

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134139.D
 Acq On : 07 Jul 2023 15:50
 Operator : CG\JU
 Sample : 03392-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SRY-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2023
 Supervised By :mohammad ahmed 07/09/2023

Quant Time: Jul 07 23:05:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	111646	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	404534	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	175991	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	280242	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	202665	20.000	ng	-0.01
86) Perylene-d12	15.551	264	161827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	589926	88.387	ng	0.00
7) Phenol-d6	6.487	99	685246	83.484	ng	0.00
23) Nitrobenzene-d5	7.410	82	456558	60.838	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	160126	72.568	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	820290	67.766	ng	0.00
79) Terphenyl-d14	12.975	244	672220	53.383	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.598	202	82549	5.412	ng	99
78) Pyrene	12.827	202	77845	4.127	ng	98
81) Benzo(a)anthracene	14.027	228	53375	3.798	ng	98
83) Chrysene	14.063	228	47073	3.458	ng	98
88) Benzo(b)fluoranthene	15.104	252	56380m	5.925	ng	
90) Benzo(a)pyrene	15.480	252	31701	3.445	ng	# 81
92) Benzo(g,h,i)perylene	17.562	276	18996	2.008	ng	# 93

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

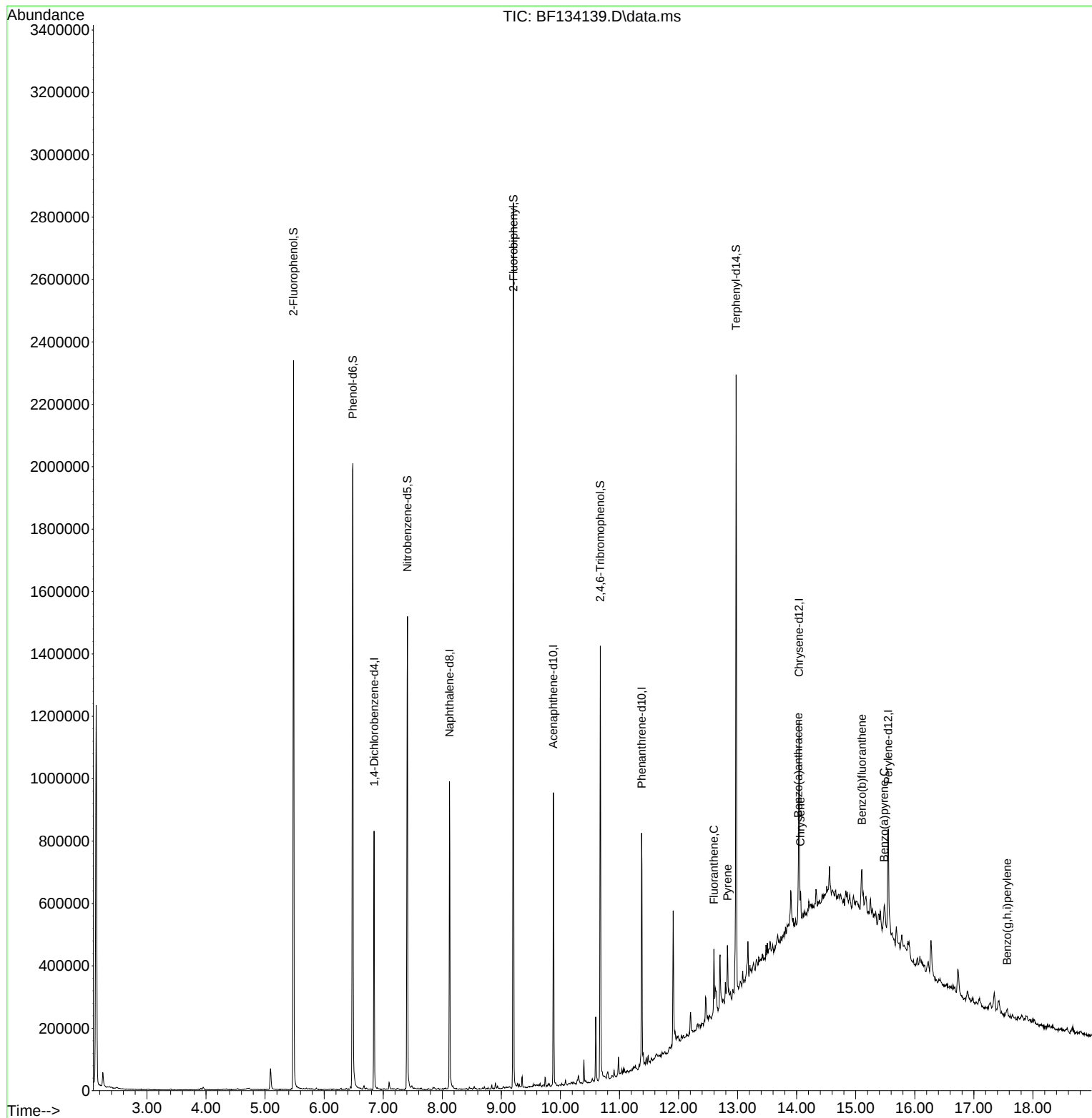
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
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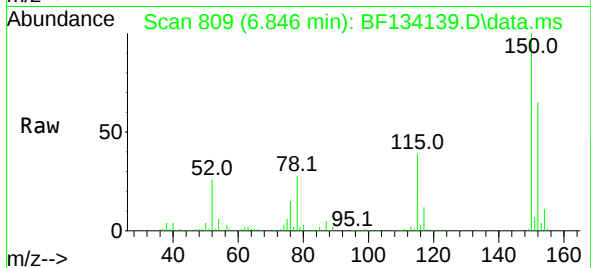
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 809
Delta R.T. -0.005 min
Lab File: BF134139.D
Acq: 07 Jul 2023 15:50

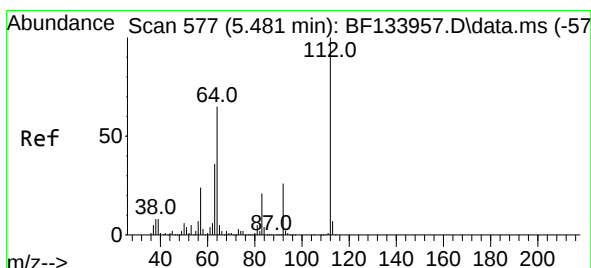
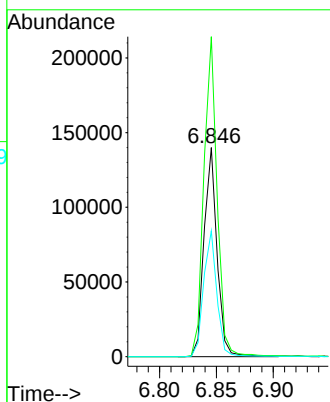
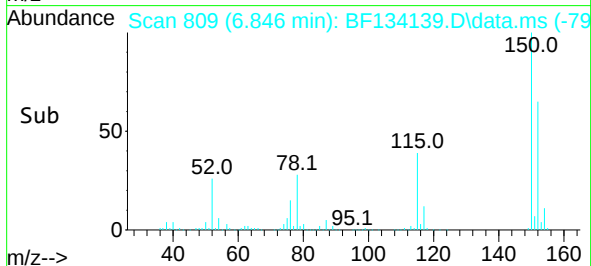
Instrument :
BNA_F
ClientSampleId :
SRY-1



Tgt Ion:152 Resp: 111640
Ion Ratio Lower Upper
152 100
150 153.0 124.5 186.7
115 60.2 50.2 75.2

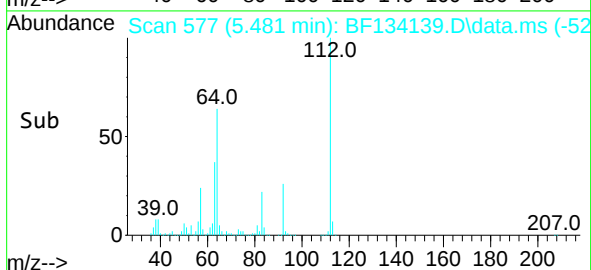
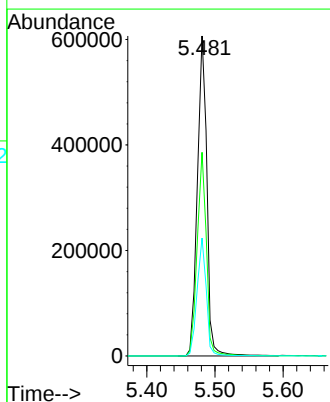
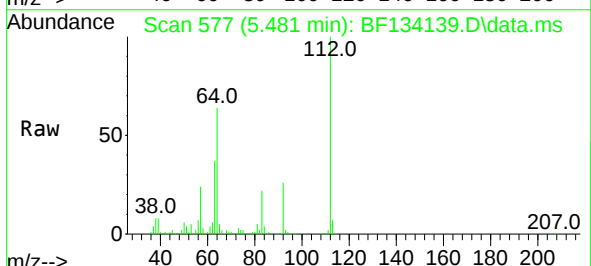
Manual Integrations
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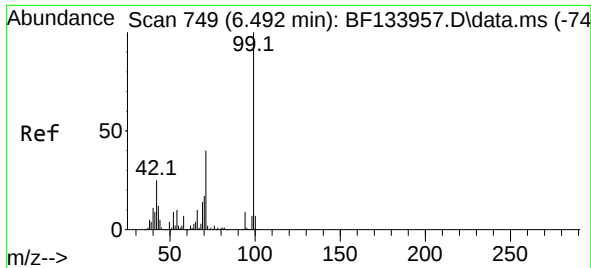
Reviewed By :Yogesh Patel 07/09/2023
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#5
2-Fluorophenol
Concen: 88.387 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134139.D
Acq: 07 Jul 2023 15:50

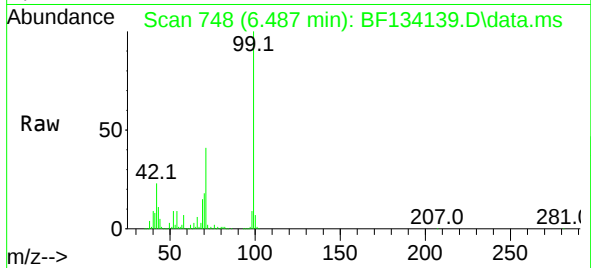
Tgt Ion:112 Resp: 589926
Ion Ratio Lower Upper
112 100
64 63.7 52.1 78.1
63 36.8 28.6 42.8





#7
Phenol-d6
Concen: 83.484 ng
RT: 6.487 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134139.D
Acq: 07 Jul 2023 15:50

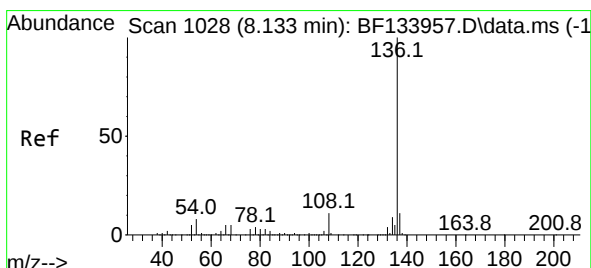
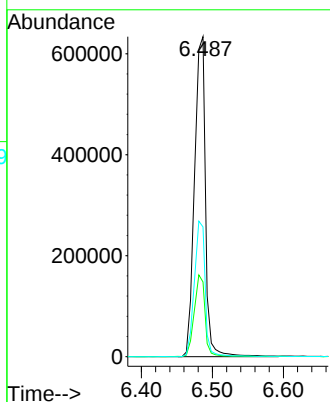
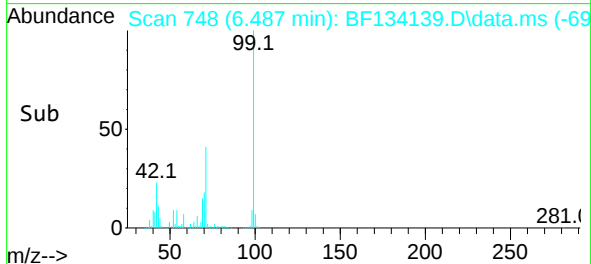
Instrument :
BNA_F
ClientSampleId :
SRY-1



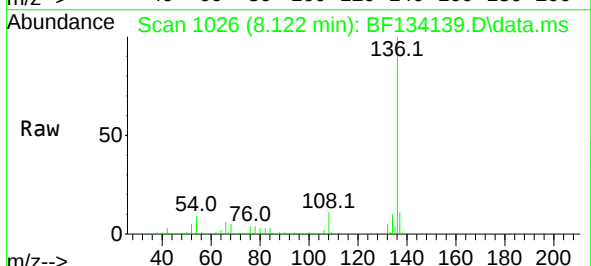
Tgt Ion: 99 Resp: 685240
Ion Ratio Lower Upper
99 100
42 23.4 19.8 29.6
71 40.6 31.9 47.9

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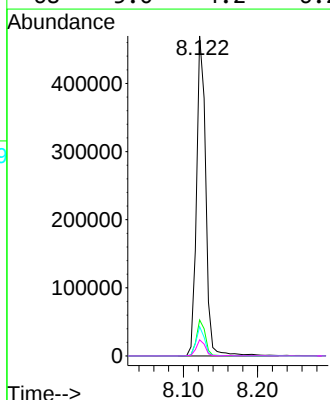
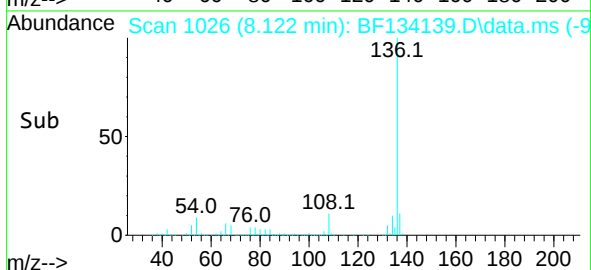
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

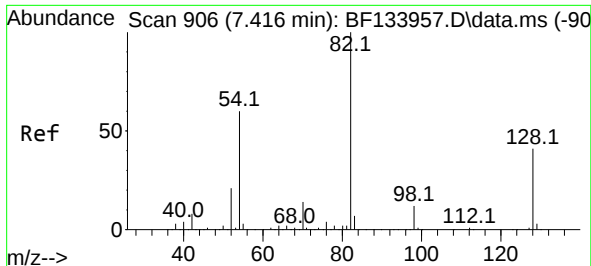


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134139.D
Acq: 07 Jul 2023 15:50



Tgt Ion:136 Resp: 404534
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 9.1 6.5 9.7
68 5.0 4.2 6.2





#23

Nitrobenzene-d5

Concen: 60.838 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134139.D

Acq: 07 Jul 2023 15:50

Instrument :

BNA_F

ClientSampleId :

SRY-1

Tgt Ion: 82 Resp: 456558

Ion Ratio Lower Upper

82 100

128 42.6 32.5 48.7

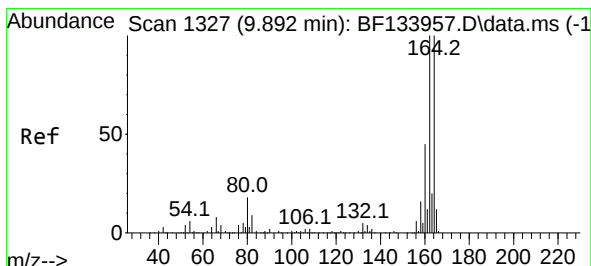
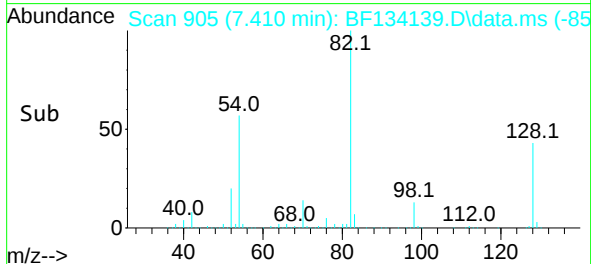
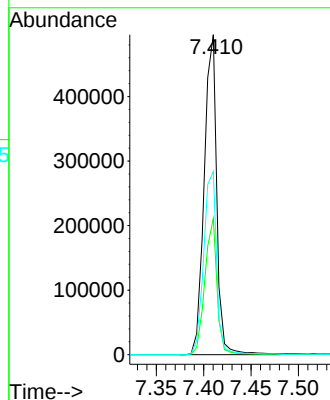
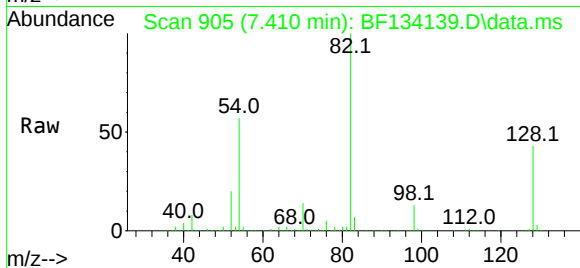
54 57.2 48.2 72.2

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1325

Delta R.T. -0.012 min

Lab File: BF134139.D

Acq: 07 Jul 2023 15:50

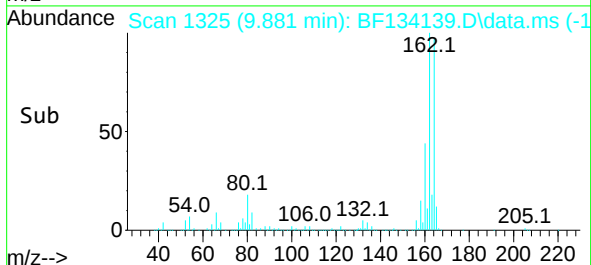
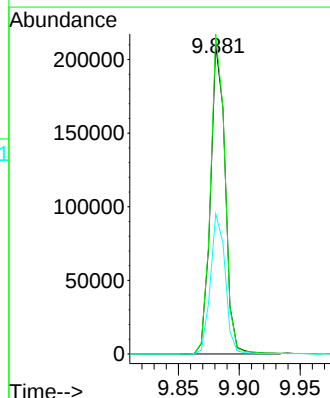
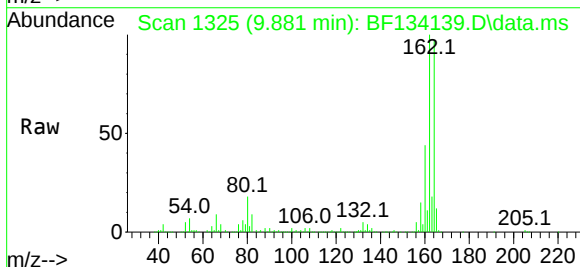
Tgt Ion:164 Resp: 175991

Ion Ratio Lower Upper

164 100

162 103.5 80.0 120.0

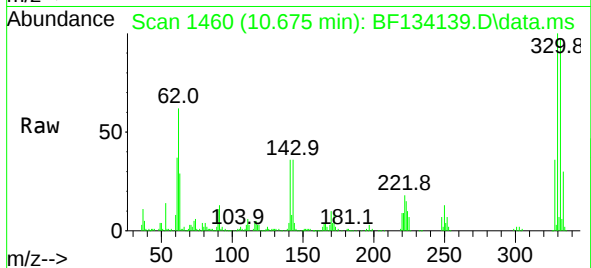
160 45.3 35.9 53.9





#42
2,4,6-Tribromophenol
Concen: 72.568 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF134139.D
Acq: 07 Jul 2023 15:50

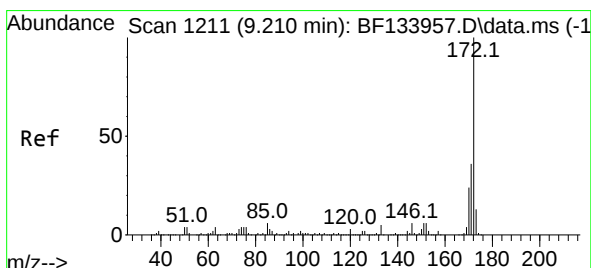
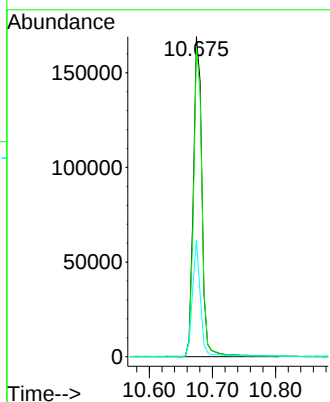
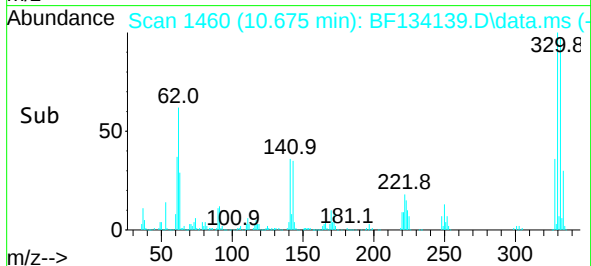
Instrument :
BNA_F
ClientSampleId :
SRY-1



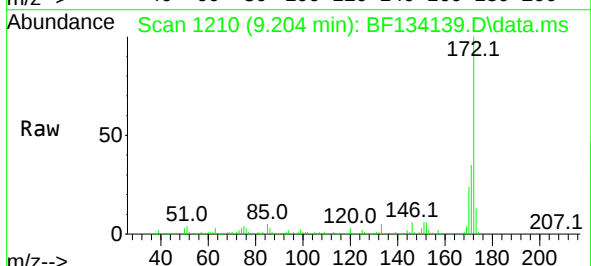
Tgt Ion: 330 Resp: 160120
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.6
141 33.4 26.3 39.5

Manual Integrations
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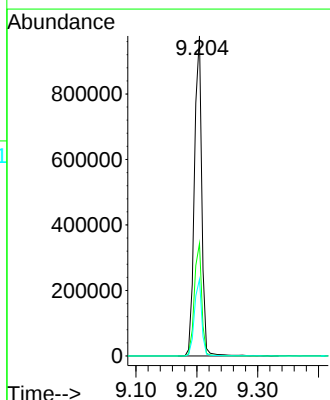
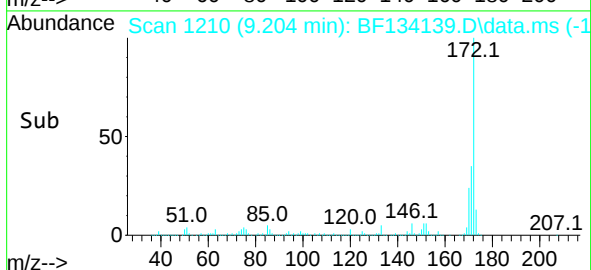
Reviewed By : Yogesh Patel 07/09/2023
Supervised By : mohammad ahmed 07/09/2023

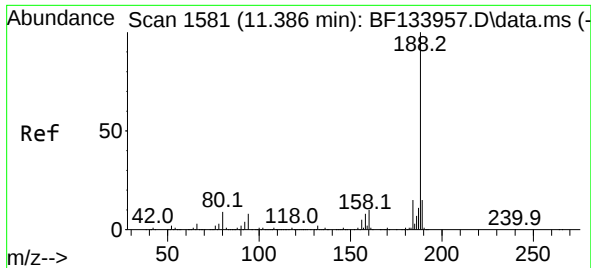


#45
2-Fluorobiphenyl
Concen: 67.766 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134139.D
Acq: 07 Jul 2023 15:50



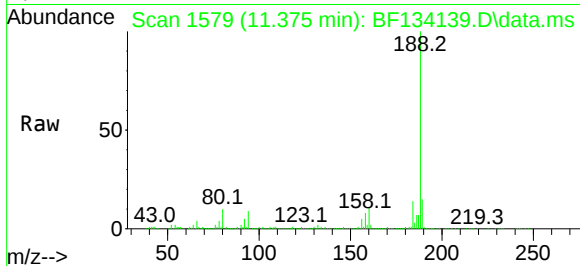
Tgt Ion: 172 Resp: 820290
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.9 19.4 29.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134139.D
Acq: 07 Jul 2023 15:50

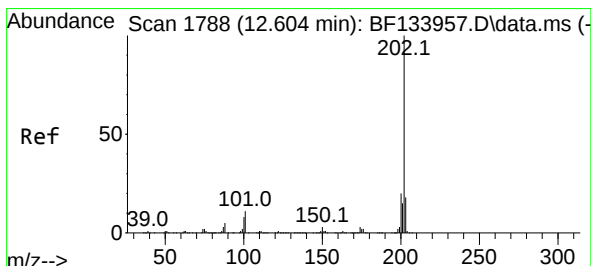
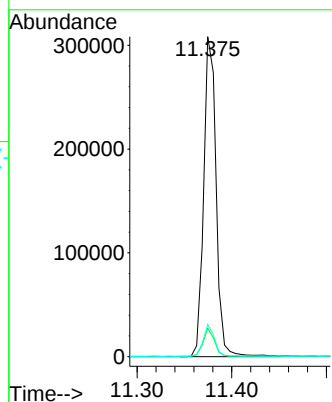
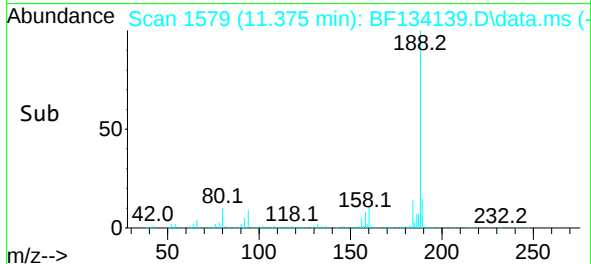
Instrument :
BNA_F
ClientSampleId :
SRY-1



Tgt Ion:188 Resp: 28024
Ion Ratio Lower Upper
188 100
94 8.9 6.4 9.6
80 10.1 7.3 10.9

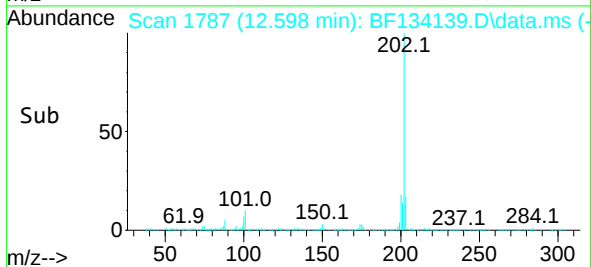
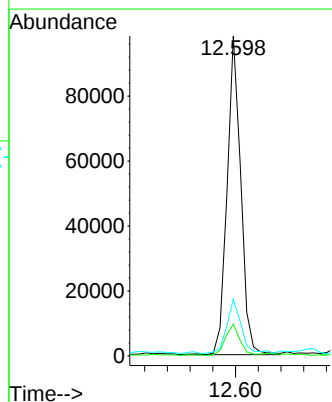
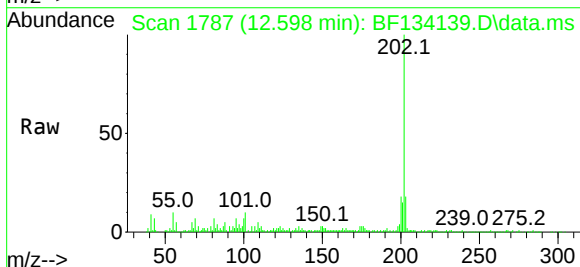
Manual Integrations
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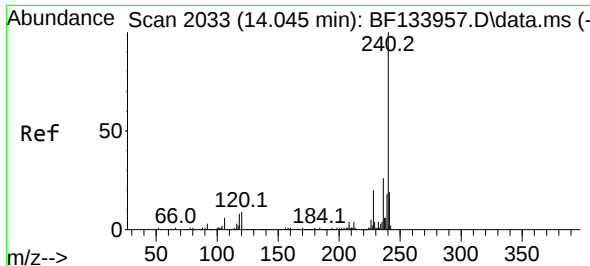
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#75
Fluoranthene
Concen: 5.412 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.012 min
Lab File: BF134139.D
Acq: 07 Jul 2023 15:50

Tgt Ion:202 Resp: 82549
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.0
203 17.8 0.0 37.6





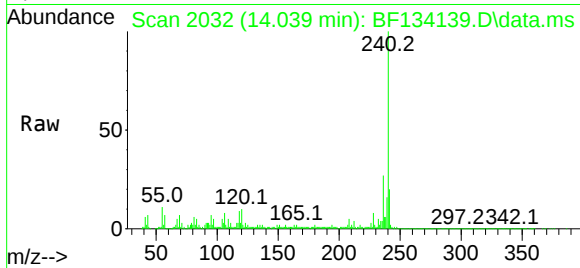
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF134139.D
Acq: 07 Jul 2023 15:50

Instrument :

BNA_F

ClientSampleId :

SRY-1

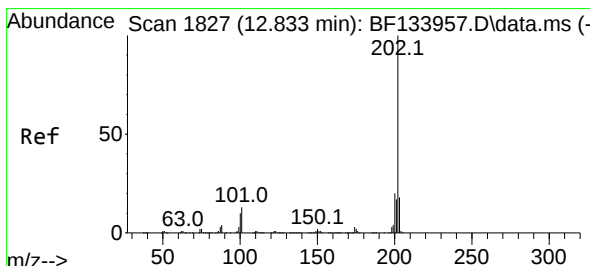
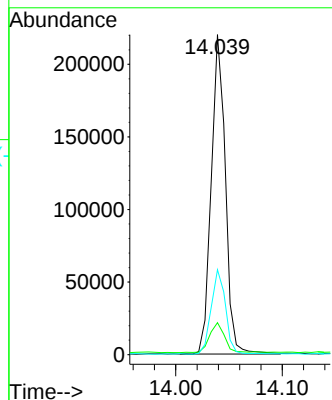
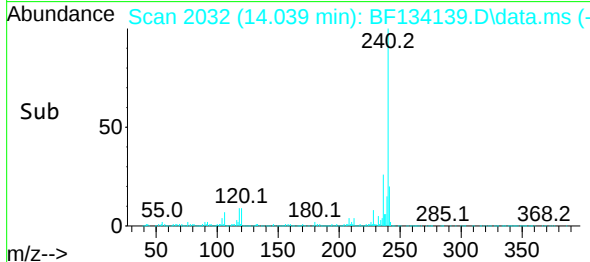


Tgt Ion:240 Resp: 20266
Ion Ratio Lower Upper
240 100
120 10.0 7.4 11.0
236 26.5 21.0 31.6

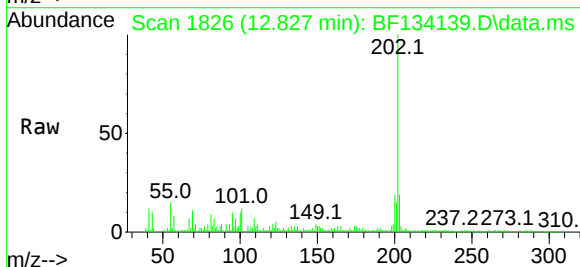
Manual Integrations

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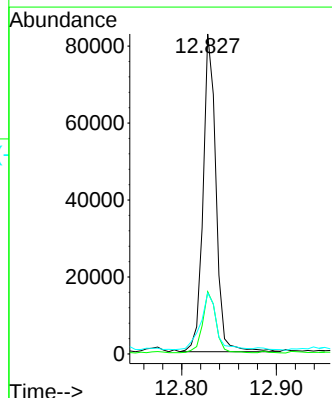
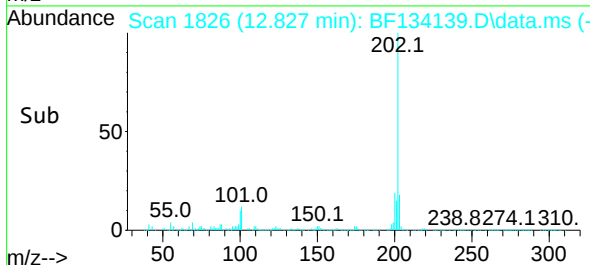
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

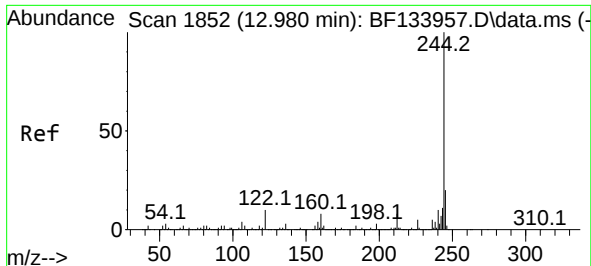


#78
Pyrene
Concen: 4.127 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.012 min
Lab File: BF134139.D
Acq: 07 Jul 2023 15:50



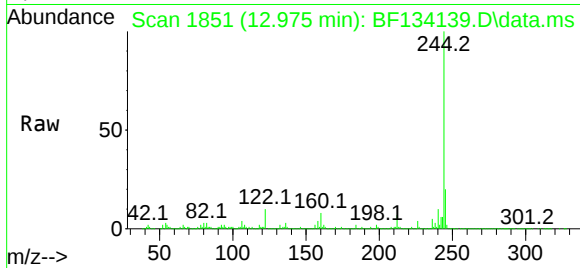
Tgt Ion:202 Resp: 77845
Ion Ratio Lower Upper
202 100
200 19.4 16.1 24.1
203 19.1 14.3 21.5





#79
 Terphenyl-d14
 Concen: 53.383 ng
 RT: 12.975 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF134139.D
 Acq: 07 Jul 2023 15:50

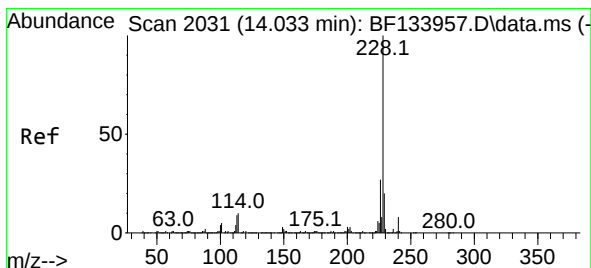
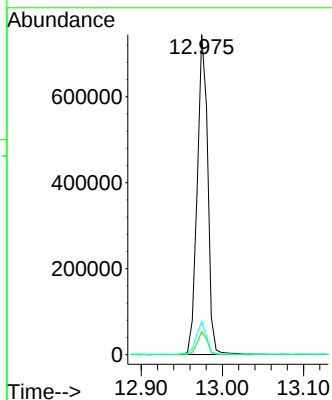
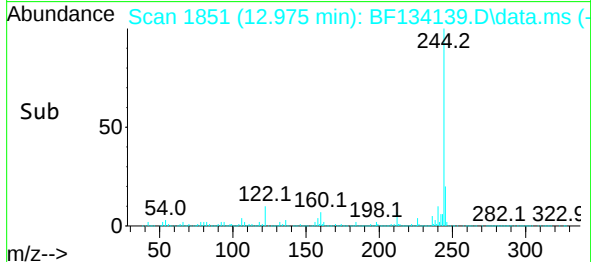
Instrument :
 BNA_F
 ClientSampleId :
 SRY-1



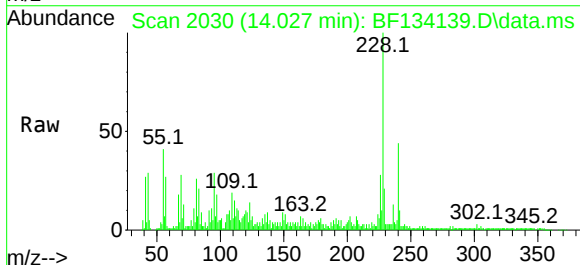
Tgt Ion:244 Resp: 672220
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.3 8.3 12.5

Manual Integrations
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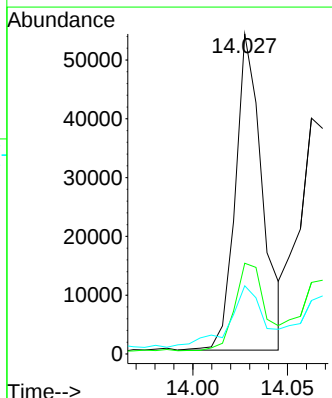
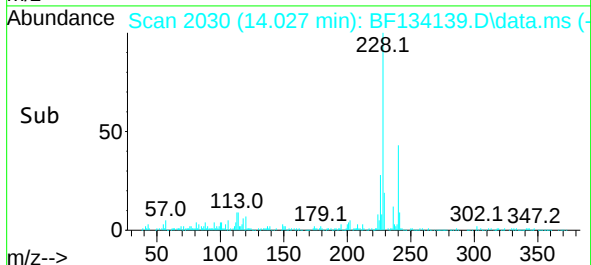
Reviewed By :Yogesh Patel 07/09/2023
 Supervised By :mohammad ahmed 07/09/2023

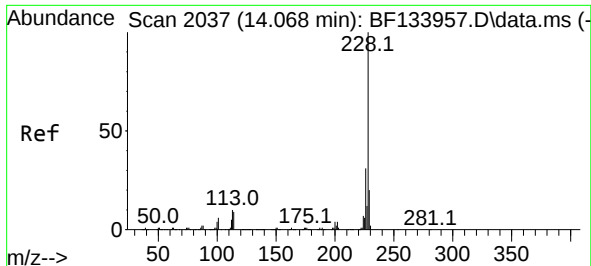


#81
 Benzo(a)anthracene
 Concen: 3.798 ng
 RT: 14.027 min Scan# 2030
 Delta R.T. -0.012 min
 Lab File: BF134139.D
 Acq: 07 Jul 2023 15:50



Tgt Ion:228 Resp: 53375
 Ion Ratio Lower Upper
 228 100
 226 28.4 22.0 33.0
 229 21.3 16.3 24.5





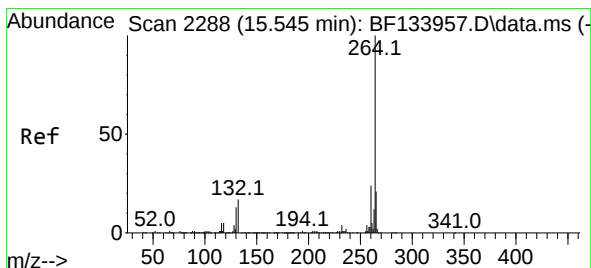
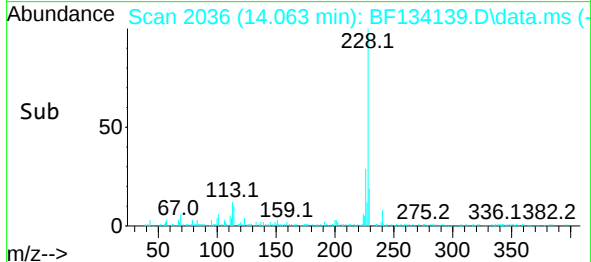
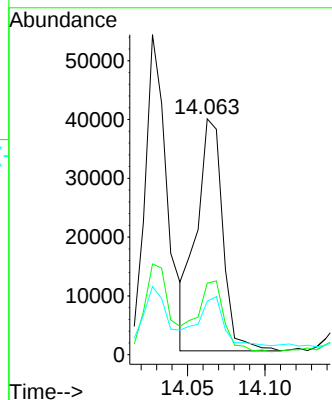
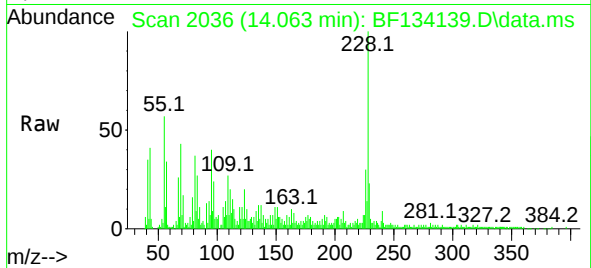
#83
Chrysene
Concen: 3.458 ng
RT: 14.063 min Scan# 2037
Delta R.T. -0.012 min
Lab File: BF134139.D
Acq: 07 Jul 2023 15:50

Instrument :
BNA_F
ClientSampleId :
SRY-1

Tgt Ion:228 Resp: 4707
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 22.6 16.1 24.1

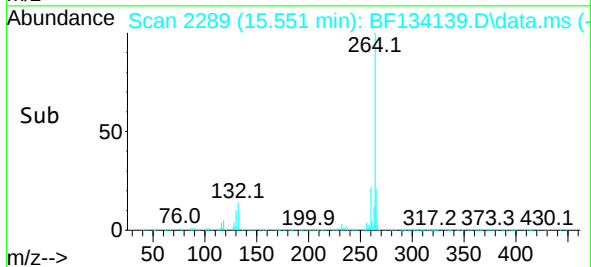
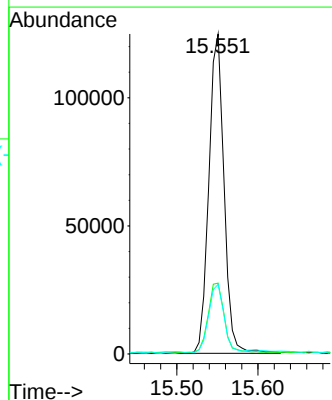
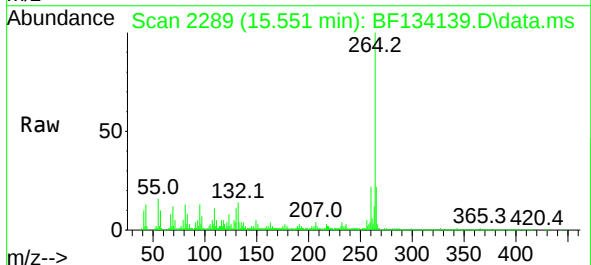
Manual Integrations
APPROVED

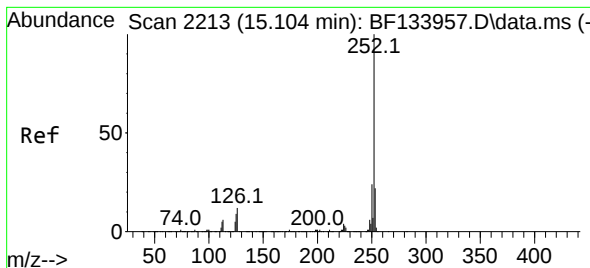
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.000 min
Lab File: BF134139.D
Acq: 07 Jul 2023 15:50

Tgt Ion:264 Resp: 161827
Ion Ratio Lower Upper
264 100
260 22.2 19.5 29.3
265 21.8 16.6 25.0





#88

Benzo(b)fluoranthene

Concen: 5.925 ng m

RT: 15.104 min Scan# 2213

Delta R.T. -0.006 min

Lab File: BF134139.D

Acq: 07 Jul 2023 15:50

Instrument :

BNA_F

ClientSampleId :

SRY-1

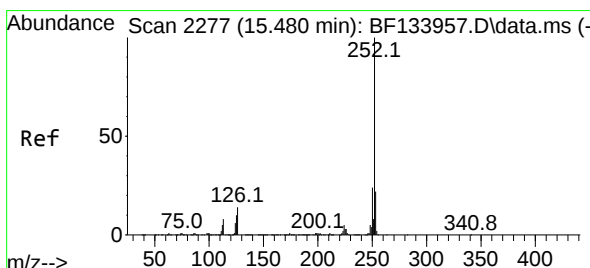
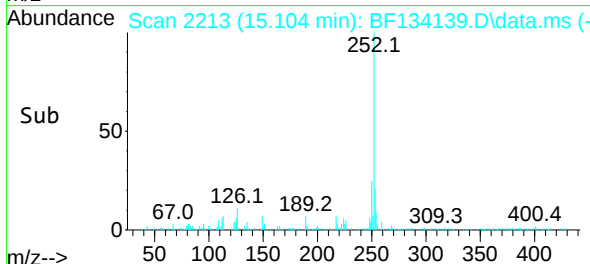
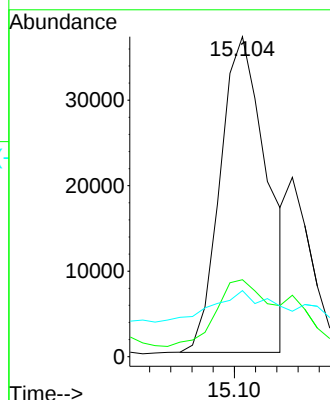
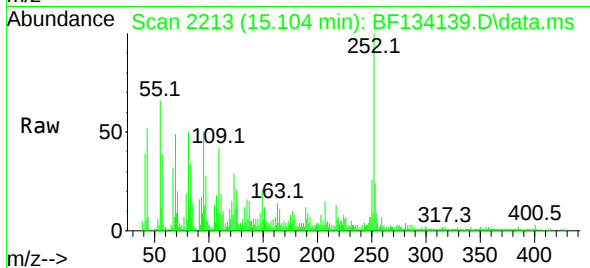
Tgt Ion:252 Resp: 56380
 Ion Ratio Lower Upper
 252 100
 253 24.1 17.4 26.0
 125 20.7 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#90

Benzo(a)pyrene

Concen: 3.445 ng

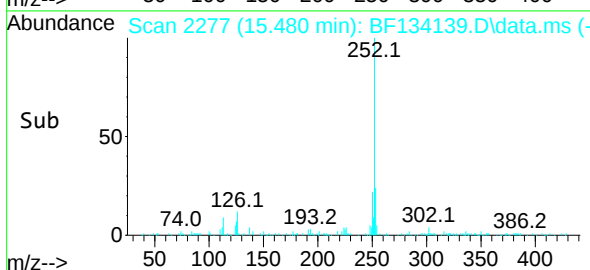
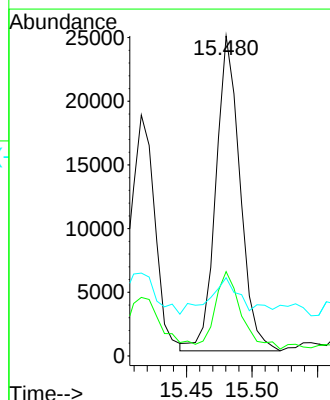
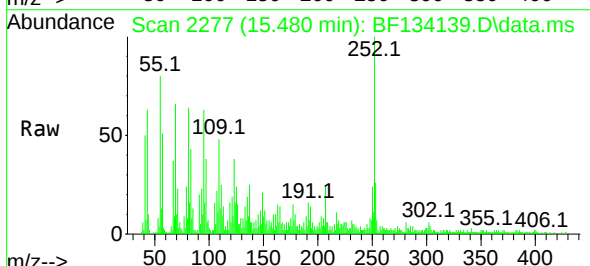
RT: 15.480 min Scan# 2277

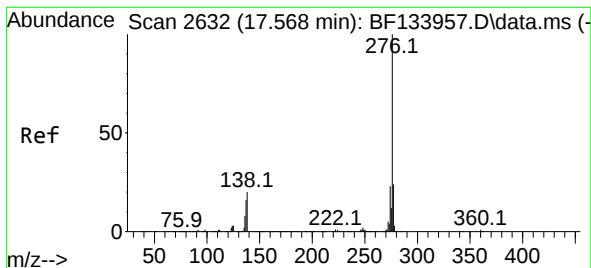
Delta R.T. -0.012 min

Lab File: BF134139.D

Acq: 07 Jul 2023 15:50

Tgt Ion:252 Resp: 31701
 Ion Ratio Lower Upper
 252 100
 253 26.4 17.4 26.0#
 125 24.4 8.4 12.6#





#92

Benzo(g,h,i)perylene

Concen: 2.008 ng

RT: 17.562 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF134139.D

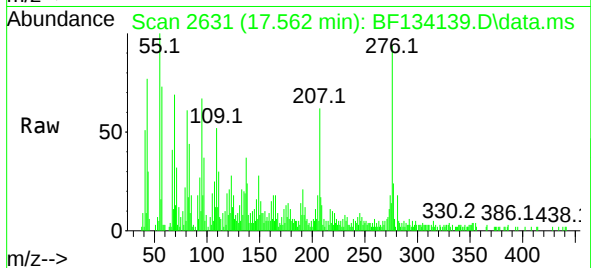
Acq: 07 Jul 2023 15:50

Instrument :

BNA_F

ClientSampleId :

SRY-1



Tgt Ion:	276	Resp:	18990
Ion Ratio	Lower	Upper	
276	100		
277	25.3	19.0	28.6
138	25.5	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023

