

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
 Data File : BF134920.D
 Acq On : 24 Aug 2023 13:00
 Operator : CG\JU
 Sample : 04119-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB21153

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023

Quant Time: Aug 25 01:18:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	110986	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	415564	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	173125	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	164180	20.000	ng	# 0.02
76) Chrysene-d12	13.992	240	234230	20.000	ng	0.01
86) Perylene-d12	15.457	264	286883	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	578407	83.106	ng	0.00
7) Phenol-d6	6.428	99	713091	80.182	ng	-0.01
23) Nitrobenzene-d5	7.351	82	437952	58.072	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	140741	69.025	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	739416	66.025	ng	0.00
79) Terphenyl-d14	12.951	244	524341	30.789	ng	0.03
Target Compounds						Qvalue
75) Fluoranthene	12.580	202	69239	8.494	ng	73
81) Benzo(a)anthracene	13.980	228	47885	2.996	ng	# 90
83) Chrysene	14.015	228	63724	4.041	ng	# 95
87) Indeno(1,2,3-cd)pyrene	16.939	276	46689	2.277	ng	98
88) Benzo(b)fluoranthene	15.027	252	104152m	6.435	ng	
90) Benzo(a)pyrene	15.392	252	58892	3.645	ng	97
92) Benzo(g,h,i)perylene	17.386	276	47355	2.788	ng	95

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

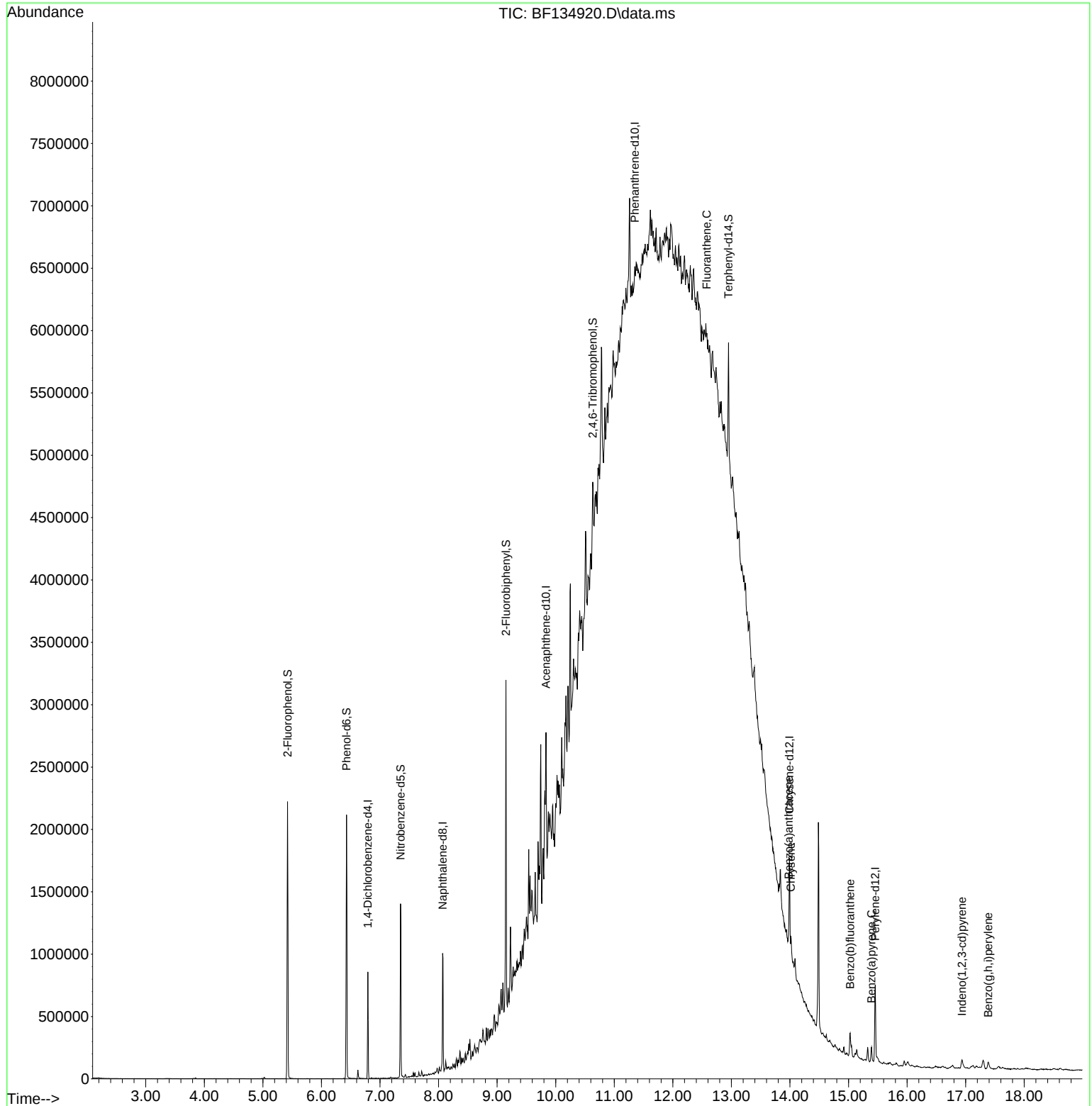
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134920.D
Acq On : 24 Aug 2023 13:00
Operator : CG\JU
Sample : 04119-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

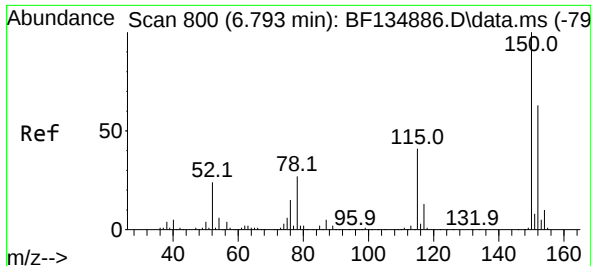
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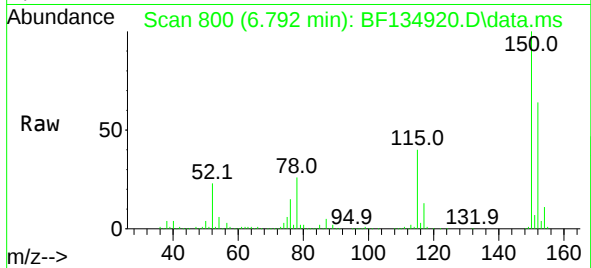
Quant Time: Aug 25 01:18:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 22 19:33:25 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.001 min
Lab File: BF134920.D
Acq: 24 Aug 2023 13:00

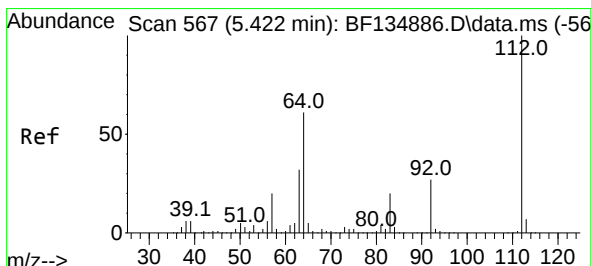
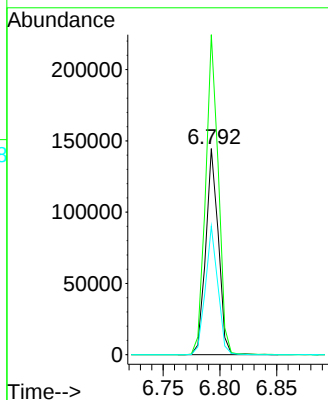
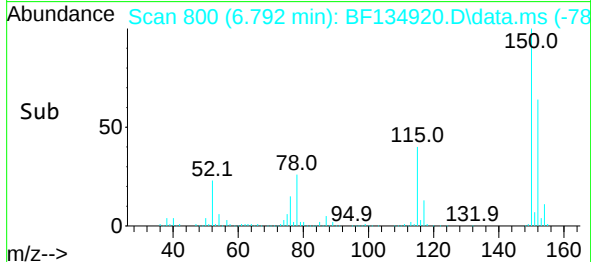
Instrument :
BNA_F
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RB21153



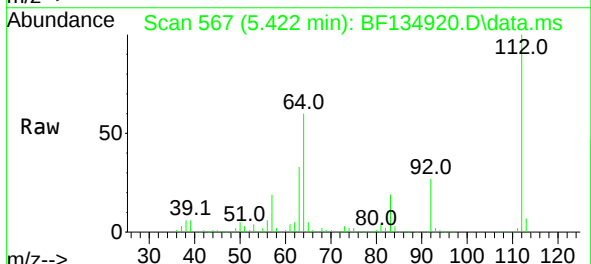
Tgt Ion:152 Resp: 110980
Ion Ratio Lower Upper
152 100
150 155.2 126.1 189.1
115 62.3 51.1 76.7

Manual Integrations
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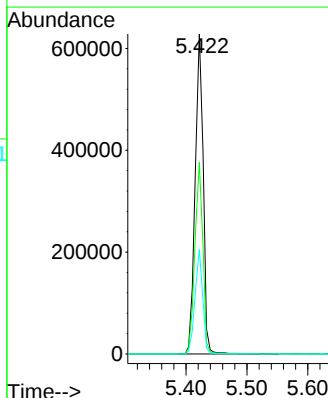
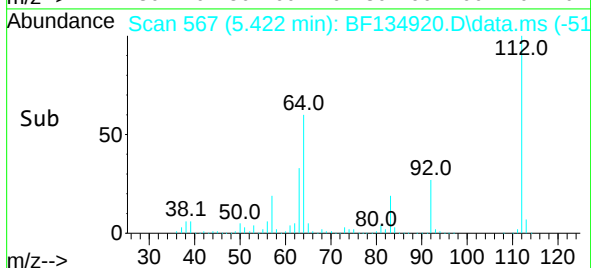
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

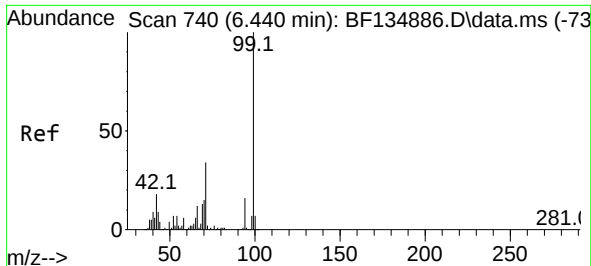


#5
2-Fluorophenol
Concen: 83.106 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF134920.D
Acq: 24 Aug 2023 13:00



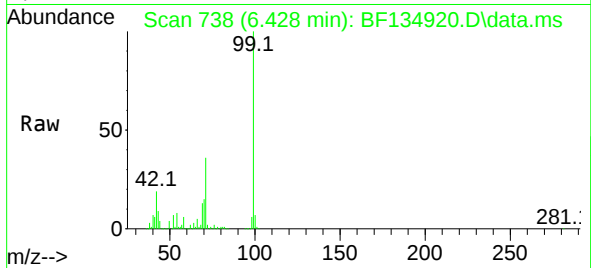
Tgt Ion:112 Resp: 578407
Ion Ratio Lower Upper
112 100
64 59.8 48.6 73.0
63 32.6 25.7 38.5





#7
Phenol-d6
Concen: 80.182 ng
RT: 6.428 min Scan# 71309
Delta R.T. -0.012 min
Lab File: BF134920.D
Acq: 24 Aug 2023 13:00

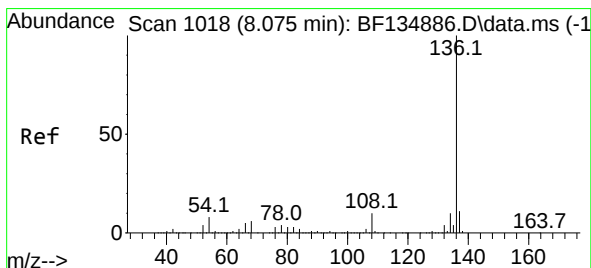
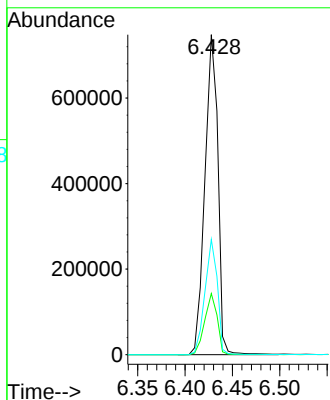
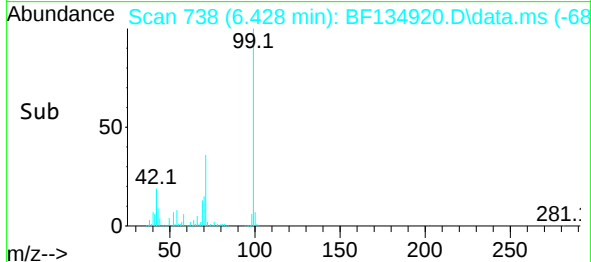
Instrument :
BNA_F
ClientSampleId :
RB21153



Tgt Ion: 99 Resp: 71309
Ion Ratio Lower Upper
99 100
42 19.1 14.6 22.0
71 36.0 27.6 41.4

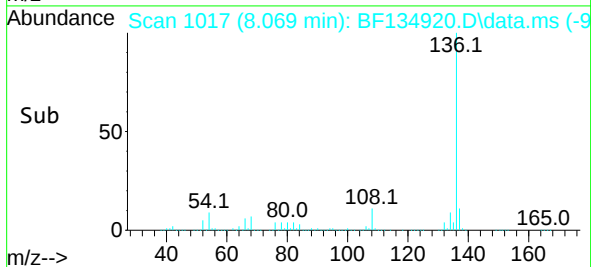
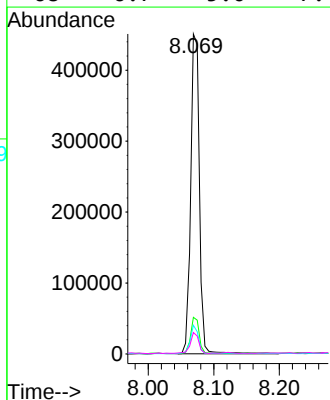
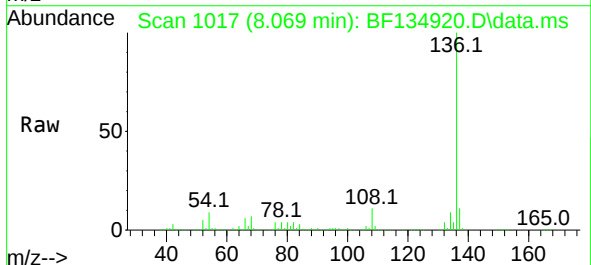
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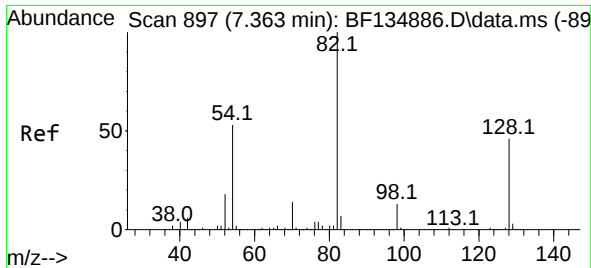
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134920.D
Acq: 24 Aug 2023 13:00

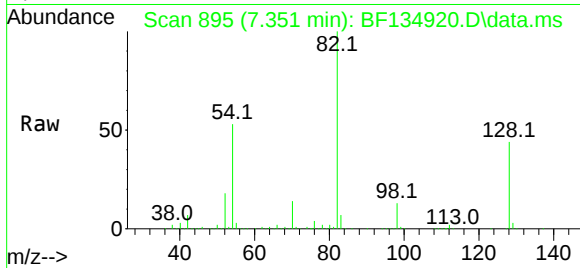
Tgt Ion:136 Resp: 415564
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 8.9 6.6 9.8
68 6.7 5.0 7.4





#23
Nitrobenzene-d5
Concen: 58.072 ng
RT: 7.351 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF134920.D
Acq: 24 Aug 2023 13:00

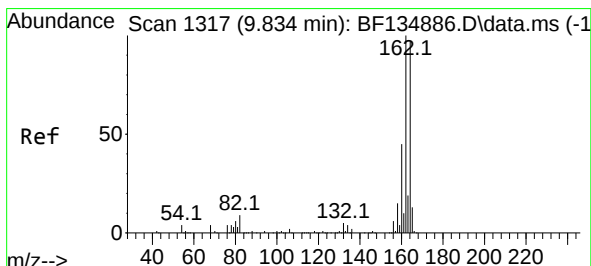
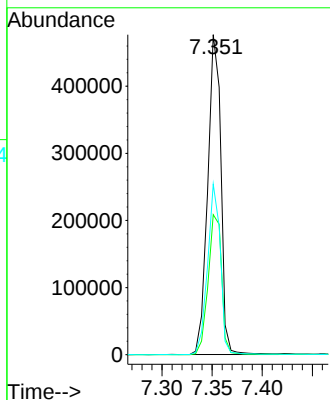
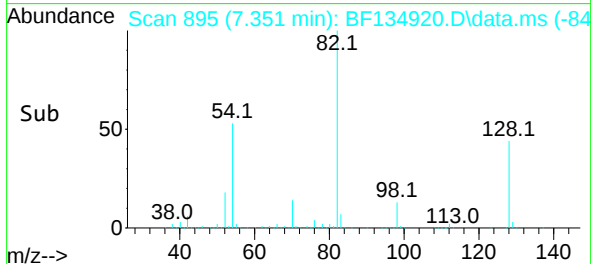
Instrument :
BNA_F
ClientSampleId :
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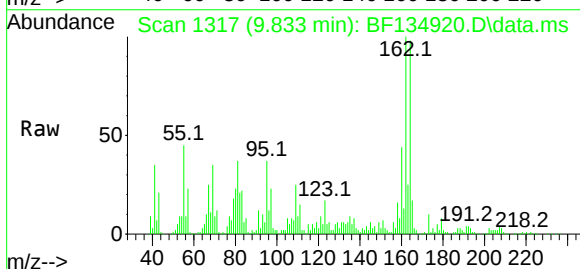
Tgt Ion: 82 Resp: 437952
Ion Ratio Lower Upper
82 100
128 43.7 36.6 54.8
54 53.3 42.6 63.8

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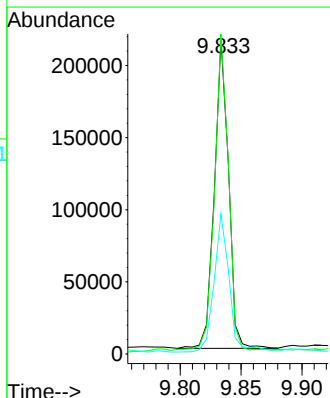
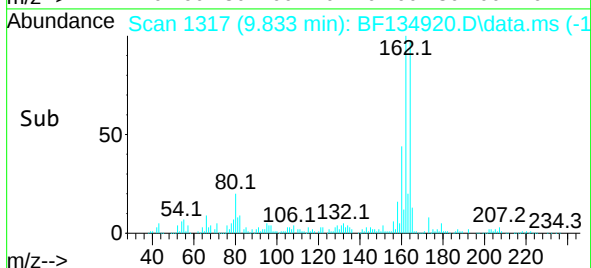
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

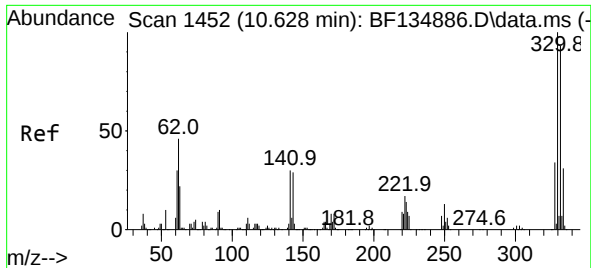


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF134920.D
Acq: 24 Aug 2023 13:00



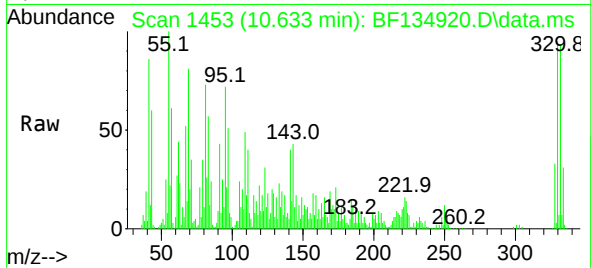
Tgt Ion:164 Resp: 173125
Ion Ratio Lower Upper
164 100
162 101.7 82.6 123.8
160 44.5 37.0 55.4





#42
2,4,6-Tribromophenol
Concen: 69.025 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF134920.D
Acq: 24 Aug 2023 13:00

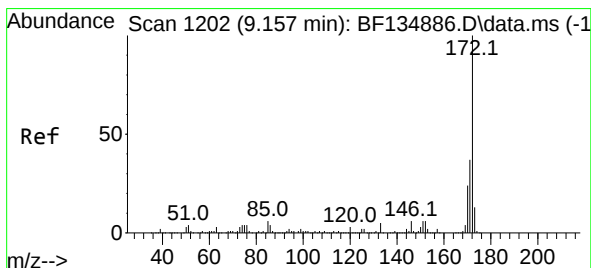
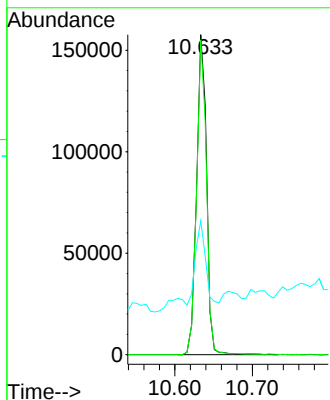
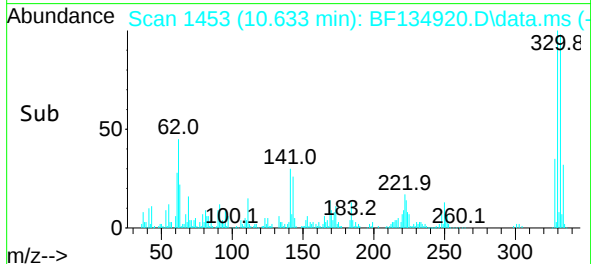
Instrument :
BNA_F
ClientSampleId :
RB21153



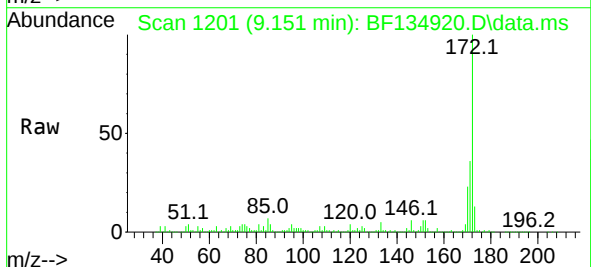
Tgt Ion: 330 Resp: 14074
Ion Ratio Lower Upper
330 100
332 97.3 76.3 114.5
141 26.5 23.4 35.2

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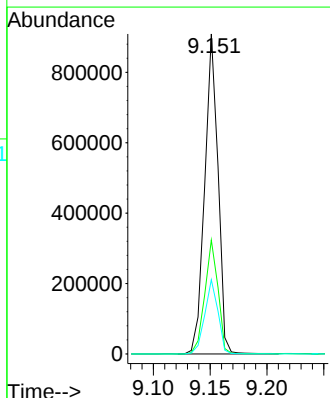
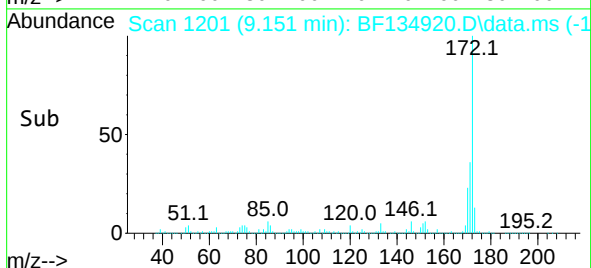
Reviewed By : Yogesh Patel 08/25/2023
Supervised By : mohammad ahmed 08/25/2023

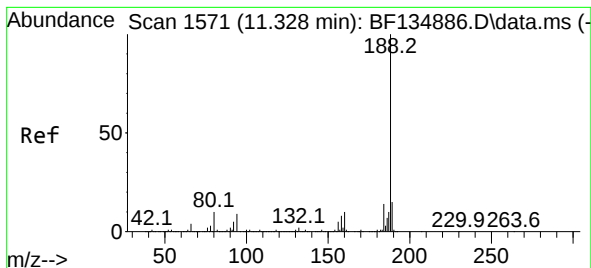


#45
2-Fluorobiphenyl
Concen: 66.025 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF134920.D
Acq: 24 Aug 2023 13:00



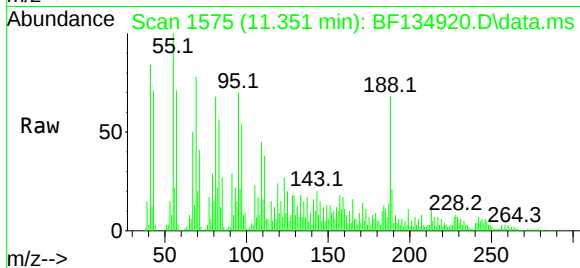
Tgt Ion: 172 Resp: 739416
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 23.2 19.6 29.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. 0.023 min
Lab File: BF134920.D
Acq: 24 Aug 2023 13:00

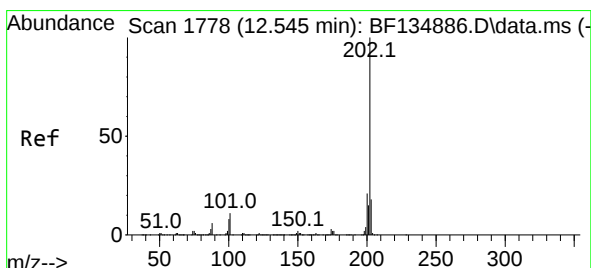
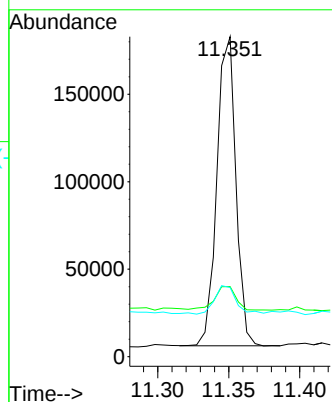
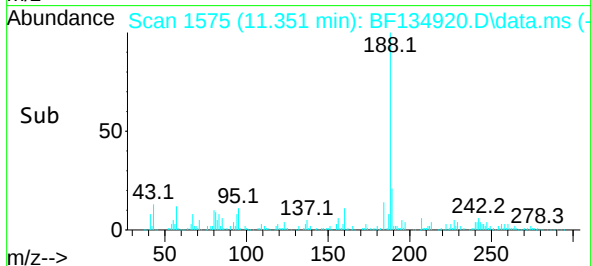
Instrument :
BNA_F
ClientSampleId :
RB21153



Tgt Ion:188 Resp: 164180
Ion Ratio Lower Upper
188 100
94 21.9 7.5 11.3
80 21.6 7.8 11.6

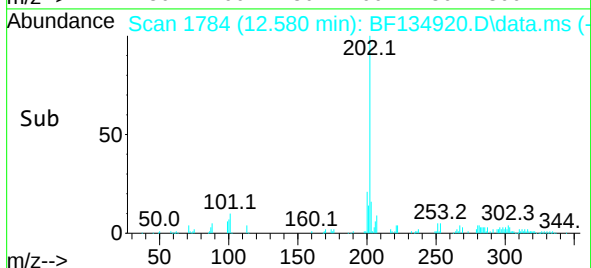
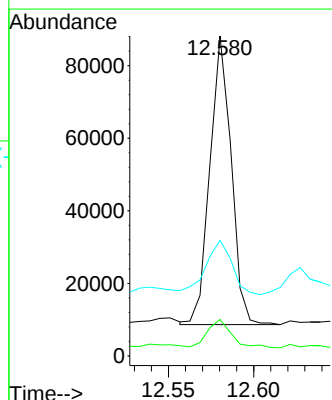
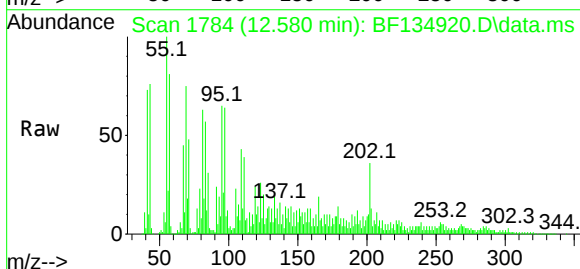
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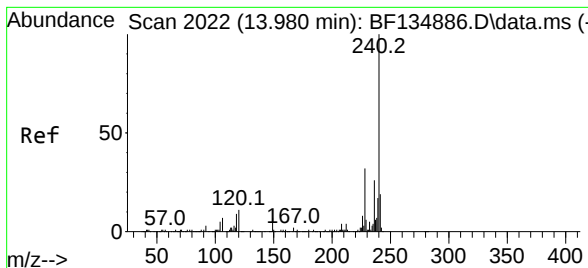
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#75
Fluoranthene
Concen: 8.494 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.035 min
Lab File: BF134920.D
Acq: 24 Aug 2023 13:00

Tgt Ion:202 Resp: 69239
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.5
203 36.2 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF134920.D

Acq: 24 Aug 2023 13:00

Instrument :

BNA_F

ClientSampleId :

RB21153

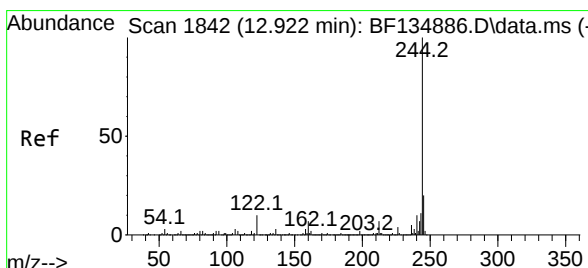
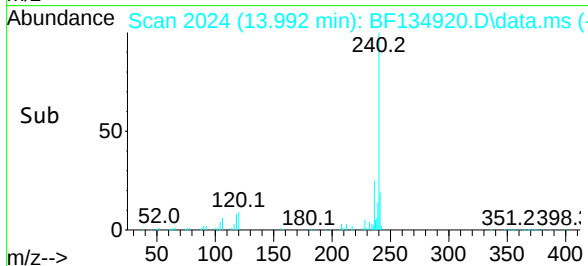
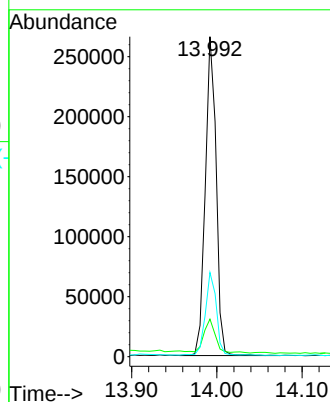
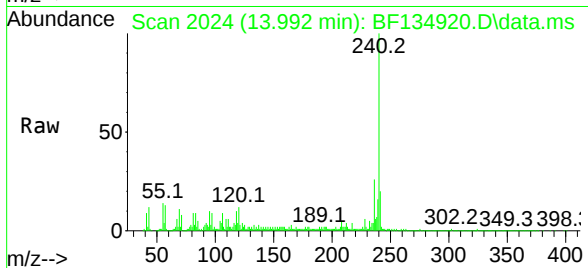
Tgt Ion:240 Resp: 234230
 Ion Ratio Lower Upper
 240 100
 120 11.8 8.6 12.8
 236 26.3 20.6 31.0

Manual Integrations

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Reviewed By :Yogesh Patel 08/25/2023

Supervised By :mohammad ahmed 08/25/2023



#79

Terphenyl-d14

Concen: 30.789 ng

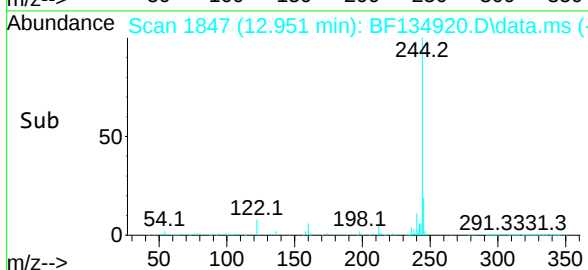
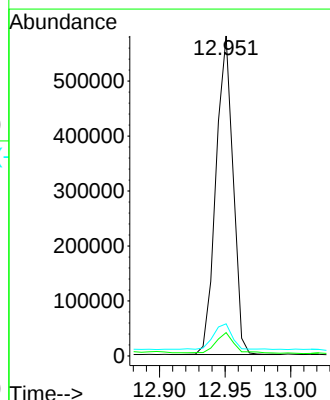
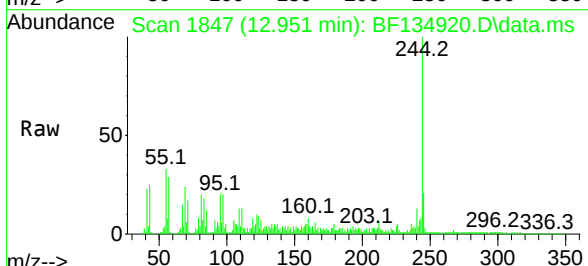
RT: 12.951 min Scan# 1847

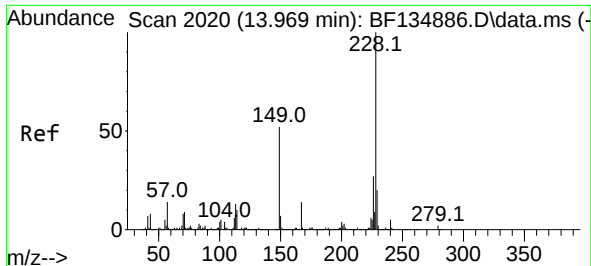
Delta R.T. 0.029 min

Lab File: BF134920.D

Acq: 24 Aug 2023 13:00

Tgt Ion:244 Resp: 524341
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 10.1 8.2 12.4





#81
Benzo(a)anthracene
Concen: 2.996 ng
RT: 13.980 min Scan# 2020
Delta R.T. 0.012 min
Lab File: BF134920.D
Acq: 24 Aug 2023 13:00

Instrument :

BNA_F

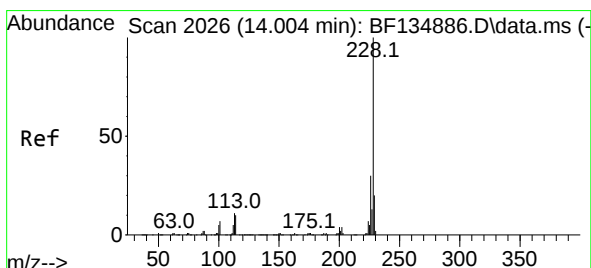
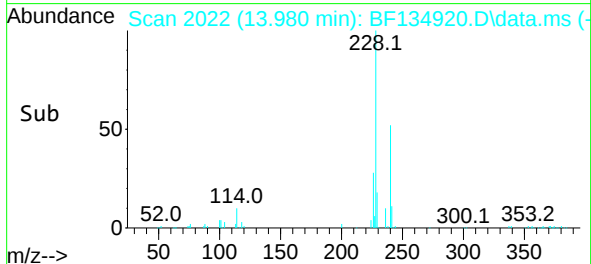
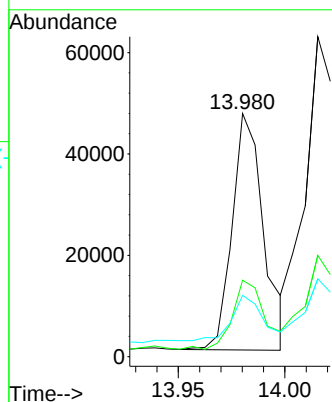
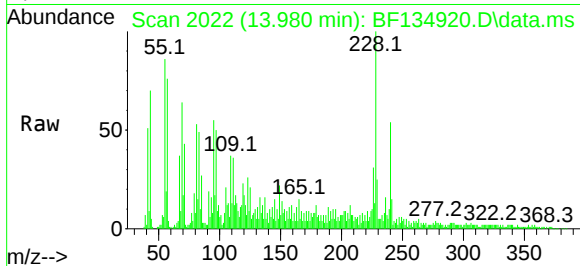
ClientSampleId :

RB21153

Tgt Ion:228 Resp: 4788
Ion Ratio Lower Upper
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226 31.5 21.8 32.6
229 25.2 15.6 23.4

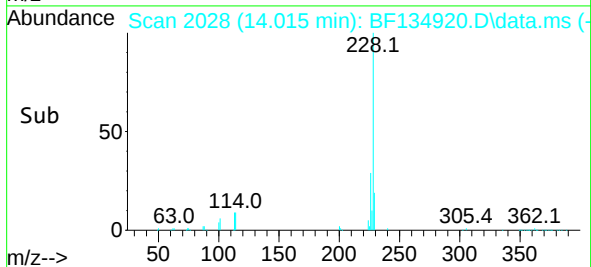
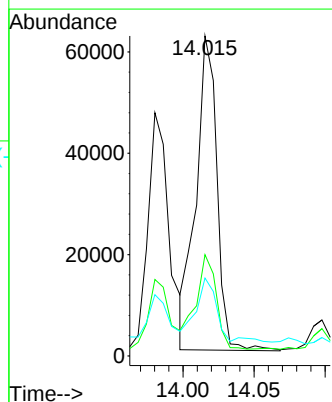
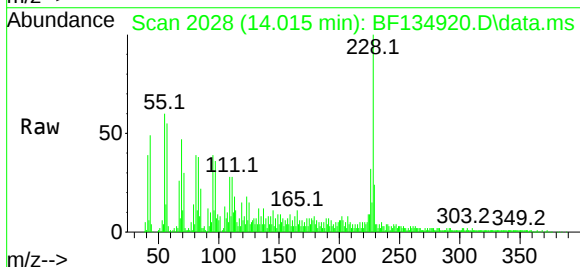
Manual Integrations
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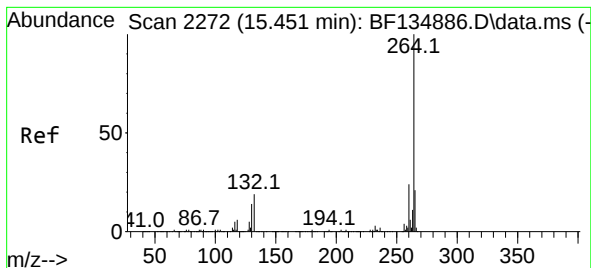
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#83
Chrysene
Concen: 4.041 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.011 min
Lab File: BF134920.D
Acq: 24 Aug 2023 13:00

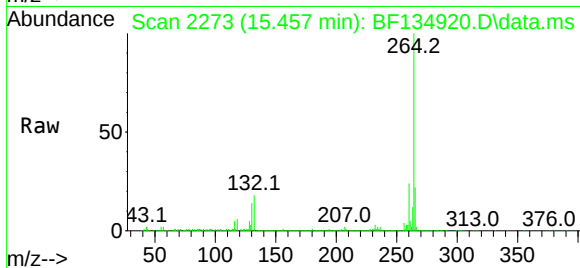
Tgt Ion:228 Resp: 63724
Ion Ratio Lower Upper
228 100
226 31.7 24.2 36.2
229 24.3 16.0 24.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134920.D
Acq: 24 Aug 2023 13:00

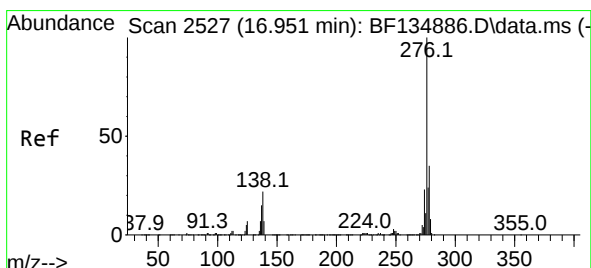
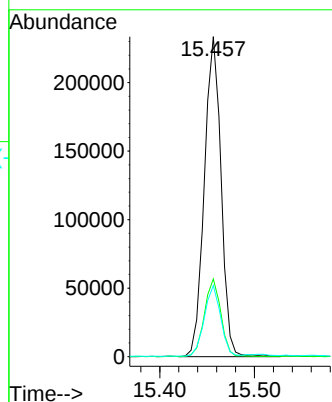
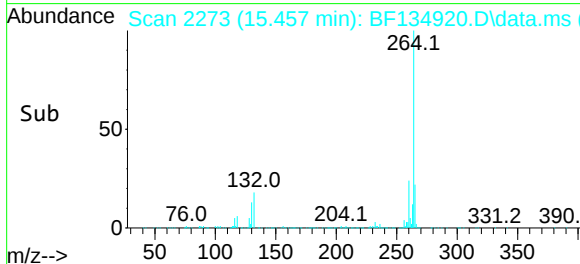
Instrument :
BNA_F
ClientSampleId :
RB21153



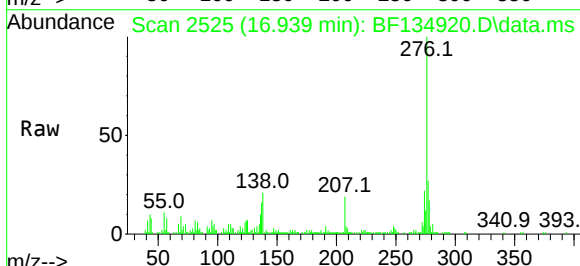
Tgt Ion:264 Resp: 28688
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.6
265 22.2 17.1 25.7

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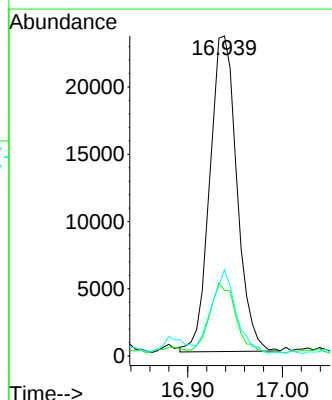
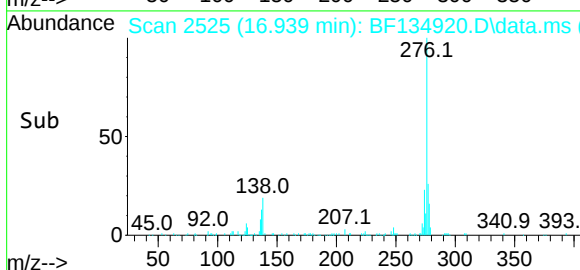
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

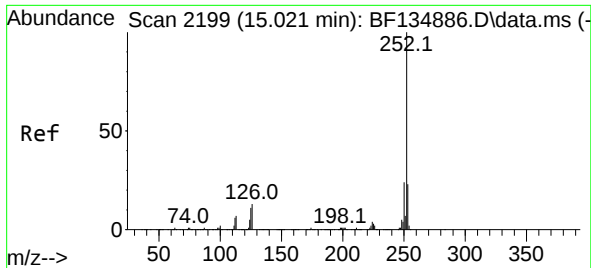


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.277 ng
RT: 16.939 min Scan# 2525
Delta R.T. -0.012 min
Lab File: BF134920.D
Acq: 24 Aug 2023 13:00



Tgt Ion:276 Resp: 46689
Ion Ratio Lower Upper
276 100
138 22.7 19.7 29.5
277 24.6 20.1 30.1





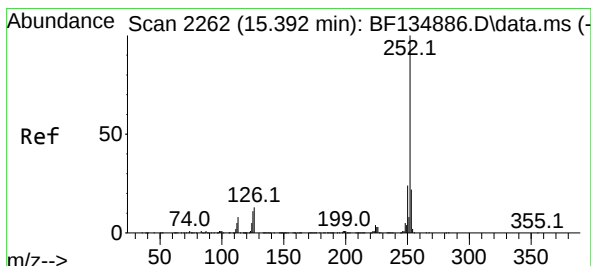
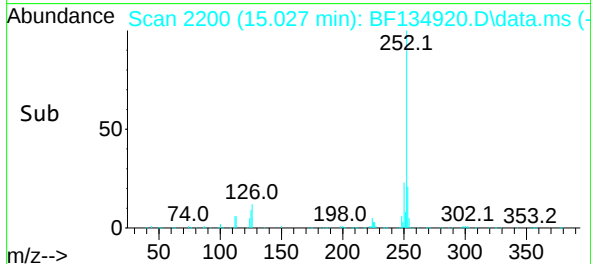
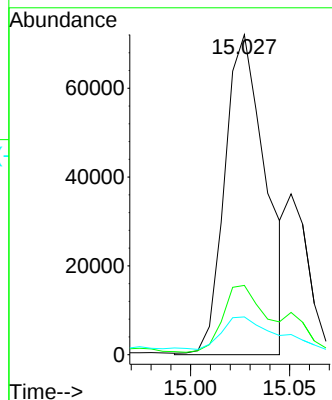
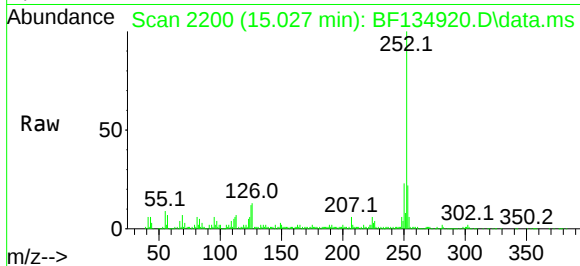
#88
Benzo(b)fluoranthene
Concen: 6.435 ng m
RT: 15.027 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF134920.D
Acq: 24 Aug 2023 13:00

Instrument :
BNA_F
ClientSampleId :
RB21153

Tgt Ion:252 Resp: 10415
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 11.8 8.4 12.6

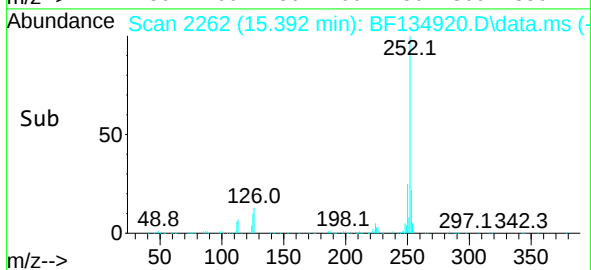
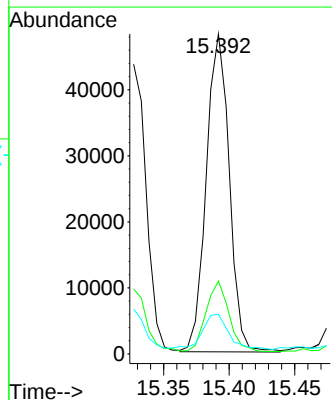
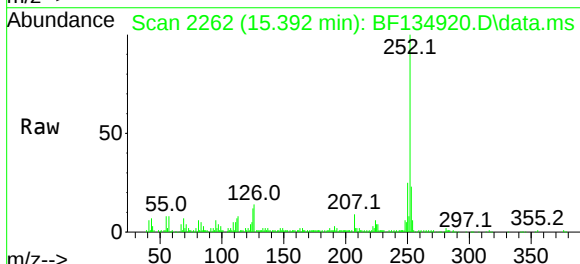
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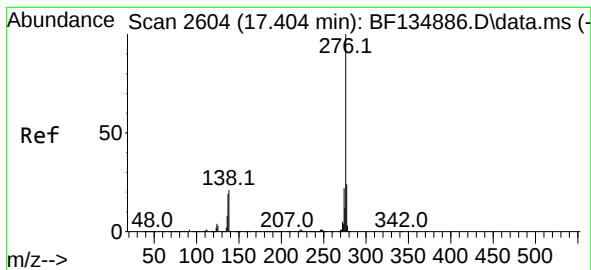
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#90
Benzo(a)pyrene
Concen: 3.645 ng
RT: 15.392 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF134920.D
Acq: 24 Aug 2023 13:00

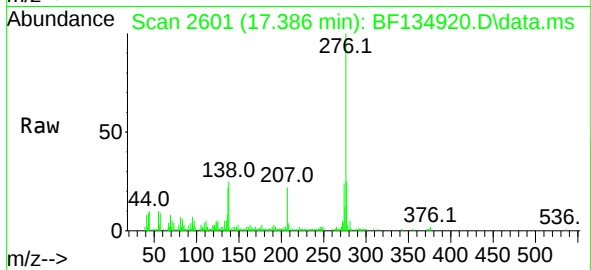
Tgt Ion:252 Resp: 58892
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 12.4 8.4 12.6





#92
 Benzo(g,h,i)perylene
 Concen: 2.788 ng
 RT: 17.386 min Scan# 20
 Delta R.T. -0.018 min
 Lab File: BF134920.D
 Acq: 24 Aug 2023 13:00

Instrument :
 BNA_F
 ClientSampleId :
 RB21153



Tgt Ion: 276 Resp: 4735
 Ion Ratio Lower Upper
 276 100
 277 24.9 19.2 28.8
 138 25.1 17.0 25.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023

