

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
 Data File : BF137759.D
 Acq On : 29 Apr 2024 20:32
 Operator : CG\JU
 Sample : P2294-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FOOT-PRINT-A-3

Manual Integrations
 APPROVED

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

Quant Time: Apr 30 03:09:05 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	268697	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1035057	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	536343	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	742135	20.000	ng	0.00
76) Chrysene-d12	14.251	240	502911	20.000	ng	# 0.00
86) Perylene-d12	15.821	264	441051	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1088353	61.528	ng	0.00
7) Phenol-d6	6.669	99	1383194	61.578	ng	0.00
23) Nitrobenzene-d5	7.622	82	842697	43.218	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	329935	60.962	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	1723214	48.007	ng	0.00
79) Terphenyl-d14	13.186	244	1368374	43.795	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.816	202	97893	2.371	ng	98
78) Pyrene	13.051	202	82876	2.008	ng	96
88) Benzo(b)fluoranthene	15.345	252	58945m	2.089	ng	

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

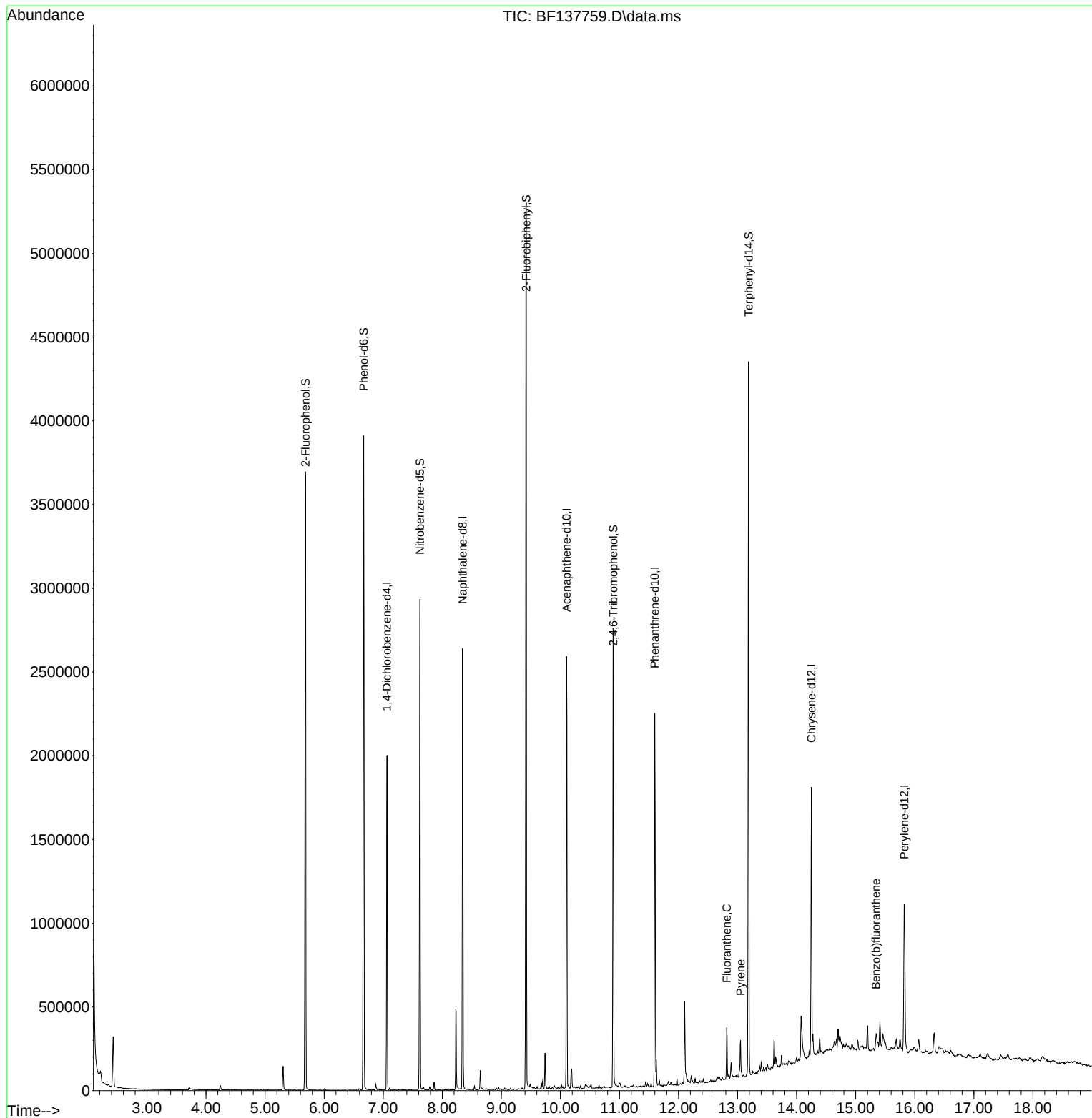
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
Data File : BF137759.D
Acq On : 29 Apr 2024 20:32
Operator : CG\JU
Sample : P2294-03
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ALS Vial : 15 Sample Multiplier: 1

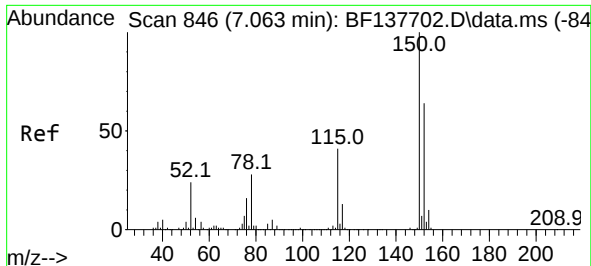
Instrument :
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FOOT-PRINT-A-3

Quant Time: Apr 30 03:09:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
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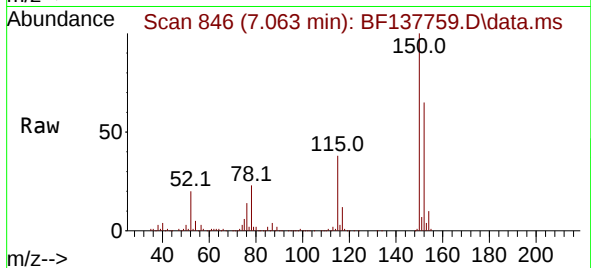
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF137759.D
Acq: 29 Apr 2024 20:32

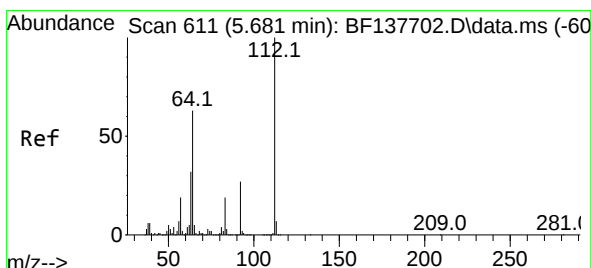
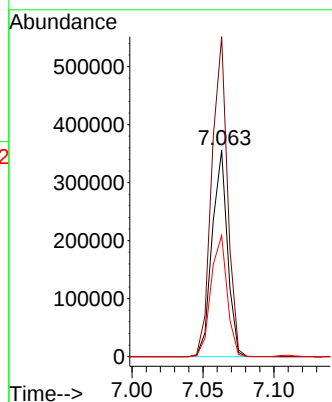
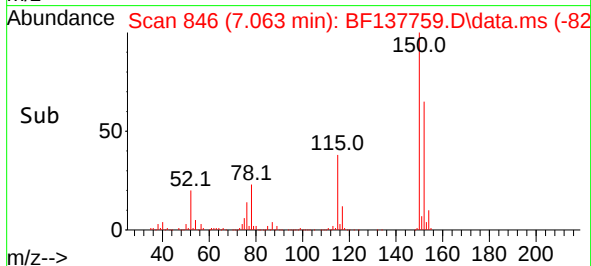
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 26869
Ion Ratio Lower Upper
152 100
150 154.9 124.2 186.4
115 58.7 50.8 76.2

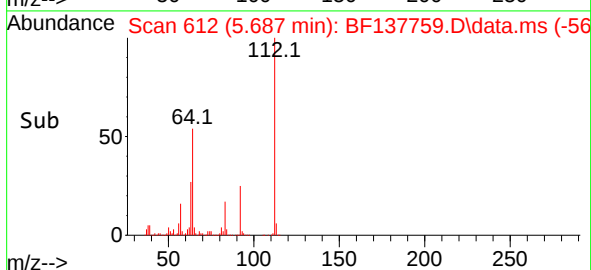
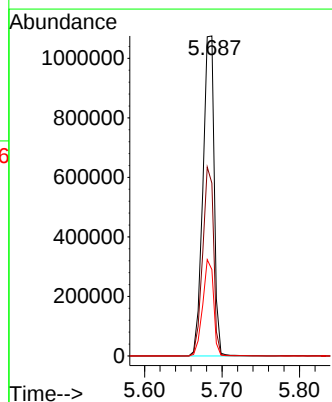
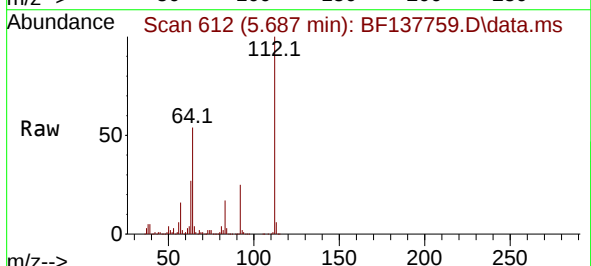
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#5
2-Fluorophenol
Concen: 61.528 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.006 min
Lab File: BF137759.D
Acq: 29 Apr 2024 20:32

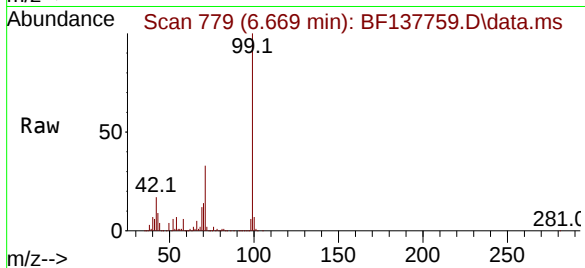
Tgt Ion:112 Resp: 1088353
Ion Ratio Lower Upper
112 100
64 54.0 50.1 75.1
63 27.0 25.2 37.8





#7
Phenol-d6
Concen: 61.578 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137759.D
Acq: 29 Apr 2024 20:32

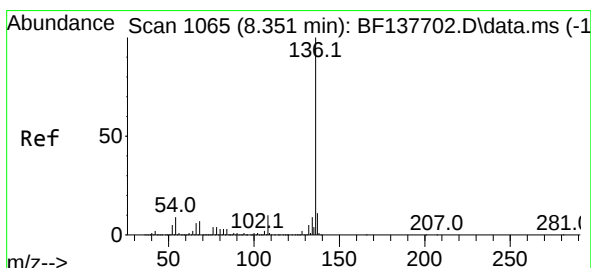
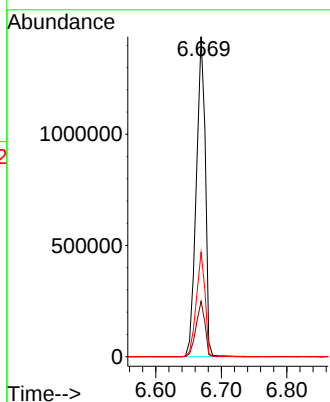
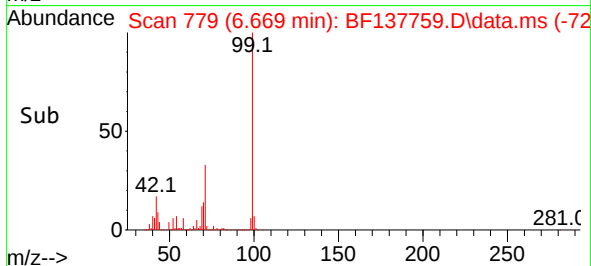
Instrument :
BNA_F
ClientSampleId :
FOOT-PRINT-A-3



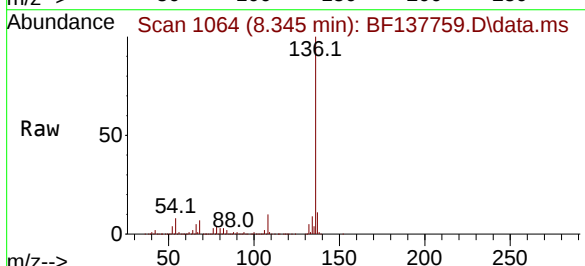
Tgt Ion: 99 Resp: 1383194
Ion Ratio Lower Upper
99 100
42 17.3 15.0 22.4
71 32.6 25.7 38.5

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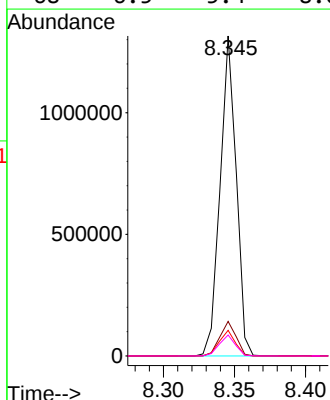
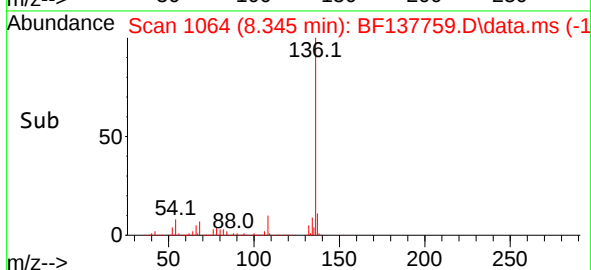
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

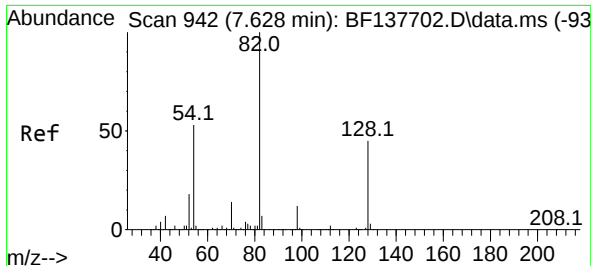


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137759.D
Acq: 29 Apr 2024 20:32



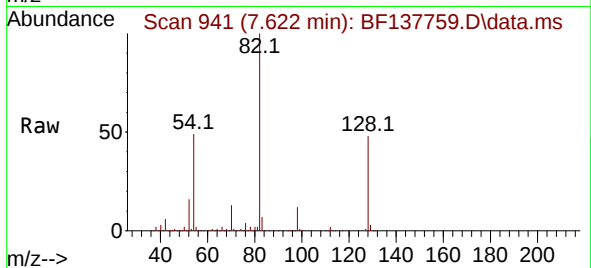
Tgt Ion:136 Resp: 1035057
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.0 6.9 10.3
68 6.5 5.4 8.0





#23
Nitrobenzene-d5
Concen: 43.218 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137759.D
Acq: 29 Apr 2024 20:32

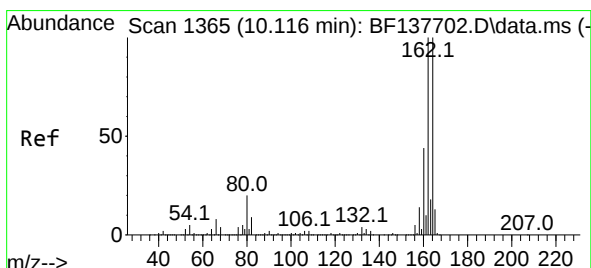
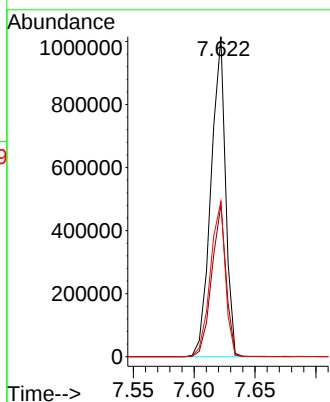
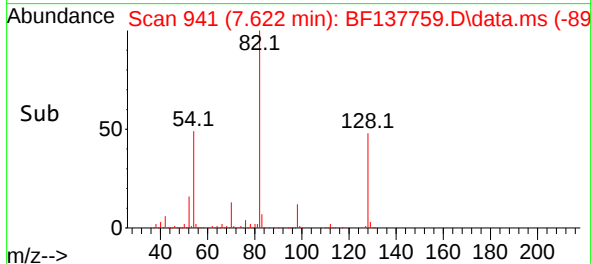
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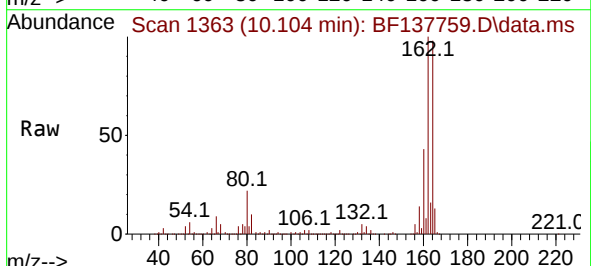
Tgt Ion: 82 Resp: 84269
Ion Ratio Lower Upper
82 100
128 47.5 35.8 53.6
54 48.6 42.5 63.7

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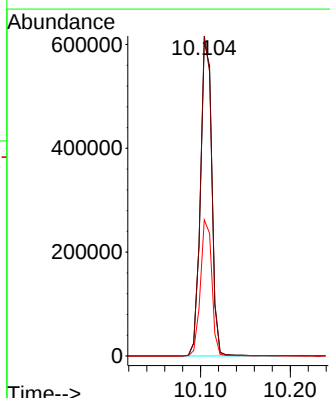
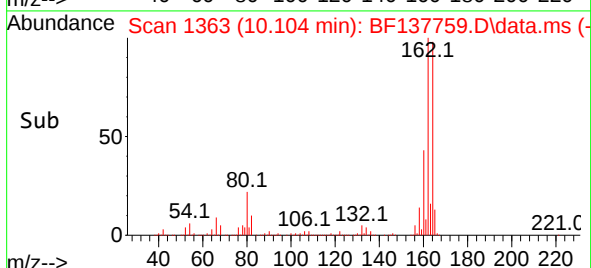
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

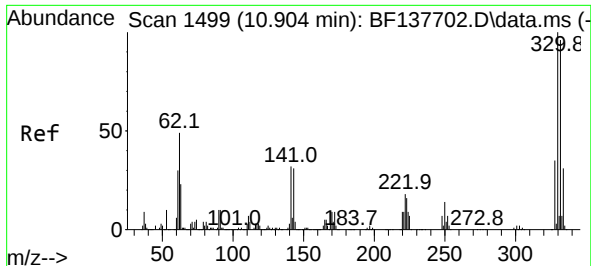


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF137759.D
Acq: 29 Apr 2024 20:32



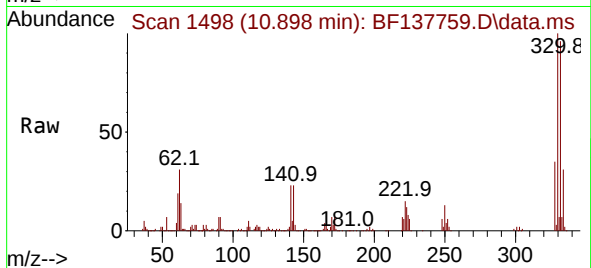
Tgt Ion:164 Resp: 536343
Ion Ratio Lower Upper
164 100
162 101.8 80.3 120.5
160 43.3 35.0 52.4





#42
2,4,6-Tribromophenol
Concen: 60.962 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF137759.D
Acq: 29 Apr 2024 20:32

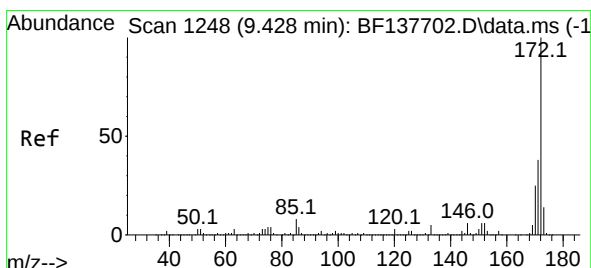
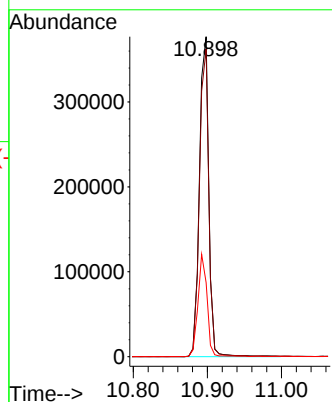
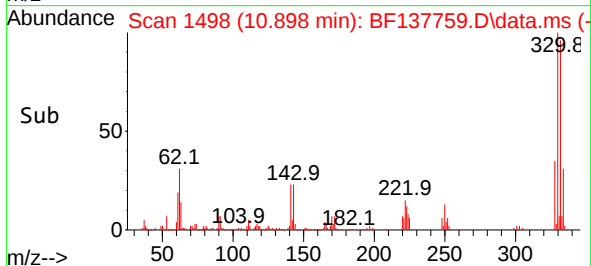
Instrument :
BNA_F
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FOOT-PRINT-A-3



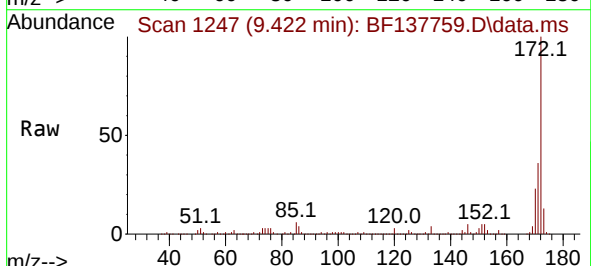
Tgt Ion:330 Resp: 329935
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 31.2 27.0 40.4

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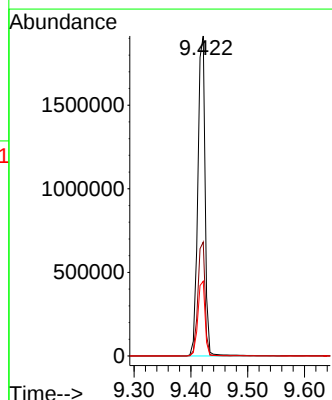
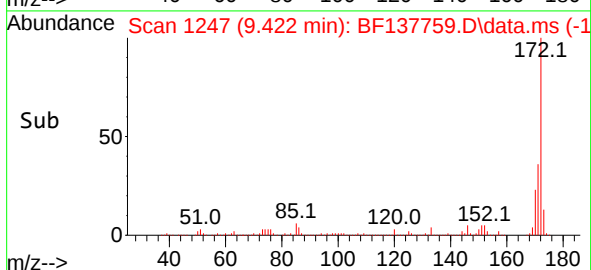
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

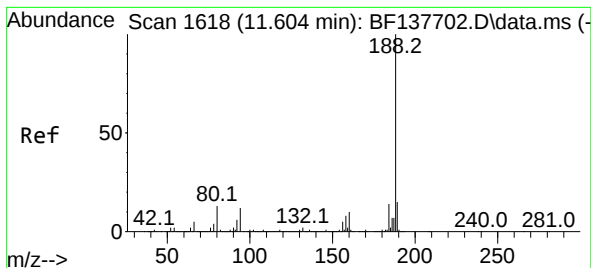


#45
2-Fluorobiphenyl
Concen: 48.007 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF137759.D
Acq: 29 Apr 2024 20:32



Tgt Ion:172 Resp: 1723214
Ion Ratio Lower Upper
172 100
171 35.6 30.2 45.4
170 23.3 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: BF137759.D

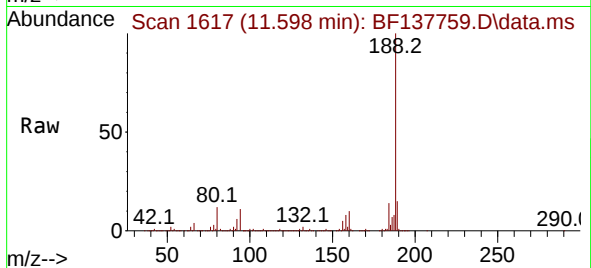
Acq: 29 Apr 2024 20:32

Instrument :

BNA_F

ClientSampleId :

FOOT-PRINT-A-3



Tgt Ion:188 Resp: 742135

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

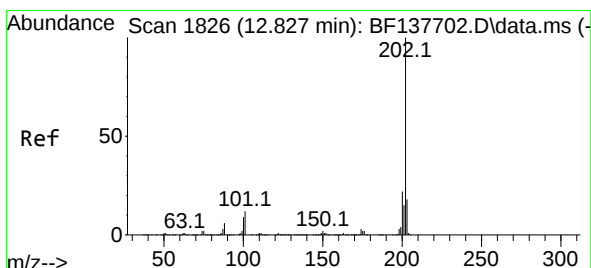
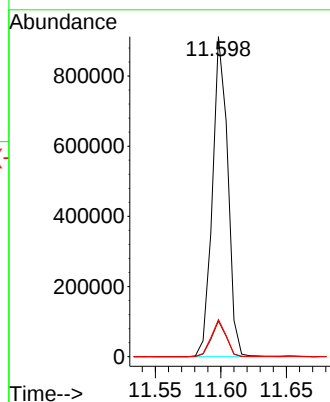
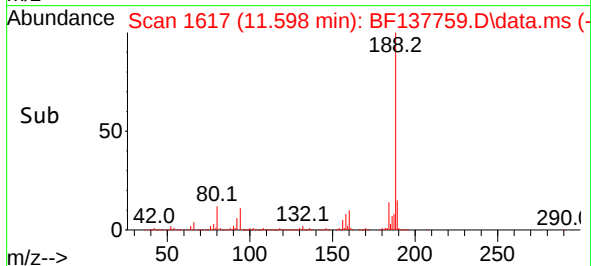
80 11.6 10.2 15.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 04/30/2024

Supervised By :mohammad ahmed 05/03/2024



#75

Fluoranthene

Concen: 2.371 ng

RT: 12.816 min Scan# 1824

Delta R.T. -0.012 min

Lab File: BF137759.D

Acq: 29 Apr 2024 20:32

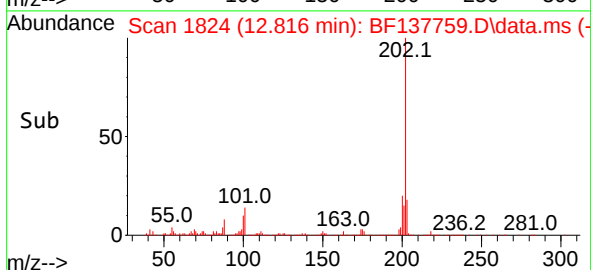
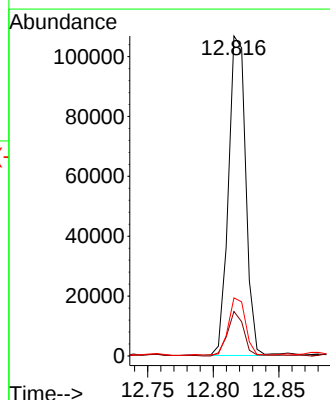
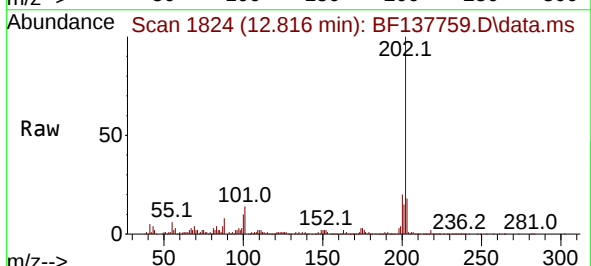
Tgt Ion:202 Resp: 97893

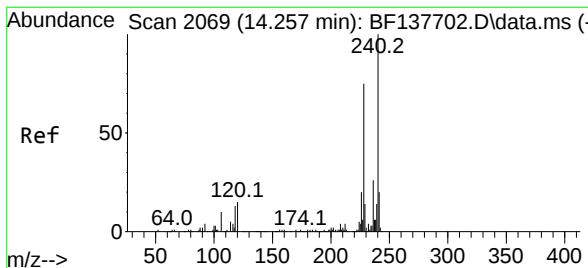
Ion Ratio Lower Upper

202 100

101 13.9 0.0 32.2

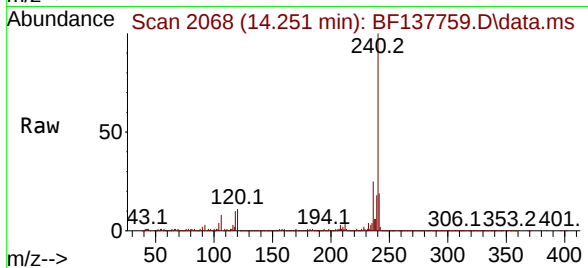
203 18.1 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF137759.D
Acq: 29 Apr 2024 20:32

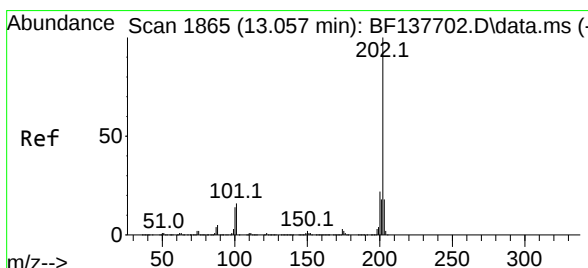
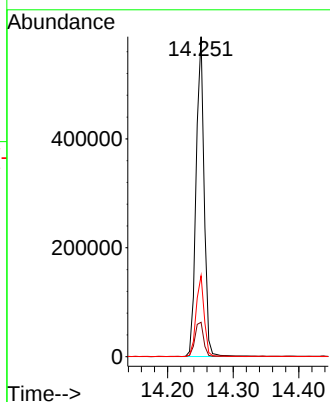
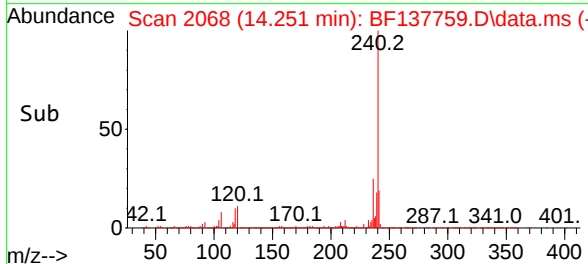
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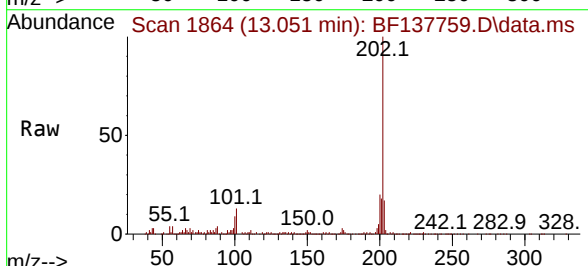
Tgt Ion:240 Resp: 50291
Ion Ratio Lower Upper
240 100
120 10.8 11.9 17.9
236 25.3 20.8 31.2

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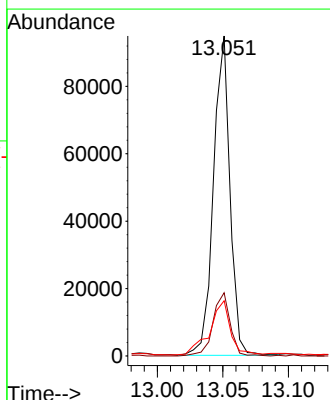
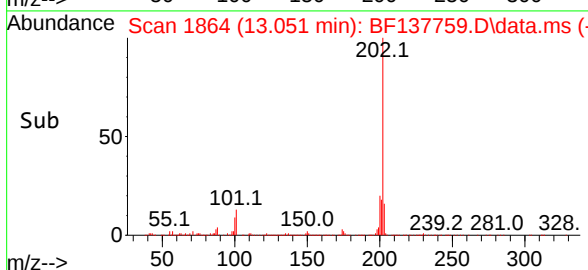
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

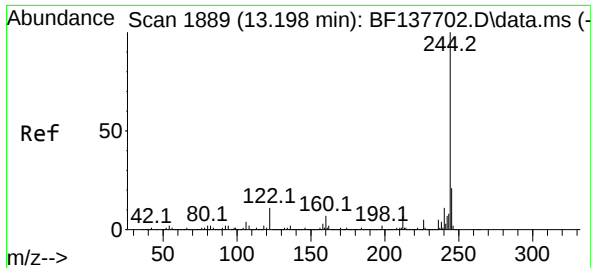


#78
Pyrene
Concen: 2.008 ng
RT: 13.051 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BF137759.D
Acq: 29 Apr 2024 20:32



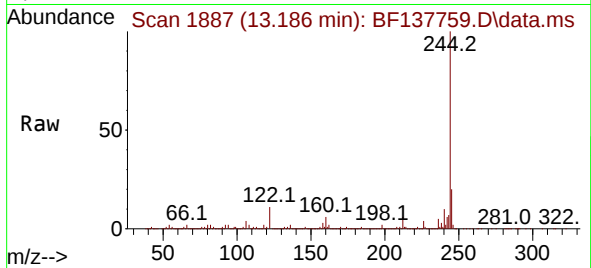
Tgt Ion:202 Resp: 82876
Ion Ratio Lower Upper
202 100
200 19.7 17.8 26.6
203 17.2 14.6 21.8





#79
 Terphenyl-d14
 Concen: 43.795 ng
 RT: 13.186 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF137759.D
 Acq: 29 Apr 2024 20:32

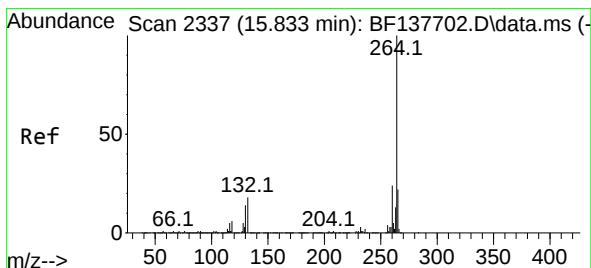
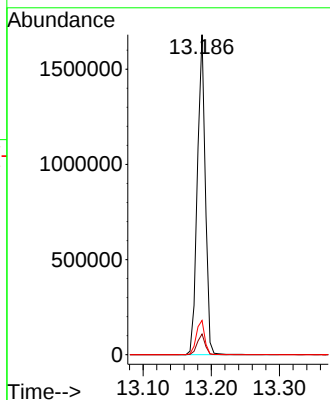
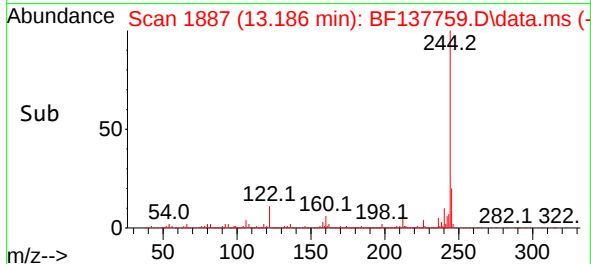
Instrument :
 BNA_F
 ClientSampleId :
 FOOT-PRINT-A-3



Tgt Ion:244 Resp: 1368374
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.5 8.3
 122 10.7 8.8 13.2

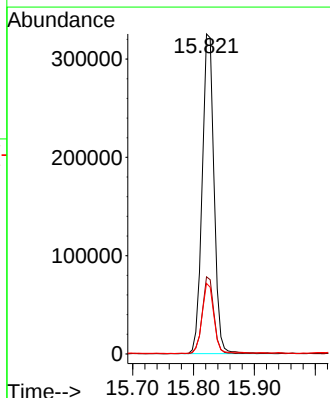
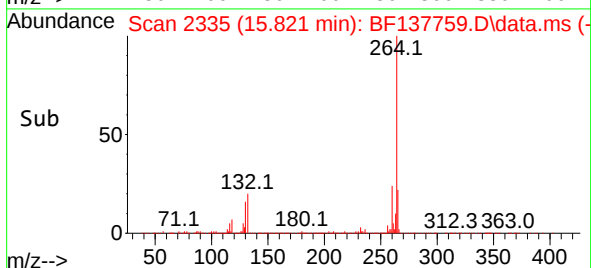
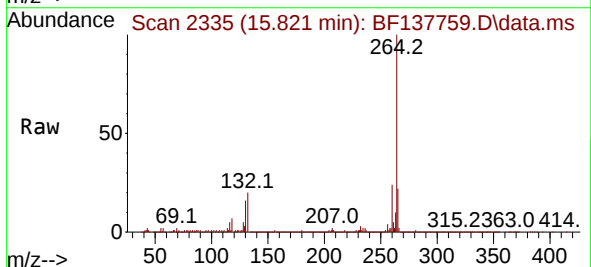
Manual Integrations
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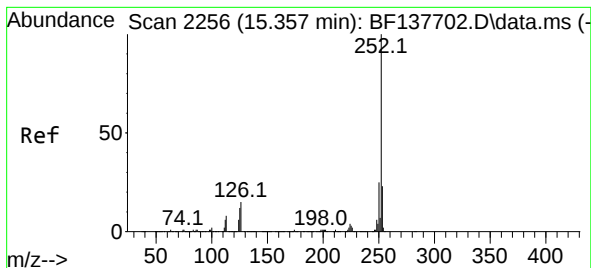
Reviewed By :Jagrut Upadhyay 04/30/2024
 Supervised By :mohammad ahmed 05/03/2024



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.821 min Scan# 2335
 Delta R.T. -0.012 min
 Lab File: BF137759.D
 Acq: 29 Apr 2024 20:32

Tgt Ion:264 Resp: 441051
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 22.0 17.5 26.3





#88

Benzo(b)fluoranthene

Concen: 2.089 ng m

RT: 15.345 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF137759.D

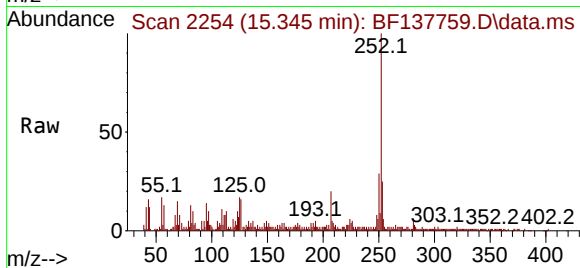
Acq: 29 Apr 2024 20:32

Instrument :

BNA_F

ClientSampleId :

FOOT-PRINT-A-3



Tgt Ion:252 Resp: 5894

Ion Ratio Lower Upper

252 100

253 25.3 18.1 27.1

125 17.4 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024

Supervised By :mohammad ahmed 05/03/2024

