

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
 Data File : BF137607.D
 Acq On : 14 Mar 2024 23:19
 Operator : CG\JU
 Sample : P1746-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-0-2.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
 Supervised By :mohammad ahmed 03/16/2024

Quant Time: Mar 15 02:05:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	128313	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	472241	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	232231	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	353336	20.000	ng	0.00
76) Chrysene-d12	13.874	240	328390	20.000	ng	0.00
86) Perylene-d12	15.298	264	300694	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	671432	79.252	ng	0.00
7) Phenol-d6	6.357	99	869966	71.138	ng	-0.01
23) Nitrobenzene-d5	7.286	82	510405	50.219	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	136948	67.151	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	828840	55.868	ng	0.00
79) Terphenyl-d14	12.821	244	743376	31.128	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.263	178	59100	3.073	ng	97
75) Fluoranthene	12.451	202	158251	8.419	ng	96
78) Pyrene	12.674	202	154043	4.781	ng	96
81) Benzo(a)anthracene	13.862	228	94891	4.123	ng	98
83) Chrysene	13.898	228	88922	3.823	ng	97
84) Bis(2-ethylhexyl)phtha...	13.862	149	29985m	2.867	ng	
88) Benzo(b)fluoranthene	14.892	252	113200m	6.364	ng	
90) Benzo(a)pyrene	15.239	252	71927	4.103	ng	97

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

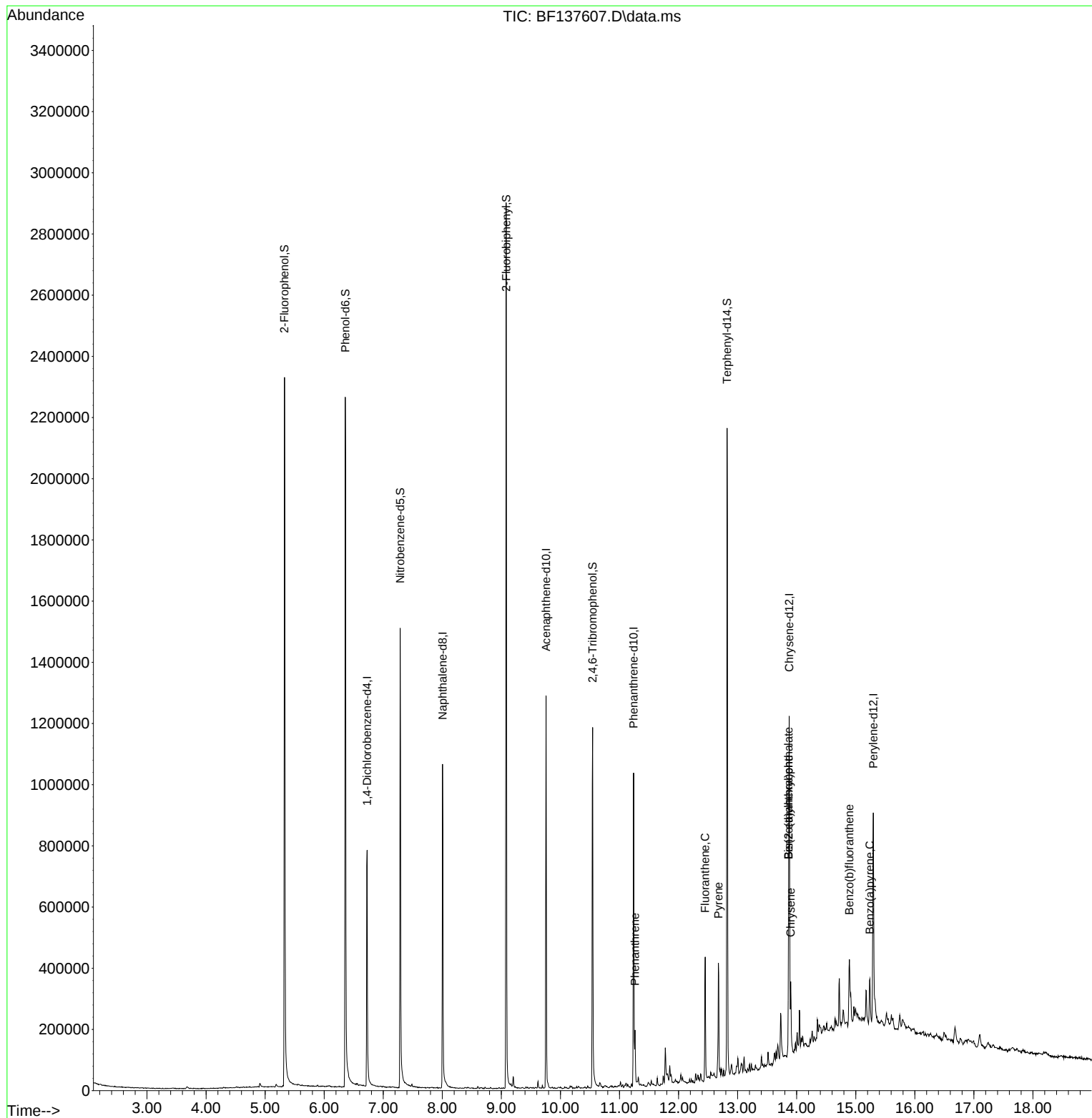
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
Data File : BF137607.D
Acq On : 14 Mar 2024 23:19
Operator : CG\JU
Sample : P1746-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

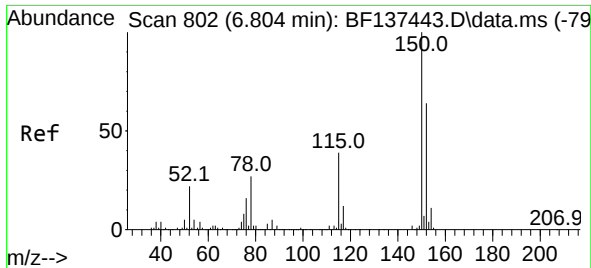
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
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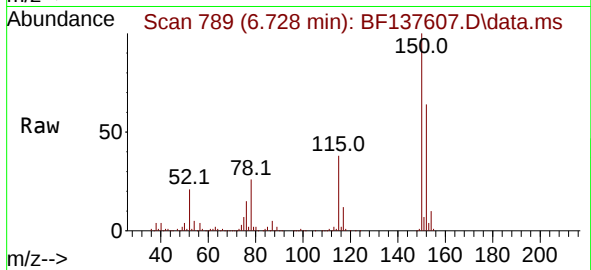
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

Instrument :

BNA_F

ClientSampleId :

SB-06-0-2.0

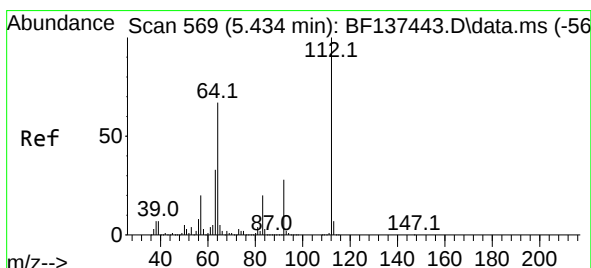
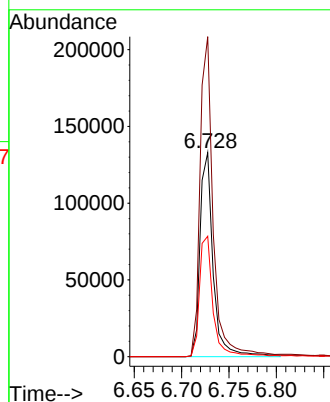
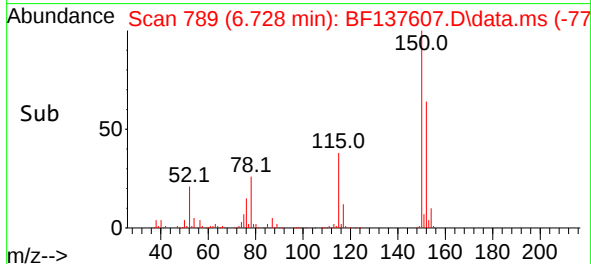


Tgt Ion:152 Resp: 12831
Ion Ratio Lower Upper
152 100
150 156.9 125.8 188.6
115 59.1 48.8 73.2

Manual Integrations

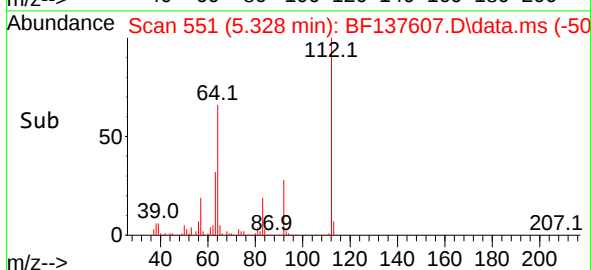
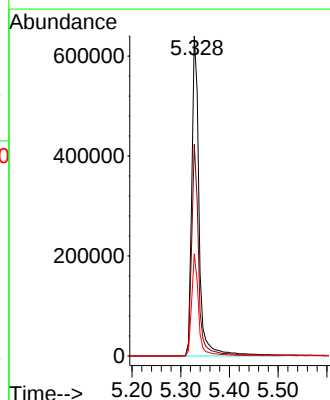
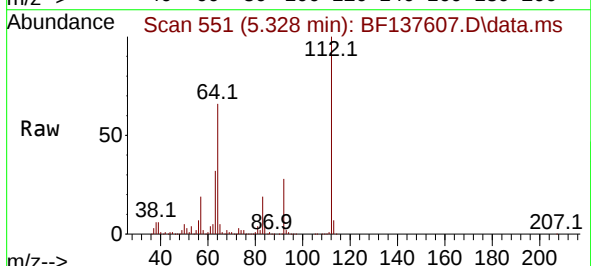
APPROVED

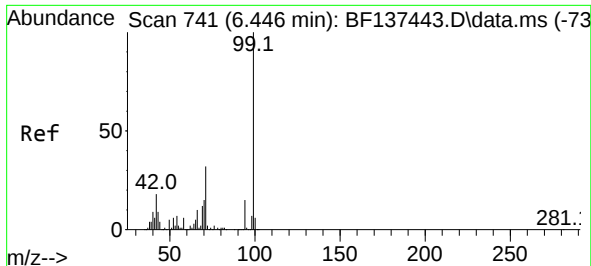
Reviewed By :Jagrut Upadhyay 03/15/2024
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#5
2-Fluorophenol
Concen: 79.252 ng
RT: 5.328 min Scan# 551
Delta R.T. -0.006 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

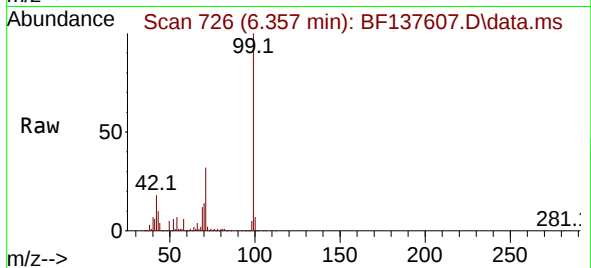
Tgt Ion:112 Resp: 671432
Ion Ratio Lower Upper
112 100
64 66.1 53.4 80.2
63 31.9 26.2 39.2





#7
Phenol-d6
Concen: 71.138 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

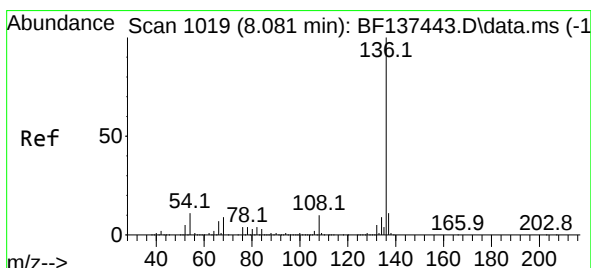
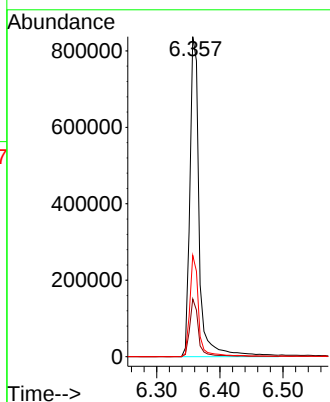
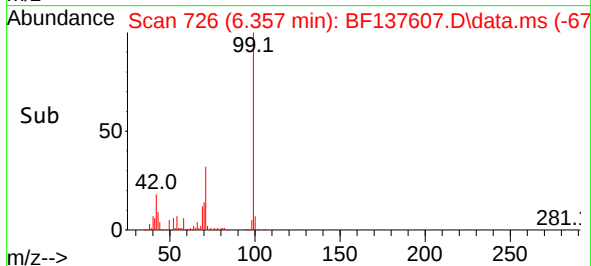
Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0



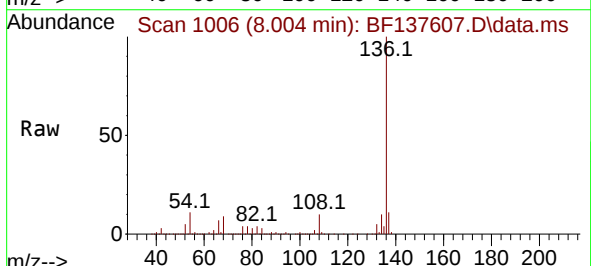
Tgt Ion: 99 Resp: 869960
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 31.6 25.3 37.9

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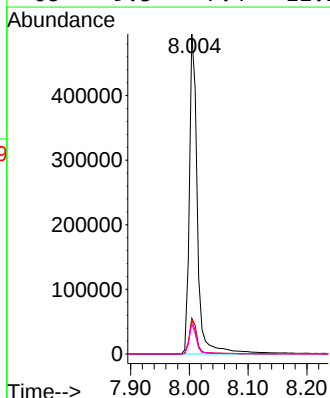
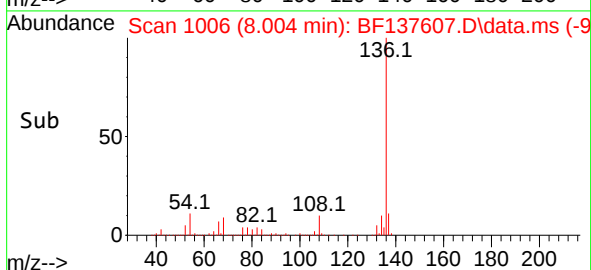
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

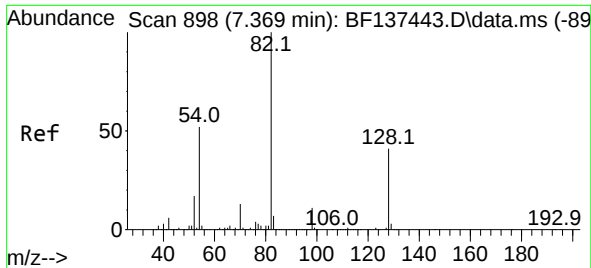


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19



Tgt Ion:136 Resp: 472241
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 10.8 8.5 12.7
68 9.3 7.4 11.2





#23

Nitrobenzene-d5

Concen: 50.219 ng

RT: 7.286 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF137607.D

Acq: 14 Mar 2024 23:19

Instrument :

BNA_F

ClientSampleId :

SB-06-0-2.0

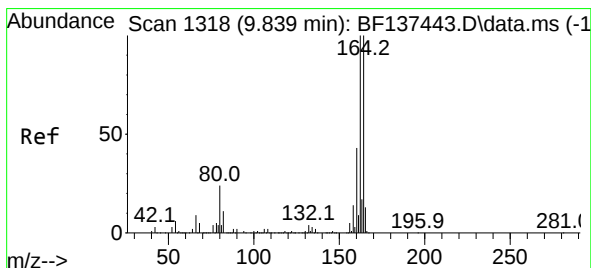
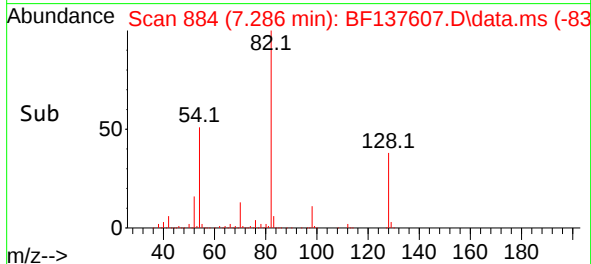
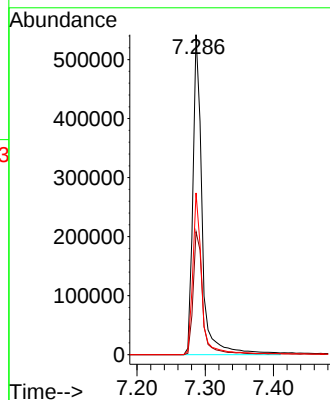
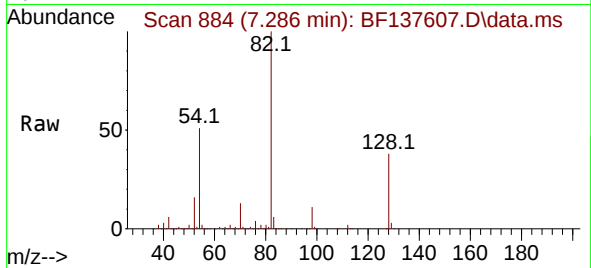
Tgt Ion: 82 Resp: 51040

Ion	Ratio	Lower	Upper
82	100		
128	38.5	32.5	48.7
54	50.6	41.5	62.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

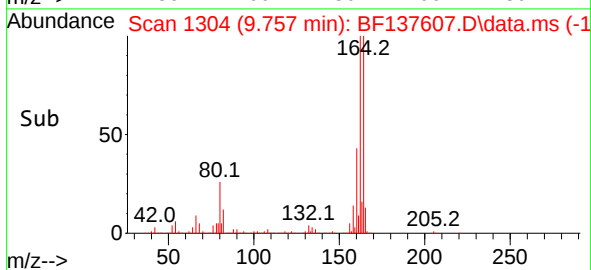
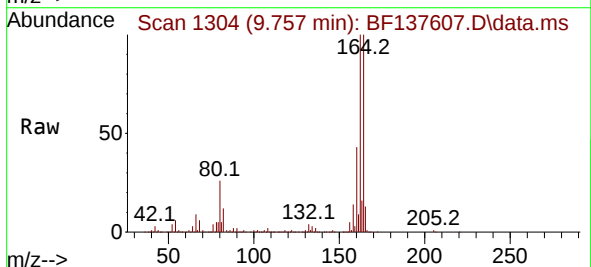
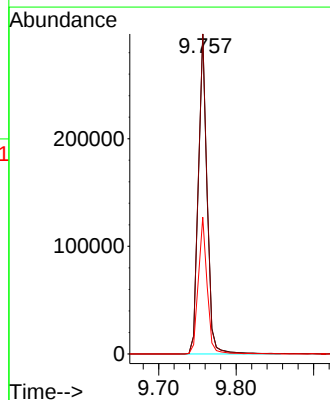
Delta R.T. -0.006 min

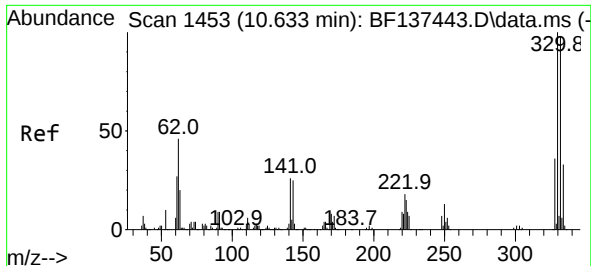
Lab File: BF137607.D

Acq: 14 Mar 2024 23:19

Tgt Ion:164 Resp: 232231

Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.8	119.8
160	42.8	34.4	51.6





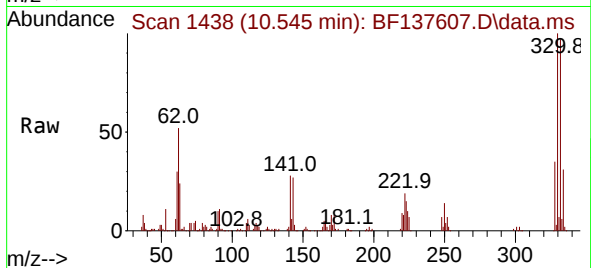
#42
2,4,6-Tribromophenol
Concen: 67.151 ng
RT: 10.545 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

Instrument :

BNA_F

ClientSampleId :

SB-06-0-2.0

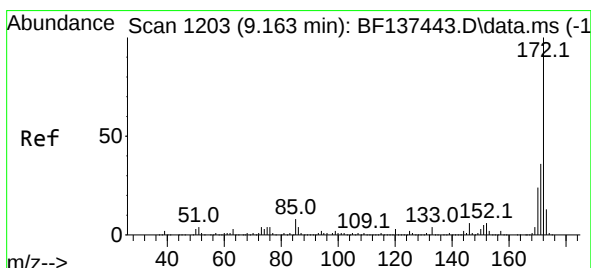
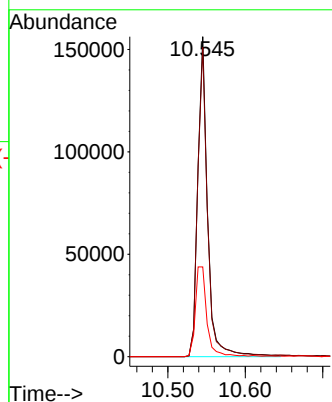
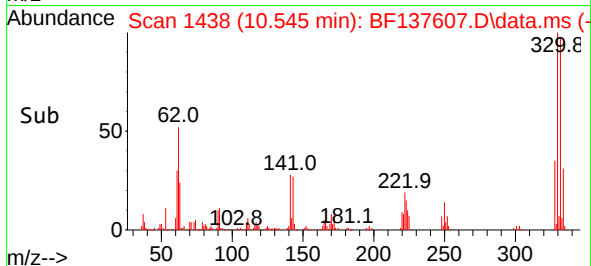


Tgt Ion:330 Resp: 136948
Ion Ratio Lower Upper
330 100
332 97.6 78.0 117.0
141 33.5 27.3 40.9

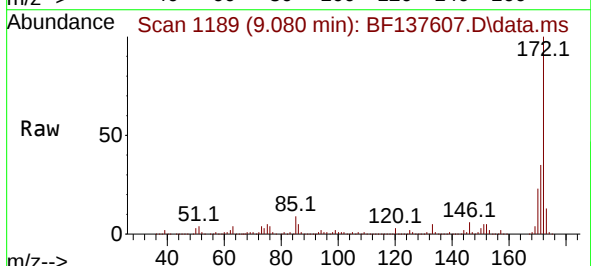
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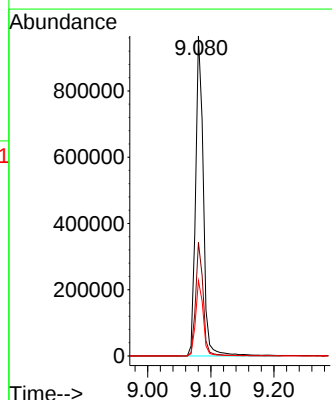
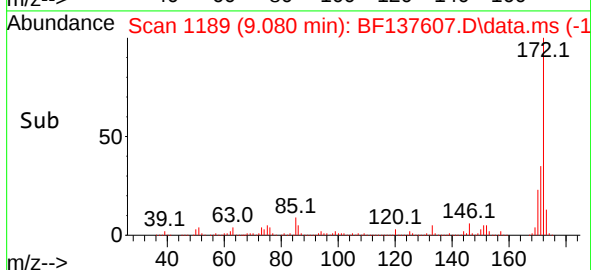
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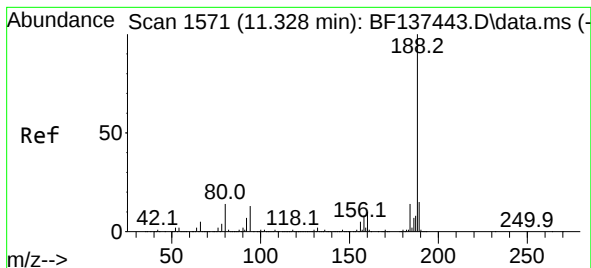


#45
2-Fluorobiphenyl
Concen: 55.868 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19



Tgt Ion:172 Resp: 828840
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1560

Delta R.T. -0.000 min

Lab File: BF137607.D

Acq: 14 Mar 2024 23:19

Instrument :

BNA_F

ClientSampleId :

SB-06-0-2.0

Tgt Ion:188 Resp: 353330

Ion Ratio Lower Upper

188 100

94 13.4 10.6 15.8

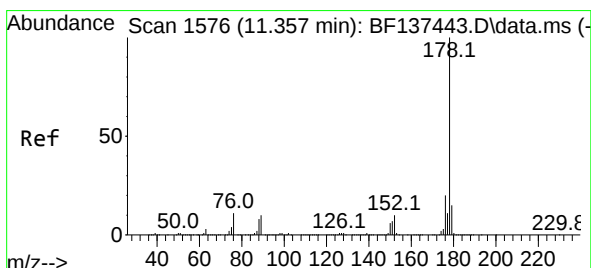
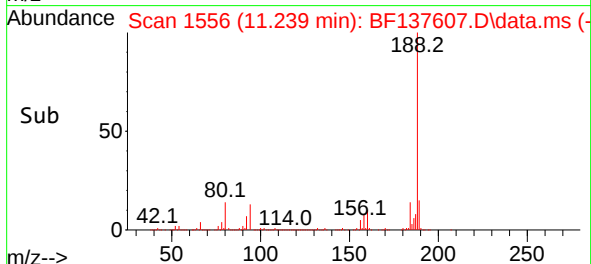
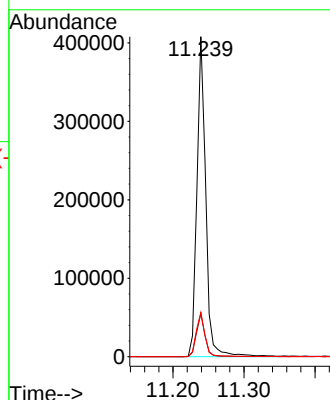
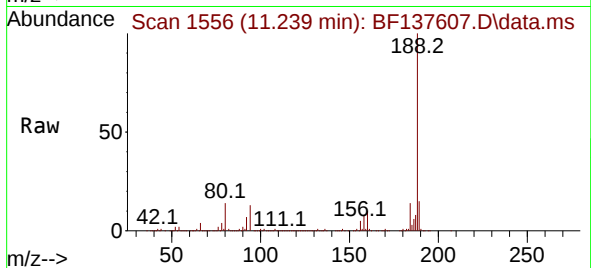
80 13.9 11.5 17.3

Manual Integrations

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Supervised By :mohammad ahmed 03/16/2024



#71

Phenanthrene

Concen: 3.073 ng

RT: 11.263 min Scan# 1560

Delta R.T. -0.006 min

Lab File: BF137607.D

Acq: 14 Mar 2024 23:19

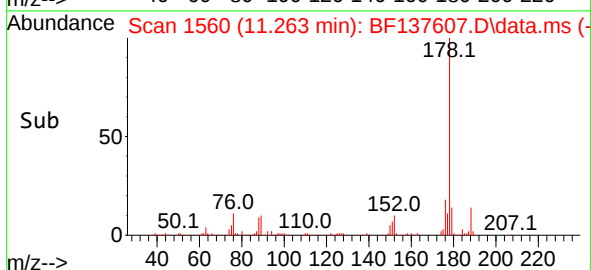
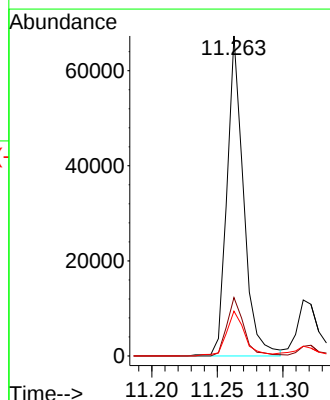
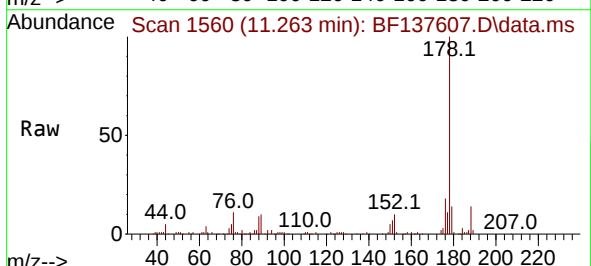
Tgt Ion:178 Resp: 59100

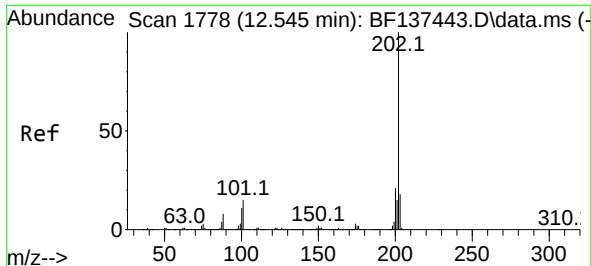
Ion Ratio Lower Upper

178 100

176 18.3 15.8 23.8

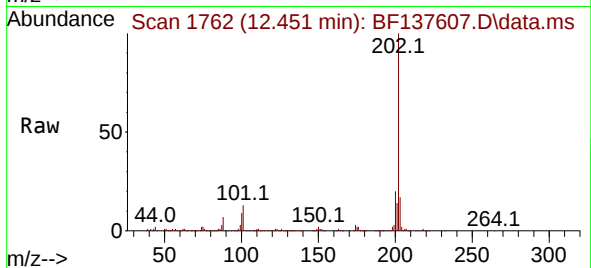
179 14.0 12.2 18.2





#75
Fluoranthene
Concen: 8.419 ng
RT: 12.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

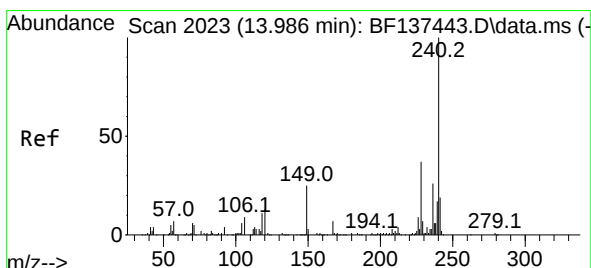
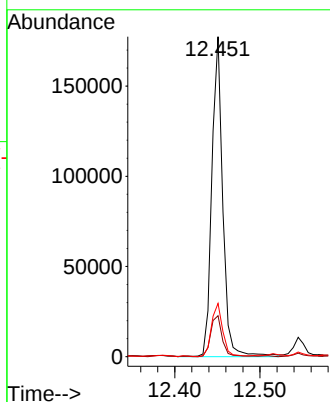
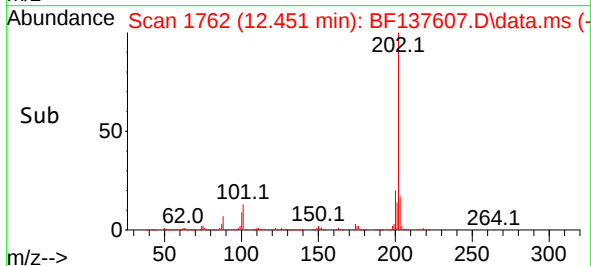
Instrument :
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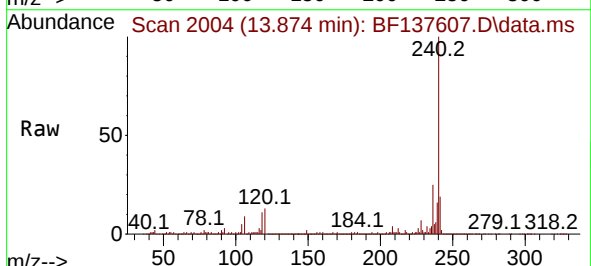
Tgt Ion:202 Resp: 15825
Ion Ratio Lower Upper
202 100
101 12.8 0.0 35.0
203 16.7 0.0 37.7

Manual Integrations
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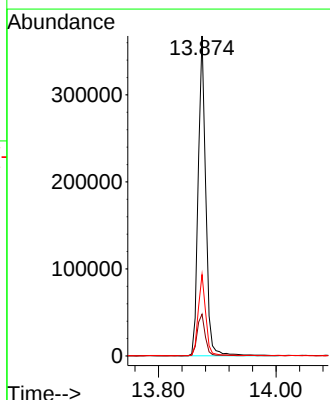
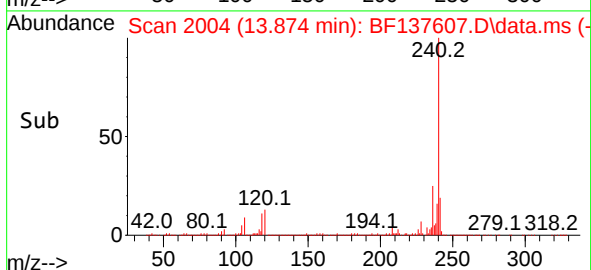
Reviewed By :Jagrut Upadhyay 03/15/2024
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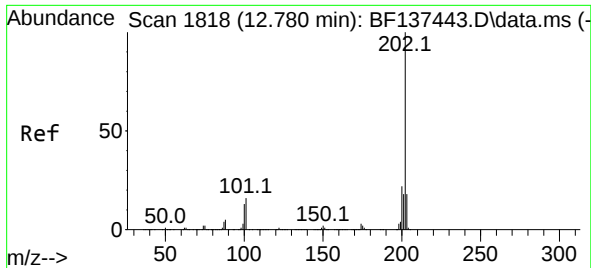


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19



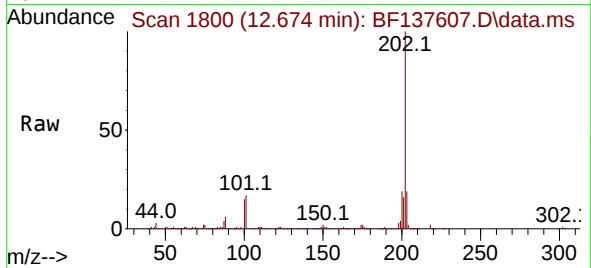
Tgt Ion:240 Resp: 328390
Ion Ratio Lower Upper
240 100
120 13.1 10.4 15.6
236 25.4 20.9 31.3





#78
Pyrene
Concen: 4.781 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

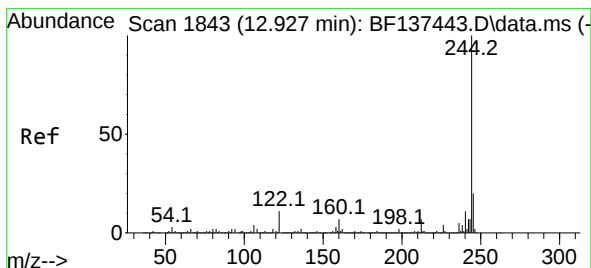
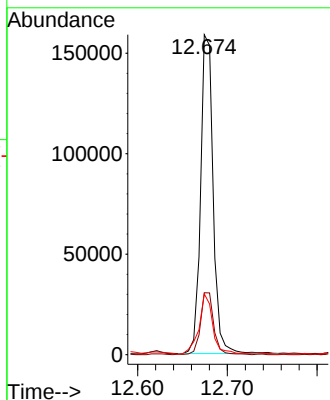
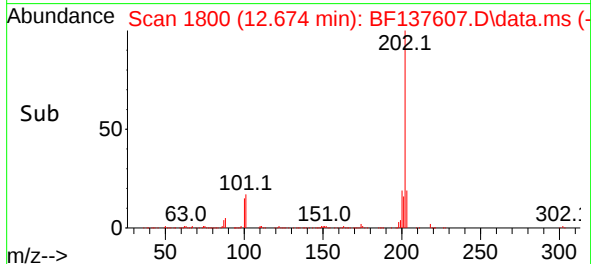
Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0



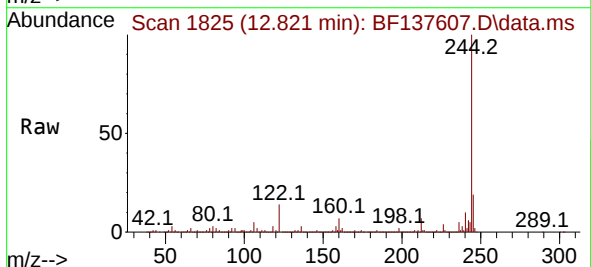
Tgt Ion:202 Resp: 15404
Ion Ratio Lower Upper
202 100
200 19.4 17.4 26.2
203 19.0 14.1 21.1

Manual Integrations
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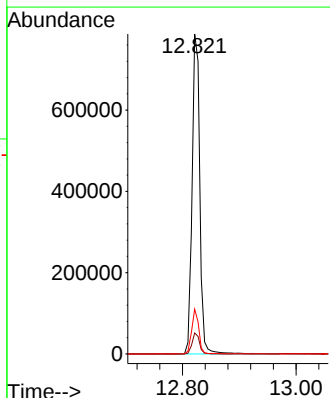
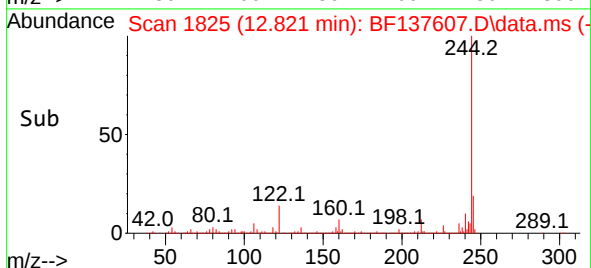
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

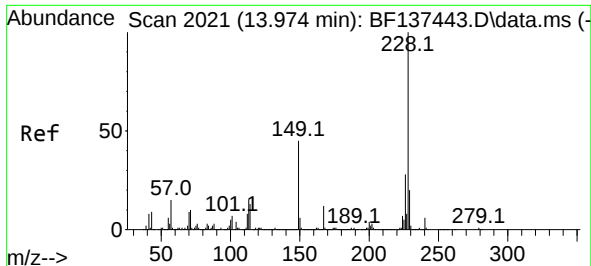


#79
Terphenyl-d14
Concen: 31.128 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19



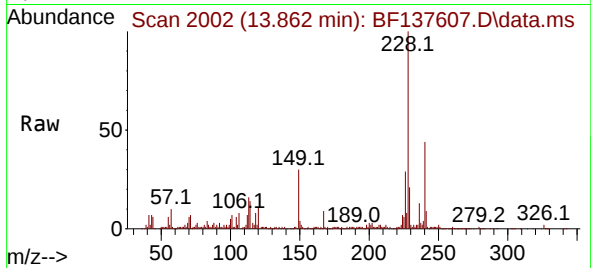
Tgt Ion:244 Resp: 743376
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.2
122 14.0 9.1 13.7#





#81
Benzo(a)anthracene
Concen: 4.123 ng
RT: 13.862 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

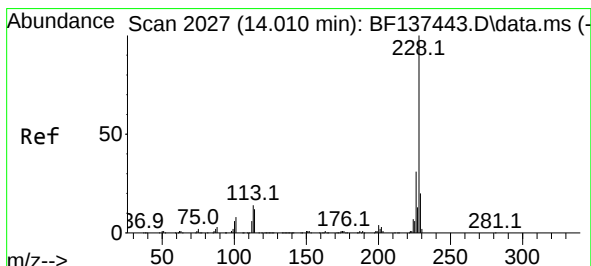
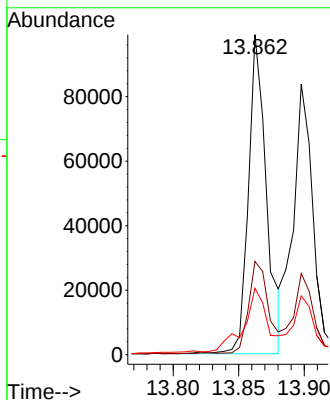
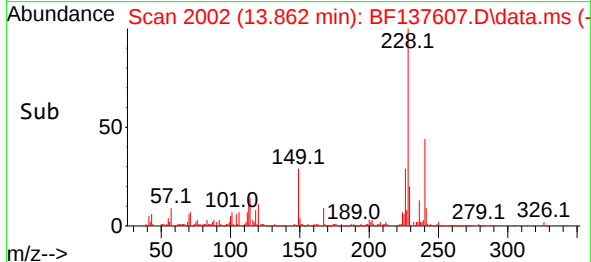
Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0



Tgt Ion:228 Resp: 9489
Ion Ratio Lower Upper
228 100
226 29.2 22.3 33.5
229 20.7 16.3 24.5

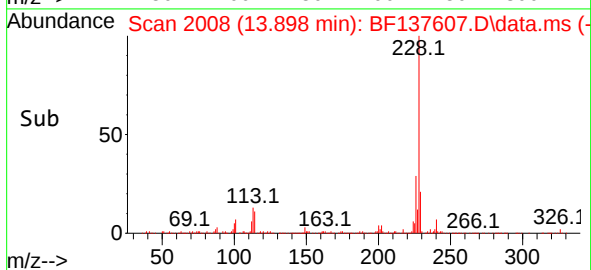
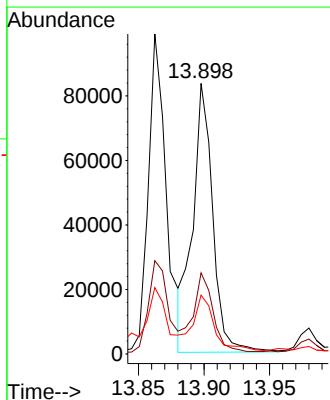
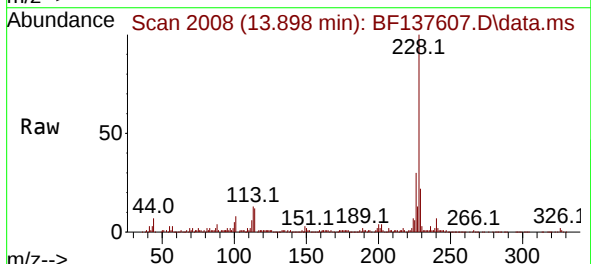
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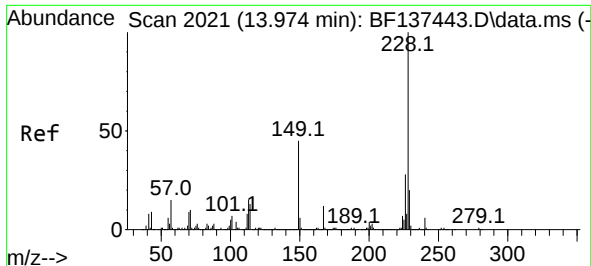
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#83
Chrysene
Concen: 3.823 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

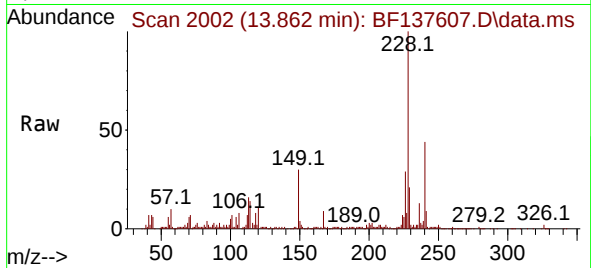
Tgt Ion:228 Resp: 88922
Ion Ratio Lower Upper
228 100
226 30.0 24.7 37.1
229 21.7 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.867 ng m
RT: 13.862 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

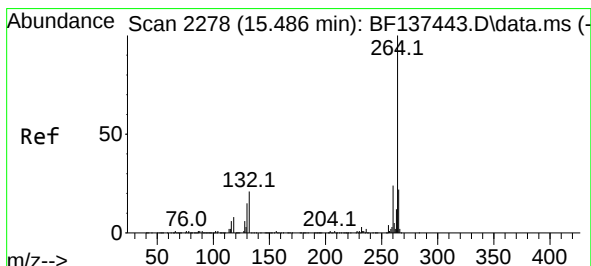
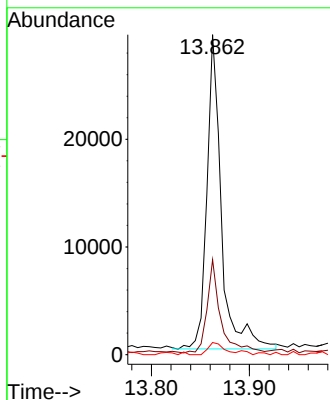
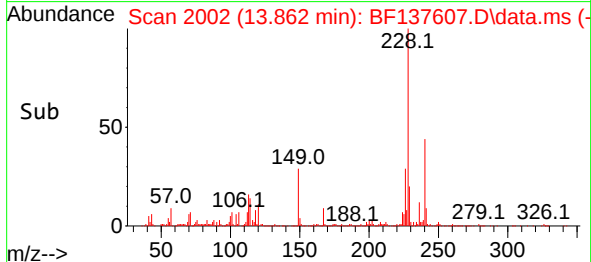
Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0



Tgt Ion:149 Resp: 2998
Ion Ratio Lower Upper
149 100
167 29.7 21.3 31.9
279 3.8 2.6 4.0

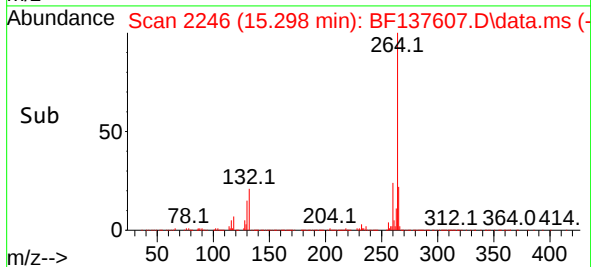
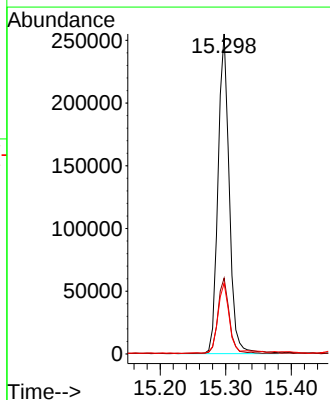
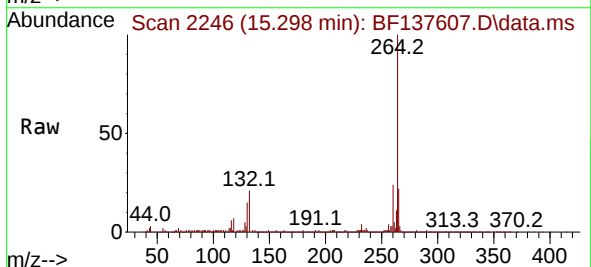
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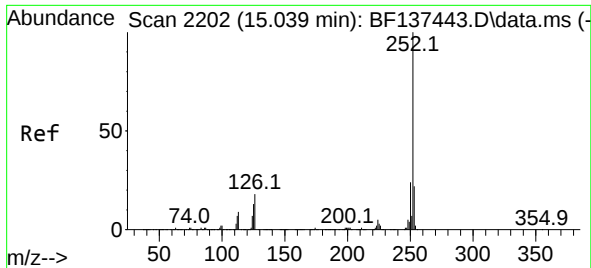
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

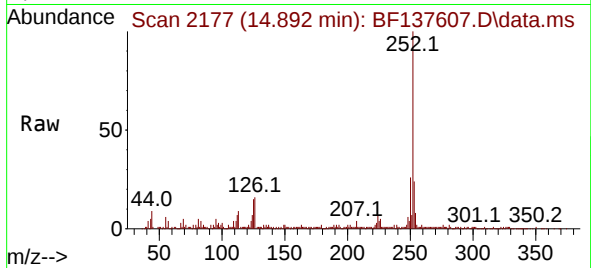
Tgt Ion:264 Resp: 300694
Ion Ratio Lower Upper
264 100
260 23.7 19.3 28.9
265 22.1 17.4 26.0





#88
Benzo(b)fluoranthene
Concen: 6.364 ng m
RT: 14.892 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

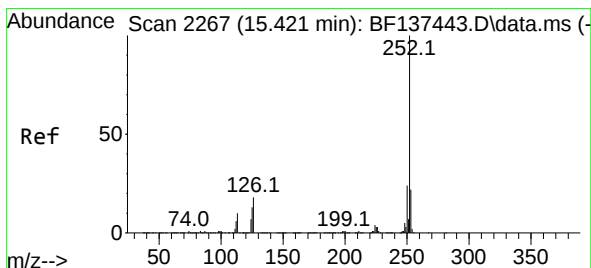
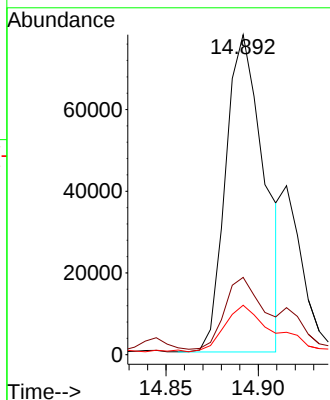
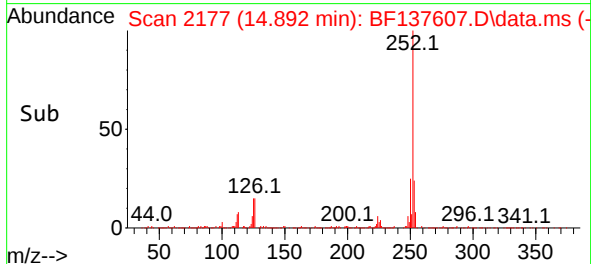
Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0



Tgt Ion:252 Resp: 113200
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.8
125 15.5 10.1 15.1

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Supervised By :mohammad ahmed 03/16/2024



#90
Benzo(a)pyrene
Concen: 4.103 ng
RT: 15.239 min Scan# 2236
Delta R.T. -0.000 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

Tgt Ion:252 Resp: 71927
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.2
125 12.9 10.4 15.6

