

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126421.D
 Acq On : 30 Dec 2021 15:52
 Operator : JU/CG
 Sample : M5210-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3990

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/30/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 30 16:22:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 04:30:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	156883	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	660320	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	282845	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	410599	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	262263	20.000	ng	0.00
86) Perylene-d12	15.398	264	213965	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	956908	87.593	ng	0.00
7) Phenol-d6	6.428	99	1248693	88.250	ng	0.00
23) Nitrobenzene-d5	7.357	82	811643	63.113	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	193568	88.562	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1020071	63.464	ng	0.00
79) Terphenyl-d14	12.910	244	777274	57.583	ng	0.00
Target Compounds						
83) Chrysene	13.980	228	31591	2.042	ng	Qvalue 97
88) Benzo(b)fluoranthene	14.980	252	43416m	3.406	ng	

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

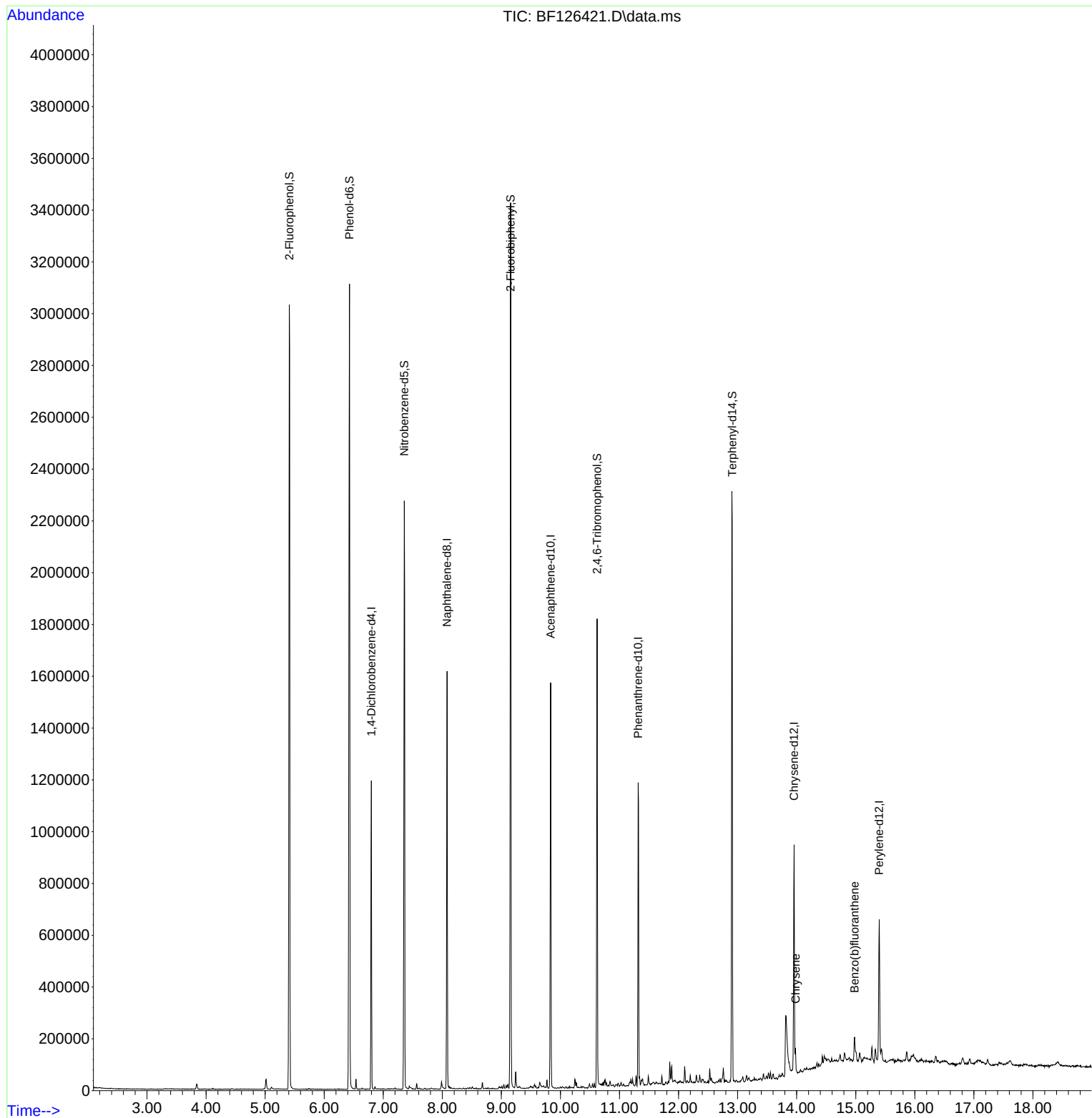
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126421.D
Acq On : 30 Dec 2021 15:52
Operator : JU/CG
Sample : M5210-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

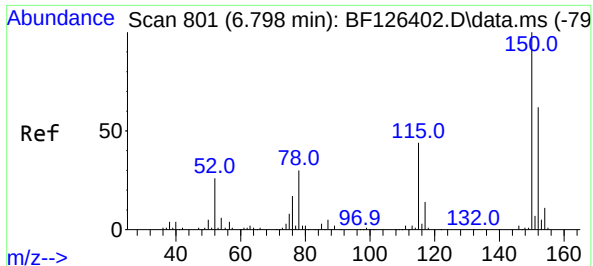
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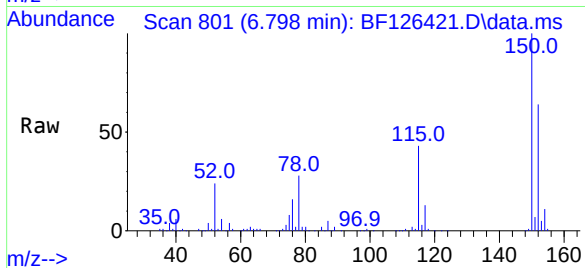
Quant Time: Dec 30 16:22:57 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 04:30:49 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126421.D
Acq: 30 Dec 2021 15:52

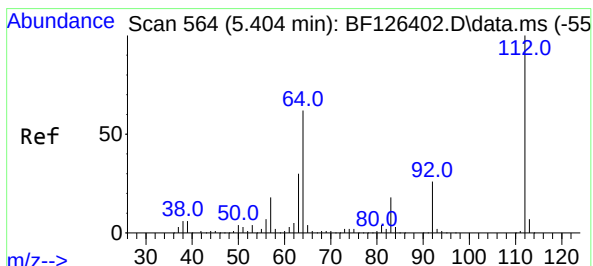
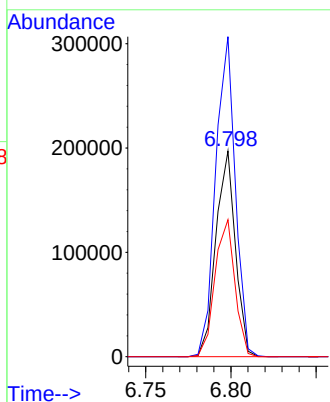
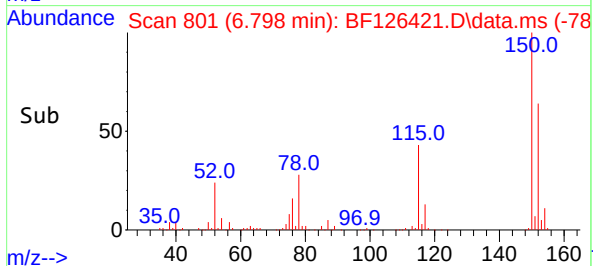
Instrument :
BNA_F
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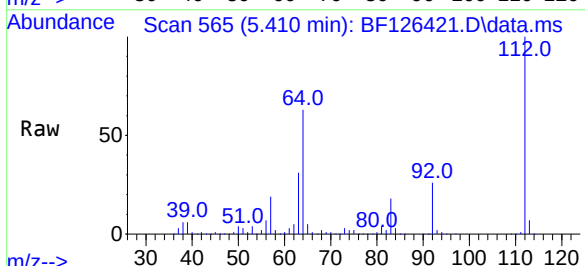
Tgt Ion:152 Resp: 15688
Ion Ratio Lower Upper
152 100
150 155.6 128.1 192.1
115 66.6 56.7 85.1

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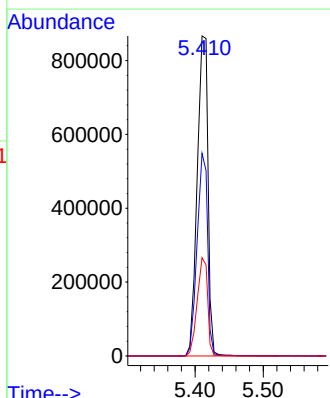
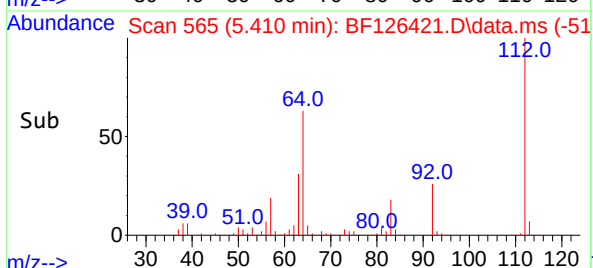
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021

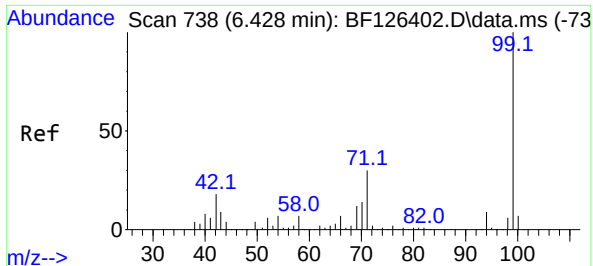


#5
2-Fluorophenol
Concen: 87.593 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF126421.D
Acq: 30 Dec 2021 15:52



Tgt Ion:112 Resp: 956908
Ion Ratio Lower Upper
112 100
64 63.3 49.5 74.3
63 30.7 23.9 35.9





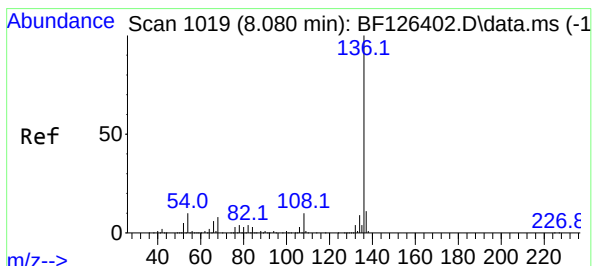
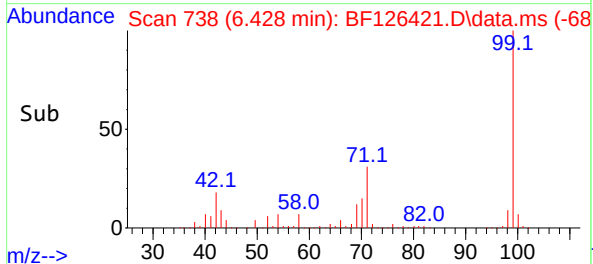
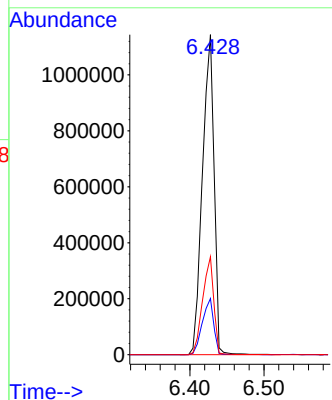
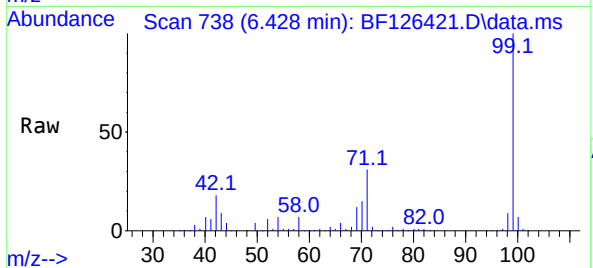
#7
Phenol-d6
Concen: 88.250 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126421.D
Acq: 30 Dec 2021 15:52

Instrument :
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ClientSampleId :
RT3990

Tgt Ion: 99 Resp: 124869
Ion Ratio Lower Upper
99 100
42 17.6 14.2 21.4
71 30.6 24.3 36.5

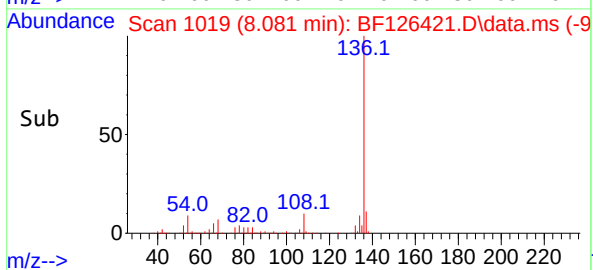
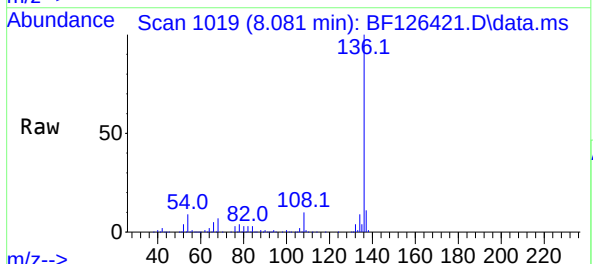
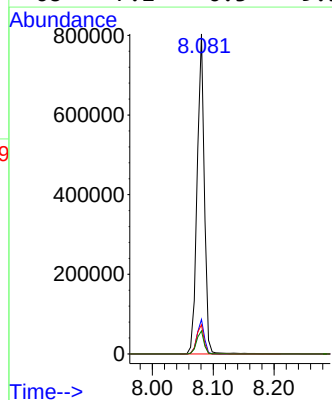
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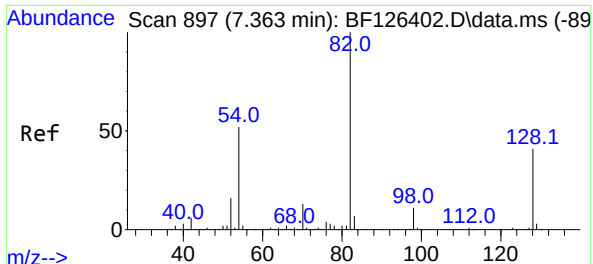
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126421.D
Acq: 30 Dec 2021 15:52

Tgt Ion:136 Resp: 660320
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.1 7.8 11.6
68 7.2 6.3 9.5





#23

Nitrobenzene-d5

Concen: 63.113 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126421.D

Acq: 30 Dec 2021 15:52

Instrument :

BNA_F

ClientSampleId :

RT3990

Tgt Ion: 82 Resp: 81164

Ion Ratio Lower Upper

82 100

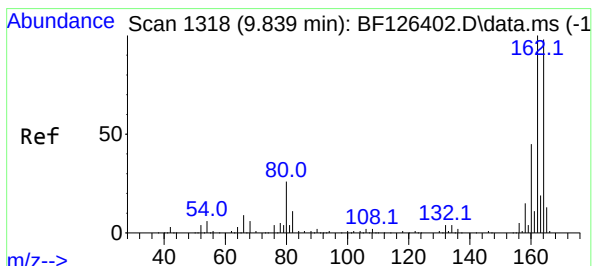
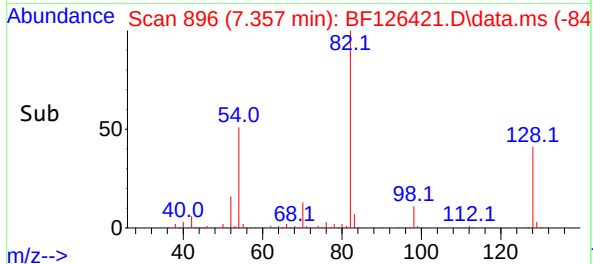
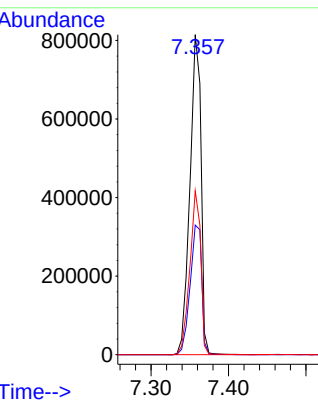
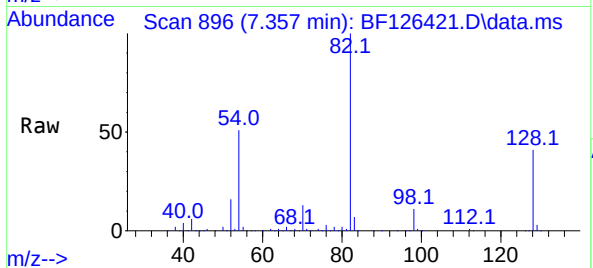
128 40.5 32.7 49.1

54 51.2 41.7 62.5

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF126421.D

Acq: 30 Dec 2021 15:52

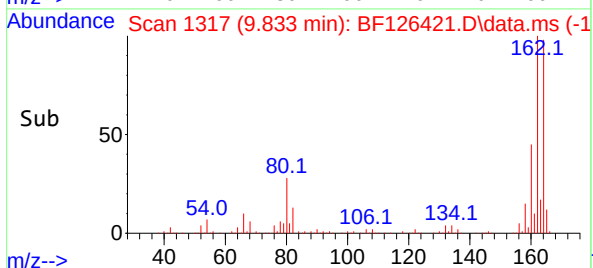
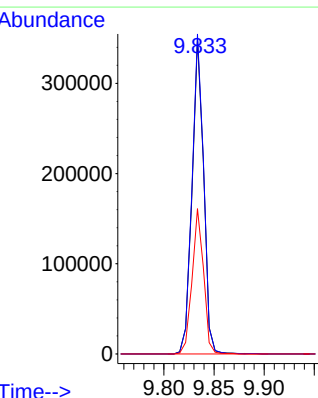
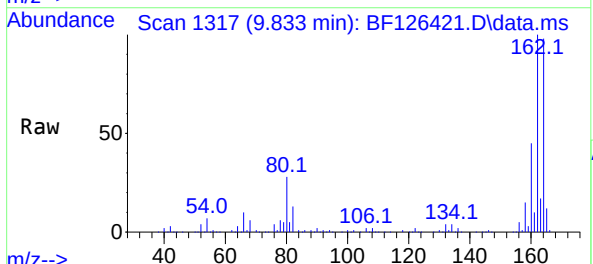
Tgt Ion:164 Resp: 282845

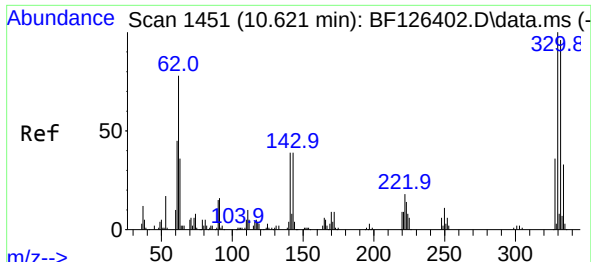
Ion Ratio Lower Upper

164 100

162 101.6 81.4 122.0

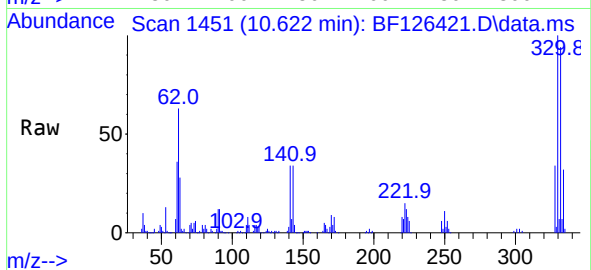
160 46.1 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 88.562 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF126421.D
Acq: 30 Dec 2021 15:52

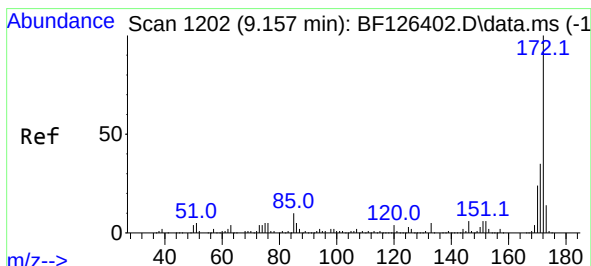
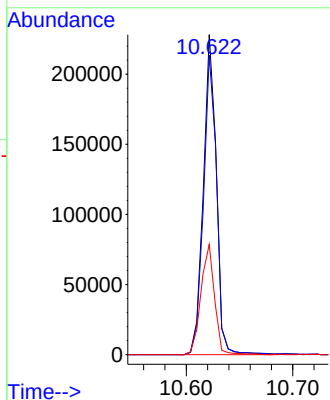
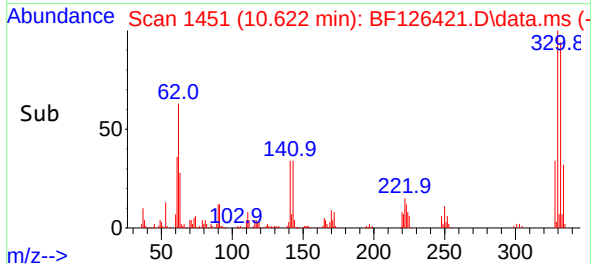
Instrument :
BNA_F
ClientSampleId :
RT3990



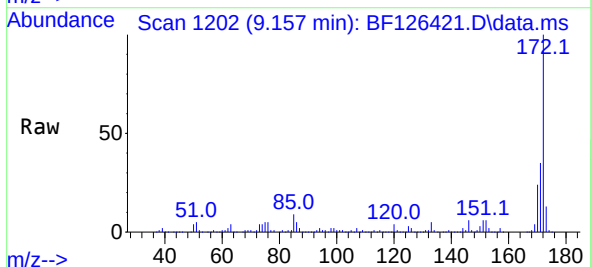
Tgt Ion: 330 Resp: 193568
Ion Ratio Lower Upper
330 100
332 95.1 76.0 114.0
141 36.2 30.1 45.1

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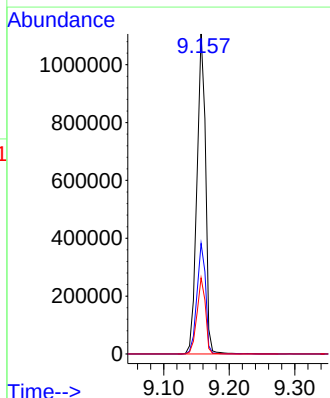
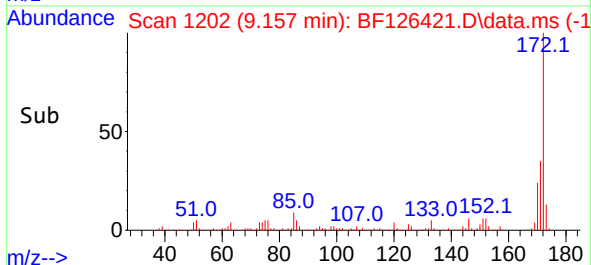
Reviewed By : Jagrut Upadhyay 12/30/2021
Supervised By : mohammad ahmed 12/31/2021

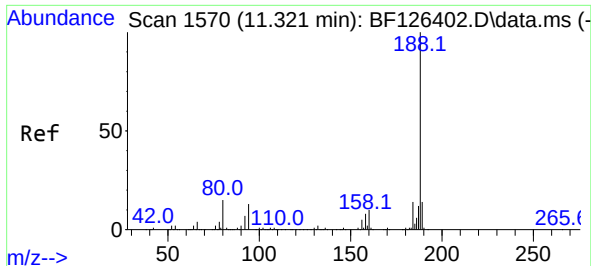


#45
2-Fluorobiphenyl
Concen: 63.464 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF126421.D
Acq: 30 Dec 2021 15:52



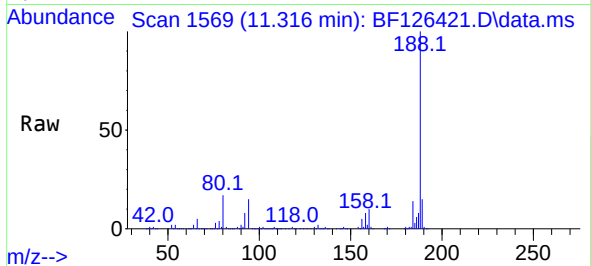
Tgt Ion: 172 Resp: 1020071
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.8 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126421.D
Acq: 30 Dec 2021 15:52

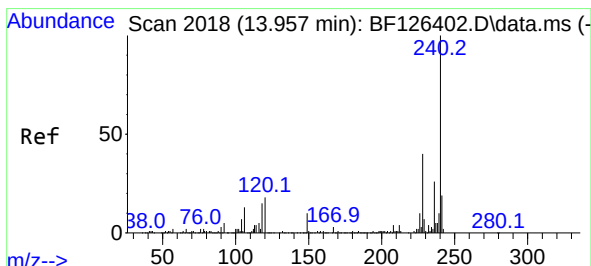
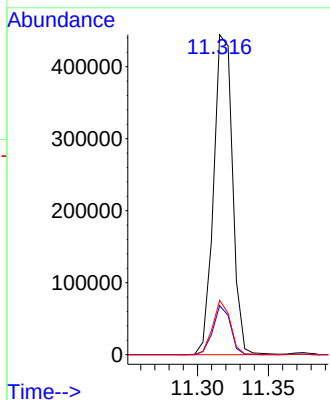
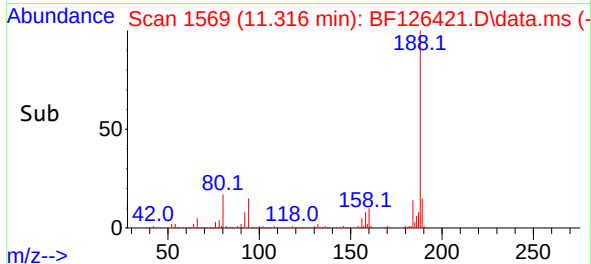
Instrument :
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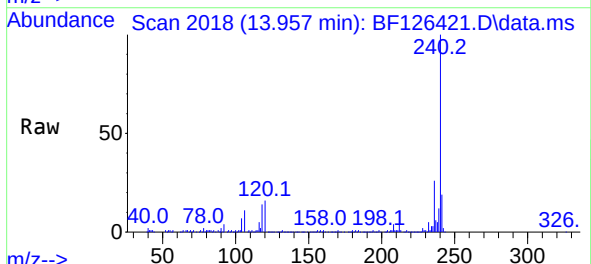
Tgt Ion:188 Resp: 410599
Ion Ratio Lower Upper
188 100
94 15.4 10.1 15.1
80 17.0 11.8 17.6

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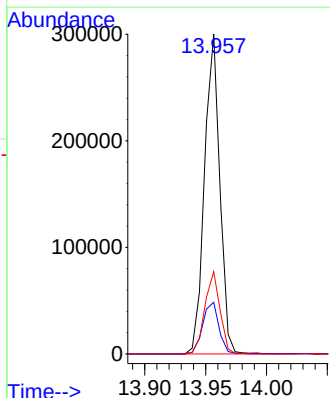
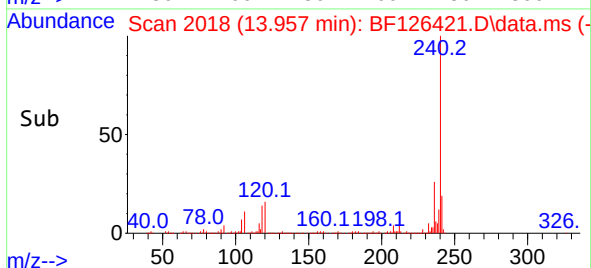
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Supervised By :mohammad ahmed 12/31/2021

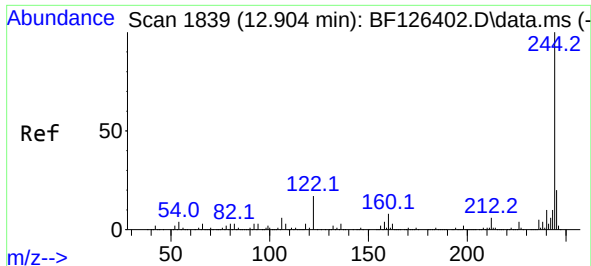


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF126421.D
Acq: 30 Dec 2021 15:52



Tgt Ion:240 Resp: 262263
Ion Ratio Lower Upper
240 100
120 16.2 14.4 21.6
236 25.7 20.5 30.7





#79
 Terphenyl-d14
 Concen: 57.583 ng
 RT: 12.910 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF126421.D
 Acq: 30 Dec 2021 15:52

Instrument :

BNA_F

ClientSampleId :

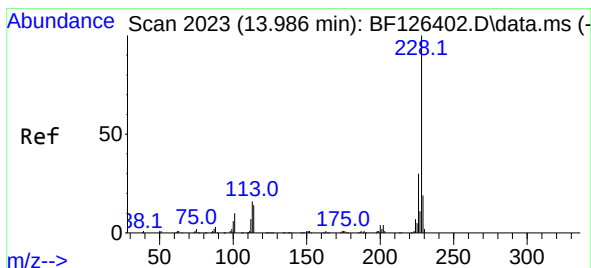
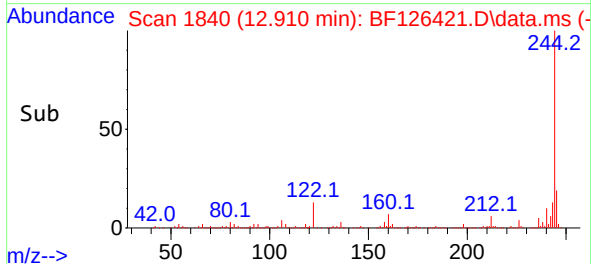
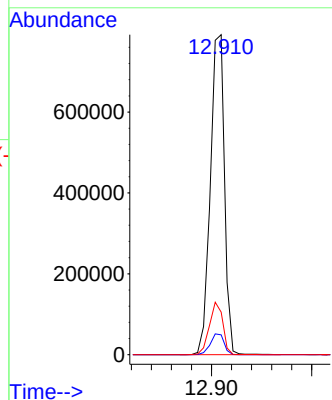
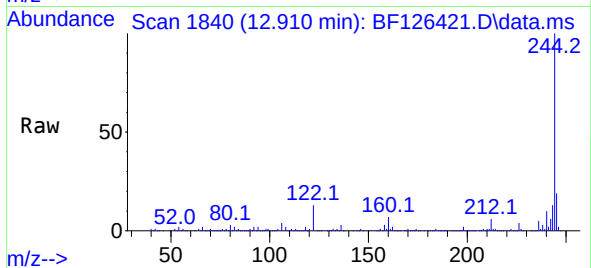
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Tgt Ion:244 Resp: 777274
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 13.3 13.3 19.9

Manual Integrations

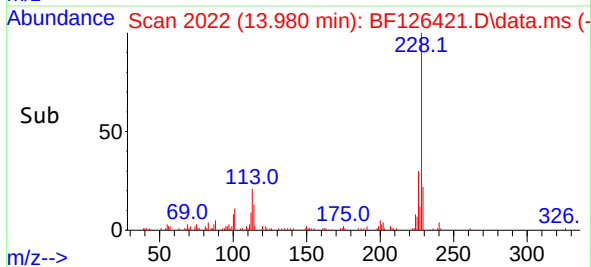
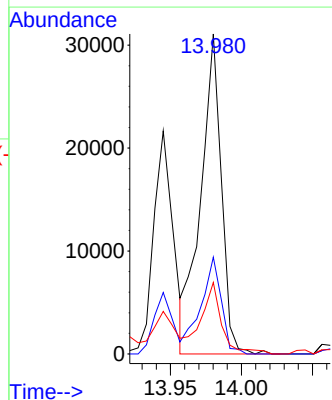
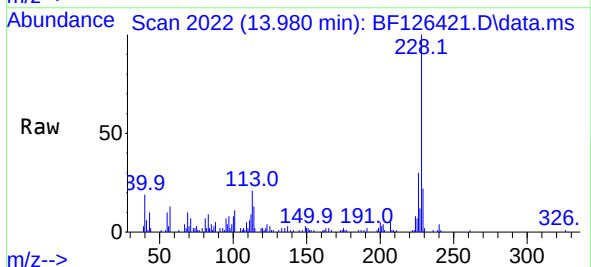
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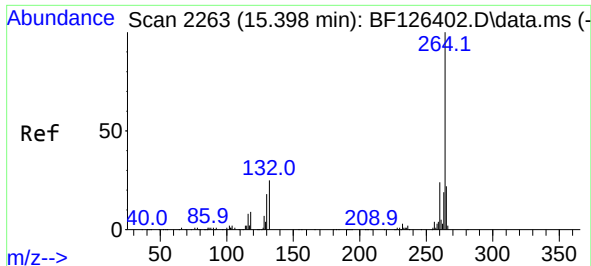
Reviewed By :Jagrut Upadhyay 12/30/2021
 Supervised By :mohammad ahmed 12/31/2021



#83
 Chrysene
 Concen: 2.042 ng
 RT: 13.980 min Scan# 2022
 Delta R.T. -0.006 min
 Lab File: BF126421.D
 Acq: 30 Dec 2021 15:52

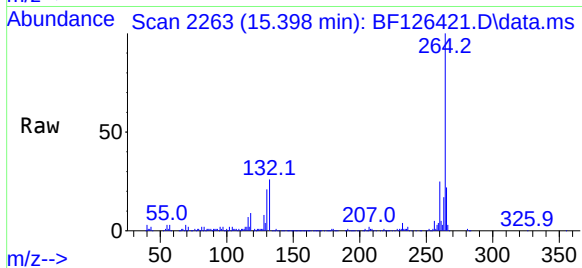
Tgt Ion:228 Resp: 31591
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.7 35.5
 229 22.4 15.5 23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 21396
Delta R.T. 0.000 min
Lab File: BF126421.D
Acq: 30 Dec 2021 15:52

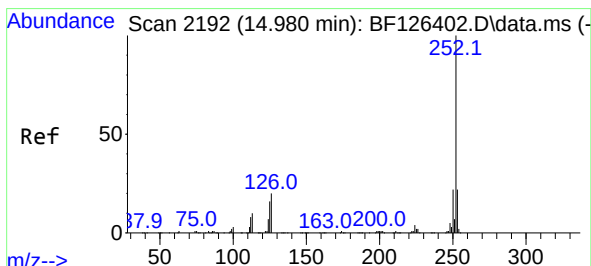
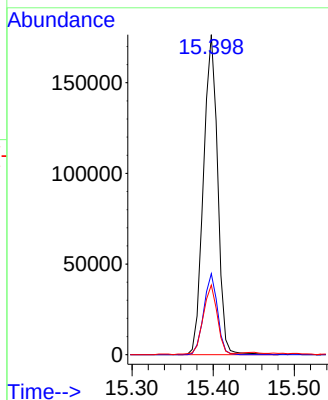
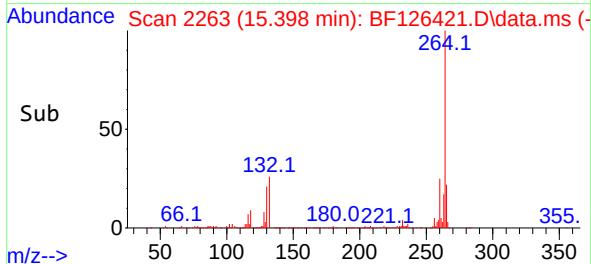
Instrument :
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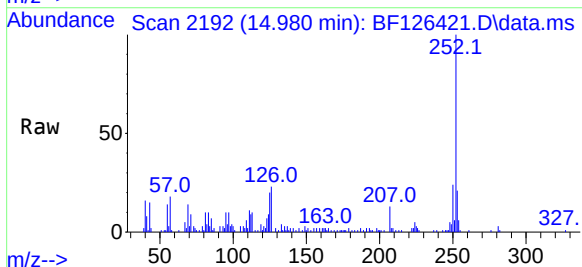
Tgt Ion:264 Resp: 21396
Ion Ratio Lower Upper
264 100
260 25.3 19.2 28.8
265 21.7 17.4 26.2

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#88
Benzo(b)fluoranthene
Concen: 3.406 ng m
RT: 14.980 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BF126421.D
Acq: 30 Dec 2021 15:52



Tgt Ion:252 Resp: 43416
Ion Ratio Lower Upper
252 100
253 20.8 17.8 26.8
125 20.1 12.4 18.6#

