

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
 Data File : BF137757.D
 Acq On : 29 Apr 2024 19:22
 Operator : CG\JU
 Sample : P2294-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FOOT-PRINT-A-1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
 Supervised By :mohammad ahmed 05/03/2024

Quant Time: Apr 30 03:08:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	269610	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1035666	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	538908	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	761719	20.000	ng	0.00
76) Chrysene-d12	14.251	240	476050	20.000	ng	# 0.00
86) Perylene-d12	15.821	264	460119	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1353069	76.235	ng	0.00
7) Phenol-d6	6.669	99	1727751	76.656	ng	0.00
23) Nitrobenzene-d5	7.622	82	1017980	52.177	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	417788	76.828	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2046287	56.736	ng	0.00
79) Terphenyl-d14	13.186	244	1587577	53.677	ng	-0.01
Target Compounds						
71) Phenanthrene	11.622	178	174183	4.320	ng	98
75) Fluoranthene	12.816	202	299356	7.063	ng	99
78) Pyrene	13.051	202	271366	6.945	ng	98
81) Benzo(a)anthracene	14.239	228	124294	3.743	ng	98
83) Chrysene	14.274	228	127828m	4.120	ng	
88) Benzo(b)fluoranthene	15.345	252	154294m	5.240	ng	
90) Benzo(a)pyrene	15.751	252	98474	3.728	ng	98
92) Benzo(g,h,i)perylene	17.951	276	48640	2.363	ng	98

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

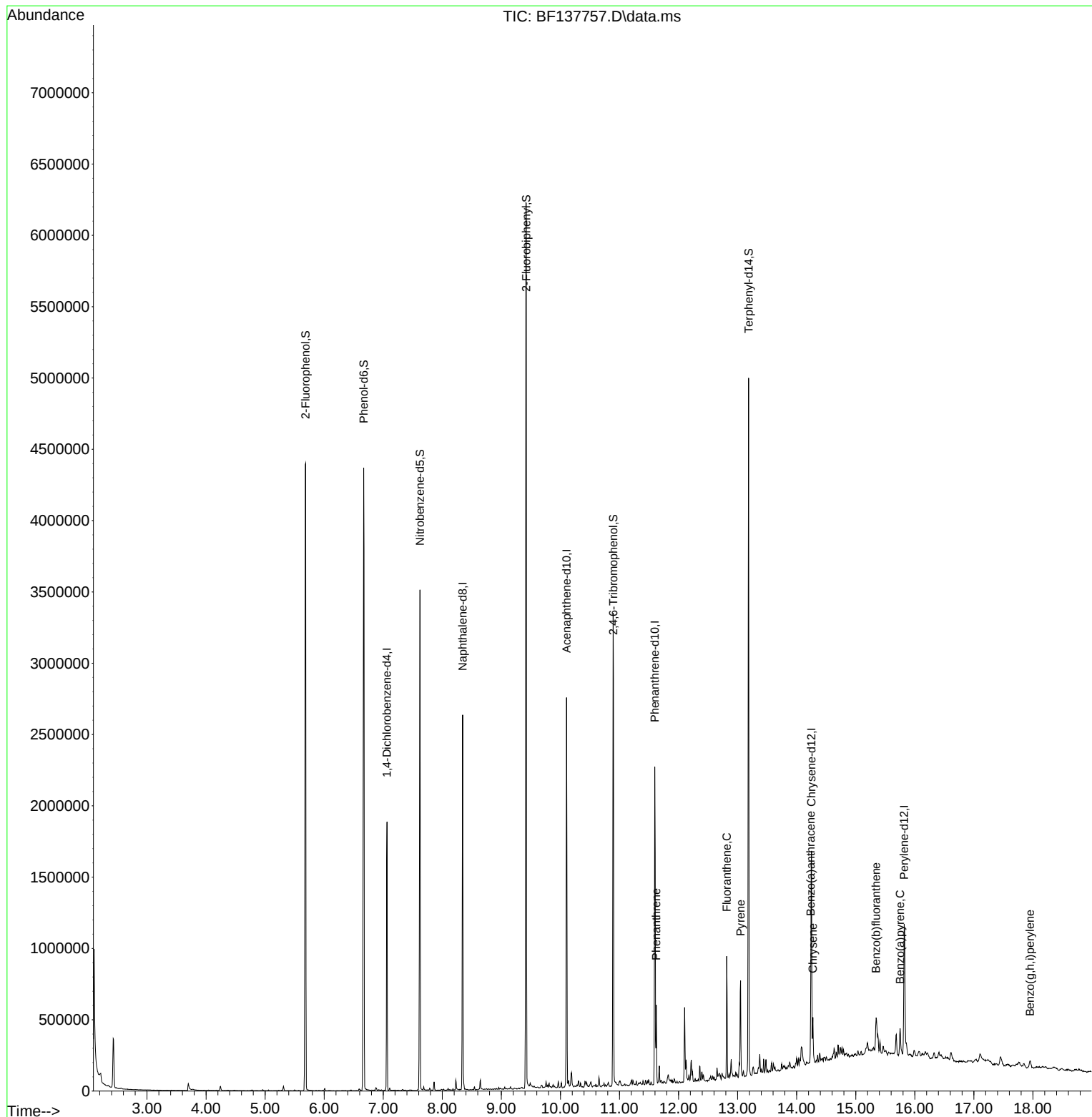
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
Data File : BF137757.D
Acq On : 29 Apr 2024 19:22
Operator : CG\JU
Sample : P2294-01
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ALS Vial : 13 Sample Multiplier: 1

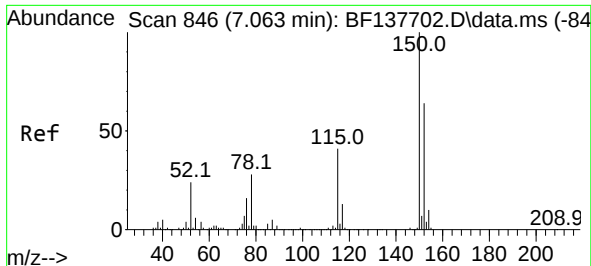
Instrument :
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FOOT-PRINT-A-1

Quant Time: Apr 30 03:08:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:57:12 2024
Response via : Initial Calibration

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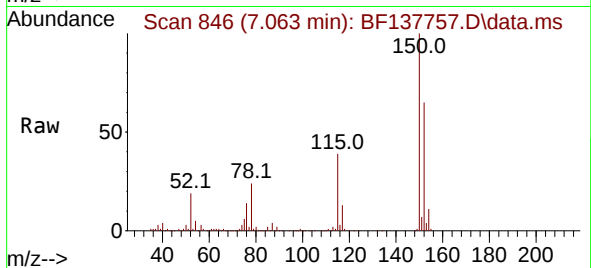
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

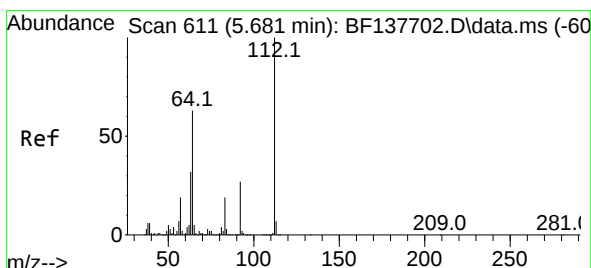
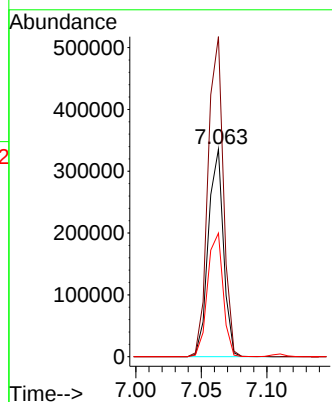
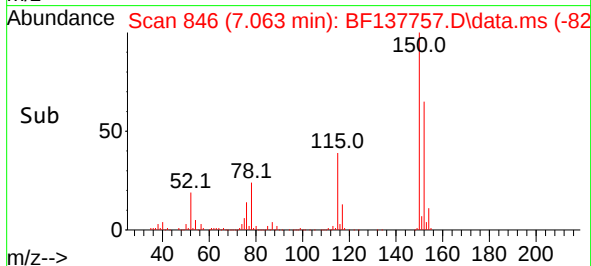
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BNA_F
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FOOT-PRINT-A-1



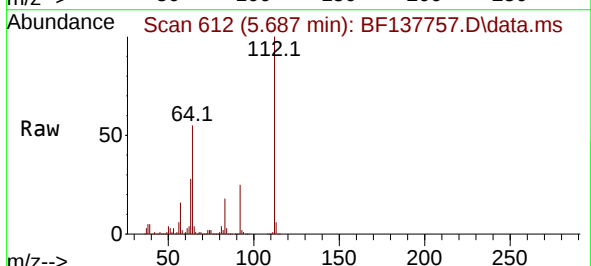
Tgt Ion:152 Resp: 269610
Ion Ratio Lower Upper
152 100
150 154.2 124.2 186.4
115 59.5 50.8 76.2

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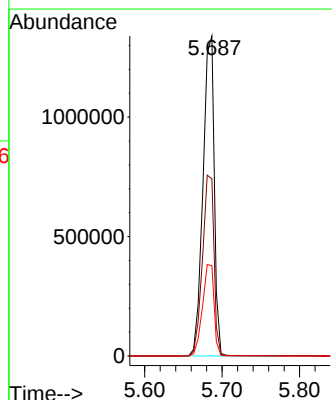
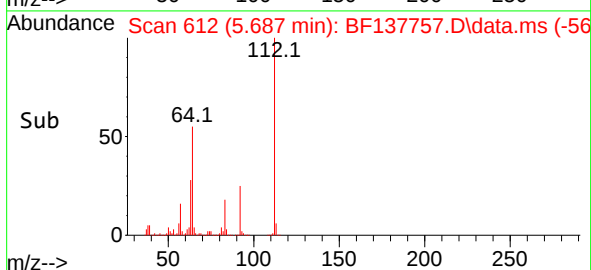
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

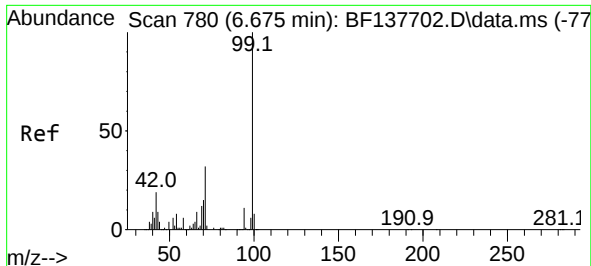


#5
2-Fluorophenol
Concen: 76.235 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.006 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22



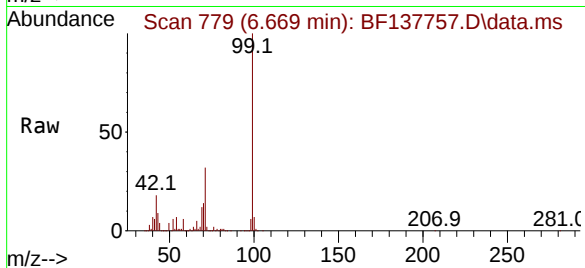
Tgt Ion:112 Resp: 1353069
Ion Ratio Lower Upper
112 100
64 55.4 50.1 75.1
63 28.2 25.2 37.8





#7
Phenol-d6
Concen: 76.656 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

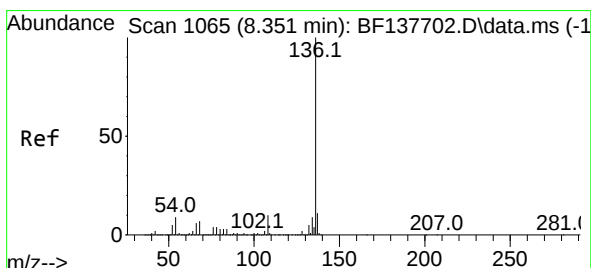
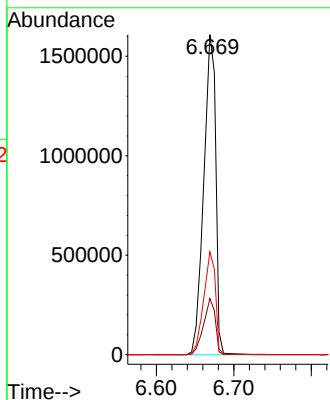
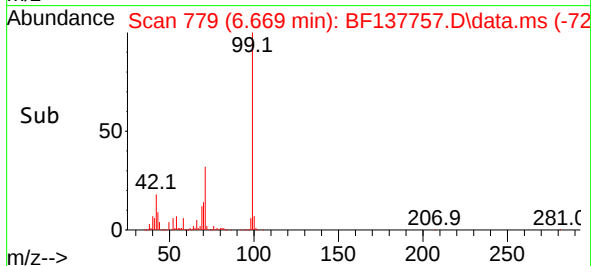
Instrument :
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ClientSampleId :
FOOT-PRINT-A-1



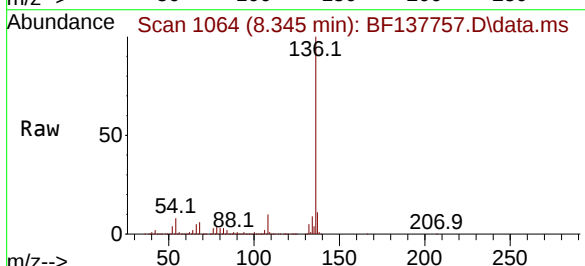
Tgt Ion: 99 Resp: 172775
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.4
71 32.2 25.7 38.5

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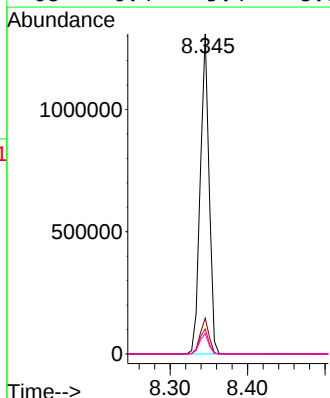
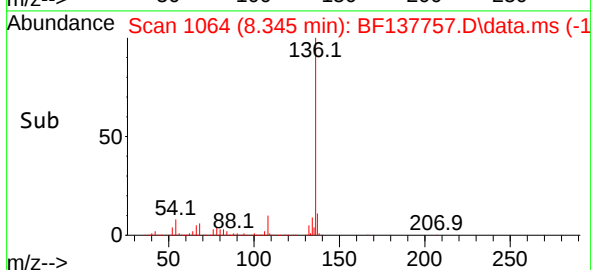
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

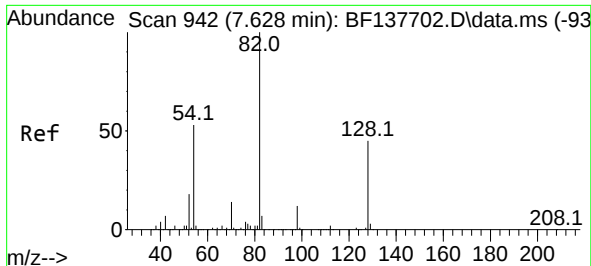


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22



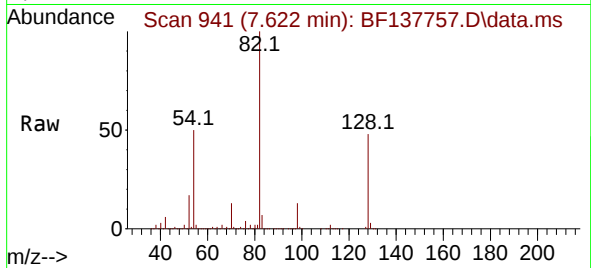
Tgt Ion:136 Resp: 1035666
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.9 6.9 10.3
68 6.4 5.4 8.0





#23
Nitrobenzene-d5
Concen: 52.177 ng
RT: 7.622 min Scan# 942
Delta R.T. -0.006 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

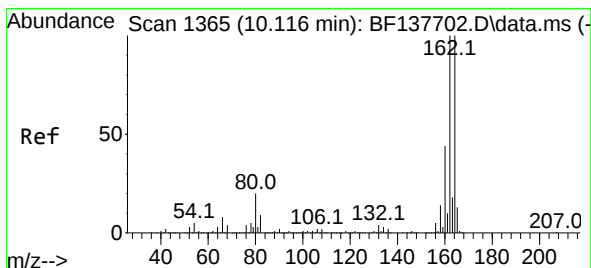
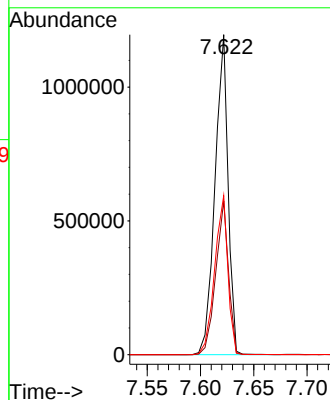
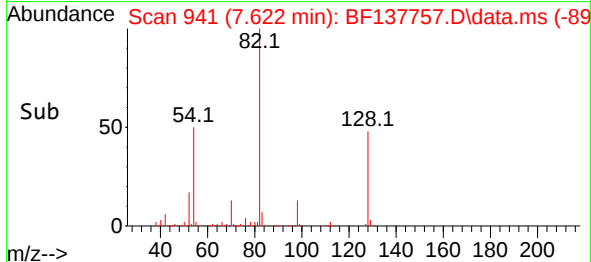
Instrument :
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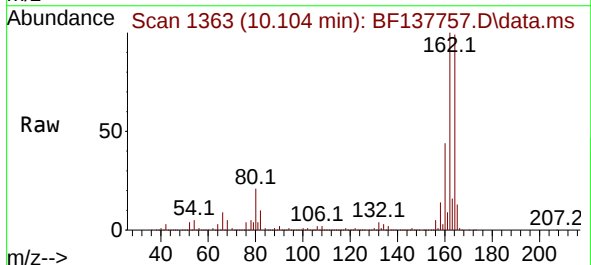
Tgt Ion: 82 Resp: 1017980
Ion Ratio Lower Upper
82 100
128 48.1 35.8 53.6
54 49.7 42.5 63.7

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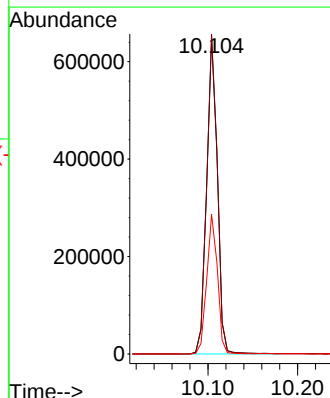
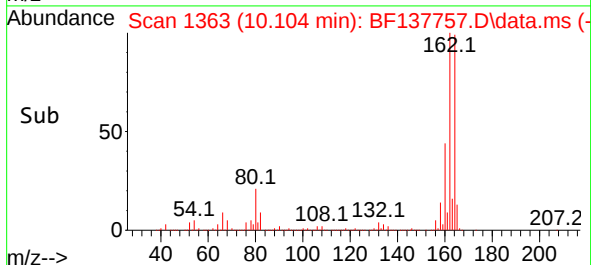
Reviewed By :Jagrut Upadhyay 04/30/2024
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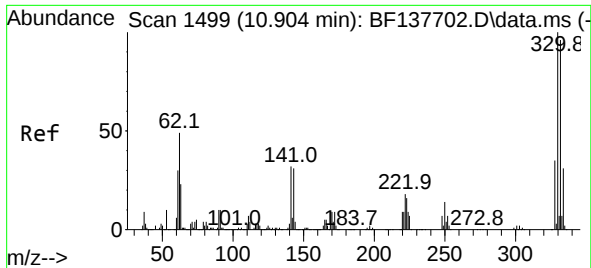


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22



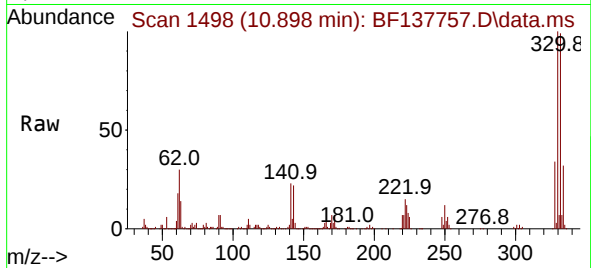
Tgt Ion:164 Resp: 538908
Ion Ratio Lower Upper
164 100
162 101.1 80.3 120.5
160 44.1 35.0 52.4





#42
2,4,6-Tribromophenol
Concen: 76.828 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

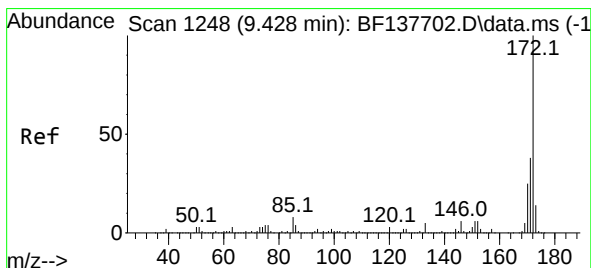
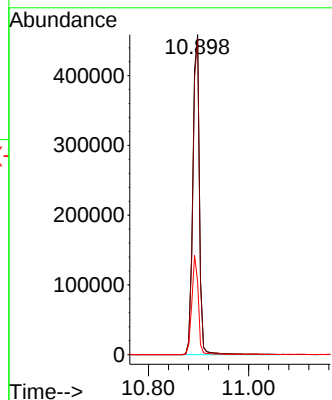
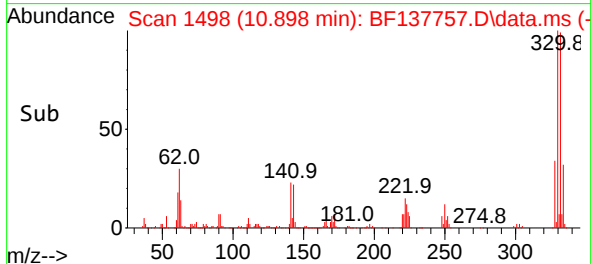
Instrument :
BNA_F
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FOOT-PRINT-A-1



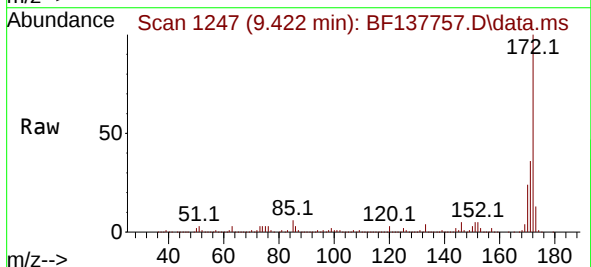
Tgt Ion:330 Resp: 417788
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 30.1 27.0 40.4

Manual Integrations
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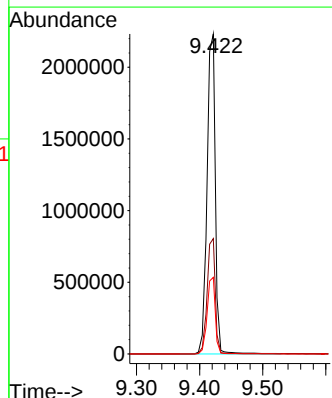
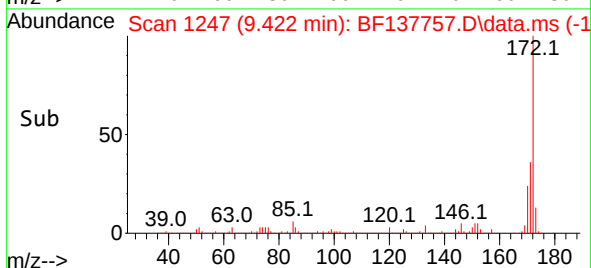
Reviewed By :Jagrut Upadhyay 04/30/2024
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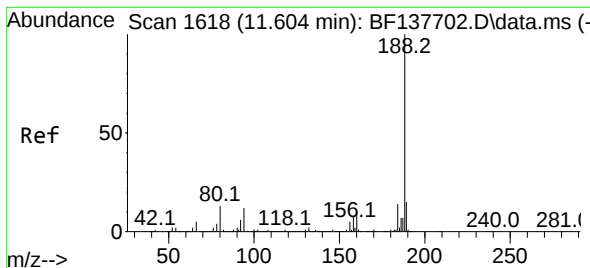


#45
2-Fluorobiphenyl
Concen: 56.736 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22



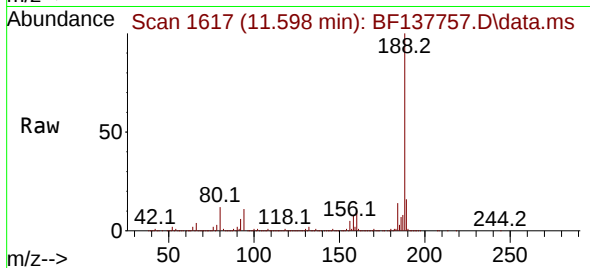
Tgt Ion:172 Resp: 2046287
Ion Ratio Lower Upper
172 100
171 36.0 30.2 45.4
170 24.0 20.2 30.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.598 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

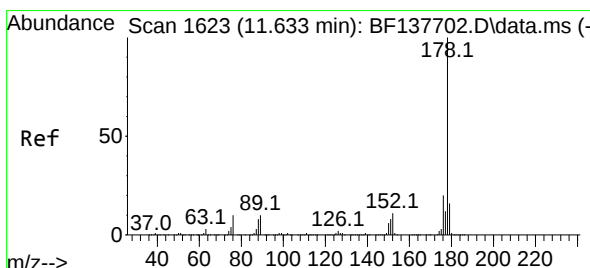
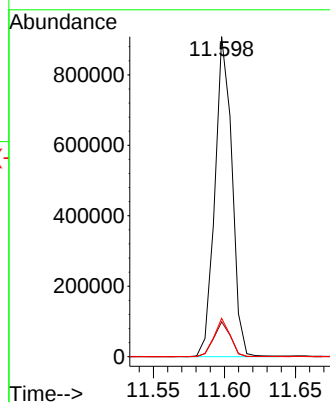
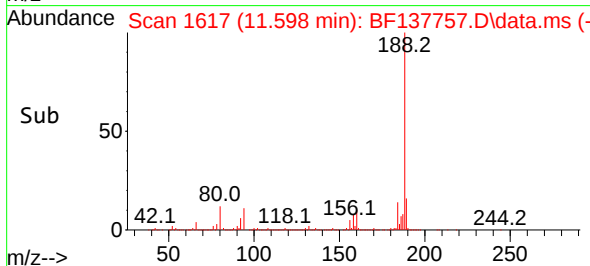
Instrument :
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FOOT-PRINT-A-1



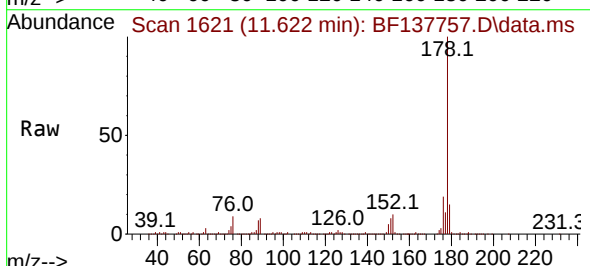
Tgt Ion:188 Resp: 761719
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 12.0 10.2 15.4

Manual Integrations
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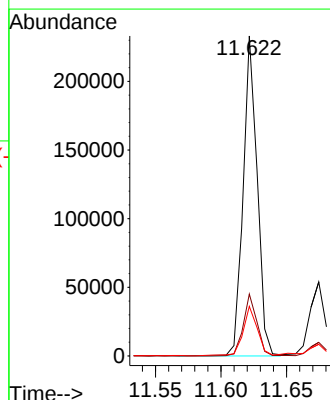
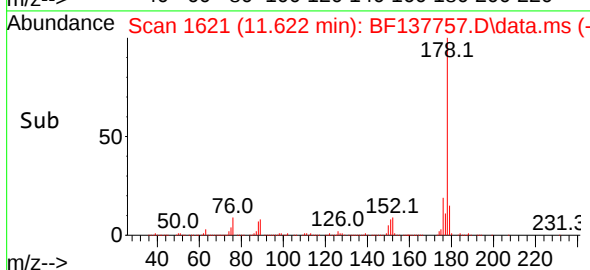
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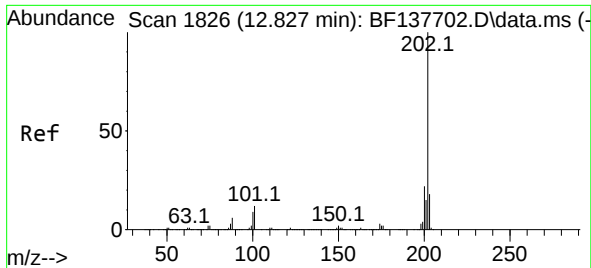


#71
Phenanthrene
Concen: 4.320 ng
RT: 11.622 min Scan# 1621
Delta R.T. -0.012 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22



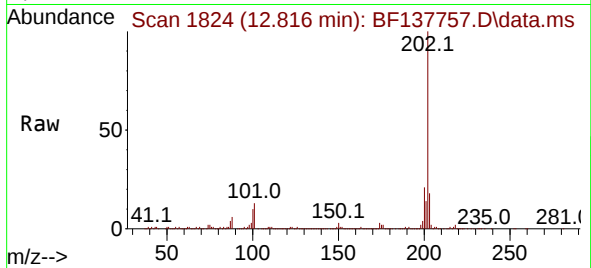
Tgt Ion:178 Resp: 174183
Ion Ratio Lower Upper
178 100
176 19.4 16.4 24.6
179 15.5 12.8 19.2





#75
Fluoranthene
Concen: 7.063 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

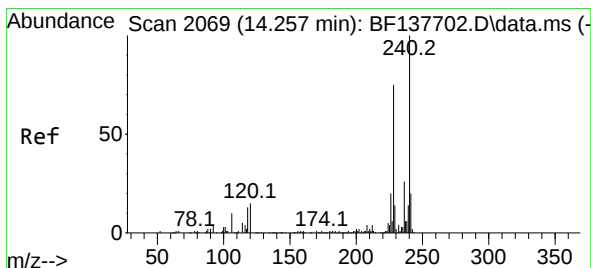
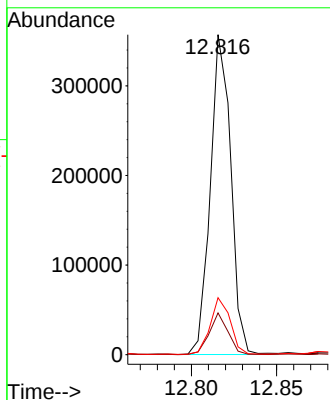
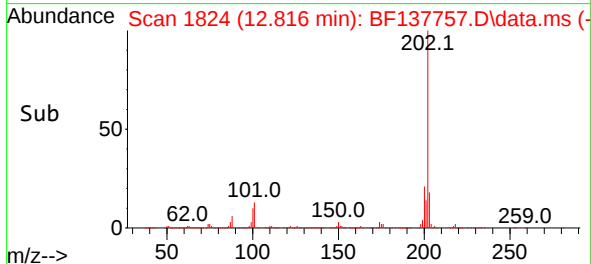
Instrument :
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FOOT-PRINT-A-1



Tgt Ion:202 Resp: 299350
Ion Ratio Lower Upper
202 100
101 13.1 0.0 32.2
203 17.8 0.0 38.1

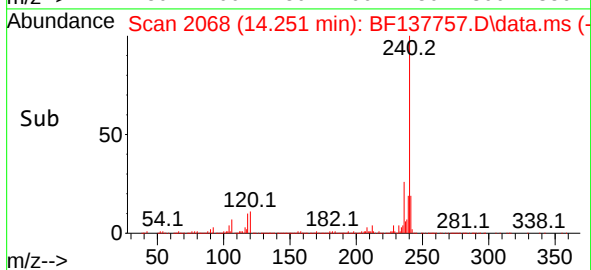
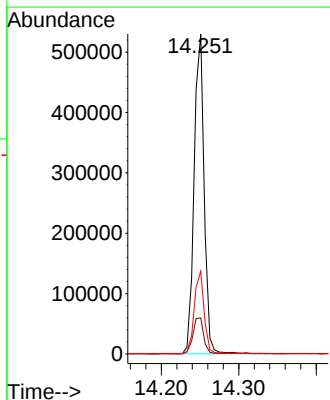
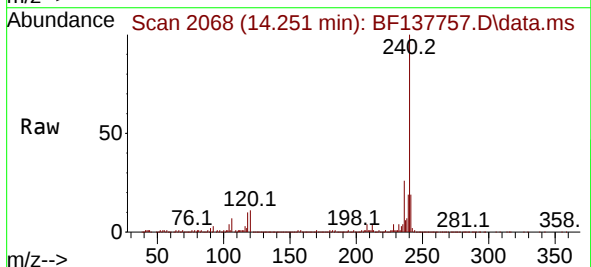
Manual Integrations
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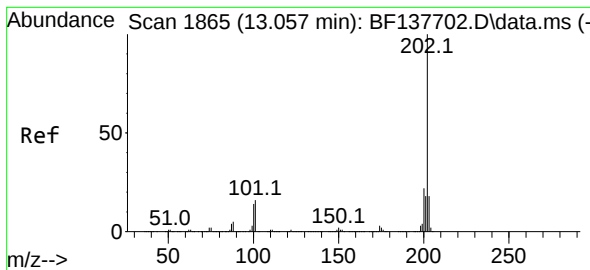
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

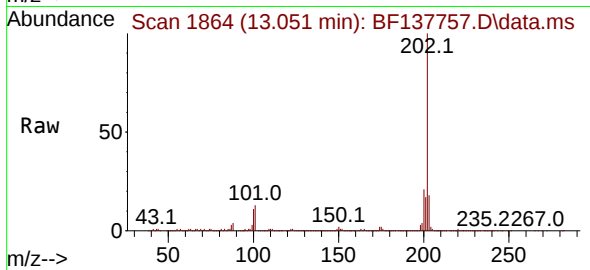
Tgt Ion:240 Resp: 476050
Ion Ratio Lower Upper
240 100
120 11.2 11.9 17.9#
236 25.8 20.8 31.2





#78
Pyrene
Concen: 6.945 ng
RT: 13.051 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

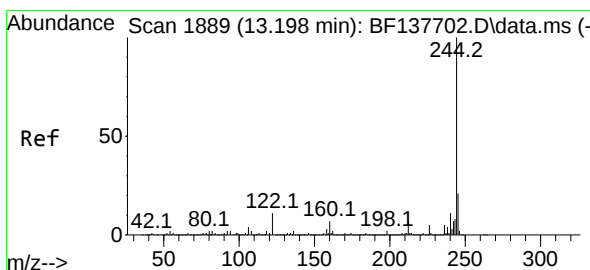
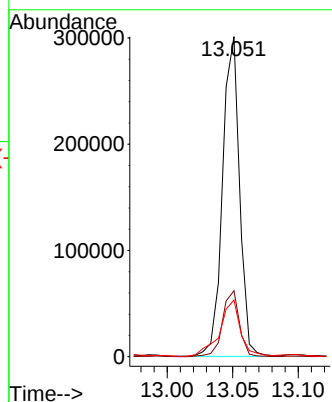
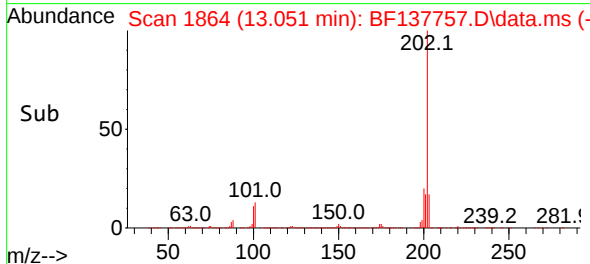
Instrument :
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FOOT-PRINT-A-1



Tgt Ion:202 Resp: 271360
Ion Ratio Lower Upper
202 100
200 20.6 17.8 26.6
203 17.7 14.6 21.8

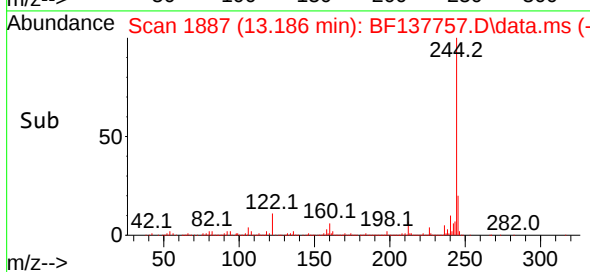
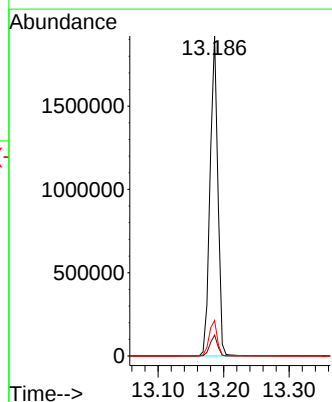
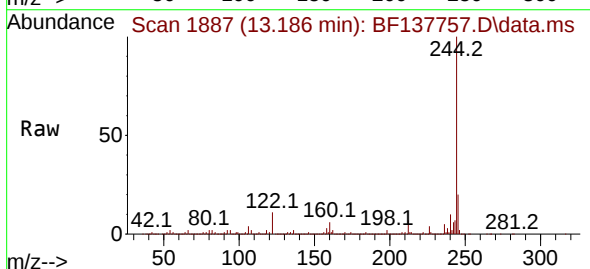
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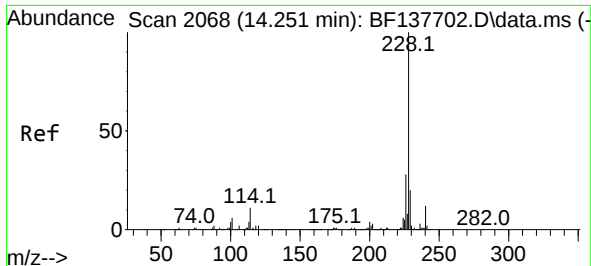
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#79
Terphenyl-d14
Concen: 53.677 ng
RT: 13.186 min Scan# 1887
Delta R.T. -0.012 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

Tgt Ion:244 Resp: 1587577
Ion Ratio Lower Upper
244 100
212 6.5 5.5 8.3
122 11.1 8.8 13.2





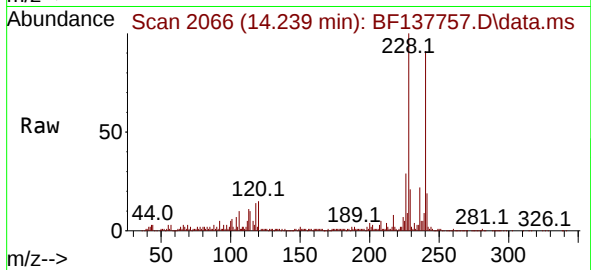
#81
Benzo(a)anthracene
Concen: 3.743 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

Instrument :

BNA_F

ClientSampleId :

FOOT-PRINT-A-1

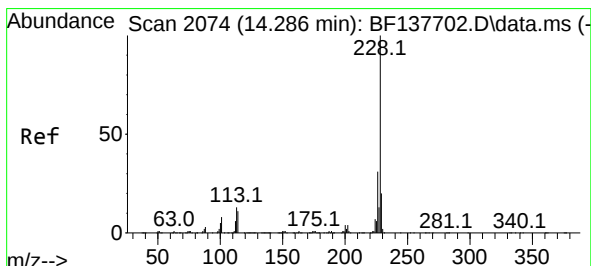
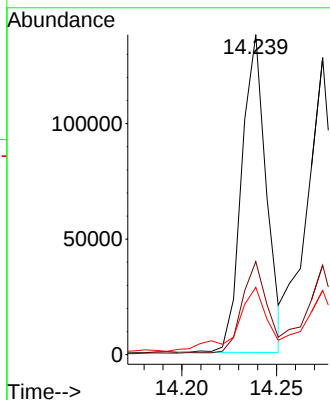
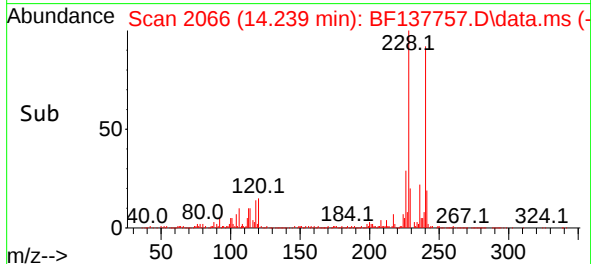


Tgt Ion:228 Resp: 124294
Ion Ratio Lower Upper
228 100
226 29.1 22.7 34.1
229 21.0 16.0 24.0

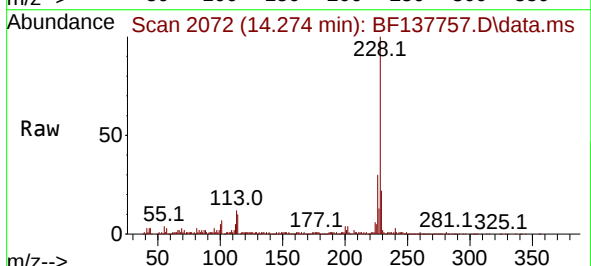
Manual Integrations

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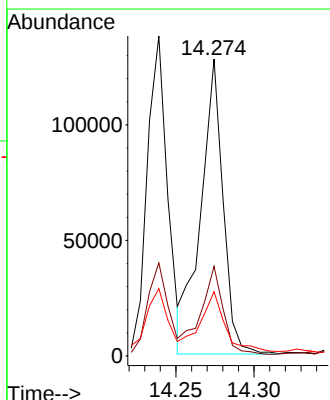
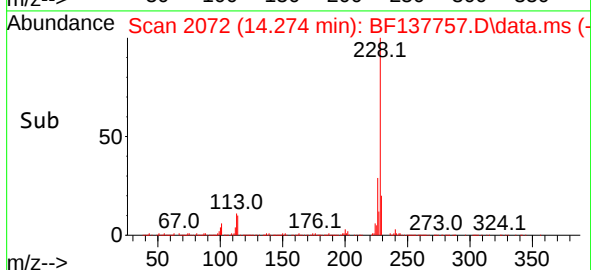
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

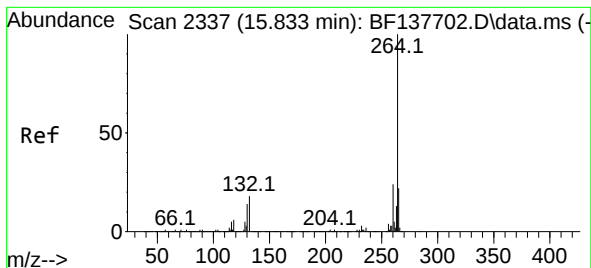


#83
Chrysene
Concen: 4.120 ng m
RT: 14.274 min Scan# 2072
Delta R.T. -0.012 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22



Tgt Ion:228 Resp: 127828
Ion Ratio Lower Upper
228 100
226 30.2 24.7 37.1
229 21.7 16.2 24.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.821 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF137757.D

Acq: 29 Apr 2024 19:22

Instrument :

BNA_F

ClientSampleId :

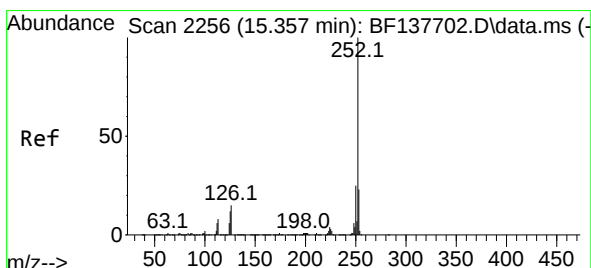
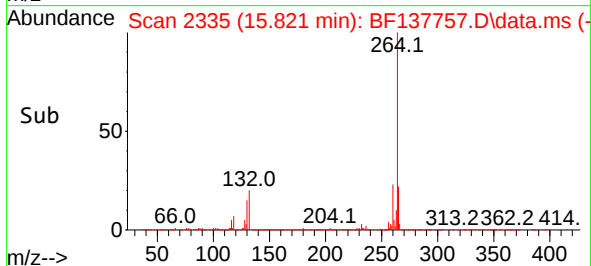
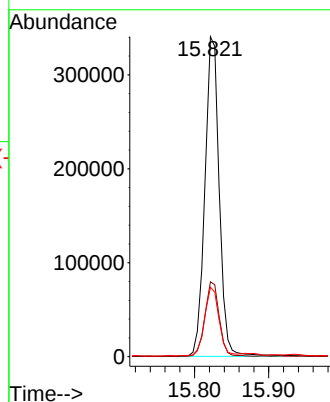
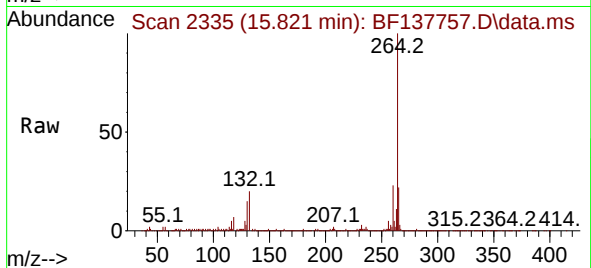
FOOT-PRINT-A-1

Tgt Ion:264	Resp: 460119
Ion Ratio	Lower Upper
264	100
260	23.4 19.4 29.2
265	21.7 17.5 26.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#88

Benzo(b)fluoranthene

Concen: 5.240 ng m

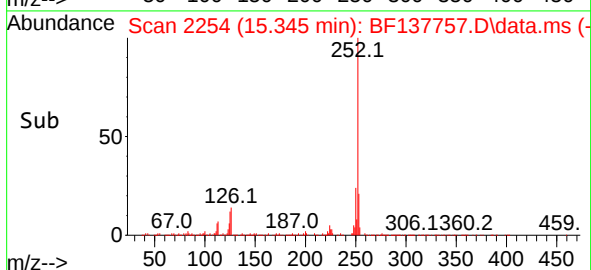
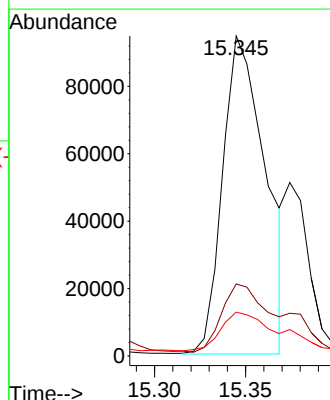
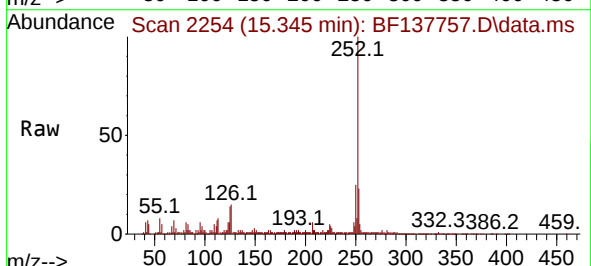
RT: 15.345 min Scan# 2254

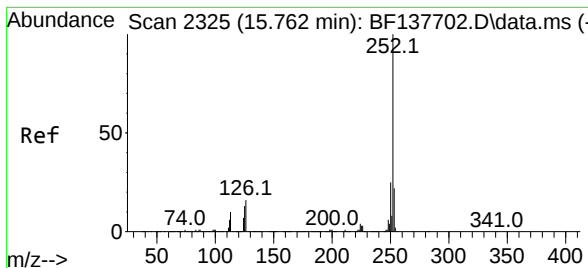
Delta R.T. -0.012 min

Lab File: BF137757.D

Acq: 29 Apr 2024 19:22

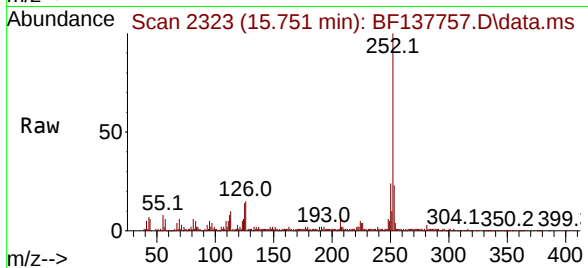
Tgt Ion:252	Resp: 154294
Ion Ratio	Lower Upper
252	100
253	22.5 18.1 27.1
125	13.7 9.2 13.8





#90
Benzo(a)pyrene
Concen: 3.728 ng
RT: 15.751 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

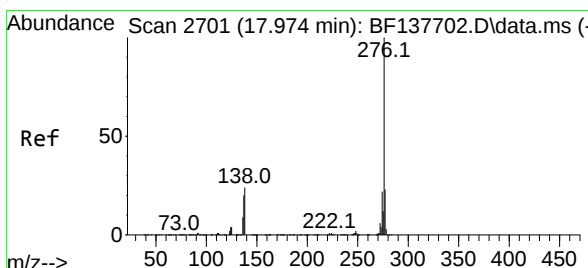
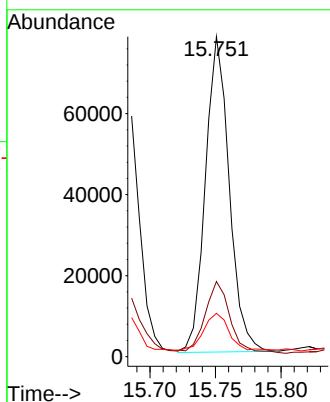
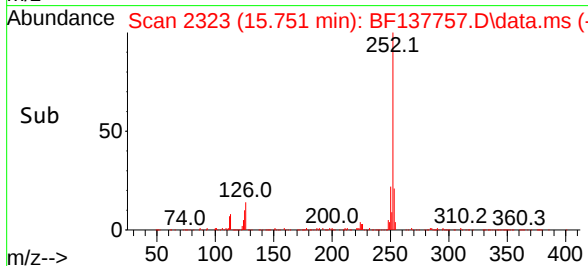
Instrument :
BNA_F
ClientSampleId :
FOOT-PRINT-A-1



Tgt Ion:252 Resp: 98474
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 13.6 10.2 15.2

Manual Integrations
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Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#92
Benzo(g,h,i)perylene
Concen: 2.363 ng
RT: 17.951 min Scan# 2697
Delta R.T. -0.023 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

Tgt Ion:276 Resp: 48640
Ion Ratio Lower Upper
276 100
277 22.9 18.5 27.7
138 25.9 19.5 29.3

