

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
 Data File : BF134870.D
 Acq On : 21 Aug 2023 16:30
 Operator : CG\JU
 Sample : 04086-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP13A

Manual Integrations
 APPROVED

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

Quant Time: Aug 22 03:20:20 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	6.793	152	163687	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	649897	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	298199	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	451897	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	340689	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	261258	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	797000	74.014	ng	0.00
7) Phenol-d6	6.434	99	1000661	72.696	ng	0.00
23) Nitrobenzene-d5	7.351	82	610708	58.724	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	223197	73.424	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1061896	59.209	ng	-0.02
79) Terphenyl-d14	12.910	244	902511	46.700	ng	-0.01
Target Compounds						
88) Benzo(b)fluoranthene	15.004	252	33611m	2.109	ng	Qvalue

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

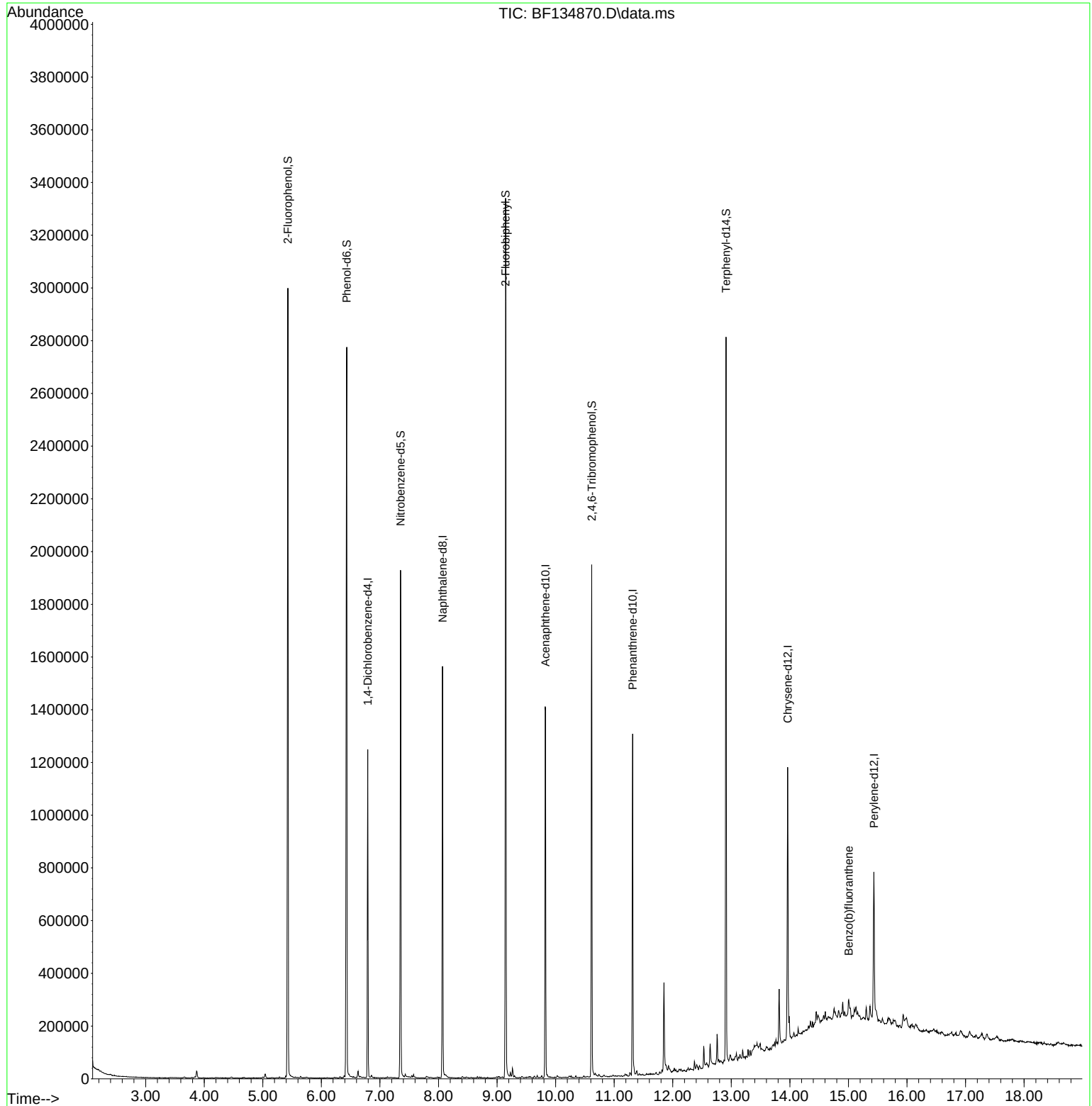
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
Data File : BF134870.D
Acq On : 21 Aug 2023 16:30
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Sample : 04086-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

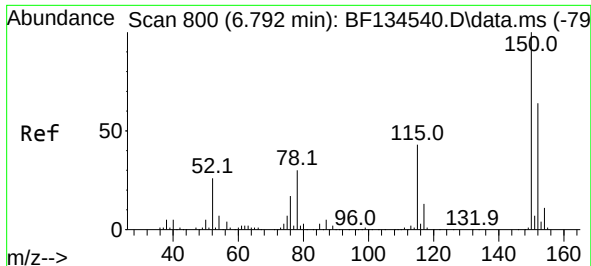
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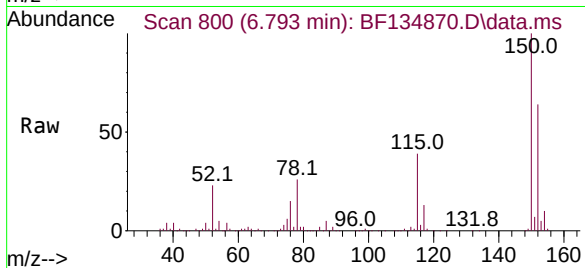
Quant Time: Aug 22 03:20:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. -0.005 min
Lab File: BF134870.D
Acq: 21 Aug 2023 16:30

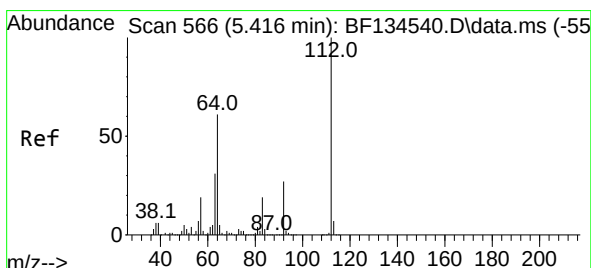
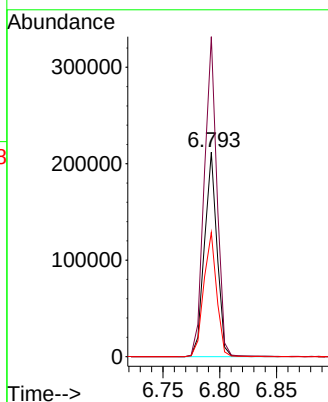
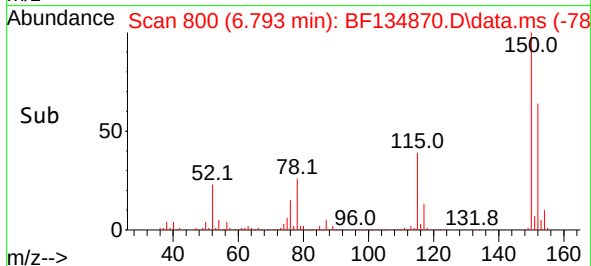
Instrument :
BNA_F
ClientSampleId :
B-PP13A



Tgt Ion:152 Resp: 163687
Ion Ratio Lower Upper
152 100
150 156.6 128.3 192.5
115 60.7 52.4 78.6

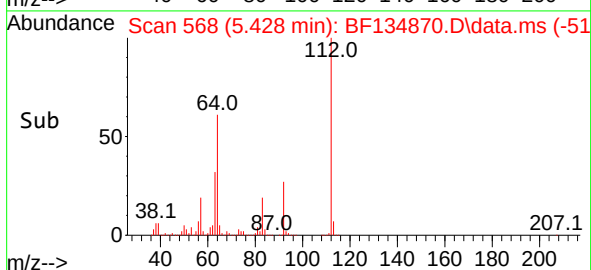
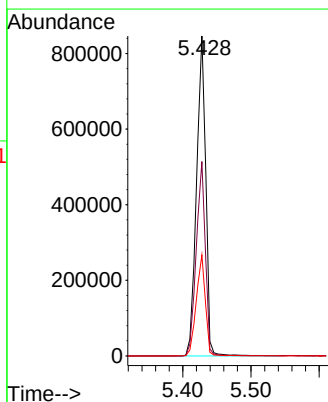
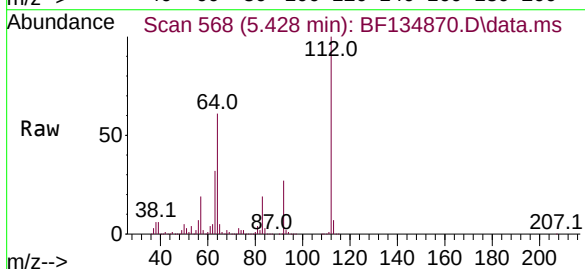
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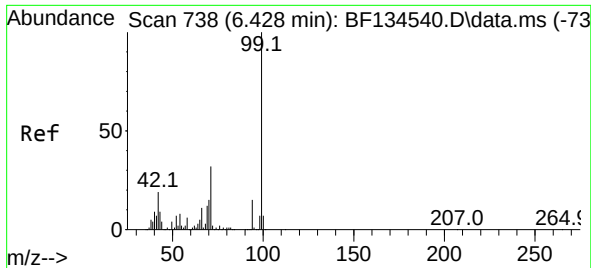
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#5
2-Fluorophenol
Concen: 74.014 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134870.D
Acq: 21 Aug 2023 16:30

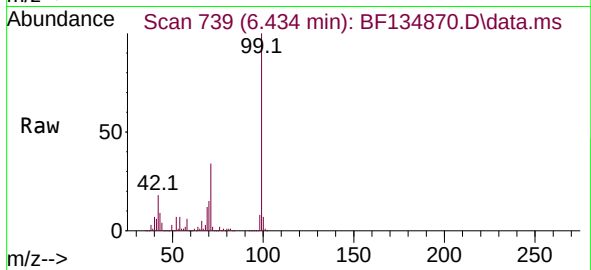
Tgt Ion:112 Resp: 797000
Ion Ratio Lower Upper
112 100
64 60.7 44.9 67.3
63 31.5 25.4 38.0





#7
Phenol-d6
Concen: 72.696 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF134870.D
Acq: 21 Aug 2023 16:30

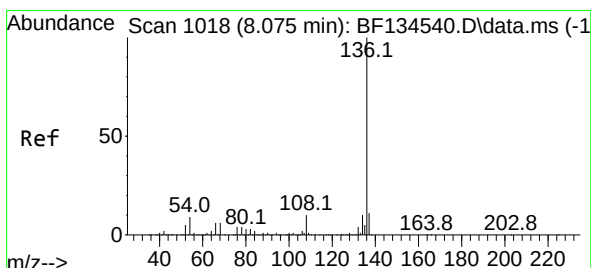
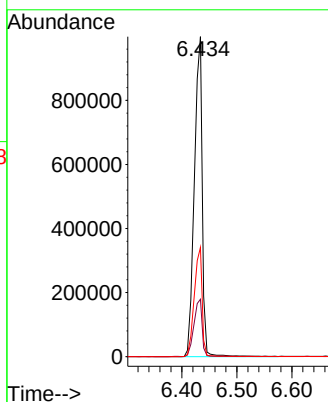
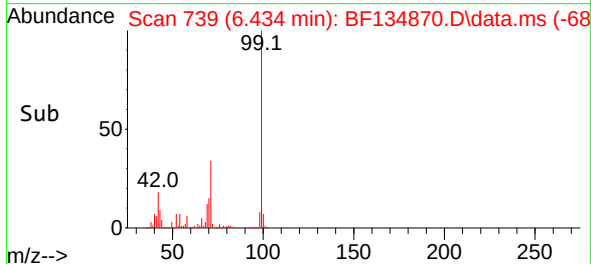
Instrument :
BNA_F
Client SampleId :
B-PP13A



Tgt Ion: 99 Resp: 100066
Ion Ratio Lower Upper
99 100
42 18.0 18.7 28.1#
71 34.1 36.4 54.6#

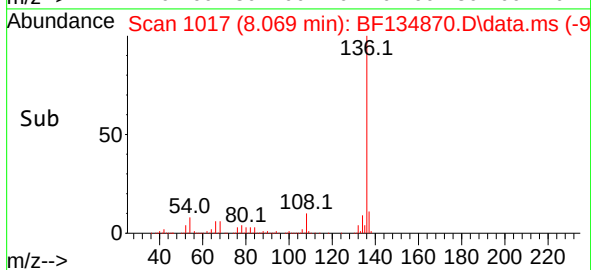
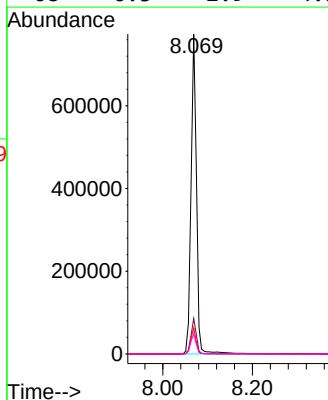
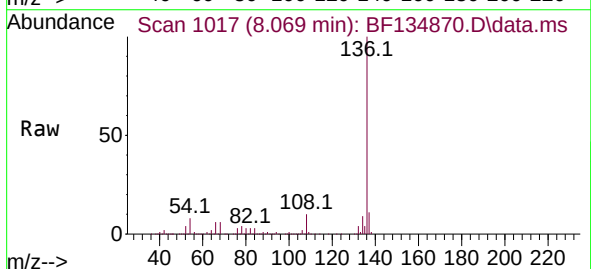
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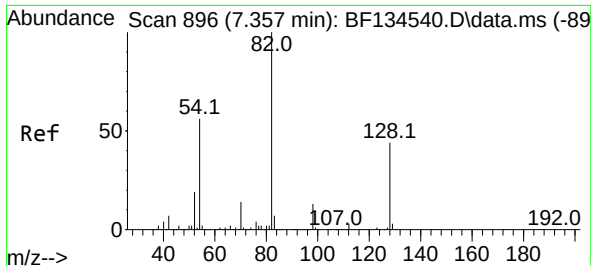
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF134870.D
Acq: 21 Aug 2023 16:30

Tgt Ion:136 Resp: 649897
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.1 5.2 7.8#
68 6.3 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 58.724 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.018 min

Lab File: BF134870.D

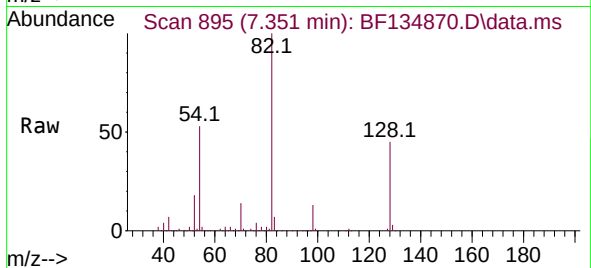
Acq: 21 Aug 2023 16:30

Instrument :

BNA_F

ClientSampleId :

B-PP13A



Tgt Ion: 82 Resp: 610708

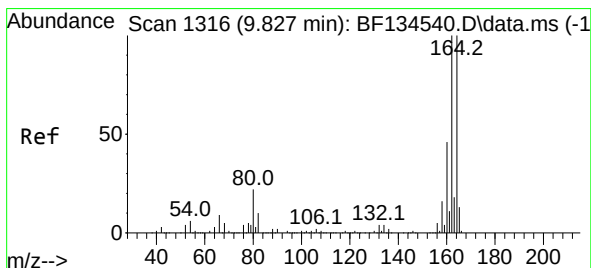
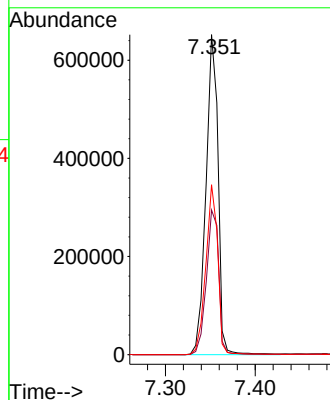
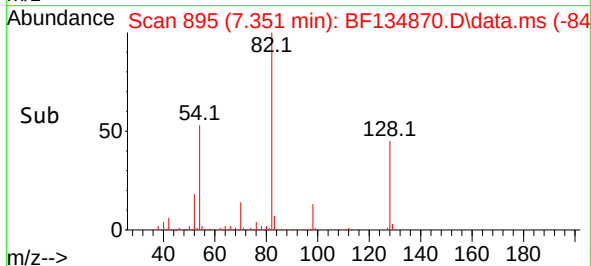
Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.3	51.5
54	53.1	43.8	65.6

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Supervised By :mohammad ahmed 08/22/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

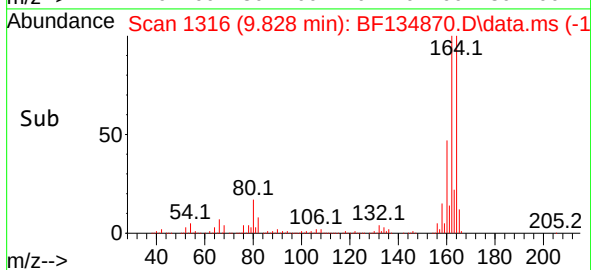
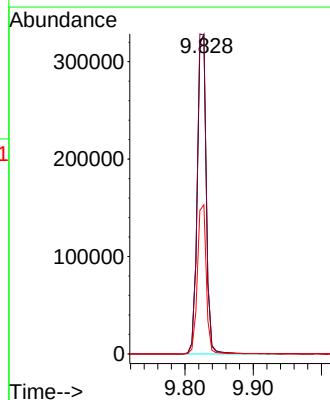
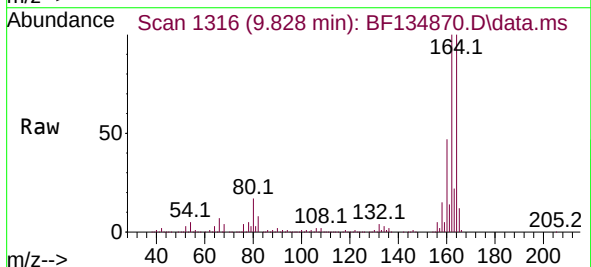
Delta R.T. -0.006 min

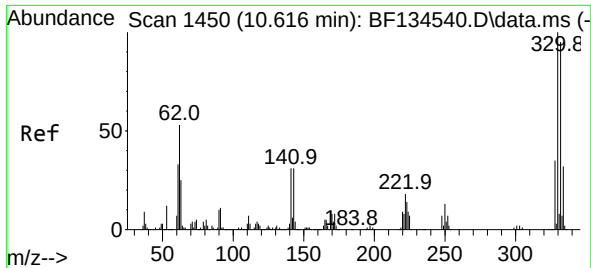
Lab File: BF134870.D

Acq: 21 Aug 2023 16:30

Tgt Ion:164 Resp: 298199

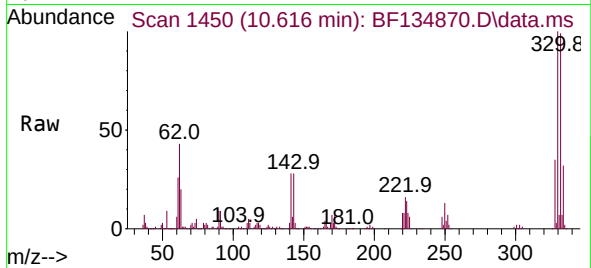
Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.6	123.8
160	46.7	37.2	55.8





#42
2,4,6-Tribromophenol
Concen: 73.424 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134870.D
Acq: 21 Aug 2023 16:30

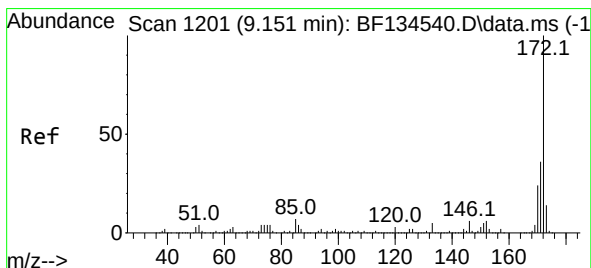
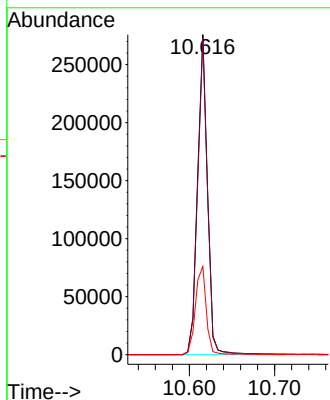
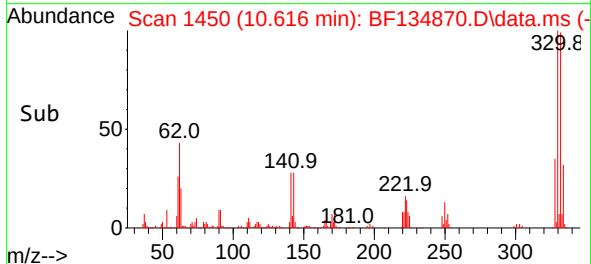
Instrument :
BNA_F
ClientSampleId :
B-PP13A



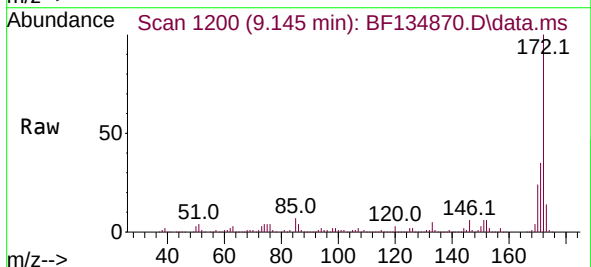
Tgt Ion:330 Resp: 223197
Ion Ratio Lower Upper
330 100
332 97.8 78.8 118.2
141 29.9 25.4 38.2

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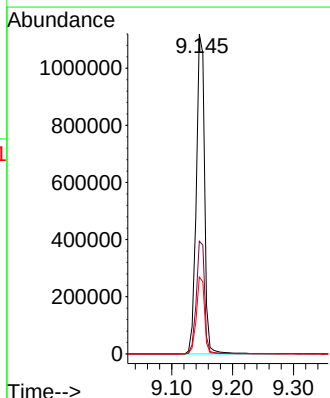
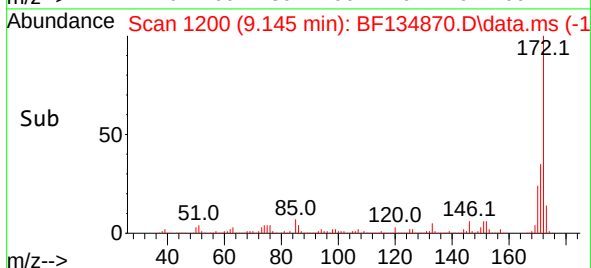
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

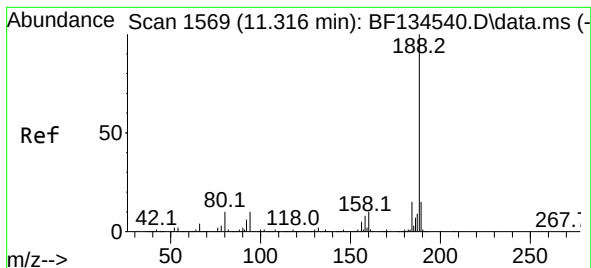


#45
2-Fluorobiphenyl
Concen: 59.209 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.018 min
Lab File: BF134870.D
Acq: 21 Aug 2023 16:30



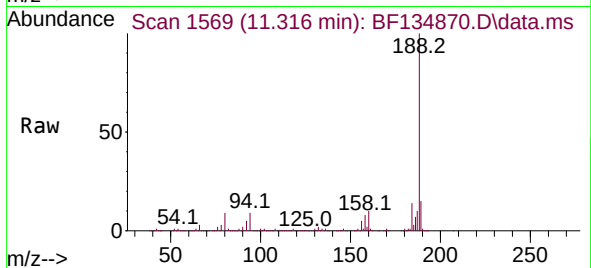
Tgt Ion:172 Resp: 1061896
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 24.0 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134870.D
Acq: 21 Aug 2023 16:30

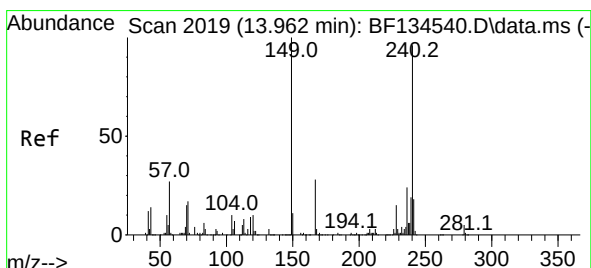
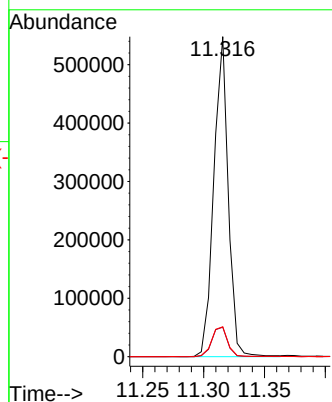
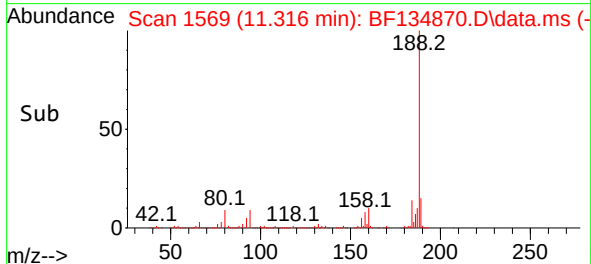
Instrument :
BNA_F
ClientSampleId :
B-PP13A



Tgt Ion:188 Resp: 451897
Ion Ratio Lower Upper
188 100
94 9.2 5.1 7.7
80 9.3 6.6 9.8

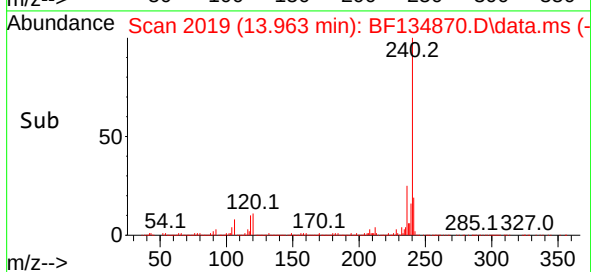
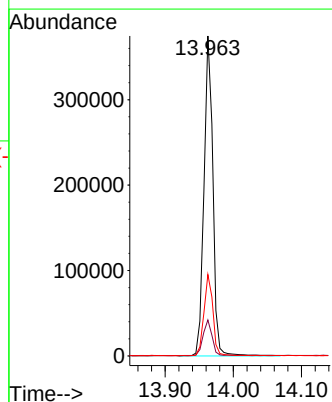
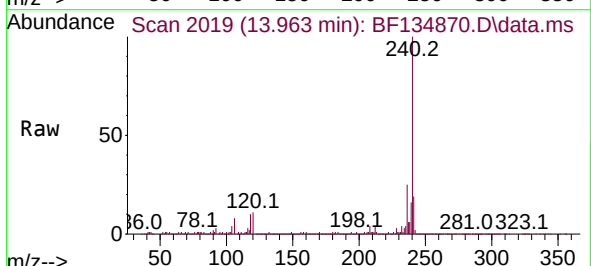
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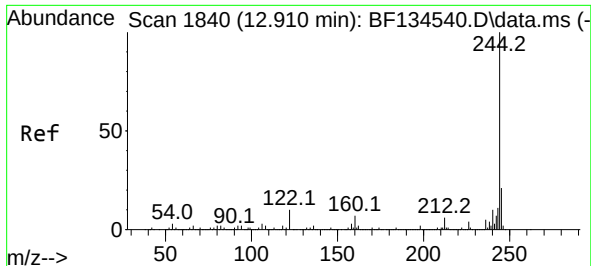
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF134870.D
Acq: 21 Aug 2023 16:30

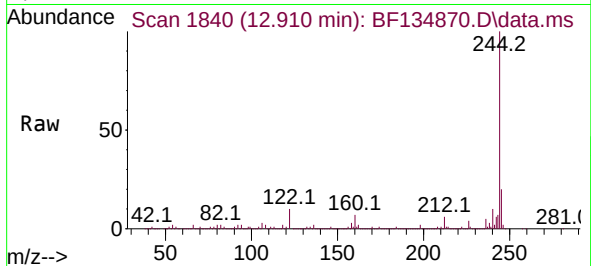
Tgt Ion:240 Resp: 340689
Ion Ratio Lower Upper
240 100
120 11.2 6.6 10.0
236 25.4 20.2 30.2





#79
 Terphenyl-d14
 Concen: 46.700 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF134870.D
 Acq: 21 Aug 2023 16:30

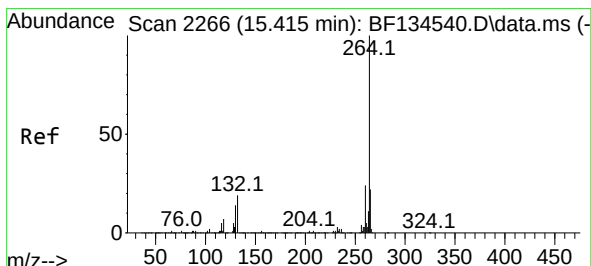
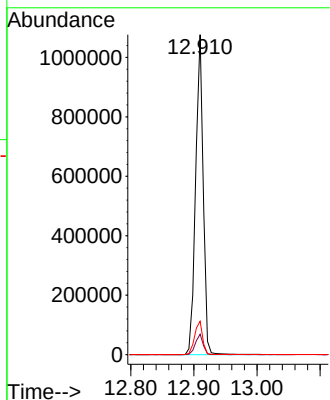
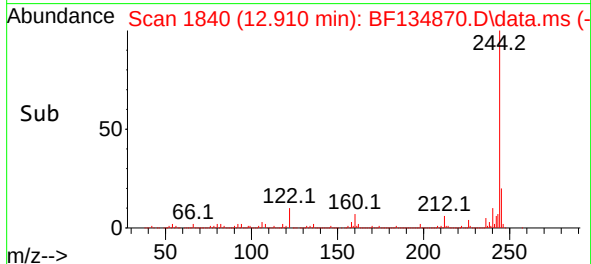
Instrument :
 BNA_F
 ClientSampleId :
 B-PP13A



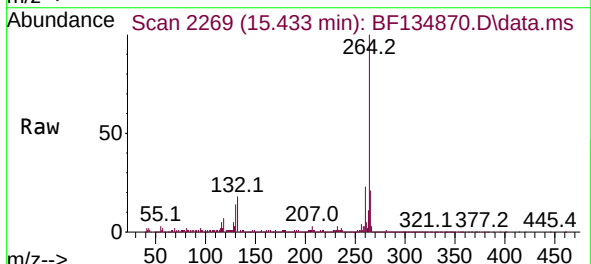
Tgt Ion:244 Resp: 902511
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 10.4 8.0 12.0

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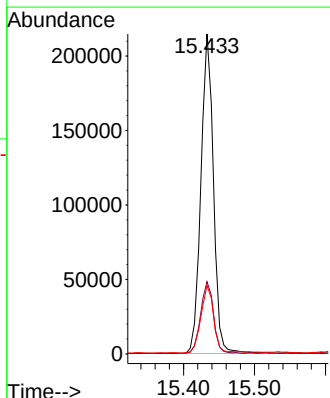
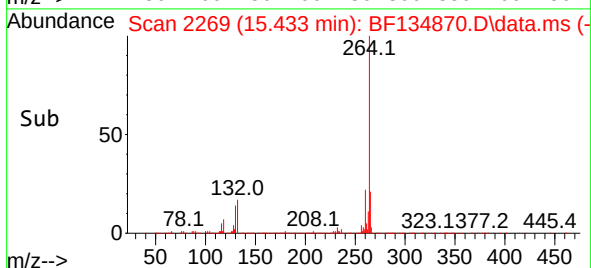
Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

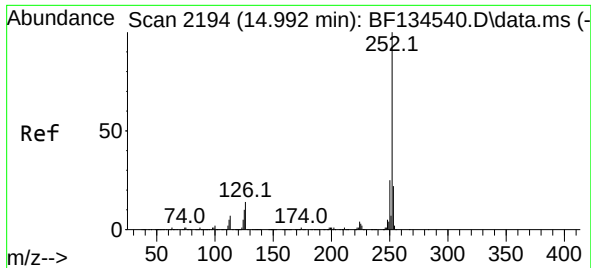


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF134870.D
 Acq: 21 Aug 2023 16:30



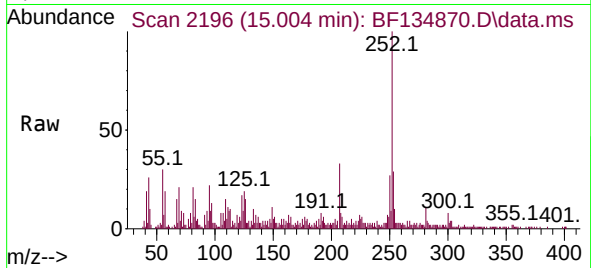
Tgt Ion:264 Resp: 261258
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.4 27.6
 265 21.4 15.8 23.8





#88
Benzo(b)fluoranthene
Concen: 2.109 ng m
RT: 15.004 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134870.D
Acq: 21 Aug 2023 16:30

Instrument :
BNA_F
ClientSampleId :
B-PP13A



Tgt Ion:252 Resp: 3361
Ion Ratio Lower Upper
252 100
253 28.9 17.3 25.9
125 18.5 6.0 9.0

Manual Integrations
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Supervised By :mohammad ahmed 08/22/2023

