

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
 Data File : BF134869.D
 Acq On : 21 Aug 2023 15:57
 Operator : CG\JU
 Sample : 04086-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP18A

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 22 03:19:57 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	6.792	152	188974	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	754175	20.000	ng	#-0.01
39) Acenaphthene-d10	9.827	164	355960	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	541598	20.000	ng	# 0.00
76) Chrysene-d12	13.962	240	388687	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	314298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	856098	68.864	ng	0.00
7) Phenol-d6	6.434	99	1068000	67.206	ng	0.00
23) Nitrobenzene-d5	7.351	82	670479	55.557	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	258313	71.187	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1205732	56.320	ng	-0.02
79) Terphenyl-d14	12.910	244	1023588	46.424	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	7.786	122	6186m	8.542	ng	
75) Fluoranthene	12.527	202	72021	2.370	ng	95
78) Pyrene	12.757	202	86225	2.564	ng	99
83) Chrysene	13.986	228	60798	2.245	ng	96
84) Bis(2-ethylhexyl)phtha...	13.951	149	32012	2.392	ng	97
88) Benzo(b)fluoranthene	15.004	252	62400m	3.255	ng	
90) Benzo(a)pyrene	15.368	252	37723	2.111	ng	# 91

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

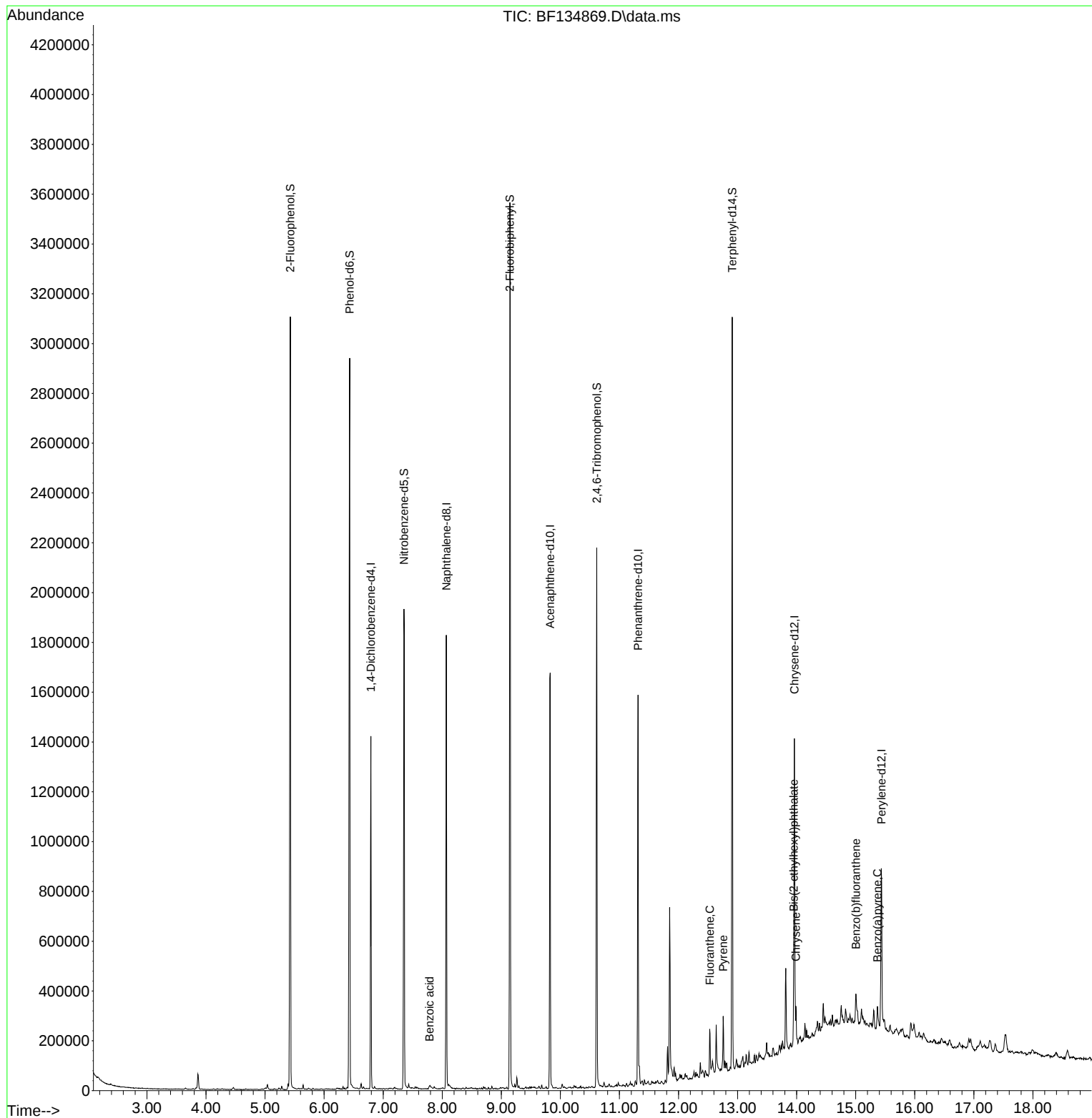
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
Data File : BF134869.D
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Sample : 04086-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

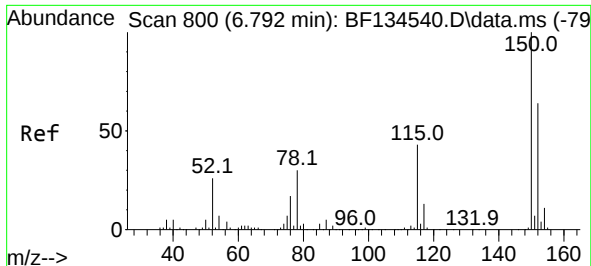
Instrument :
BNA_F
ClientSampleId :
B-PP18A

Quant Time: Aug 22 03:19:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

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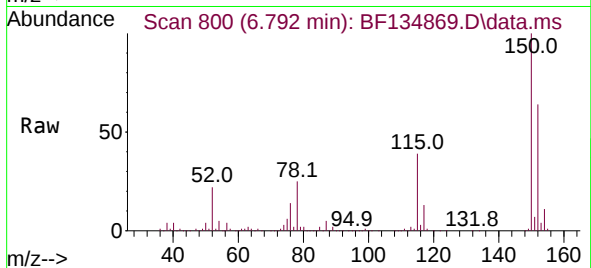
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF134869.D
Acq: 21 Aug 2023 15:57

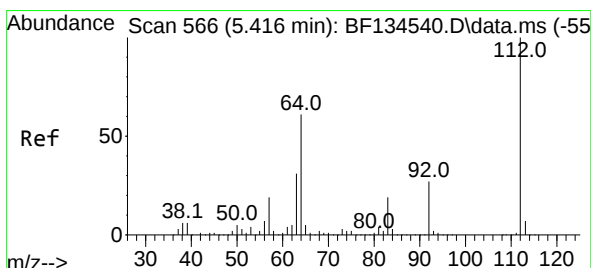
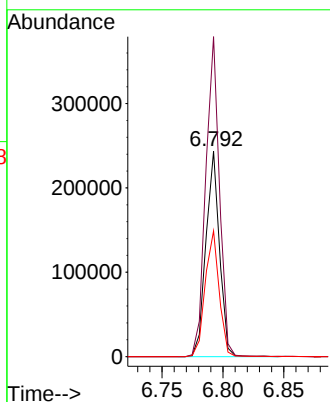
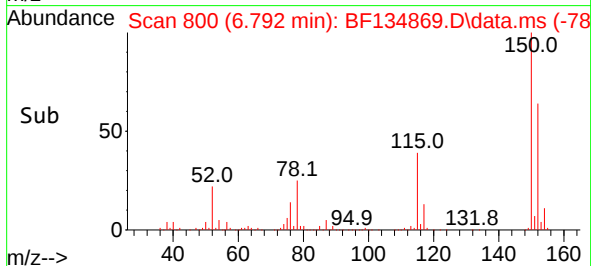
Instrument :
BNA_F
ClientSampleId :
B-PP18A



Tgt Ion:152 Resp: 188974
Ion Ratio Lower Upper
152 100
150 155.8 128.3 192.5
115 61.2 52.4 78.6

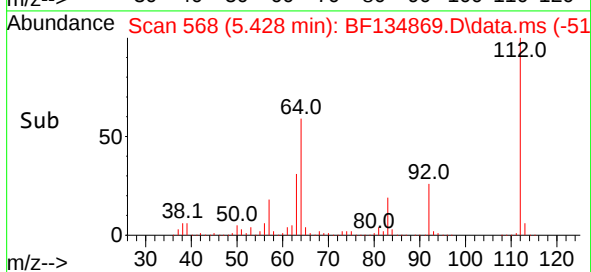
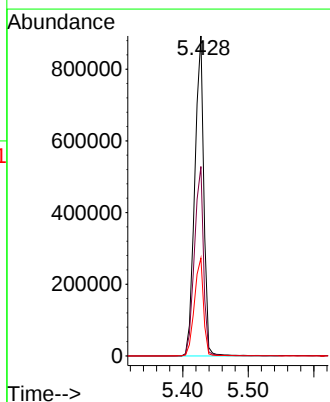
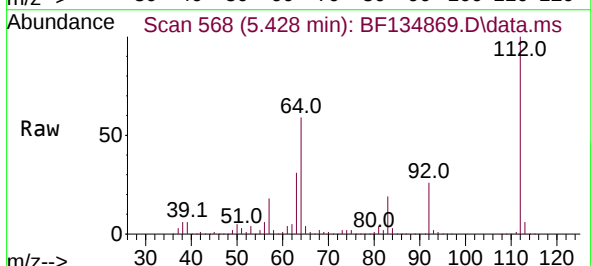
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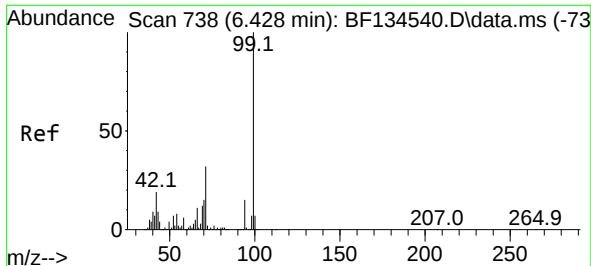
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#5
2-Fluorophenol
Concen: 68.864 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF134869.D
Acq: 21 Aug 2023 15:57

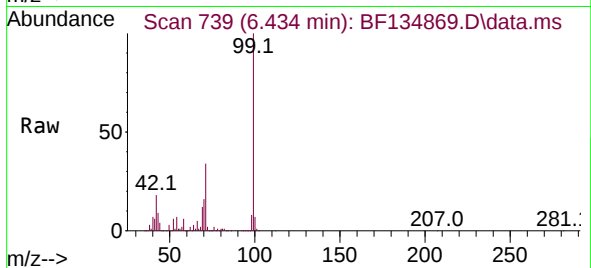
Tgt Ion:112 Resp: 856098
Ion Ratio Lower Upper
112 100
64 59.2 44.9 67.3
63 30.6 25.4 38.0





#7
Phenol-d6
Concen: 67.206 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF134869.D
Acq: 21 Aug 2023 15:57

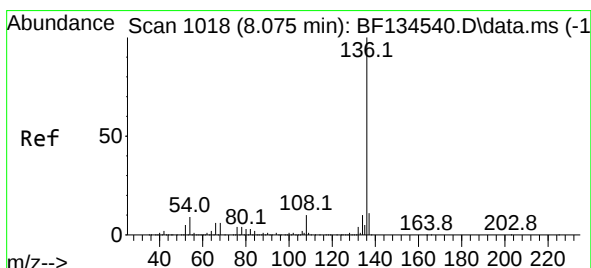
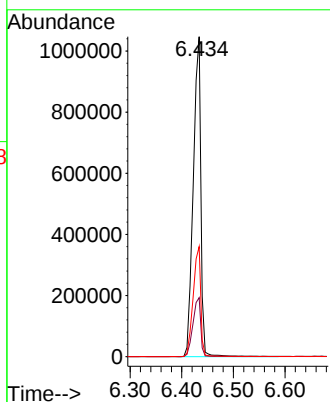
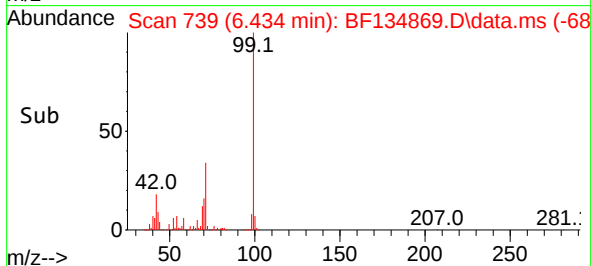
Instrument :
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ClientSampleId :
B-PP18A



Tgt Ion: 99 Resp: 1068000
Ion Ratio Lower Upper
99 100
42 18.4 18.7 28.1#
71 34.4 36.4 54.6#

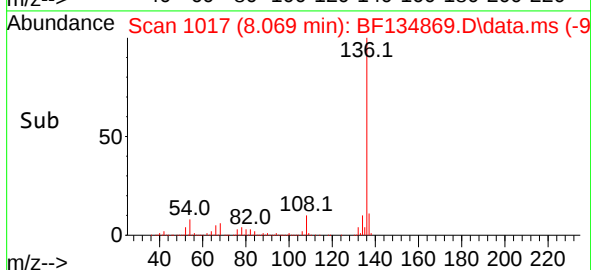
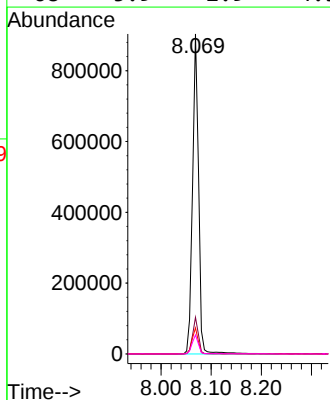
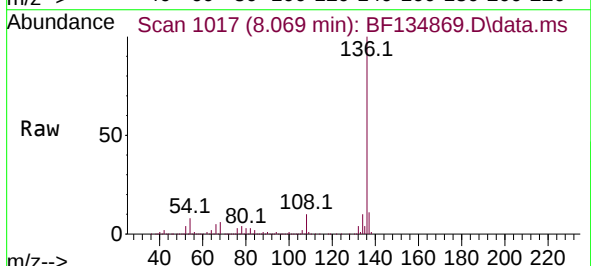
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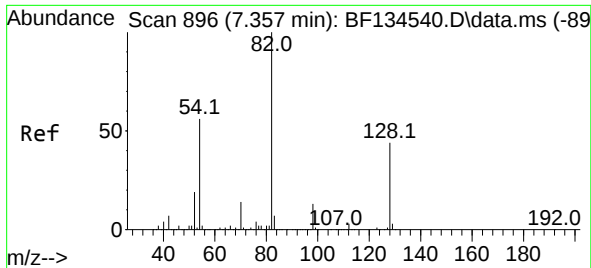
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF134869.D
Acq: 21 Aug 2023 15:57

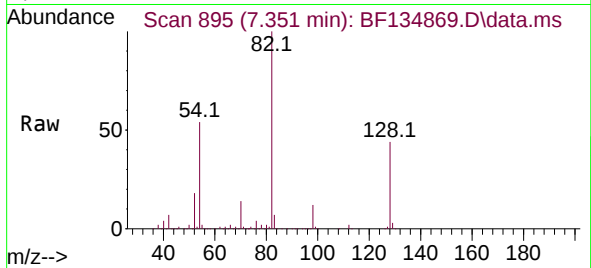
Tgt Ion:136 Resp: 754175
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 8.1 5.2 7.8#
68 5.9 2.9 4.3#





#23
Nitrobenzene-d5
Concen: 55.557 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF134869.D
Acq: 21 Aug 2023 15:57

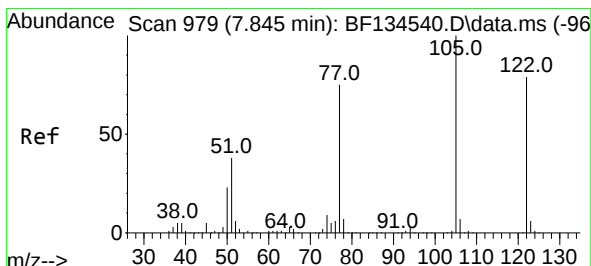
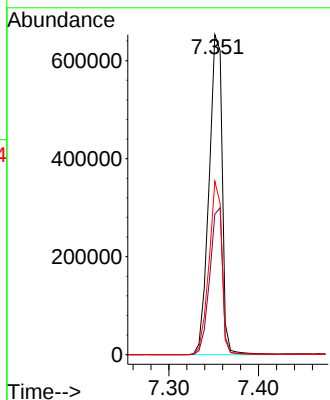
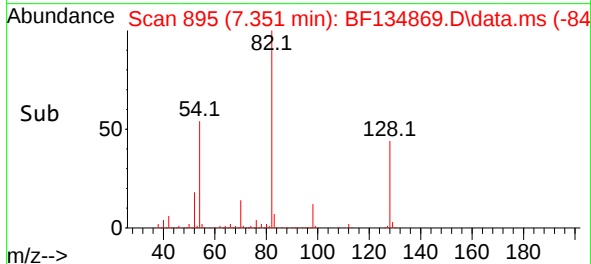
Instrument :
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ClientSampleId :
B-PP18A



Tgt Ion: 82 Resp: 670479
Ion Ratio Lower Upper
82 100
128 43.9 34.3 51.5
54 54.2 43.8 65.6

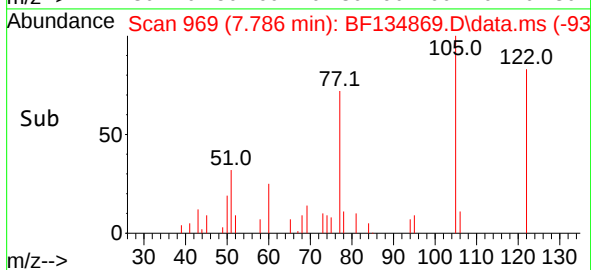
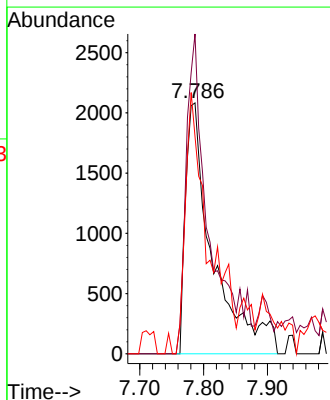
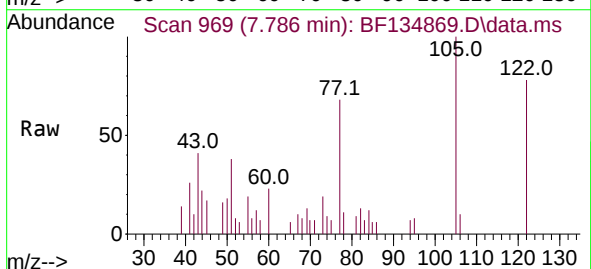
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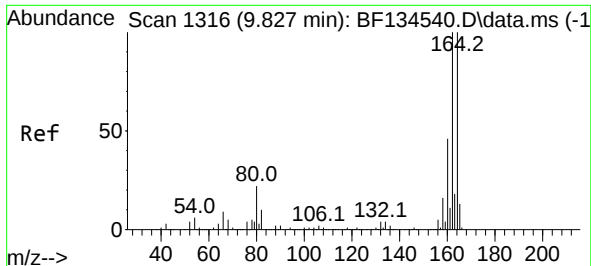
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#32
Benzoic acid
Concen: 8.542 ng m
RT: 7.786 min Scan# 969
Delta R.T. -0.077 min
Lab File: BF134869.D
Acq: 21 Aug 2023 15:57

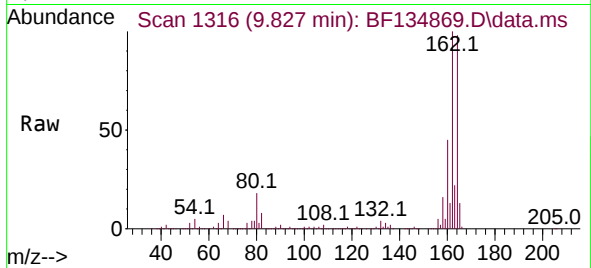
Tgt Ion:122 Resp: 6186
Ion Ratio Lower Upper
122 100
105 127.5 87.5 127.5#
77 86.7 71.4 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134869.D
Acq: 21 Aug 2023 15:57

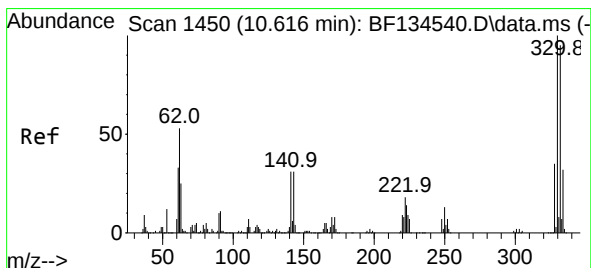
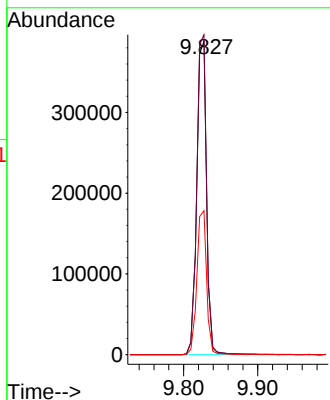
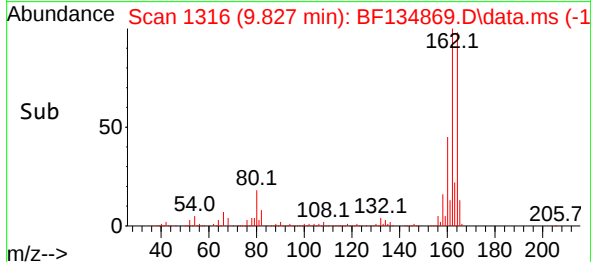
Instrument :
BNA_F
ClientSampleId :
B-PP18A



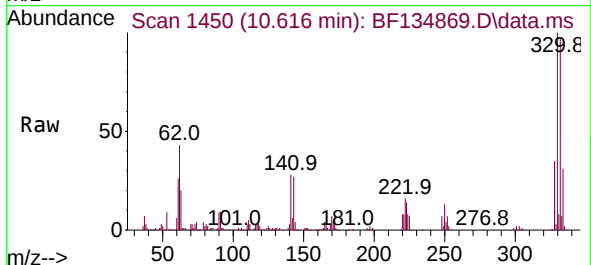
Tgt Ion:164 Resp: 355960
Ion Ratio Lower Upper
164 100
162 102.2 82.6 123.8
160 46.0 37.2 55.8

Manual Integrations
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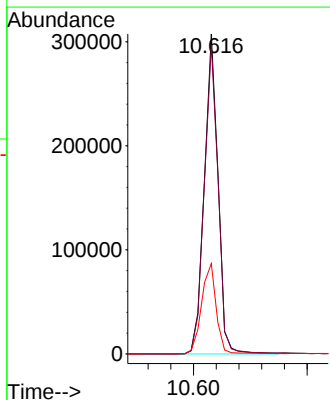
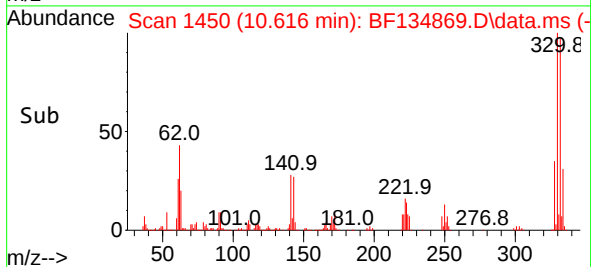
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

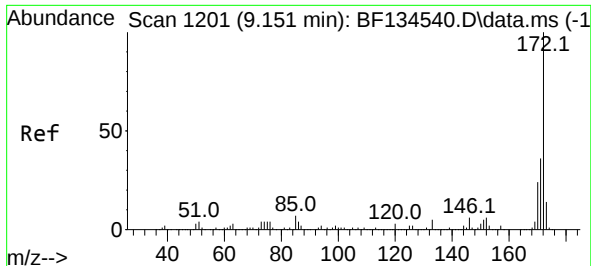


#42
2,4,6-Tribromophenol
Concen: 71.187 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134869.D
Acq: 21 Aug 2023 15:57



Tgt Ion:330 Resp: 258313
Ion Ratio Lower Upper
330 100
332 98.2 78.8 118.2
141 30.0 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 56.320 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.018 min

Lab File: BF134869.D

Acq: 21 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

B-PP18A

Tgt Ion:172 Resp: 1205732

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

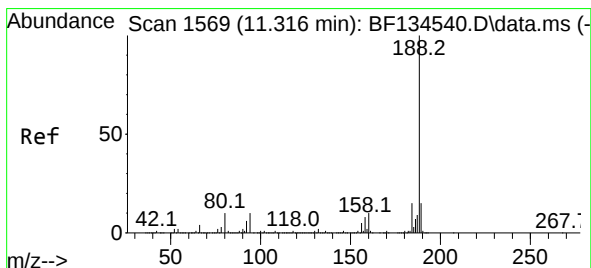
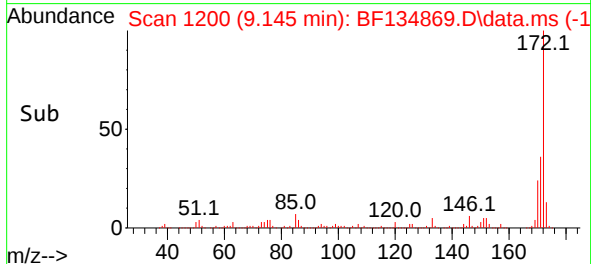
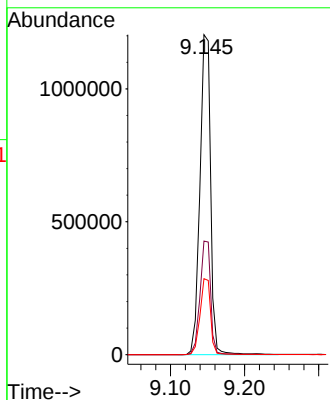
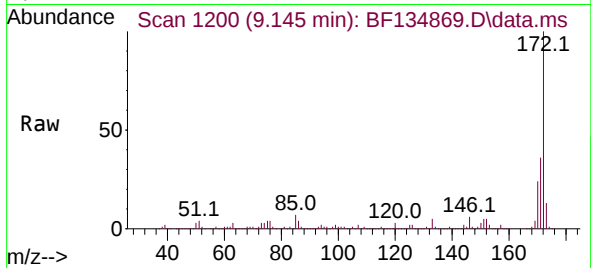
170 23.7 18.7 28.1

Manual Integrations

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Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF134869.D

Acq: 21 Aug 2023 15:57

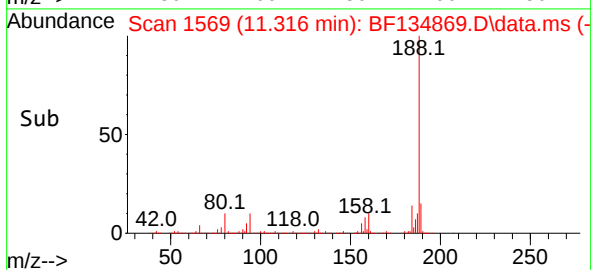
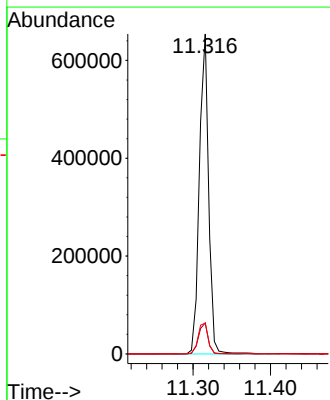
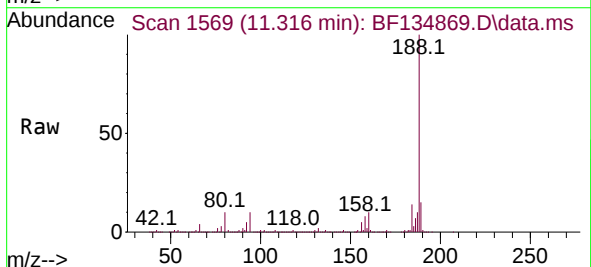
Tgt Ion:188 Resp: 541598

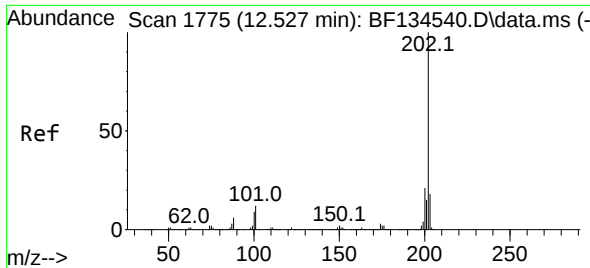
Ion Ratio Lower Upper

188 100

94 9.7 5.1 7.7#

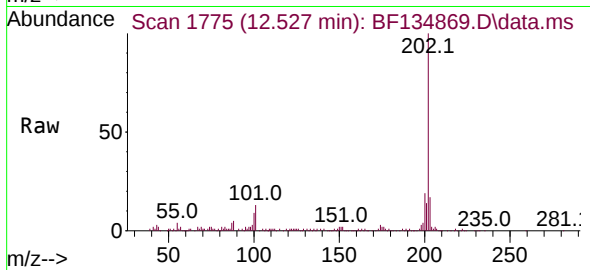
80 9.6 6.6 9.8





#75
Fluoranthene
Concen: 2.370 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF134869.D
Acq: 21 Aug 2023 15:57

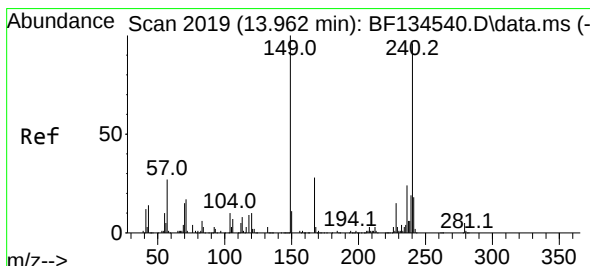
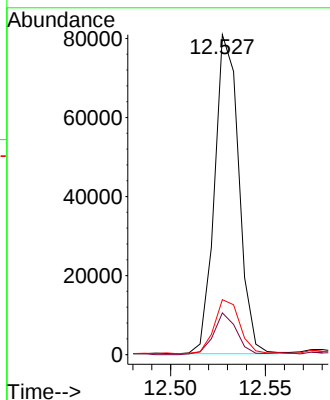
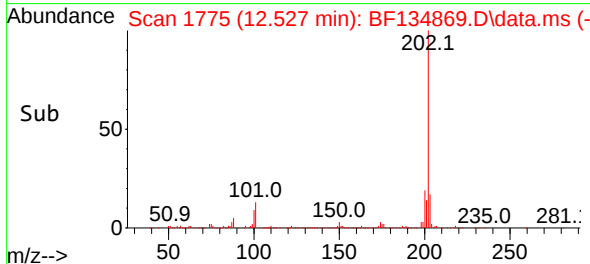
Instrument :
BNA_F
ClientSampleId :
B-PP18A



Tgt Ion:202 Resp: 72021
Ion Ratio Lower Upper
202 100
101 13.0 0.0 28.5
203 17.2 0.0 37.5

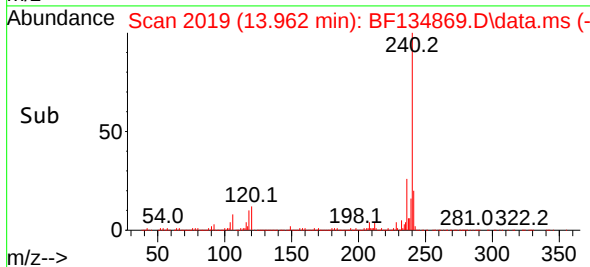
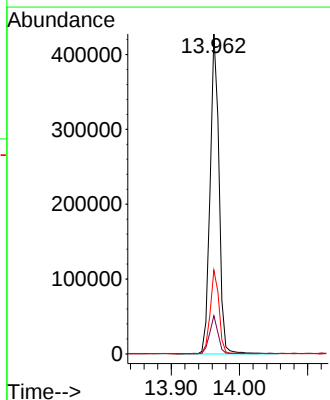
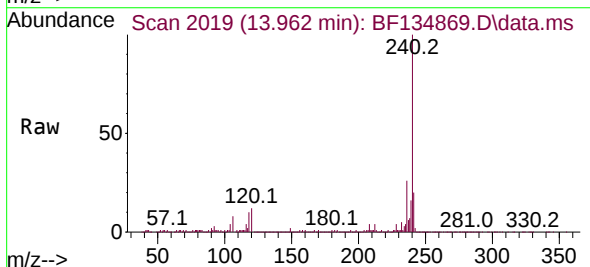
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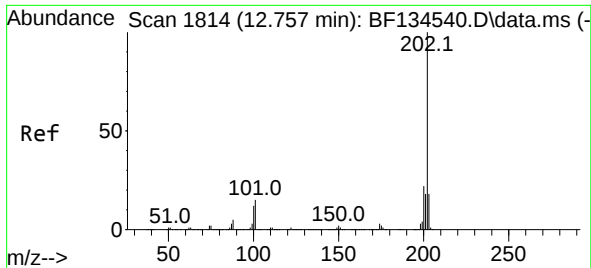
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF134869.D
Acq: 21 Aug 2023 15:57

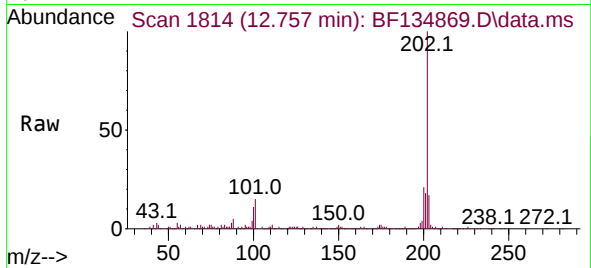
Tgt Ion:240 Resp: 388687
Ion Ratio Lower Upper
240 100
120 11.9 6.6 10.0#
236 26.2 20.2 30.2





#78
Pyrene
Concen: 2.564 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF134869.D
Acq: 21 Aug 2023 15:57

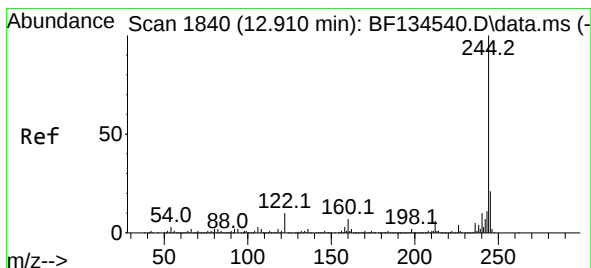
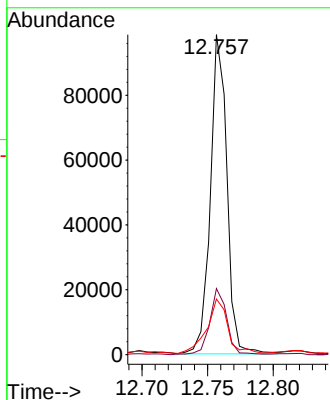
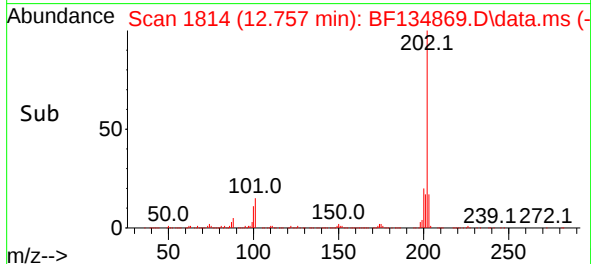
Instrument :
BNA_F
ClientSampleId :
B-PP18A



Tgt Ion:202 Resp: 86225
Ion Ratio Lower Upper
202 100
200 20.6 15.8 23.8
203 17.4 13.5 20.3

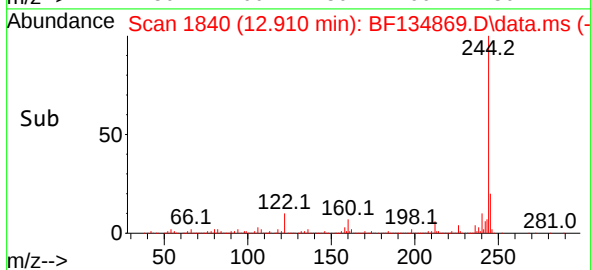
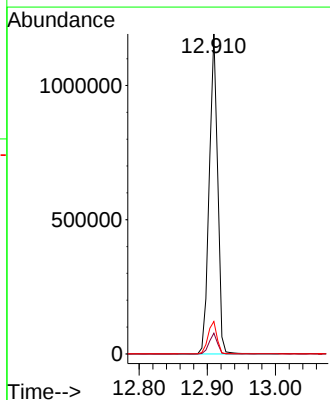
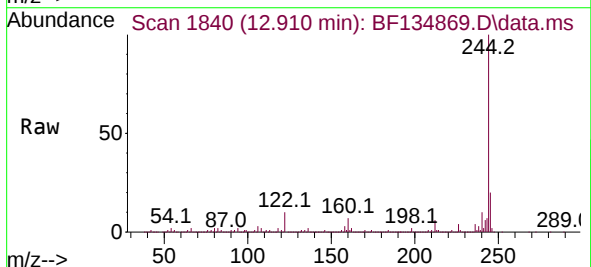
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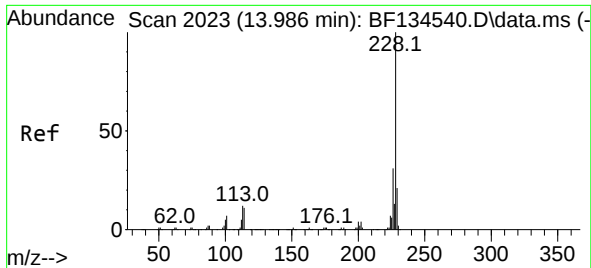
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#79
Terphenyl-d14
Concen: 46.424 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BF134869.D
Acq: 21 Aug 2023 15:57

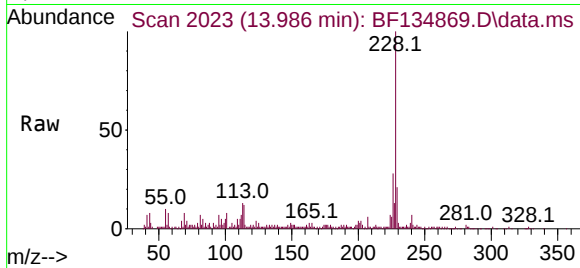
Tgt Ion:244 Resp: 1023588
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 10.1 8.0 12.0





#83
Chrysene
Concen: 2.245 ng
RT: 13.986 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF134869.D
Acq: 21 Aug 2023 15:57

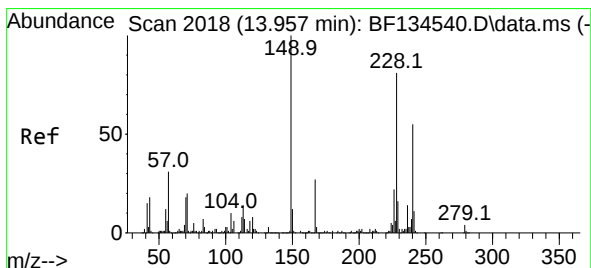
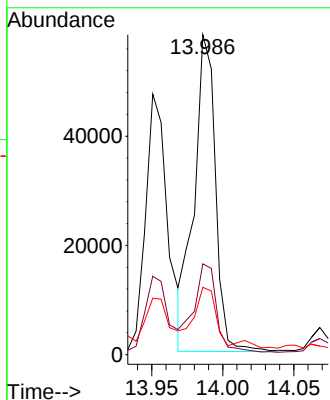
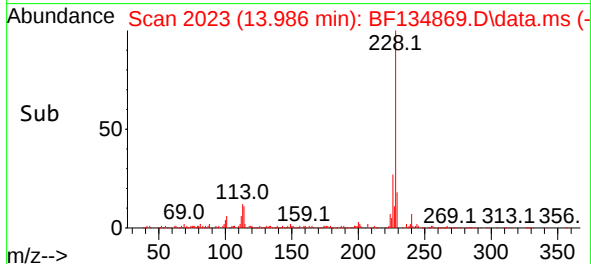
Instrument :
BNA_F
ClientSampleId :
B-PP18A



Tgt Ion:228 Resp: 60798
Ion Ratio Lower Upper
228 100
226 28.4 24.5 36.7
229 21.0 15.8 23.8

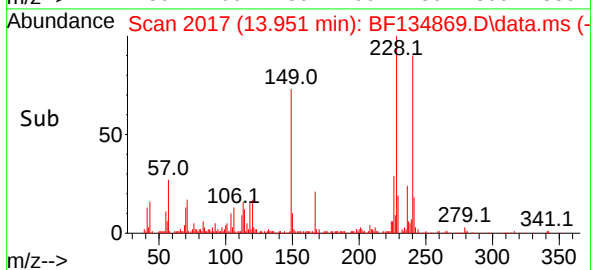
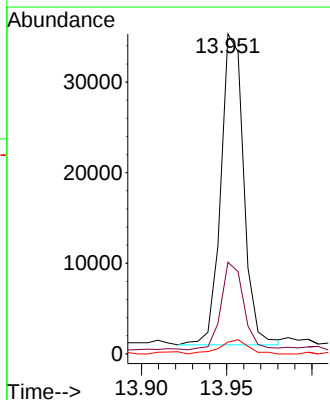
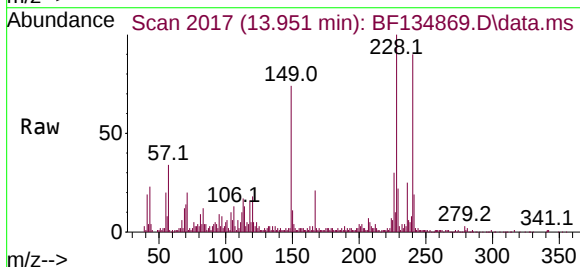
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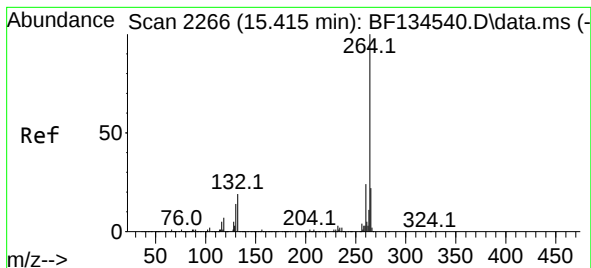
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.392 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF134869.D
Acq: 21 Aug 2023 15:57

Tgt Ion:149 Resp: 32012
Ion Ratio Lower Upper
149 100
167 28.6 21.6 32.4
279 3.7 3.5 5.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134869.D

Acq: 21 Aug 2023 15:57

Instrument :

BNA_F

ClientSampleId :

B-PP18A

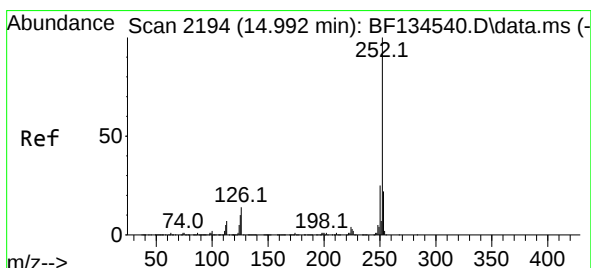
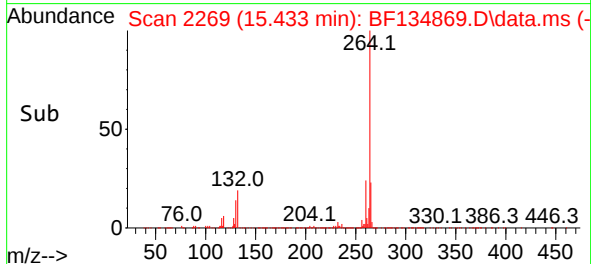
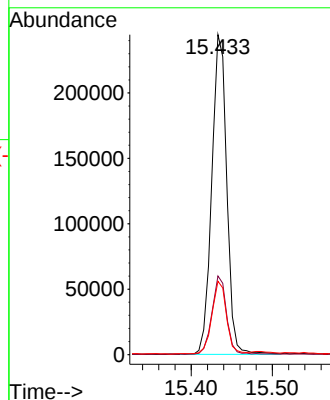
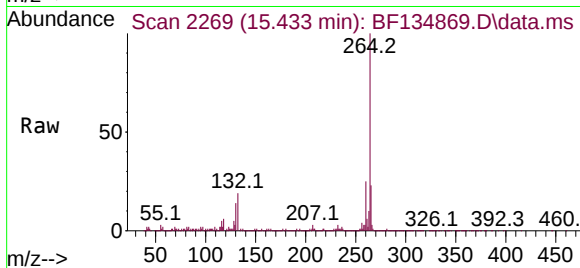
Tgt Ion:264 Resp: 314298
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.4 27.6
 265 22.9 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#88

Benzo(b)fluoranthene

Concen: 3.255 ng m

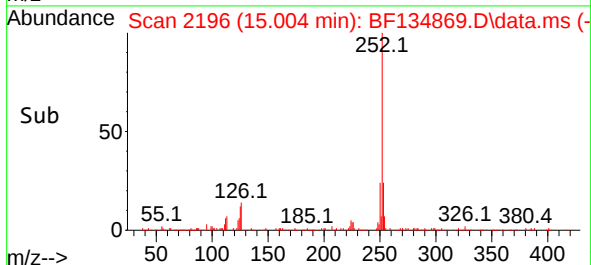
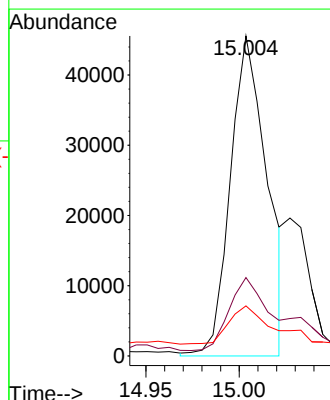
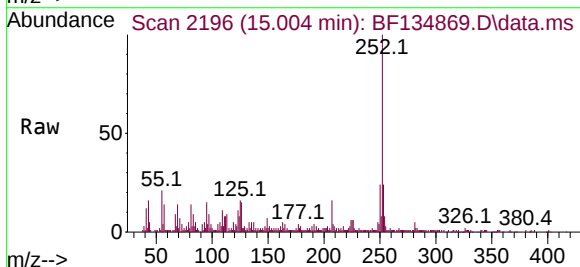
RT: 15.004 min Scan# 2196

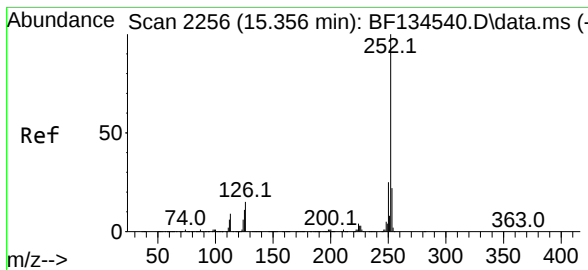
Delta R.T. -0.006 min

Lab File: BF134869.D

Acq: 21 Aug 2023 15:57

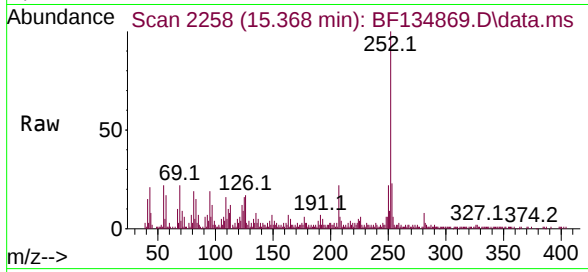
Tgt Ion:252 Resp: 62400
 Ion Ratio Lower Upper
 252 100
 253 24.5 17.3 25.9
 125 15.6 6.0 9.0#





#90
Benzo(a)pyrene
Concen: 2.111 ng
RT: 15.368 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF134869.D
Acq: 21 Aug 2023 15:57

Instrument :
BNA_F
ClientSampleId :
B-PP18A



Tgt Ion:252 Resp: 37723
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.4
125 15.6 6.2 9.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

