

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
 Data File : BF139102.D
 Acq On : 21 Aug 2024 15:20
 Operator : RC/JU
 Sample : P3663-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 910-J-SD-0-0.5-081624

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/23/2024

Quant Time: Aug 21 15:54:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	92258	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	350389	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	195604	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	300989	20.000	ng	0.00
76) Chrysene-d12	14.057	240	164567	20.000	ng	0.00
86) Perylene-d12	15.533	264	203505	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	431797	72.008	ng	0.00
7) Phenol-d6	6.516	99	577315	74.508	ng	0.00
23) Nitrobenzene-d5	7.451	82	348794	58.005	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	122020	68.908	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	573153	46.490	ng	0.00
79) Terphenyl-d14	13.004	244	425314	42.884	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.627	202	61514	3.767	ng	99
78) Pyrene	12.857	202	48161	3.507	ng	98
83) Chrysene	14.080	228	30482	3.109	ng	100
88) Benzo(b)fluoranthene	15.098	252	48404m	3.648	ng	
90) Benzo(a)pyrene	15.468	252	25194	2.403	ng	97
92) Benzo(g,h,i)perylene	17.451	276	15679	4.116	ng	97

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

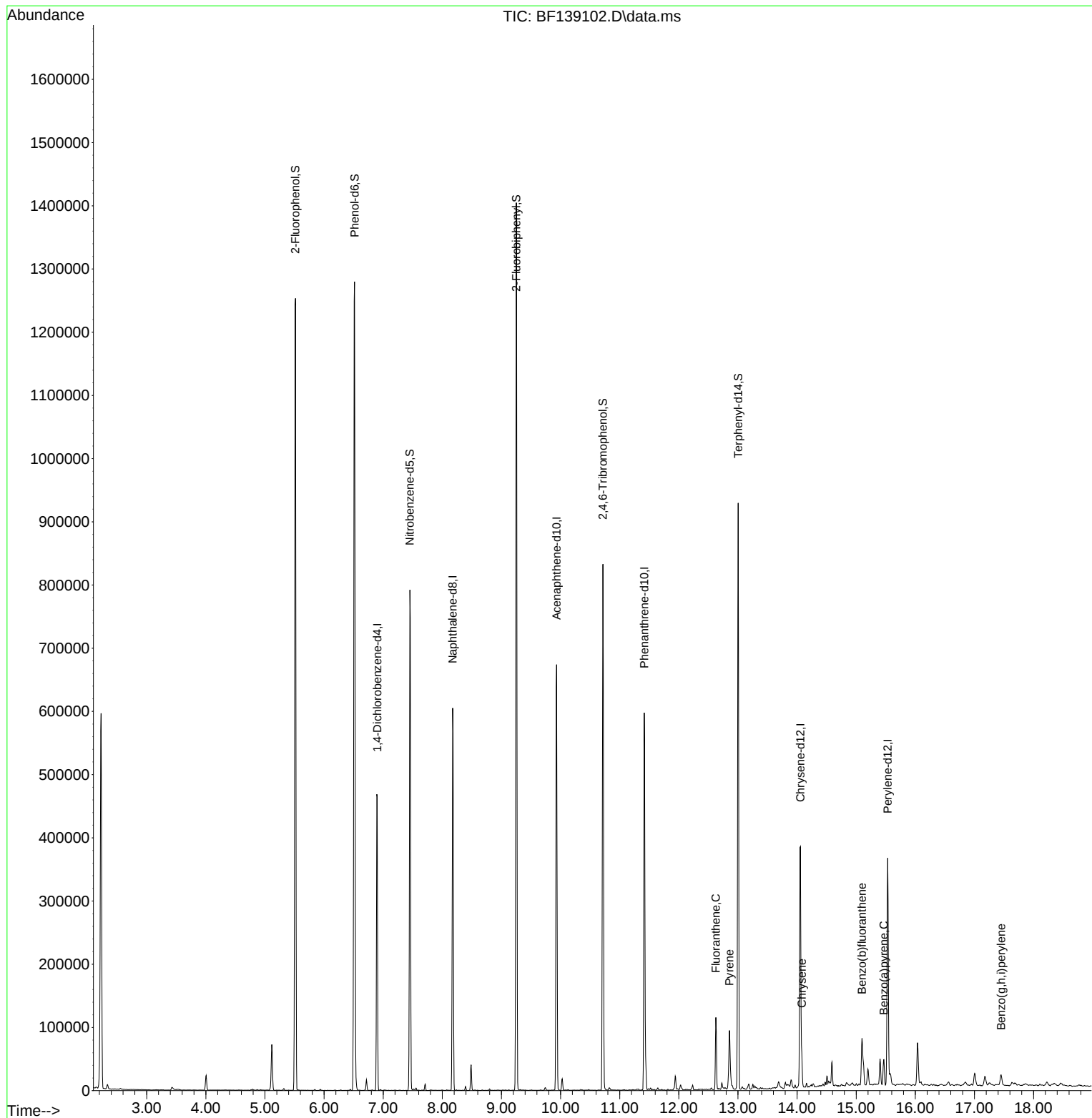
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
Data File : BF139102.D
Acq On : 21 Aug 2024 15:20
Operator : RC/JU
Sample : P3663-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

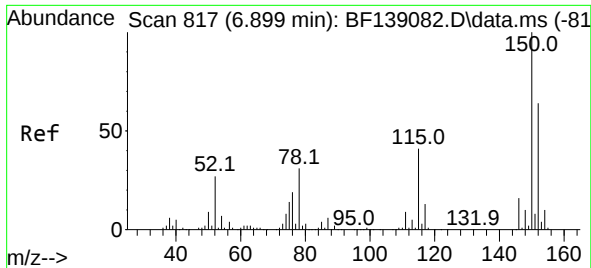
Instrument :
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ClientSampleId :
910-J-SD-0-0.5-081624

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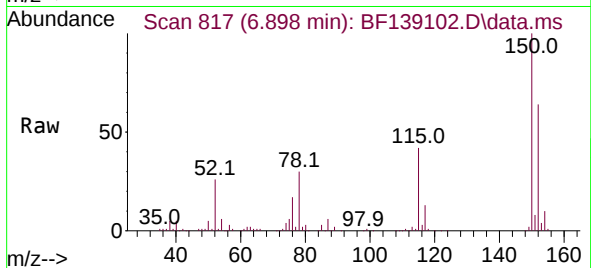
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF139102.D
Acq: 21 Aug 2024 15:20

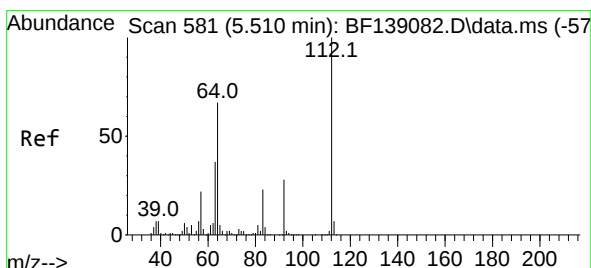
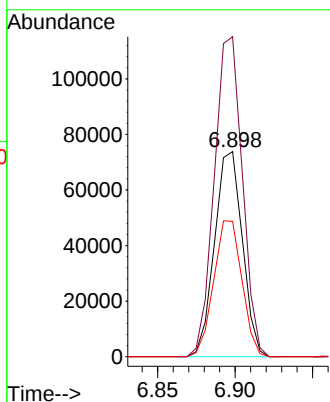
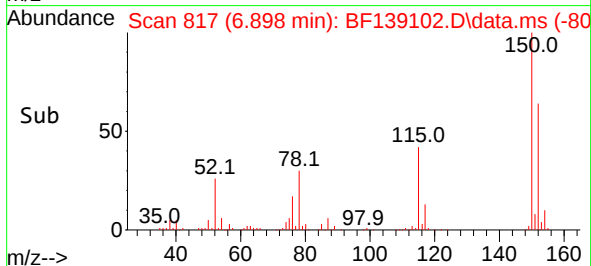
Instrument :
BNA_F
ClientSampleId :
910-J-SD-0-0.5-081624



Tgt Ion:152 Resp: 92258
Ion Ratio Lower Upper
152 100
150 156.0 125.1 187.7
115 65.9 51.8 77.6

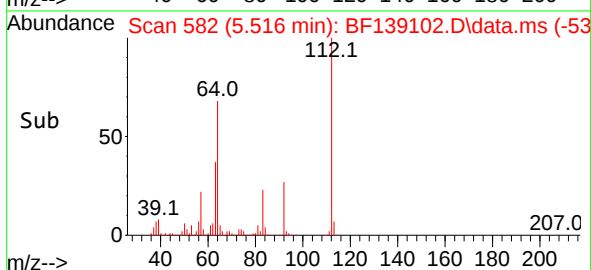
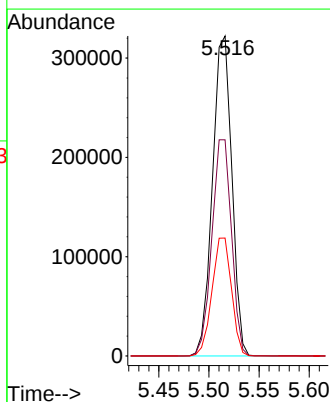
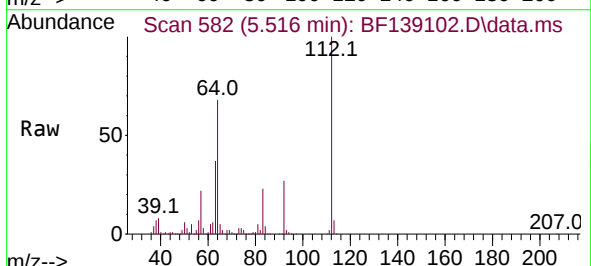
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#5
2-Fluorophenol
Concen: 72.008 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF139102.D
Acq: 21 Aug 2024 15:20

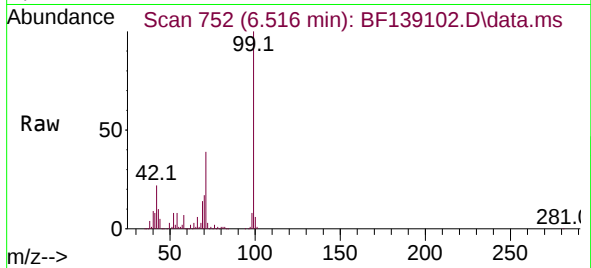
Tgt Ion:112 Resp: 431797
Ion Ratio Lower Upper
112 100
64 67.5 53.8 80.6
63 36.9 29.4 44.2





#7
Phenol-d6
Concen: 74.508 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139102.D
Acq: 21 Aug 2024 15:20

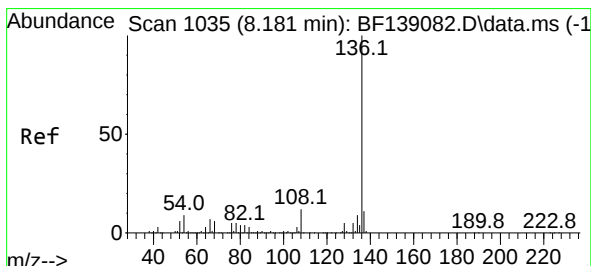
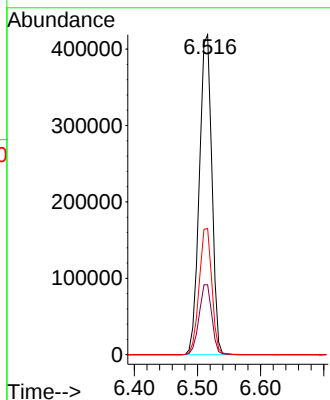
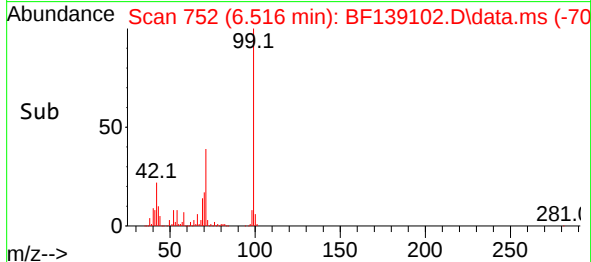
Instrument :
BNA_F
ClientSampleId :
910-J-SD-0-0.5-081624



Tgt Ion: 99 Resp: 577315
Ion Ratio Lower Upper
99 100
42 21.8 17.4 26.2
71 39.5 31.2 46.8

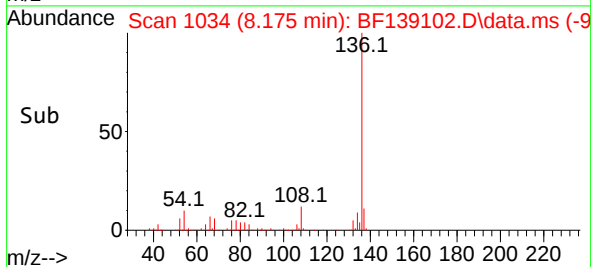
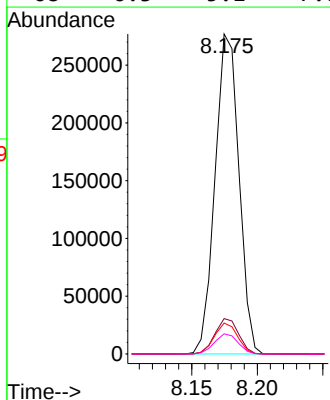
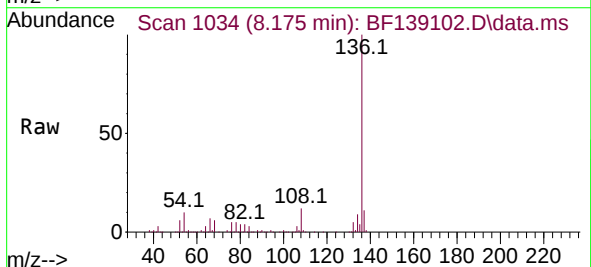
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Supervised By :mohammad ahmed 08/23/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139102.D
Acq: 21 Aug 2024 15:20

Tgt Ion:136 Resp: 350389
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 9.6 7.6 11.4
68 6.3 5.1 7.7





#23

Nitrobenzene-d5

Concen: 58.005 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF139102.D

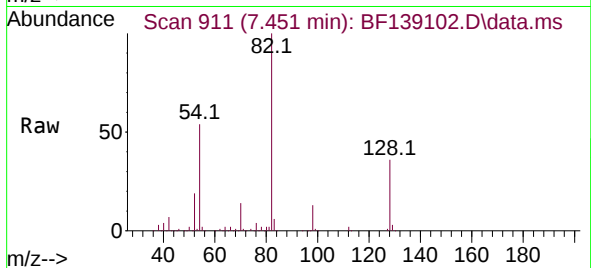
Acq: 21 Aug 2024 15:20

Instrument :

BNA_F

ClientSampleId :

910-J-SD-0-0.5-081624



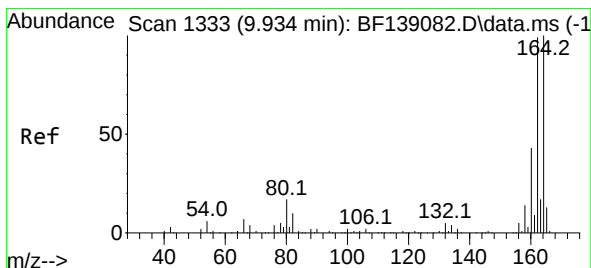
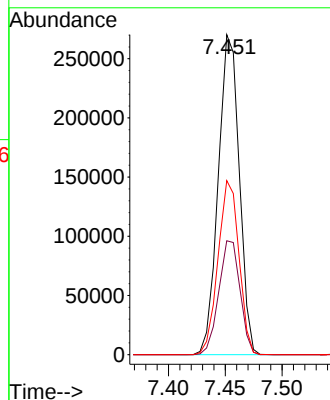
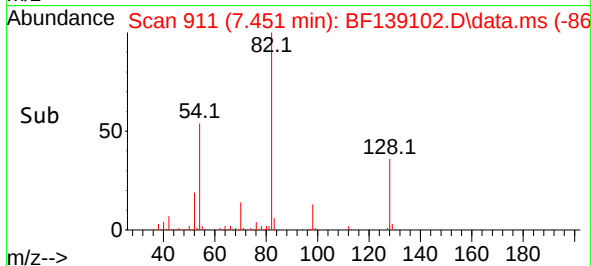
Tgt Ion: 82	Resp: 348794
Ion Ratio	Lower Upper
82 100	
128 35.6	29.0 43.4
54 54.4	43.4 65.2

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#39

Acenaphthene-d10

Concen: 20.000 ng

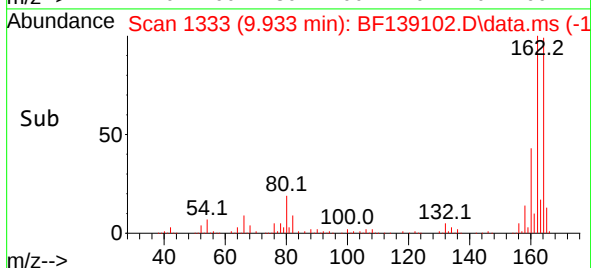
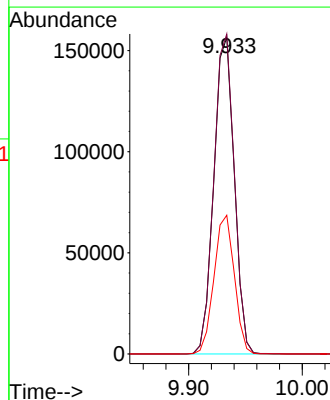
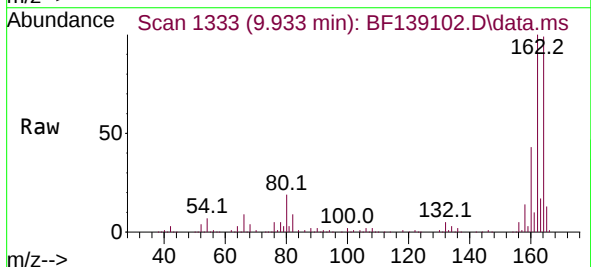
RT: 9.933 min Scan# 1333

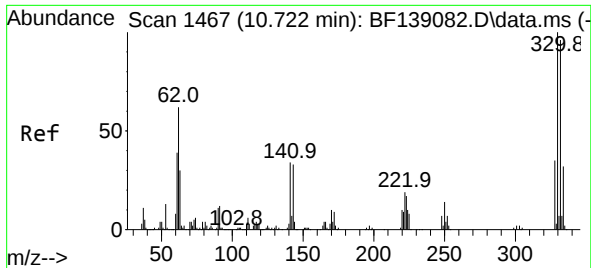
Delta R.T. -0.001 min

Lab File: BF139102.D

Acq: 21 Aug 2024 15:20

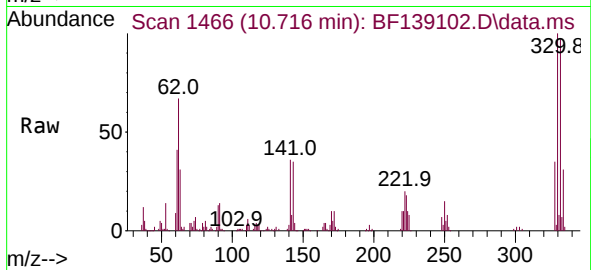
Tgt Ion:164	Resp: 195604		
Ion Ratio	Lower	Upper	
164	100		
162	101.1	79.5	119.3
160	43.8	34.5	51.7





#42
2,4,6-Tribromophenol
Concen: 68.908 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139102.D
Acq: 21 Aug 2024 15:20

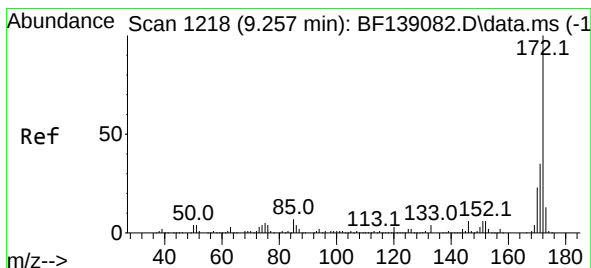
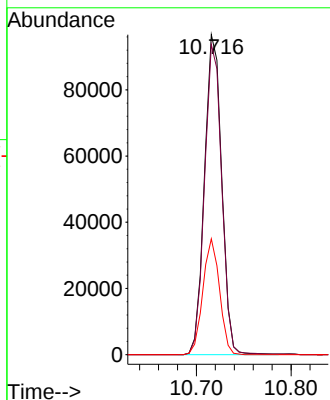
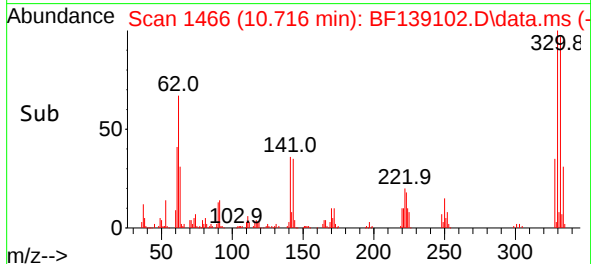
Instrument :
BNA_F
ClientSampleId :
910-J-SD-0-0.5-081624



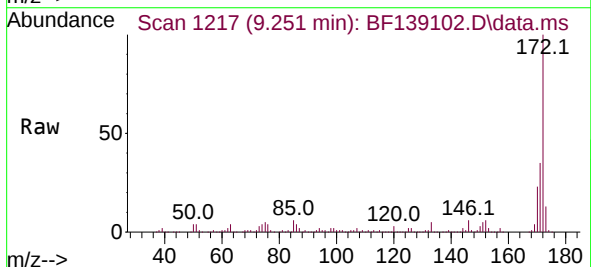
Tgt Ion: 330 Resp: 122020
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 34.9 27.5 41.3

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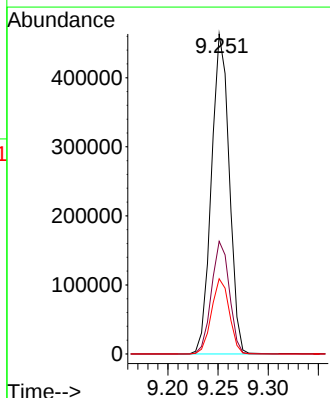
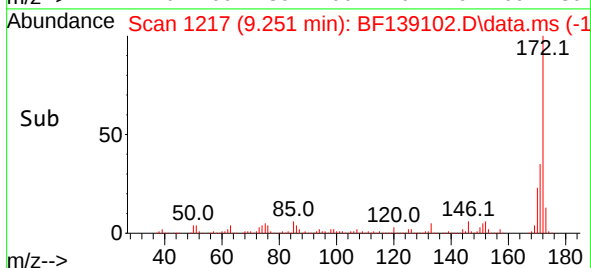
Reviewed By : Yogesh Patel 08/22/2024
Supervised By : mohammad ahmed 08/23/2024

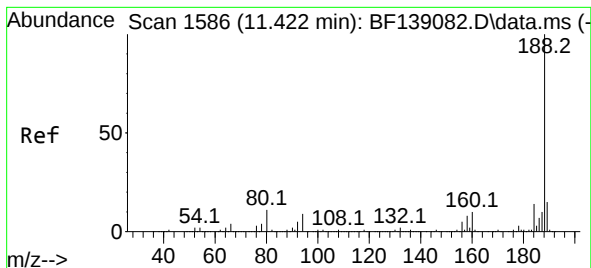


#45
2-Fluorobiphenyl
Concen: 46.490 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF139102.D
Acq: 21 Aug 2024 15:20



Tgt Ion: 172 Resp: 573153
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139102.D

Acq: 21 Aug 2024 15:20

Instrument :

BNA_F

ClientSampleId :

910-J-SD-0-0.5-081624

Tgt Ion:188 Resp: 300989

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

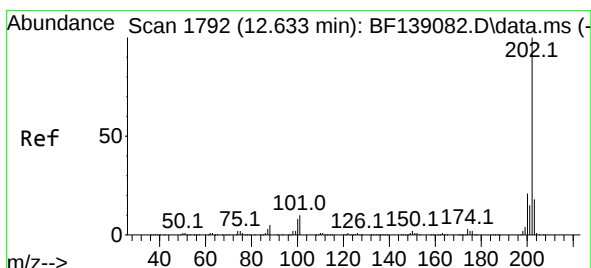
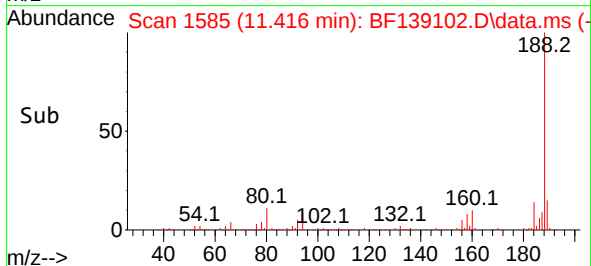
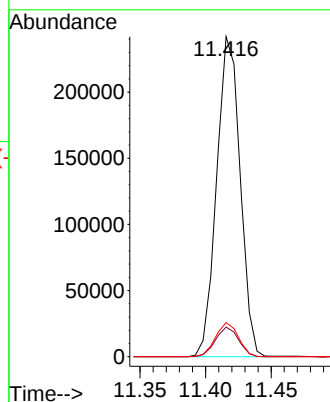
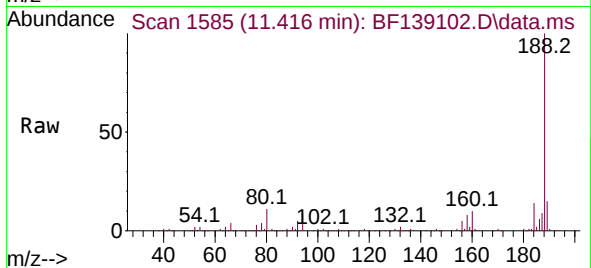
80 10.6 8.5 12.7

Manual Integrations

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Supervised By :mohammad ahmed 08/23/2024



#75

Fluoranthene

Concen: 3.767 ng

RT: 12.627 min Scan# 1791

Delta R.T. -0.006 min

Lab File: BF139102.D

Acq: 21 Aug 2024 15:20

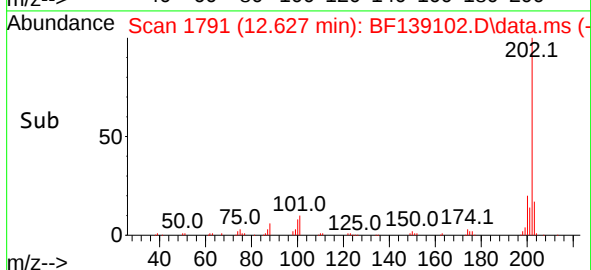
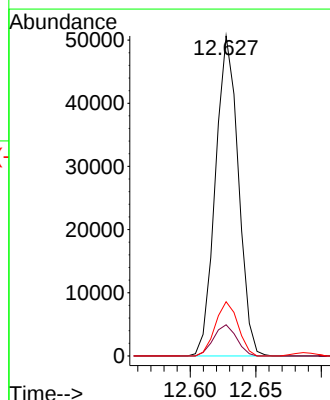
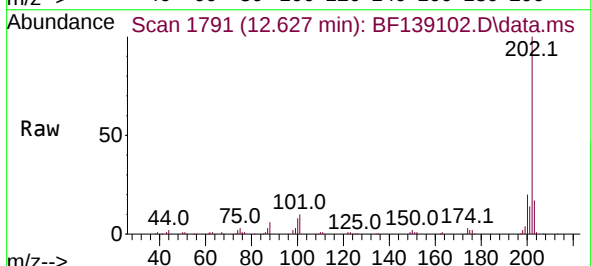
Tgt Ion:202 Resp: 61514

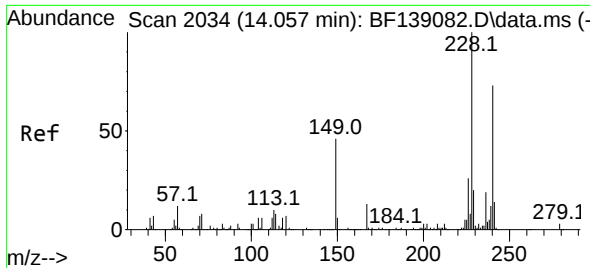
Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.2

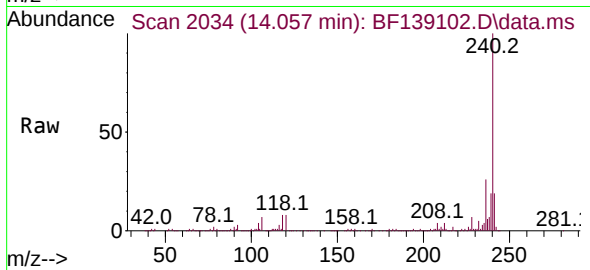
203 17.0 0.0 37.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF139102.D
Acq: 21 Aug 2024 15:20

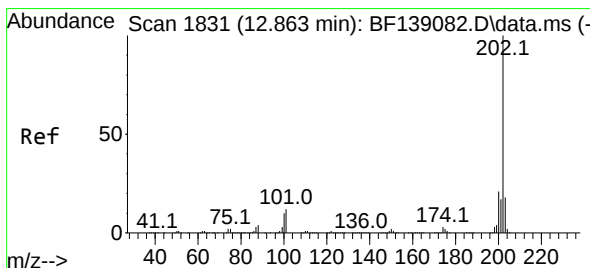
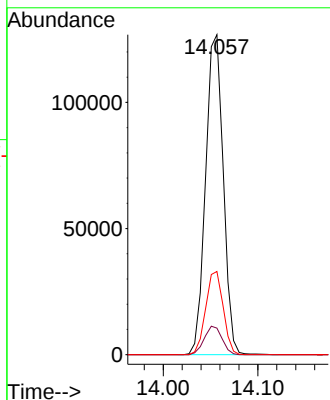
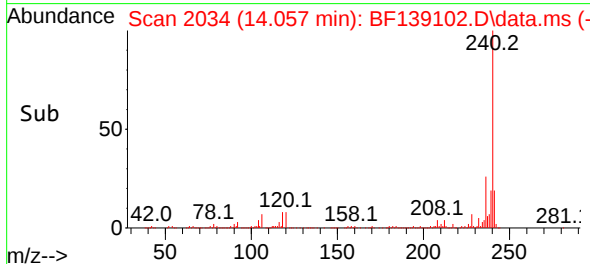
Instrument :
BNA_F
ClientSampleId :
910-J-SD-0-0.5-081624



Tgt Ion:240 Resp: 16456
Ion Ratio Lower Upper
240 100
120 8.3 7.8 11.6
236 26.0 20.9 31.3

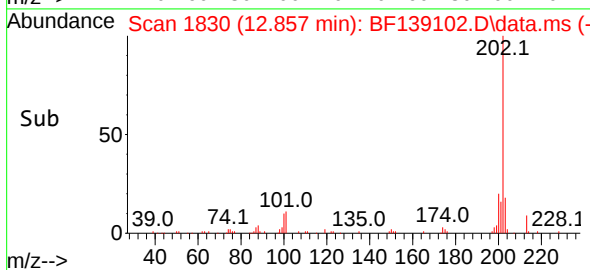
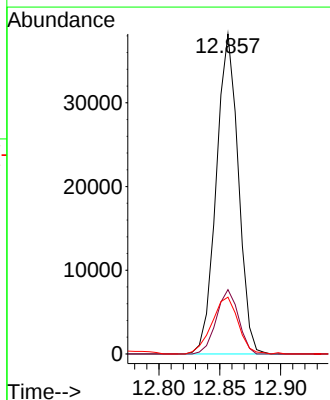
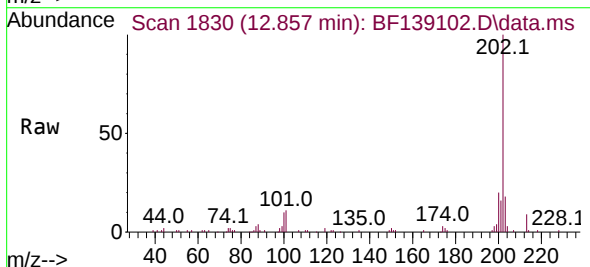
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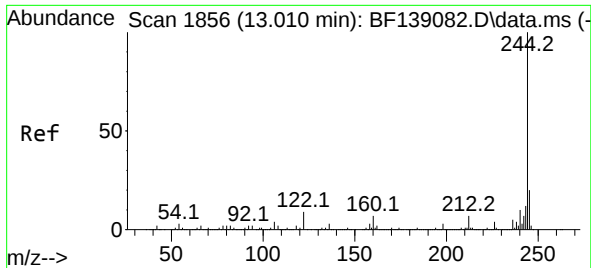
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#78
Pyrene
Concen: 3.507 ng
RT: 12.857 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF139102.D
Acq: 21 Aug 2024 15:20

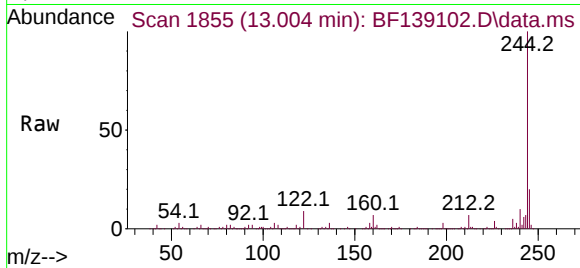
Tgt Ion:202 Resp: 48161
Ion Ratio Lower Upper
202 100
200 20.1 17.0 25.6
203 17.7 14.1 21.1





#79
 Terphenyl-d14
 Concen: 42.884 ng
 RT: 13.004 min Scan# 1855
 Delta R.T. -0.006 min
 Lab File: BF139102.D
 Acq: 21 Aug 2024 15:20

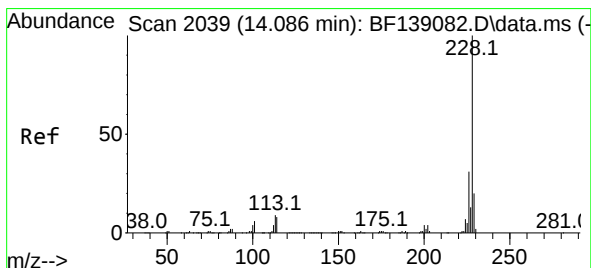
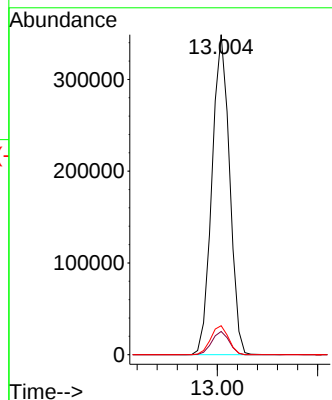
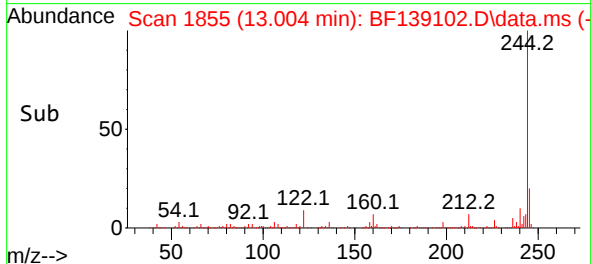
Instrument :
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 910-J-SD-0-0.5-081624



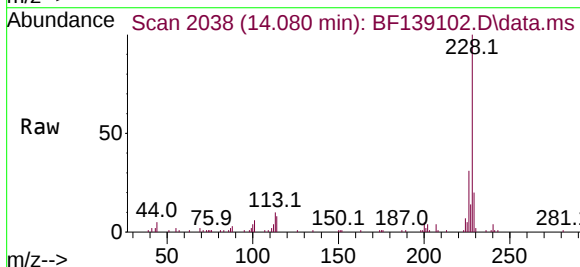
Tgt Ion:244 Resp: 425314
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.1 7.6 11.4

Manual Integrations
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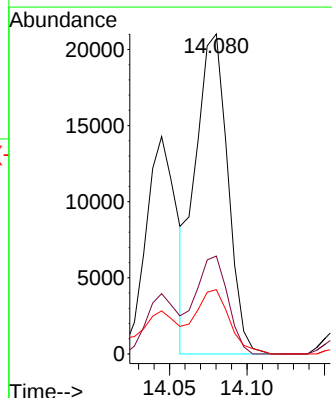
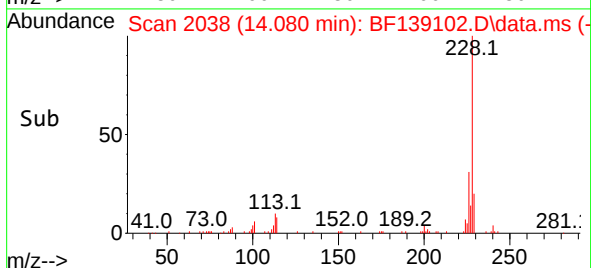
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/23/2024

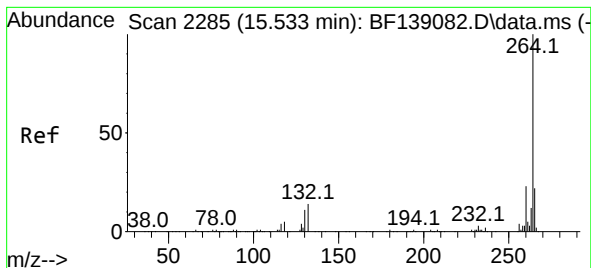


#83
 Chrysene
 Concen: 3.109 ng
 RT: 14.080 min Scan# 2038
 Delta R.T. -0.006 min
 Lab File: BF139102.D
 Acq: 21 Aug 2024 15:20



Tgt Ion:228 Resp: 30482
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.3 36.5
 229 20.1 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.000 min

Lab File: BF139102.D

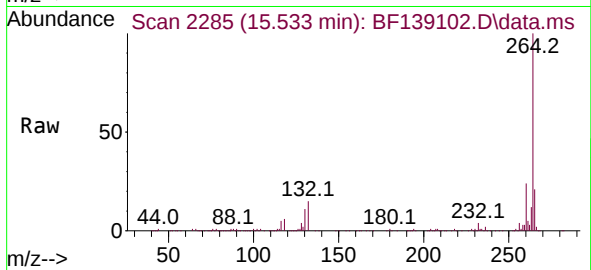
Acq: 21 Aug 2024 15:20

Instrument :

BNA_F

ClientSampleId :

910-J-SD-0-0.5-081624



Tgt Ion:264 Resp: 20350

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

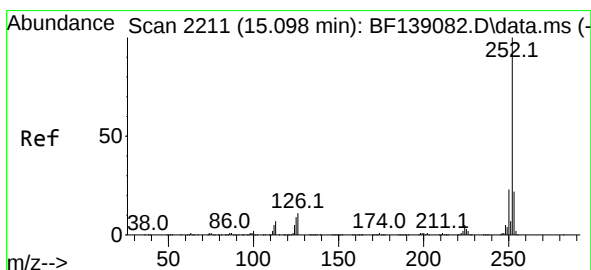
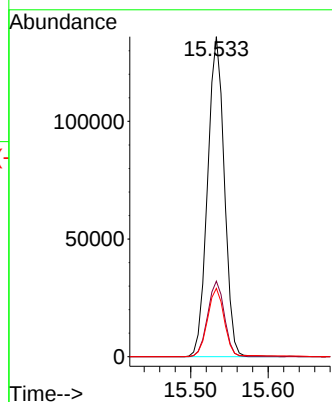
265 21.3 17.4 26.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#88

Benzo(b)fluoranthene

Concen: 3.648 ng m

RT: 15.098 min Scan# 2211

Delta R.T. -0.000 min

Lab File: BF139102.D

Acq: 21 Aug 2024 15:20

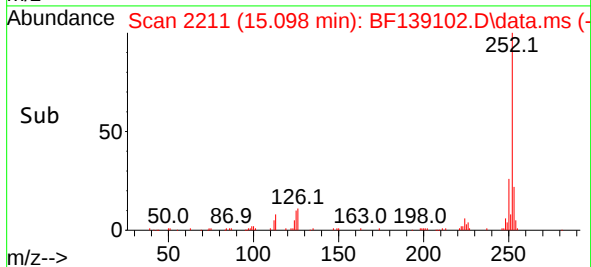
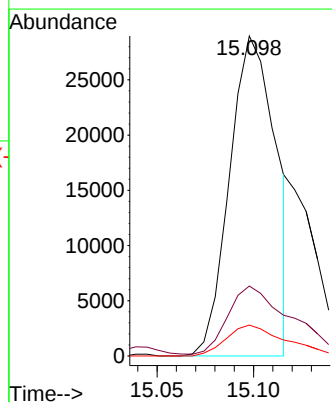
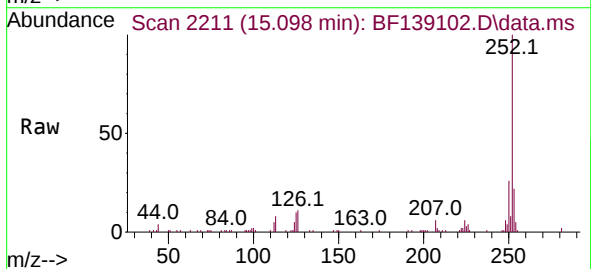
Tgt Ion:252 Resp: 48404

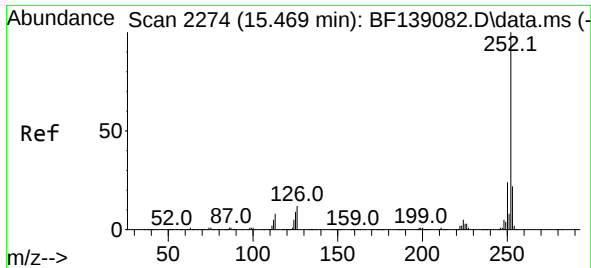
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

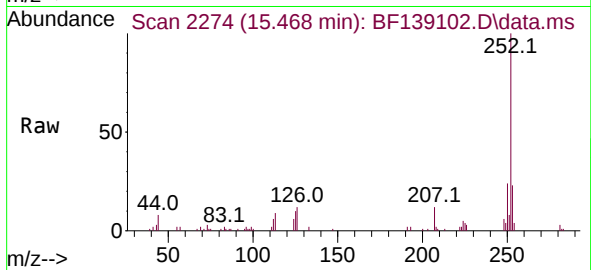
125 9.6 7.0 10.6





#90
Benzo(a)pyrene
Concen: 2.403 ng
RT: 15.468 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BF139102.D
Acq: 21 Aug 2024 15:20

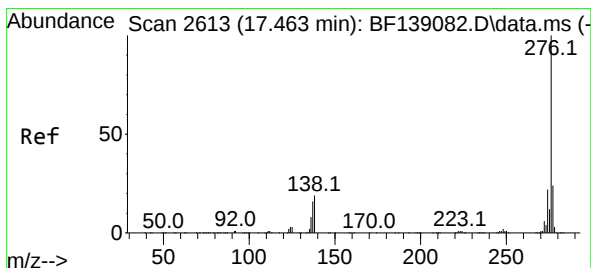
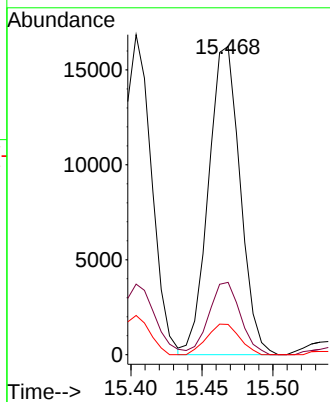
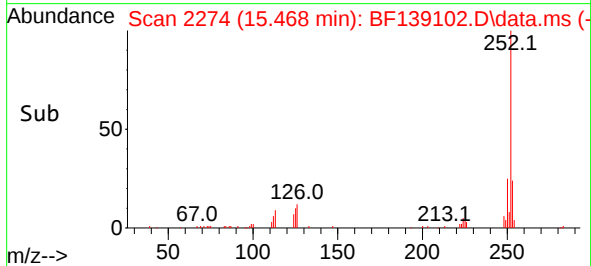
Instrument :
BNA_F
ClientSampleId :
910-J-SD-0-0.5-081624



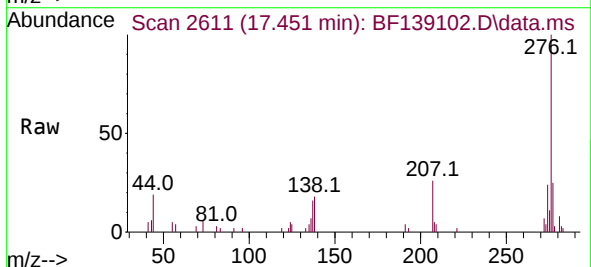
Tgt Ion:252 Resp: 25194
Ion Ratio Lower Upper
252 100
253 23.5 17.3 25.9
125 9.8 7.4 11.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#92
Benzo(g,h,i)perylene
Concen: 4.116 ng
RT: 17.451 min Scan# 2611
Delta R.T. -0.012 min
Lab File: BF139102.D
Acq: 21 Aug 2024 15:20



Tgt Ion:276 Resp: 15679
Ion Ratio Lower Upper
276 100
277 25.3 18.8 28.2
138 18.1 15.0 22.4

