

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF136617.D
 Acq On : 18 Dec 2023 16:34
 Operator : CG\JU
 Sample : 05833-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 351

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/19/2023

Quant Time: Dec 18 17:37:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	103801	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	387788	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	185854	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	289041	20.000	ng	0.00
76) Chrysene-d12	13.969	240	205612	20.000	ng	0.00
86) Perylene-d12	15.451	264	251128	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	551699	78.493	ng	0.00
7) Phenol-d6	6.434	99	665431	75.882	ng	0.00
23) Nitrobenzene-d5	7.345	82	401898	56.027	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	163360	71.287	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	842433	61.850	ng	0.00
79) Terphenyl-d14	12.910	244	686983	44.038	ng	0.00
Target Compounds						
75) Fluoranthene	12.527	202	37566	2.256	ng	Qvalue 96
88) Benzo(b)fluoranthene	15.010	252	34706m	2.021	ng	

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

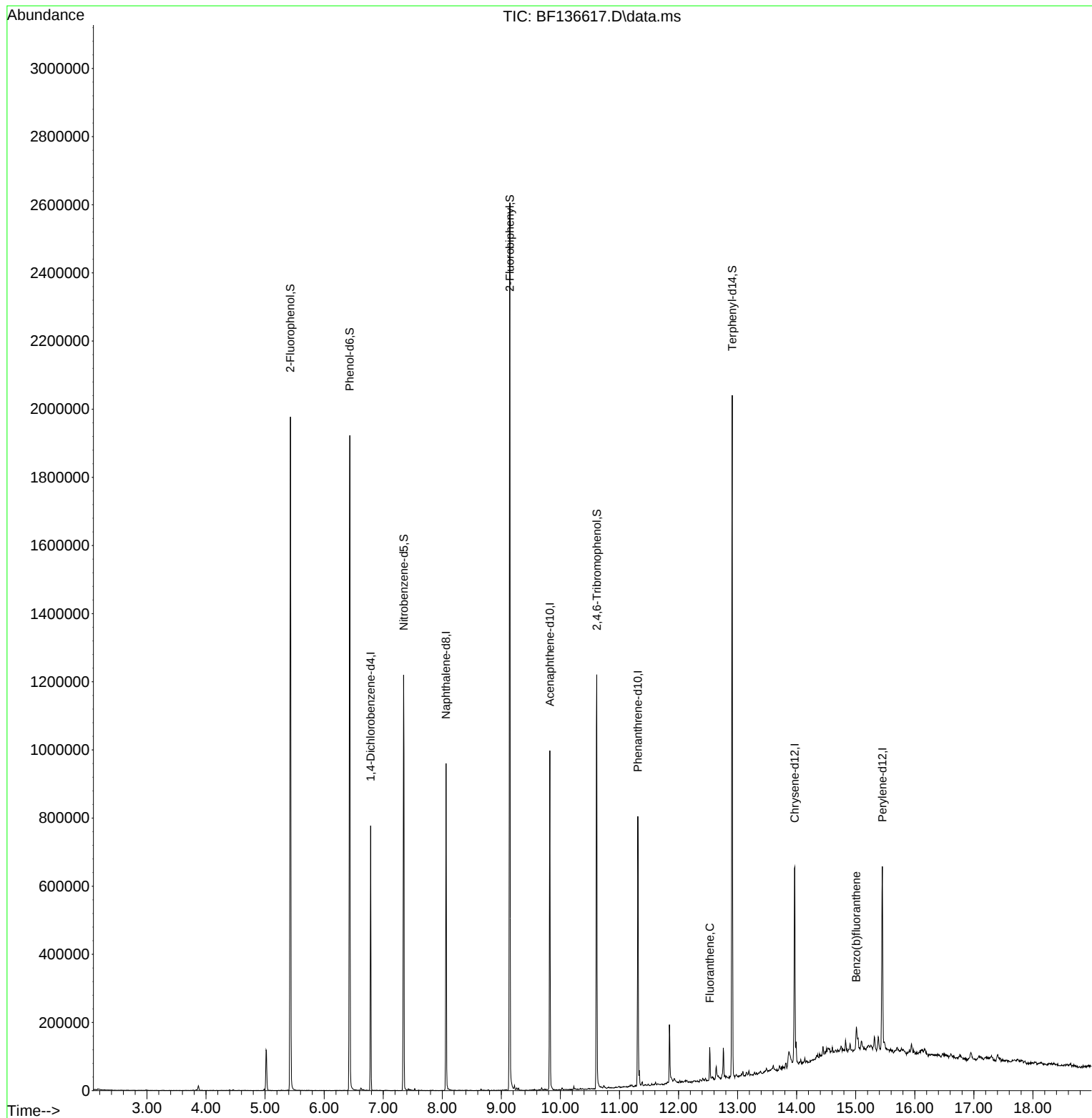
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136617.D
Acq On : 18 Dec 2023 16:34
Operator : CG\JU
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ALS Vial : 12 Sample Multiplier: 1

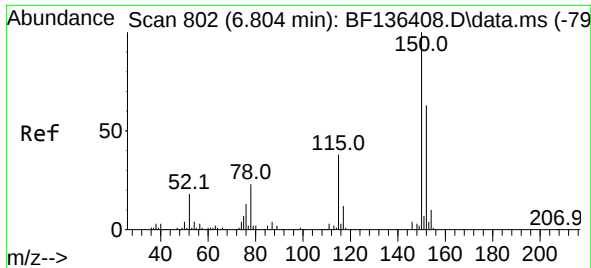
Instrument :
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Quant Time: Dec 18 17:37:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
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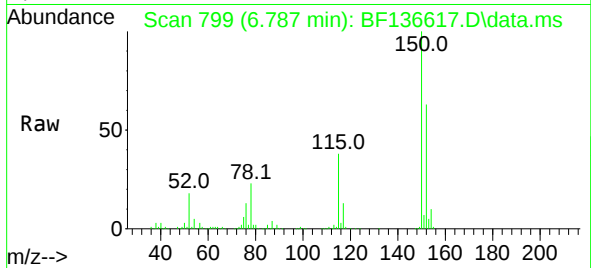
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF136617.D
Acq: 18 Dec 2023 16:34

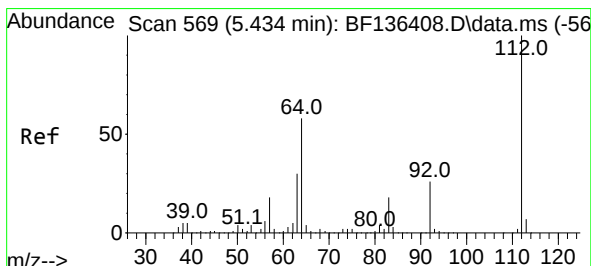
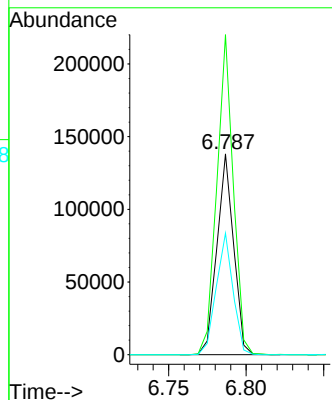
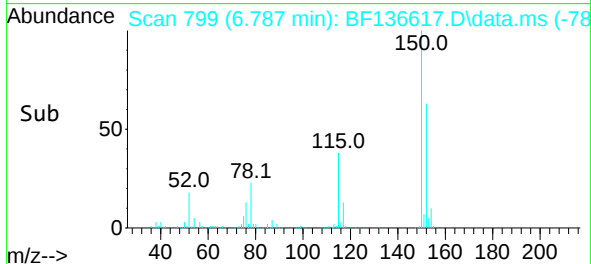
Instrument :
BNA_F
ClientSampleId :
351



Tgt Ion:152 Resp: 10380
Ion Ratio Lower Upper
152 100
150 159.4 126.4 189.6
115 60.5 48.2 72.4

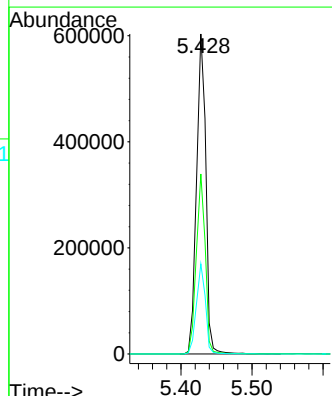
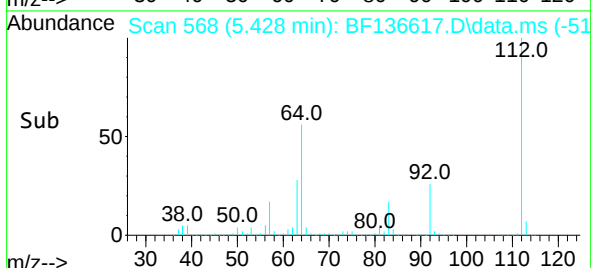
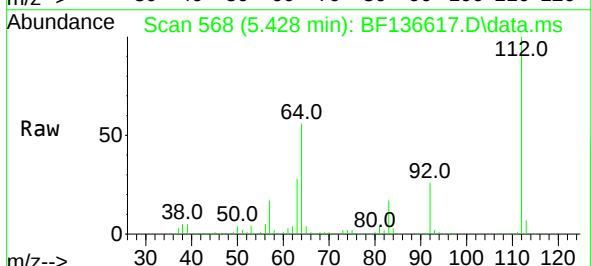
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#5
2-Fluorophenol
Concen: 78.493 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF136617.D
Acq: 18 Dec 2023 16:34

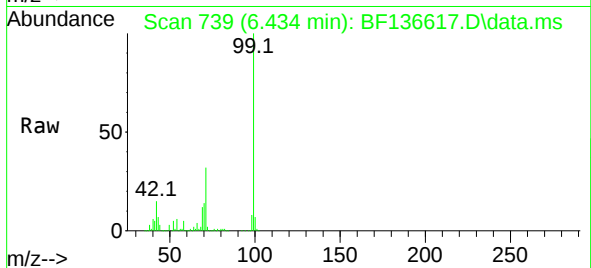
Tgt Ion:112 Resp: 551699
Ion Ratio Lower Upper
112 100
64 56.2 46.5 69.7
63 28.1 23.9 35.9





#7
Phenol-d6
Concen: 75.882 ng
RT: 6.434 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF136617.D
Acq: 18 Dec 2023 16:34

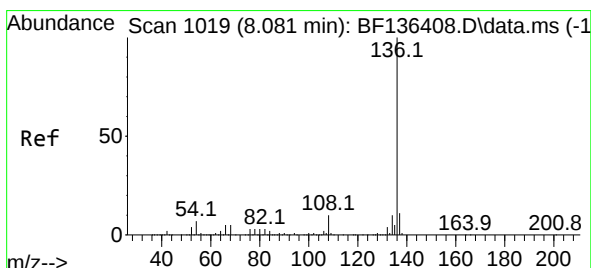
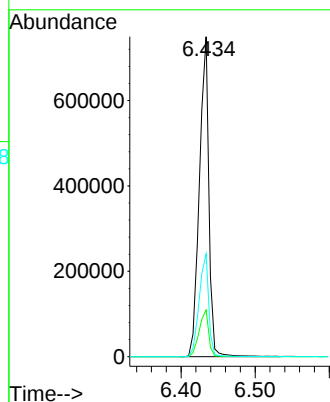
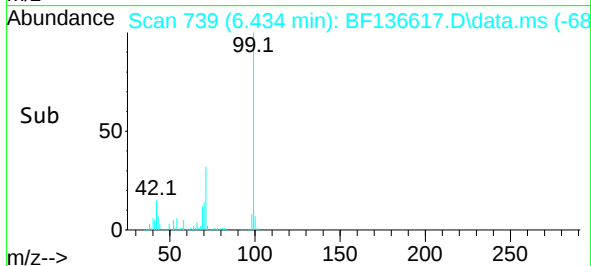
Instrument :
BNA_F
ClientSampleId :
351



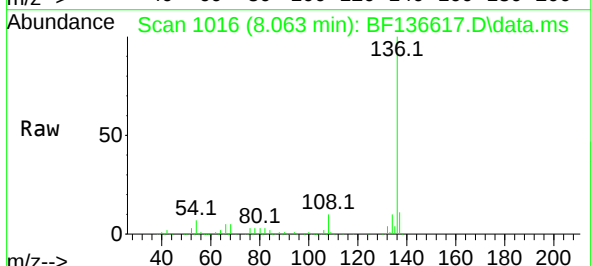
Tgt Ion: 99 Resp: 66543
Ion Ratio Lower Upper
99 100
42 14.6 12.8 19.2
71 32.2 27.0 40.4

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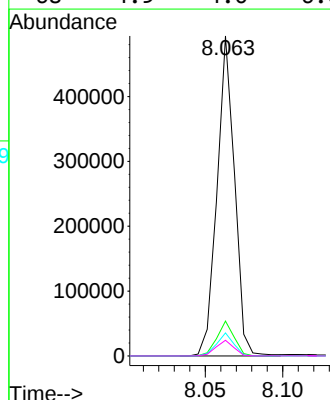
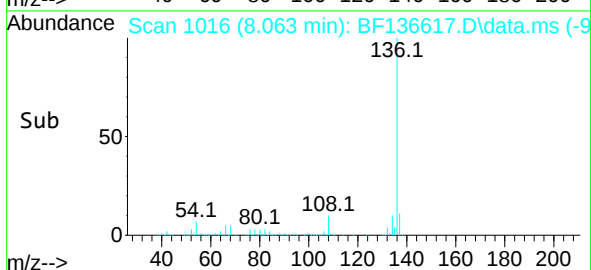
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136617.D
Acq: 18 Dec 2023 16:34



Tgt Ion:136 Resp: 387788
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.2 5.7 8.5
68 4.9 4.0 6.0





#23

Nitrobenzene-d5

Concen: 56.027 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136617.D

Acq: 18 Dec 2023 16:34

Instrument :

BNA_F

ClientSampleId :

351

Tgt Ion: 82 Resp: 401898

Ion Ratio Lower Upper

82 100

128 47.6 36.3 54.5

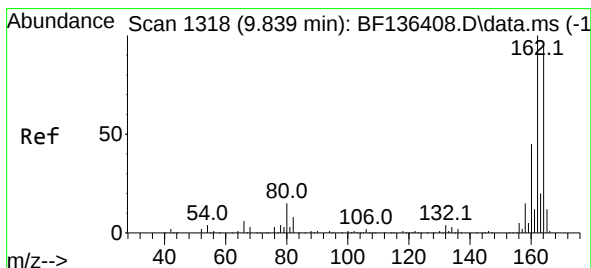
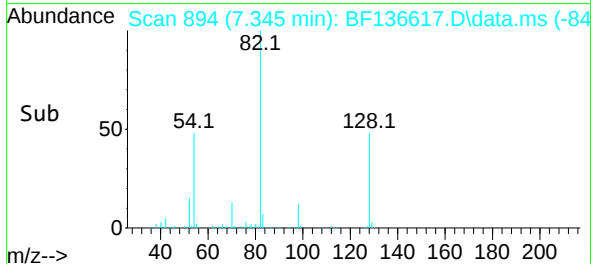
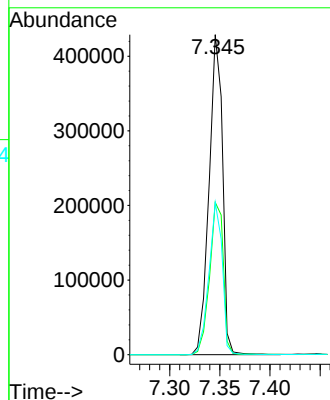
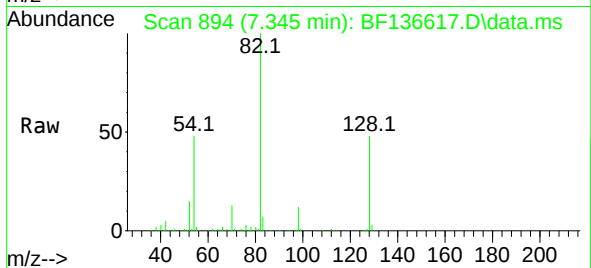
54 47.5 39.0 58.6

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF136617.D

Acq: 18 Dec 2023 16:34

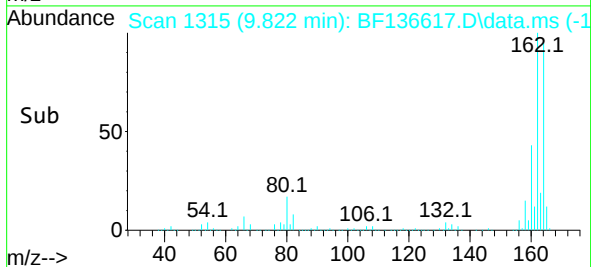
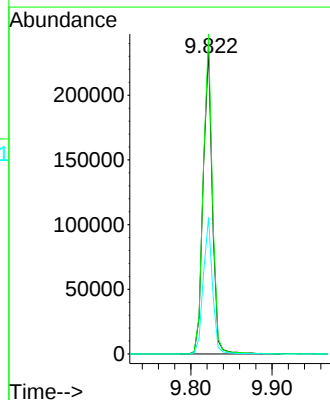
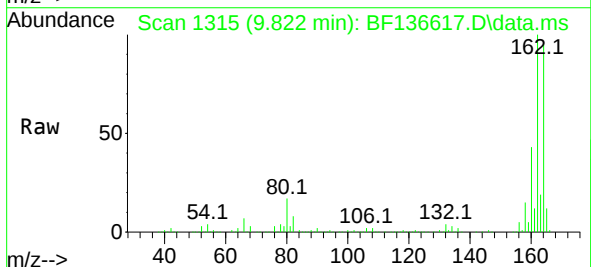
Tgt Ion:164 Resp: 185854

Ion Ratio Lower Upper

164 100

162 105.1 84.4 126.6

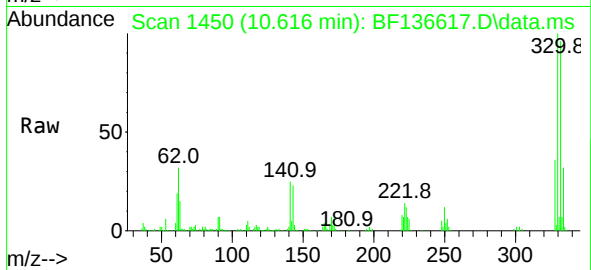
160 44.8 37.6 56.4





#42
2,4,6-Tribromophenol
Concen: 71.287 ng
RT: 10.616 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136617.D
Acq: 18 Dec 2023 16:34

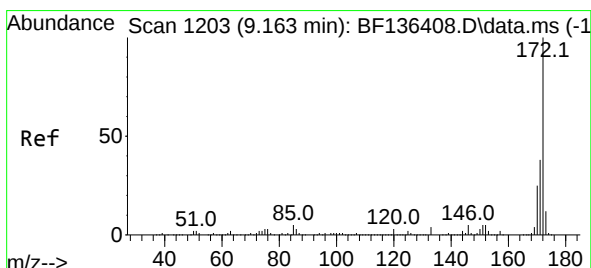
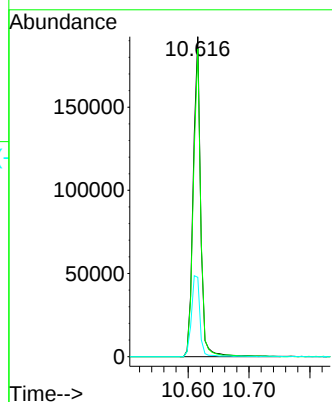
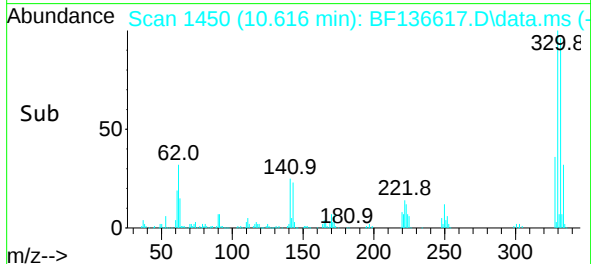
Instrument :
BNA_F
ClientSampleId :
351



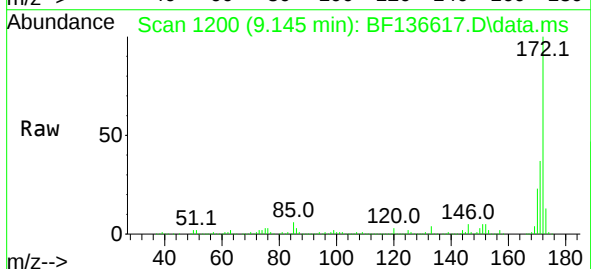
Tgt Ion: 330 Resp: 163360
Ion Ratio Lower Upper
330 100
332 95.9 76.4 114.6
141 28.9 23.4 35.2

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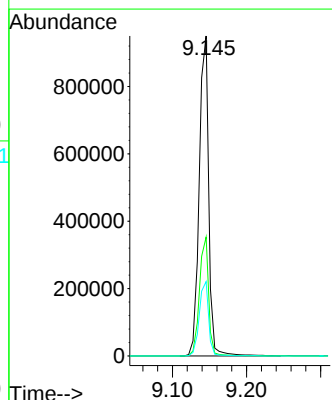
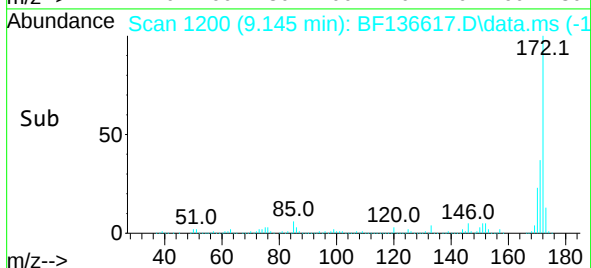
Reviewed By : Yogesh Patel 12/19/2023
Supervised By : mohammad ahmed 12/19/2023



#45
2-Fluorobiphenyl
Concen: 61.850 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF136617.D
Acq: 18 Dec 2023 16:34



Tgt Ion: 172 Resp: 842433
Ion Ratio Lower Upper
172 100
171 37.2 30.5 45.7
170 23.3 19.9 29.9





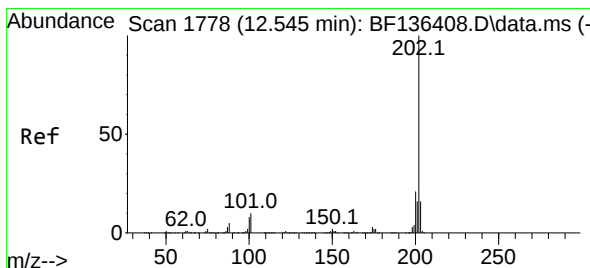
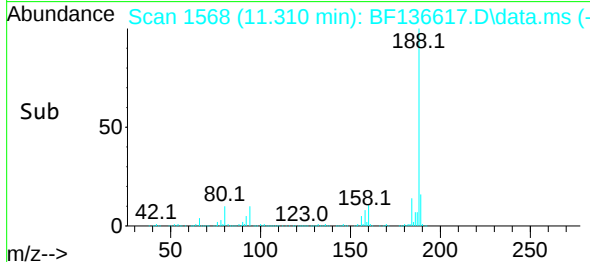
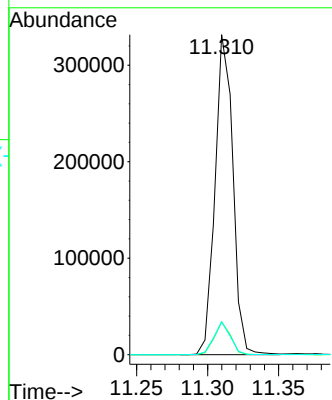
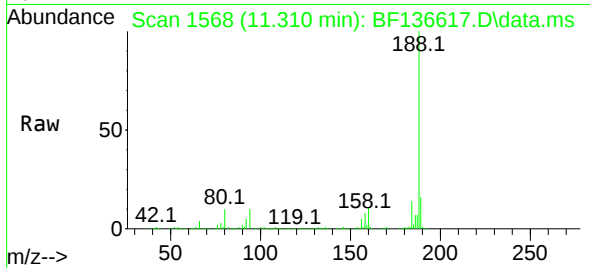
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136617.D
Acq: 18 Dec 2023 16:34

Instrument :
BNA_F
ClientSampleId :
351

Tgt Ion:188 Resp: 28904
Ion Ratio Lower Upper
188 100
94 10.3 7.2 10.8
80 10.3 7.2 10.8

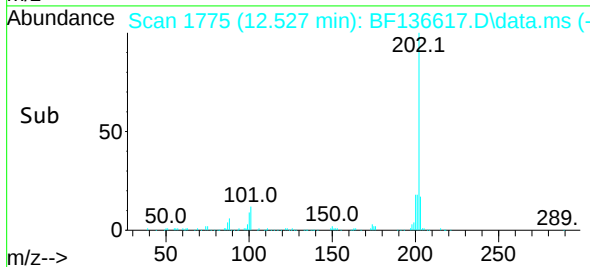
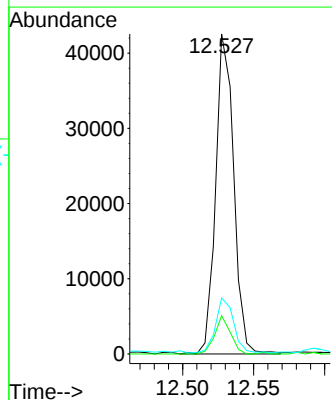
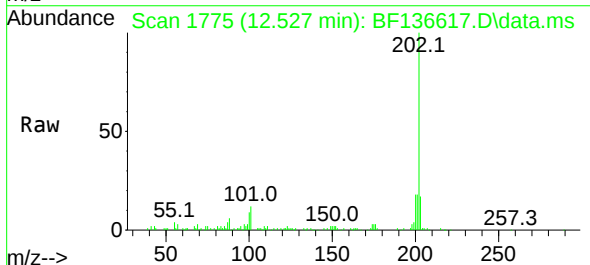
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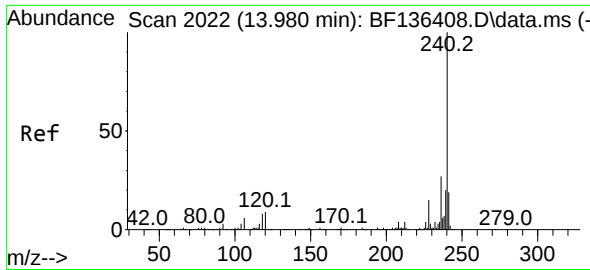
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#75
Fluoranthene
Concen: 2.256 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF136617.D
Acq: 18 Dec 2023 16:34

Tgt Ion:202 Resp: 37566
Ion Ratio Lower Upper
202 100
101 12.0 0.0 29.9
203 17.5 0.0 36.3





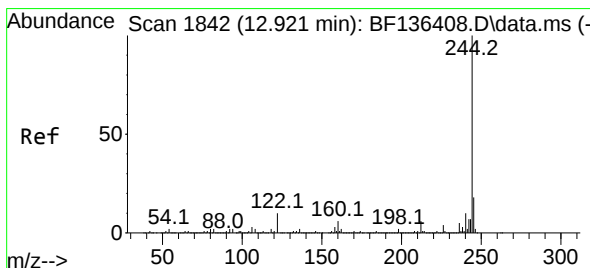
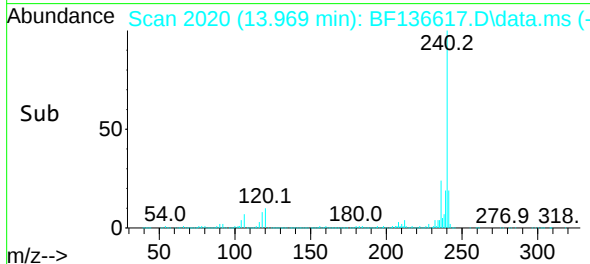
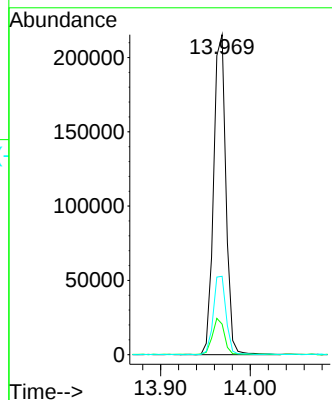
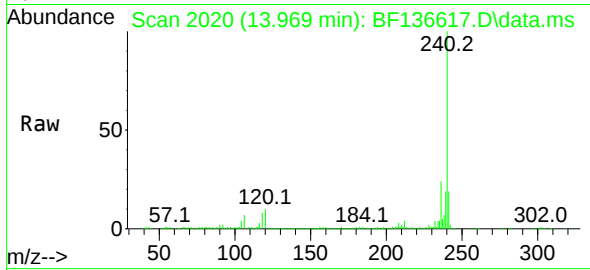
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Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 20561
Delta R.T. 0.000 min
Lab File: BF136617.D
Acq: 18 Dec 2023 16:34

Instrument :
BNA_F
ClientSampleId :
351

Tgt Ion:240 Resp: 20561
Ion Ratio Lower Upper
240 100
120 9.5 7.3 10.9
236 24.5 21.3 31.9

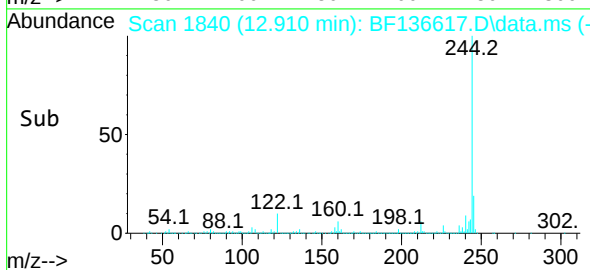
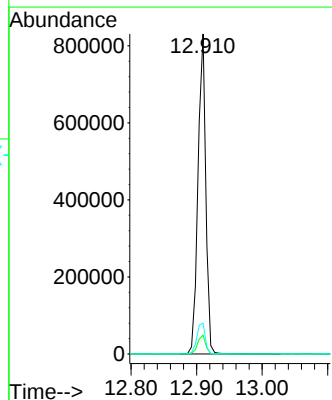
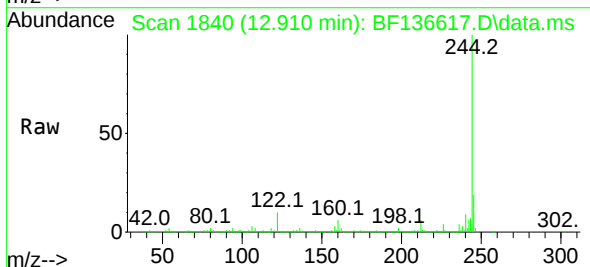
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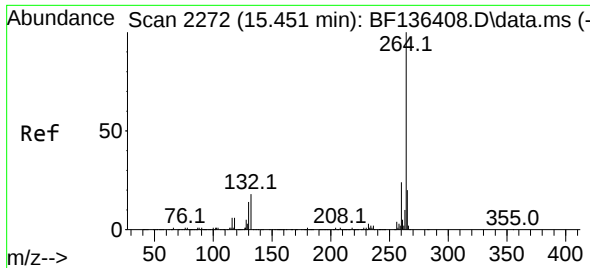
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#79
Terphenyl-d14
Concen: 44.038 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF136617.D
Acq: 18 Dec 2023 16:34

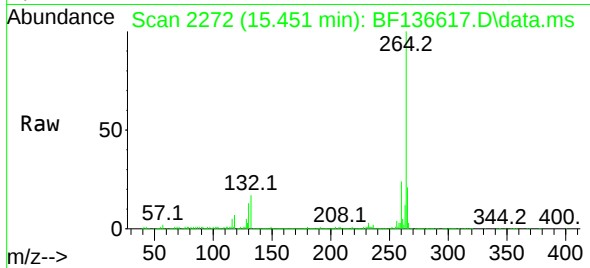
Tgt Ion:244 Resp: 686983
Ion Ratio Lower Upper
244 100
212 5.9 5.0 7.4
122 9.6 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2112
Delta R.T. 0.012 min
Lab File: BF136617.D
Acq: 18 Dec 2023 16:34

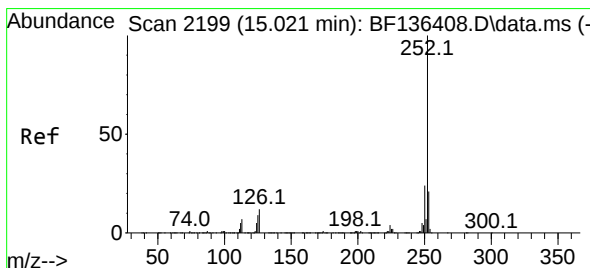
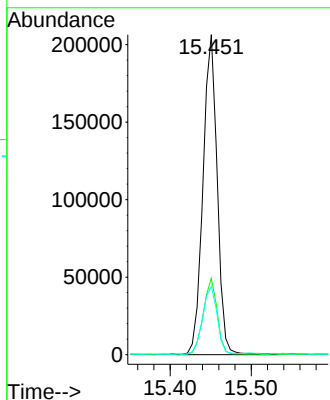
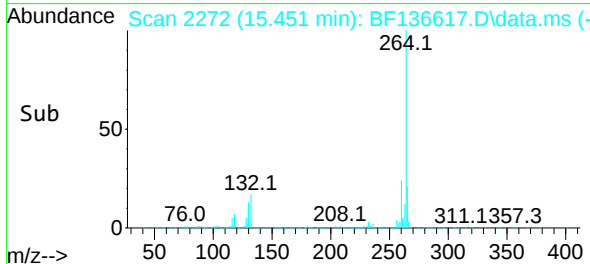
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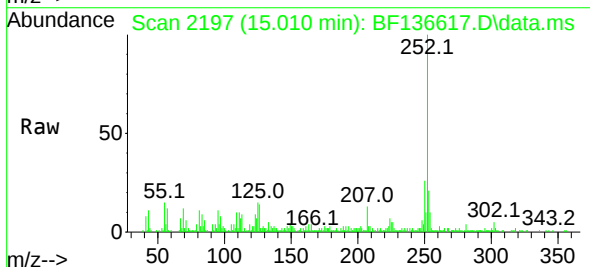
Tgt Ion:264 Resp: 251128
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.3 15.9 23.9

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#88
Benzo(b)fluoranthene
Concen: 2.021 ng m
RT: 15.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF136617.D
Acq: 18 Dec 2023 16:34



Tgt Ion:252 Resp: 34706
Ion Ratio Lower Upper
252 100
253 21.4 16.9 25.3
125 15.1 7.4 11.2#

