

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137727.D
 Acq On : 24 Apr 2024 19:57
 Operator : CG\JU
 Sample : P2116-02RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWRE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 04:20:29 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	264701	20.000	ng	0.00
21) Naphthalene-d8	8.357	136	1040585	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	558885	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	913674	20.000	ng	# 0.00
76) Chrysene-d12	14.251	240	492691	20.000	ng	0.00
86) Perylene-d12	15.827	264	593786	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.716	112	566622	32.517	ng	0.04
7) Phenol-d6	7.004	99	281632m	12.727	ng	0.33
23) Nitrobenzene-d5	7.651	82	1400482	71.443	ng	0.02
42) 2,4,6-Tribromophenol	10.898	330	431064	76.436	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2735869	73.145	ng	0.00
79) Terphenyl-d14	13.192	244	2409153	78.704	ng	0.00

Target Compounds Qvalue

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

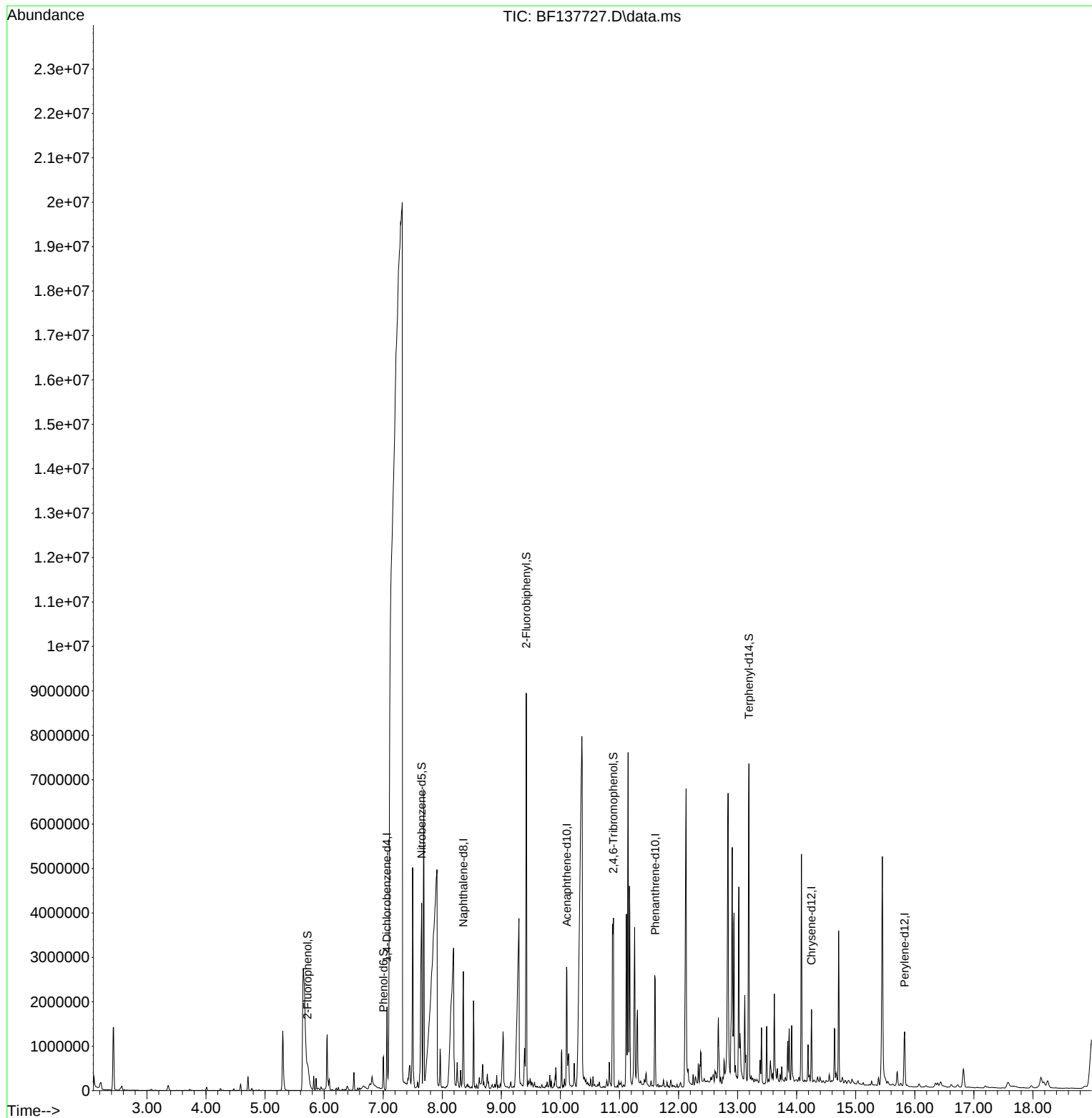
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
Data File : BF137727.D
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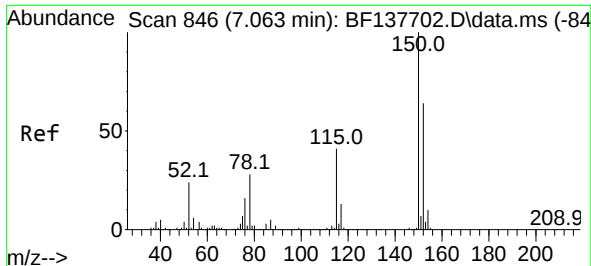
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
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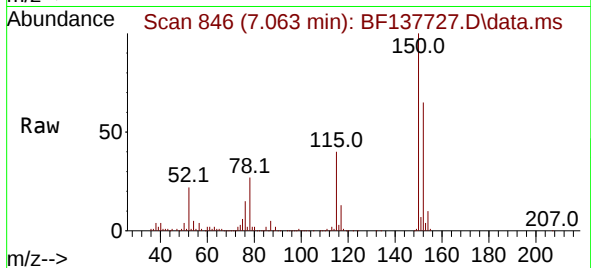
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF137727.D
Acq: 24 Apr 2024 19:57

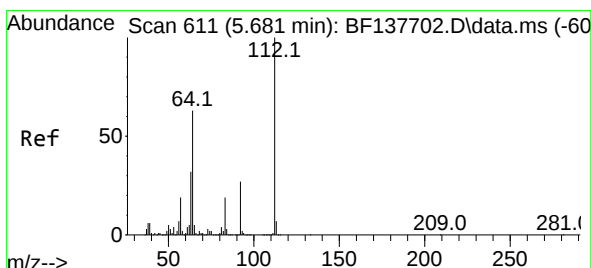
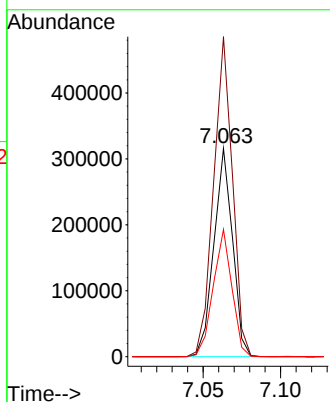
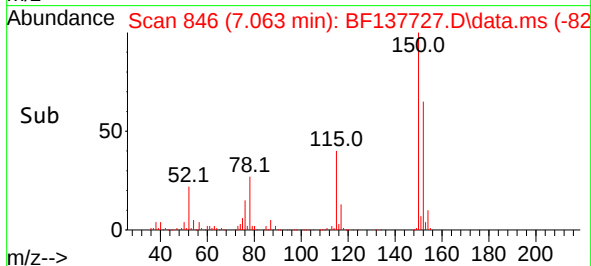
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE



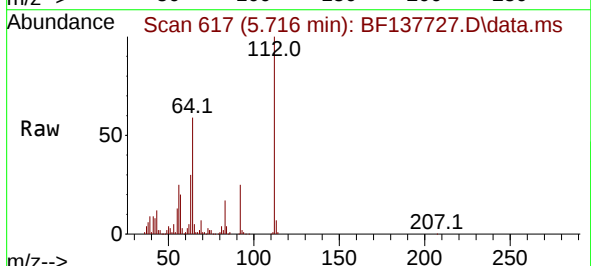
Tgt Ion:152 Resp: 26470
Ion Ratio Lower Upper
152 100
150 153.6 124.2 186.4
115 61.0 50.8 76.2

Manual Integrations
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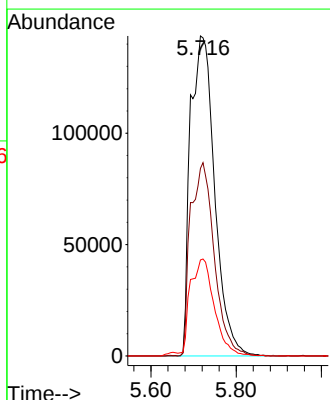
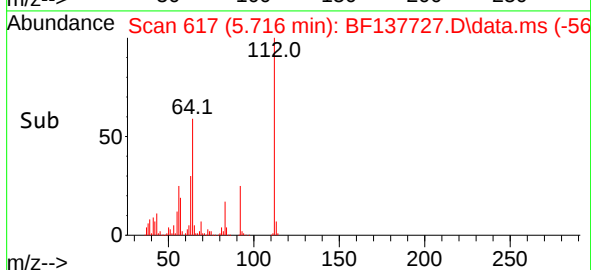
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#5
2-Fluorophenol
Concen: 32.517 ng
RT: 5.716 min Scan# 617
Delta R.T. 0.035 min
Lab File: BF137727.D
Acq: 24 Apr 2024 19:57



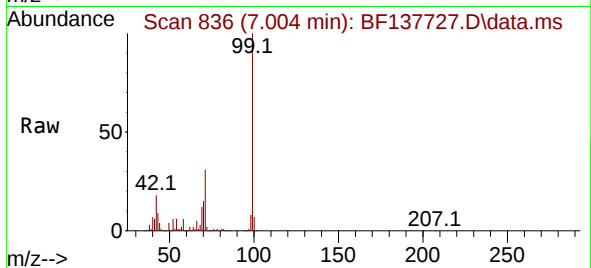
Tgt Ion:112 Resp: 566622
Ion Ratio Lower Upper
112 100
64 58.6 50.1 75.1
63 30.0 25.2 37.8





#7
Phenol-d6
Concen: 12.727 ng m
RT: 7.004 min Scan# 81
Delta R.T. 0.329 min
Lab File: BF137727.D
Acq: 24 Apr 2024 19:57

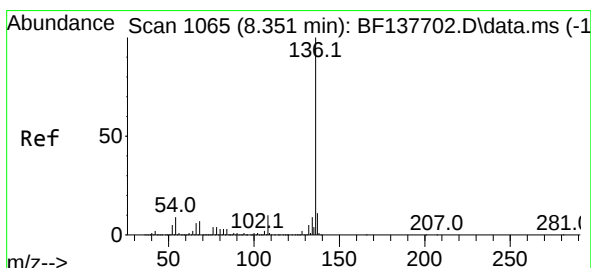
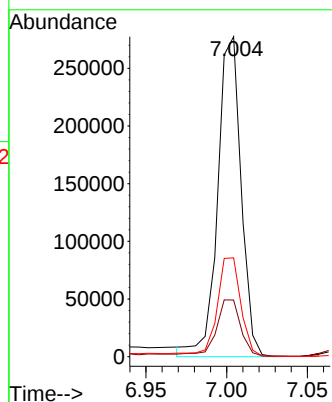
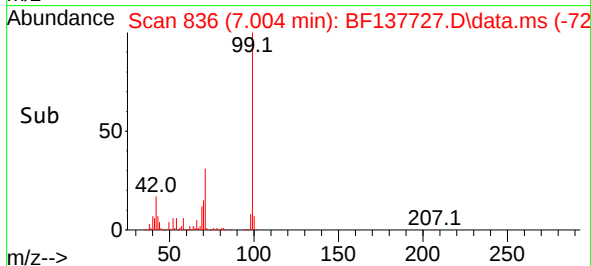
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE



Tgt Ion: 99 Resp: 281632
Ion Ratio Lower Upper
99 100
42 17.7 15.0 22.4
71 30.9 25.7 38.5

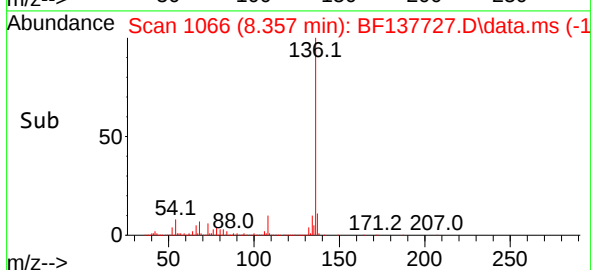
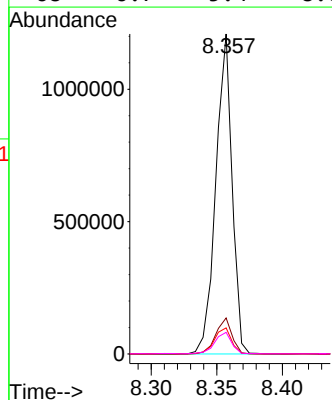
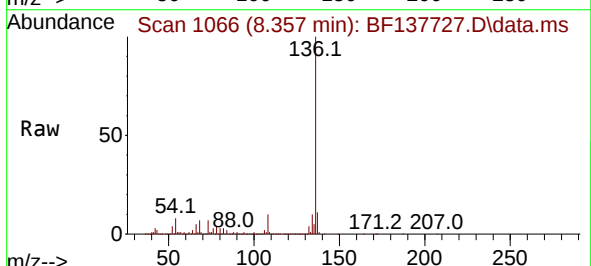
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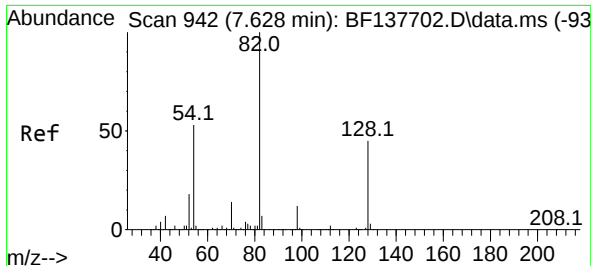
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.357 min Scan# 1066
Delta R.T. 0.006 min
Lab File: BF137727.D
Acq: 24 Apr 2024 19:57

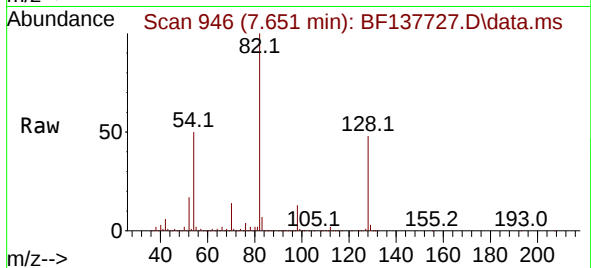
Tgt Ion:136 Resp: 1040585
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.1 6.9 10.3
68 6.7 5.4 8.0





#23
Nitrobenzene-d5
Concen: 71.443 ng
RT: 7.651 min Scan# 942
Delta R.T. 0.024 min
Lab File: BF137727.D
Acq: 24 Apr 2024 19:57

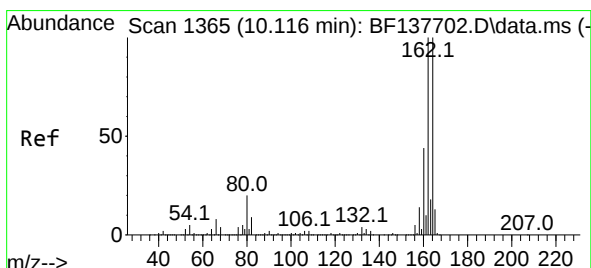
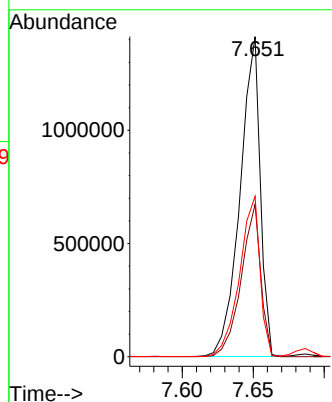
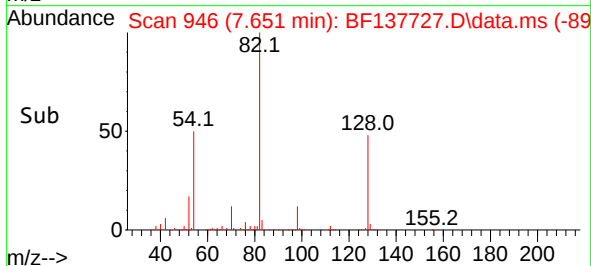
Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 140048
Ion Ratio Lower Upper
82 100
128 47.6 35.8 53.6
54 50.1 42.5 63.7

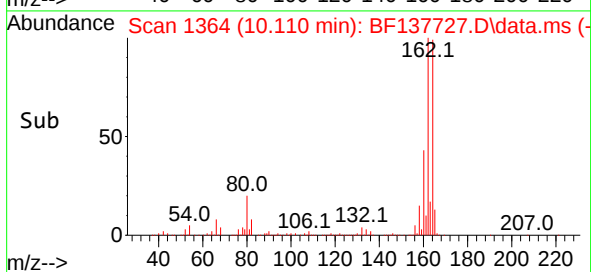
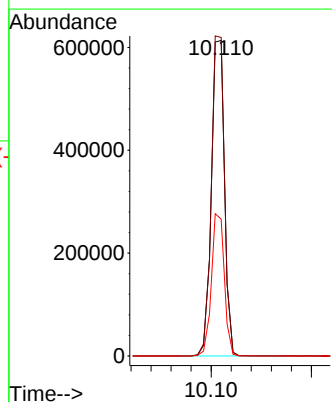
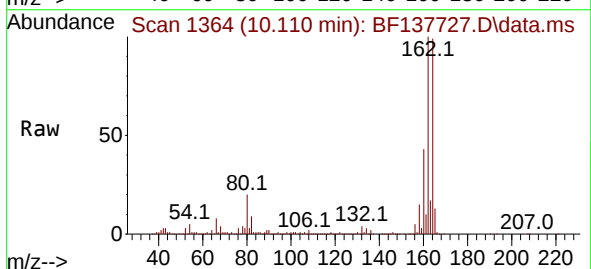
Manual Integrations
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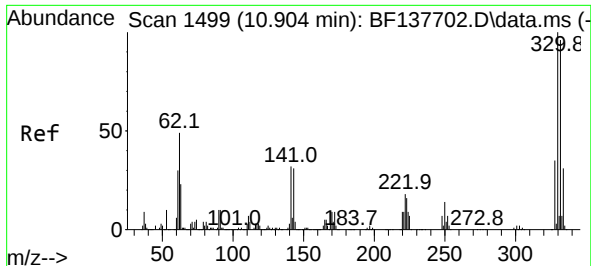
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF137727.D
Acq: 24 Apr 2024 19:57

Tgt Ion:164 Resp: 558885
Ion Ratio Lower Upper
164 100
162 100.9 80.3 120.5
160 43.4 35.0 52.4





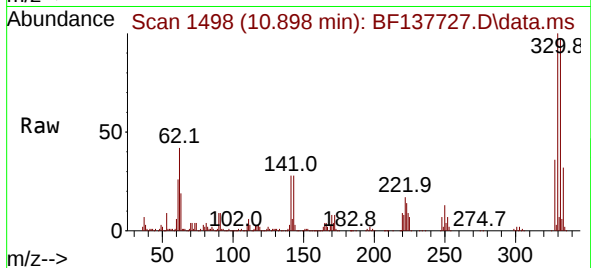
#42
2,4,6-Tribromophenol
Concen: 76.436 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF137727.D
Acq: 24 Apr 2024 19:57

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE



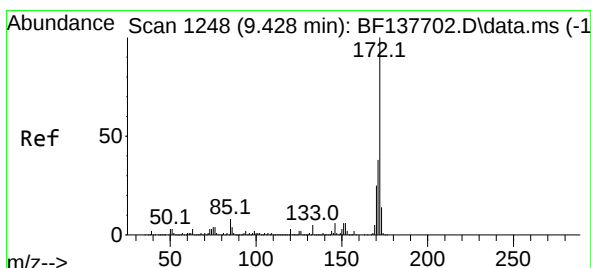
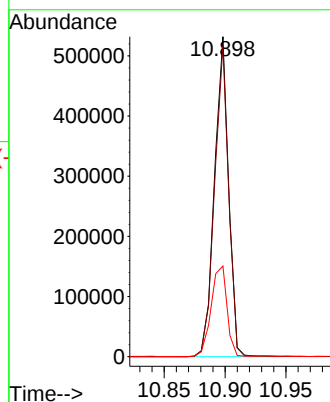
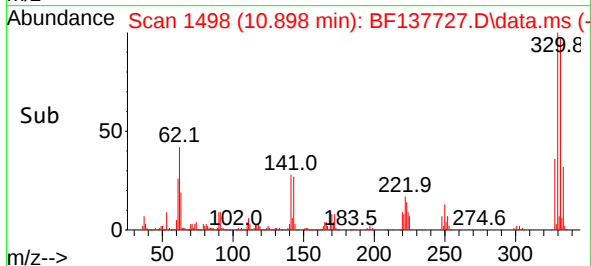
Tgt Ion:330 Resp: 431064
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 31.7 27.0 40.4

Manual Integrations

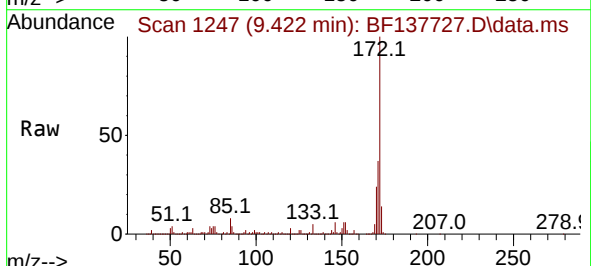
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

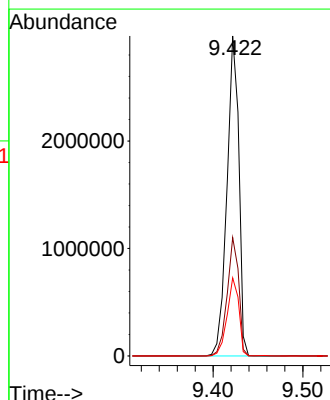
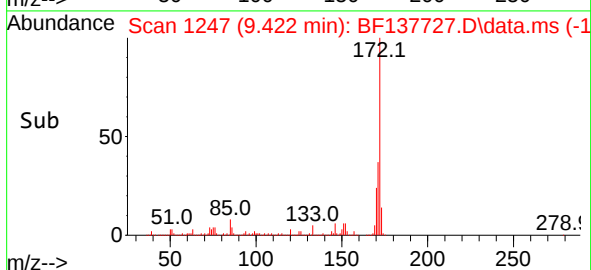
Supervised By :mohammad ahmed 04/27/2024

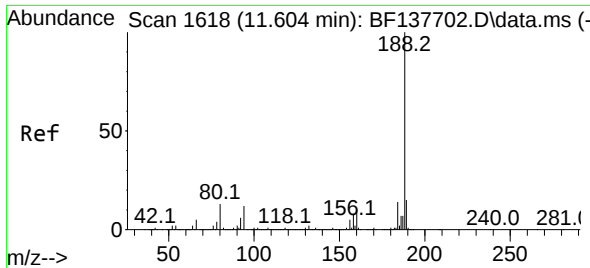


#45
2-Fluorobiphenyl
Concen: 73.145 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF137727.D
Acq: 24 Apr 2024 19:57



Tgt Ion:172 Resp: 2735869
Ion Ratio Lower Upper
172 100
171 37.0 30.2 45.4
170 24.4 20.2 30.4





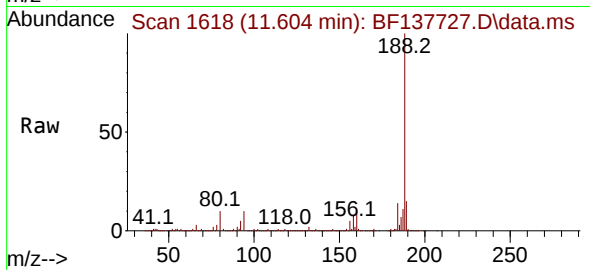
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.604 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF137727.D
Acq: 24 Apr 2024 19:57

Instrument :

BNA_F

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EFF-WWRE



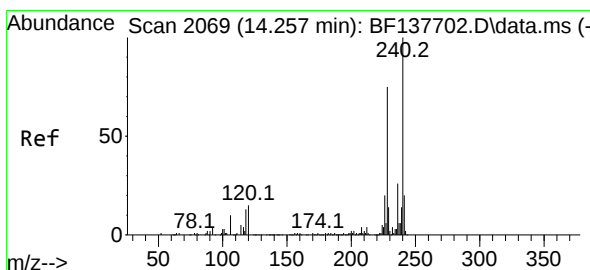
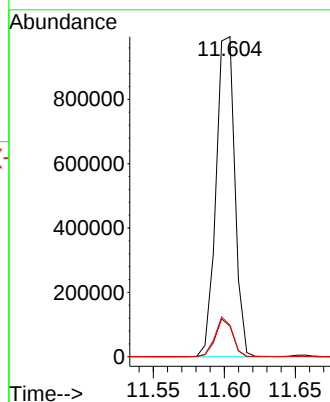
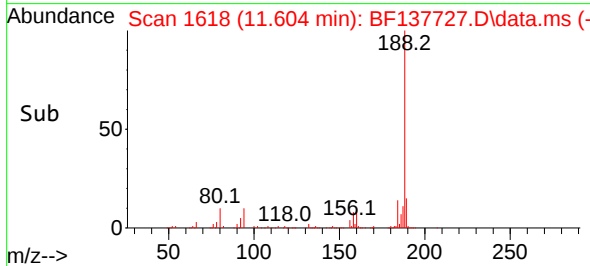
Tgt Ion:188 Resp: 913674
Ion Ratio Lower Upper
188 100
94 9.6 9.4 14.2
80 9.8 10.2 15.4

Manual Integrations

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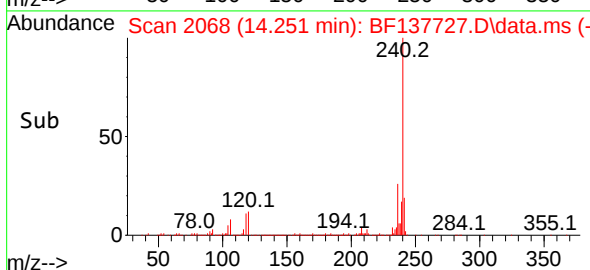
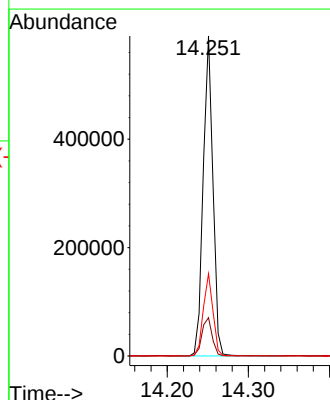
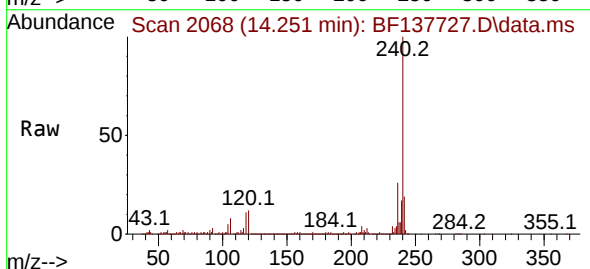
Reviewed By :Yogesh Patel 04/26/2024

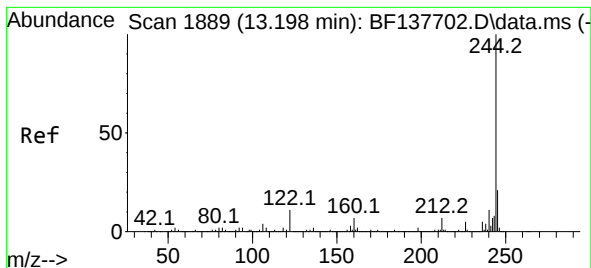
Supervised By :mohammad ahmed 04/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF137727.D
Acq: 24 Apr 2024 19:57

Tgt Ion:240 Resp: 492691
Ion Ratio Lower Upper
240 100
120 11.9 11.9 17.9
236 25.7 20.8 31.2





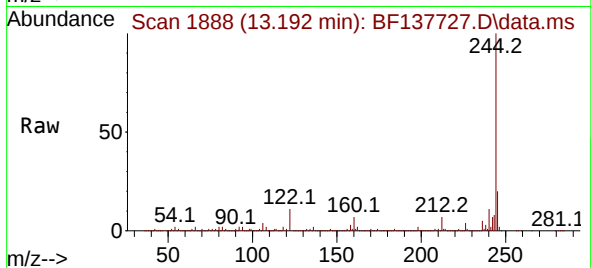
#79
 Terphenyl-d14
 Concen: 78.704 ng
 RT: 13.192 min Scan# 1888
 Delta R.T. -0.006 min
 Lab File: BF137727.D
 Acq: 24 Apr 2024 19:57

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE

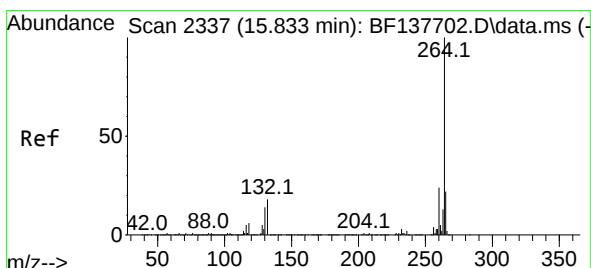
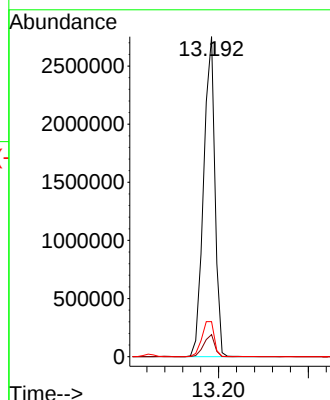
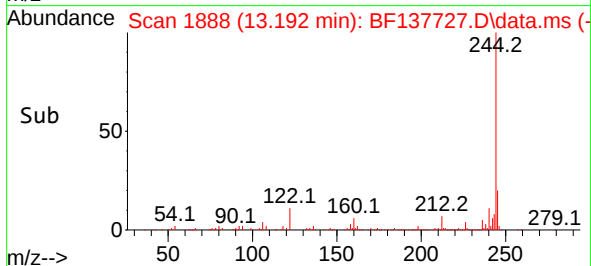


Tgt Ion:244 Resp: 240915
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.0 8.8 13.2

Manual Integrations

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 Supervised By :mohammad ahmed 04/27/2024



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.827 min Scan# 2336
 Delta R.T. -0.006 min
 Lab File: BF137727.D
 Acq: 24 Apr 2024 19:57

Tgt Ion:264 Resp: 593786
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 21.5 17.5 26.3

