

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
 Data File : BF137599.D
 Acq On : 14 Mar 2024 19:29
 Operator : CG\JU
 Sample : P1746-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-7.0-9.5

Manual Integrations
 APPROVED

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

Quant Time: Mar 15 02:01:59 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	141943	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	544997	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	292934	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	457059	20.000	ng	0.00
76) Chrysene-d12	13.874	240	312628	20.000	ng	0.00
86) Perylene-d12	15.292	264	360295	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1056352	112.713	ng	0.00
7) Phenol-d6	6.363	99	1411217	104.316	ng	0.00
23) Nitrobenzene-d5	7.287	82	872186	74.359	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	268186	104.252	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1466637	78.373	ng	0.00
79) Terphenyl-d14	12.827	244	1369657	60.245	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.451	202	103688	4.265	ng	96
78) Pyrene	12.674	202	95710	3.120	ng	96
81) Benzo(a)anthracene	13.863	228	62792	2.866	ng	95
83) Chrysene	13.898	228	61220	2.764	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	30207	3.034	ng	# 98
88) Benzo(b)fluoranthene	14.892	252	97632m	4.581	ng	
90) Benzo(a)pyrene	15.233	252	64170	3.055	ng	98
92) Benzo(g,h,i)perylene	17.092	276	39985	2.024	ng	97

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

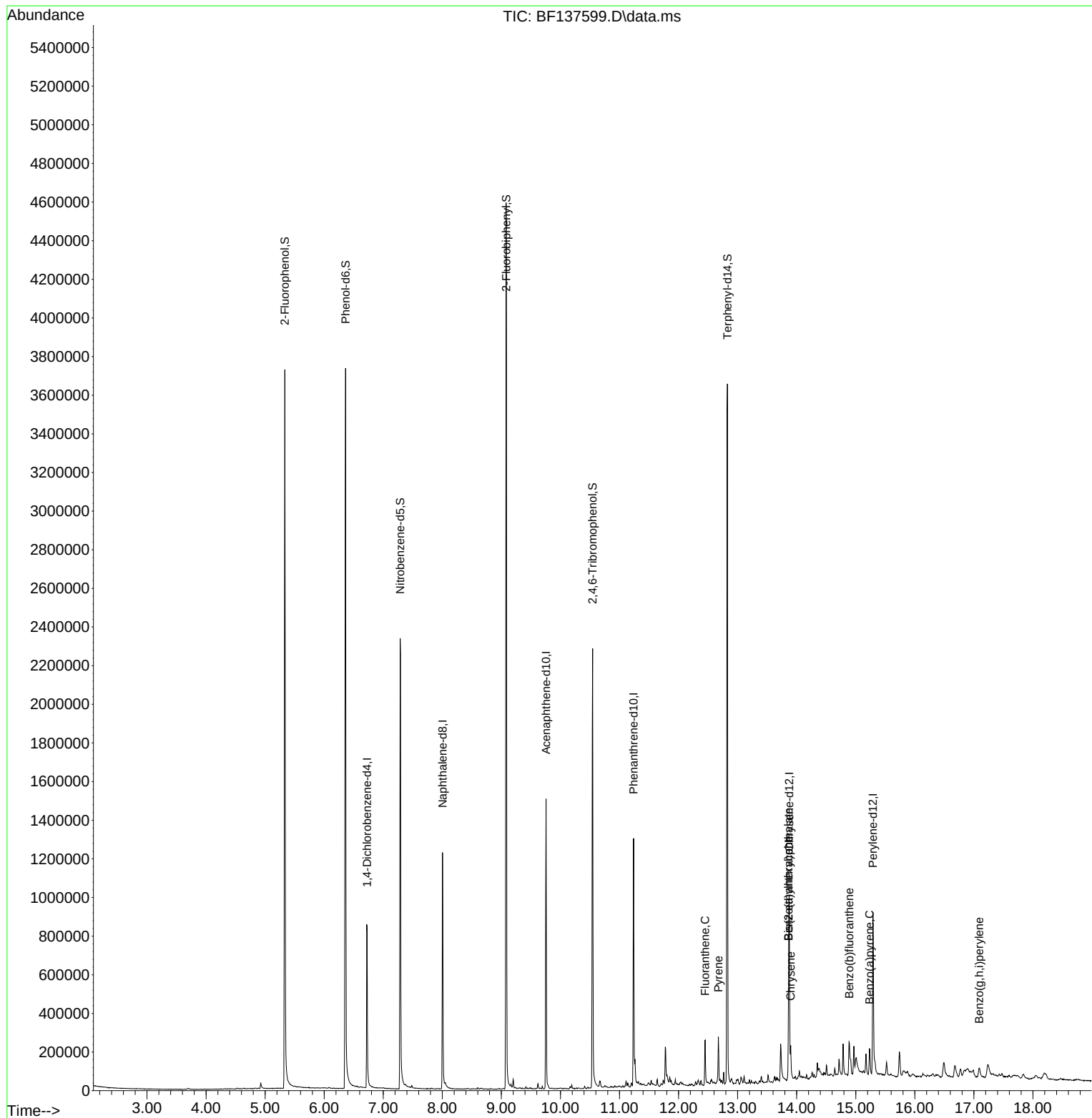
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
Data File : BF137599.D
Acq On : 14 Mar 2024 19:29
Operator : CG\JU
Sample : P1746-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

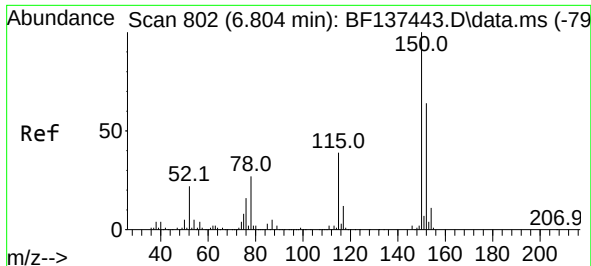
Instrument :
BNA_F
ClientSampleId :
SB-01-7.0-9.5

Quant Time: Mar 15 02:01:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
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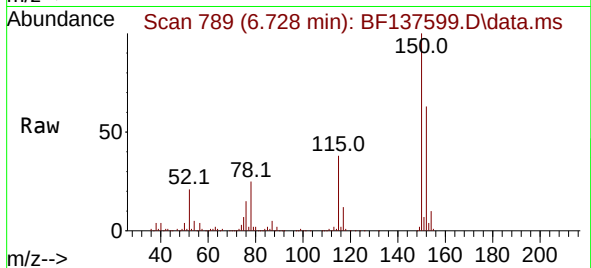
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137599.D
Acq: 14 Mar 2024 19:29

Instrument :

BNA_F

ClientSampleId :

SB-01-7.0-9.5

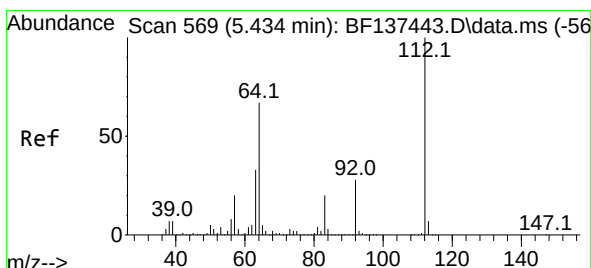
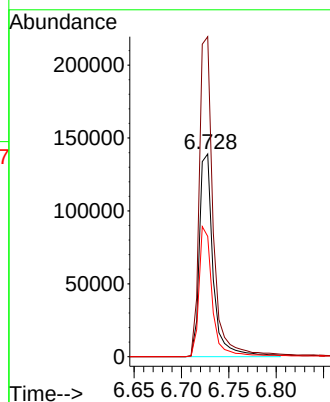
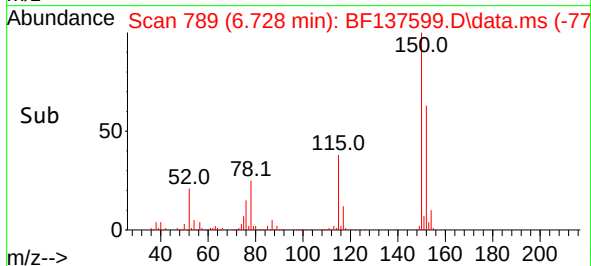


Tgt Ion:152 Resp: 14194
Ion Ratio Lower Upper
152 100
150 157.8 125.8 188.6
115 59.4 48.8 73.2

Manual Integrations

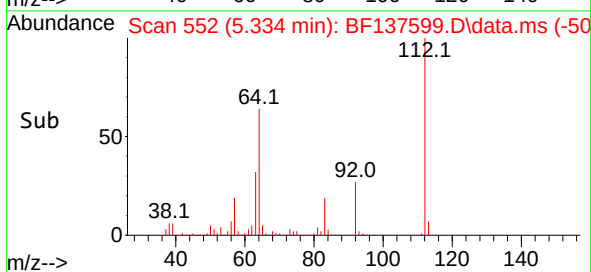
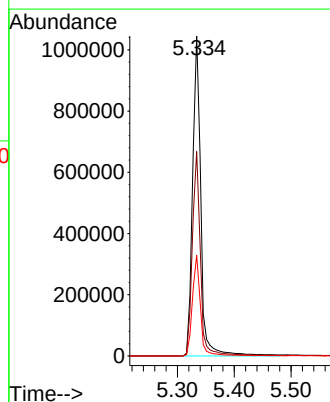
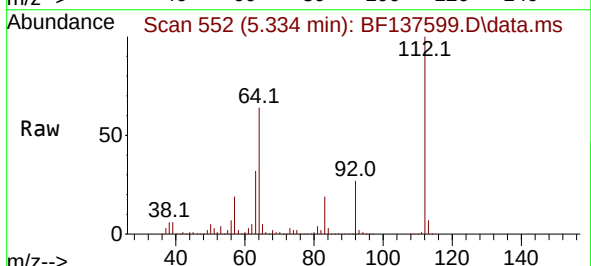
APPROVED

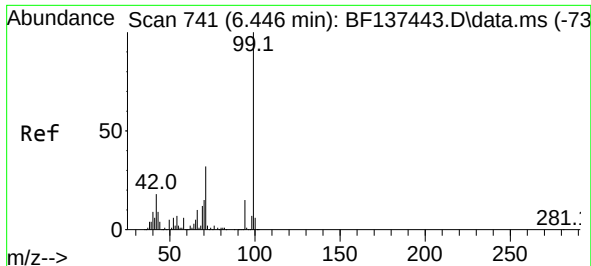
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#5
2-Fluorophenol
Concen: 112.713 ng
RT: 5.334 min Scan# 552
Delta R.T. -0.000 min
Lab File: BF137599.D
Acq: 14 Mar 2024 19:29

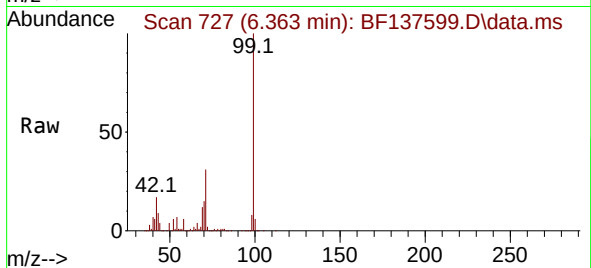
Tgt Ion:112 Resp: 1056352
Ion Ratio Lower Upper
112 100
64 63.9 53.4 80.2
63 31.5 26.2 39.2





#7
Phenol-d6
Concen: 104.316 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137599.D
Acq: 14 Mar 2024 19:29

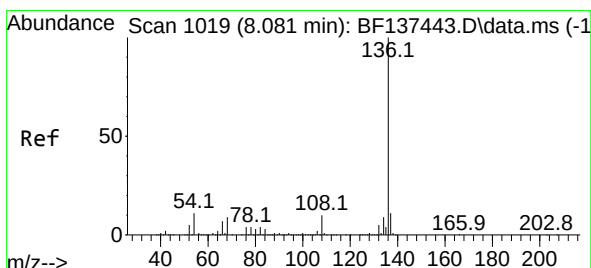
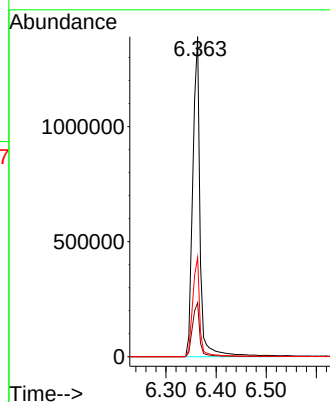
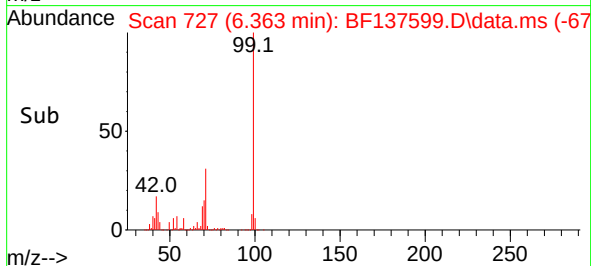
Instrument :
BNA_F
ClientSampleId :
SB-01-7.0-9.5



Tgt Ion: 99 Resp: 141121
Ion Ratio Lower Upper
99 100
42 16.9 14.6 21.8
71 31.0 25.3 37.9

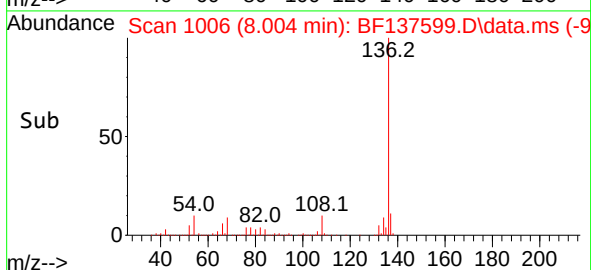
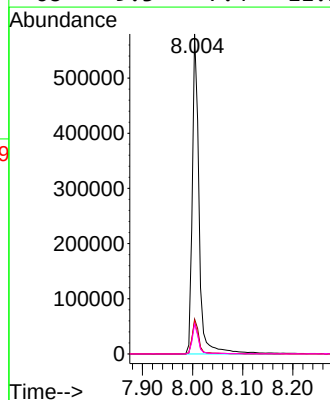
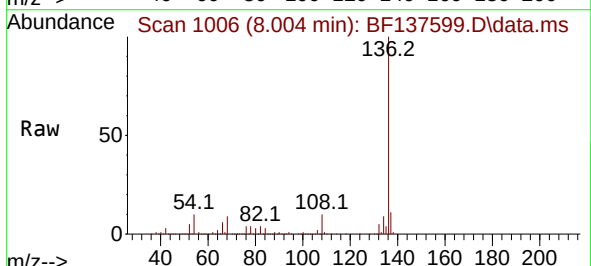
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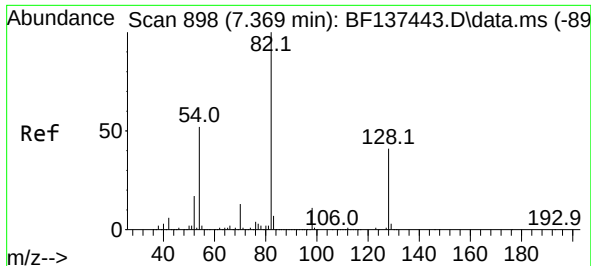
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137599.D
Acq: 14 Mar 2024 19:29

Tgt Ion:136 Resp: 544997
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 10.2 8.5 12.7
68 9.3 7.4 11.2





#23

Nitrobenzene-d5

Concen: 74.359 ng

RT: 7.287 min Scan# 8

Delta R.T. -0.012 min

Lab File: BF137599.D

Acq: 14 Mar 2024 19:29

Instrument :

BNA_F

ClientSampleId :

SB-01-7.0-9.5

Tgt Ion: 82 Resp: 87218

Ion Ratio Lower Upper

82 100

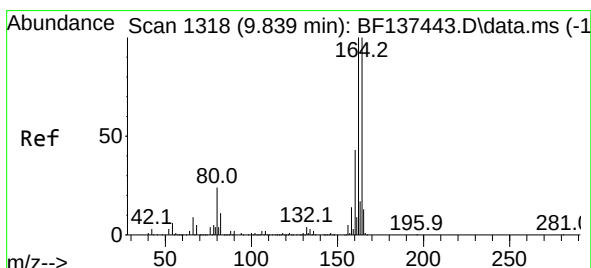
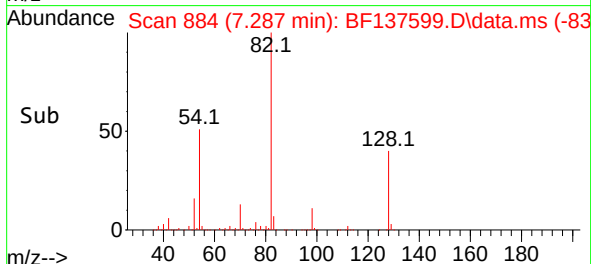
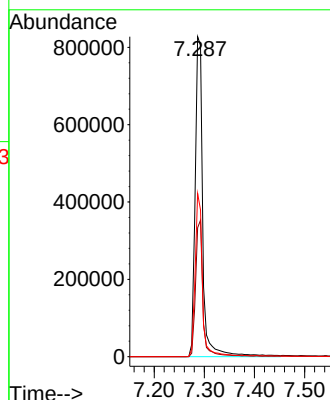
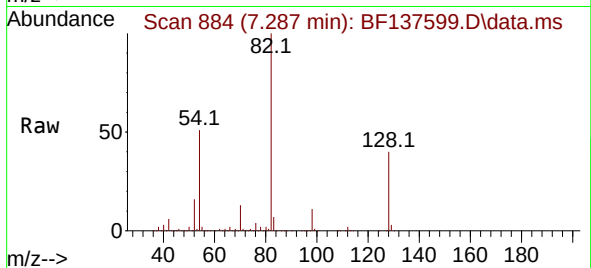
128 40.3 32.5 48.7

54 51.0 41.5 62.3

Manual Integrations

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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF137599.D

Acq: 14 Mar 2024 19:29

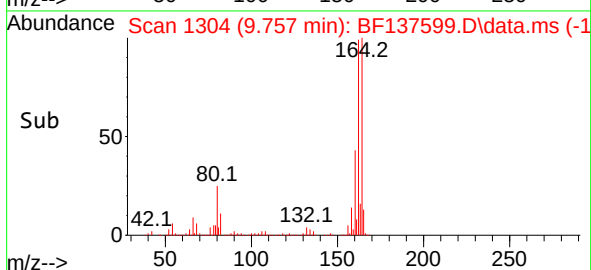
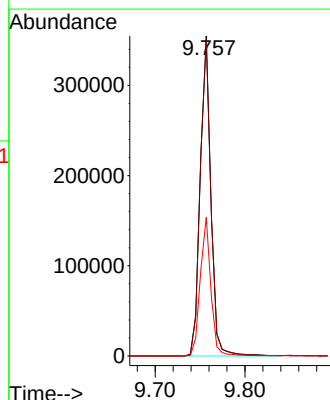
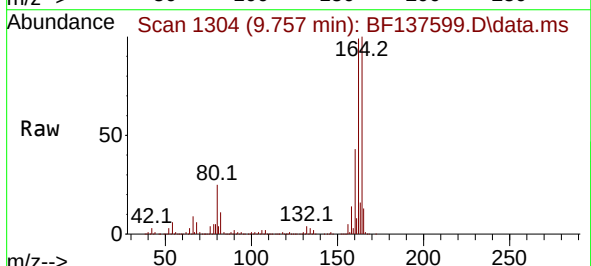
Tgt Ion:164 Resp: 292934

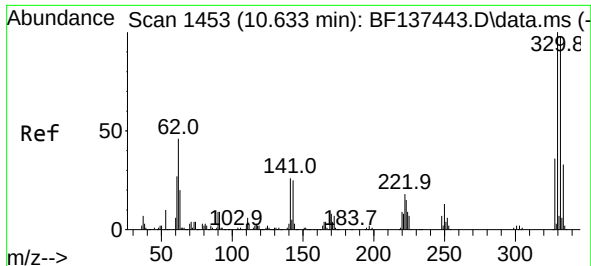
Ion Ratio Lower Upper

164 100

162 98.7 79.8 119.8

160 43.3 34.4 51.6





#42
2,4,6-Tribromophenol
Concen: 104.252 ng
RT: 10.545 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF137599.D
Acq: 14 Mar 2024 19:29

Instrument :

BNA_F

ClientSampleId :

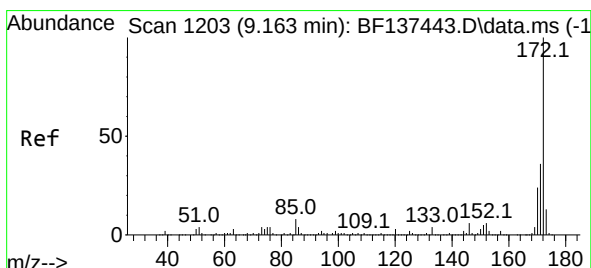
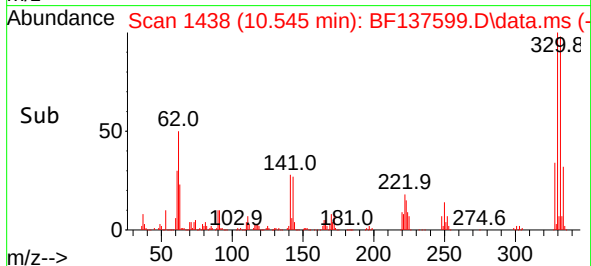
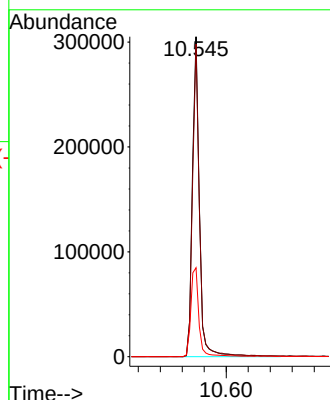
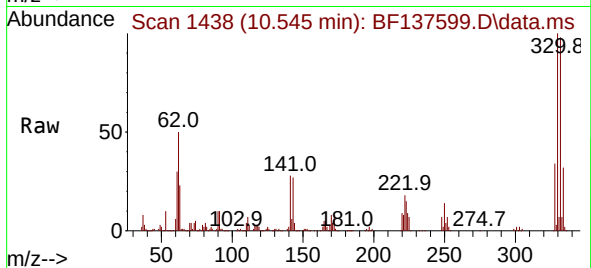
SB-01-7.0-9.5

Tgt Ion:330 Resp: 268180
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 32.4 27.3 40.9

Manual Integrations

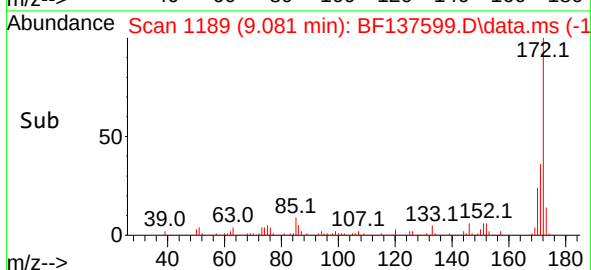
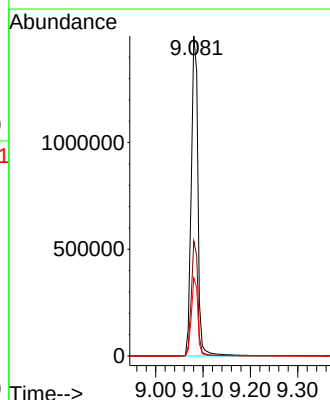
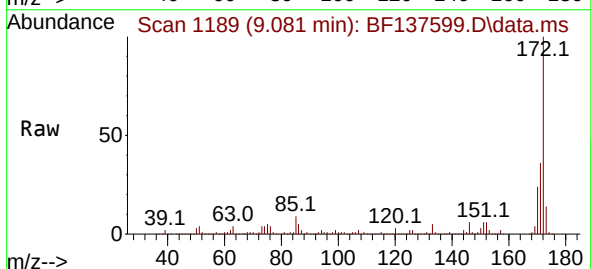
APPROVED

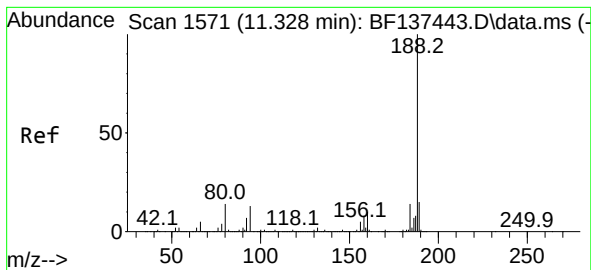
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#45
2-Fluorobiphenyl
Concen: 78.373 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF137599.D
Acq: 14 Mar 2024 19:29

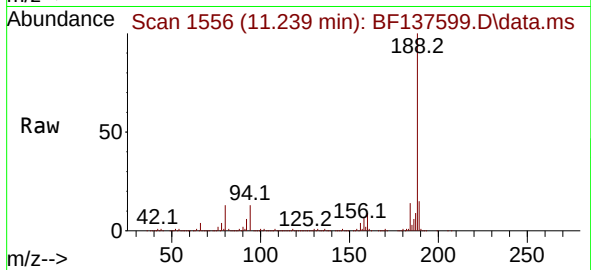
Tgt Ion:172 Resp: 1466637
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 24.4 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137599.D
Acq: 14 Mar 2024 19:29

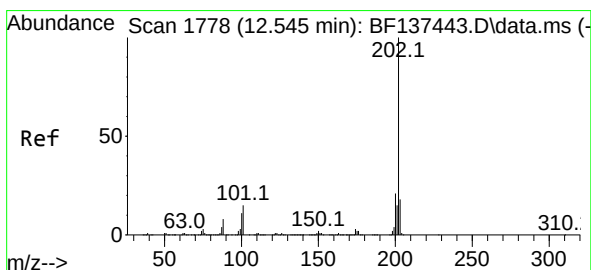
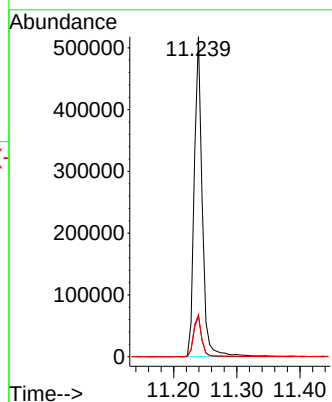
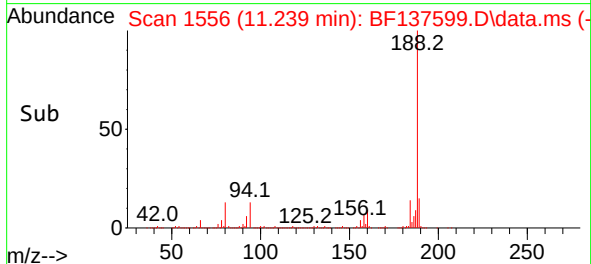
Instrument :
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ClientSampleId :
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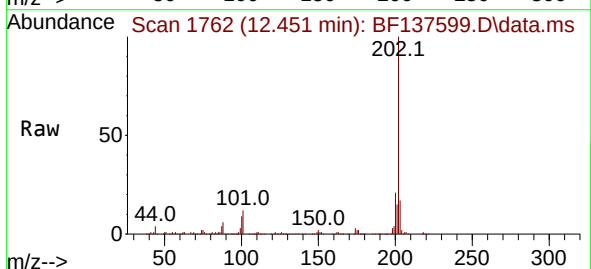
Tgt Ion:188 Resp: 457059
Ion Ratio Lower Upper
188 100
94 12.6 10.6 15.8
80 13.1 11.5 17.3

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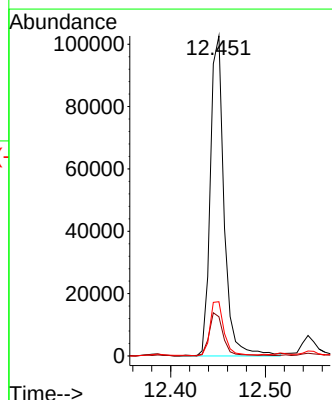
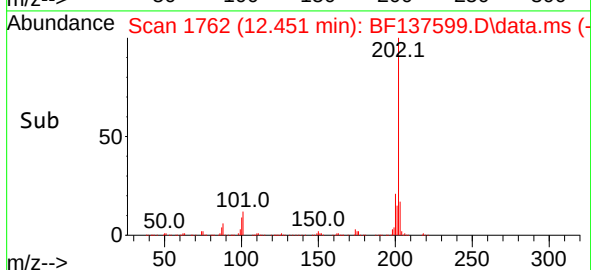
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

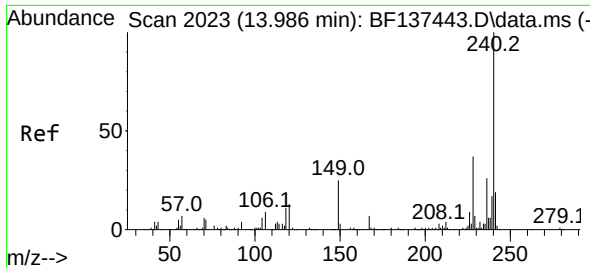


#75
Fluoranthene
Concen: 4.265 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BF137599.D
Acq: 14 Mar 2024 19:29



Tgt Ion:202 Resp: 103688
Ion Ratio Lower Upper
202 100
101 12.3 0.0 35.0
203 17.0 0.0 37.7





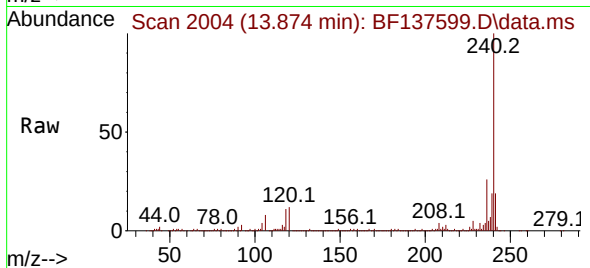
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Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF137599.D
Acq: 14 Mar 2024 19:29

Instrument :

BNA_F

ClientSampleId :

SB-01-7.0-9.5

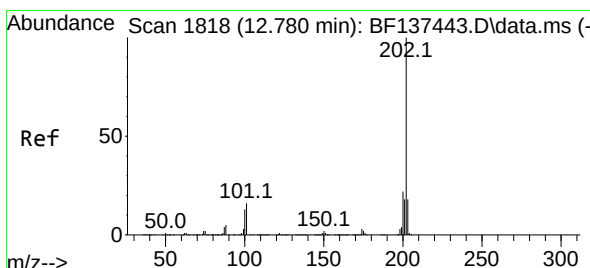
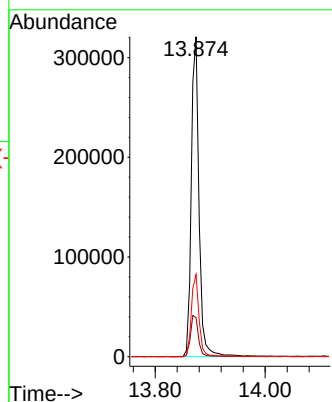
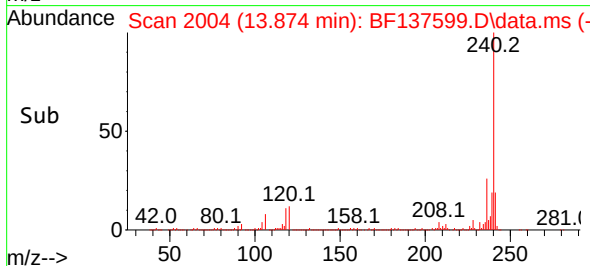


Tgt Ion:240 Resp: 312628
Ion Ratio Lower Upper
240 100
120 12.2 10.4 15.6
236 25.6 20.9 31.3

Manual Integrations

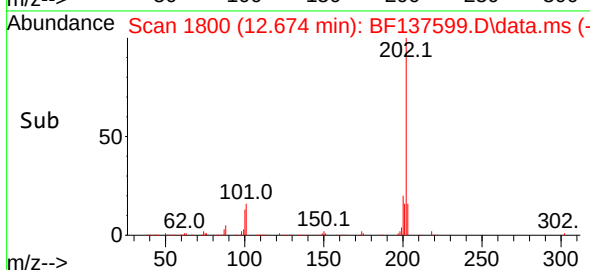
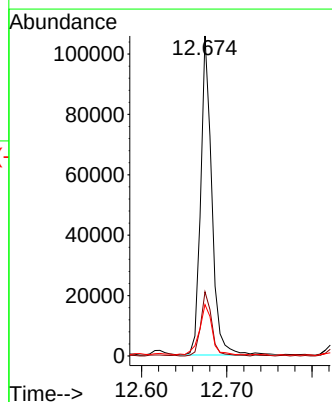
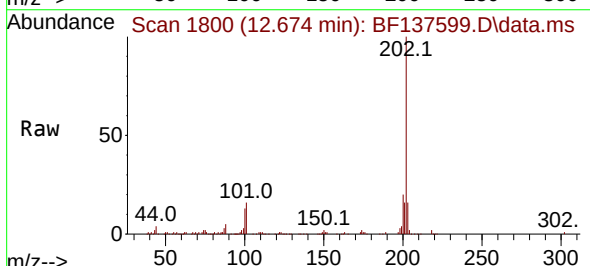
APPROVED

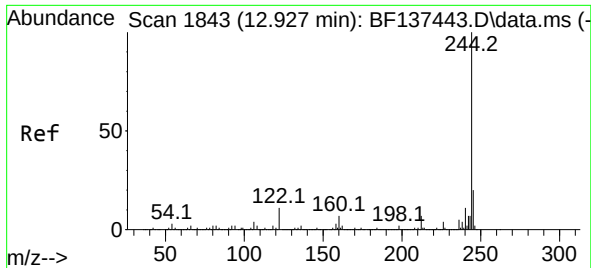
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#78
Pyrene
Concen: 3.120 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF137599.D
Acq: 14 Mar 2024 19:29

Tgt Ion:202 Resp: 95710
Ion Ratio Lower Upper
202 100
200 20.0 17.4 26.2
203 16.0 14.1 21.1





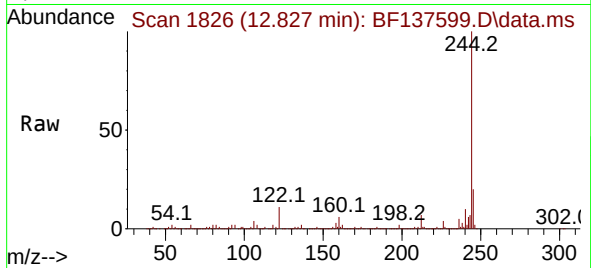
#79
 Terphenyl-d14
 Concen: 60.245 ng
 RT: 12.827 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF137599.D
 Acq: 14 Mar 2024 19:29

Instrument :

BNA_F

ClientSampleId :

SB-01-7.0-9.5

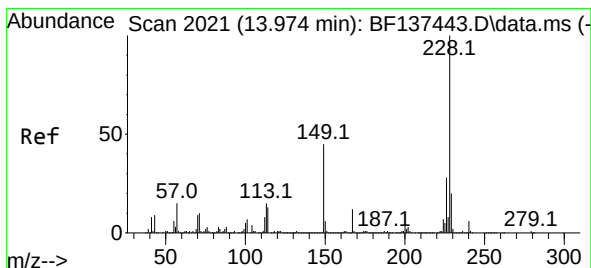
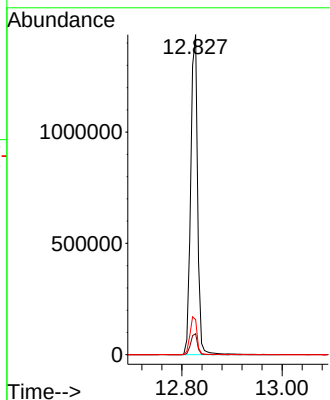
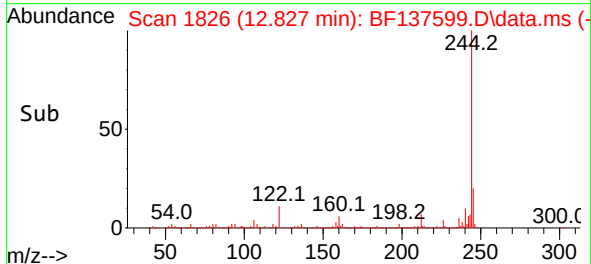


Tgt Ion:244 Resp: 136965
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.9 9.1 13.7

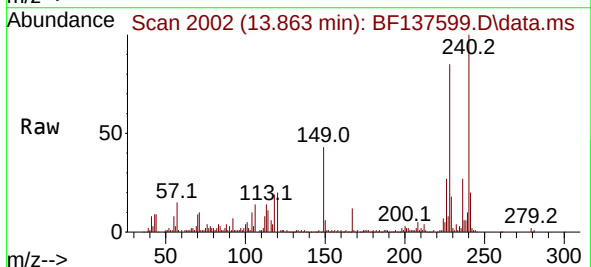
Manual Integrations

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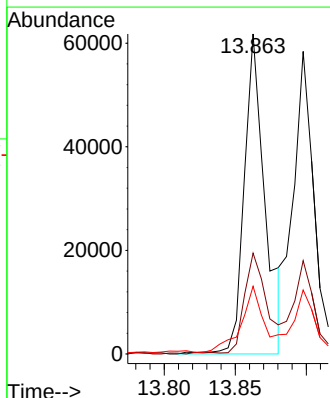
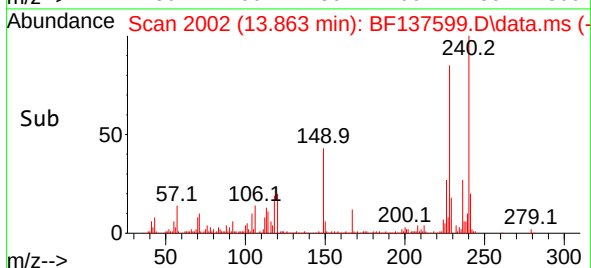
Reviewed By :Jagrut Upadhyay 03/15/2024
 Supervised By :mohammad ahmed 03/16/2024

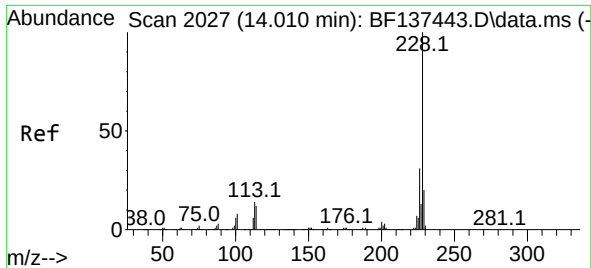


#81
 Benzo(a)anthracene
 Concen: 2.866 ng
 RT: 13.863 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: BF137599.D
 Acq: 14 Mar 2024 19:29



Tgt Ion:228 Resp: 62792
 Ion Ratio Lower Upper
 228 100
 226 31.5 22.3 33.5
 229 21.2 16.3 24.5





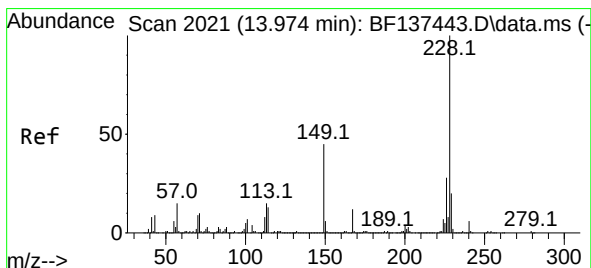
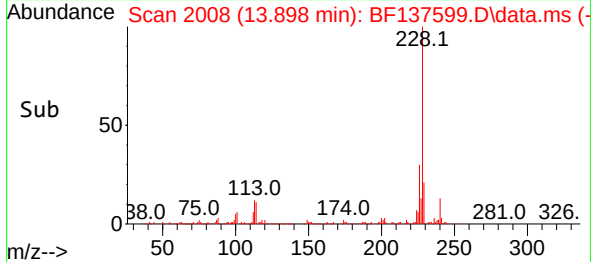
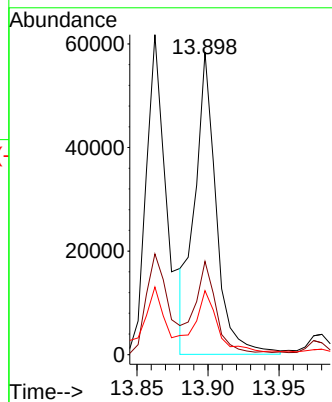
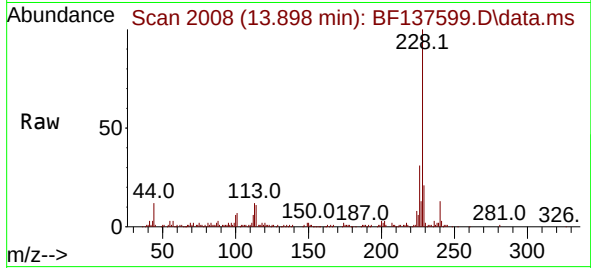
#83
Chrysene
Concen: 2.764 ng
RT: 13.898 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BF137599.D
Acq: 14 Mar 2024 19:29

Instrument :
BNA_F
ClientSampleId :
SB-01-7.0-9.5

Tgt Ion:228 Resp: 61220
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 21.1 15.9 23.9

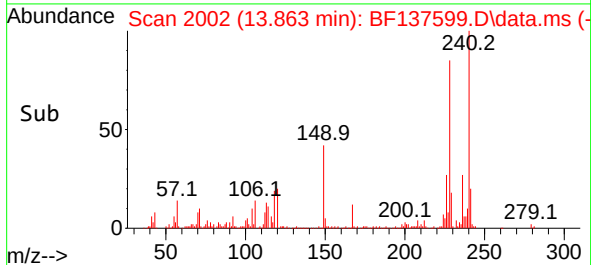
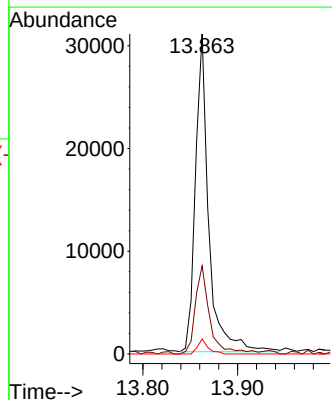
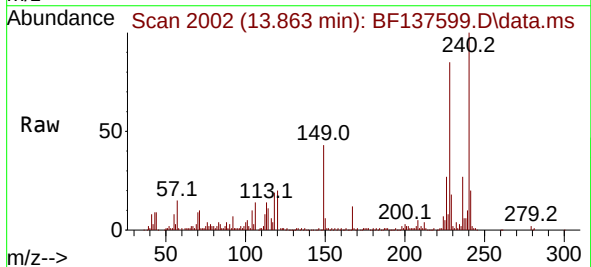
Manual Integrations
APPROVED

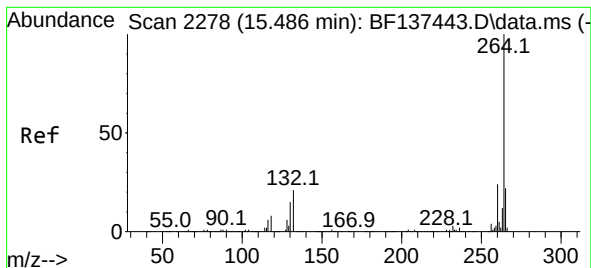
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.034 ng
RT: 13.863 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BF137599.D
Acq: 14 Mar 2024 19:29

Tgt Ion:149 Resp: 30207
Ion Ratio Lower Upper
149 100
167 27.5 21.3 31.9
279 4.7 2.6 4.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BF137599.D
Acq: 14 Mar 2024 19:29

Instrument :

BNA_F

ClientSampleId :

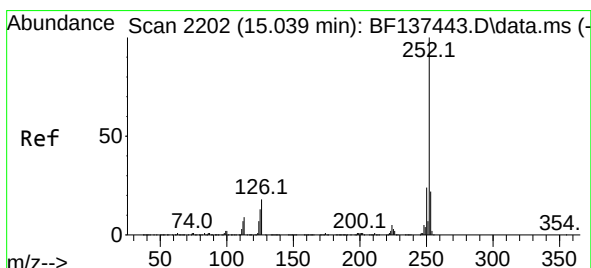
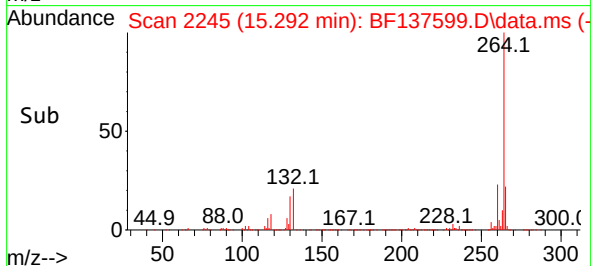
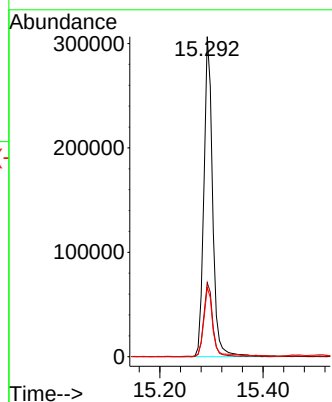
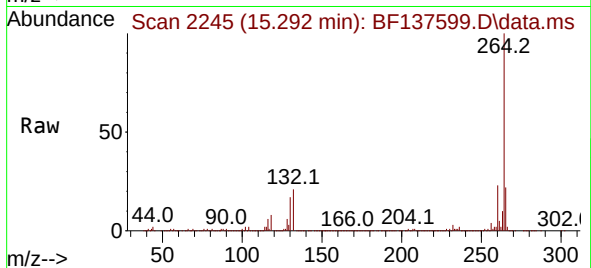
SB-01-7.0-9.5

Tgt Ion:264 Resp: 36029
Ion Ratio Lower Upper
264 100
260 23.2 19.3 28.9
265 21.6 17.4 26.0

Manual Integrations

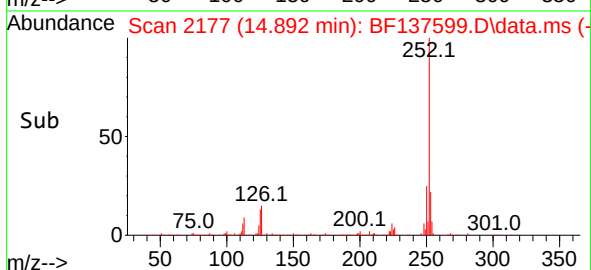
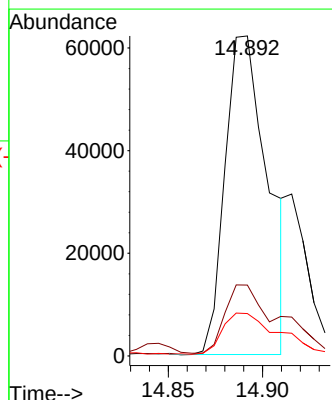
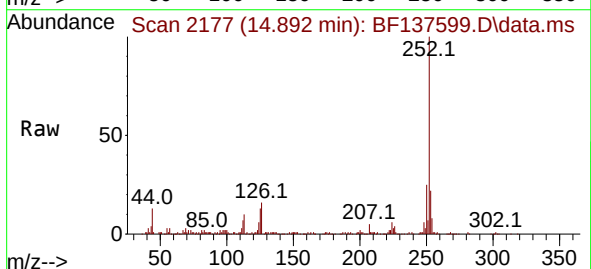
APPROVED

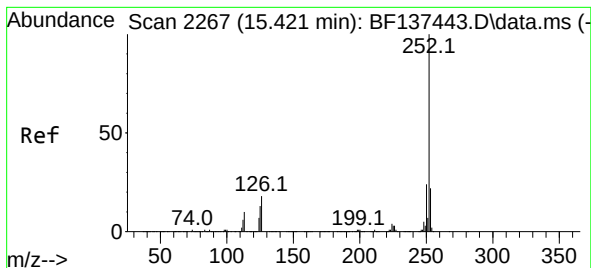
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024



#88
Benzo(b)fluoranthene
Concen: 4.581 ng m
RT: 14.892 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BF137599.D
Acq: 14 Mar 2024 19:29

Tgt Ion:252 Resp: 97632
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 13.2 10.1 15.1





#90

Benzo(a)pyrene

Concen: 3.055 ng

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137599.D

Acq: 14 Mar 2024 19:29

Instrument :

BNA_F

ClientSampleId :

SB-01-7.0-9.5

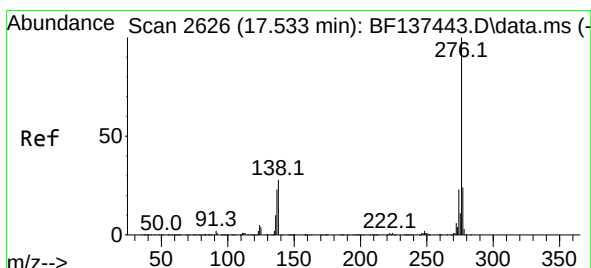
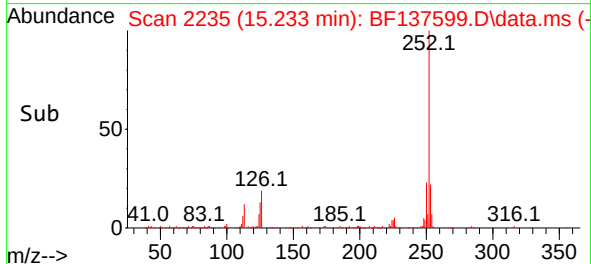
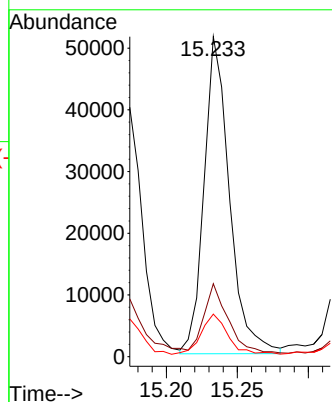
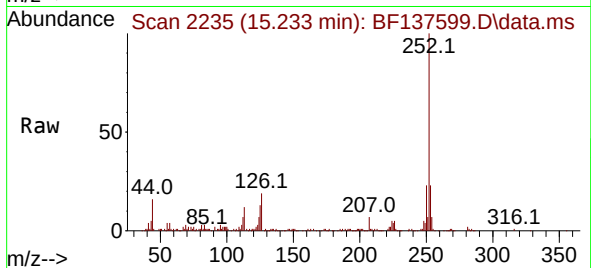
Tgt Ion:252 Resp: 64170

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	13.3	10.4	15.6

Manual Integrations

APPROVED

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



#92

Benzo(g,h,i)perylene

Concen: 2.024 ng

RT: 17.092 min Scan# 2551

Delta R.T. -0.012 min

Lab File: BF137599.D

Acq: 14 Mar 2024 19:29

Tgt Ion:276 Resp: 39985

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.0	28.4
138	30.0	22.2	33.2

