

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
 Data File : BF135082.D
 Acq On : 01 Sep 2023 18:14
 Operator : CG\JU
 Sample : 04202-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/04/2023
 Supervised By :mohammad ahmed 09/04/2023

Quant Time: Sep 04 01:09:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	100438	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	396526	20.000	ng	-0.01
39) Acenaphthene-d10	9.804	164	191590	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	306119	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	214558	20.000	ng	-0.01
86) Perylene-d12	15.421	264	232801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	536037	82.436	ng	0.00
7) Phenol-d6	6.404	99	650148	80.217	ng	-0.01
23) Nitrobenzene-d5	7.334	82	407125	57.682	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	153639	75.596	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	723658	61.496	ng	-0.01
79) Terphenyl-d14	12.898	244	626730	47.668	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.322	178	39644	2.510	ng	98
75) Fluoranthene	12.516	202	61907	3.877	ng	97
78) Pyrene	12.745	202	57758	2.835	ng	100
81) Benzo(a)anthracene	13.939	228	42587	2.910	ng	98
83) Chrysene	13.974	228	36182m	2.516	ng	
88) Benzo(b)fluoranthene	14.992	252	49600m	3.424	ng	
90) Benzo(a)pyrene	15.351	252	37467	2.784	ng	97

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

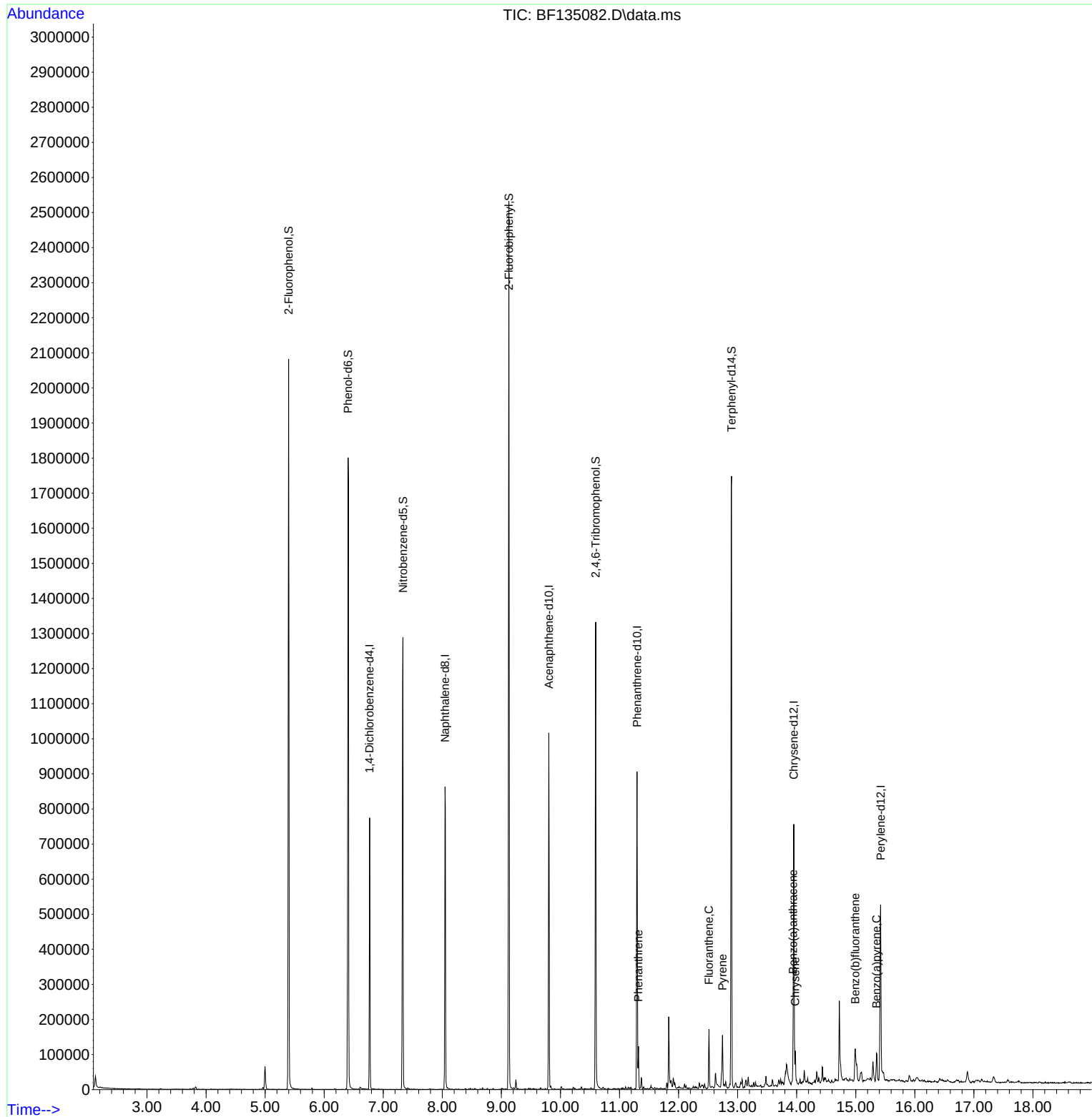
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
Data File : BF135082.D
Acq On : 01 Sep 2023 18:14
Operator : CG\JU
Sample : 04202-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

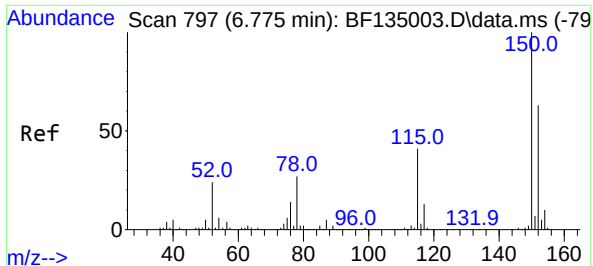
Instrument :
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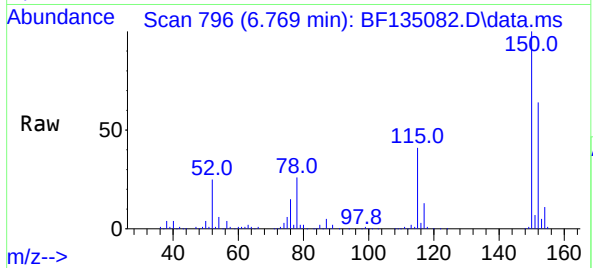
Quant Time: Sep 04 01:09:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135082.D
Acq: 01 Sep 2023 18:14

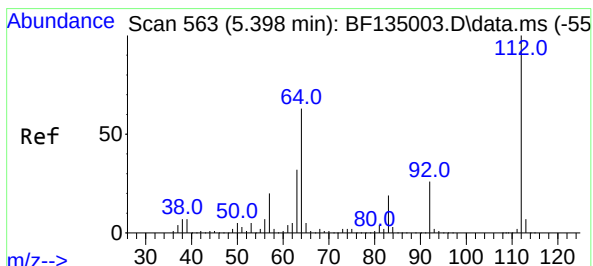
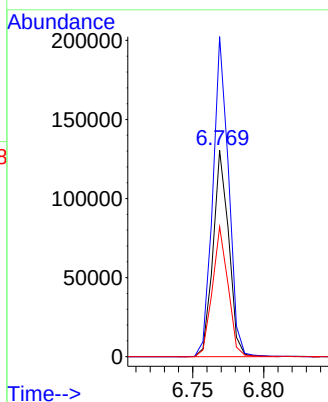
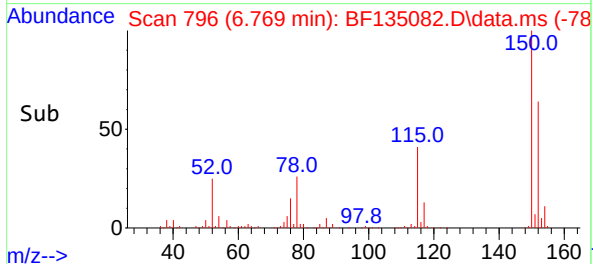
Instrument :
BNA_F
ClientSampleId :
C-3



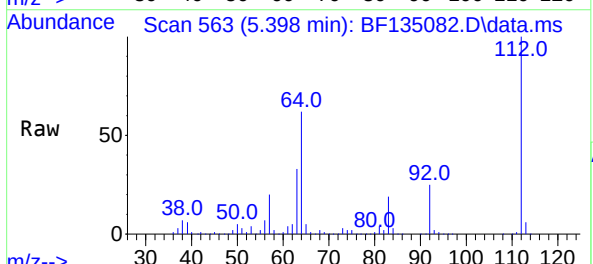
Tgt Ion:152 Resp: 100438
Ion Ratio Lower Upper
152 100
150 155.2 126.2 189.4
115 63.0 51.2 76.8

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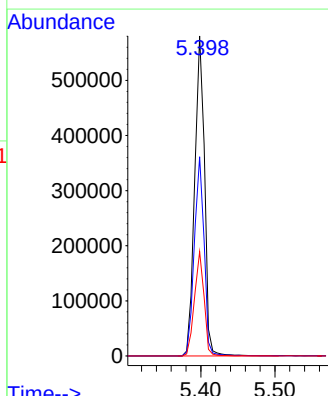
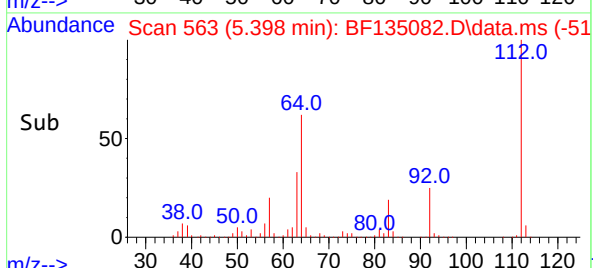
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/04/2023

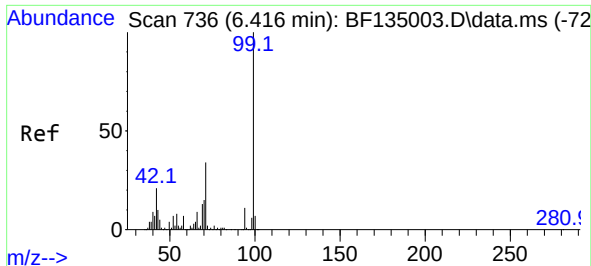


#5
2-Fluorophenol
Concen: 82.436 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF135082.D
Acq: 01 Sep 2023 18:14



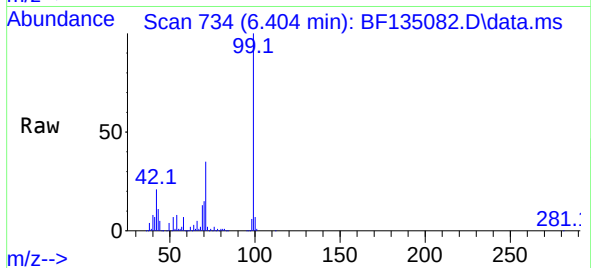
Tgt Ion:112 Resp: 536037
Ion Ratio Lower Upper
112 100
64 62.2 50.5 75.7
63 32.6 25.9 38.9





#7
Phenol-d6
Concen: 80.217 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135082.D
Acq: 01 Sep 2023 18:14

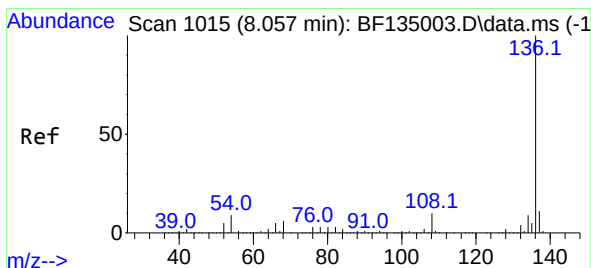
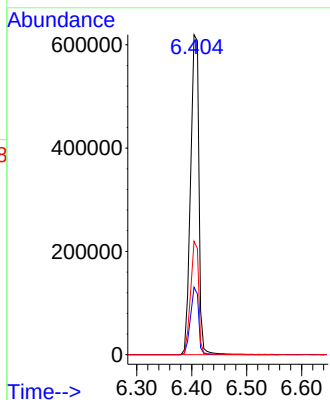
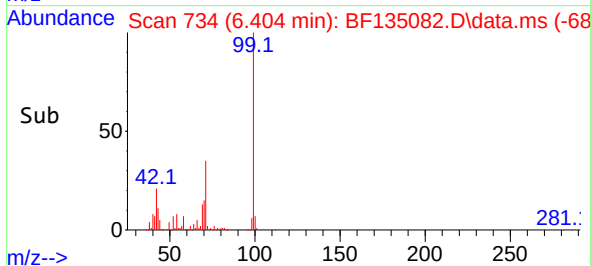
Instrument :
BNA_F
ClientSampleId :
C-3



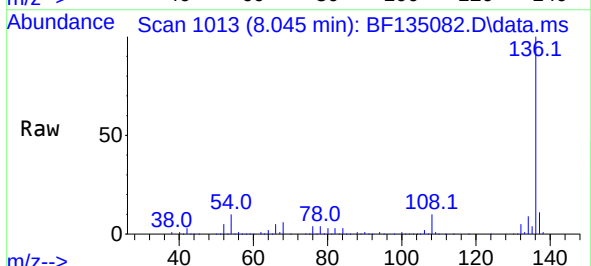
Tgt Ion: 99 Resp: 65014
Ion Ratio Lower Upper
99 100
42 21.1 16.6 25.0
71 35.4 27.0 40.6

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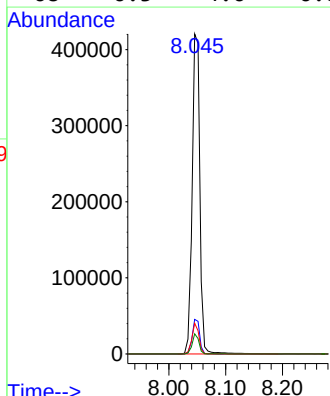
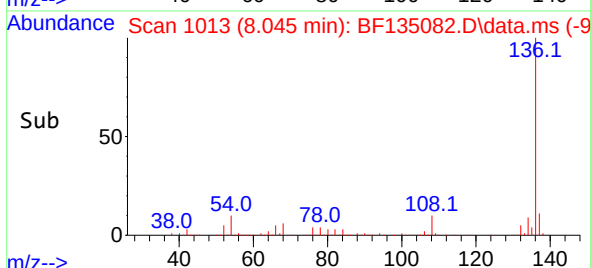
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/04/2023

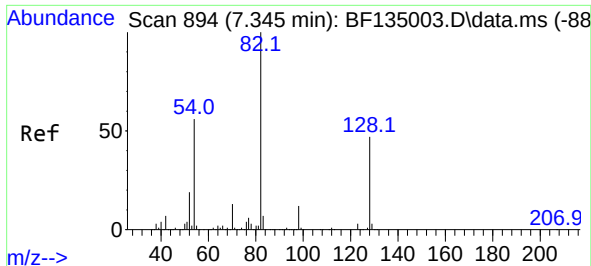


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135082.D
Acq: 01 Sep 2023 18:14



Tgt Ion:136 Resp: 396526
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.6 7.0 10.4
68 6.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 57.682 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135082.D

Acq: 01 Sep 2023 18:14

Instrument :

BNA_F

ClientSampleId :

C-3

Tgt Ion: 82 Resp: 407125

Ion Ratio Lower Upper

82 100

128 46.7 37.8 56.8

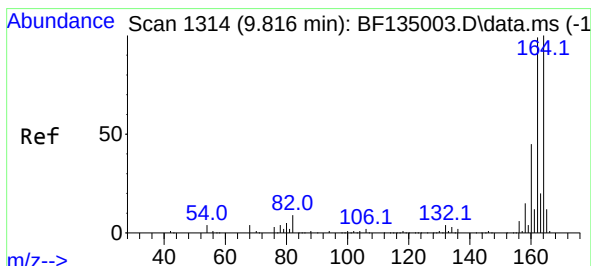
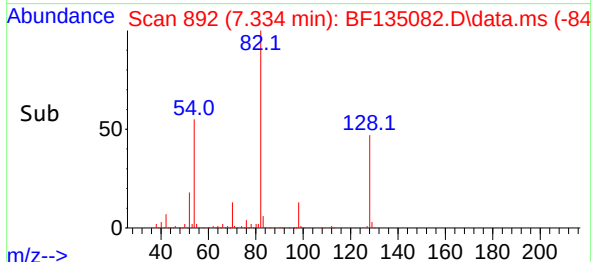
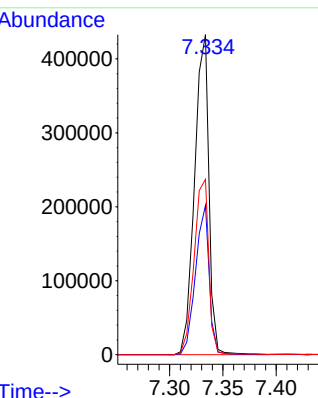
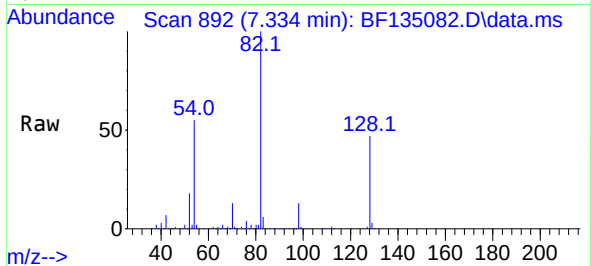
54 54.8 45.0 67.6

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.804 min Scan# 1312

Delta R.T. -0.012 min

Lab File: BF135082.D

Acq: 01 Sep 2023 18:14

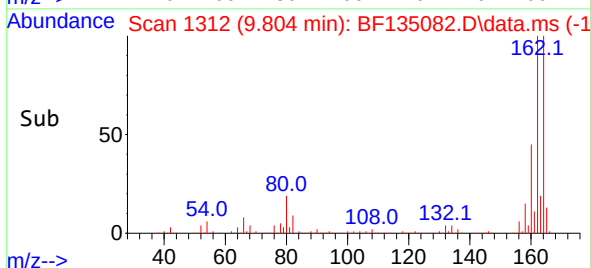
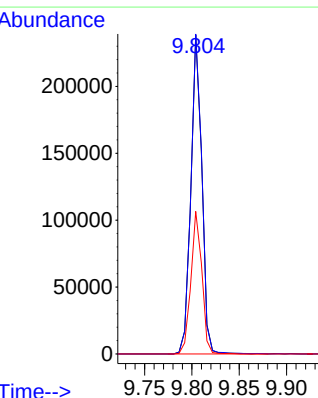
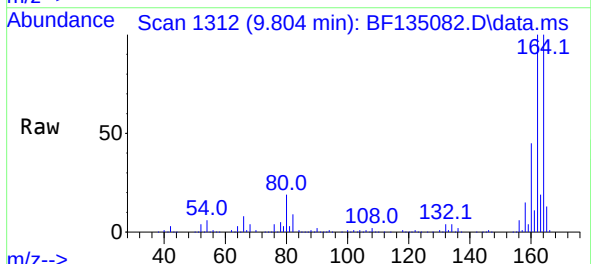
Tgt Ion:164 Resp: 191590

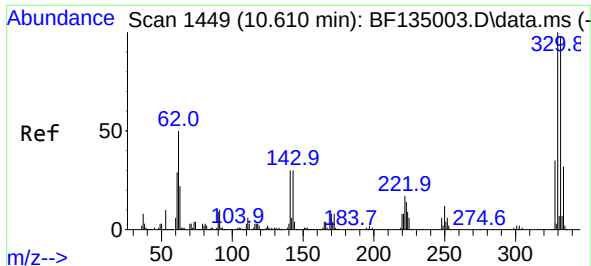
Ion Ratio Lower Upper

164 100

162 100.3 79.5 119.3

160 44.7 36.0 54.0





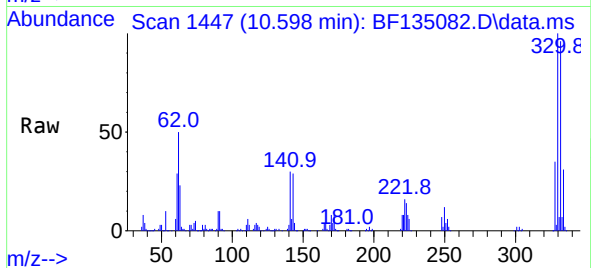
#42
2,4,6-Tribromophenol
Concen: 75.596 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF135082.D
Acq: 01 Sep 2023 18:14

Instrument :

BNA_F

ClientSampleId :

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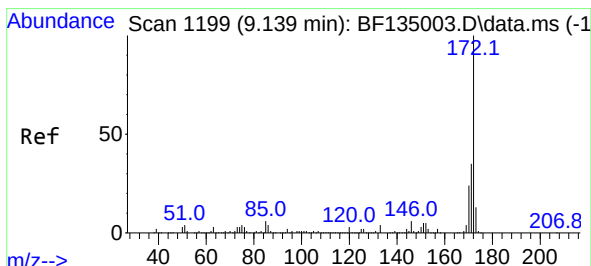
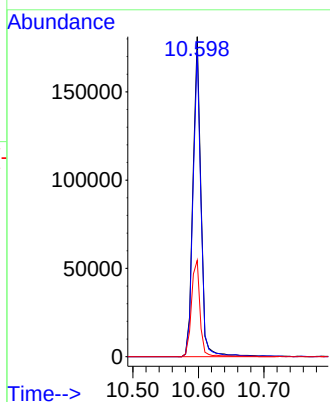
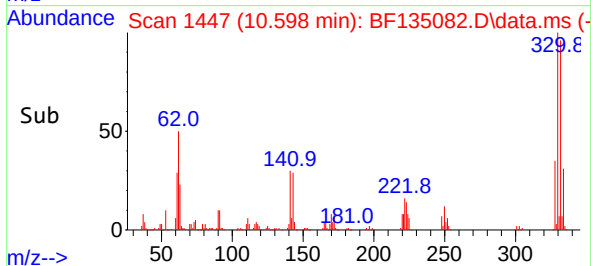


Tgt Ion:330 Resp: 153639
Ion Ratio Lower Upper
330 100
332 94.7 77.6 116.4
141 32.5 26.3 39.5

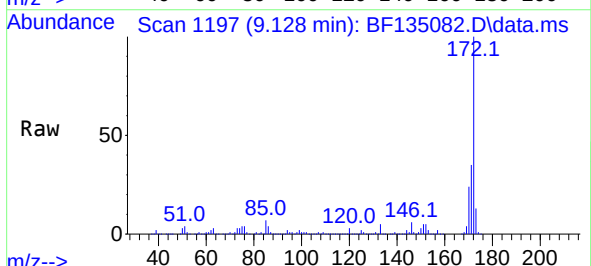
Manual Integrations

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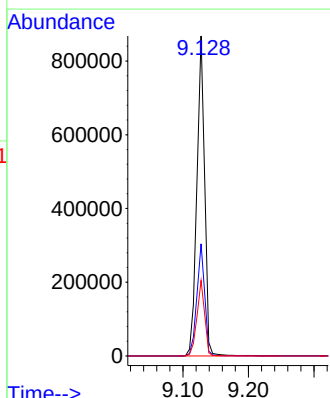
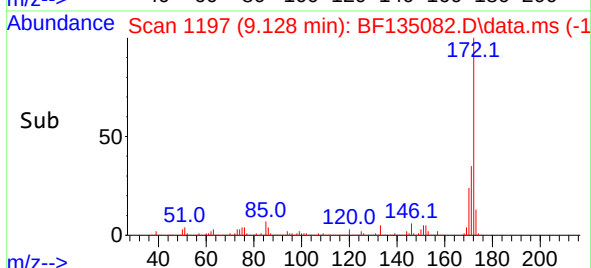
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/04/2023

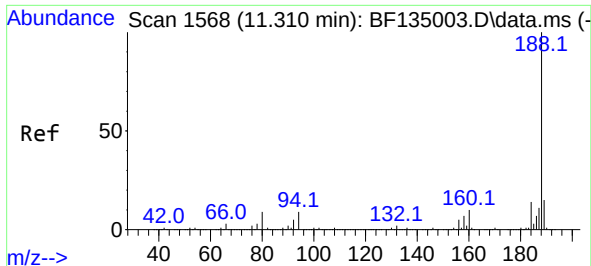


#45
2-Fluorobiphenyl
Concen: 61.496 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF135082.D
Acq: 01 Sep 2023 18:14



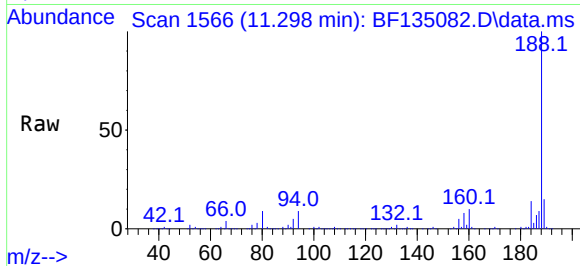
Tgt Ion:172 Resp: 723658
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.6 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF135082.D
Acq: 01 Sep 2023 18:14

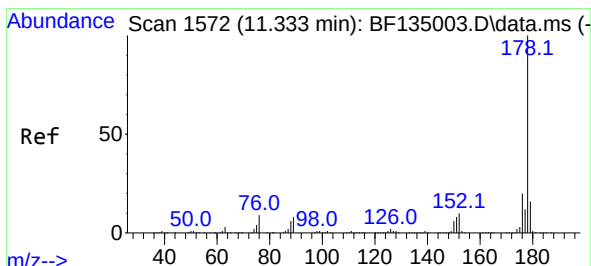
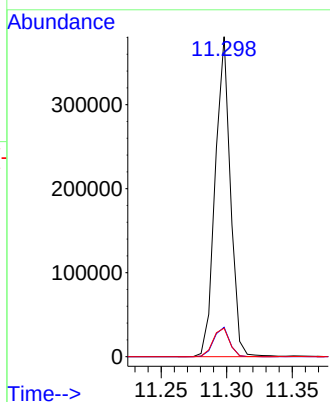
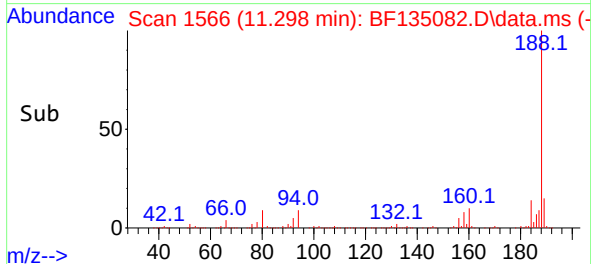
Instrument :
BNA_F
ClientSampleId :
C-3



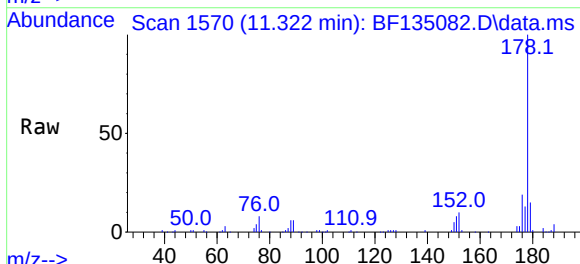
Tgt Ion:188 Resp: 306119
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.4
80 8.9 7.4 11.2

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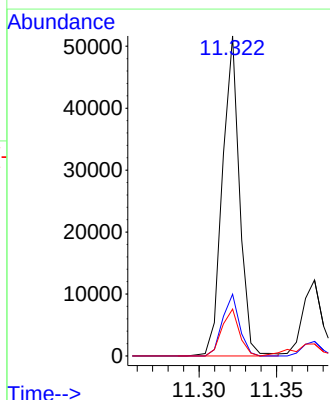
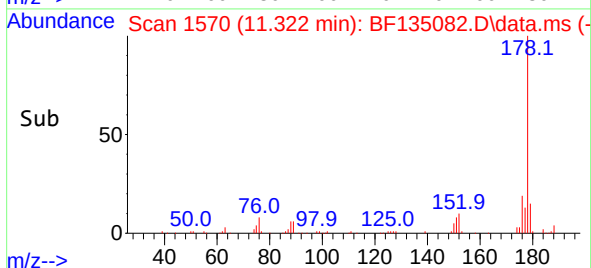
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/04/2023

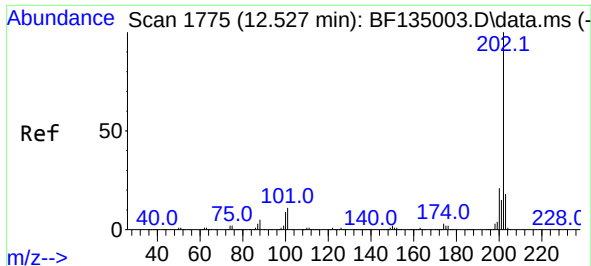


#71
Phenanthrene
Concen: 2.510 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF135082.D
Acq: 01 Sep 2023 18:14



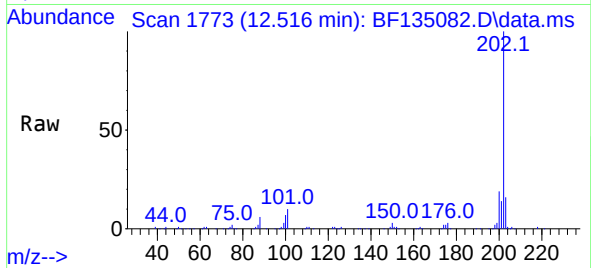
Tgt Ion:178 Resp: 39644
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 14.6 12.5 18.7





#75
Fluoranthene
Concen: 3.877 ng
RT: 12.516 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135082.D
Acq: 01 Sep 2023 18:14

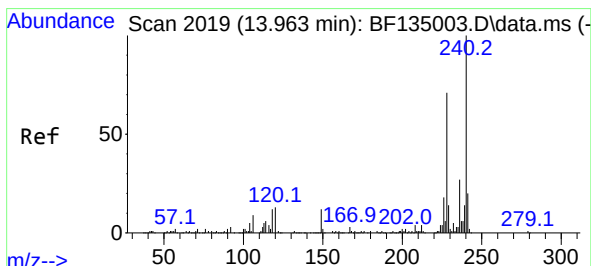
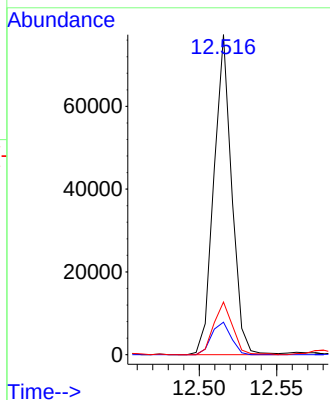
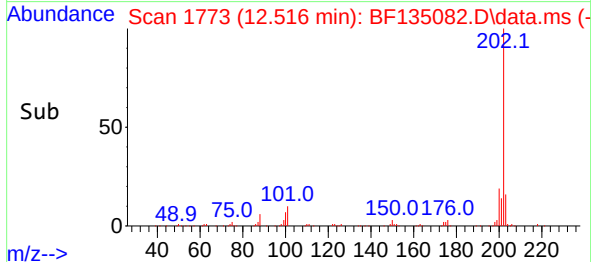
Instrument :
BNA_F
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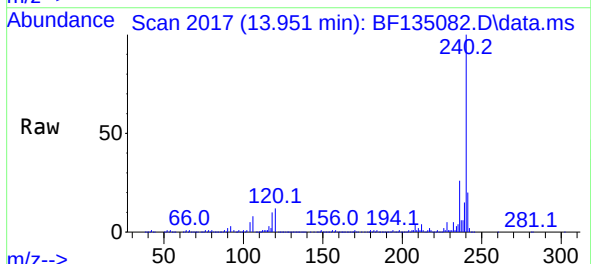
Tgt Ion:202 Resp: 6190
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.5
203 16.4 0.0 37.8

Manual Integrations
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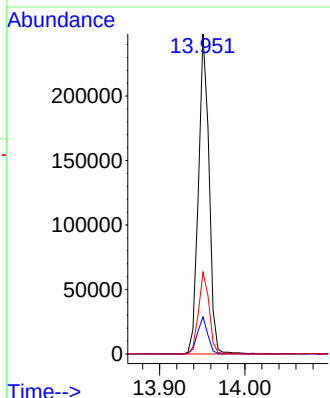
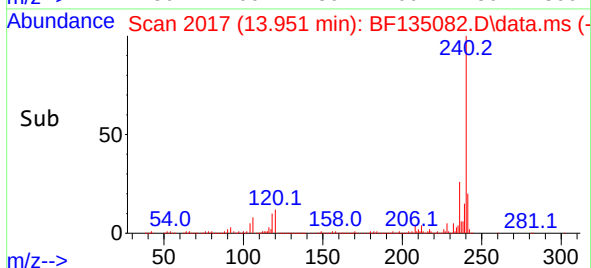
Reviewed By :Yogesh Patel 09/04/2023
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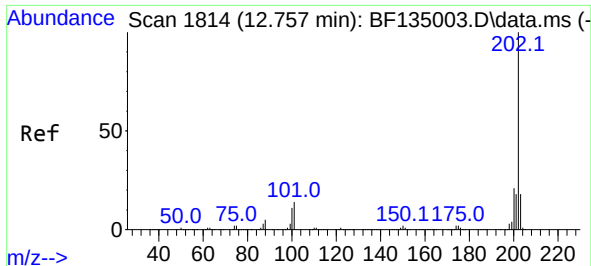


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF135082.D
Acq: 01 Sep 2023 18:14



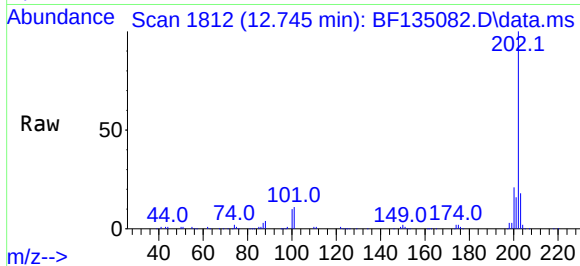
Tgt Ion:240 Resp: 214558
Ion Ratio Lower Upper
240 100
120 11.6 10.2 15.2
236 25.5 21.3 31.9





#78
Pyrene
Concen: 2.835 ng
RT: 12.745 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF135082.D
Acq: 01 Sep 2023 18:14

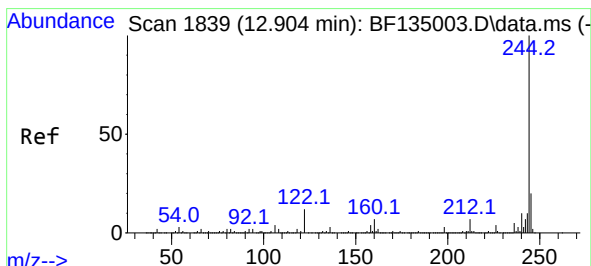
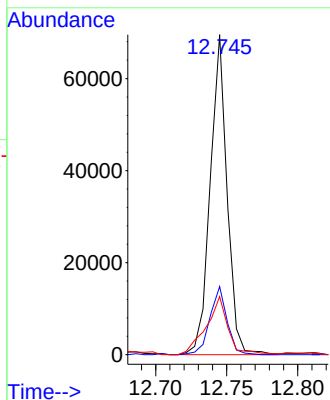
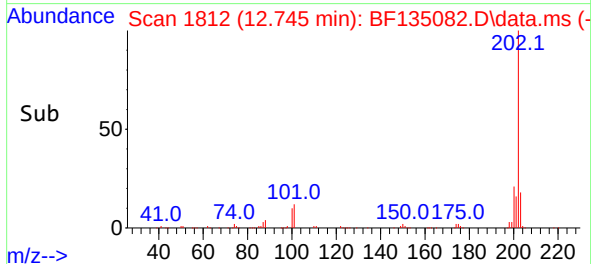
Instrument :
BNA_F
ClientSampleId :
C-3



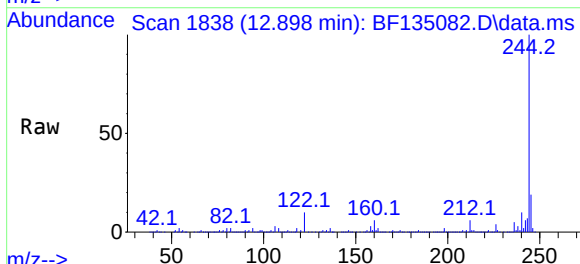
Tgt Ion:202 Resp: 57758
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 18.2 14.2 21.2

Manual Integrations
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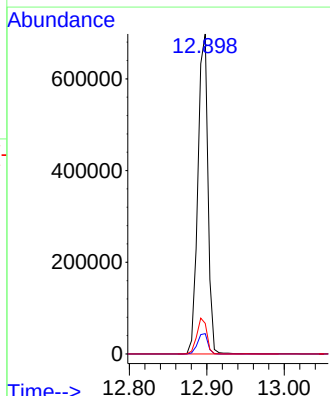
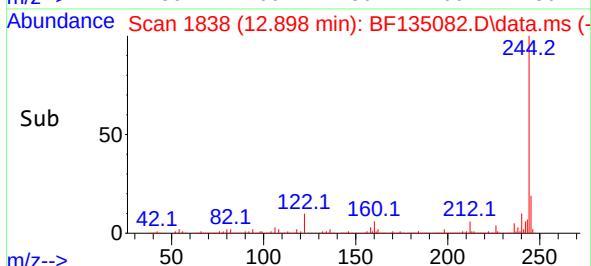
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/04/2023

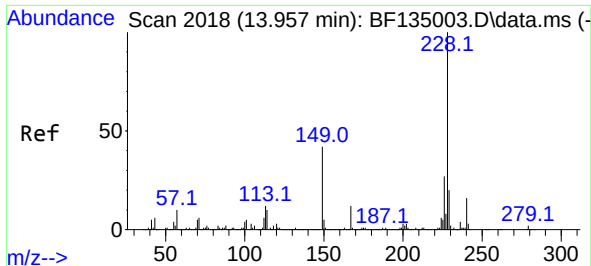


#79
Terphenyl-d14
Concen: 47.668 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135082.D
Acq: 01 Sep 2023 18:14



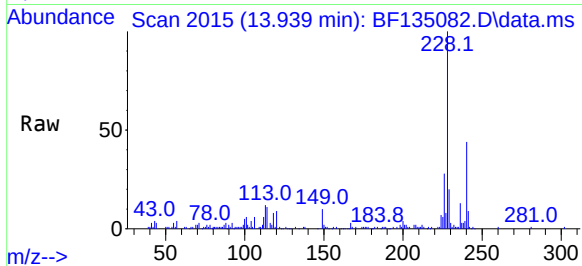
Tgt Ion:244 Resp: 626730
Ion Ratio Lower Upper
244 100
212 6.4 5.6 8.4
122 9.5 9.8 14.6#





#81
Benzo(a)anthracene
Concen: 2.910 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.018 min
Lab File: BF135082.D
Acq: 01 Sep 2023 18:14

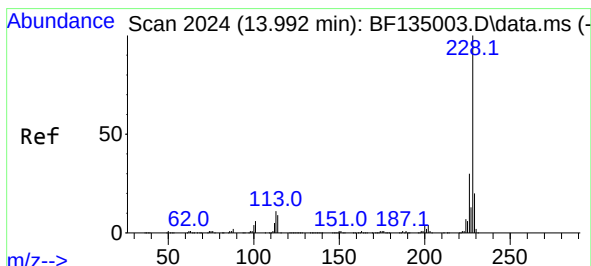
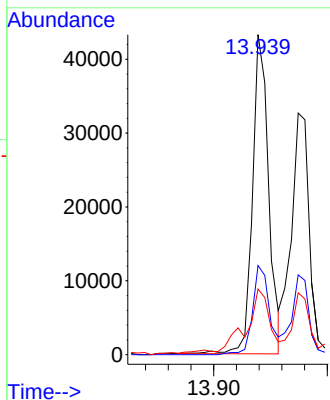
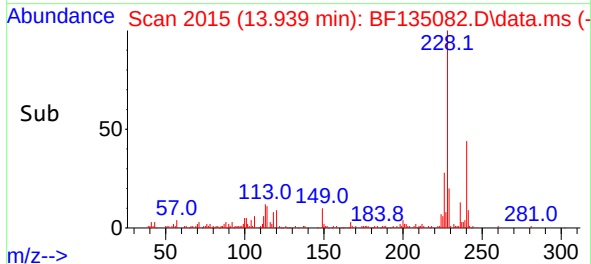
Instrument :
BNA_F
ClientSampleId :
C-3



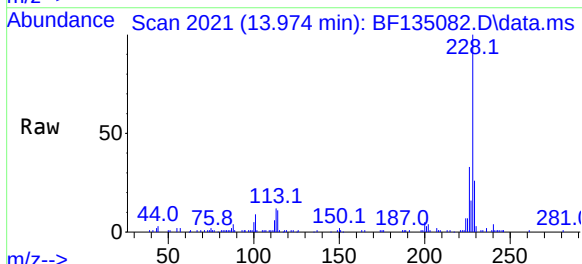
Tgt Ion:228 Resp: 4258
Ion Ratio Lower Upper
228 100
226 27.9 21.6 32.4
229 20.5 15.6 23.4

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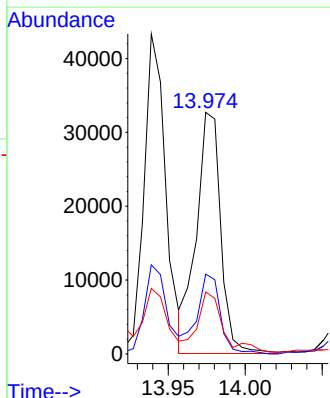
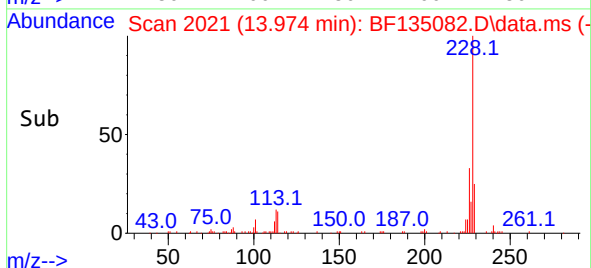
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/04/2023

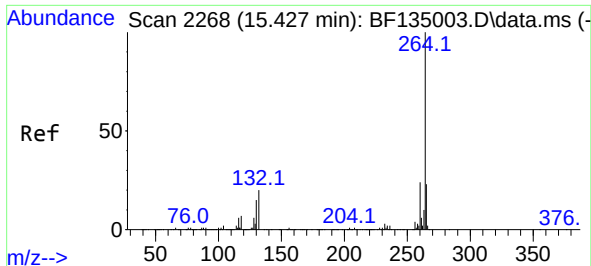


#83
Chrysene
Concen: 2.516 ng m
RT: 13.974 min Scan# 2021
Delta R.T. -0.018 min
Lab File: BF135082.D
Acq: 01 Sep 2023 18:14



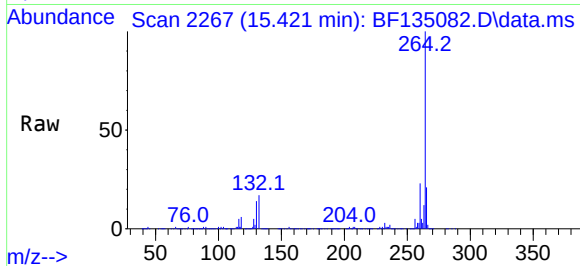
Tgt Ion:228 Resp: 36182
Ion Ratio Lower Upper
228 100
226 33.0 24.2 36.4
229 25.7 15.9 23.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF135082.D
Acq: 01 Sep 2023 18:14

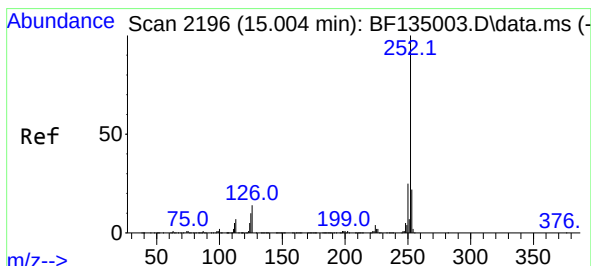
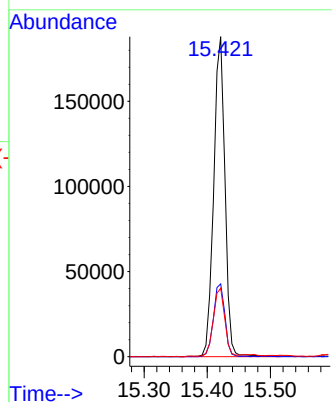
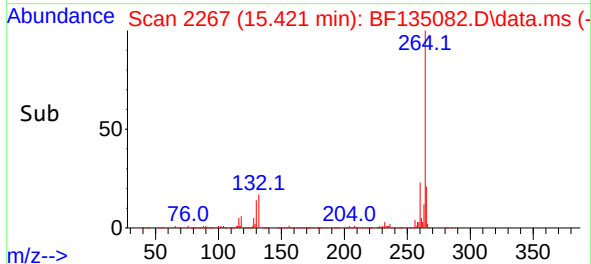
Instrument :
BNA_F
ClientSampleId :
C-3



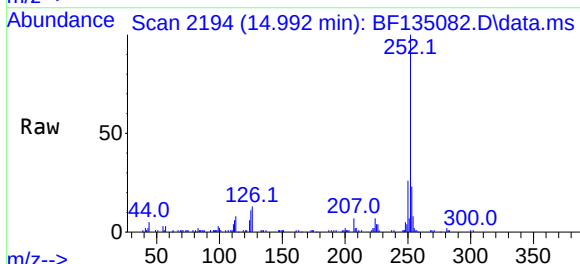
Tgt Ion:264 Resp: 23280
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.6
265 21.4 18.2 27.2

Manual Integrations
APPROVED

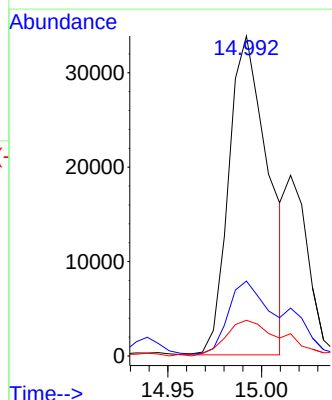
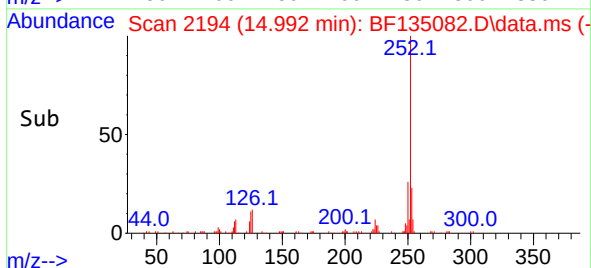
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/04/2023

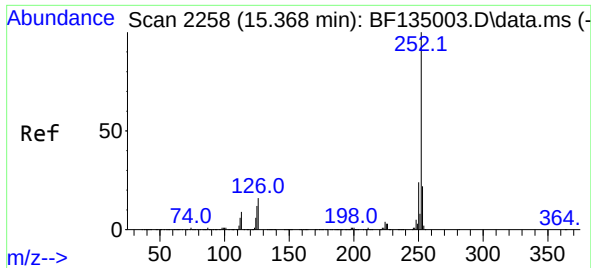


#88
Benzo(b)fluoranthene
Concen: 3.424 ng m
RT: 14.992 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BF135082.D
Acq: 01 Sep 2023 18:14



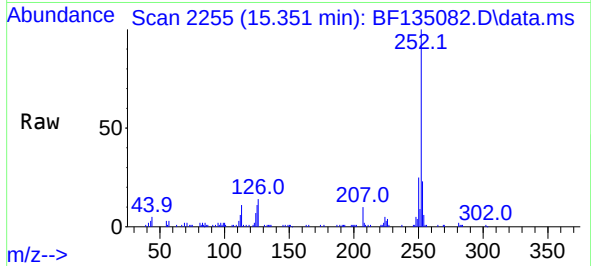
Tgt Ion:252 Resp: 49600
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 11.1 8.4 12.6





#90
Benzo(a)pyrene
Concen: 2.784 ng
RT: 15.351 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF135082.D
Acq: 01 Sep 2023 18:14

Instrument :
BNA_F
ClientSampleId :
C-3



Tgt Ion:	252	Resp:	3746
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.4	26.0
125	10.8	9.5	14.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/04/2023

