

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134737.D
 Acq On : 11 Aug 2023 17:38
 Operator : CG\JU
 Sample : 03971-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP02A

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/12/2023
 Supervised By :mohammad ahmed 08/12/2023

Quant Time: Aug 11 22:23:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	185633	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	680200	20.000	ng	# 0.00
39) Acenaphthene-d10	9.834	164	291360	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	500991	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	396500	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	300085	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	729040	59.699	ng	0.00
7) Phenol-d6	6.434	99	876561	56.152	ng	0.00
23) Nitrobenzene-d5	7.357	82	526055	48.331	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	196149	66.040	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	939436	53.610	ng	-0.01
79) Terphenyl-d14	12.916	244	1039753	46.228	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.345	178	69972	2.629	ng	97
75) Fluoranthene	12.533	202	236710	8.421	ng	96
78) Pyrene	12.763	202	242892	7.079	ng	97
81) Benzo(a)anthracene	13.957	228	135904	4.794	ng	98
83) Chrysene	13.992	228	132932	4.813	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	42912	3.143	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	52445	2.972	ng	# 94
88) Benzo(b)fluoranthene	15.010	252	142019m	7.760	ng	
89) Benzo(k)fluoranthene	15.033	252	40930m	2.245	ng	
90) Benzo(a)pyrene	15.374	252	89938	5.271	ng	# 93
92) Benzo(g,h,i)perylene	17.374	276	56373	3.875	ng	# 92

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

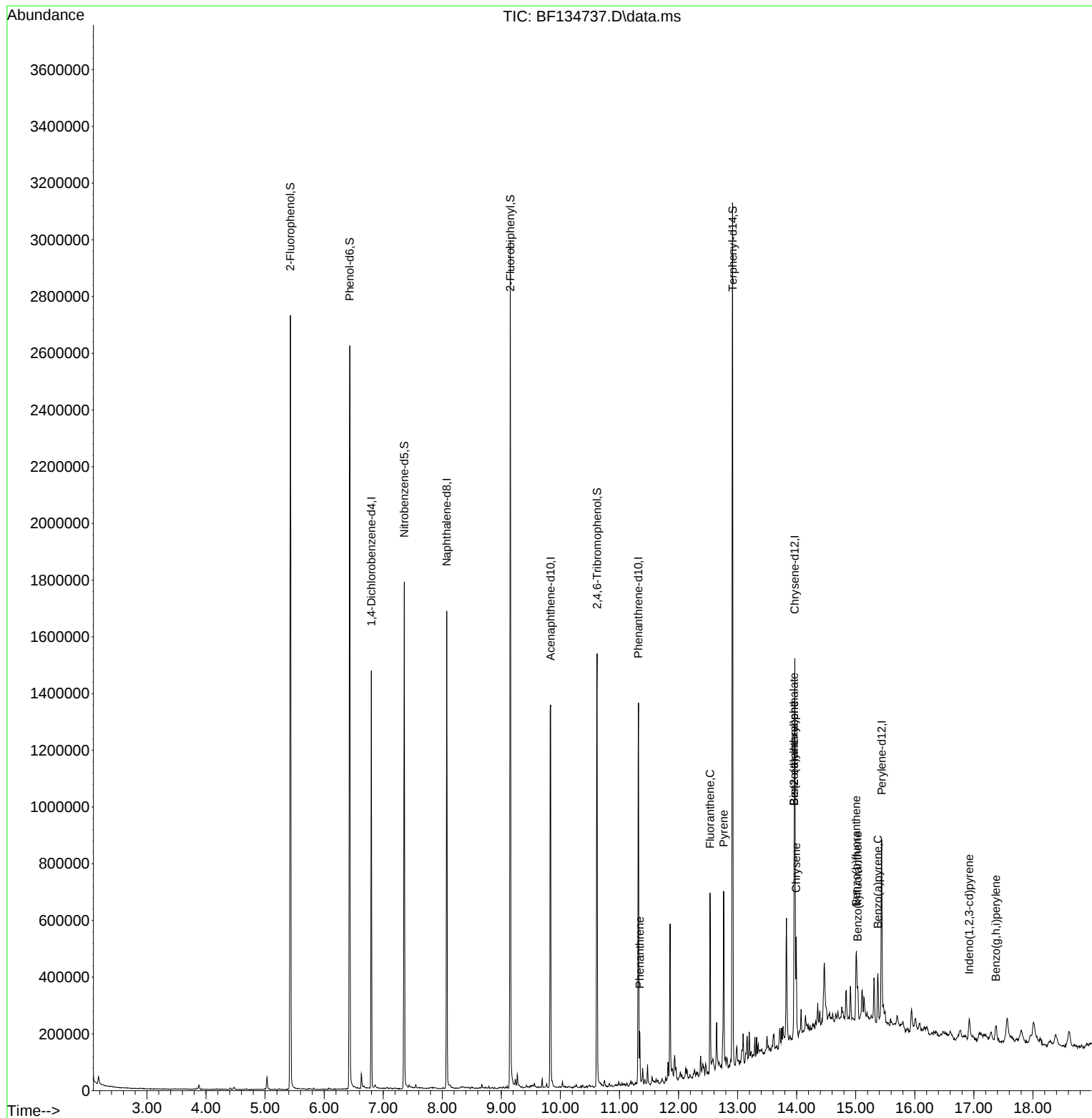
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134737.D
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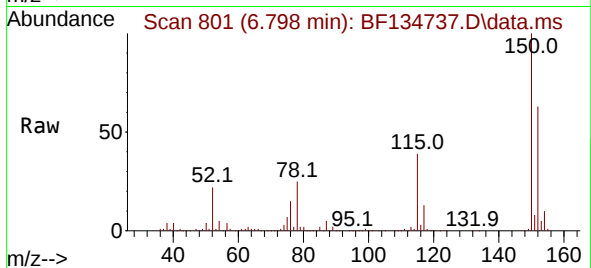
Quant Time: Aug 11 22:23:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134737.D
Acq: 11 Aug 2023 17:38

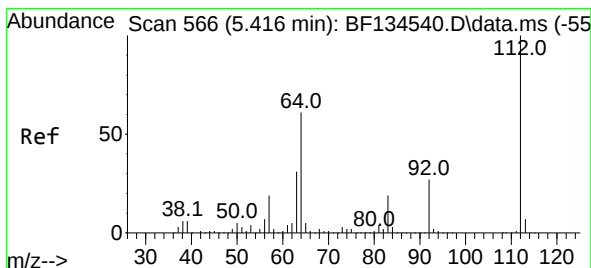
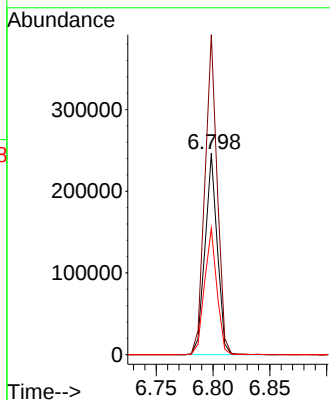
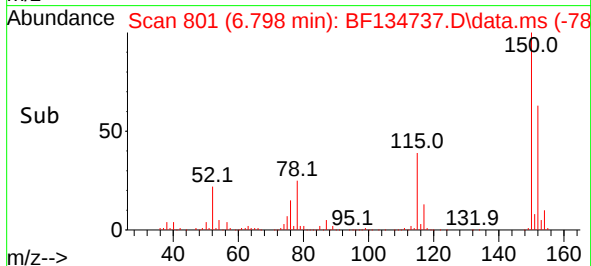
Instrument :
BNA_F
ClientSampleId :
B-PP02A



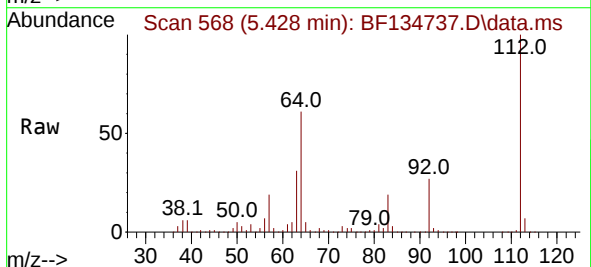
Tgt Ion:152 Resp: 18563
Ion Ratio Lower Upper
152 100
150 159.0 128.3 192.5
115 62.8 52.4 78.6

Manual Integrations
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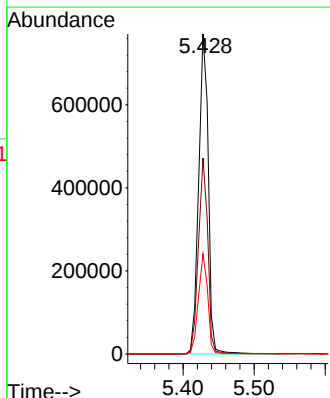
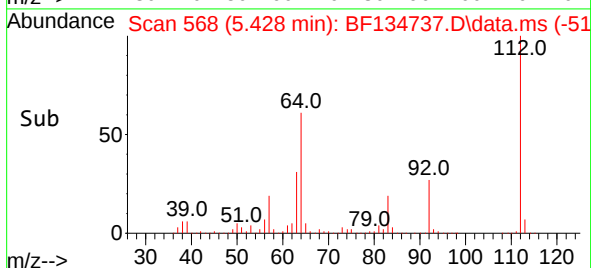
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

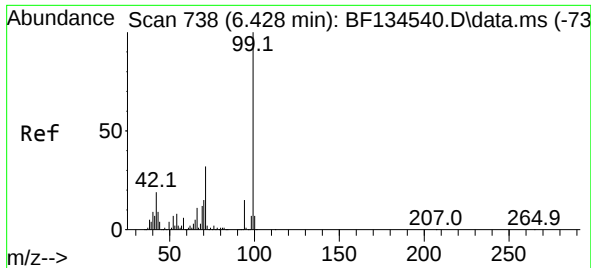


#5
2-Fluorophenol
Concen: 59.699 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134737.D
Acq: 11 Aug 2023 17:38



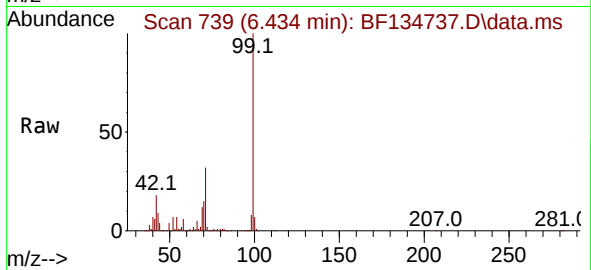
Tgt Ion:112 Resp: 729040
Ion Ratio Lower Upper
112 100
64 61.2 44.9 67.3
63 31.2 25.4 38.0





#7
Phenol-d6
Concen: 56.152 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134737.D
Acq: 11 Aug 2023 17:38

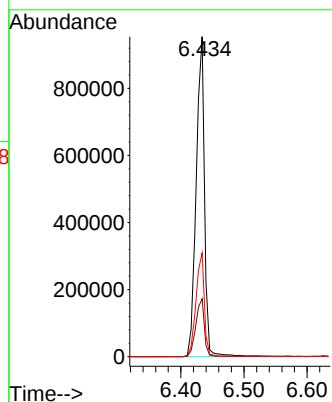
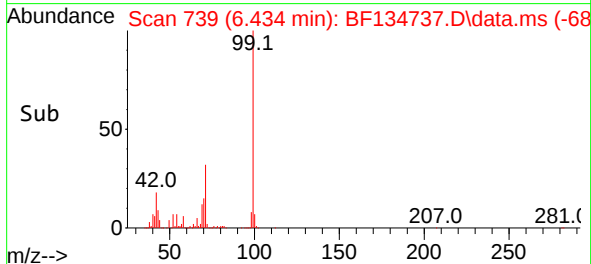
Instrument :
BNA_F
ClientSampleId :
B-PP02A



Tgt Ion: 99 Resp: 87656
Ion Ratio Lower Upper
99 100
42 18.1 18.7 28.1
71 32.4 36.4 54.6

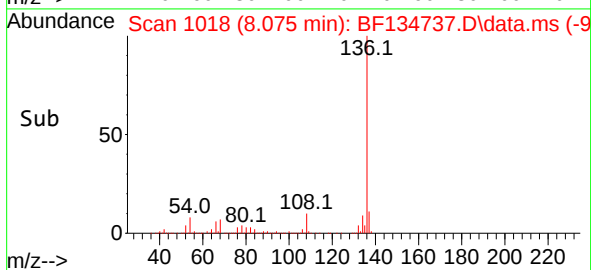
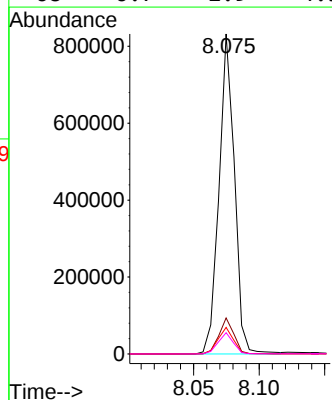
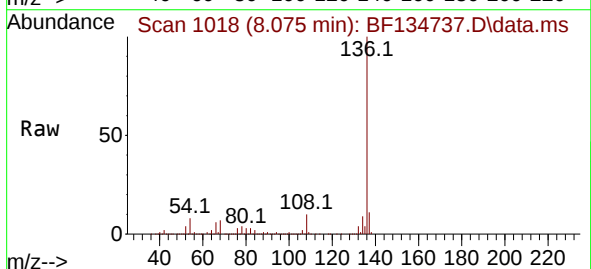
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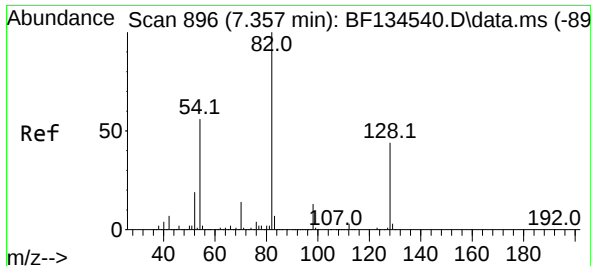
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134737.D
Acq: 11 Aug 2023 17:38

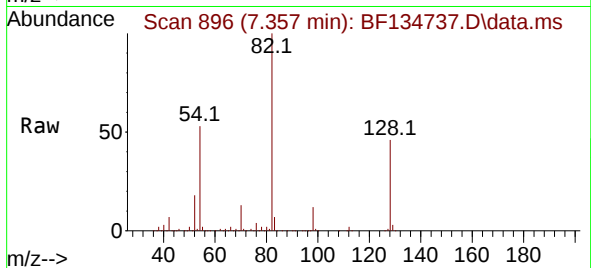
Tgt Ion:136 Resp: 680200
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.3 5.2 7.8#
68 6.7 2.9 4.3#





#23
Nitrobenzene-d5
Concen: 48.331 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134737.D
Acq: 11 Aug 2023 17:38

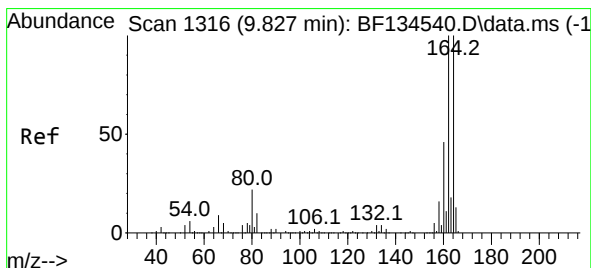
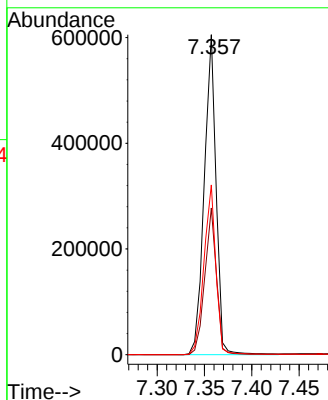
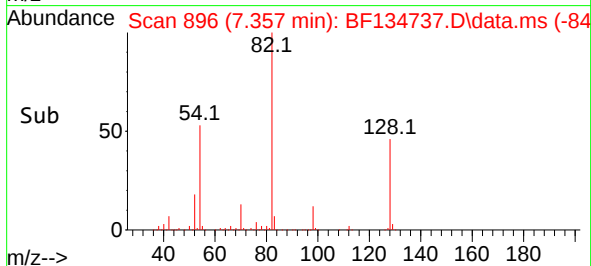
Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 52605
Ion Ratio Lower Upper
82 100
128 45.8 34.3 51.5
54 53.0 43.8 65.6

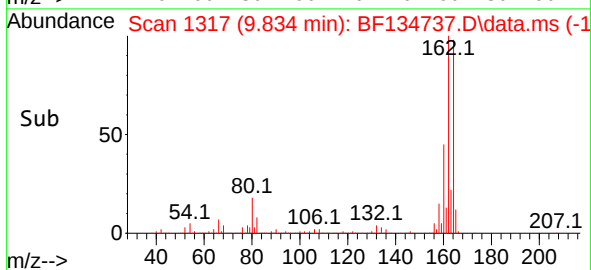
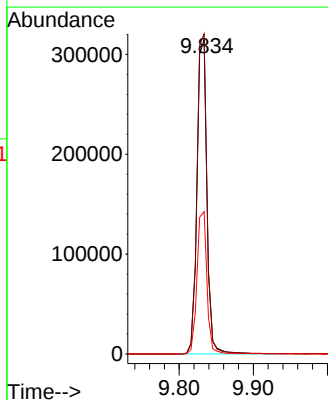
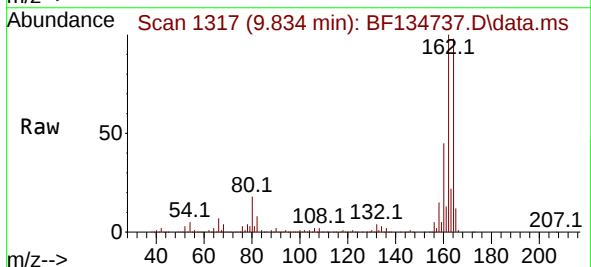
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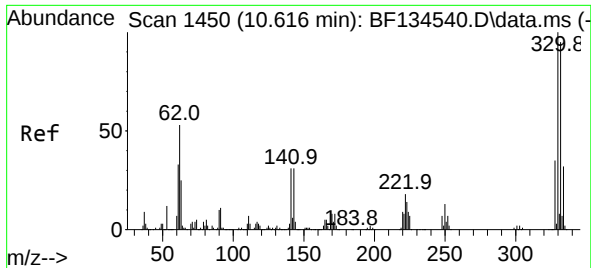
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF134737.D
Acq: 11 Aug 2023 17:38

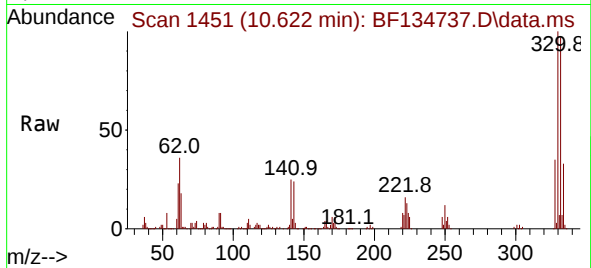
Tgt Ion:164 Resp: 291360
Ion Ratio Lower Upper
164 100
162 101.9 82.6 123.8
160 45.4 37.2 55.8





#42
2,4,6-Tribromophenol
Concen: 66.040 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF134737.D
Acq: 11 Aug 2023 17:38

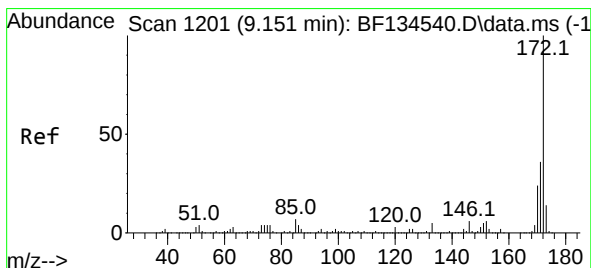
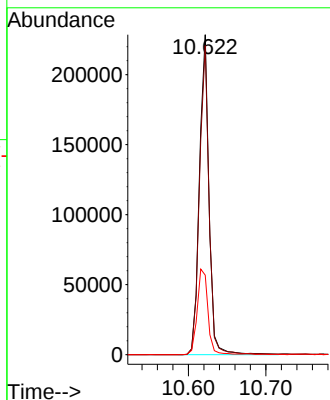
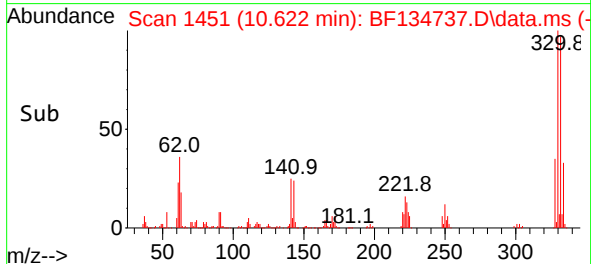
Instrument :
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ClientSampleId :
B-PP02A



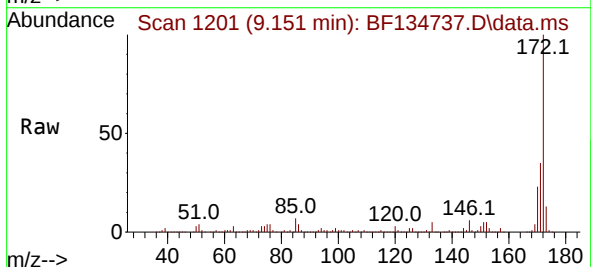
Tgt Ion: 330 Resp: 196149
Ion Ratio Lower Upper
330 100
332 96.6 78.8 118.2
141 29.8 25.4 38.2

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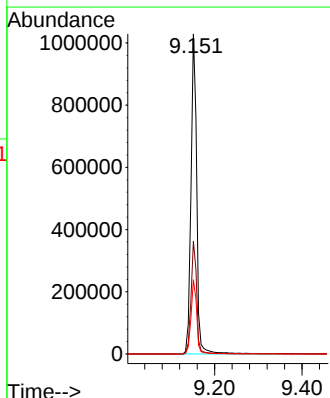
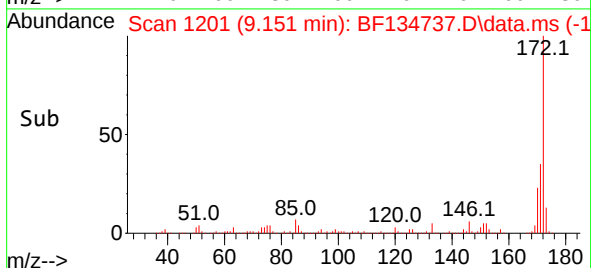
Reviewed By : Yogesh Patel 08/12/2023
Supervised By : mohammad ahmed 08/12/2023



#45
2-Fluorobiphenyl
Concen: 53.610 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134737.D
Acq: 11 Aug 2023 17:38



Tgt Ion: 172 Resp: 939436
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.2 18.7 28.1





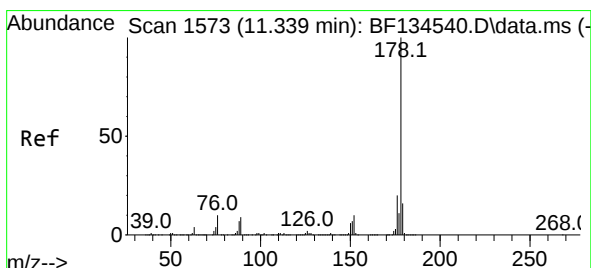
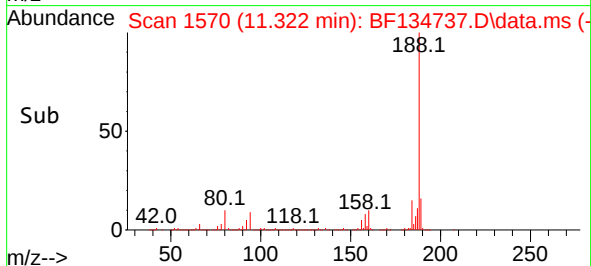
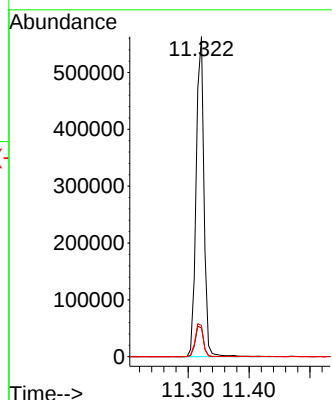
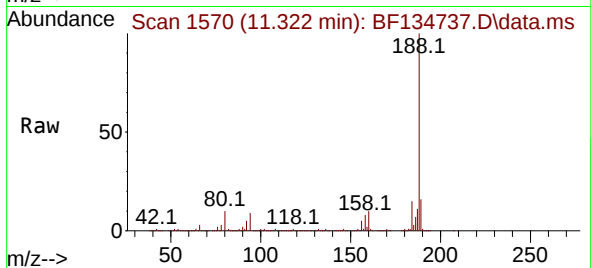
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134737.D
Acq: 11 Aug 2023 17:38

Instrument :
BNA_F
ClientSampleId :
B-PP02A

Tgt Ion:188 Resp: 50099
Ion Ratio Lower Upper
188 100
94 9.0 5.1 7.7
80 9.8 6.6 9.8

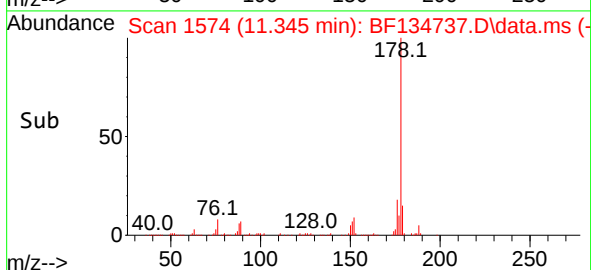
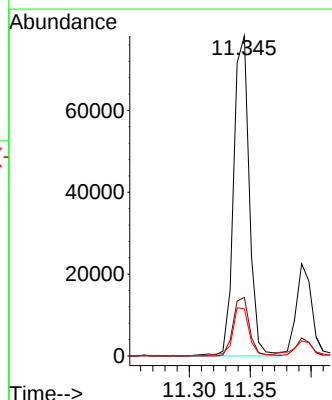
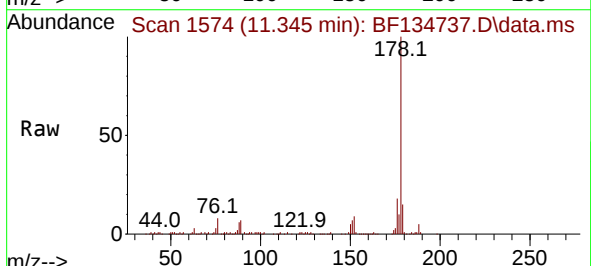
Manual Integrations
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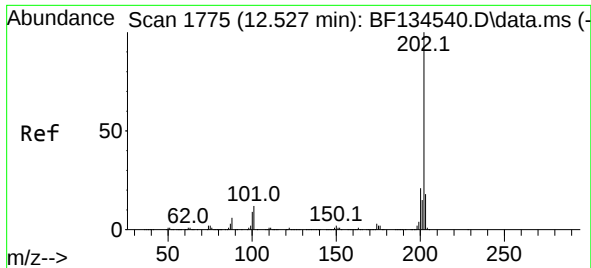
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#71
Phenanthrene
Concen: 2.629 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF134737.D
Acq: 11 Aug 2023 17:38

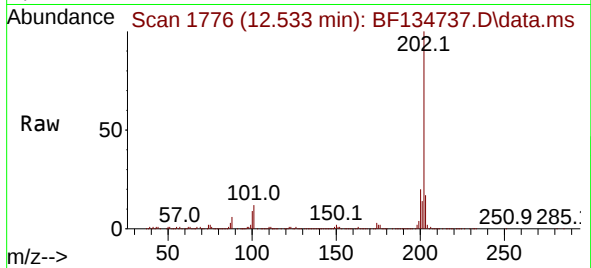
Tgt Ion:178 Resp: 69972
Ion Ratio Lower Upper
178 100
176 18.3 15.8 23.6
179 14.8 12.7 19.1





#75
Fluoranthene
Concen: 8.421 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134737.D
Acq: 11 Aug 2023 17:38

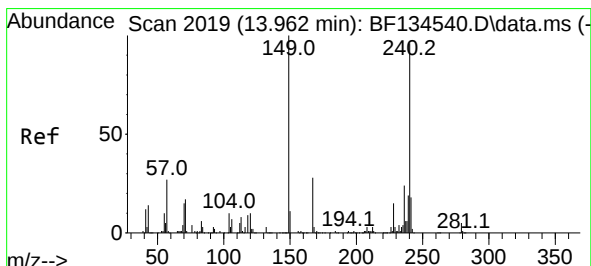
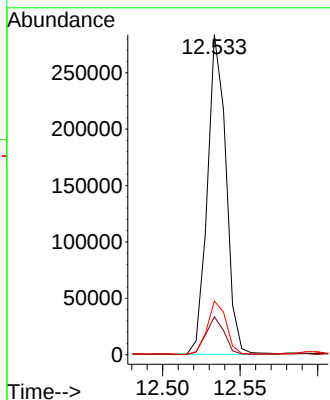
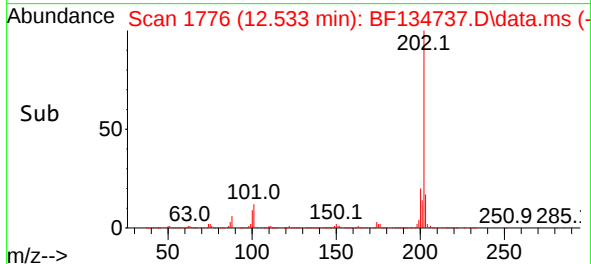
Instrument :
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ClientSampleId :
B-PP02A



Tgt Ion:202 Resp: 236710
Ion Ratio Lower Upper
202 100
101 11.9 0.0 28.5
203 16.8 0.0 37.5

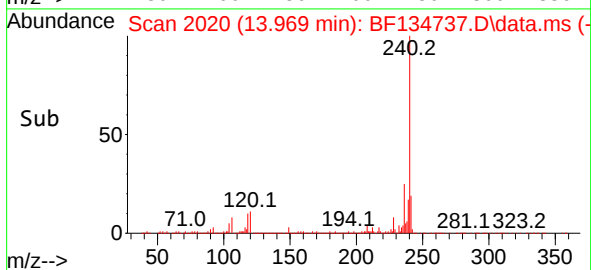
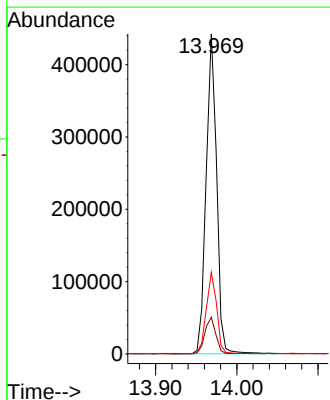
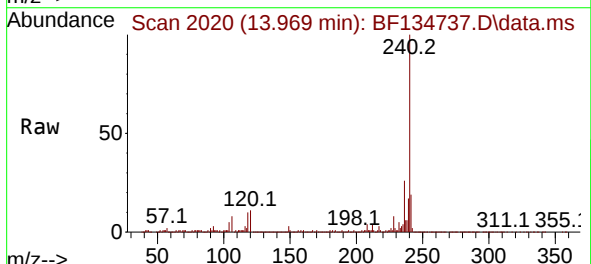
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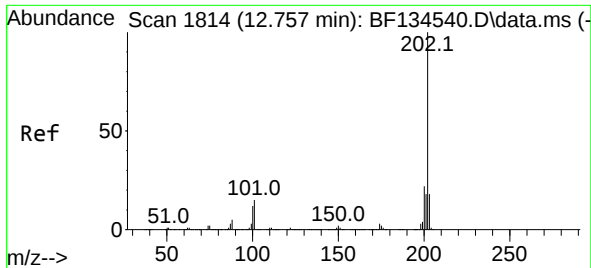
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134737.D
Acq: 11 Aug 2023 17:38

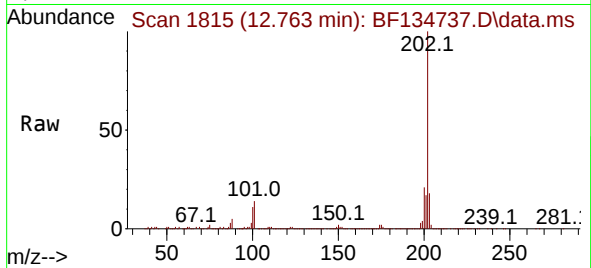
Tgt Ion:240 Resp: 396500
Ion Ratio Lower Upper
240 100
120 11.5 6.6 10.0#
236 25.5 20.2 30.2





#78
Pyrene
Concen: 7.079 ng
RT: 12.763 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF134737.D
Acq: 11 Aug 2023 17:38

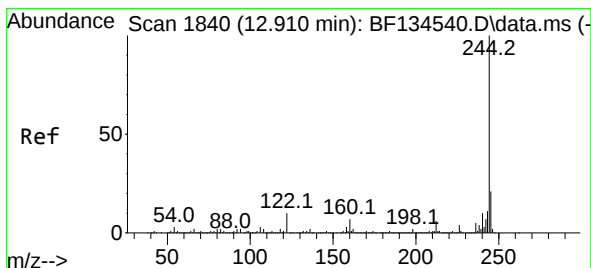
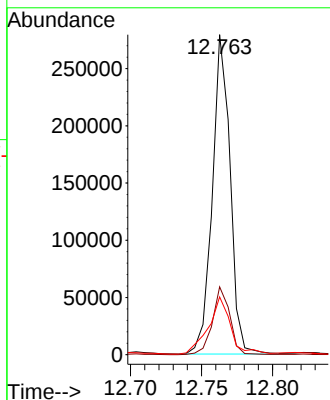
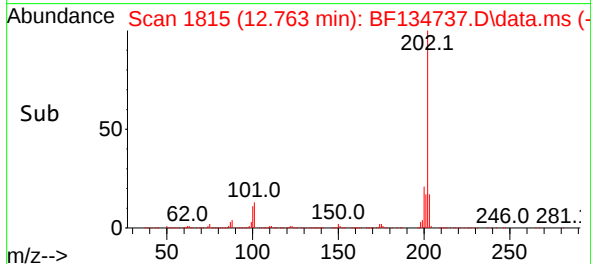
Instrument :
BNA_F
ClientSampleId :
B-PP02A



Tgt Ion:202 Resp: 242892
Ion Ratio Lower Upper
202 100
200 21.2 15.8 23.8
203 18.1 13.5 20.3

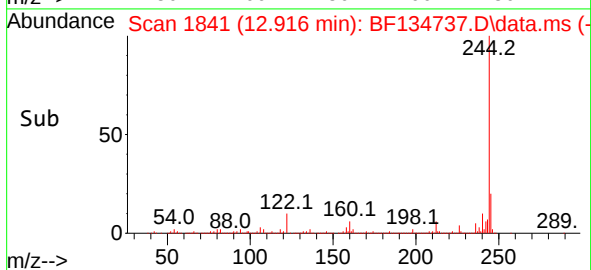
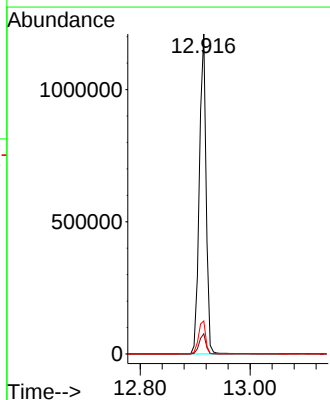
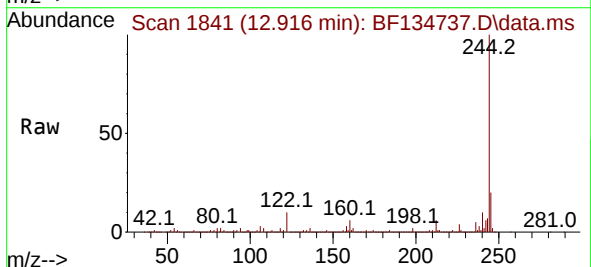
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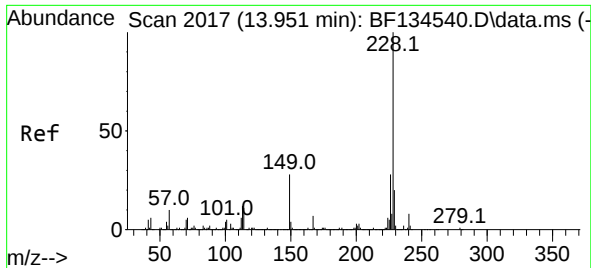
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#79
Terphenyl-d14
Concen: 46.228 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF134737.D
Acq: 11 Aug 2023 17:38

Tgt Ion:244 Resp: 1039753
Ion Ratio Lower Upper
244 100
212 6.3 5.6 8.4
122 10.3 8.0 12.0





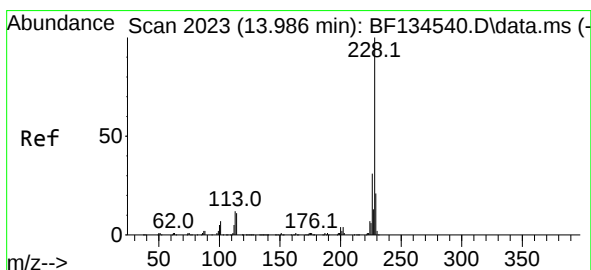
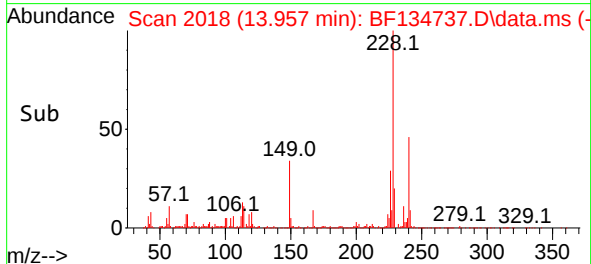
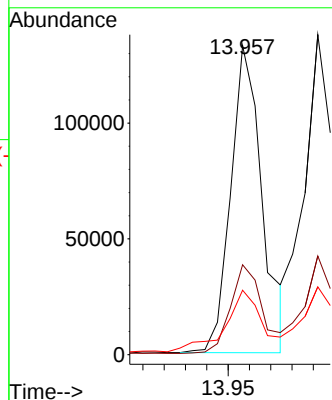
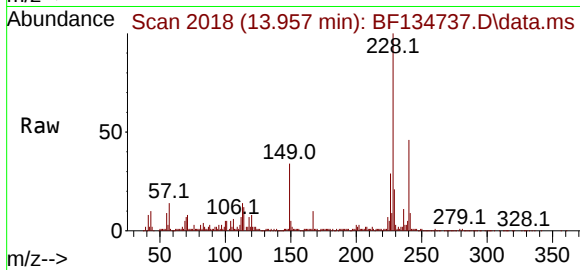
#81
Benzo(a)anthracene
Concen: 4.794 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF134737.D
Acq: 11 Aug 2023 17:38

Instrument :
BNA_F
ClientSampleId :
B-PP02A

Tgt Ion:228 Resp: 135904
Ion Ratio Lower Upper
228 100
226 29.1 22.3 33.5
229 20.9 15.8 23.6

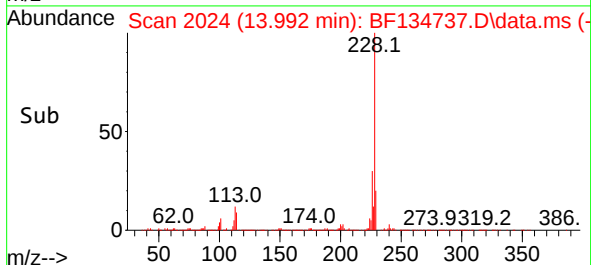
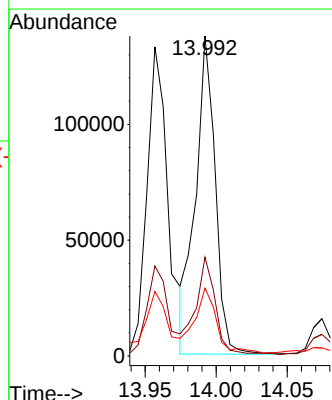
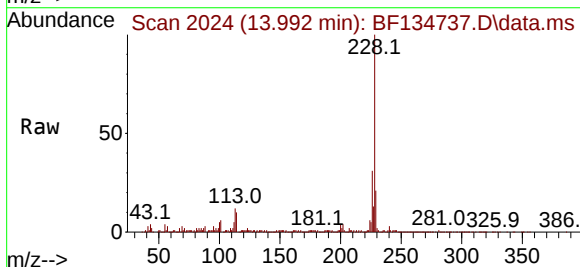
Manual Integrations
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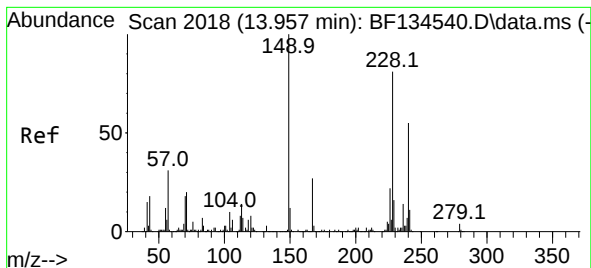
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#83
Chrysene
Concen: 4.813 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF134737.D
Acq: 11 Aug 2023 17:38

Tgt Ion:228 Resp: 132932
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 21.2 15.8 23.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.143 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF134737.D

Acq: 11 Aug 2023 17:38

Instrument :

BNA_F

ClientSampleId :

B-PP02A

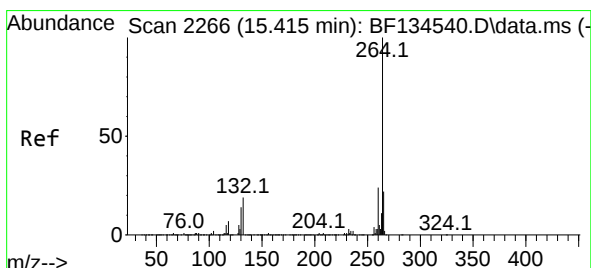
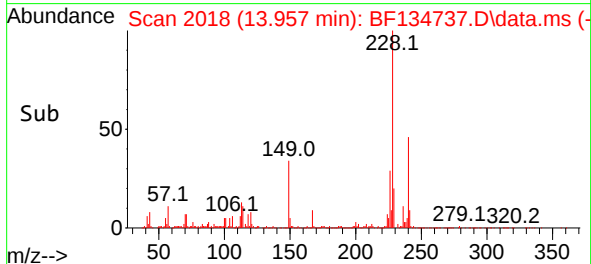
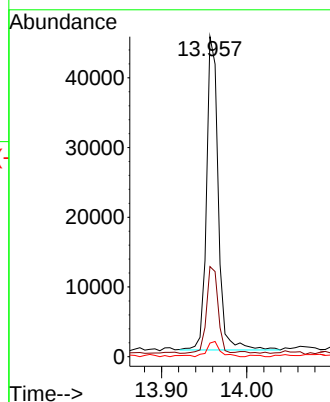
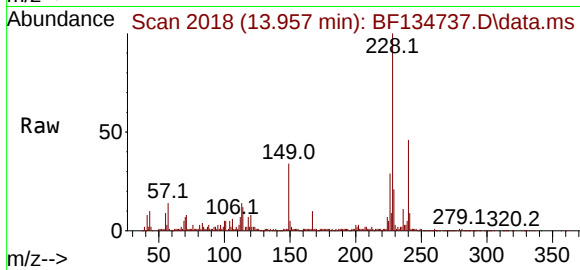
Tgt Ion:	149	Resp:	4291
Ion Ratio	Lower	Upper	
149	100		
167	28.1	21.6	32.4
279	4.3	3.5	5.3

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Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#86

Perylene-d12

Concen: 20.000 ng

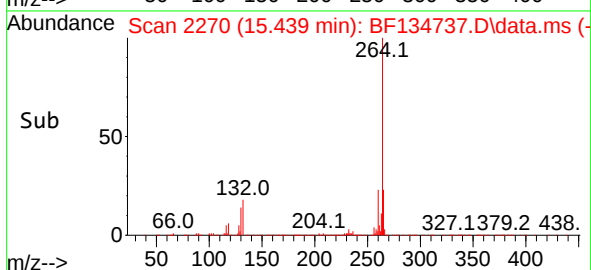
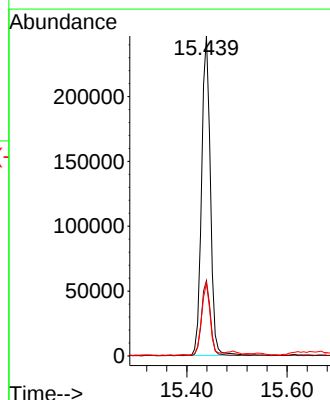
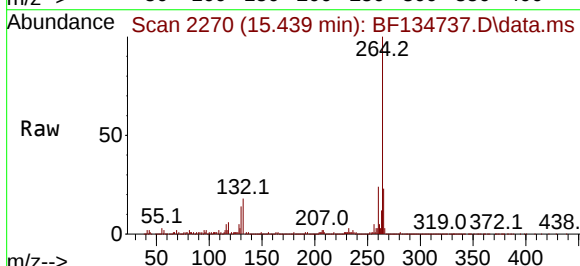
RT: 15.439 min Scan# 2270

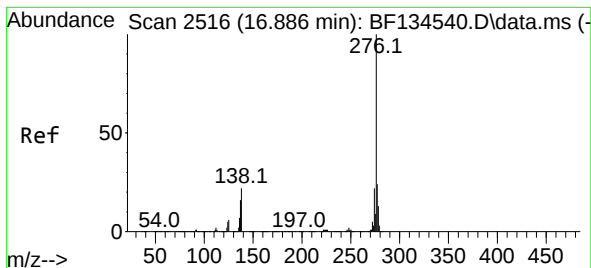
Delta R.T. 0.000 min

Lab File: BF134737.D

Acq: 11 Aug 2023 17:38

Tgt Ion:	264	Resp:	300085
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.4	27.6
265	22.7	15.8	23.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.972 ng

RT: 16.921 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF134737.D

Acq: 11 Aug 2023 17:38

Instrument :

BNA_F

ClientSampleId :

B-PP02A

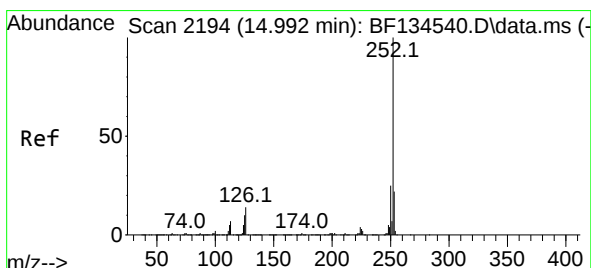
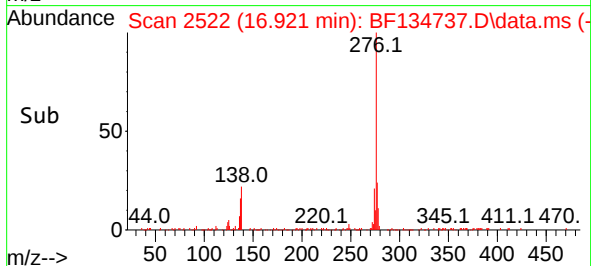
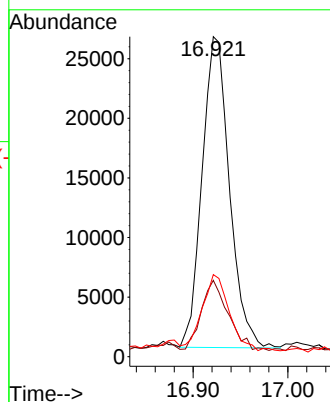
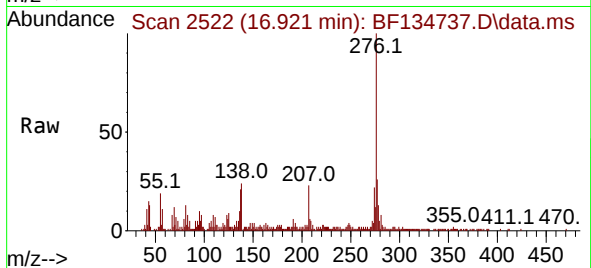
Tgt Ion:	276	Resp:	5244
Ion Ratio	Lower	Upper	
276	100		
138	22.2	14.2	21.4
277	26.6	19.9	29.9

Manual Integrations

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Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#88

Benzo(b)fluoranthene

Concen: 7.760 ng m

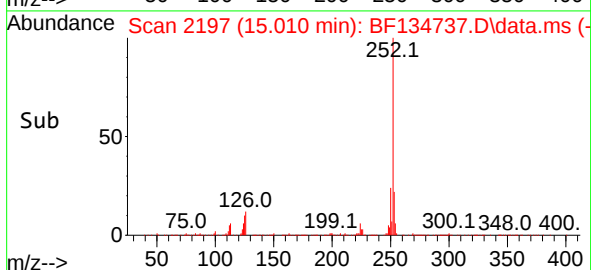
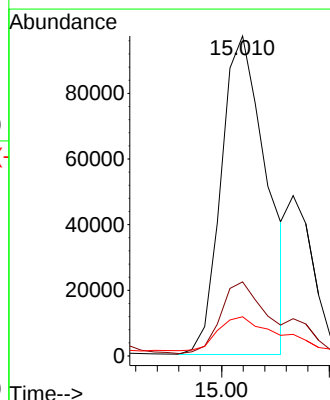
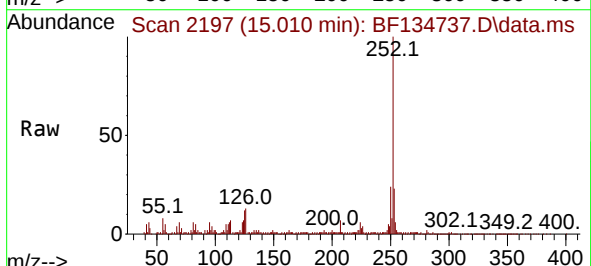
RT: 15.010 min Scan# 2197

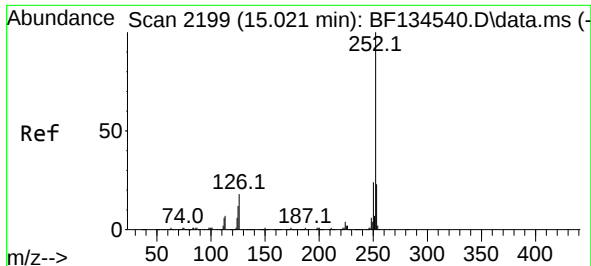
Delta R.T. 0.000 min

Lab File: BF134737.D

Acq: 11 Aug 2023 17:38

Tgt Ion:	252	Resp:	142019
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.3	25.9
125	12.3	6.0	9.0





#89

Benzo(k)fluoranthene

Concen: 2.245 ng m

RT: 15.033 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BF134737.D

Acq: 11 Aug 2023 17:38

Instrument :

BNA_F

ClientSampleId :

B-PP02A

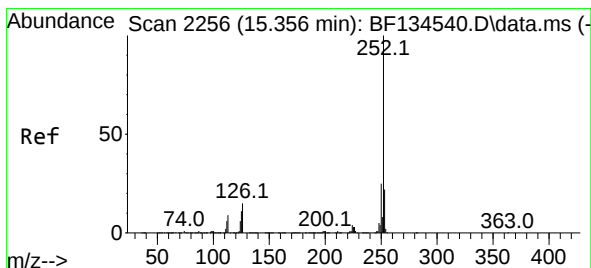
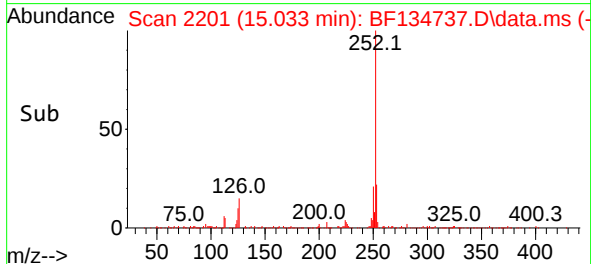
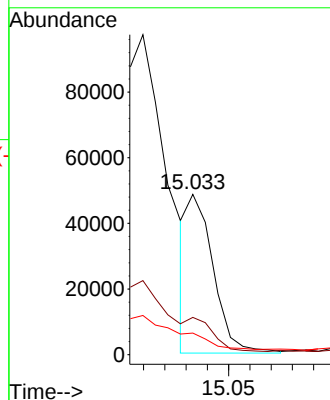
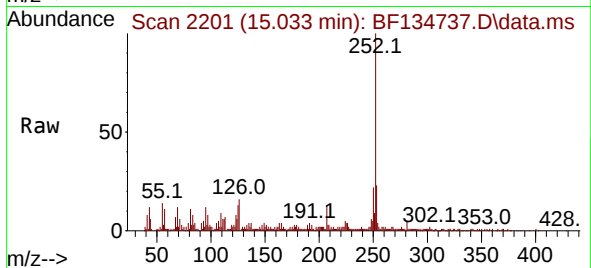
Tgt Ion:252 Resp: 40930
 Ion Ratio Lower Upper
 252 100
 253 23.3 17.9 26.9
 125 13.5 6.3 9.5

Manual Integrations

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Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#90

Benzo(a)pyrene

Concen: 5.271 ng

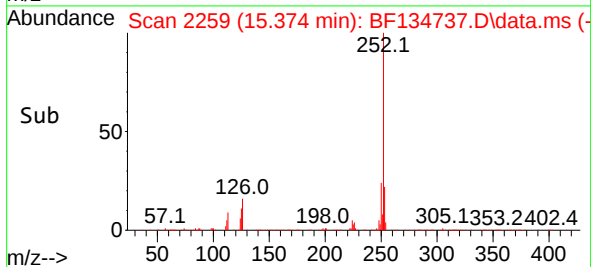
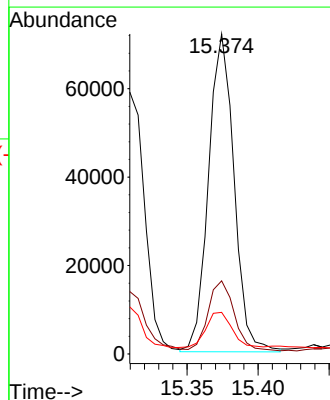
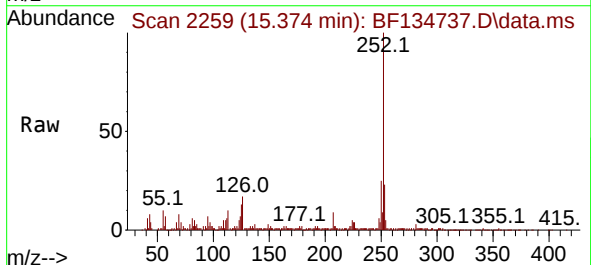
RT: 15.374 min Scan# 2259

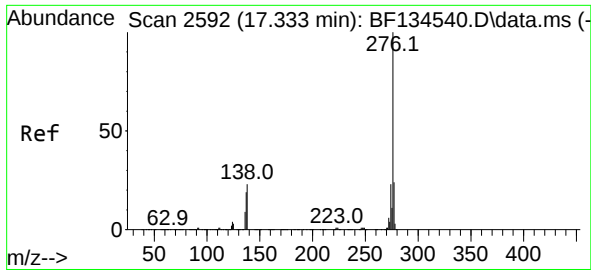
Delta R.T. -0.006 min

Lab File: BF134737.D

Acq: 11 Aug 2023 17:38

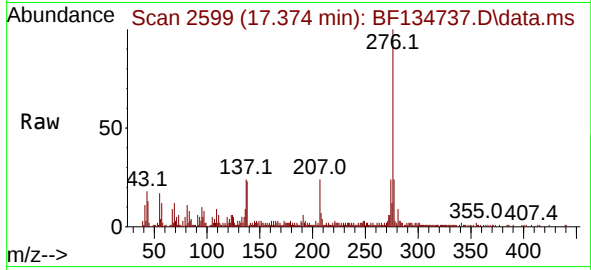
Tgt Ion:252 Resp: 89938
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.0 25.4
 125 13.0 6.2 9.4





#92
 Benzo(g,h,i)perylene
 Concen: 3.875 ng
 RT: 17.374 min Scan# 2599
 Delta R.T. 0.000 min
 Lab File: BF134737.D
 Acq: 11 Aug 2023 17:38

Instrument :
 BNA_F
 ClientSampleId :
 B-PP02A



Tgt Ion:	276	Resp:	5637
Ion Ratio	Lower	Upper	
276	100		
277	24.3	19.0	28.6
138	23.1	12.2	18.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/12/2023
 Supervised By :mohammad ahmed 08/12/2023

