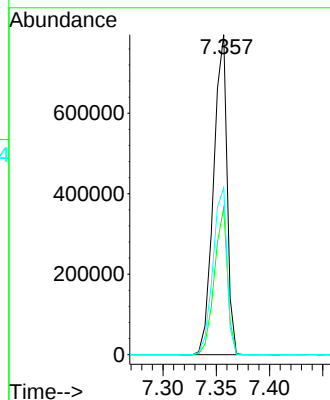
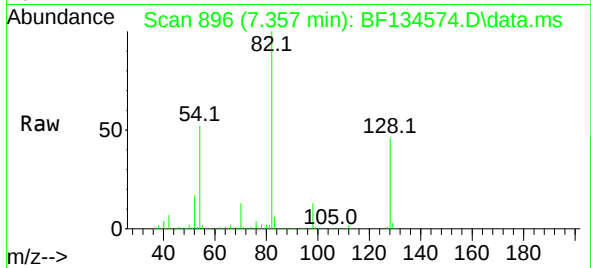
54 52.2 43.8 65.6

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Supervised By :mohammad ahmed 08/03/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BF134574.D

Acq: 02 Aug 2023 11:54

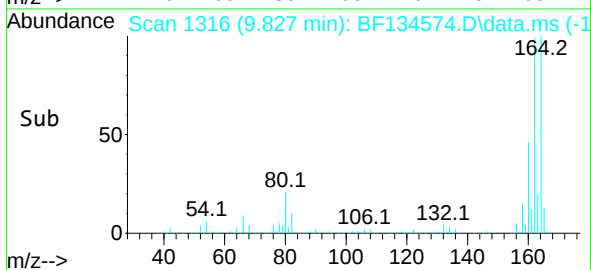
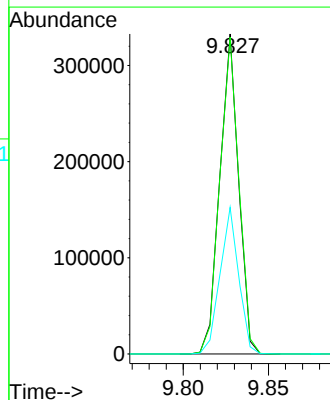
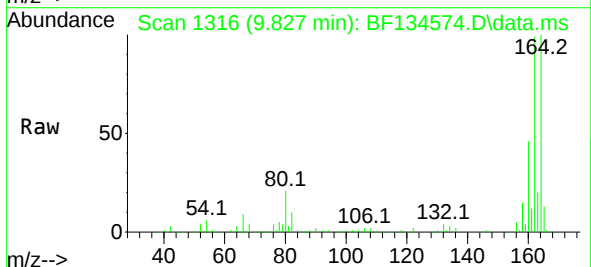
Tgt Ion:164 Resp: 255213

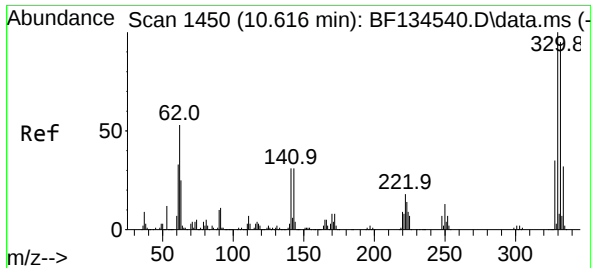
Ion Ratio Lower Upper

164 100

162 99.0 82.6 123.8

160 45.8 37.2 55.8





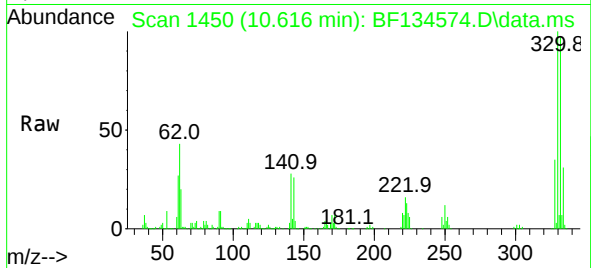
#42
2,4,6-Tribromophenol
Concen: 76.258 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF134574.D
Acq: 02 Aug 2023 11:54

Instrument :

BNA_F

ClientSampleId :

RPTP-2-CS-2



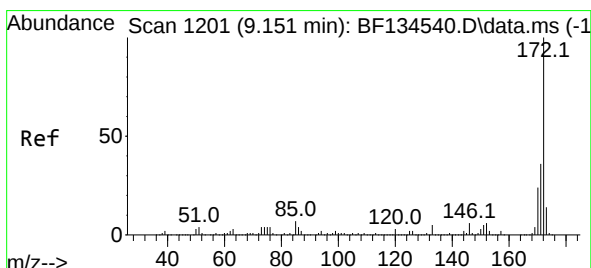
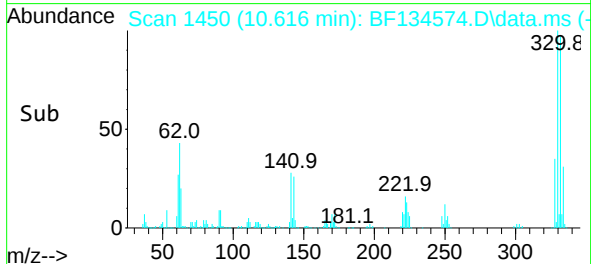
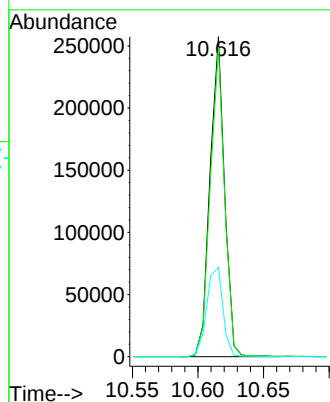
Tgt Ion: 330 Resp: 198397
Ion Ratio Lower Upper
330 100
332 95.6 78.8 118.2
141 31.5 25.4 38.2

Manual Integrations

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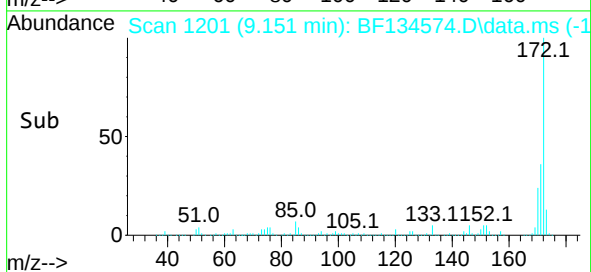
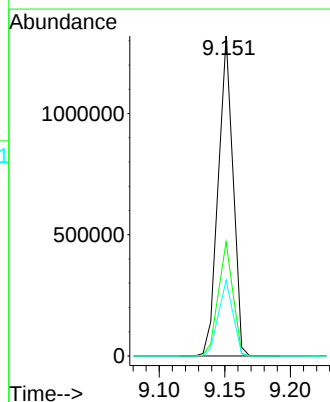
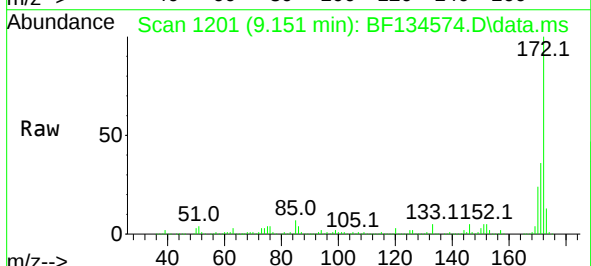
Reviewed By : Yogesh Patel 08/03/2023

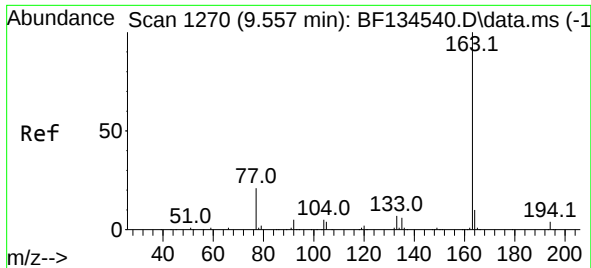
Supervised By : mohammad ahmed 08/03/2023



#45
2-Fluorobiphenyl
Concen: 67.293 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF134574.D
Acq: 02 Aug 2023 11:54

Tgt Ion: 172 Resp: 1032908
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.7 18.7 28.1





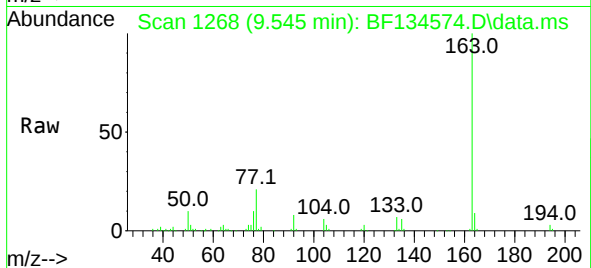
#50
Dimethylphthalate
Concen: 2.131 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF134574.D
Acq: 02 Aug 2023 11:54

Instrument :

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RPTP-2-CS-2

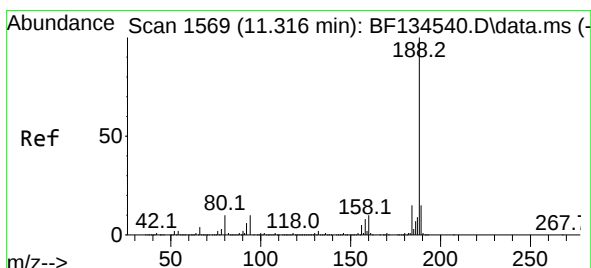
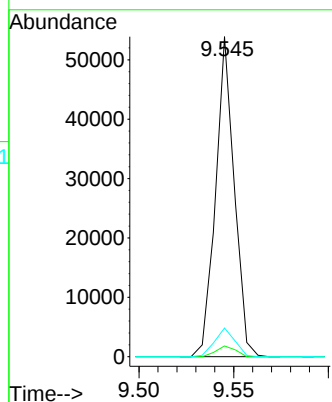
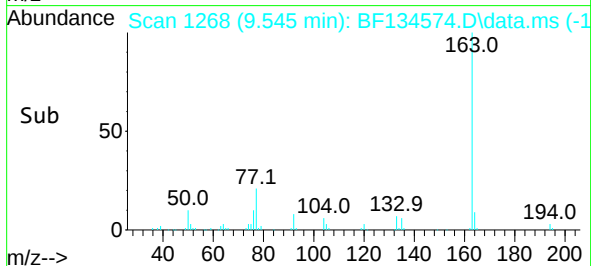


Tgt Ion:163 Resp: 3707
Ion Ratio Lower Upper
163 100
194 3.4 3.3 4.9
164 9.0 7.5 11.3

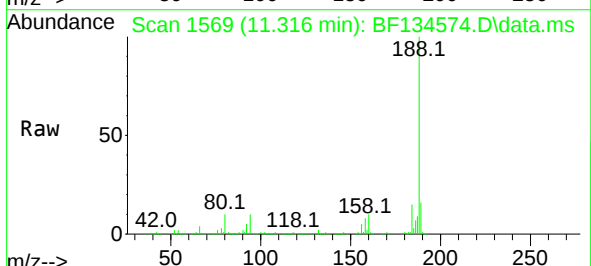
Manual Integrations

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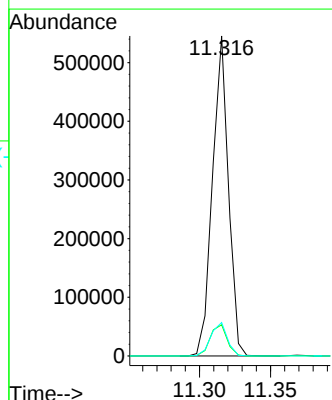
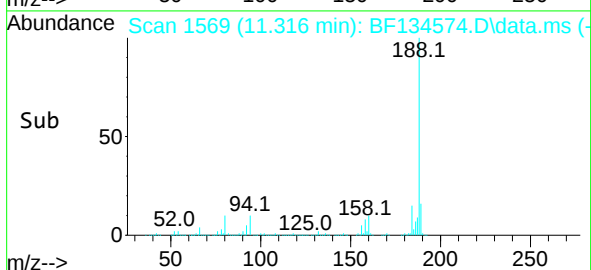
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

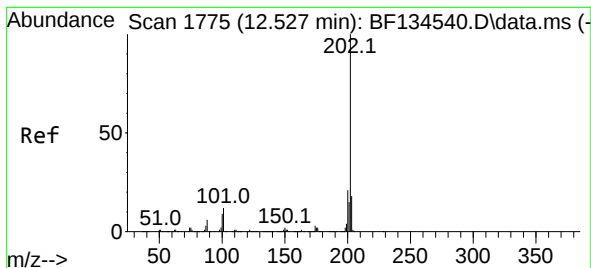


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134574.D
Acq: 02 Aug 2023 11:54



Tgt Ion:188 Resp: 426305
Ion Ratio Lower Upper
188 100
94 9.8 5.1 7.7#
80 10.4 6.6 9.8#





#75

Fluoranthene

Concen: 4.938 ng

RT: 12.527 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134574.D

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Instrument :

BNA_F

ClientSampleId :

RPTP-2-CS-2

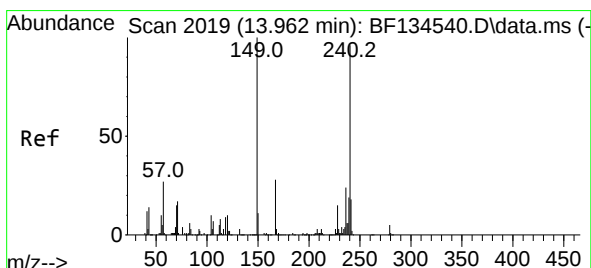
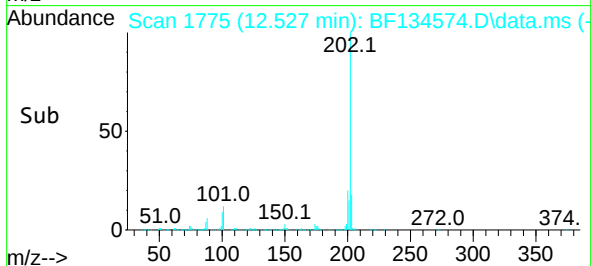
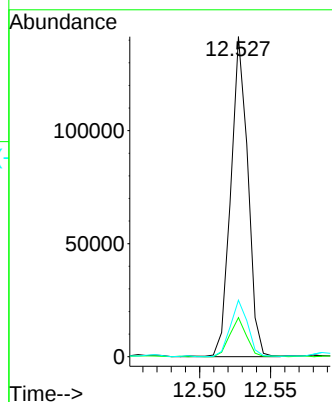
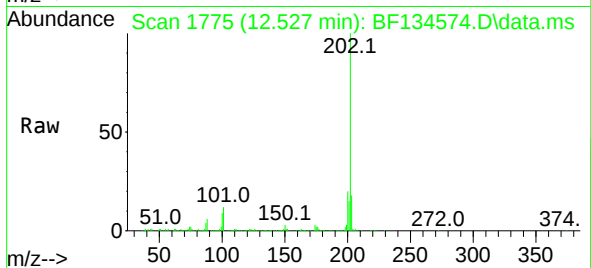
Tgt Ion:	202	Resp:	118108
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	28.5
203	17.7	0.0	37.5

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#76

Chrysene-d12

Concen: 20.000 ng

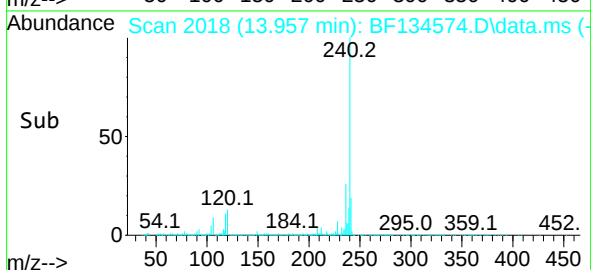
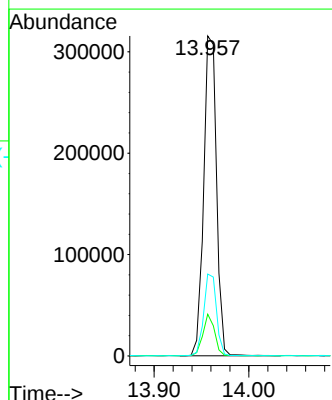
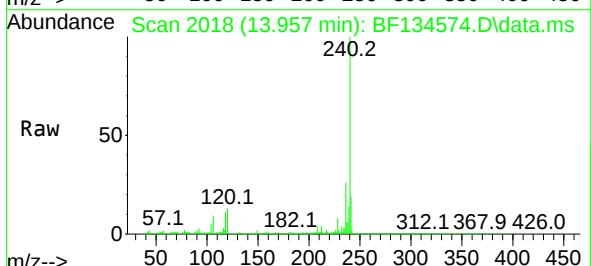
RT: 13.957 min Scan# 2018

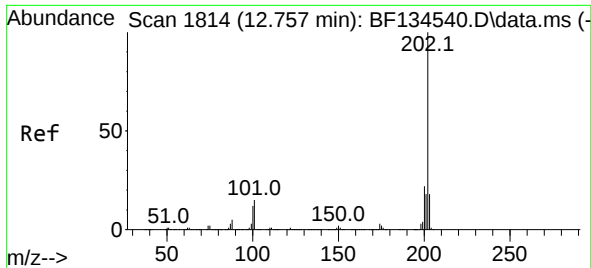
Delta R.T. -0.006 min

Lab File: BF134574.D

Acq: 02 Aug 2023 11:54

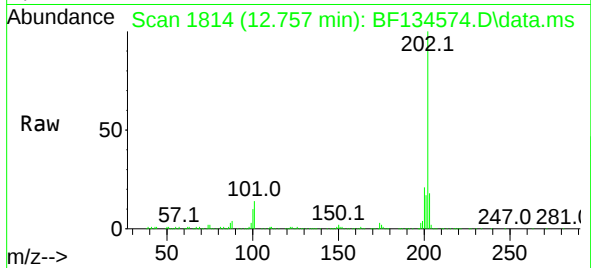
Tgt Ion:	240	Resp:	297584
Ion Ratio	Lower	Upper	
240	100		
120	13.0	6.6	10.0#
236	25.6	20.2	30.2





#78
Pyrene
Concen: 4.253 ng
RT: 12.757 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF134574.D
Acq: 02 Aug 2023 11:54

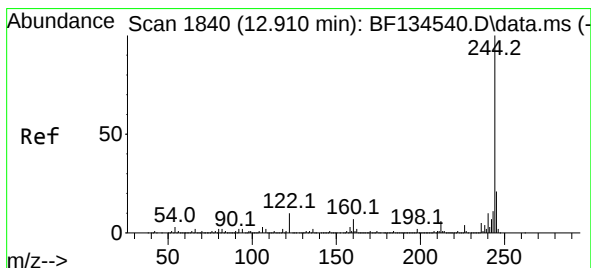
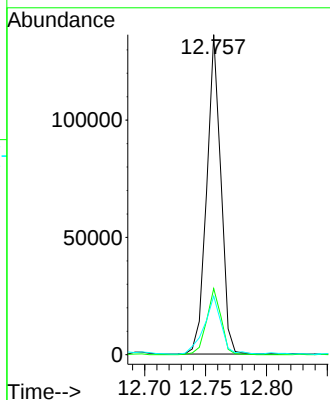
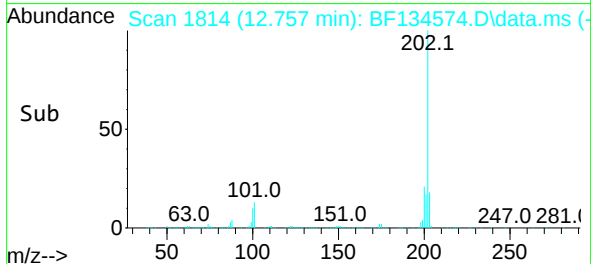
Instrument :
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RPTP-2-CS-2



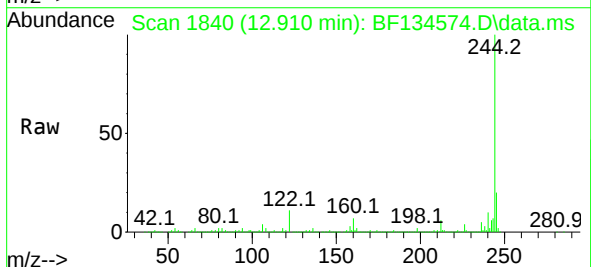
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Ion Ratio Lower Upper
202 100
200 20.6 15.8 23.8
203 18.3 13.5 20.3

Manual Integrations
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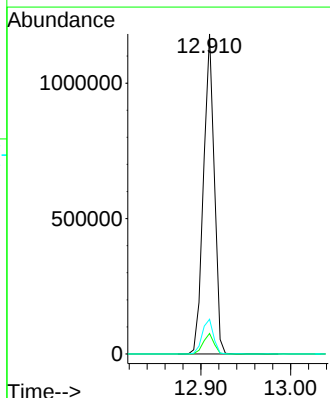
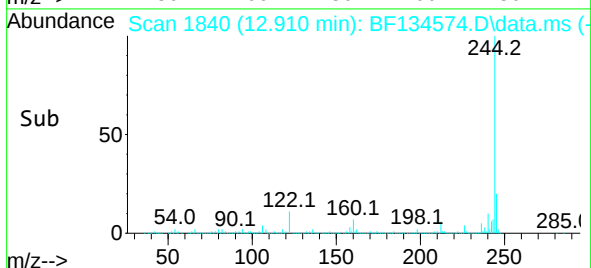
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

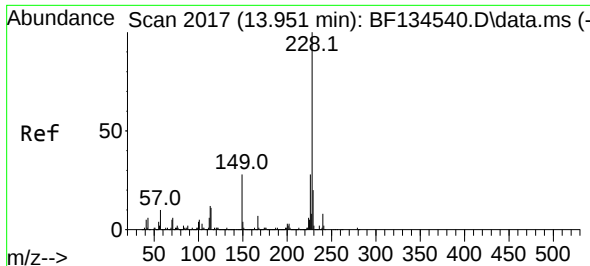


#79
Terphenyl-d14
Concen: 58.338 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF134574.D
Acq: 02 Aug 2023 11:54



Tgt Ion:244 Resp: 984780
Ion Ratio Lower Upper
244 100
212 6.4 5.6 8.4
122 10.8 8.0 12.0





#81
Benzo(a)anthracene
Concen: 2.350 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF134574.D
Acq: 02 Aug 2023 11:54

Instrument :

BNA_F

ClientSampleId :

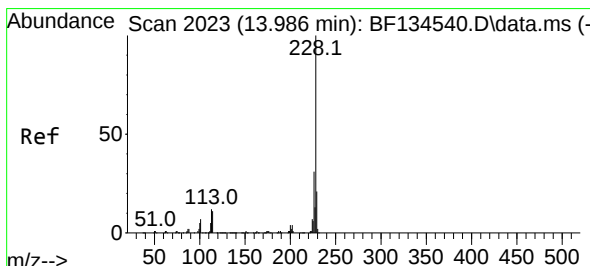
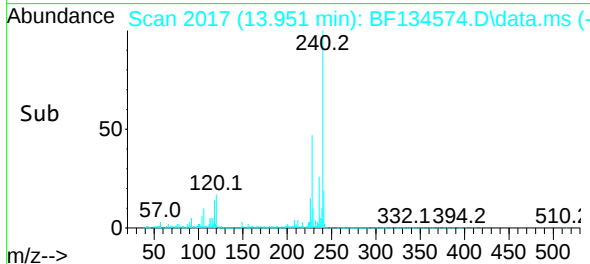
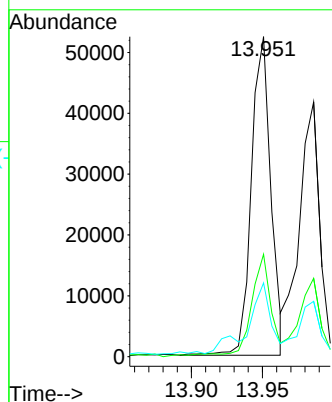
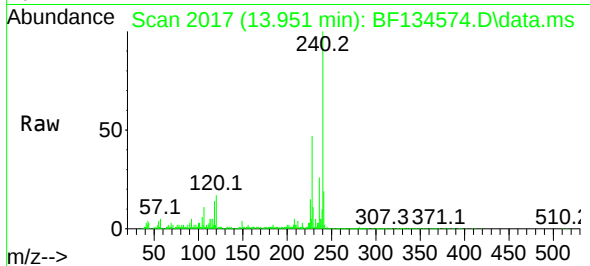
RPTP-2-CS-2

Tgt Ion:228 Resp: 49990
Ion Ratio Lower Upper
228 100
226 32.0 22.3 33.5
229 23.0 15.8 23.6

Manual Integrations

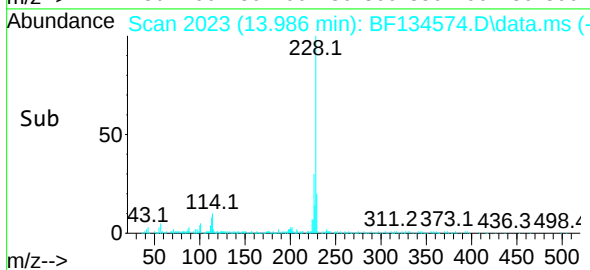
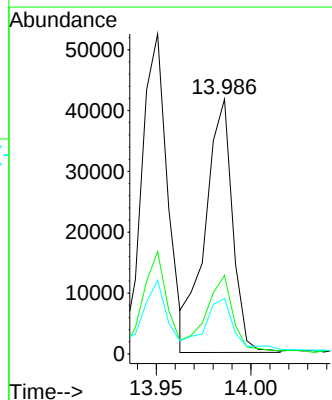
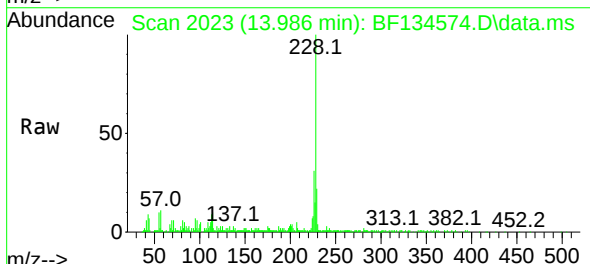
APPROVED

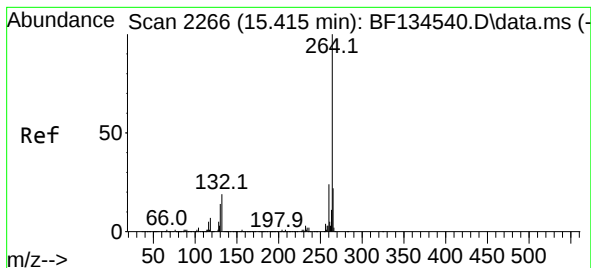
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#83
Chrysene
Concen: 2.019 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF134574.D
Acq: 02 Aug 2023 11:54

Tgt Ion:228 Resp: 41862
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 21.7 15.8 23.8





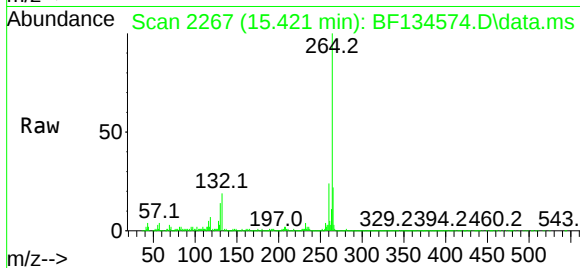
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF134574.D
Acq: 02 Aug 2023 11:54

Instrument :

BNA_F

ClientSampleId :

RPTP-2-CS-2

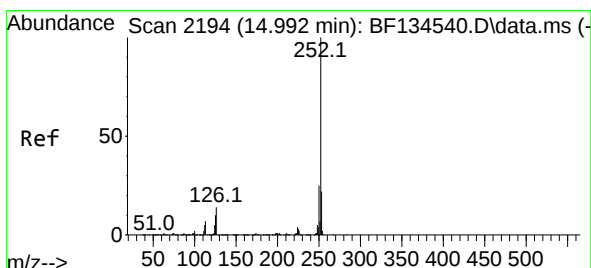
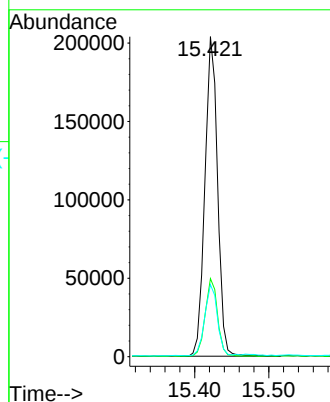
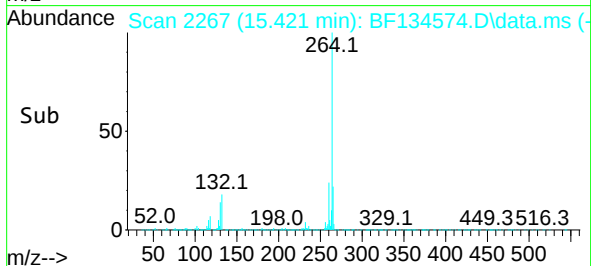


Tgt Ion:264 Resp: 24270
Ion Ratio Lower Upper
264 100
260 24.4 18.4 27.6
265 22.5 15.8 23.8

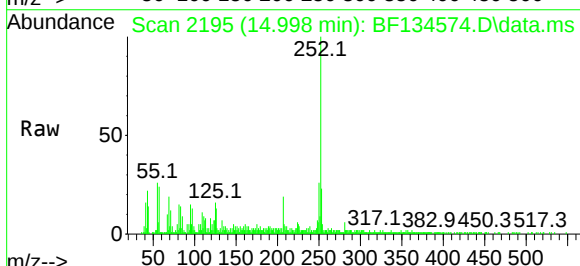
Manual Integrations

APPROVED

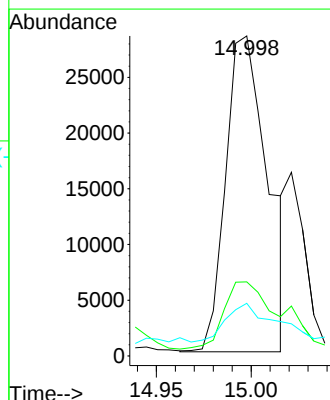
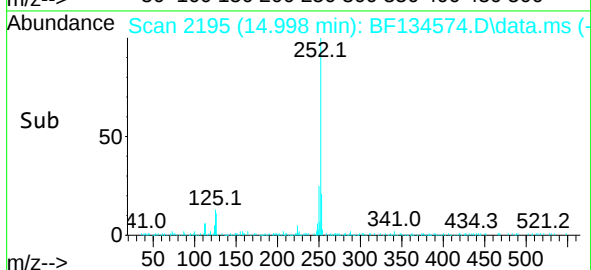
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

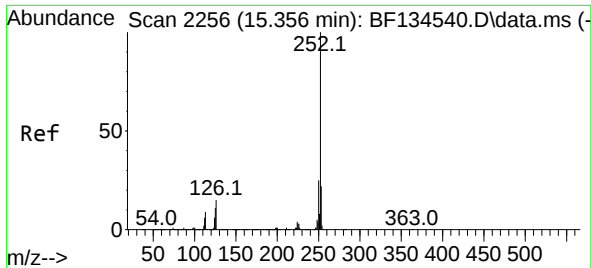


#88
Benzo(b)fluoranthene
Concen: 2.960 ng m
RT: 14.998 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF134574.D
Acq: 02 Aug 2023 11:54



Tgt Ion:252 Resp: 43810
Ion Ratio Lower Upper
252 100
253 23.2 17.3 25.9
125 16.4 6.0 9.0#





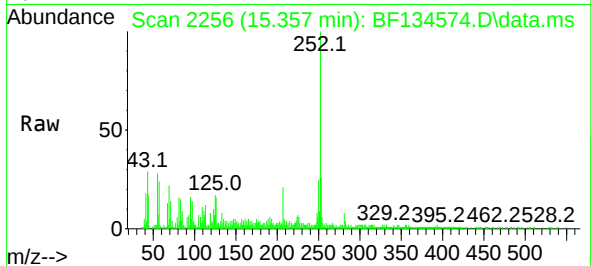
#90
Benzo(a)pyrene
Concen: 2.205 ng
RT: 15.357 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF134574.D
Acq: 02 Aug 2023 11:54

Instrument :

BNA_F

ClientSampleId :

RPTP-2-CS-2



Tgt Ion:252 Resp: 30429
Ion Ratio Lower Upper
252 100
253 26.1 17.0 25.4
125 16.6 6.2 9.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023

