

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
 Data File : BF138411.D
 Acq On : 01 Jul 2024 19:05
 Operator : CG\JU
 Sample : P3077-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-B-1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/03/2024

Quant Time: Jul 02 01:15:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	192793	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	724916	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	328206	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	419588	20.000	ng	0.00
76) Chrysene-d12	14.027	240	352765	20.000	ng	0.00
86) Perylene-d12	15.492	264	281800	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	872881	75.065	ng	0.00
7) Phenol-d6	6.510	99	1130678	72.181	ng	0.00
23) Nitrobenzene-d5	7.434	82	702213	50.321	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	161005	60.043	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	955661	46.340	ng	0.00
79) Terphenyl-d14	12.974	244	736029	28.593	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.416	178	98798	4.823	ng	97
75) Fluoranthene	12.598	202	153973	8.384	ng	97
78) Pyrene	12.827	202	143924	3.817	ng	100
80) Butylbenzylphthalate	13.451	149	458969	40.005	ng	98
81) Benzo(a)anthracene	14.015	228	77034	3.393	ng	98
83) Chrysene	14.051	228	67014	3.033	ng	98
88) Benzo(b)fluoranthene	15.062	252	67934m	4.394	ng	
90) Benzo(a)pyrene	15.427	252	45642	3.368	ng	# 95

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

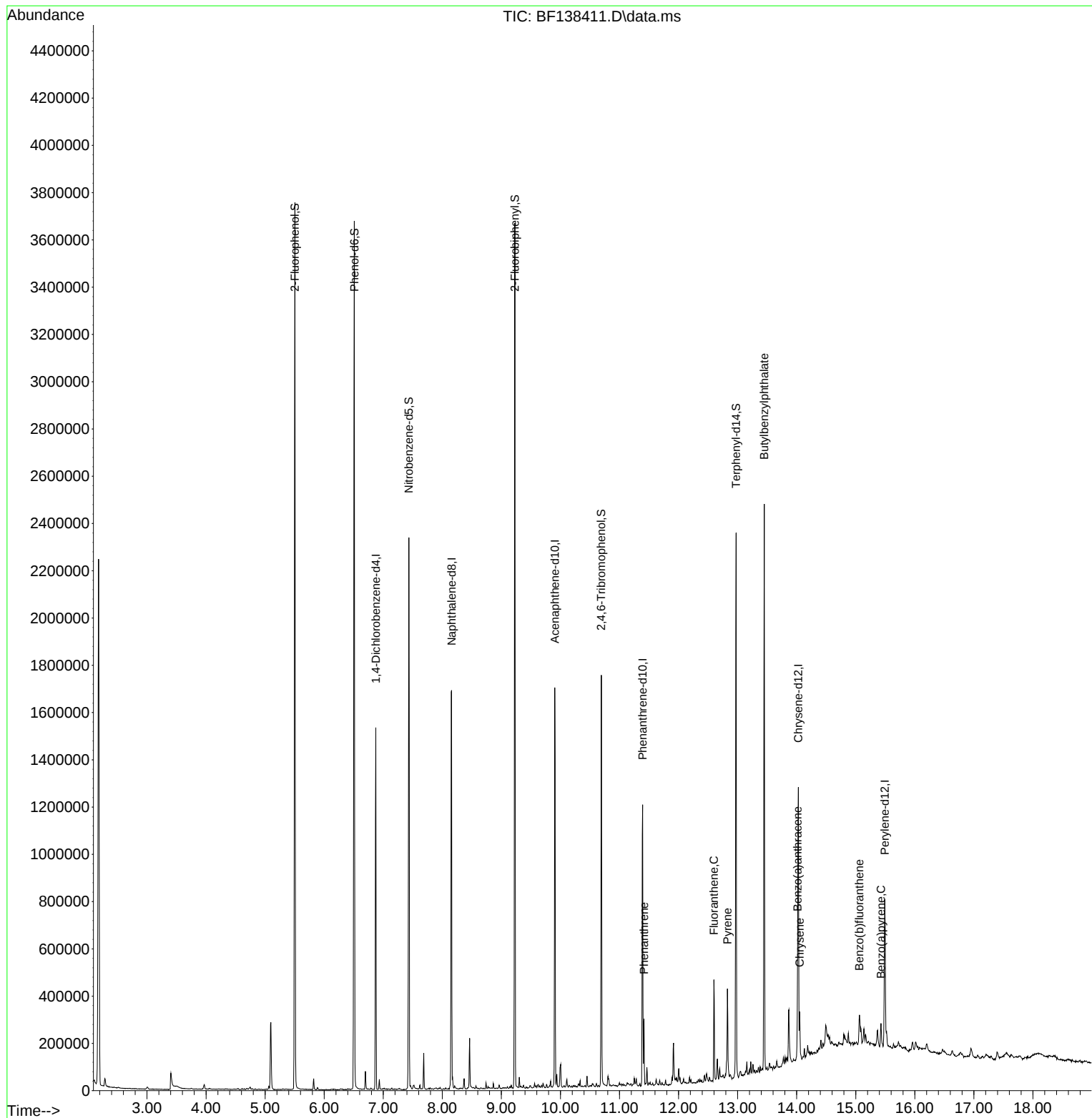
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138411.D
Acq On : 01 Jul 2024 19:05
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Sample : P3077-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

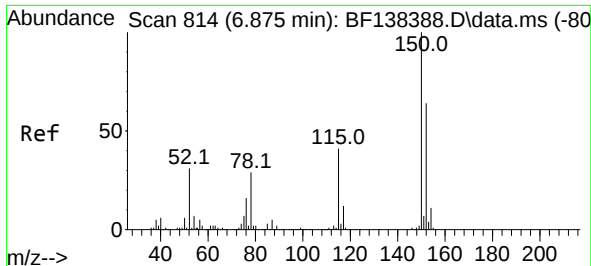
Instrument :
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1-B-1

Quant Time: Jul 02 01:15:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 02:44:30 2024
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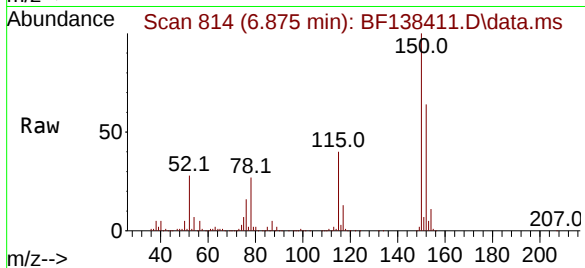
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138411.D
Acq: 01 Jul 2024 19:05

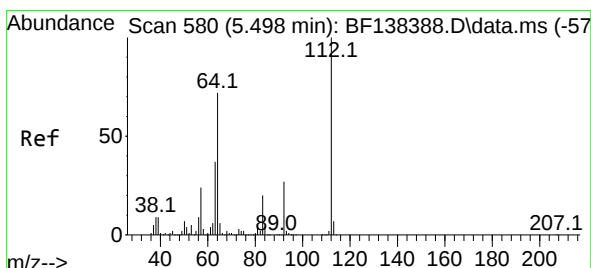
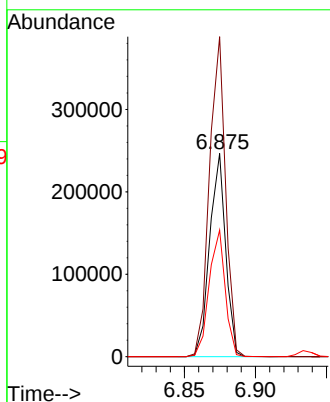
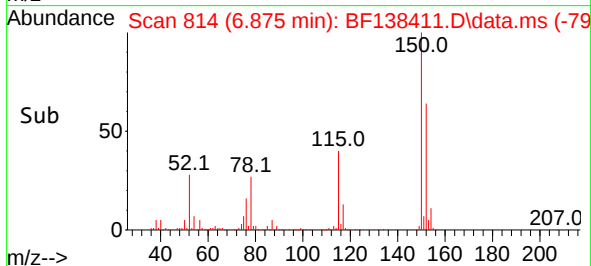
Instrument :
BNA_F
ClientSampleId :
1-B-1



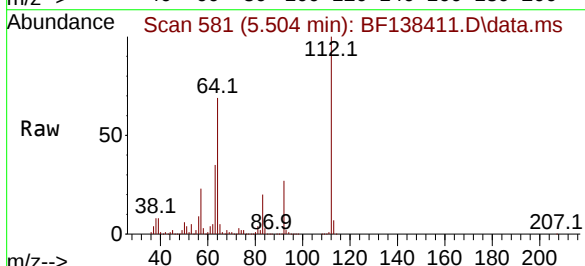
Tgt Ion:152 Resp: 192790
Ion Ratio Lower Upper
152 100
150 157.5 124.9 187.3
115 62.3 50.8 76.2

Manual Integrations
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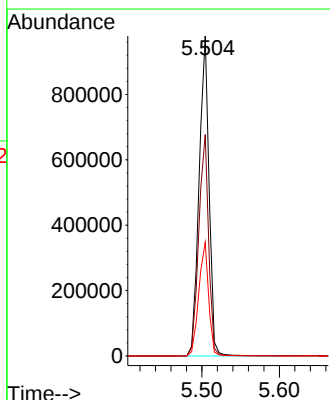
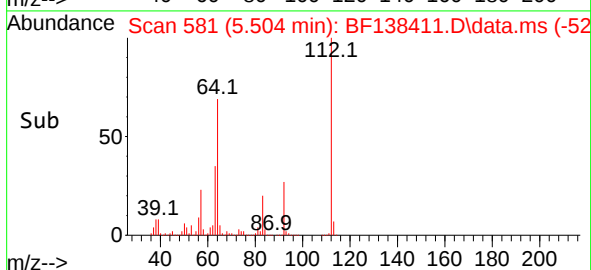
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024

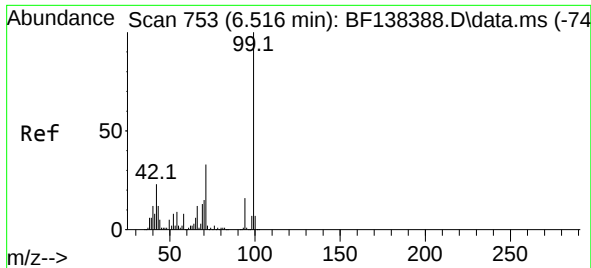


#5
2-Fluorophenol
Concen: 75.065 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF138411.D
Acq: 01 Jul 2024 19:05



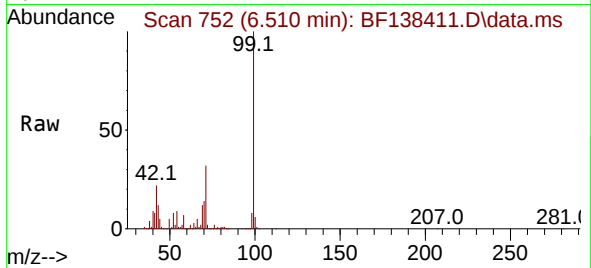
Tgt Ion:112 Resp: 872881
Ion Ratio Lower Upper
112 100
64 69.2 57.2 85.8
63 35.5 29.4 44.0





#7
Phenol-d6
Concen: 72.181 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138411.D
Acq: 01 Jul 2024 19:05

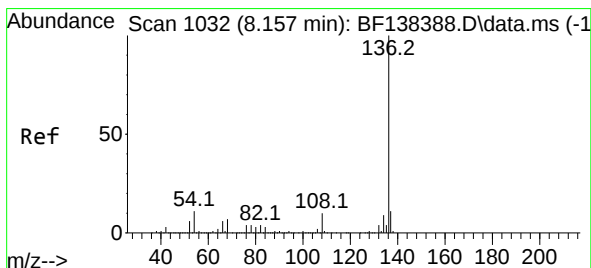
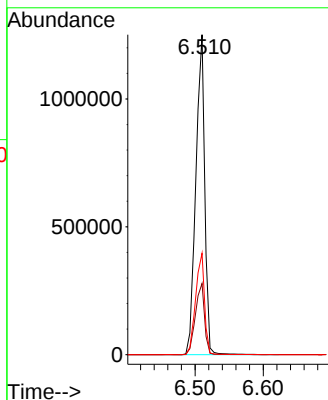
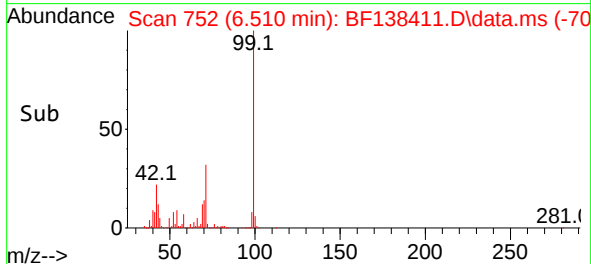
Instrument :
BNA_F
ClientSampleId :
1-B-1



Tgt Ion: 99 Resp: 1130678
Ion Ratio Lower Upper
99 100
42 22.3 18.5 27.7
71 31.7 26.1 39.1

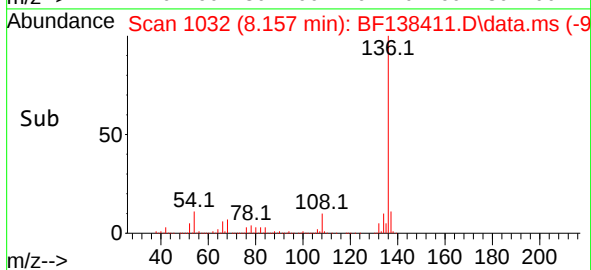
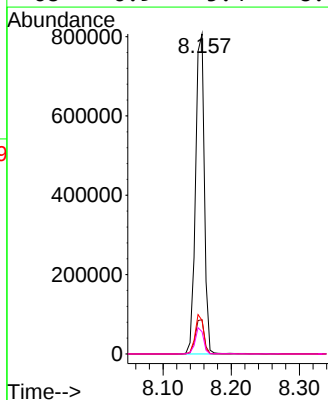
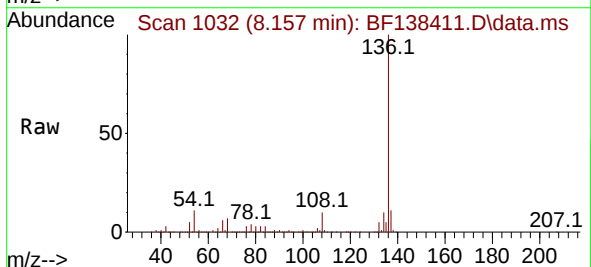
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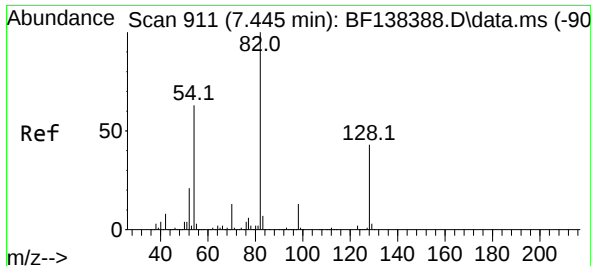
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF138411.D
Acq: 01 Jul 2024 19:05

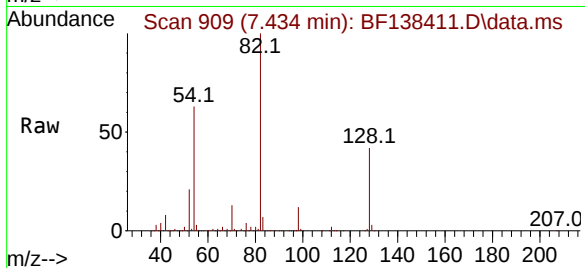
Tgt Ion:136 Resp: 724916
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.5 9.0 13.4
68 6.9 5.4 8.0





#23
Nitrobenzene-d5
Concen: 50.321 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138411.D
Acq: 01 Jul 2024 19:05

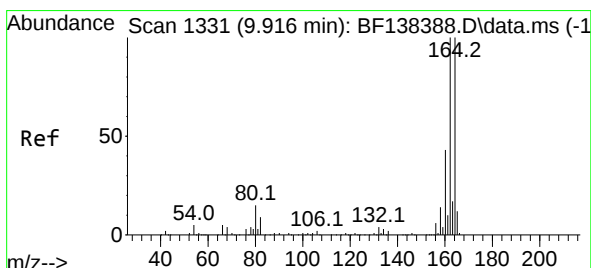
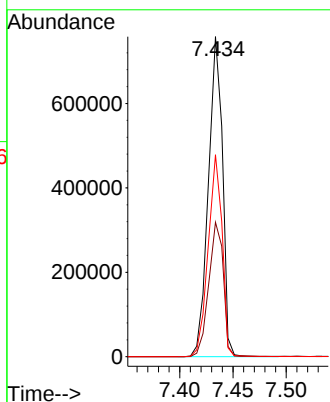
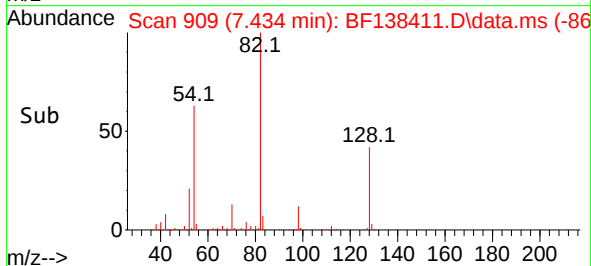
Instrument :
BNA_F
ClientSampleId :
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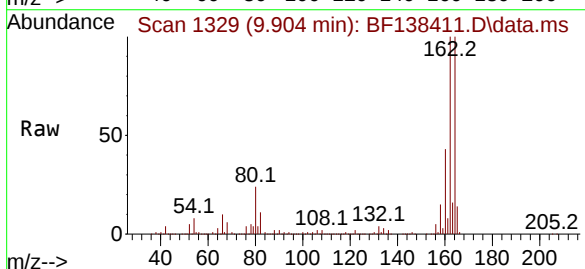
Tgt Ion: 82 Resp: 70221
Ion Ratio Lower Upper
82 100
128 42.0 34.6 52.0
54 63.1 50.5 75.7

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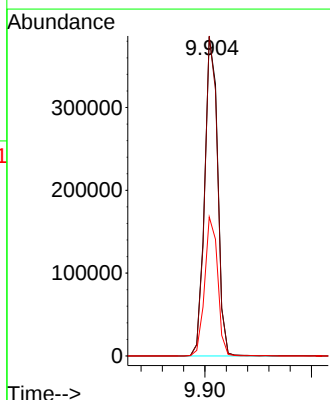
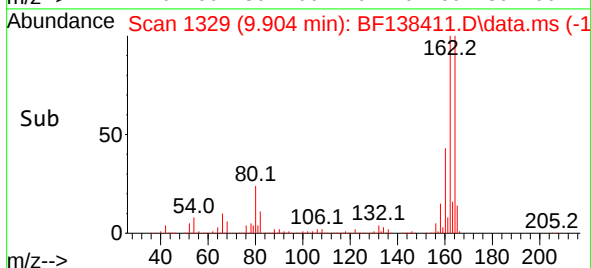
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024

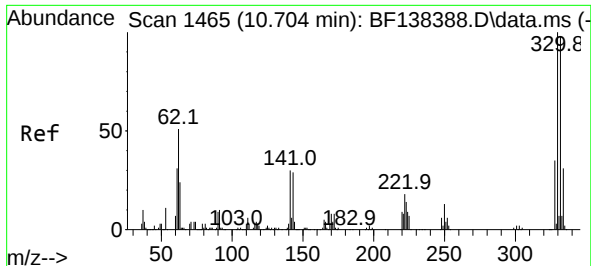


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF138411.D
Acq: 01 Jul 2024 19:05



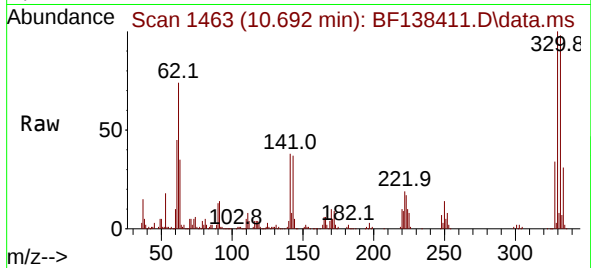
Tgt Ion:164 Resp: 328206
Ion Ratio Lower Upper
164 100
162 100.4 80.1 120.1
160 43.6 34.1 51.1





#42
2,4,6-Tribromophenol
Concen: 60.043 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF138411.D
Acq: 01 Jul 2024 19:05

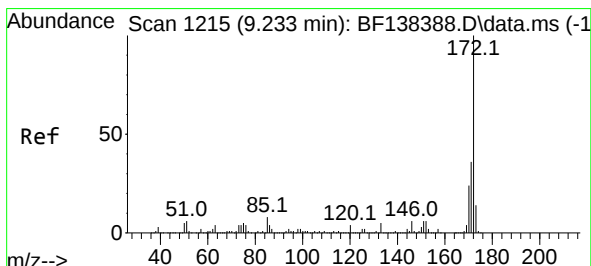
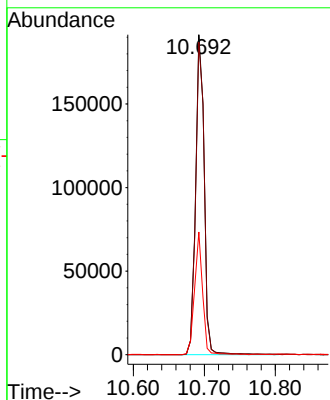
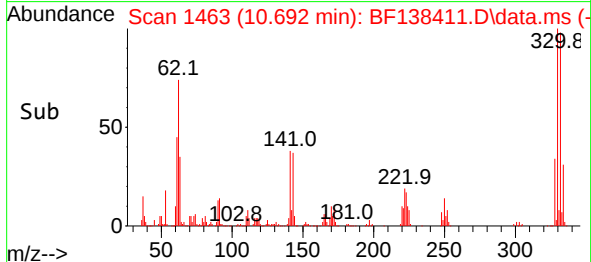
Instrument :
BNA_F
ClientSampleId :
1-B-1



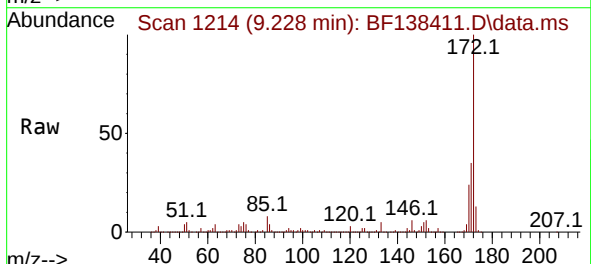
Tgt Ion:330 Resp: 161000
Ion Ratio Lower Upper
330 100
332 98.1 77.0 115.6
141 36.1 28.1 42.1

Manual Integrations
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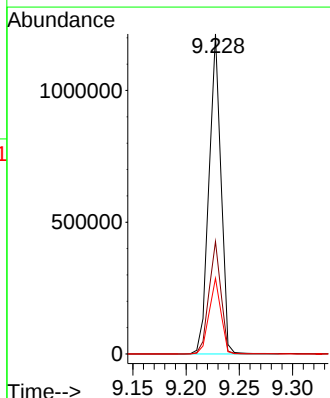
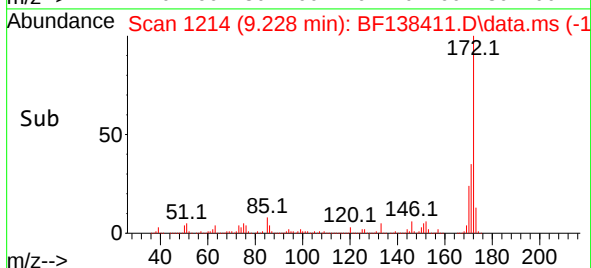
Reviewed By :Jagrut Upadhyay 07/02/2024
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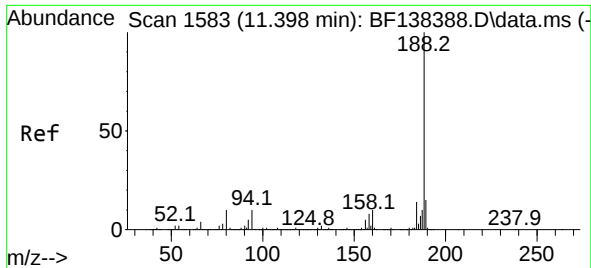


#45
2-Fluorobiphenyl
Concen: 46.340 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF138411.D
Acq: 01 Jul 2024 19:05



Tgt Ion:172 Resp: 955661
Ion Ratio Lower Upper
172 100
171 35.1 29.0 43.4
170 23.7 19.0 28.6





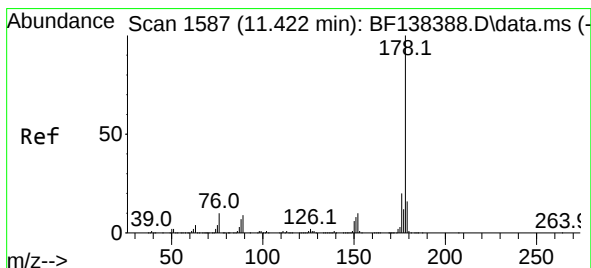
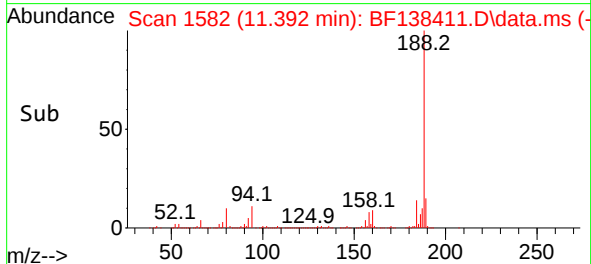
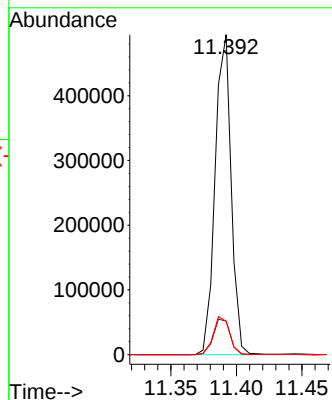
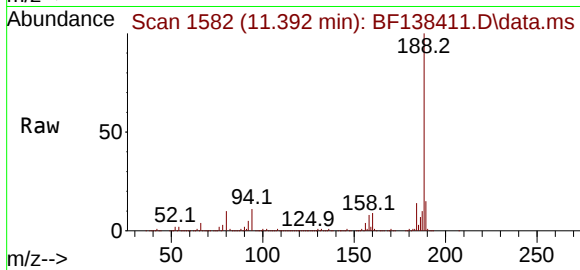
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF138411.D
Acq: 01 Jul 2024 19:05

Instrument :
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Tgt Ion:188 Resp: 419588
Ion Ratio Lower Upper
188 100
94 10.5 8.0 12.0
80 10.5 8.2 12.4

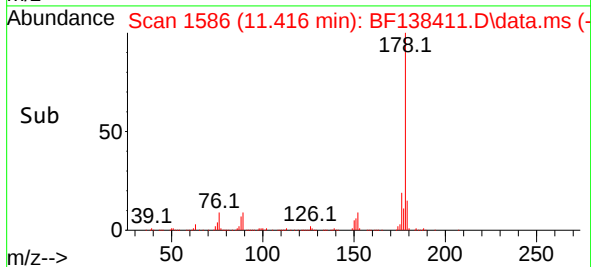
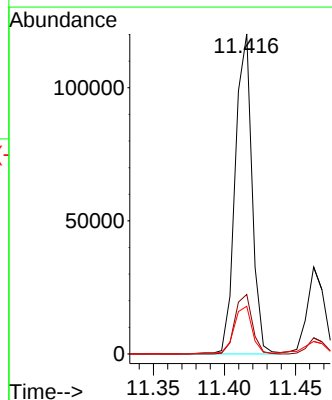
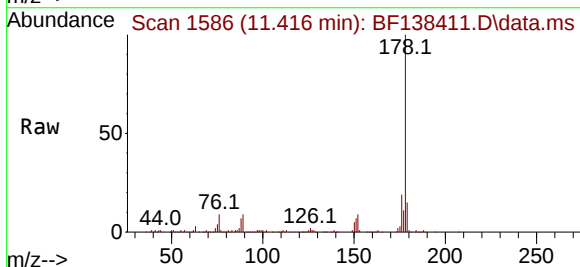
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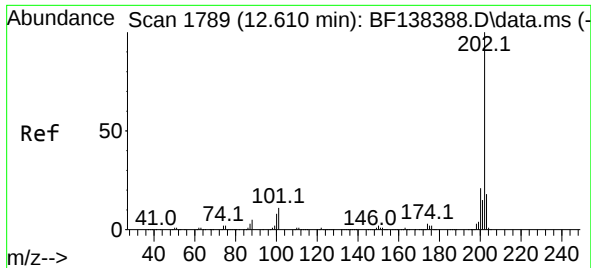
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#71
Phenanthrene
Concen: 4.823 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF138411.D
Acq: 01 Jul 2024 19:05

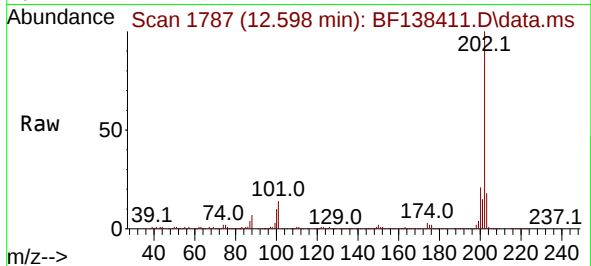
Tgt Ion:178 Resp: 98798
Ion Ratio Lower Upper
178 100
176 18.6 16.1 24.1
179 14.9 12.6 18.8





#75
Fluoranthene
Concen: 8.384 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.012 min
Lab File: BF138411.D
Acq: 01 Jul 2024 19:05

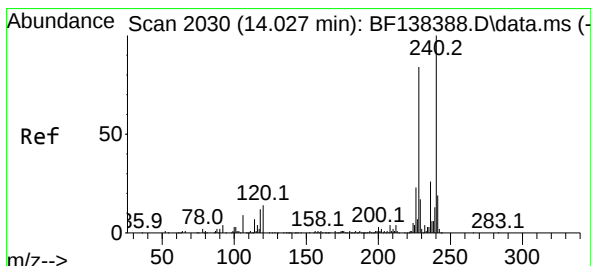
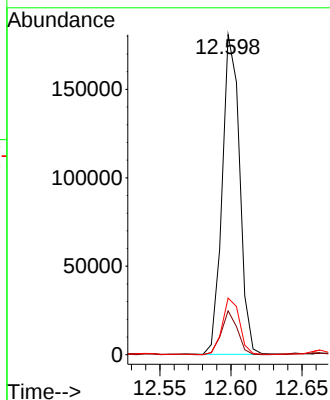
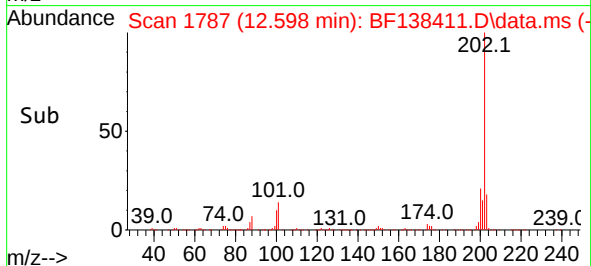
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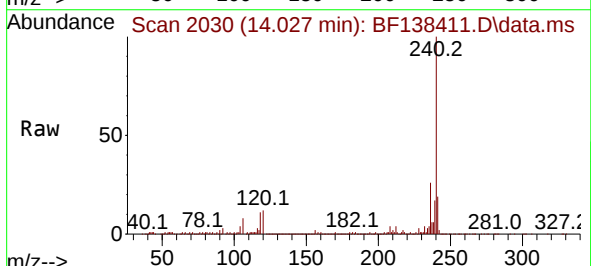
Tgt Ion:202 Resp: 15397
Ion Ratio Lower Upper
202 100
101 13.7 0.0 30.5
203 17.7 0.0 37.6

Manual Integrations
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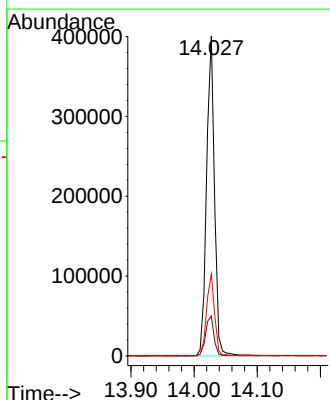
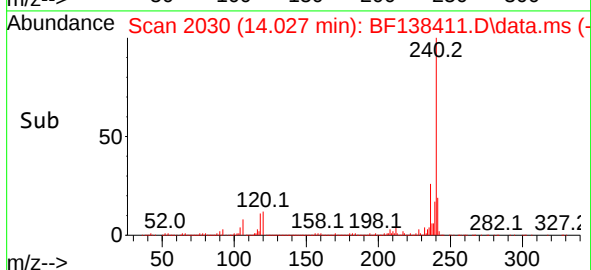
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024

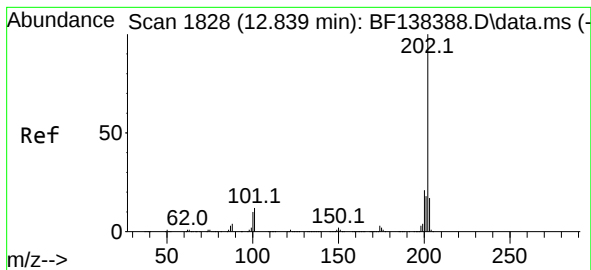


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138411.D
Acq: 01 Jul 2024 19:05



Tgt Ion:240 Resp: 352765
Ion Ratio Lower Upper
240 100
120 12.5 10.9 16.3
236 25.6 20.6 30.8





#78

Pyrene

Concen: 3.817 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.012 min

Lab File: BF138411.D

Acq: 01 Jul 2024 19:05

Instrument :

BNA_F

ClientSampleId :

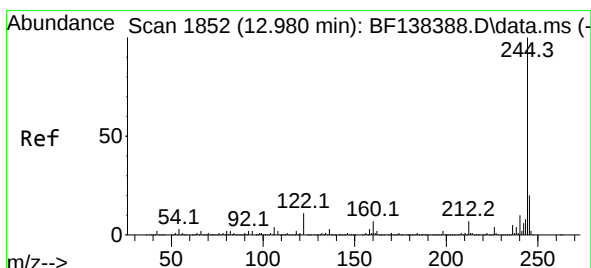
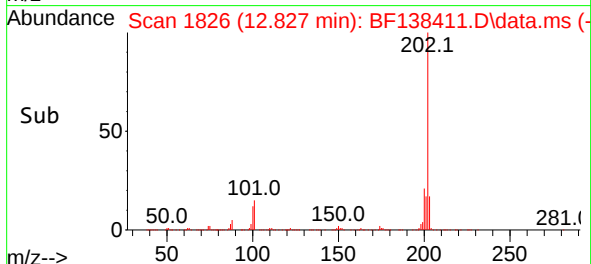
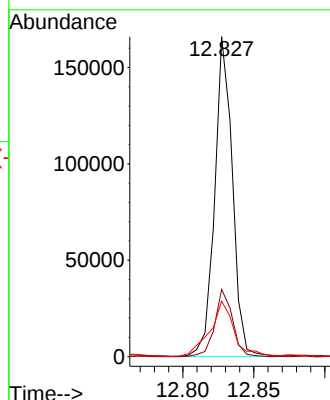
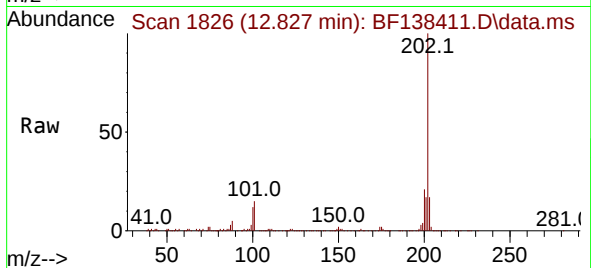
1-B-1

Tgt Ion:202 Resp: 143924
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.9 25.3
 203 17.4 13.8 20.8

Manual Integrations

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#79

Terphenyl-d14

Concen: 28.593 ng

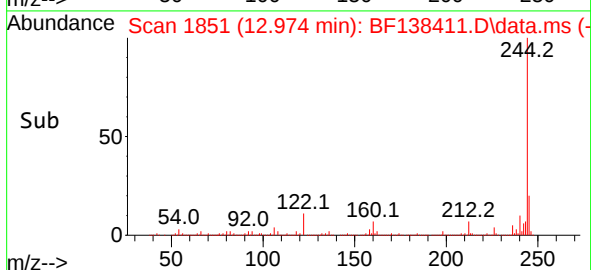
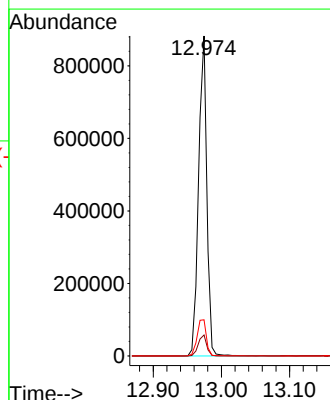
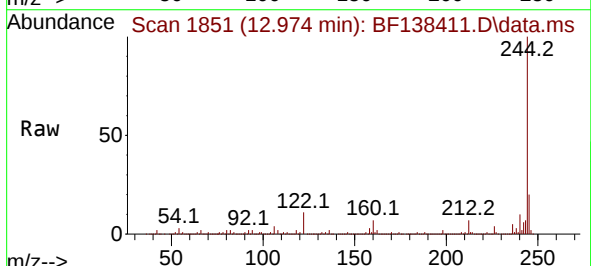
RT: 12.974 min Scan# 1851

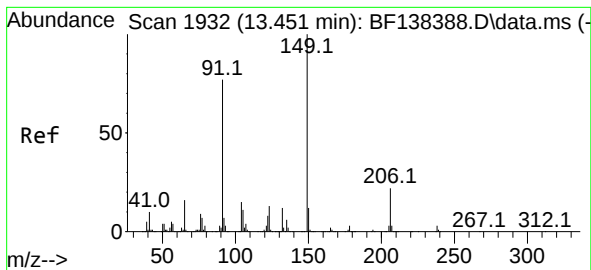
Delta R.T. -0.006 min

Lab File: BF138411.D

Acq: 01 Jul 2024 19:05

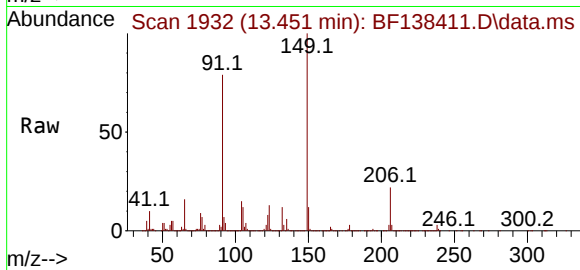
Tgt Ion:244 Resp: 736029
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 11.3 9.0 13.4





#80
Butylbenzylphthalate
Concen: 40.005 ng
RT: 13.451 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BF138411.D
Acq: 01 Jul 2024 19:05

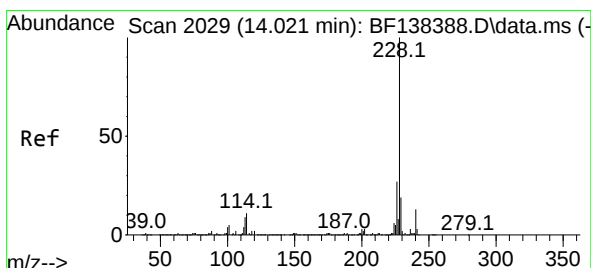
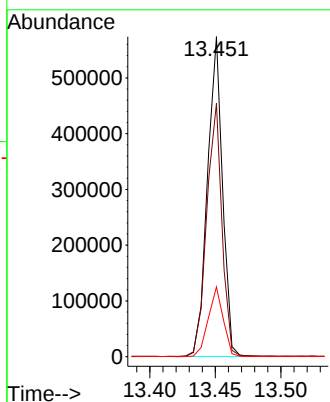
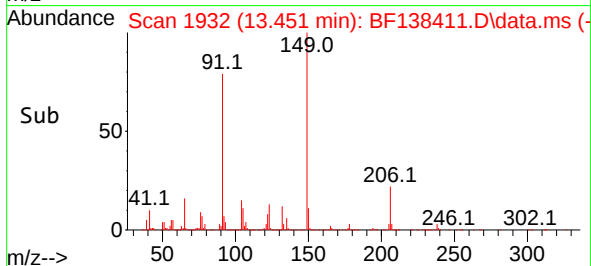
Instrument :
BNA_F
ClientSampleId :
1-B-1



Tgt Ion:149 Resp: 458969
Ion Ratio Lower Upper
149 100
91 79.1 62.0 93.0
206 21.8 17.6 26.4

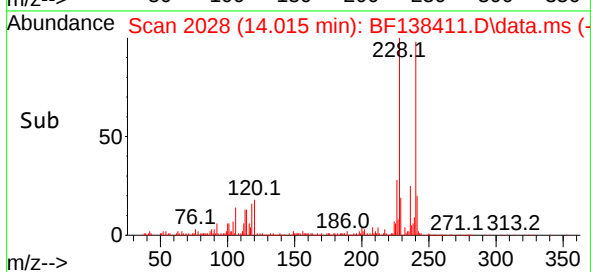
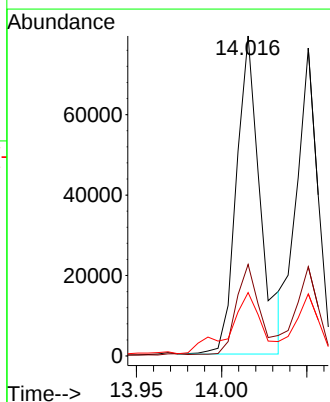
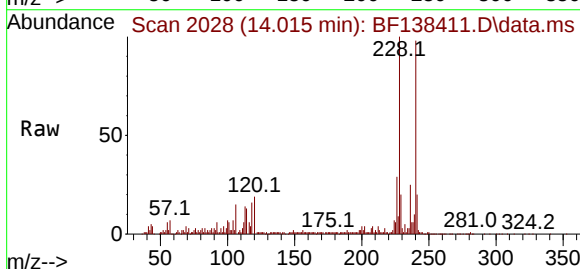
Manual Integrations
APPROVED

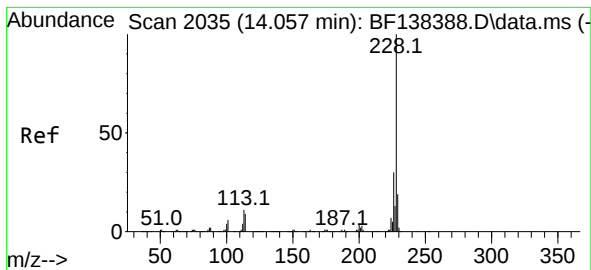
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#81
Benzo(a)anthracene
Concen: 3.393 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF138411.D
Acq: 01 Jul 2024 19:05

Tgt Ion:228 Resp: 77034
Ion Ratio Lower Upper
228 100
226 28.6 21.7 32.5
229 19.8 15.5 23.3





#83

Chrysene

Concen: 3.033 ng

RT: 14.051 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF138411.D

Acq: 01 Jul 2024 19:05

Instrument :

BNA_F

ClientSampleId :

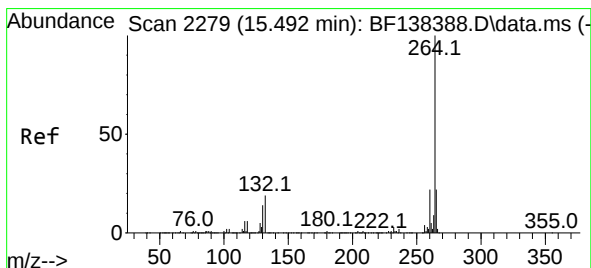
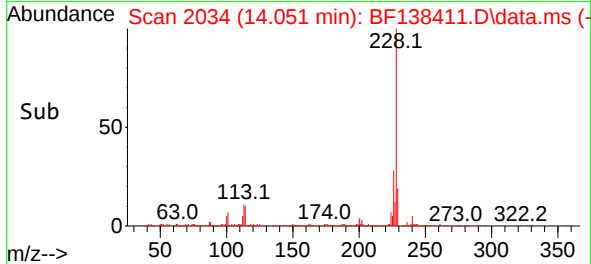
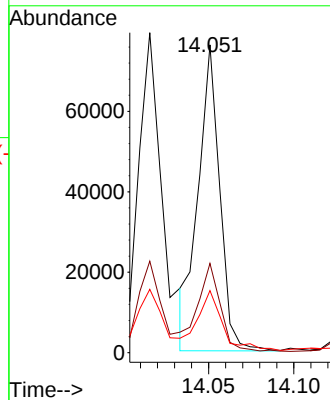
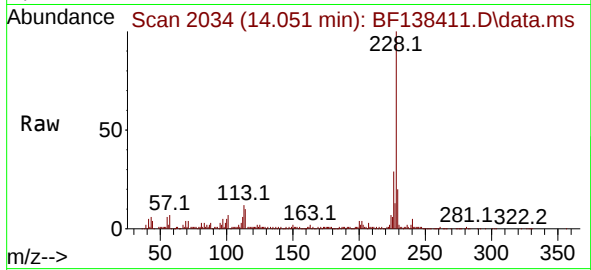
1-B-1

Tgt Ion:228	Resp: 67014
Ion Ratio	Lower Upper
228 100	
226 29.0	23.8 35.6
229 20.2	15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#86

Perylene-d12

Concen: 20.000 ng

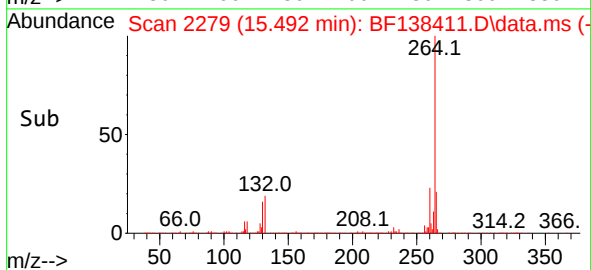
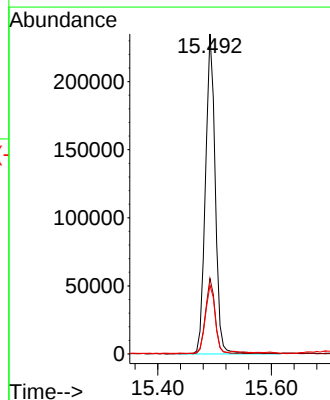
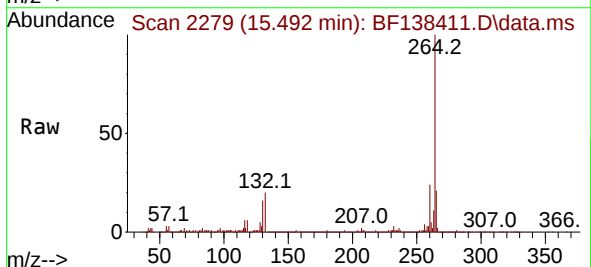
RT: 15.492 min Scan# 2279

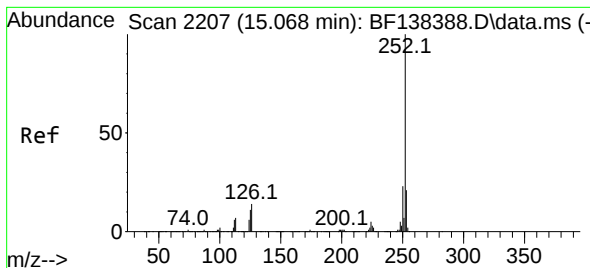
Delta R.T. 0.000 min

Lab File: BF138411.D

Acq: 01 Jul 2024 19:05

Tgt Ion:264	Resp: 281800
Ion Ratio	Lower Upper
264 100	
260 23.6	17.8 26.6
265 21.4	17.5 26.3





#88

Benzo(b)fluoranthene

Concen: 4.394 ng m

RT: 15.062 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BF138411.D

Acq: 01 Jul 2024 19:05

Instrument :

BNA_F

ClientSampleId :

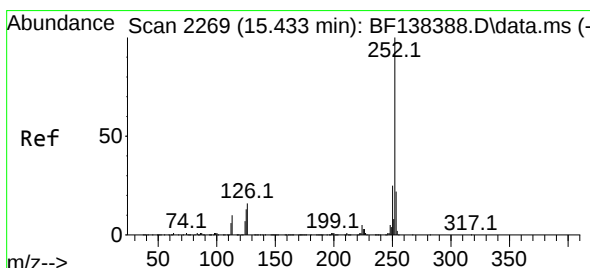
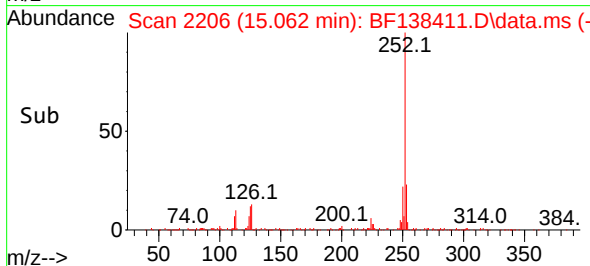
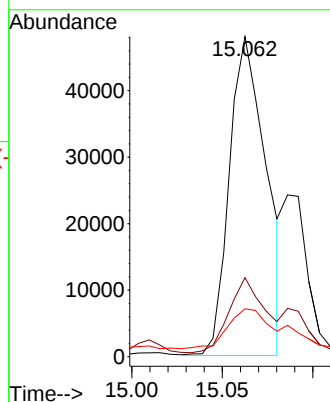
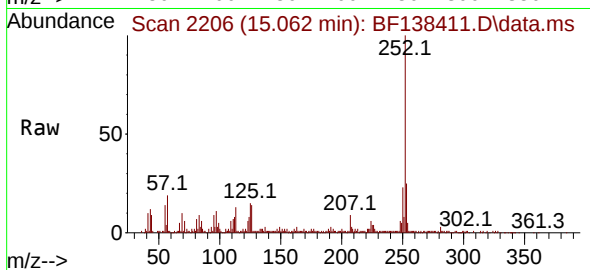
1-B-1

Tgt Ion:252 Resp: 67934
 Ion Ratio Lower Upper
 252 100
 253 24.7 17.0 25.4
 125 15.0 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/03/2024



#90

Benzo(a)pyrene

Concen: 3.368 ng

RT: 15.427 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF138411.D

Acq: 01 Jul 2024 19:05

Tgt Ion:252 Resp: 45642
 Ion Ratio Lower Upper
 252 100
 253 23.4 17.6 26.4
 125 16.7 10.2 15.2

