

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
 Data File : BF136970.D
 Acq On : 05 Jan 2024 12:13
 Operator : CG\JU
 Sample : P1005-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200030

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/06/2024
 Supervised By :mohammad ahmed 01/06/2024

Quant Time: Jan 05 12:50:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	59772	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	219440	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	111588	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	208816	20.000	ng	0.00
76) Chrysene-d12	13.969	240	140499	20.000	ng	0.00
86) Perylene-d12	15.457	264	138700	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	458849	119.778	ng	0.01
7) Phenol-d6	6.440	99	572591	115.352	ng	0.00
23) Nitrobenzene-d5	7.345	82	362771	84.594	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	154589	117.630	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	696905	83.999	ng	-0.01
79) Terphenyl-d14	12.910	244	680109	67.647	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	24378	2.275	ng	95
75) Fluoranthene	12.527	202	52899	4.616	ng	97
78) Pyrene	12.763	202	43978	3.189	ng	98
81) Benzo(a)anthracene	13.957	228	21851m	2.240	ng	
83) Chrysene	13.992	228	21272	2.230	ng	96
88) Benzo(b)fluoranthene	15.021	252	25607m	2.764	ng	
90) Benzo(a)pyrene	15.392	252	17100	2.187	ng	98

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

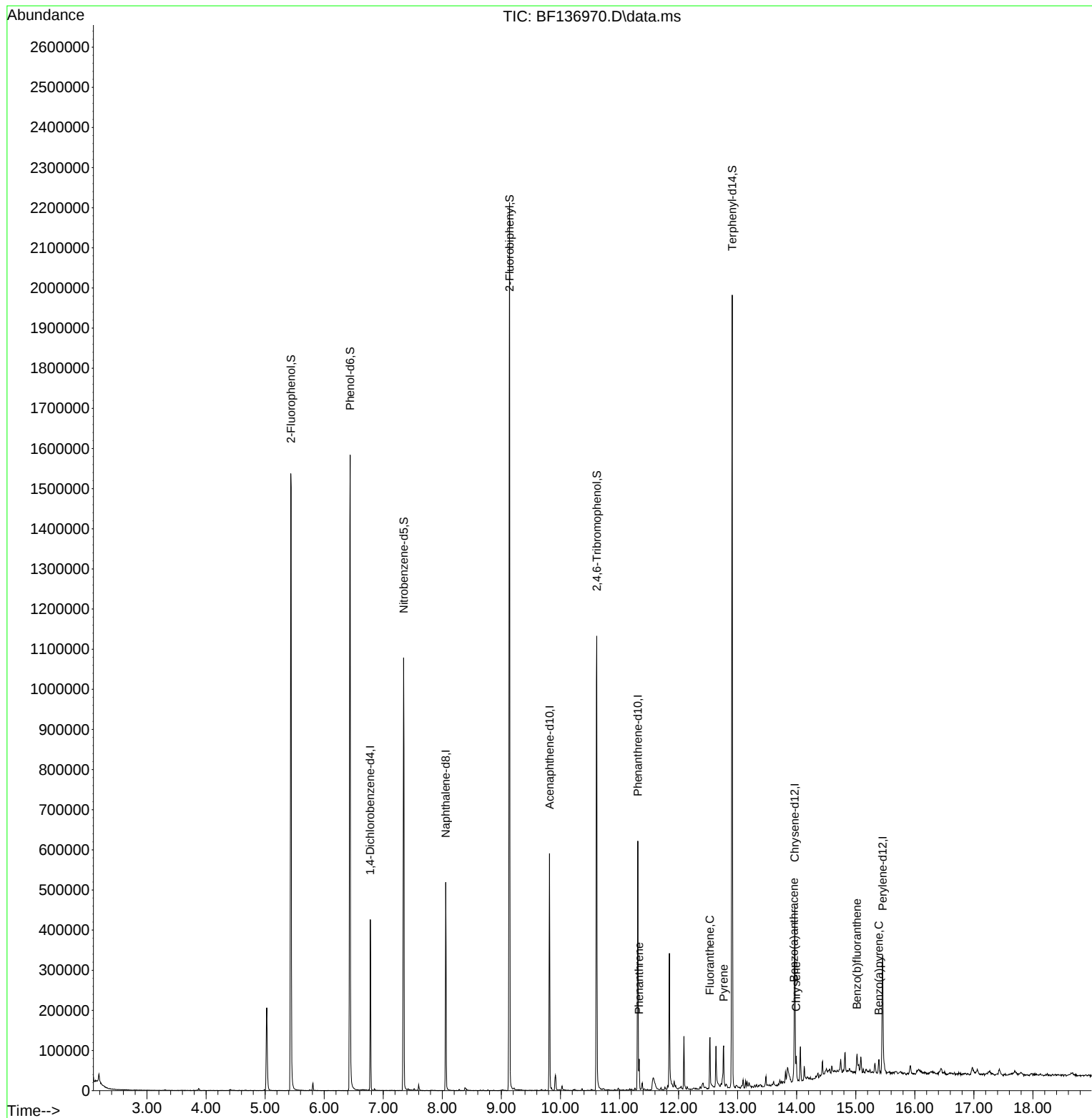
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136970.D
Acq On : 05 Jan 2024 12:13
Operator : CG\JU
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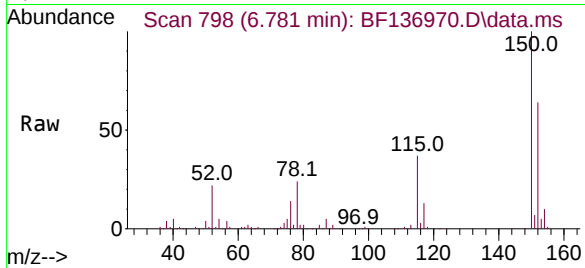
Quant Time: Jan 05 12:50:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136970.D
Acq: 05 Jan 2024 12:13

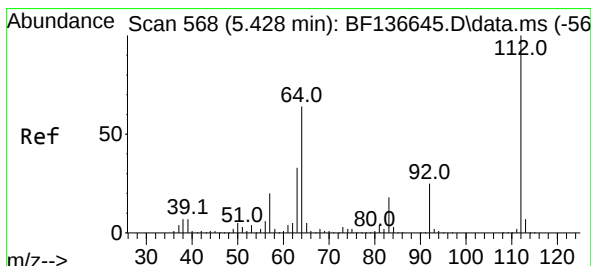
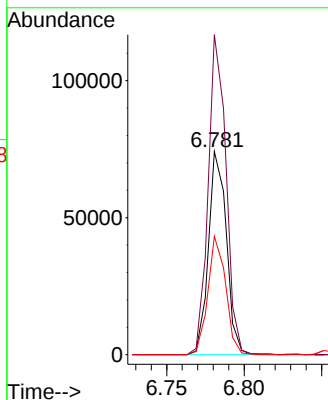
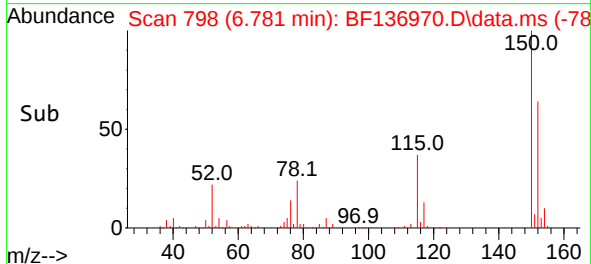
Instrument :
BNA_F
ClientSampleId :
RBR200030



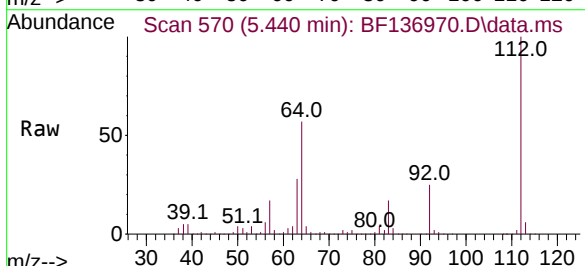
Tgt Ion:152 Resp: 59772
Ion Ratio Lower Upper
152 100
150 157.5 127.0 190.6
115 58.3 49.0 73.4

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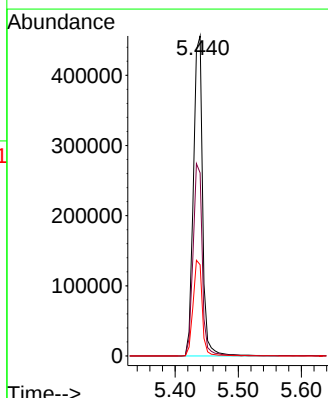
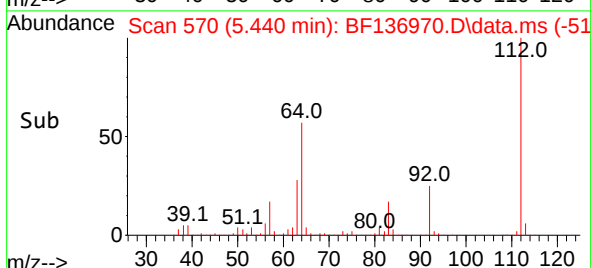
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

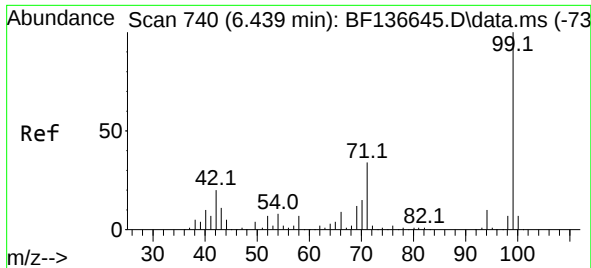


#5
2-Fluorophenol
Concen: 119.778 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF136970.D
Acq: 05 Jan 2024 12:13



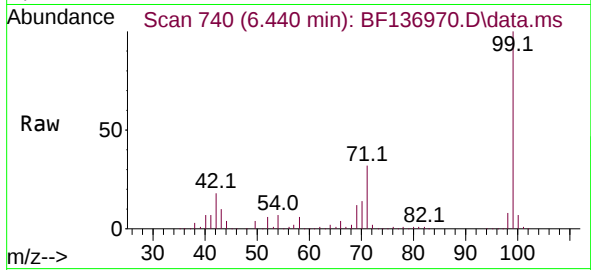
Tgt Ion:112 Resp: 458849
Ion Ratio Lower Upper
112 100
64 57.2 51.1 76.7
63 28.5 26.1 39.1





#7
Phenol-d6
Concen: 115.352 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136970.D
Acq: 05 Jan 2024 12:13

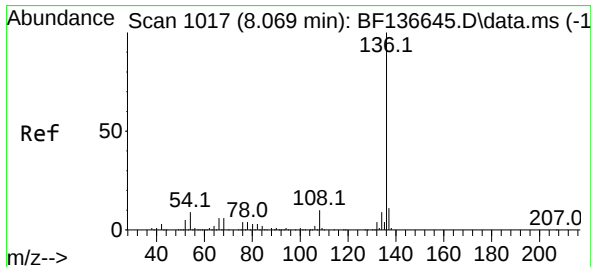
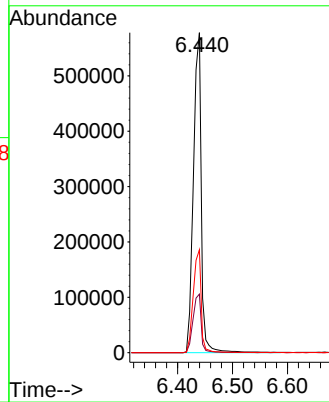
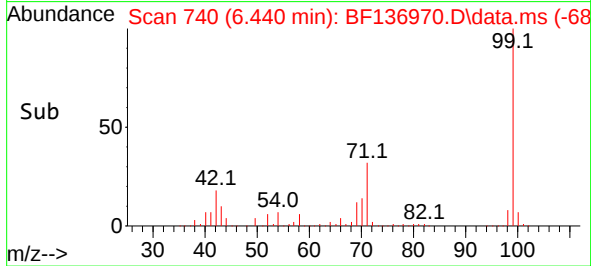
Instrument :
BNA_F
ClientSampleId :
RBR200030



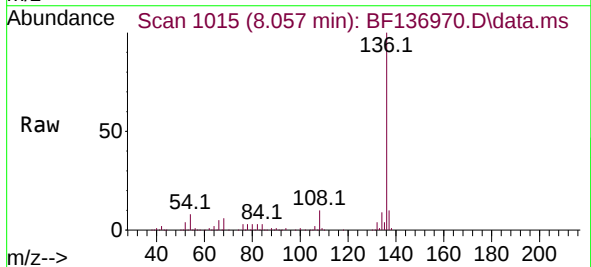
Tgt Ion: 99 Resp: 57259
Ion Ratio Lower Upper
99 100
42 18.3 16.1 24.1
71 32.1 27.4 41.2

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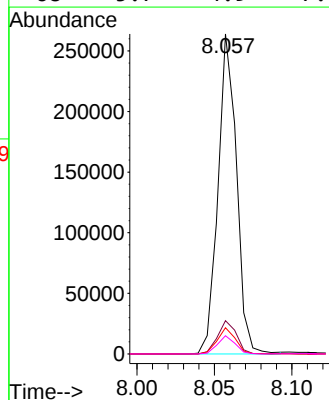
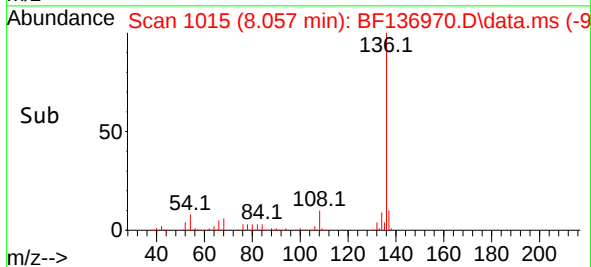
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

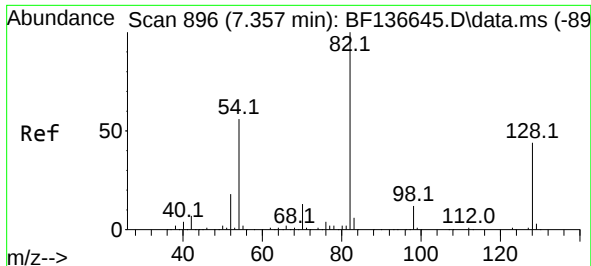


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136970.D
Acq: 05 Jan 2024 12:13



Tgt Ion:136 Resp: 219440
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 8.2 7.2 10.8
68 5.7 4.9 7.3





#23

Nitrobenzene-d5

Concen: 84.594 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136970.D

Acq: 05 Jan 2024 12:13

Instrument :

BNA_F

ClientSampleId :

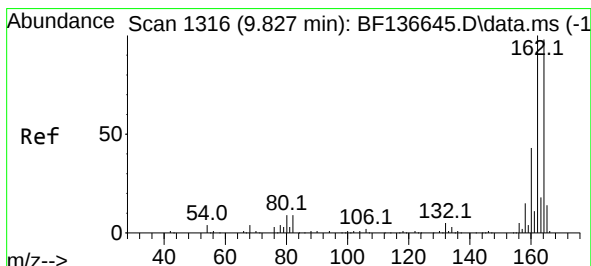
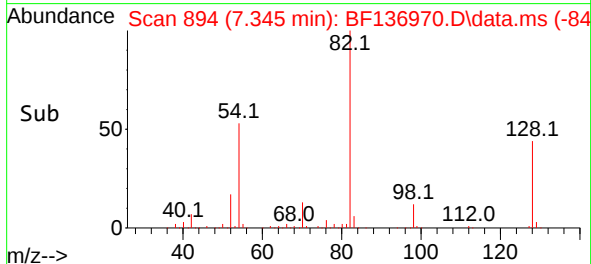
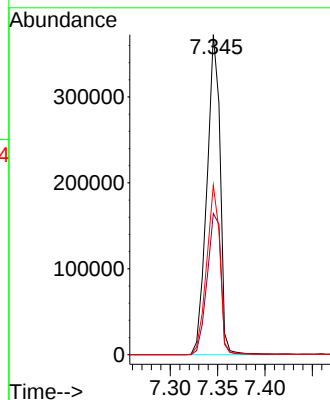
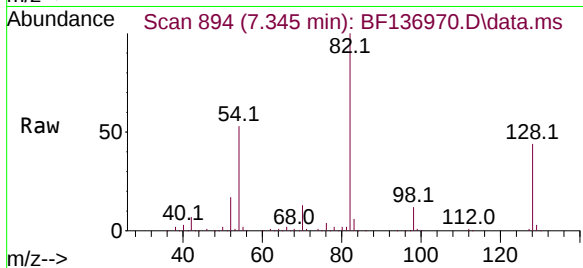
RBR200030

Tgt Ion: 82 Resp: 362777
 Ion Ratio Lower Upper
 82 100
 128 44.1 35.3 52.9
 54 53.0 44.5 66.7

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 Supervised By :mohammad ahmed 01/06/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

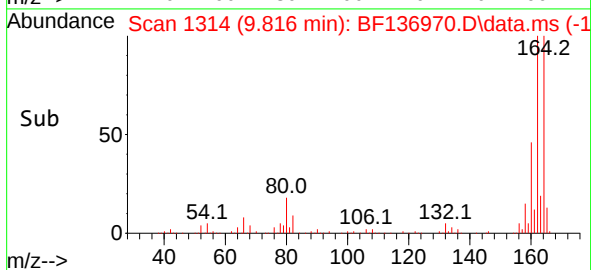
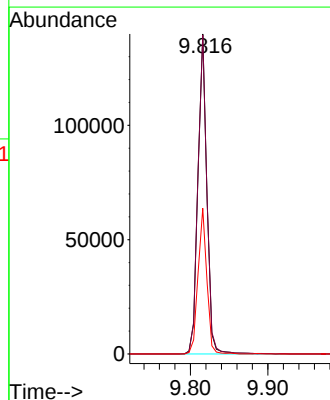
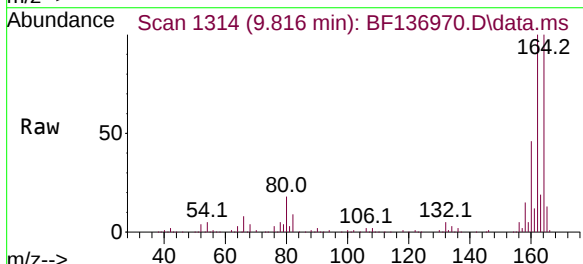
RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF136970.D

Acq: 05 Jan 2024 12:13

Tgt Ion:164 Resp: 111588
 Ion Ratio Lower Upper
 164 100
 162 99.7 81.6 122.4
 160 45.5 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 117.630 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF136970.D
Acq: 05 Jan 2024 12:13

Instrument :

BNA_F

ClientSampleId :

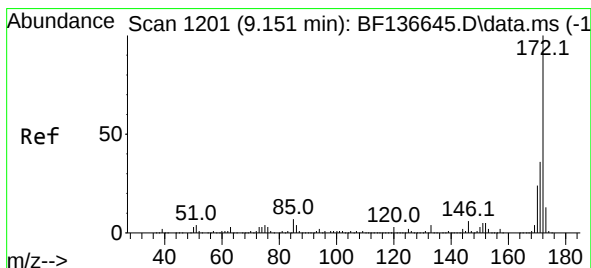
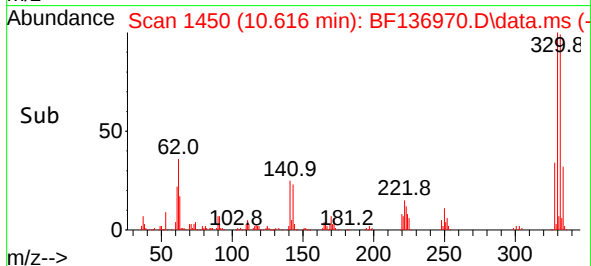
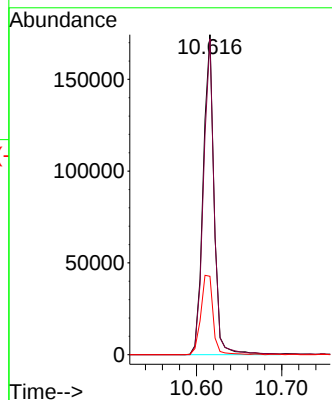
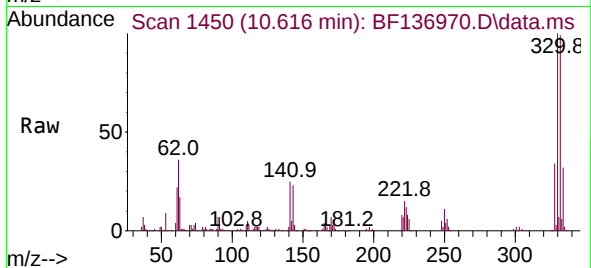
RBR200030

Tgt Ion:330 Resp: 154589
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 27.8 23.4 35.2

Manual Integrations

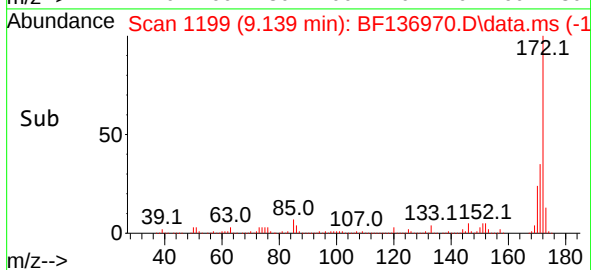
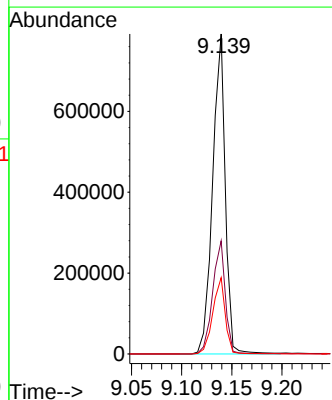
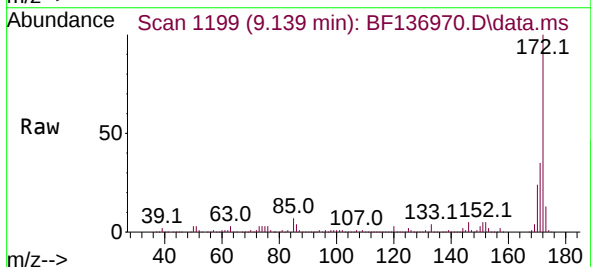
APPROVED

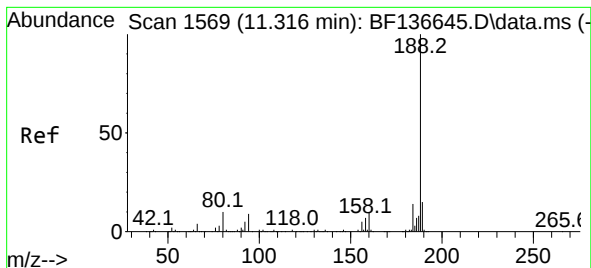
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#45
2-Fluorobiphenyl
Concen: 83.999 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136970.D
Acq: 05 Jan 2024 12:13

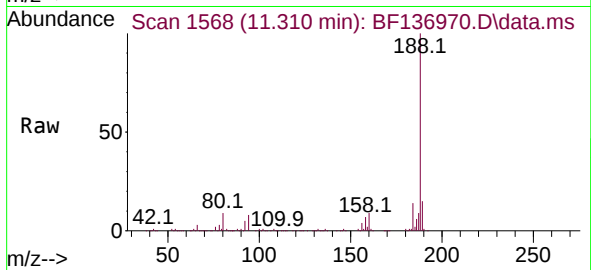
Tgt Ion:172 Resp: 696905
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 23.9 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136970.D
Acq: 05 Jan 2024 12:13

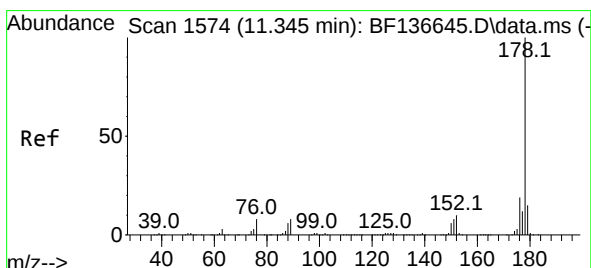
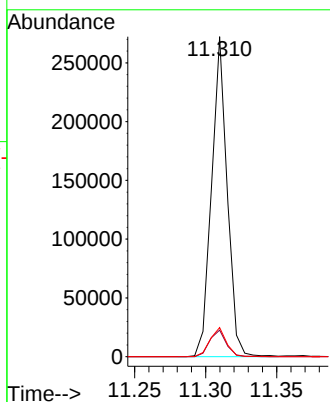
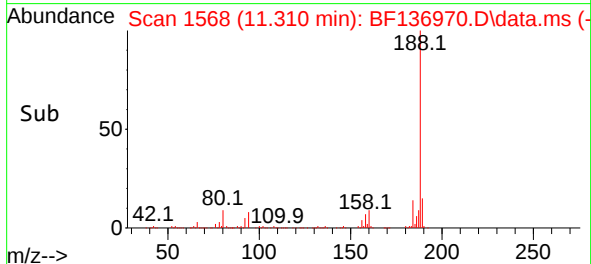
Instrument :
BNA_F
ClientSampleId :
RBR200030



Tgt Ion:188 Resp: 208810
Ion Ratio Lower Upper
188 100
94 8.3 7.5 11.3
80 9.1 8.1 12.1

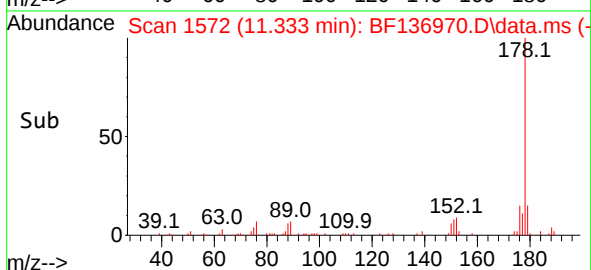
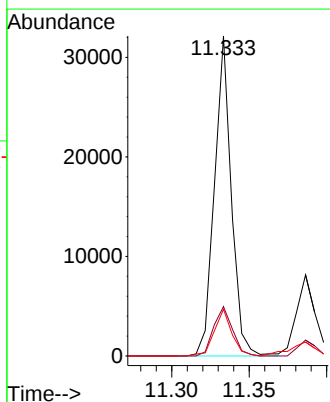
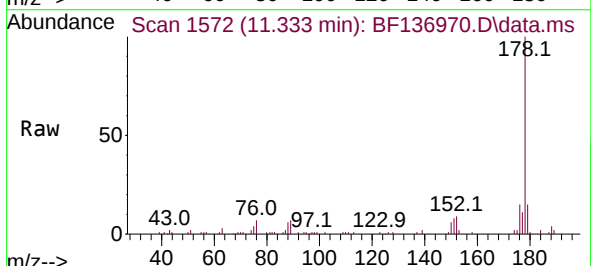
Manual Integrations
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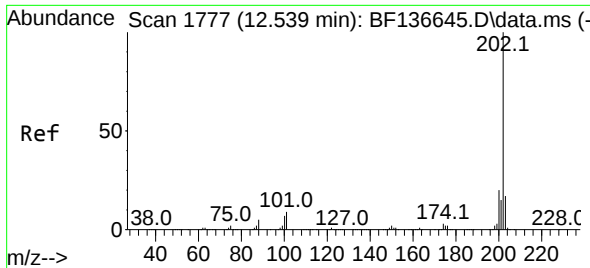
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#71
Phenanthrene
Concen: 2.275 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF136970.D
Acq: 05 Jan 2024 12:13

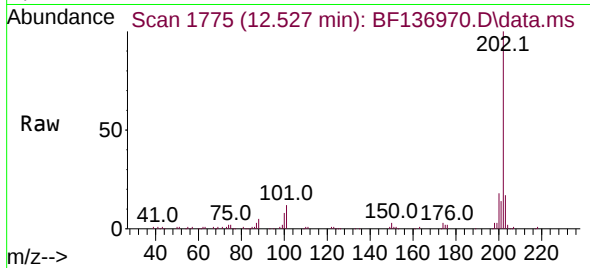
Tgt Ion:178 Resp: 24378
Ion Ratio Lower Upper
178 100
176 15.4 15.3 22.9
179 14.6 11.9 17.9





#75
Fluoranthene
Concen: 4.616 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF136970.D
Acq: 05 Jan 2024 12:13

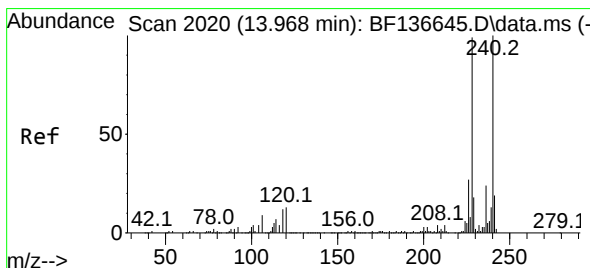
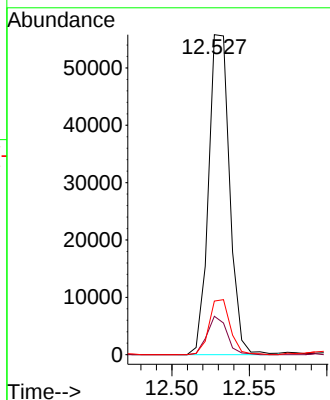
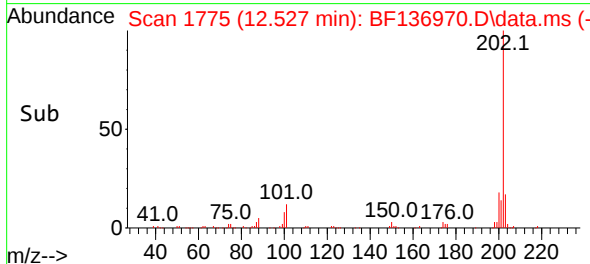
Instrument :
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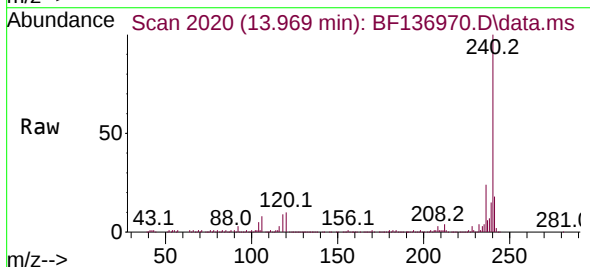
Tgt Ion:202 Resp: 5289
Ion Ratio Lower Upper
202 100
101 12.0 0.0 29.3
203 16.8 0.0 37.1

Manual Integrations
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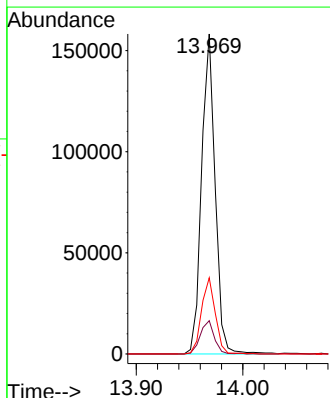
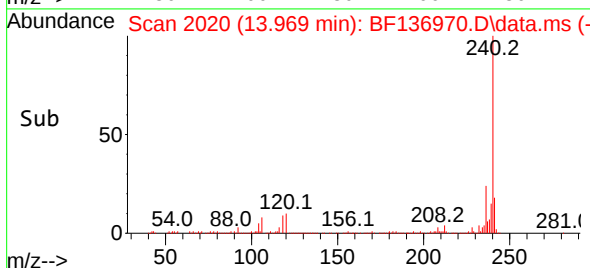
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

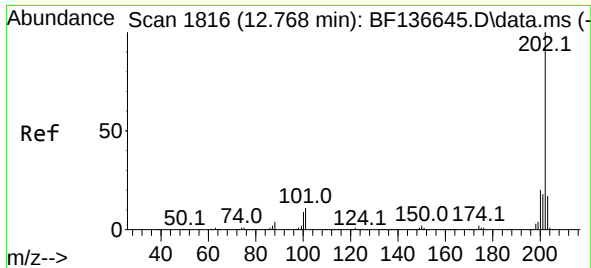


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136970.D
Acq: 05 Jan 2024 12:13



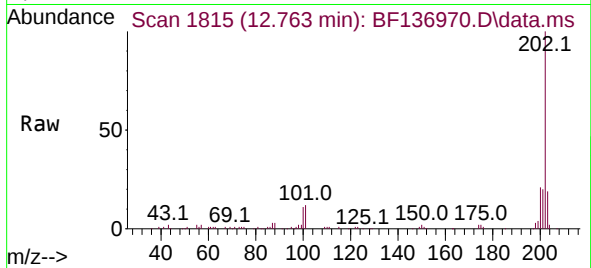
Tgt Ion:240 Resp: 140499
Ion Ratio Lower Upper
240 100
120 10.4 10.3 15.5
236 23.8 19.4 29.2





#78
Pyrene
Concen: 3.189 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136970.D
Acq: 05 Jan 2024 12:13

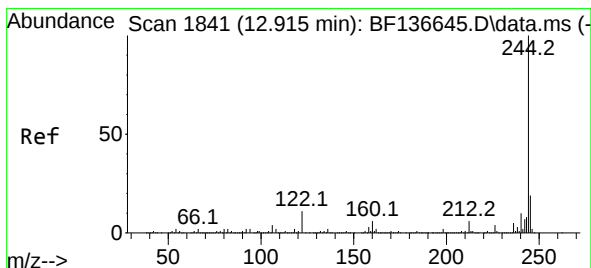
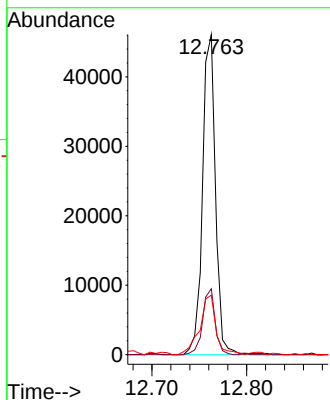
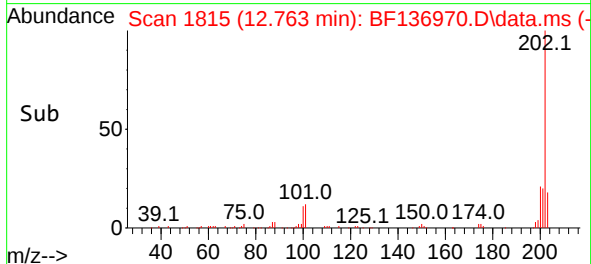
Instrument :
BNA_F
ClientSampleId :
RBR200030



Tgt Ion:202 Resp: 43978
Ion Ratio Lower Upper
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200 20.6 15.9 23.9
203 18.6 13.8 20.6

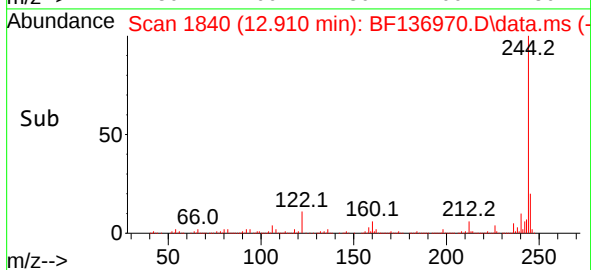
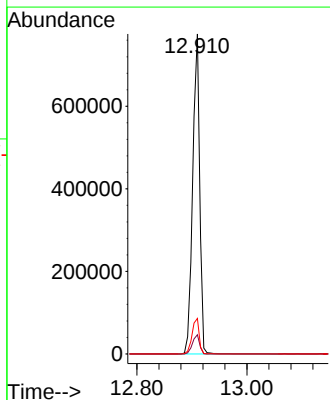
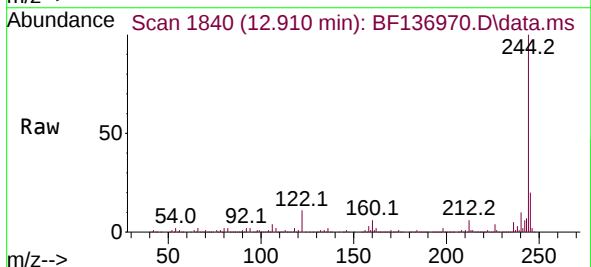
Manual Integrations
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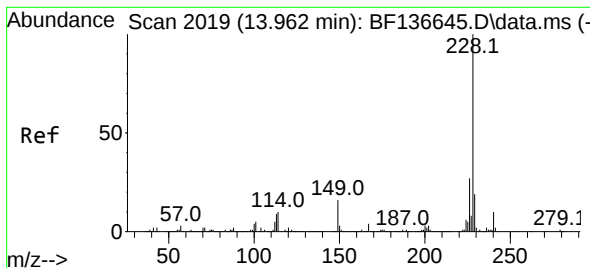
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024



#79
Terphenyl-d14
Concen: 67.647 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF136970.D
Acq: 05 Jan 2024 12:13

Tgt Ion:244 Resp: 680109
Ion Ratio Lower Upper
244 100
212 6.0 5.0 7.4
122 11.1 9.0 13.4





#81

Benzo(a)anthracene

Concen: 2.240 ng m

RT: 13.957 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136970.D

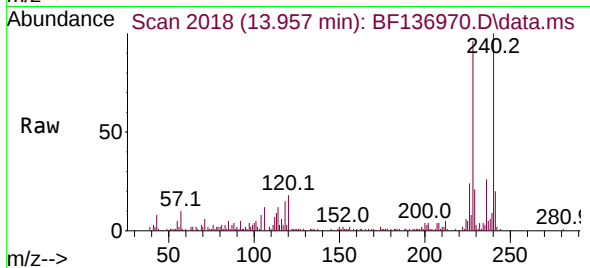
Acq: 05 Jan 2024 12:13

Instrument :

BNA_F

ClientSampleId :

RBR200030



Tgt Ion:228 Resp: 2185

Ion Ratio Lower Upper

228 100

226 25.0 21.4 32.0

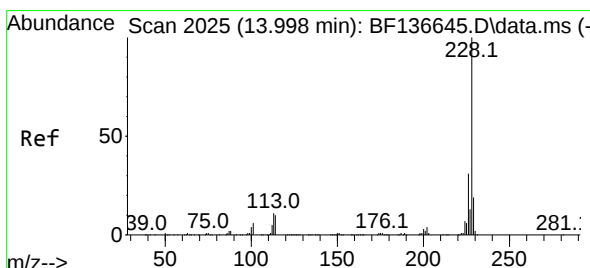
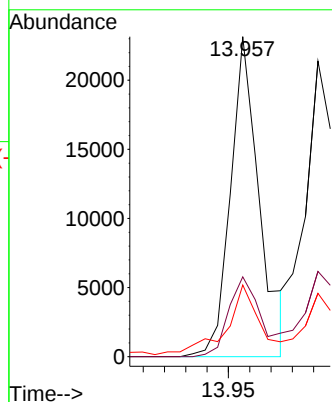
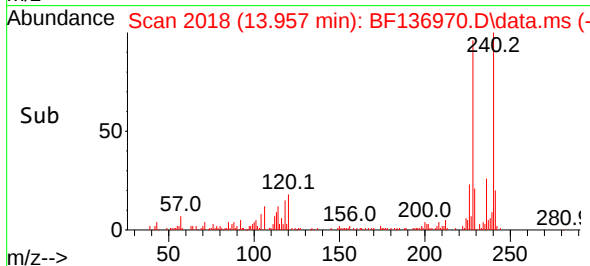
229 22.4 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#83

Chrysene

Concen: 2.230 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF136970.D

Acq: 05 Jan 2024 12:13

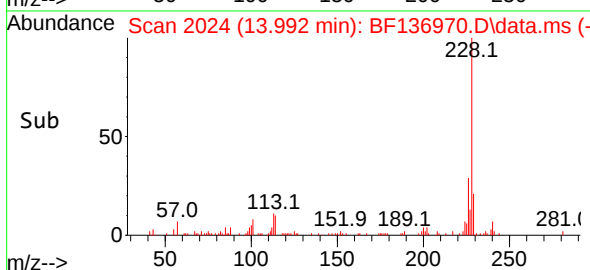
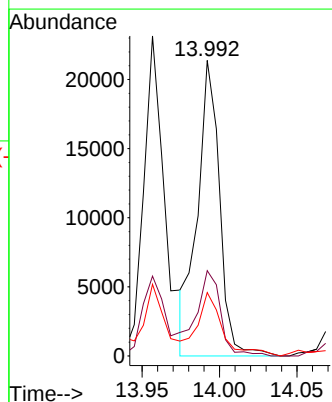
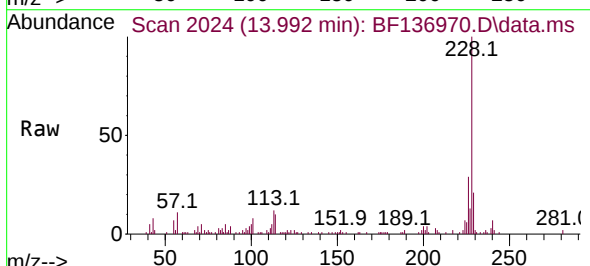
Tgt Ion:228 Resp: 21272

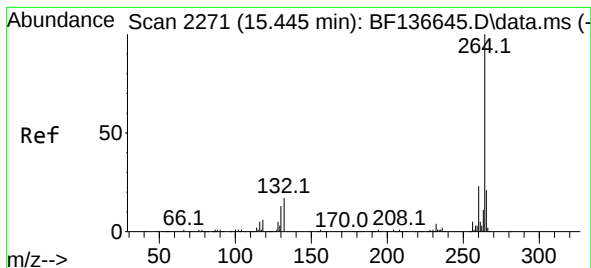
Ion Ratio Lower Upper

228 100

226 28.9 24.7 37.1

229 21.4 15.4 23.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BF136970.D

Acq: 05 Jan 2024 12:13

Instrument :

BNA_F

ClientSampleId :

RBR200030

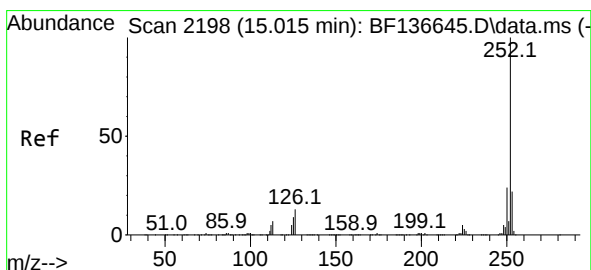
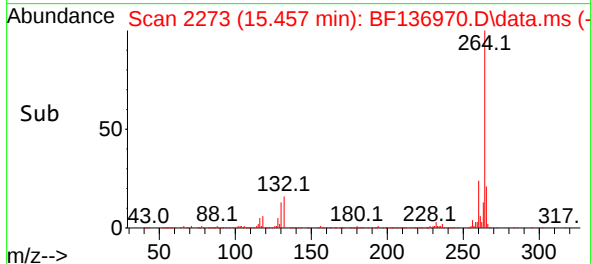
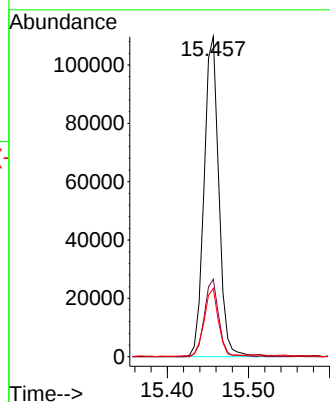
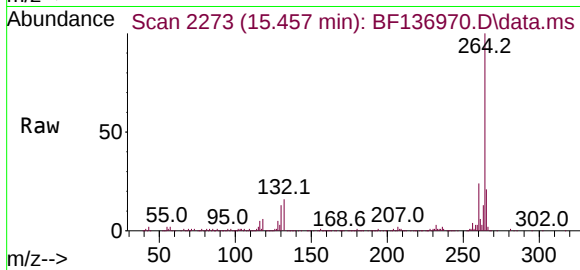
Tgt Ion:264 Resp: 138700
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.3 27.5
 265 21.4 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024



#88

Benzo(b)fluoranthene

Concen: 2.764 ng m

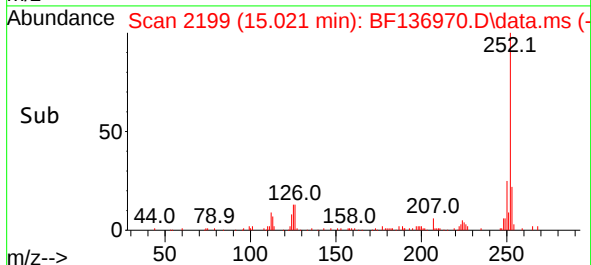
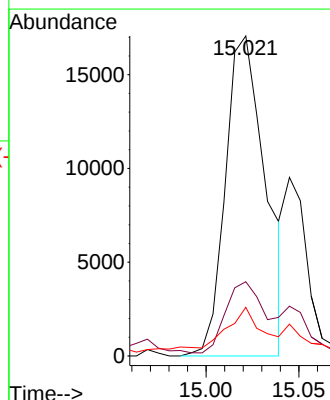
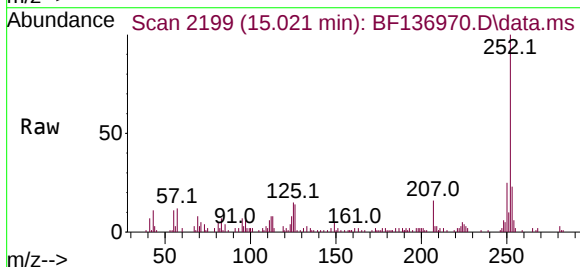
RT: 15.021 min Scan# 2199

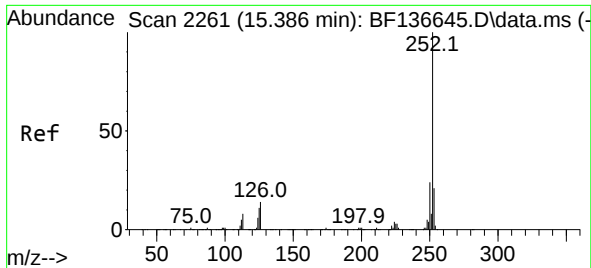
Delta R.T. 0.006 min

Lab File: BF136970.D

Acq: 05 Jan 2024 12:13

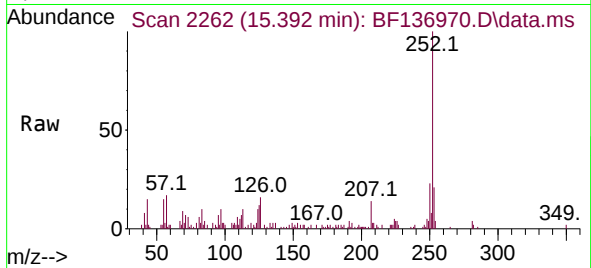
Tgt Ion:252 Resp: 25607
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.4 26.0
 125 15.2 7.4 11.2#





#90
Benzo(a)pyrene
Concen: 2.187 ng
RT: 15.392 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136970.D
Acq: 05 Jan 2024 12:13

Instrument :
BNA_F
ClientSampleId :
RBR200030



Tgt Ion:252 Resp: 17100
Ion Ratio Lower Upper
252 100
253 20.6 17.0 25.6
125 11.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

