

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
 Data File : BF135081.D
 Acq On : 01 Sep 2023 17:42
 Operator : CG\JU
 Sample : 04203-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Sep 04 01:08:59 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	87249	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	346982	20.000	ng	-0.01
39) Acenaphthene-d10	9.804	164	162940	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	260861	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	187912	20.000	ng	-0.01
86) Perylene-d12	15.421	264	211003	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	435425	77.086	ng	0.00
7) Phenol-d6	6.404	99	515215	73.178	ng	-0.01
23) Nitrobenzene-d5	7.328	82	315997	51.164	ng	-0.02
42) 2,4,6-Tribromophenol	10.598	330	110216	63.766	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	530980	53.056	ng	-0.01
79) Terphenyl-d14	12.892	244	407479	35.387	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.322	178	32151	2.389	ng	97
75) Fluoranthene	12.516	202	43010	3.161	ng	98
78) Pyrene	12.745	202	41112	2.304	ng	100
81) Benzo(a)anthracene	13.939	228	31453	2.454	ng	93
83) Chrysene	13.980	228	26759m	2.124	ng	
88) Benzo(b)fluoranthene	14.992	252	39011m	2.971	ng	
90) Benzo(a)pyrene	15.357	252	30021	2.461	ng	94

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

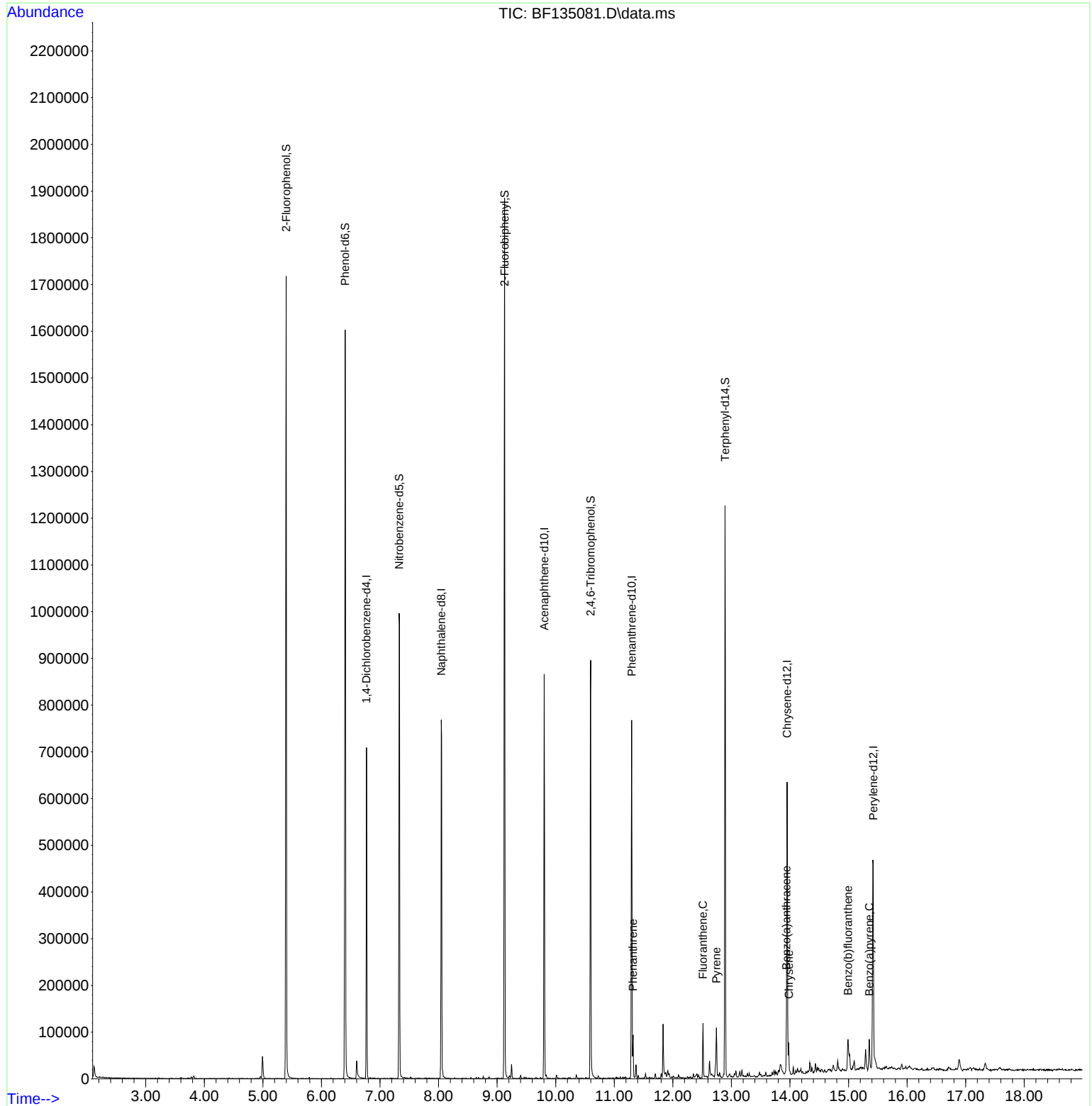
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
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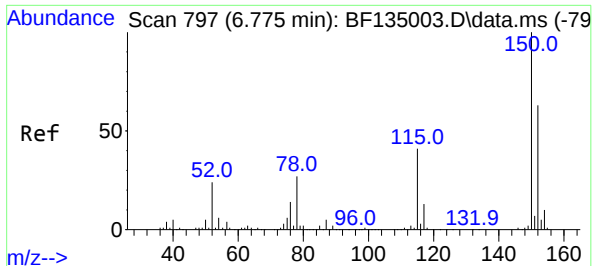
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SB-2(12-12.5)

Quant Time: Sep 04 01:08:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135081.D
Acq: 01 Sep 2023 17:42

Instrument :

BNA_F

ClientSampleId :

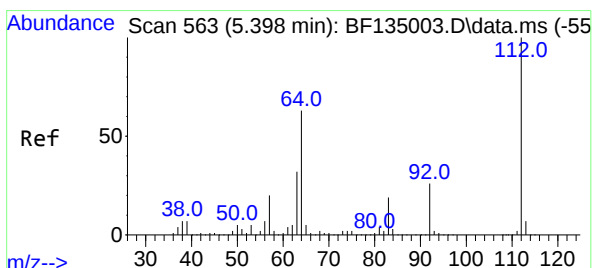
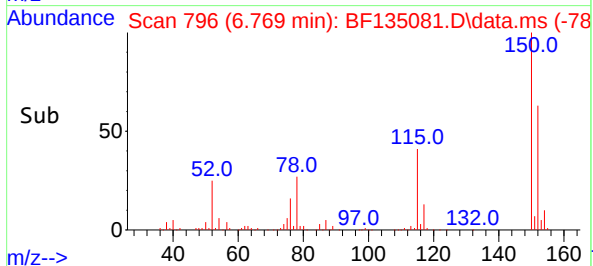
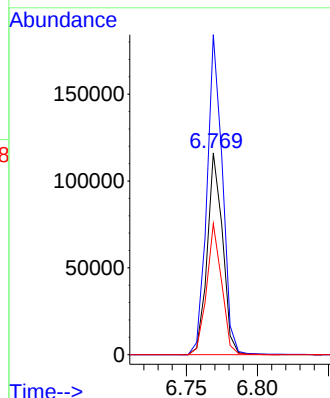
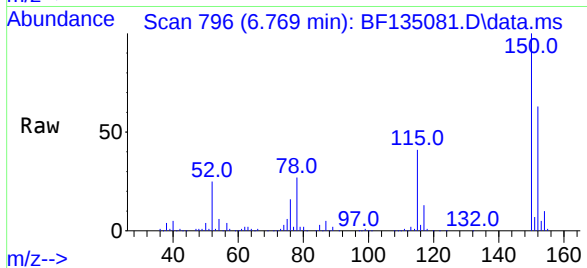
SB-2(12-12.5)

Tgt Ion:152 Resp: 87249
Ion Ratio Lower Upper
152 100
150 158.6 126.2 189.4
115 65.0 51.2 76.8

Manual Integrations

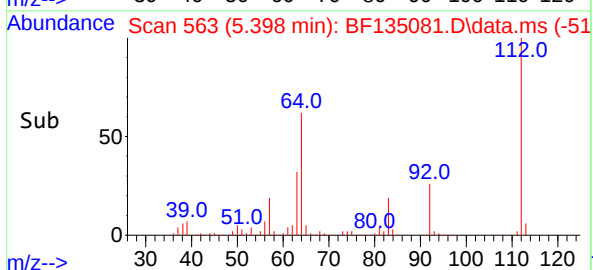
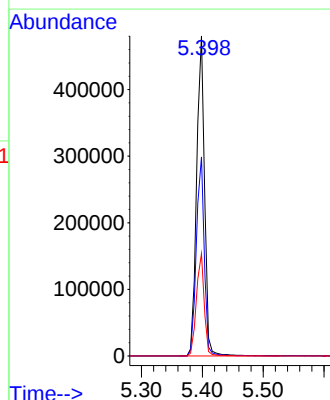
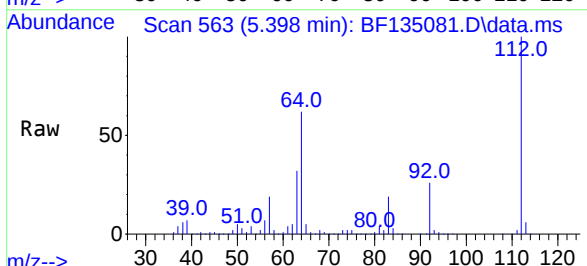
APPROVED

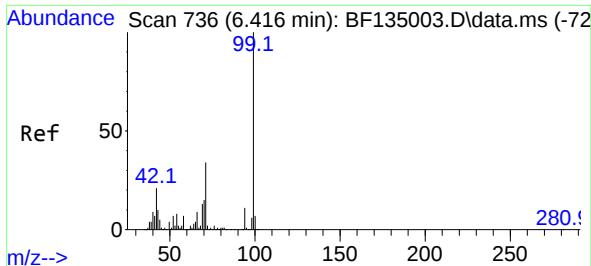
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/04/2023



#5
2-Fluorophenol
Concen: 77.086 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF135081.D
Acq: 01 Sep 2023 17:42

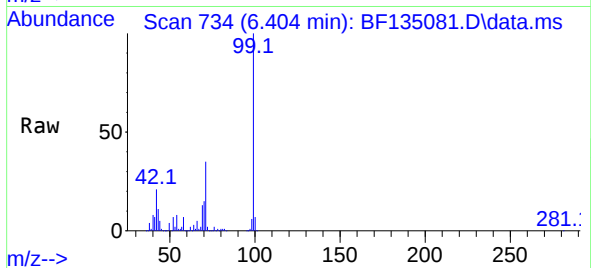
Tgt Ion:112 Resp: 435425
Ion Ratio Lower Upper
112 100
64 62.2 50.5 75.7
63 31.9 25.9 38.9





#7
Phenol-d6
Concen: 73.178 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135081.D
Acq: 01 Sep 2023 17:42

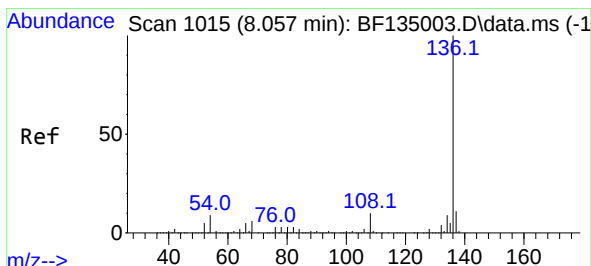
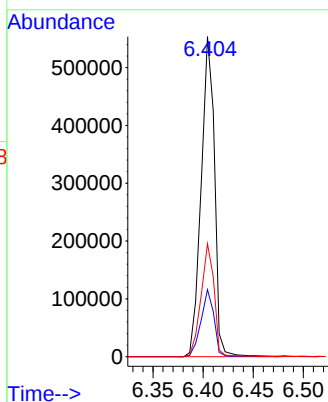
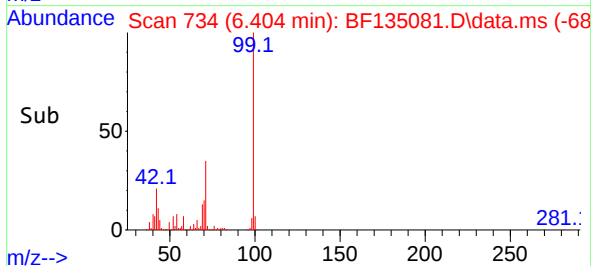
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SB-2(12-12.5)



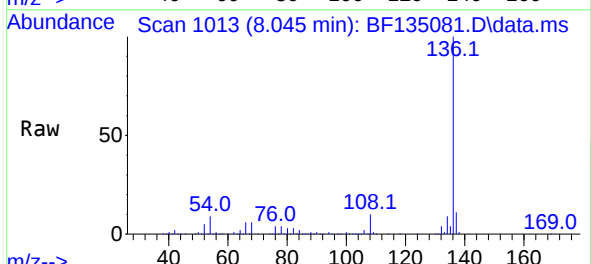
Tgt Ion: 99 Resp: 515215
Ion Ratio Lower Upper
99 100
42 20.9 16.6 25.0
71 35.3 27.0 40.6

Manual Integrations
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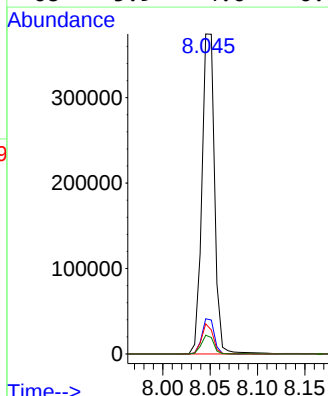
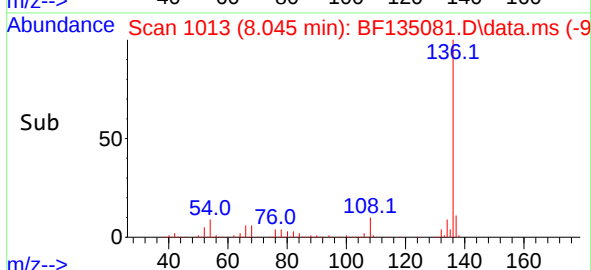
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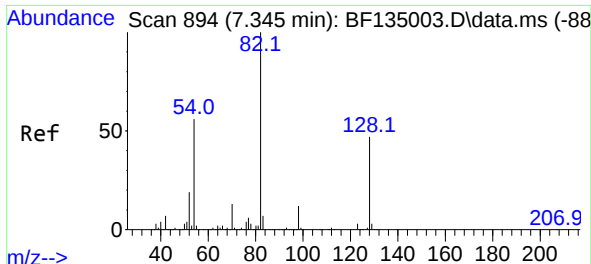


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135081.D
Acq: 01 Sep 2023 17:42



Tgt Ion:136 Resp: 346982
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.4 7.0 10.4
68 5.9 4.6 6.8





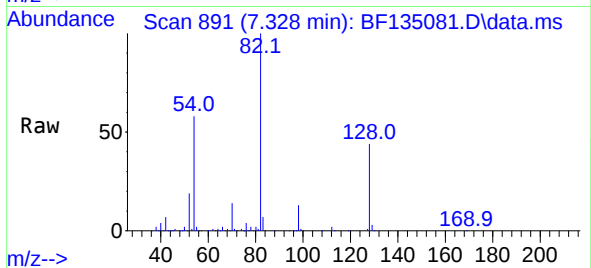
#23
Nitrobenzene-d5
Concen: 51.164 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.018 min
Lab File: BF135081.D
Acq: 01 Sep 2023 17:42

Instrument :

BNA_F

ClientSampleId :

SB-2(12-12.5)

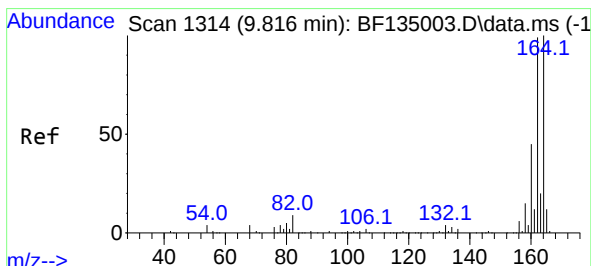
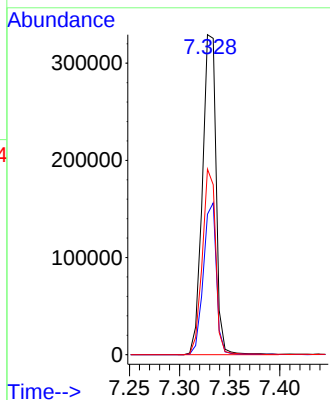
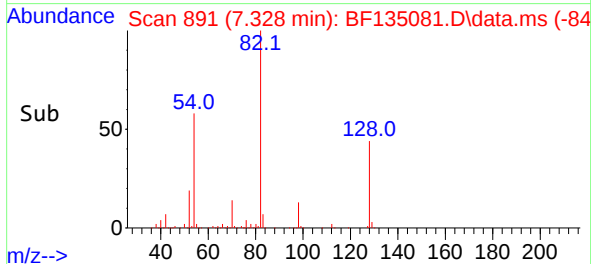


Tgt Ion: 82 Resp: 315997
Ion Ratio Lower Upper
82 100
128 43.9 37.8 56.8
54 58.0 45.0 67.6

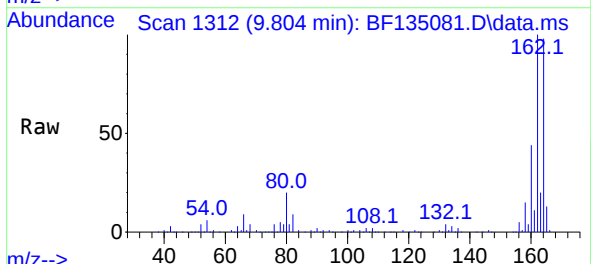
Manual Integrations

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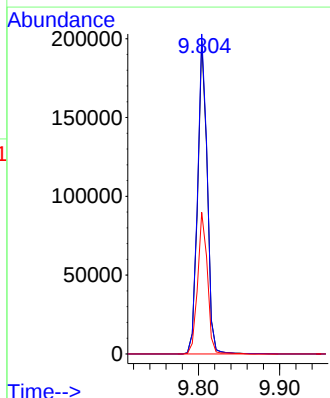
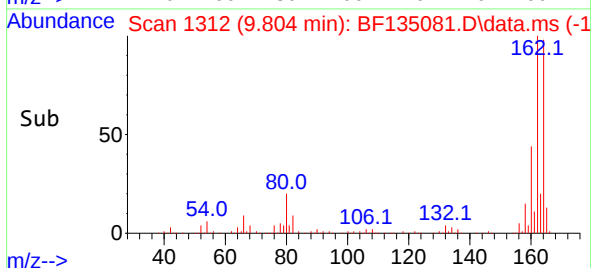
Reviewed By :Yogesh Patel 09/04/2023
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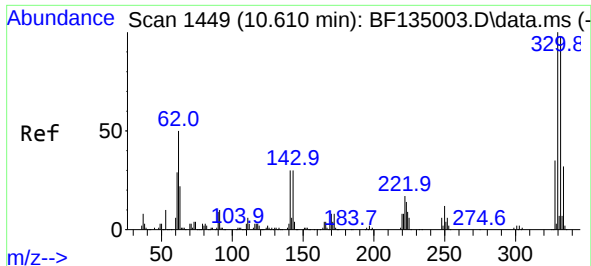


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF135081.D
Acq: 01 Sep 2023 17:42



Tgt Ion:164 Resp: 162940
Ion Ratio Lower Upper
164 100
162 102.3 79.5 119.3
160 45.3 36.0 54.0





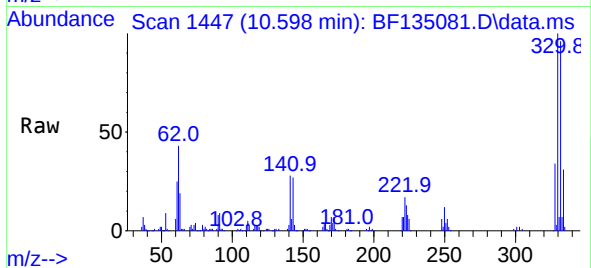
#42
2,4,6-Tribromophenol
Concen: 63.766 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF135081.D
Acq: 01 Sep 2023 17:42

Instrument :

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SB-2(12-12.5)

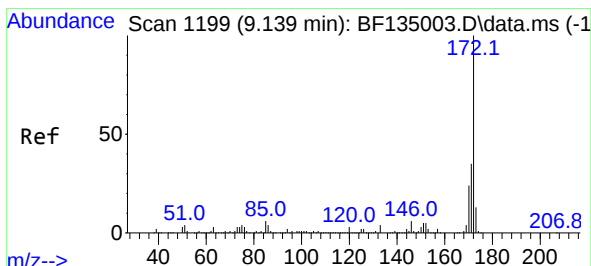
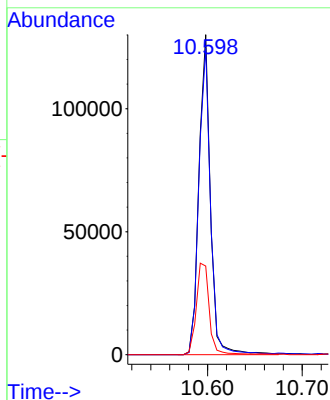
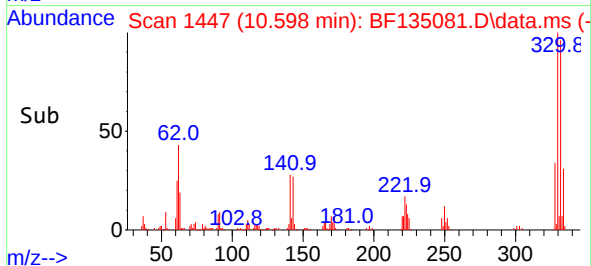


Tgt Ion:330 Resp: 110210
Ion Ratio Lower Upper
330 100
332 97.2 77.6 116.4
141 32.2 26.3 39.5

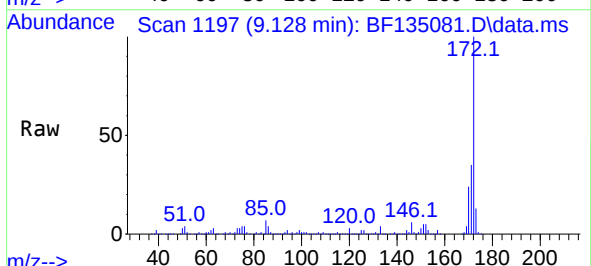
Manual Integrations

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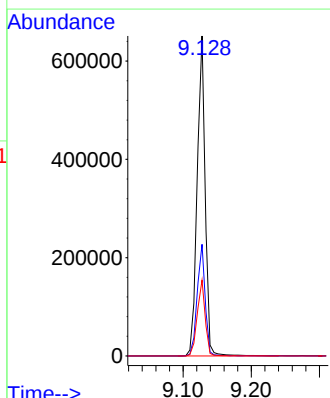
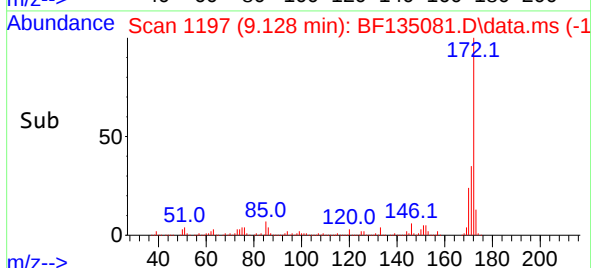
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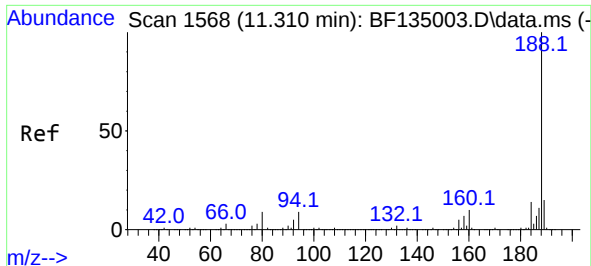


#45
2-Fluorobiphenyl
Concen: 53.056 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF135081.D
Acq: 01 Sep 2023 17:42



Tgt Ion:172 Resp: 530980
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.7 19.0 28.4





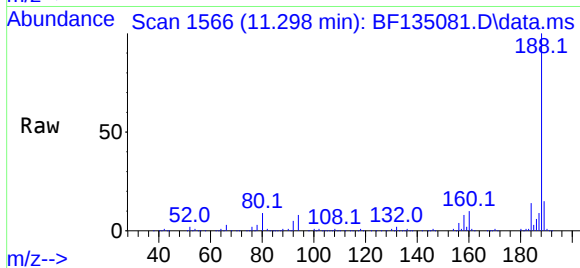
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135081.D
Acq: 01 Sep 2023 17:42

Instrument :

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ClientSampleId :

SB-2(12-12.5)

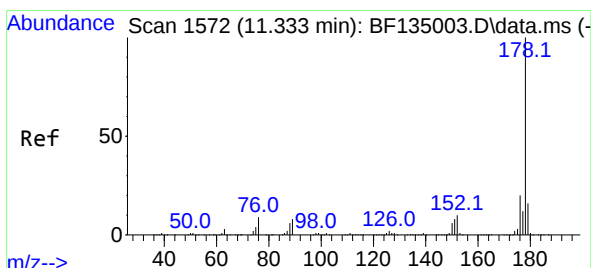
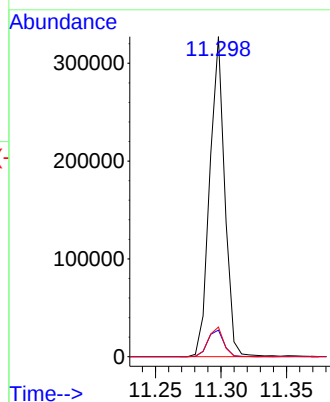
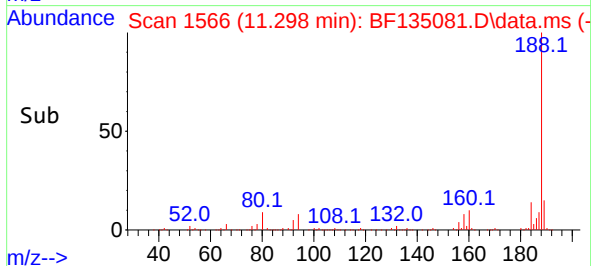


Tgt Ion:188 Resp: 26086
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 9.3 7.4 11.2

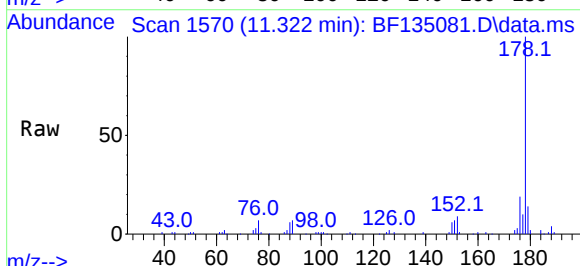
Manual Integrations

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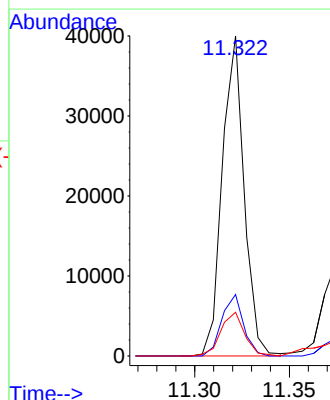
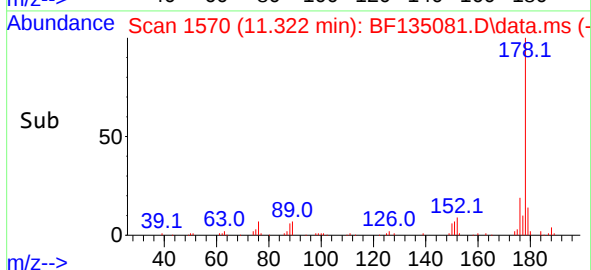
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Supervised By :mohammad ahmed 09/04/2023

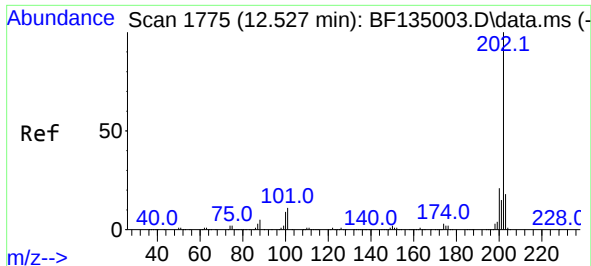


#71
Phenanthrene
Concen: 2.389 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF135081.D
Acq: 01 Sep 2023 17:42



Tgt Ion:178 Resp: 32151
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 13.7 12.5 18.7





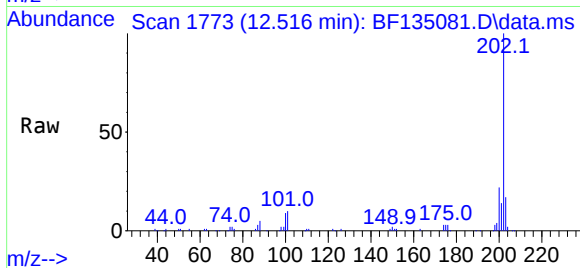
#75
Fluoranthene
Concen: 3.161 ng
RT: 12.516 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135081.D
Acq: 01 Sep 2023 17:42

Instrument :

BNA_F

ClientSampleId :

SB-2(12-12.5)

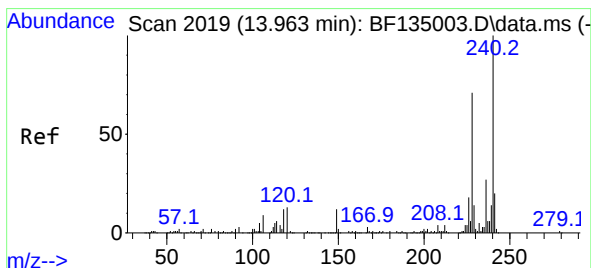
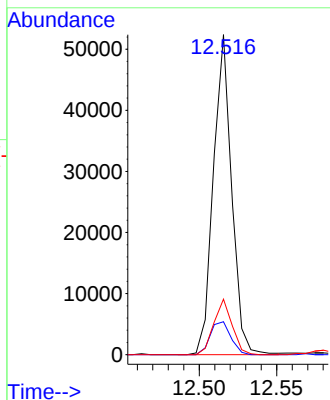
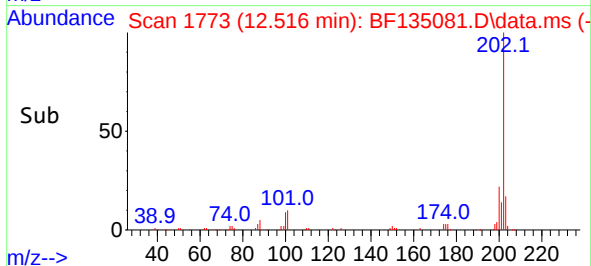


Tgt Ion:202 Resp: 43010
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.5
203 17.3 0.0 37.8

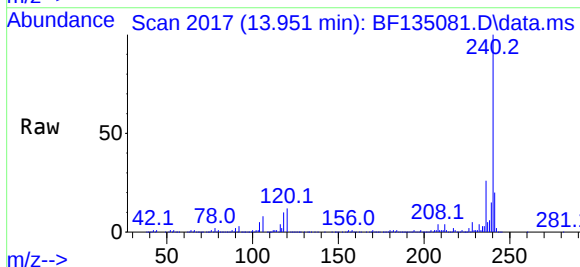
Manual Integrations

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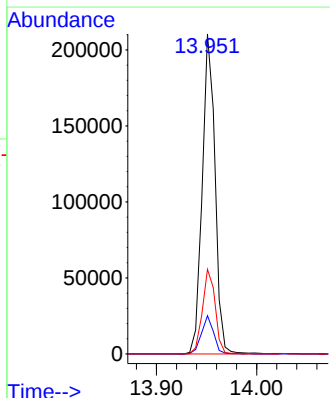
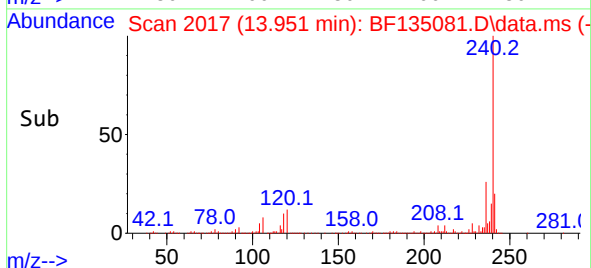
Reviewed By :Yogesh Patel 09/04/2023
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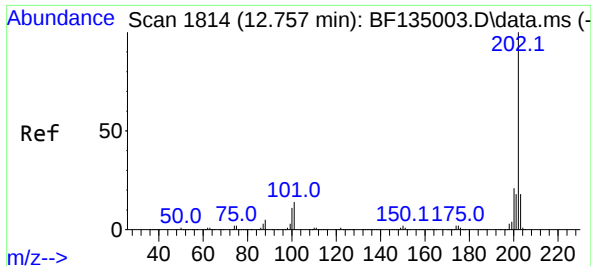


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF135081.D
Acq: 01 Sep 2023 17:42



Tgt Ion:240 Resp: 187912
Ion Ratio Lower Upper
240 100
120 11.9 10.2 15.2
236 26.5 21.3 31.9





#78
Pyrene
Concen: 2.304 ng
RT: 12.745 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF135081.D
Acq: 01 Sep 2023 17:42

Instrument :

BNA_F

ClientSampleId :

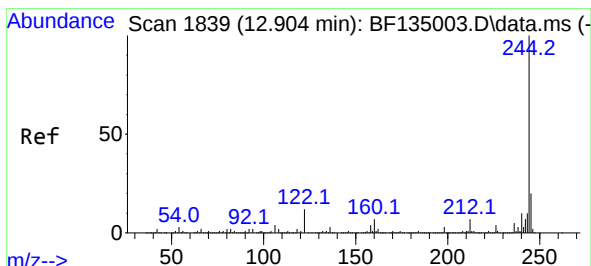
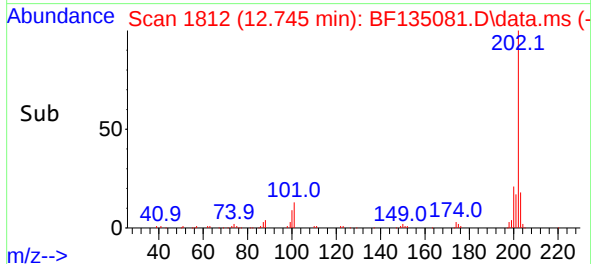
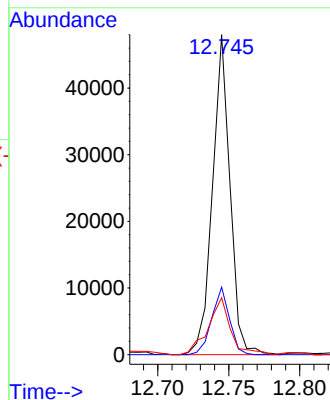
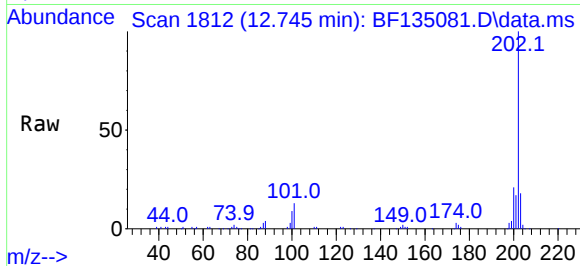
SB-2(12-12.5)

Tgt Ion:202 Resp: 4111
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.8 14.2 21.2

Manual Integrations

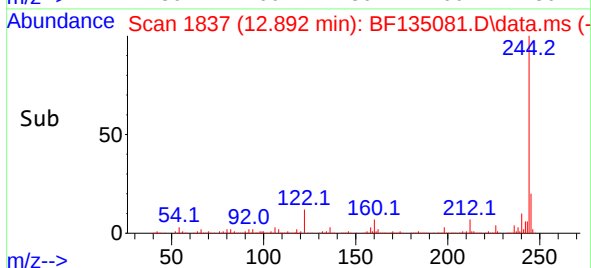
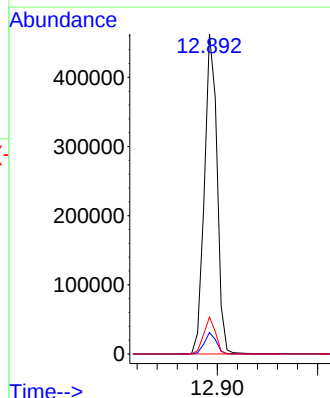
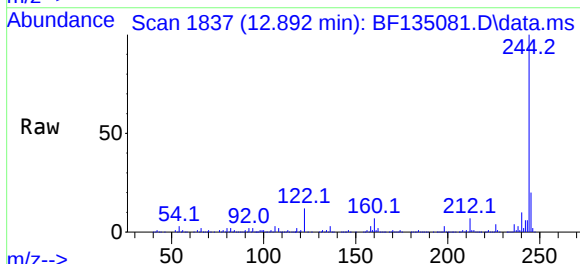
APPROVED

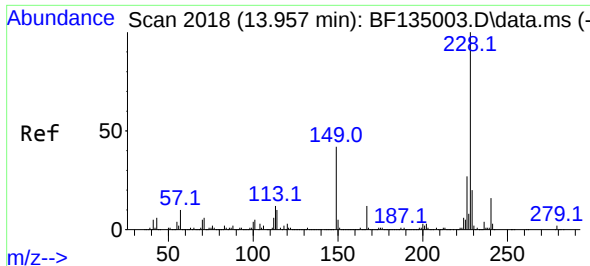
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/04/2023



#79
Terphenyl-d14
Concen: 35.387 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF135081.D
Acq: 01 Sep 2023 17:42

Tgt Ion:244 Resp: 407479
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 11.5 9.8 14.6





#81
Benzo(a)anthracene
Concen: 2.454 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.018 min
Lab File: BF135081.D
Acq: 01 Sep 2023 17:42

Instrument :

BNA_F

ClientSampleId :

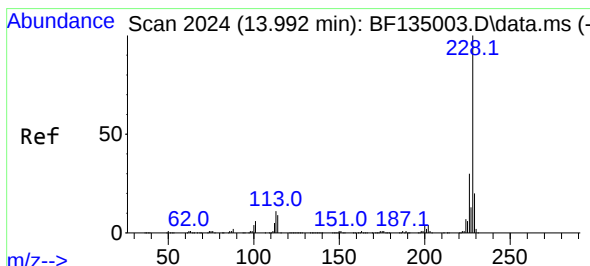
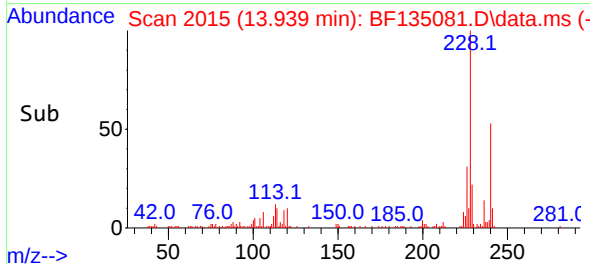
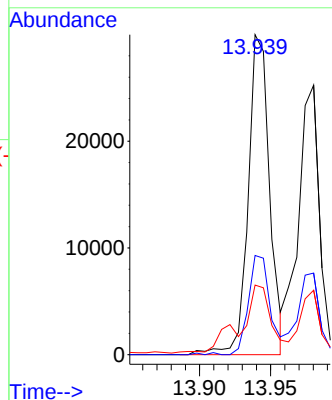
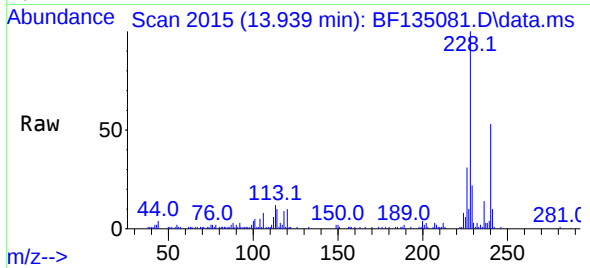
SB-2(12-12.5)

Tgt Ion:228 Resp: 3145
Ion Ratio Lower Upper
228 100
226 31.0 21.6 32.4
229 21.7 15.6 23.4

Manual Integrations

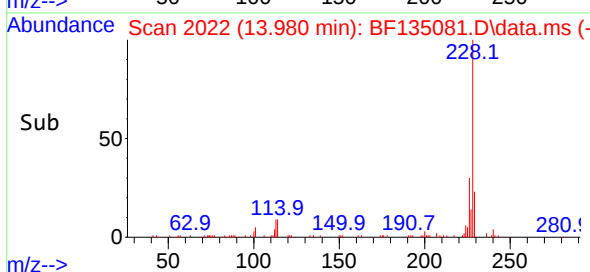
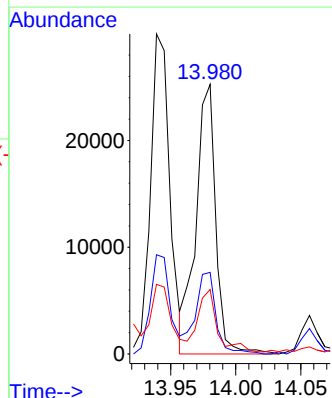
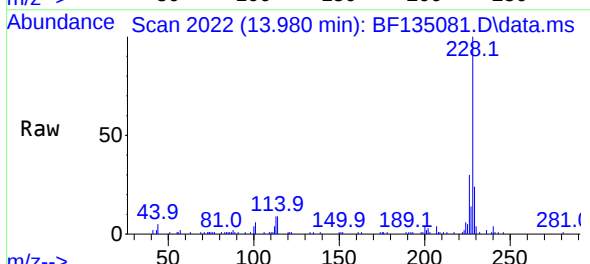
APPROVED

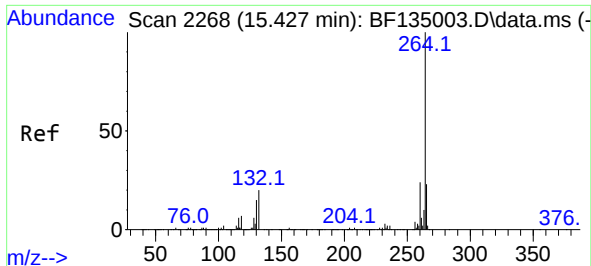
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/04/2023



#83
Chrysene
Concen: 2.124 ng m
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF135081.D
Acq: 01 Sep 2023 17:42

Tgt Ion:228 Resp: 26759
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.4
229 23.9 15.9 23.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21100
Delta R.T. -0.006 min
Lab File: BF135081.D
Acq: 01 Sep 2023 17:42

Instrument :

BNA_F

ClientSampleId :

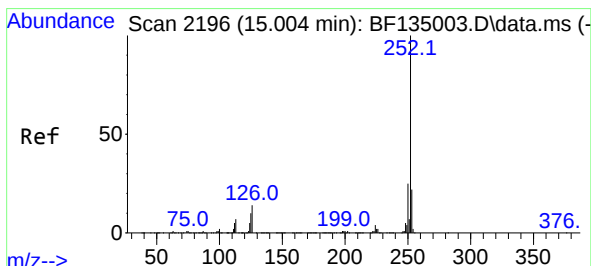
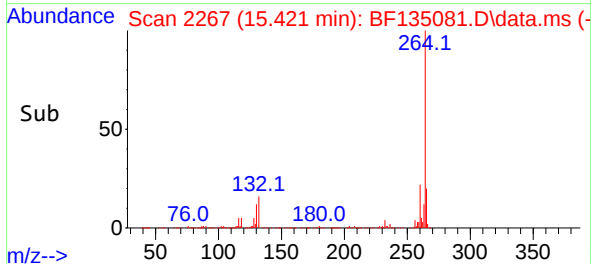
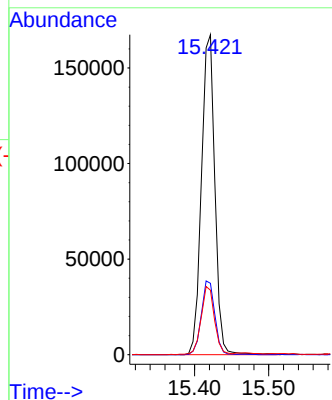
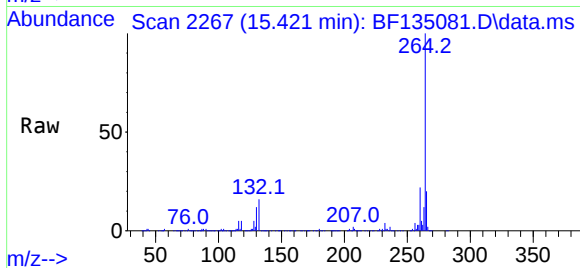
SB-2(12-12.5)

Tgt Ion:264 Resp: 21100
Ion Ratio Lower Upper
264 100
260 22.3 19.0 28.6
265 20.2 18.2 27.2

Manual Integrations

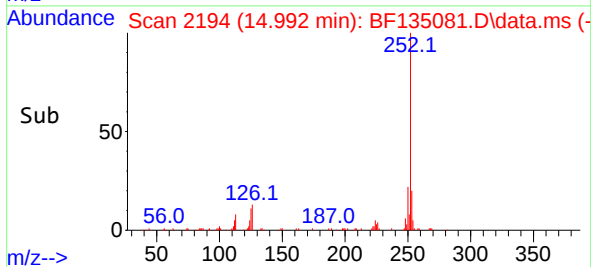
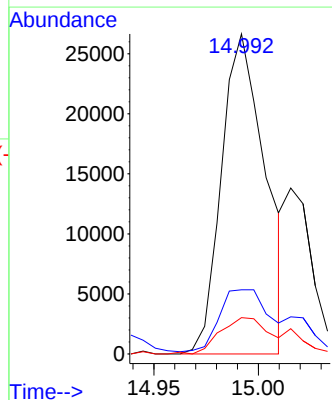
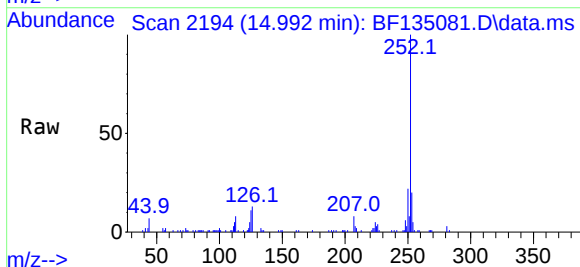
APPROVED

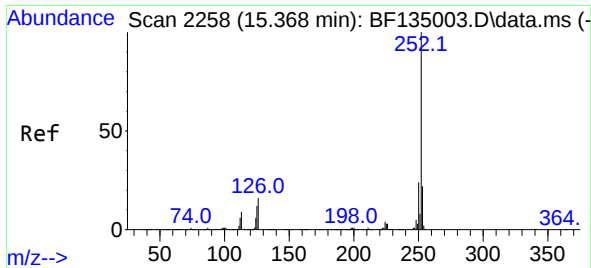
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/04/2023



#88
Benzo(b)fluoranthene
Concen: 2.971 ng m
RT: 14.992 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BF135081.D
Acq: 01 Sep 2023 17:42

Tgt Ion:252 Resp: 39011
Ion Ratio Lower Upper
252 100
253 20.1 17.8 26.8
125 11.4 8.4 12.6





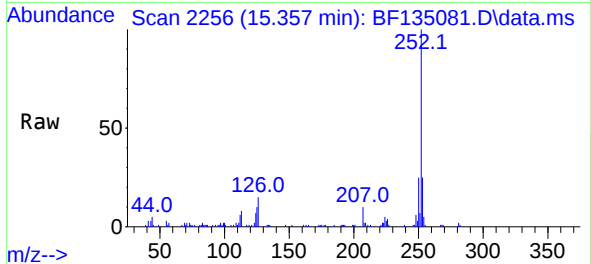
#90
Benzo(a)pyrene
Concen: 2.461 ng
RT: 15.357 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF135081.D
Acq: 01 Sep 2023 17:42

Instrument :

BNA_F

ClientSampleId :

SB-2(12-12.5)



Tgt Ion:252 Resp: 3002
Ion Ratio Lower Upper
252 100
253 25.1 17.4 26.0
125 10.0 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/04/2023

Supervised By :mohammad ahmed 09/04/2023

