

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135119.D
 Acq On : 06 Sep 2023 04:58
 Operator : CG\JU
 Sample : 04203-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(12-12.5)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/06/2023
 Supervised By :mohammad ahmed 09/07/2023

Quant Time: Sep 06 05:59:17 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	6.775	152	109689	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	431459	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	203514	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	318050	20.000	ng	-0.01
76) Chrysene-d12	13.956	240	221381	20.000	ng	0.00
86) Perylene-d12	15.427	264	192555	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	531163	74.797	ng	0.00
7) Phenol-d6	6.410	99	655188	74.021	ng	0.00
23) Nitrobenzene-d5	7.333	82	403487	52.538	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	128477	59.512	ng	-0.01
45) 2-Fluorobiphenyl	9.127	172	664968	53.197	ng	-0.01
79) Terphenyl-d14	12.898	244	525056	38.704	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.321	178	41475	2.528	ng	97
75) Fluoranthene	12.515	202	57832	3.486	ng	99
78) Pyrene	12.745	202	52339	2.490	ng	98
81) Benzo(a)anthracene	13.945	228	39700	2.629	ng	97
83) Chrysene	13.980	228	29958	2.019	ng	98
88) Benzo(b)fluoranthene	14.998	252	37293m	3.113	ng	
90) Benzo(a)pyrene	15.362	252	28650	2.574	ng	94

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

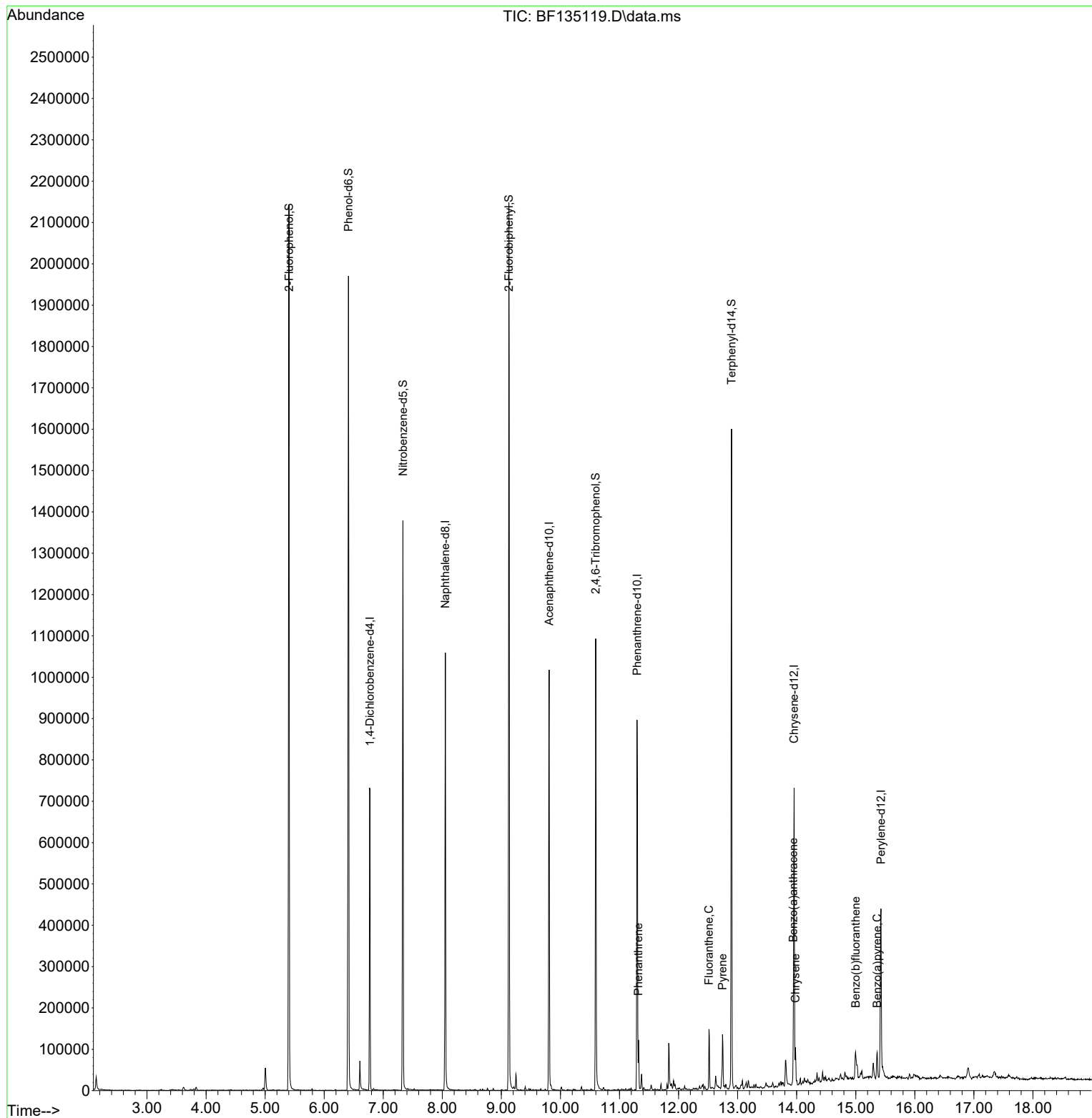
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135119.D
Acq On : 06 Sep 2023 04:58
Operator : CG\JU
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ALS Vial : 30 Sample Multiplier: 1

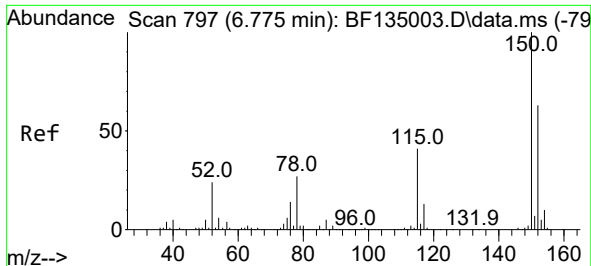
Instrument :
BNA_F
ClientSampleId :
SB-2(12-12.5)

Quant Time: Sep 06 05:59:17 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

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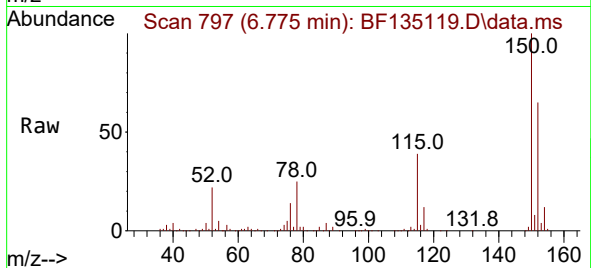
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF135119.D
Acq: 06 Sep 2023 04:58

Instrument :

BNA_F

ClientSampleId :

SB-2(12-12.5)

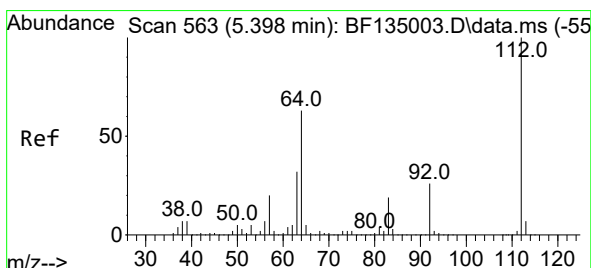
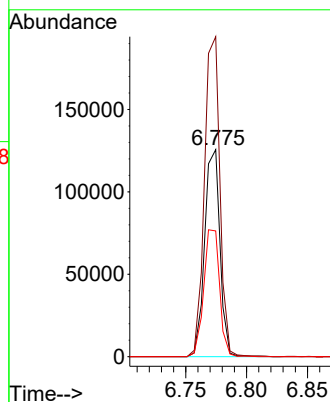
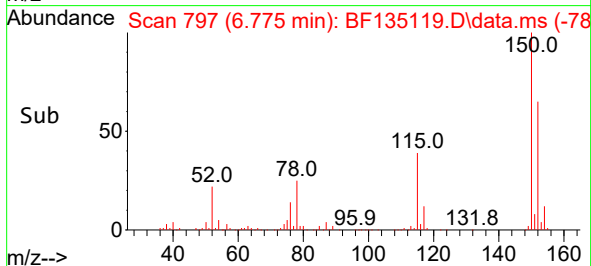


Tgt Ion:152 Resp: 109689
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.4
115 60.7 51.2 76.8

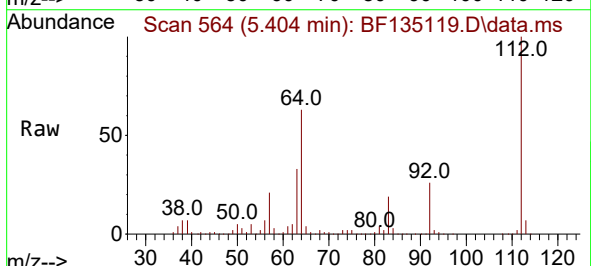
Manual Integrations

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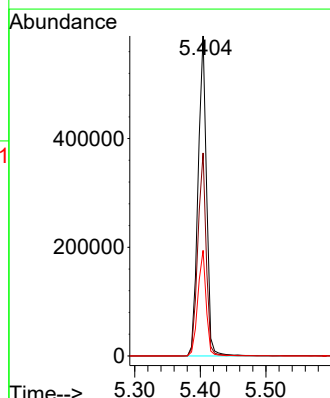
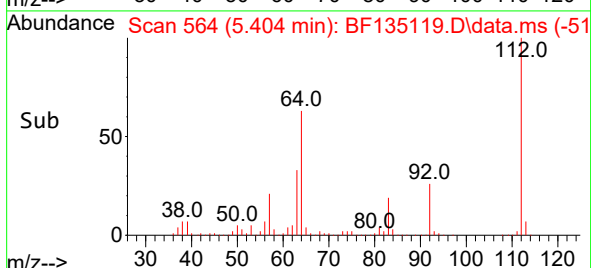
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#5
2-Fluorophenol
Concen: 74.797 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135119.D
Acq: 06 Sep 2023 04:58



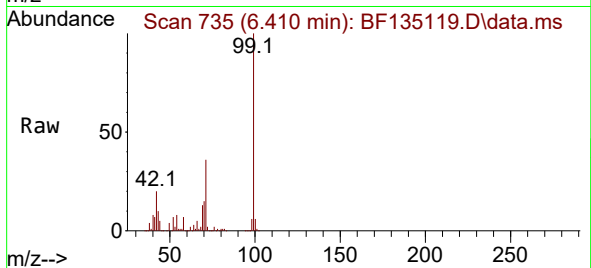
Tgt Ion:112 Resp: 531163
Ion Ratio Lower Upper
112 100
64 63.5 50.5 75.7
63 33.0 25.9 38.9





#7
Phenol-d6
Concen: 74.021 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135119.D
Acq: 06 Sep 2023 04:58

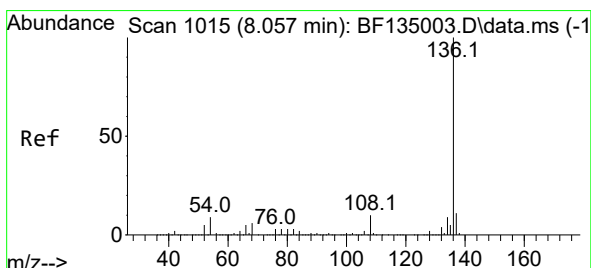
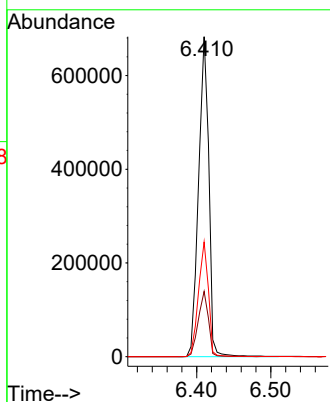
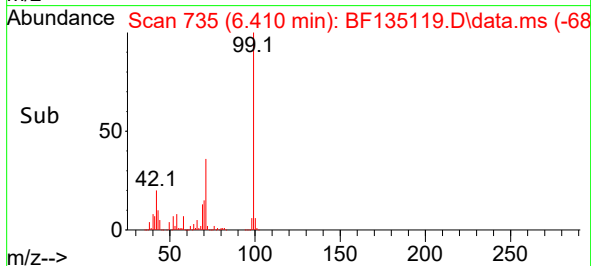
Instrument :
BNA_F
ClientSampleId :
SB-2(12-12.5)



Tgt Ion: 99 Resp: 655188
Ion Ratio Lower Upper
99 100
42 20.4 16.6 25.0
71 35.9 27.0 40.6

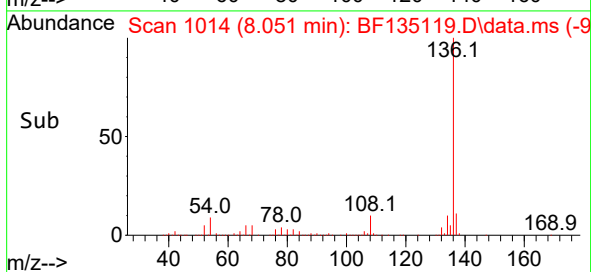
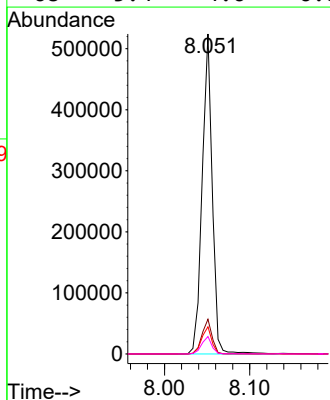
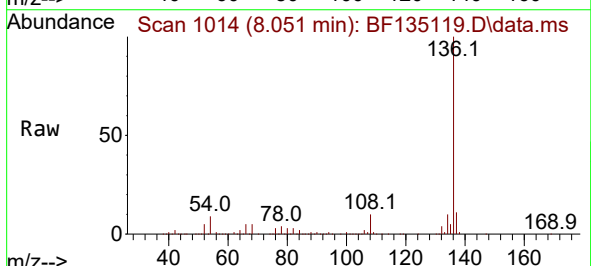
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Supervised By :mohammad ahmed 09/07/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135119.D
Acq: 06 Sep 2023 04:58

Tgt Ion:136 Resp: 431459
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.5 7.0 10.4
68 5.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 52.538 ng

RT: 7.333 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135119.D

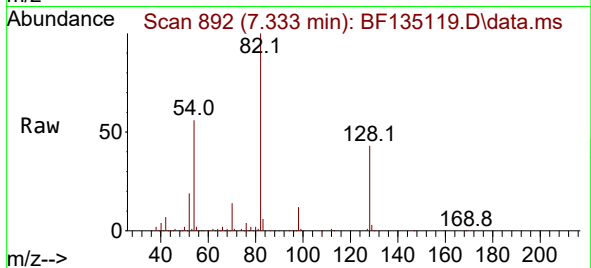
Acq: 06 Sep 2023 04:58

Instrument :

BNA_F

ClientSampleId :

SB-2(12-12.5)

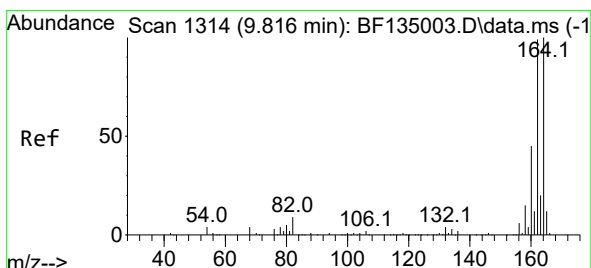
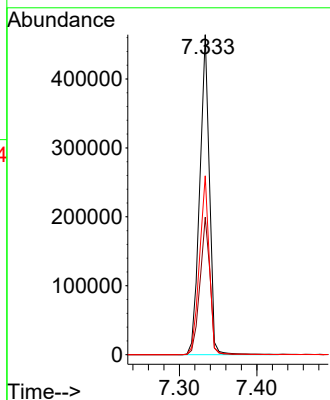
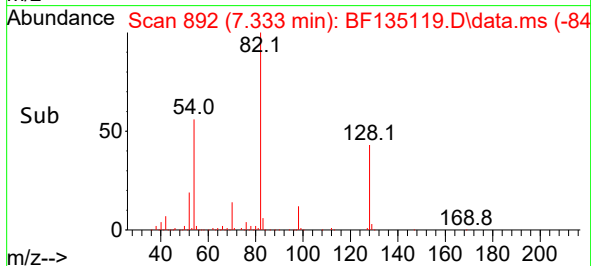


Tgt Ion: 82 Resp: 40348

Ion	Ratio	Lower	Upper
82	100		
128	43.0	37.8	56.8
54	55.9	45.0	67.6

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Supervised By :mohammad ahmed 09/07/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

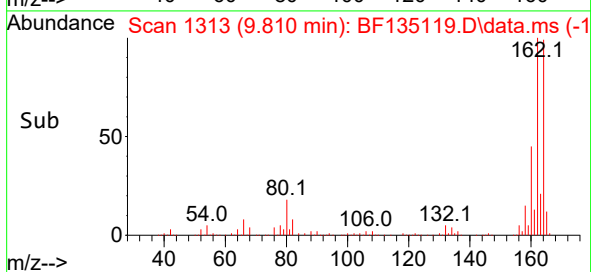
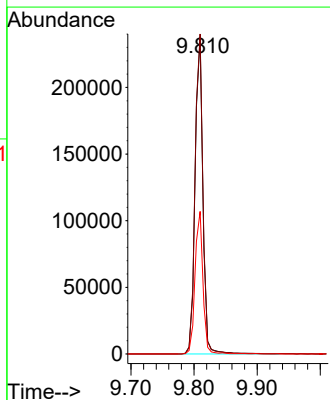
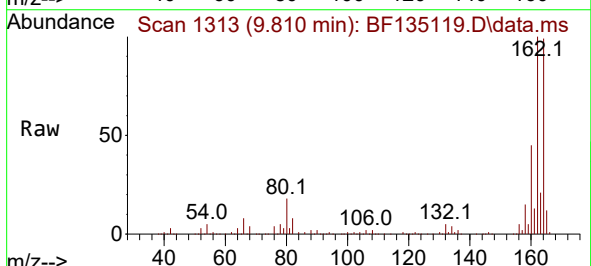
Delta R.T. -0.006 min

Lab File: BF135119.D

Acq: 06 Sep 2023 04:58

Tgt Ion:164 Resp: 203514

Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.5	119.3
160	45.0	36.0	54.0





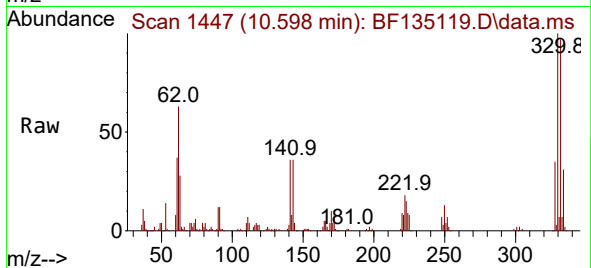
#42
2,4,6-Tribromophenol
Concen: 59.512 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF135119.D
Acq: 06 Sep 2023 04:58

Instrument :

BNA_F

ClientSampleId :

SB-2(12-12.5)

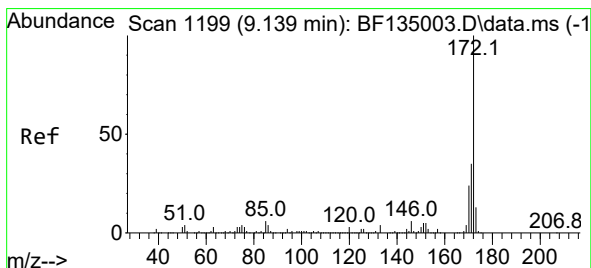
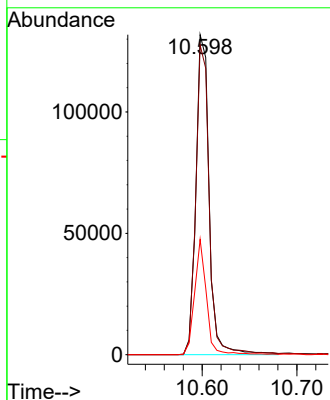
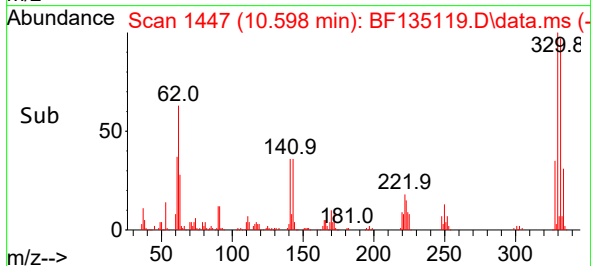


Tgt Ion:330 Resp: 12847
Ion Ratio Lower Upper
330 100
332 98.8 77.6 116.4
141 32.5 26.3 39.5

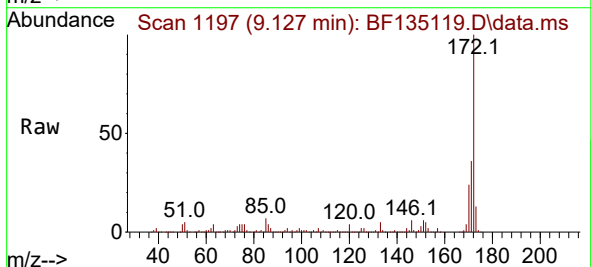
Manual Integrations

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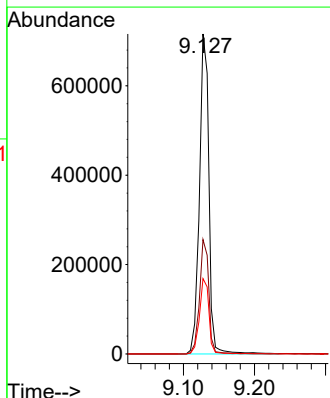
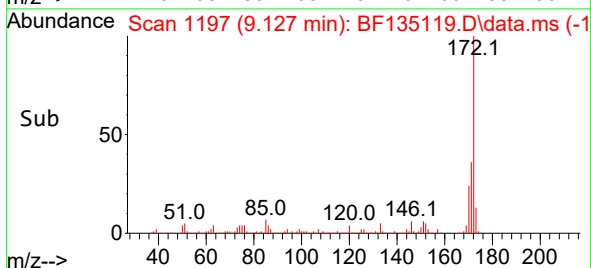
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

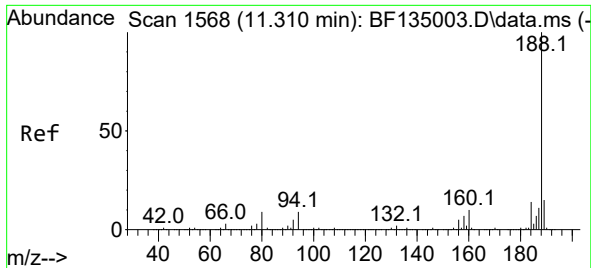


#45
2-Fluorobiphenyl
Concen: 53.197 ng
RT: 9.127 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF135119.D
Acq: 06 Sep 2023 04:58



Tgt Ion:172 Resp: 664968
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.6 19.0 28.4





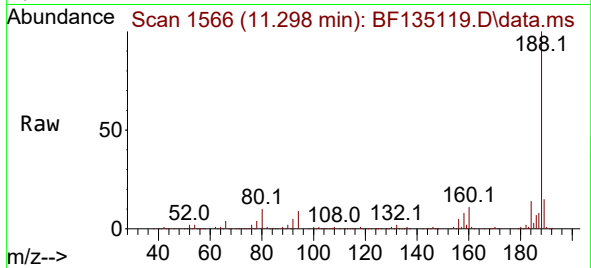
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135119.D
Acq: 06 Sep 2023 04:58

Instrument :

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ClientSampleId :

SB-2(12-12.5)

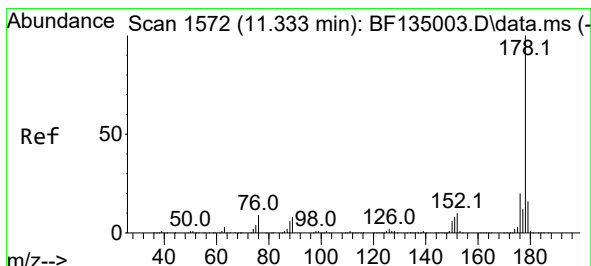
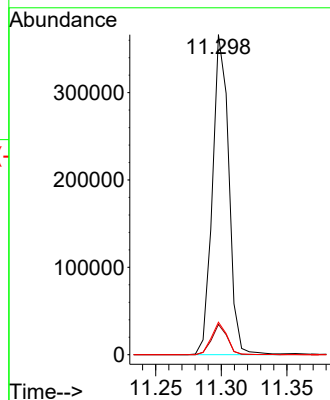
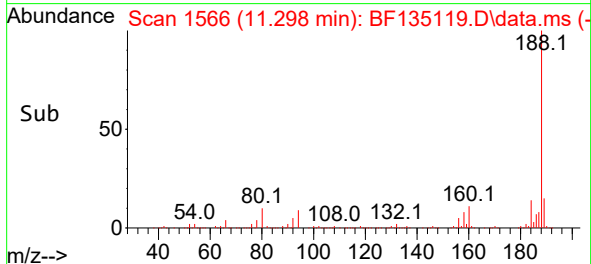


Tgt Ion:188 Resp: 318050
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 10.1 7.4 11.2

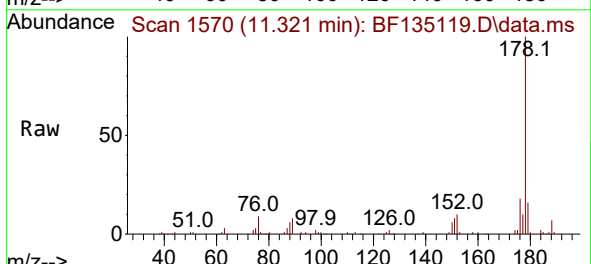
Manual Integrations

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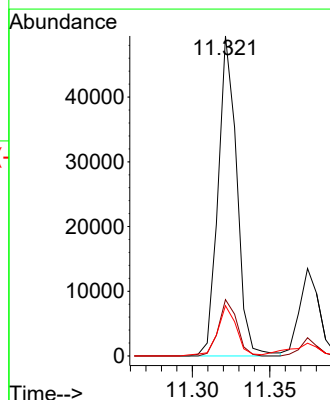
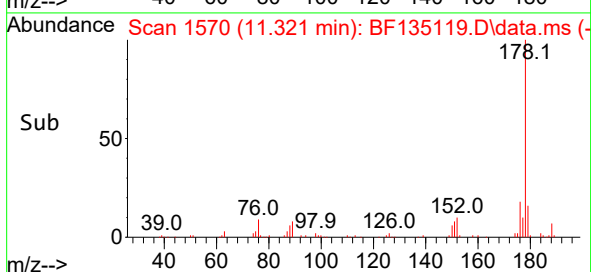
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

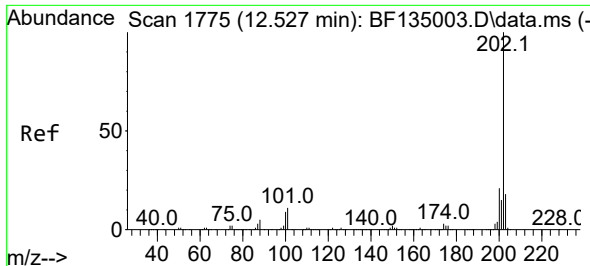


#71
Phenanthrene
Concen: 2.528 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF135119.D
Acq: 06 Sep 2023 04:58



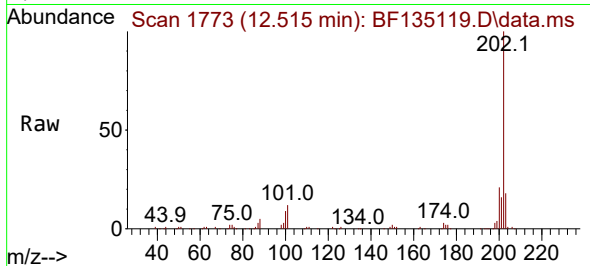
Tgt Ion:178 Resp: 41475
Ion Ratio Lower Upper
178 100
176 17.6 15.9 23.9
179 15.7 12.5 18.7





#75
Fluoranthene
Concen: 3.486 ng
RT: 12.515 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BF135119.D
Acq: 06 Sep 2023 04:58

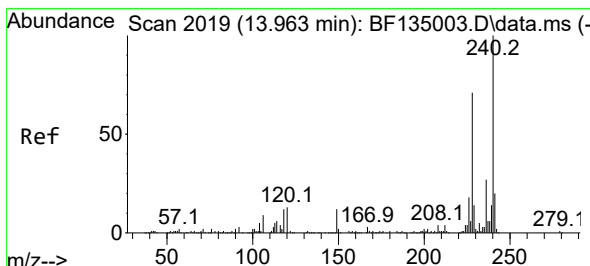
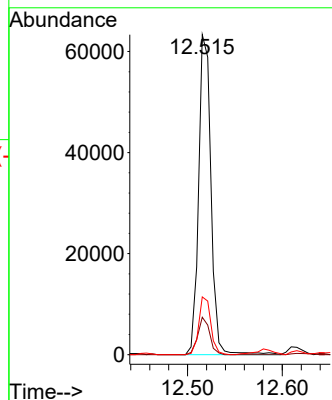
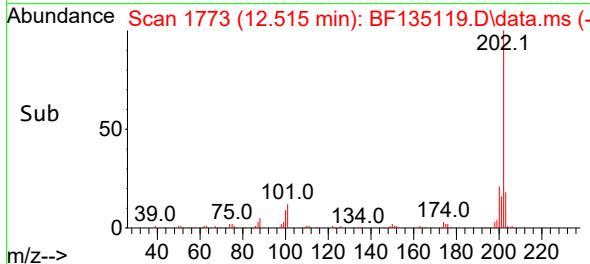
Instrument :
BNA_F
ClientSampleId :
SB-2(12-12.5)



Tgt Ion:202 Resp: 5783
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.5
203 18.1 0.0 37.8

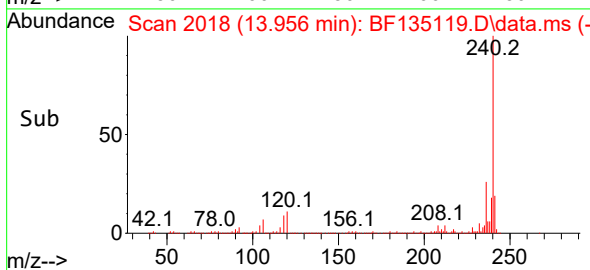
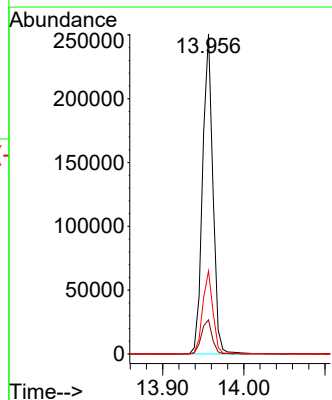
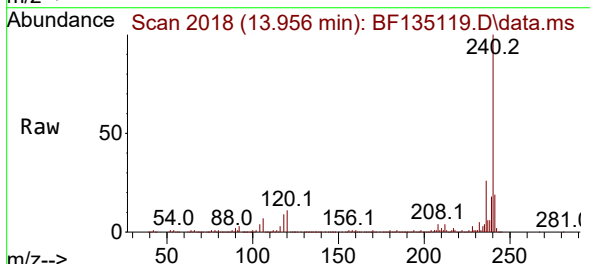
Manual Integrations
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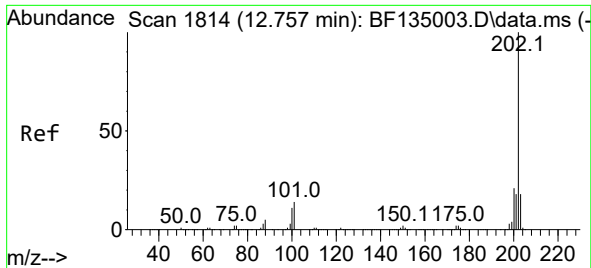
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.956 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135119.D
Acq: 06 Sep 2023 04:58

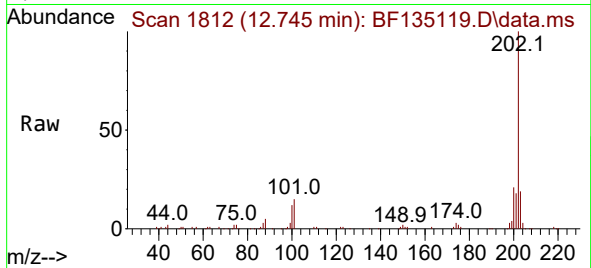
Tgt Ion:240 Resp: 221381
Ion Ratio Lower Upper
240 100
120 10.6 10.2 15.2
236 25.9 21.3 31.9





#78
Pyrene
Concen: 2.490 ng
RT: 12.745 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF135119.D
Acq: 06 Sep 2023 04:58

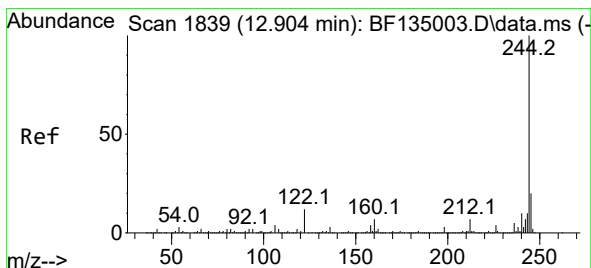
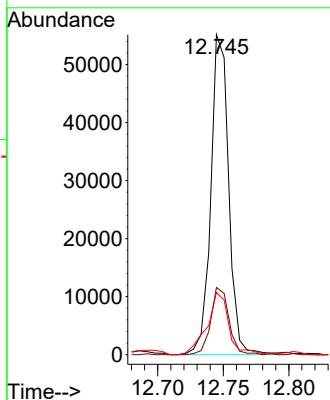
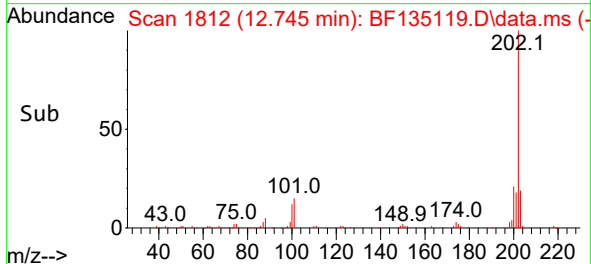
Instrument :
BNA_F
ClientSampleId :
SB-2(12-12.5)



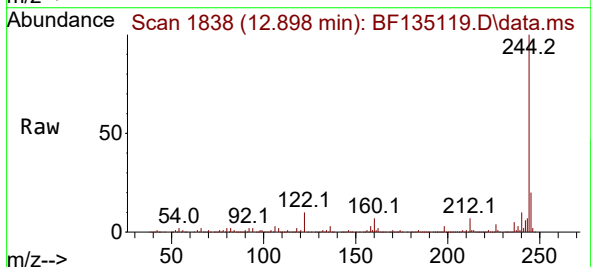
Tgt Ion:202 Resp: 52339
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.6
203 19.4 14.2 21.2

Manual Integrations
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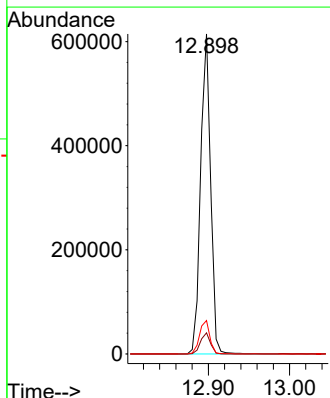
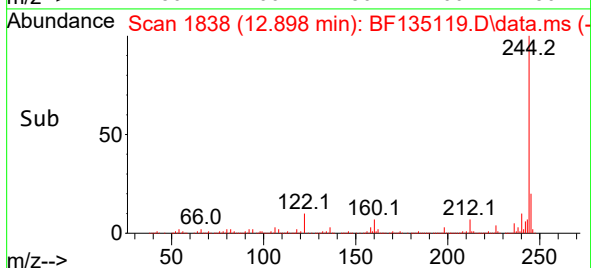
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

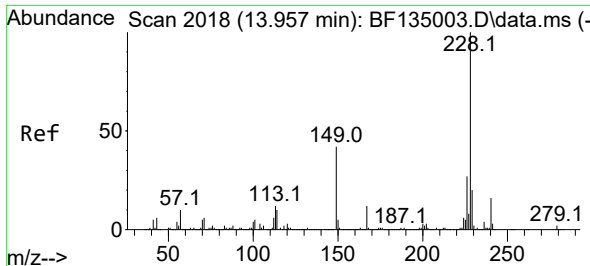


#79
Terphenyl-d14
Concen: 38.704 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135119.D
Acq: 06 Sep 2023 04:58



Tgt Ion:244 Resp: 525056
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 10.5 9.8 14.6





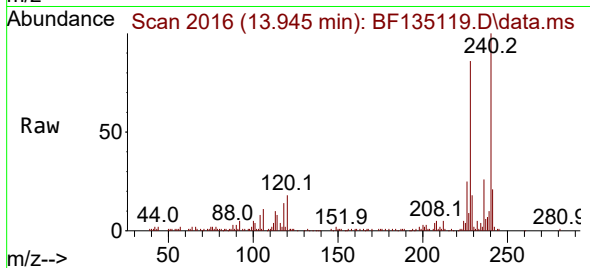
#81
Benzo(a)anthracene
Concen: 2.629 ng
RT: 13.945 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF135119.D
Acq: 06 Sep 2023 04:58

Instrument :

BNA_F

ClientSampleId :

SB-2(12-12.5)

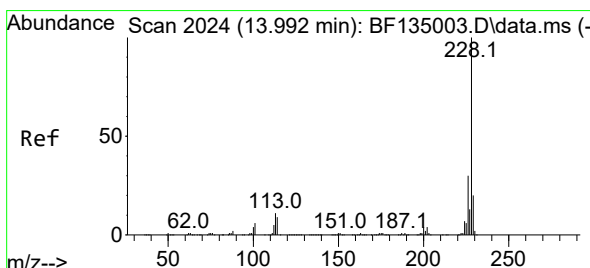
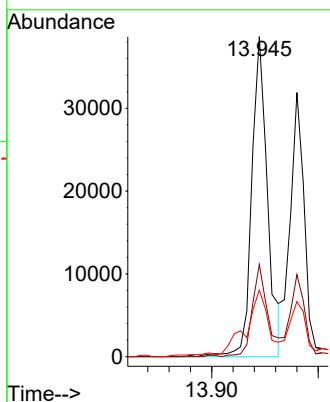
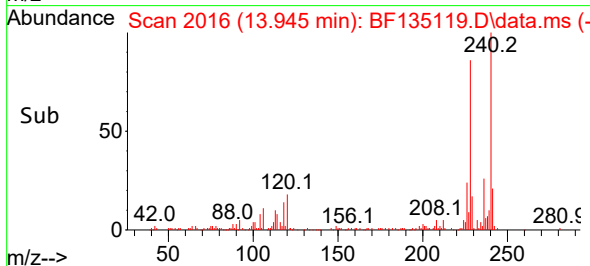


Tgt Ion:228 Resp: 39700
Ion Ratio Lower Upper
228 100
226 28.8 21.6 32.4
229 20.8 15.6 23.4

Manual Integrations

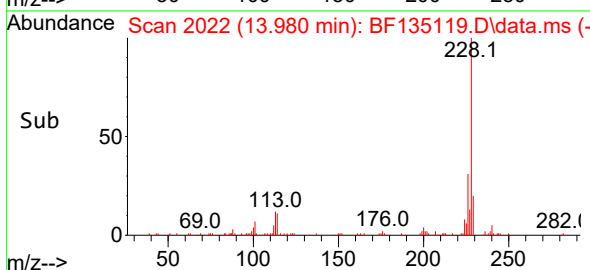
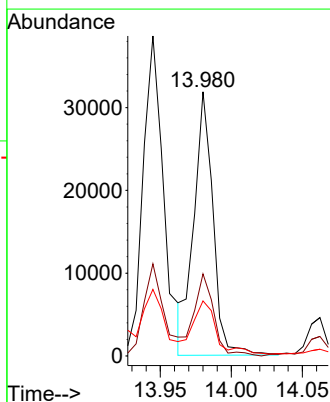
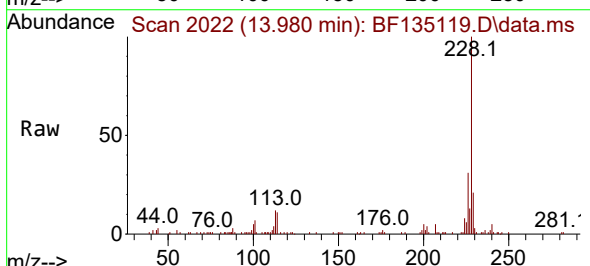
APPROVED

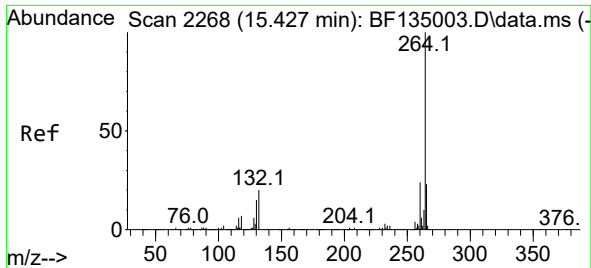
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#83
Chrysene
Concen: 2.019 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF135119.D
Acq: 06 Sep 2023 04:58

Tgt Ion:228 Resp: 29958
Ion Ratio Lower Upper
228 100
226 31.1 24.2 36.4
229 20.9 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BF135119.D
Acq: 06 Sep 2023 04:58

Instrument :

BNA_F

ClientSampleId :

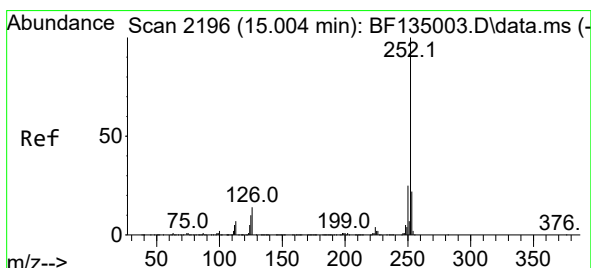
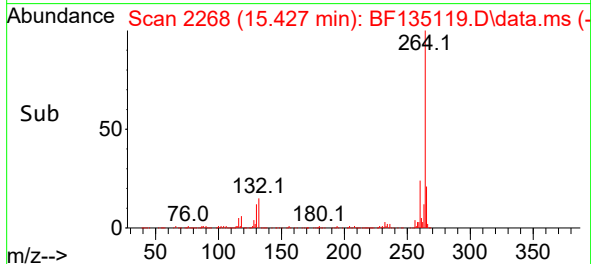
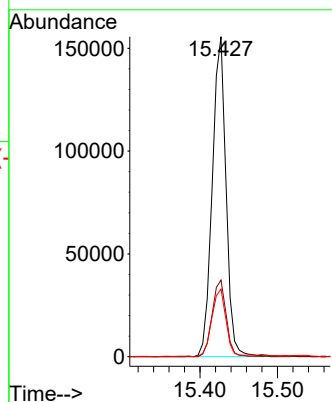
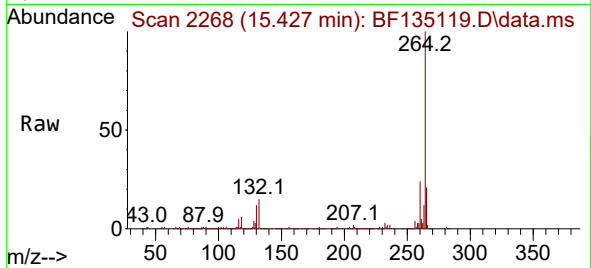
SB-2(12-12.5)

Tgt Ion:264 Resp: 19255
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.2 18.2 27.2

Manual Integrations

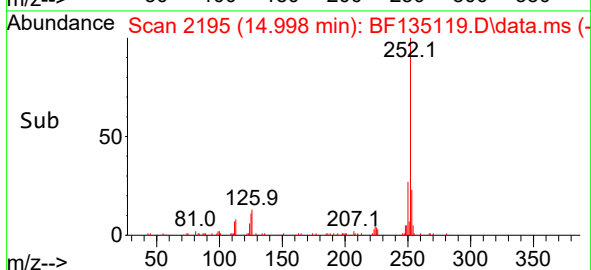
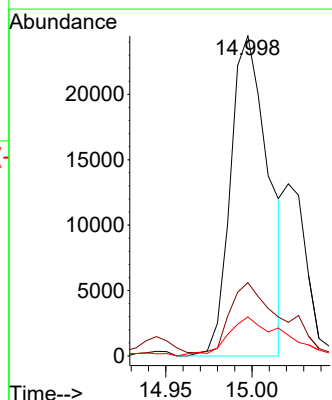
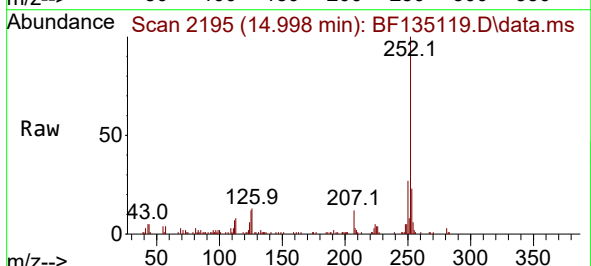
APPROVED

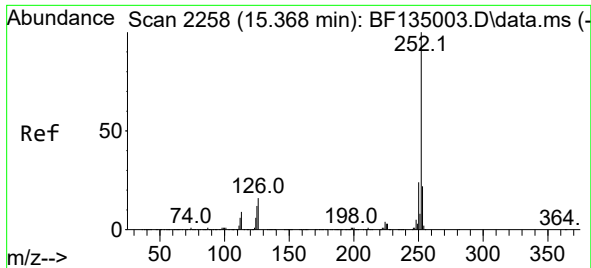
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#88
Benzo(b)fluoranthene
Concen: 3.113 ng m
RT: 14.998 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF135119.D
Acq: 06 Sep 2023 04:58

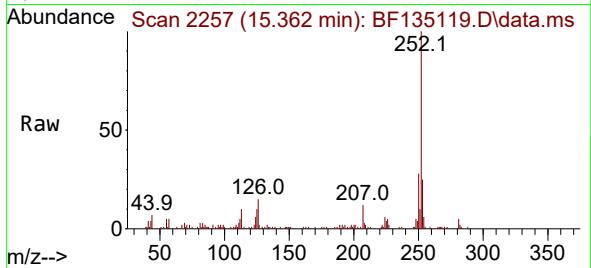
Tgt Ion:252 Resp: 37293
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 12.2 8.4 12.6





#90
Benzo(a)pyrene
Concen: 2.574 ng
RT: 15.362 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135119.D
Acq: 06 Sep 2023 04:58

Instrument :
BNA_F
ClientSampleId :
SB-2(12-12.5)



Tgt Ion:252 Resp: 28650
Ion Ratio Lower Upper
252 100
253 24.9 17.4 26.0
125 9.6 9.5 14.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

