

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138896.D
 Acq On : 09 Aug 2024 19:06
 Operator : RC/JU
 Sample : P3509-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080724

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/10/2024
 Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 09 23:30:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	43663	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	164507	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	77670	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	109197	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	81740	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	64065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	305858	108.132	ng	0.00
7) Phenol-d6	6.487	99	406437	107.024	ng	0.00
23) Nitrobenzene-d5	7.404	82	257722	76.595	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	50505	79.383	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	415249	80.328	ng	-0.01
79) Terphenyl-d14	12.939	244	316045	64.735	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.380	178	36466	6.485	ng	98
72) Anthracene	11.433	178	12005	2.167	ng	99
75) Fluoranthene	12.568	202	42511	8.099	ng	99
78) Pyrene	12.798	202	41529	5.396	ng	98
81) Benzo(a)anthracene	13.986	228	19751	3.509	ng	# 92
83) Chrysene	14.021	228	15108	2.975	ng	# 88
88) Benzo(b)fluoranthene	15.039	252	15595m	3.927	ng	
90) Benzo(a)pyrene	15.404	252	11177	3.346	ng	# 89

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

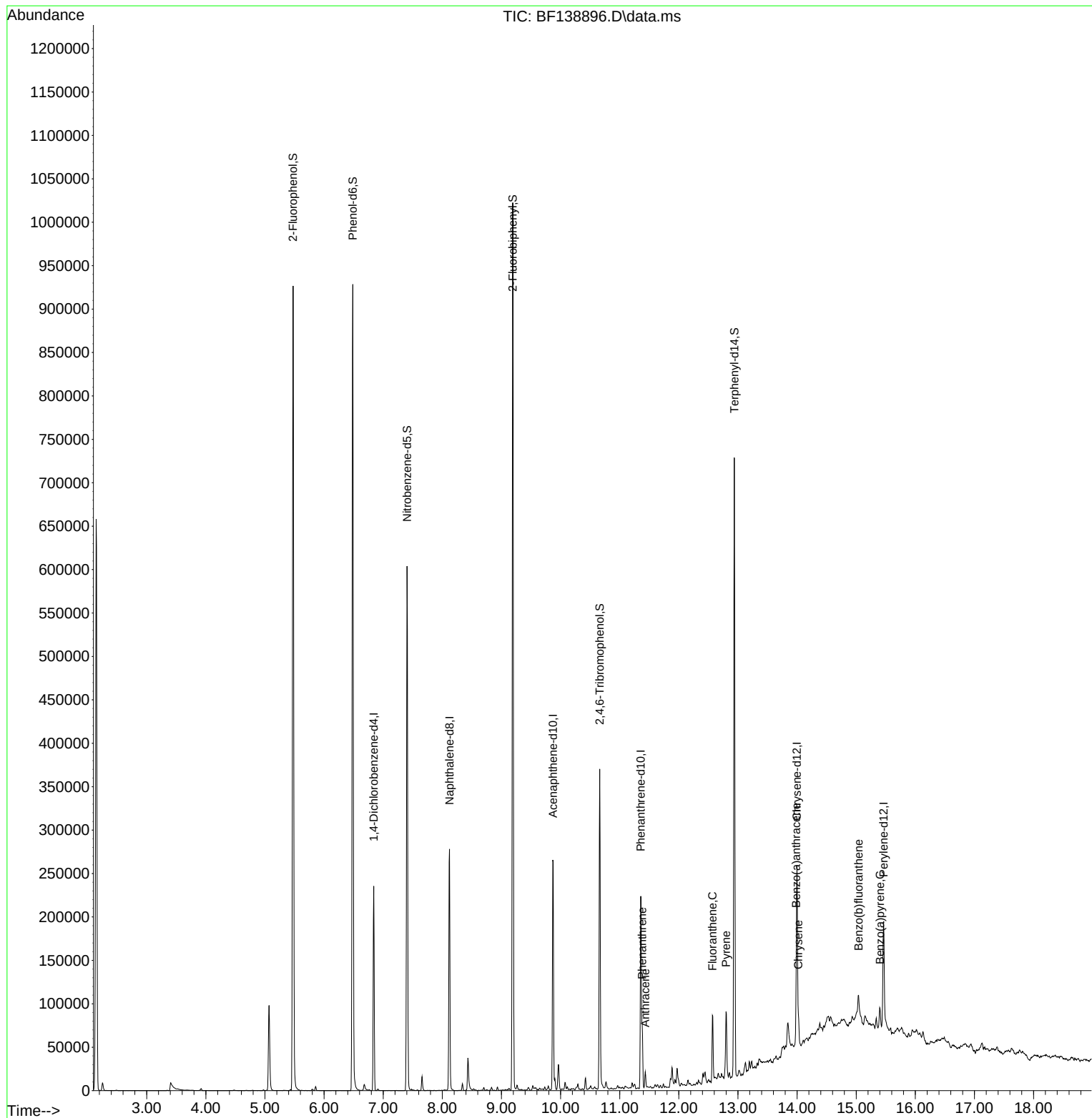
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
Data File : BF138896.D
Acq On : 09 Aug 2024 19:06
Operator : RC/JU
Sample : P3509-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

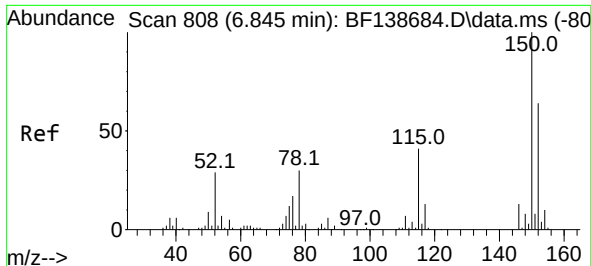
Instrument :
BNA_F
ClientSampleId :
OR-02-080724

Quant Time: Aug 09 23:30:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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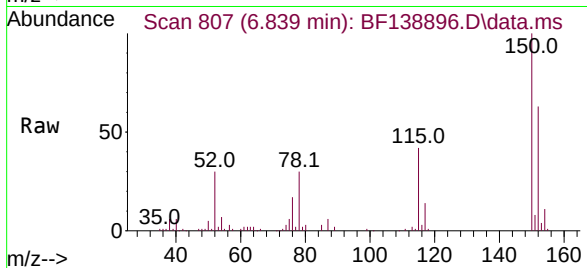
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138896.D
Acq: 09 Aug 2024 19:06

Instrument :

BNA_F

ClientSampleId :

OR-02-080724

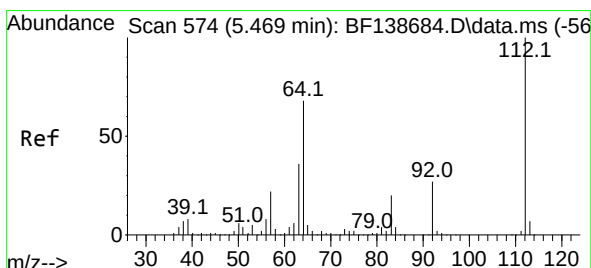
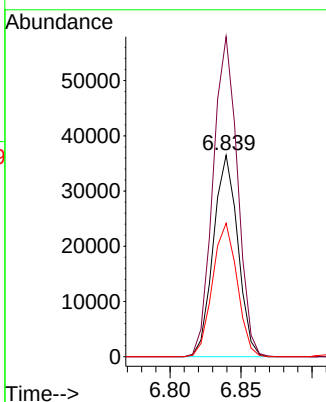
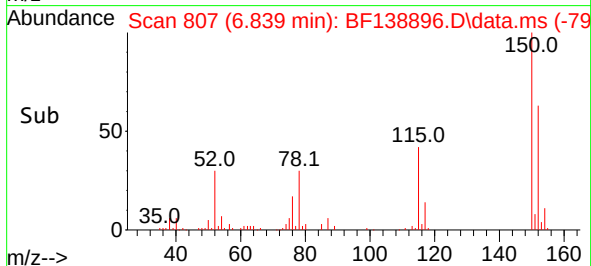


Tgt Ion:152 Resp: 4366
Ion Ratio Lower Upper
152 100
150 158.8 126.0 189.0
115 66.3 51.7 77.5

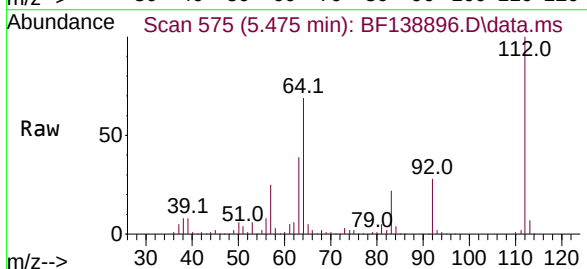
Manual Integrations

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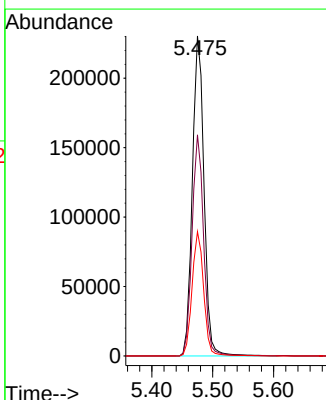
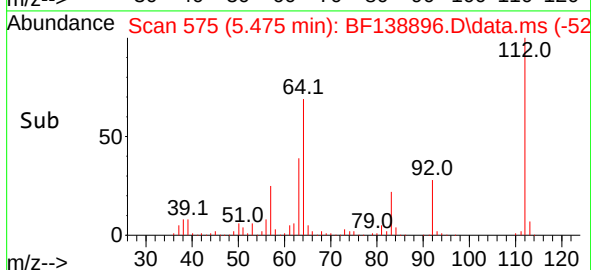
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

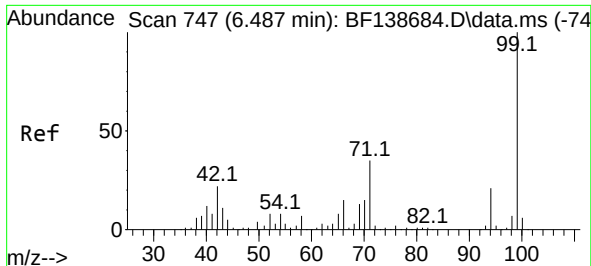


#5
2-Fluorophenol
Concen: 108.132 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138896.D
Acq: 09 Aug 2024 19:06



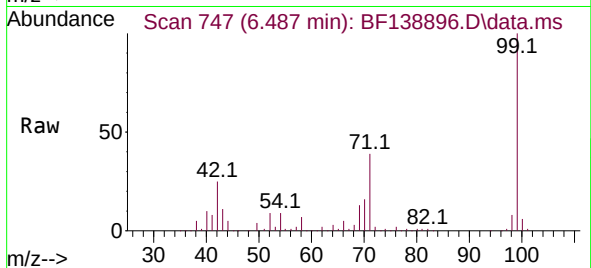
Tgt Ion:112 Resp: 305858
Ion Ratio Lower Upper
112 100
64 69.1 54.2 81.4
63 38.8 28.7 43.1





#7
Phenol-d6
Concen: 107.024 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138896.D
Acq: 09 Aug 2024 19:06

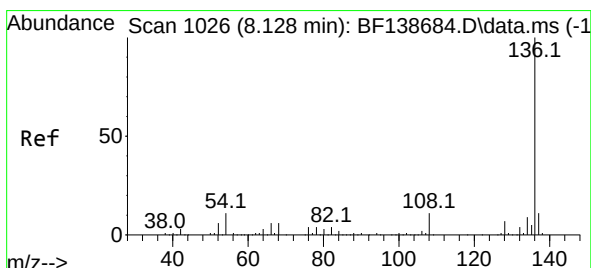
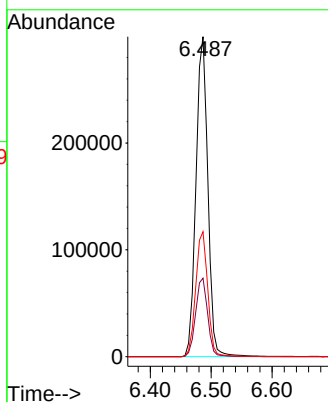
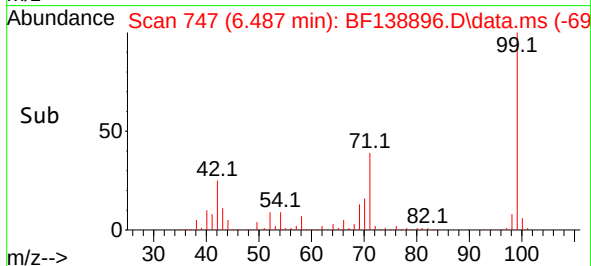
Instrument :
BNA_F
ClientSampleId :
OR-02-080724



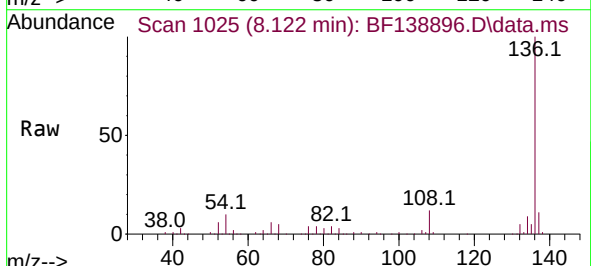
Tgt Ion: 99 Resp: 40643
Ion Ratio Lower Upper
99 100
42 24.6 17.4 26.0
71 39.0 28.1 42.1

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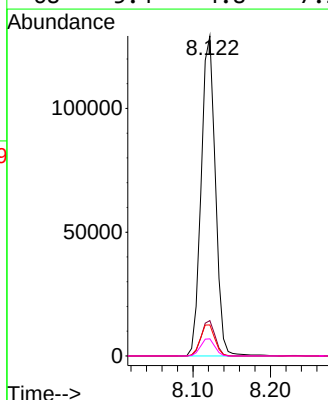
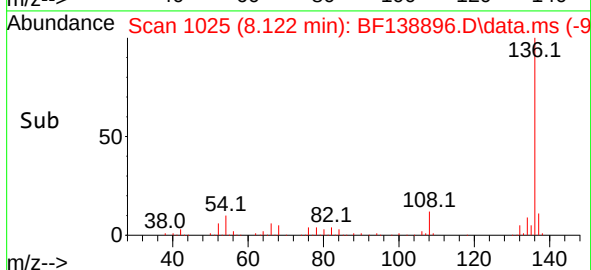
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

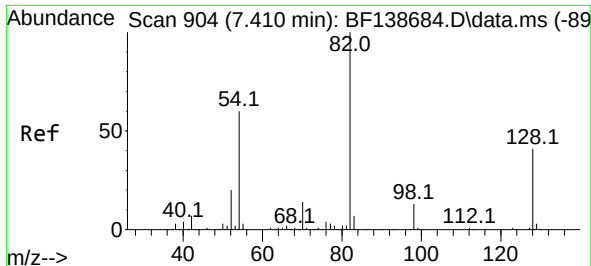


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138896.D
Acq: 09 Aug 2024 19:06



Tgt Ion:136 Resp: 164507
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.7 8.6 12.8
68 5.4 4.8 7.2





#23
Nitrobenzene-d5
Concen: 76.595 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF138896.D
Acq: 09 Aug 2024 19:06

Instrument :

BNA_F

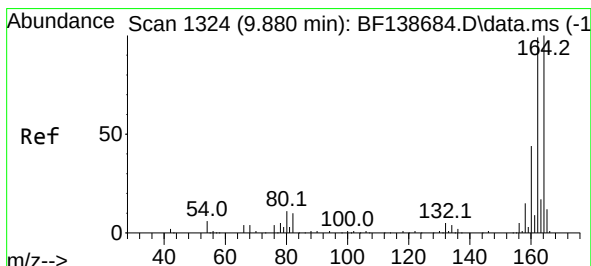
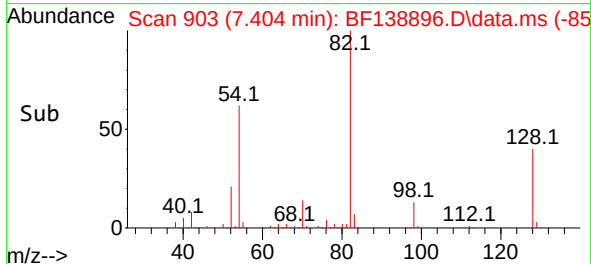
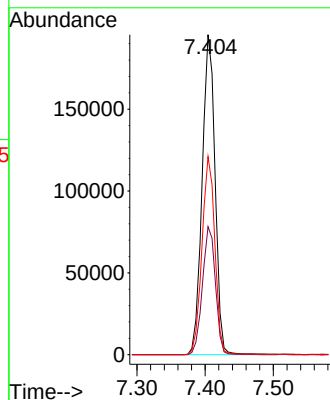
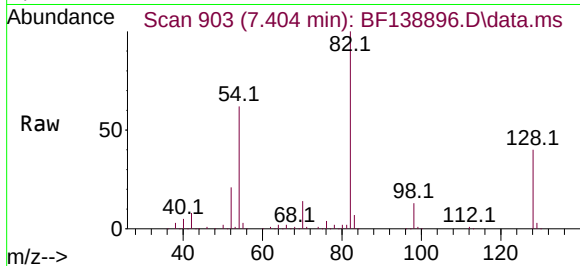
ClientSampleId :

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Tgt Ion: 82 Resp: 25772
Ion Ratio Lower Upper
82 100
128 40.0 32.8 49.2
54 61.9 48.3 72.5

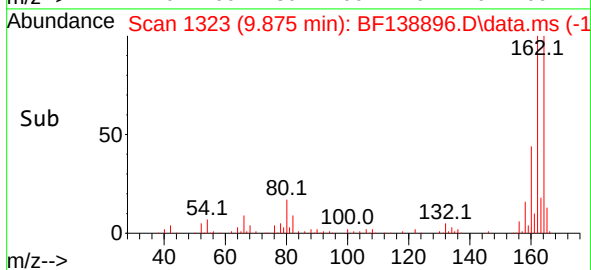
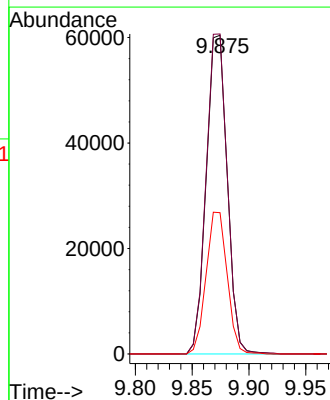
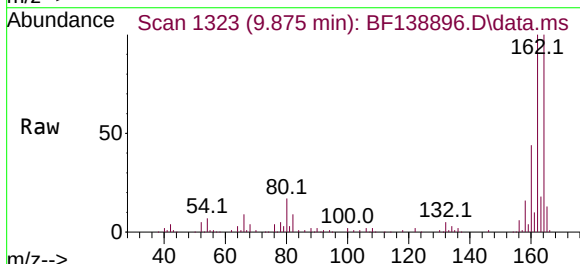
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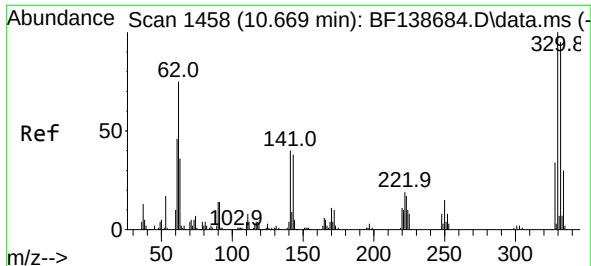
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138896.D
Acq: 09 Aug 2024 19:06

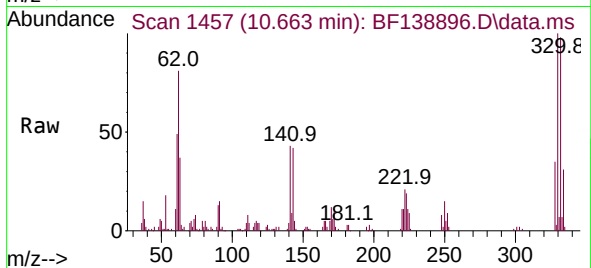
Tgt Ion:164 Resp: 77670
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.0
160 44.4 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 79.383 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138896.D
Acq: 09 Aug 2024 19:06

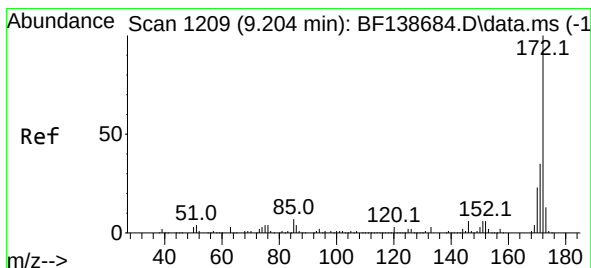
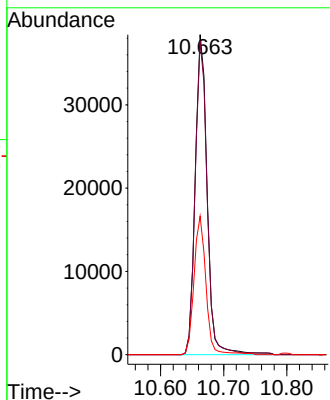
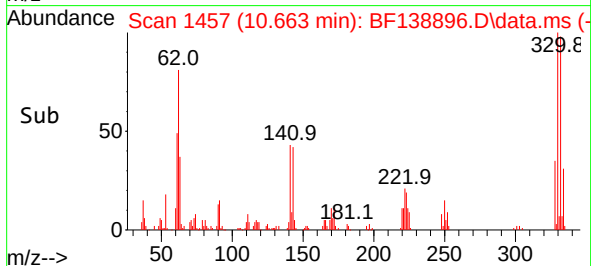
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ClientSampleId :
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Tgt Ion:330 Resp: 5050
Ion Ratio Lower Upper
330 100
332 97.2 76.4 114.6
141 43.1 31.1 46.7

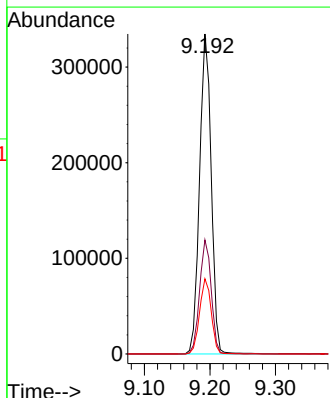
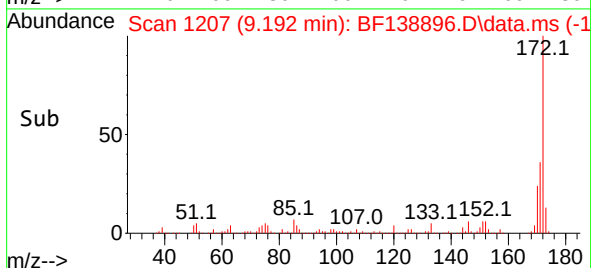
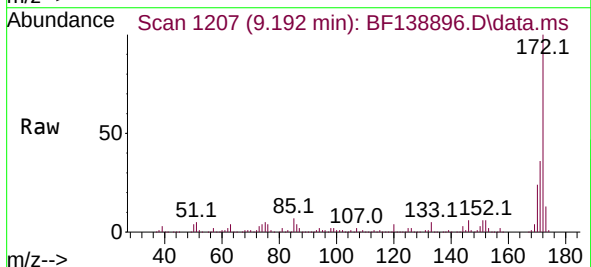
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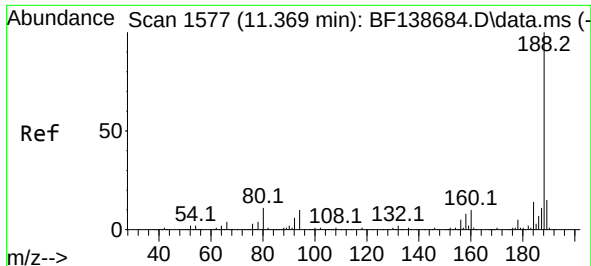
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#45
2-Fluorobiphenyl
Concen: 80.328 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138896.D
Acq: 09 Aug 2024 19:06

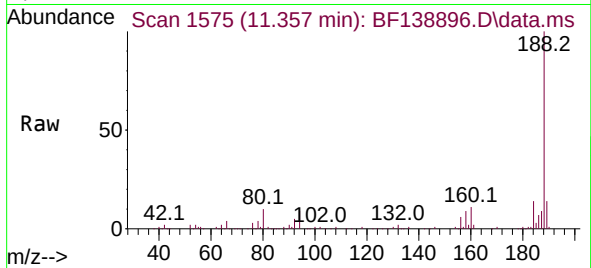
Tgt Ion:172 Resp: 415249
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.5 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF138896.D
Acq: 09 Aug 2024 19:06

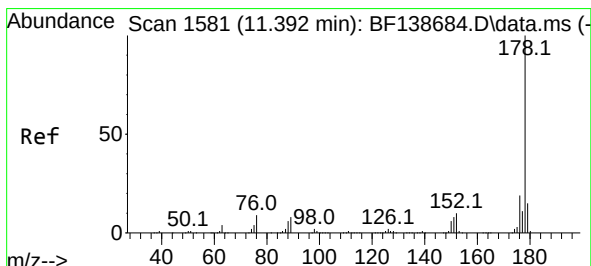
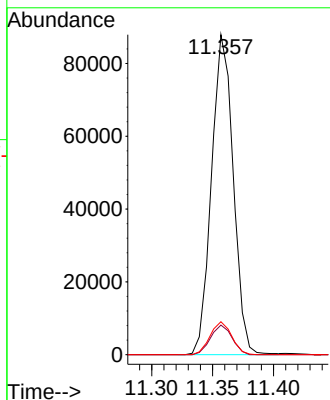
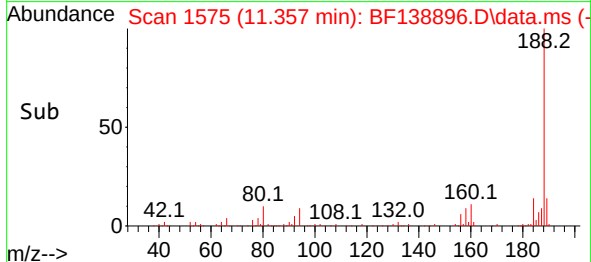
Instrument :
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ClientSampleId :
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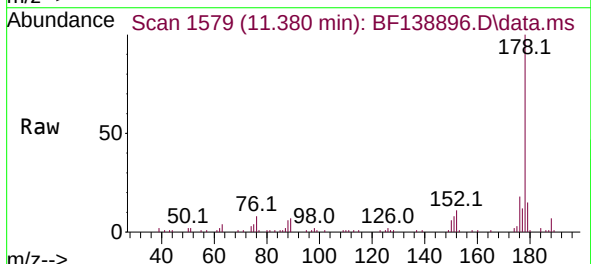
Tgt Ion:188 Resp: 10919
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 10.3 8.6 12.8

Manual Integrations
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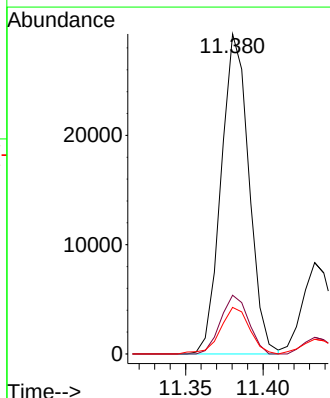
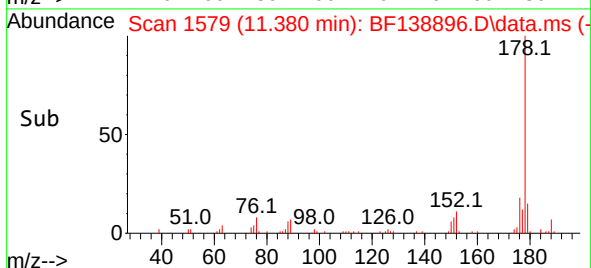
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

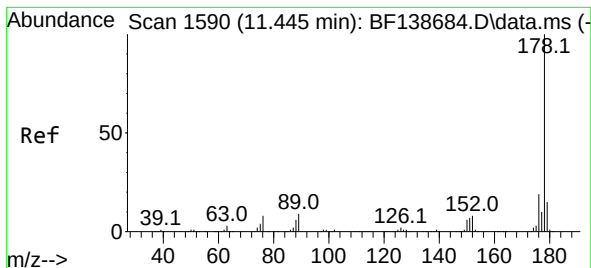


#71
Phenanthrene
Concen: 6.485 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF138896.D
Acq: 09 Aug 2024 19:06



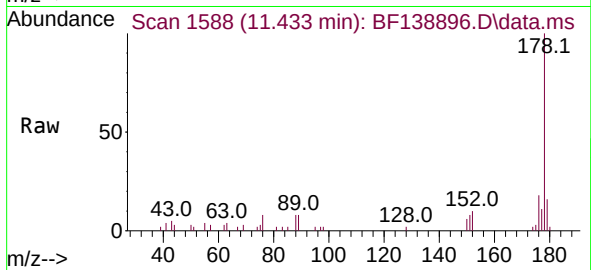
Tgt Ion:178 Resp: 36466
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.0
179 14.6 12.2 18.2





#72
Anthracene
Concen: 2.167 ng
RT: 11.433 min Scan# 11433
Delta R.T. -0.012 min
Lab File: BF138896.D
Acq: 09 Aug 2024 19:06

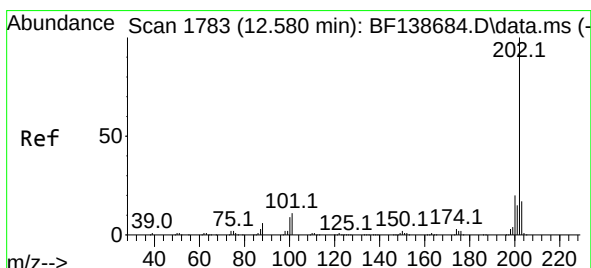
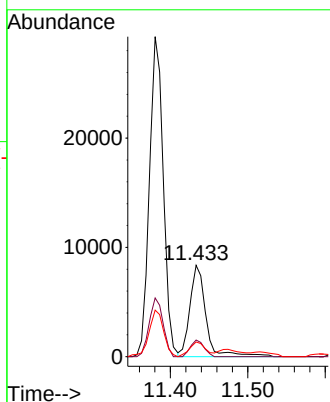
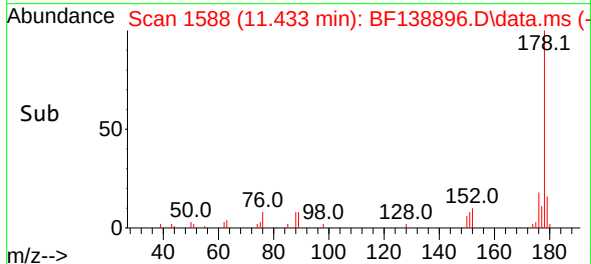
Instrument :
BNA_F
ClientSampleId :
OR-02-080724



Tgt Ion:178 Resp: 12009
Ion Ratio Lower Upper
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176 18.2 14.9 22.3
179 16.1 12.4 18.6

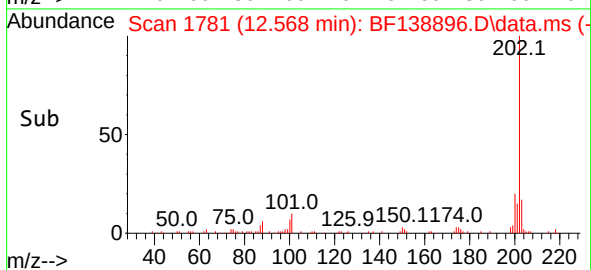
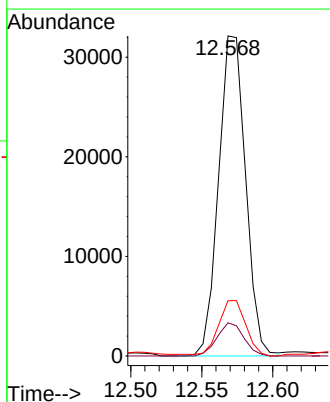
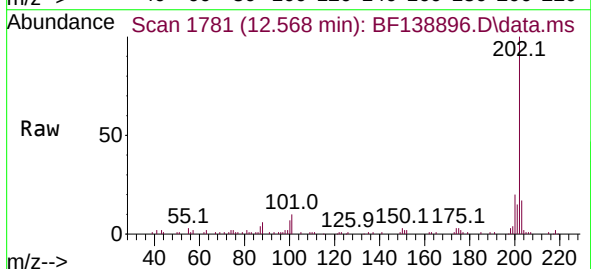
Manual Integrations
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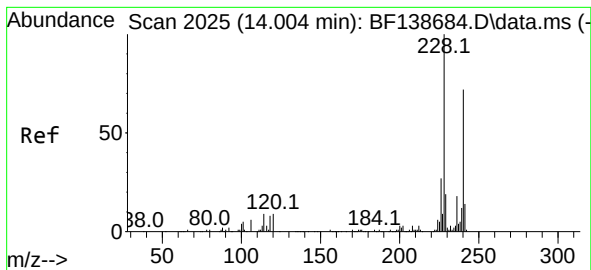
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#75
Fluoranthene
Concen: 8.099 ng
RT: 12.568 min Scan# 1781
Delta R.T. -0.012 min
Lab File: BF138896.D
Acq: 09 Aug 2024 19:06

Tgt Ion:202 Resp: 42511
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.2
203 17.3 0.0 37.3





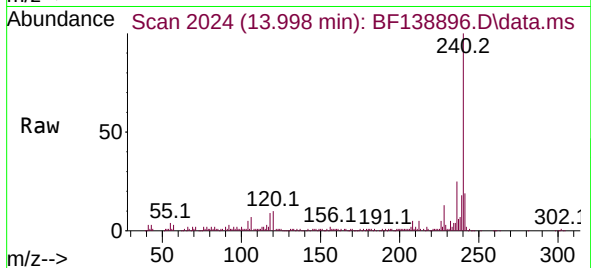
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138896.D
Acq: 09 Aug 2024 19:06

Instrument :

BNA_F

ClientSampleId :

OR-02-080724



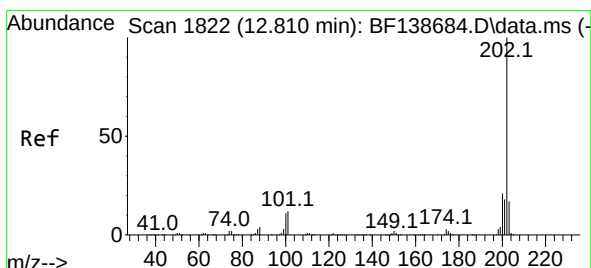
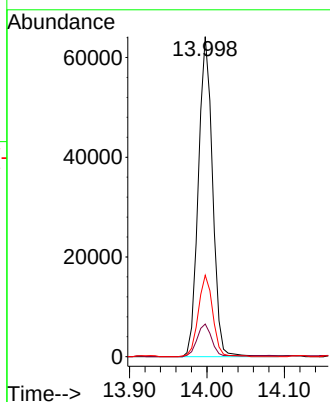
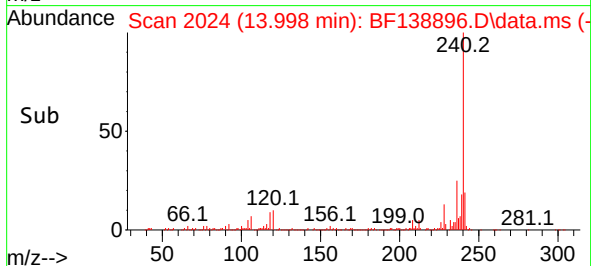
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Ion Ratio Lower Upper
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120 10.2 10.2 15.4
236 25.5 19.8 29.8

Manual Integrations

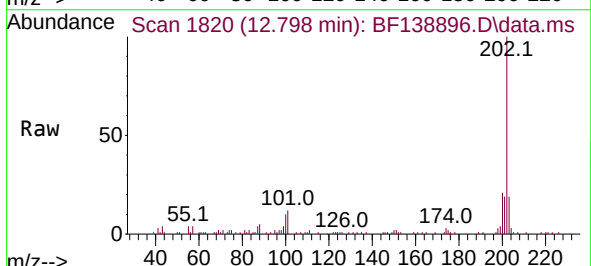
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

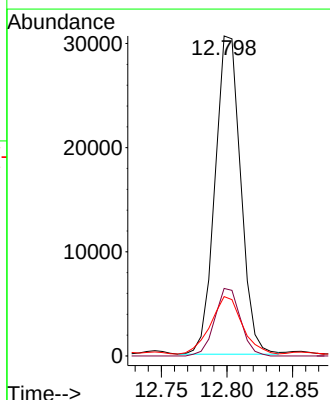
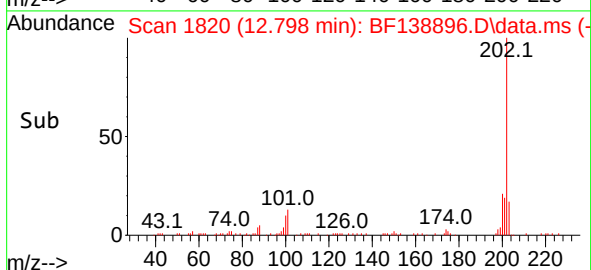
Supervised By :mohammad ahmed 08/12/2024

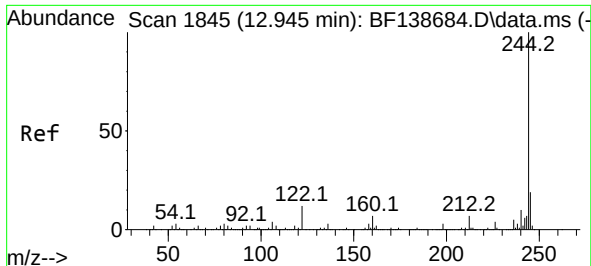


#78
Pyrene
Concen: 5.396 ng
RT: 12.798 min Scan# 1820
Delta R.T. -0.012 min
Lab File: BF138896.D
Acq: 09 Aug 2024 19:06



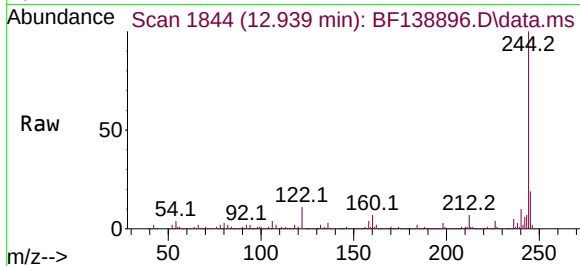
Tgt Ion:202 Resp: 41529
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 18.5 13.8 20.6





#79
 Terphenyl-d14
 Concen: 64.735 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF138896.D
 Acq: 09 Aug 2024 19:06

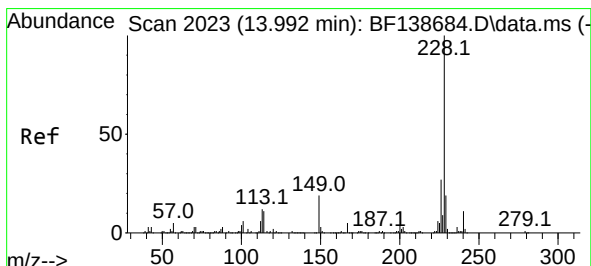
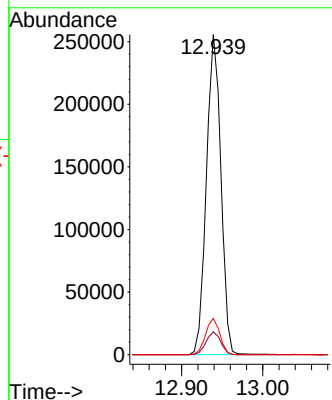
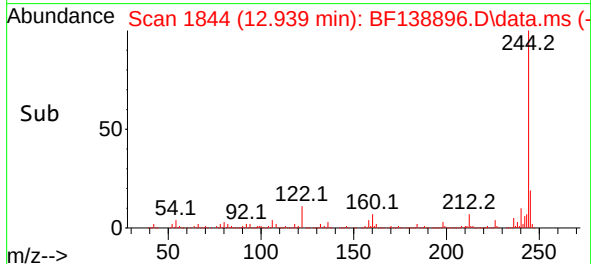
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080724



Tgt Ion:244 Resp: 316045
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 11.3 9.6 14.4

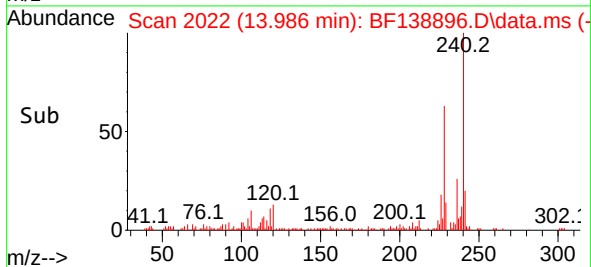
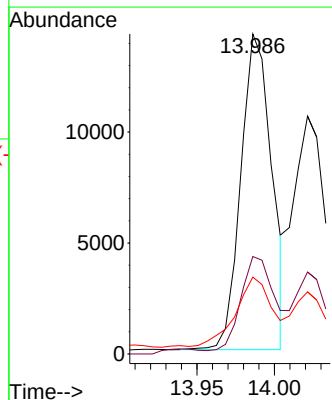
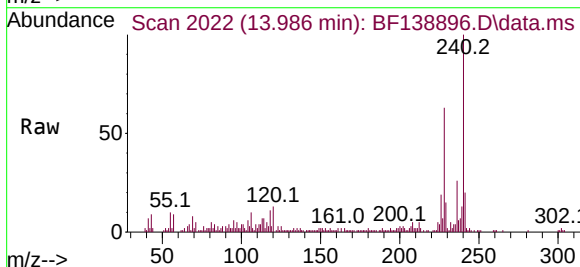
Manual Integrations
 APPROVED

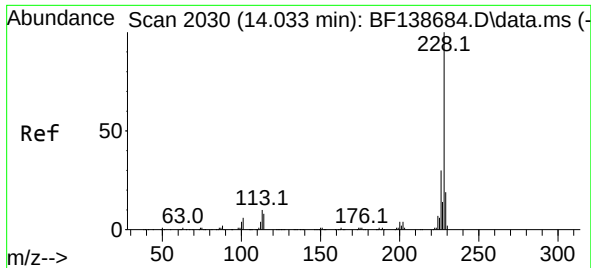
Reviewed By :Yogesh Patel 08/10/2024
 Supervised By :mohammad ahmed 08/12/2024



#81
 Benzo(a)anthracene
 Concen: 3.509 ng
 RT: 13.986 min Scan# 2022
 Delta R.T. -0.006 min
 Lab File: BF138896.D
 Acq: 09 Aug 2024 19:06

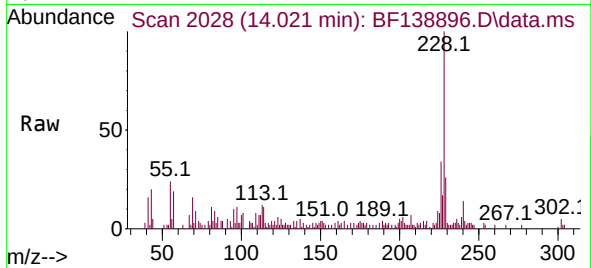
Tgt Ion:228 Resp: 19751
 Ion Ratio Lower Upper
 228 100
 226 30.4 22.1 33.1
 229 24.0 15.4 23.0#





#83
Chrysene
Concen: 2.975 ng
RT: 14.021 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF138896.D
Acq: 09 Aug 2024 19:06

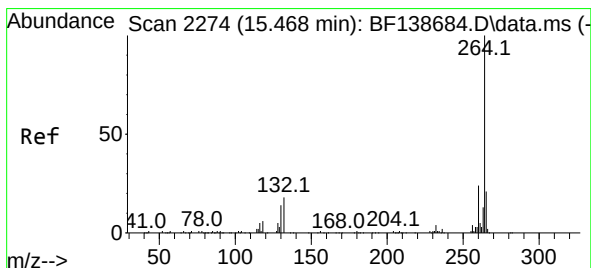
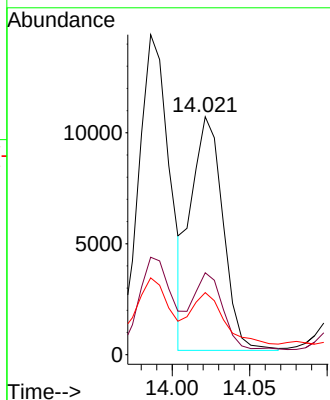
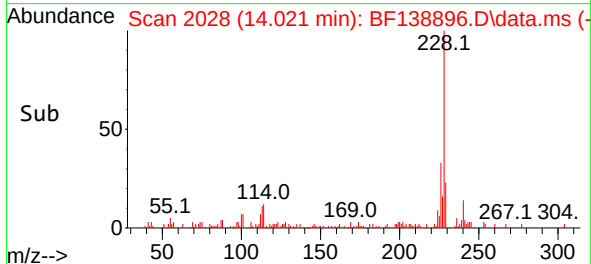
Instrument :
BNA_F
ClientSampleId :
OR-02-080724



Tgt Ion:228 Resp: 1510
Ion Ratio Lower Upper
228 100
226 34.4 23.7 35.5
229 26.1 15.0 22.6

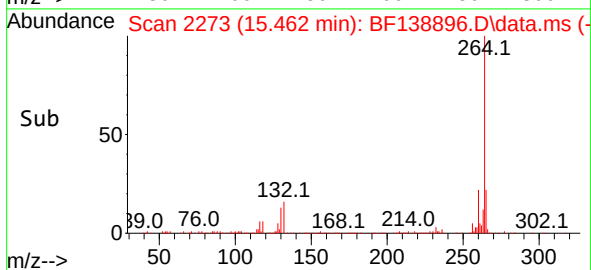
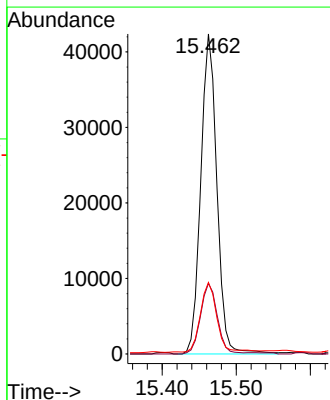
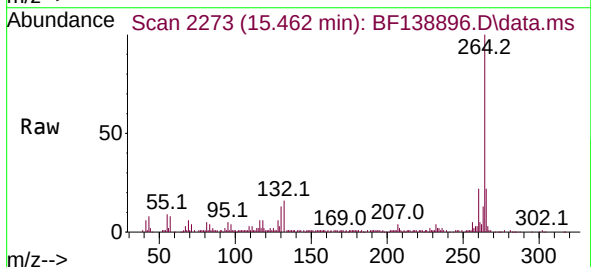
Manual Integrations
APPROVED

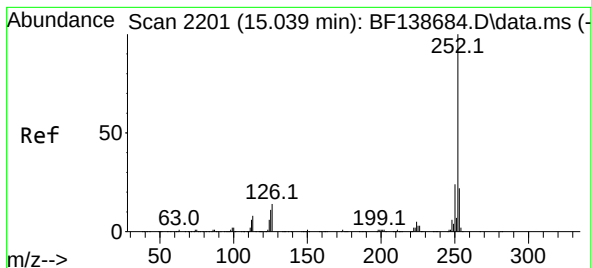
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138896.D
Acq: 09 Aug 2024 19:06

Tgt Ion:264 Resp: 64065
Ion Ratio Lower Upper
264 100
260 22.1 19.0 28.6
265 22.3 17.0 25.6





#88

Benzo(b)fluoranthene

Concen: 3.927 ng m

RT: 15.039 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138896.D

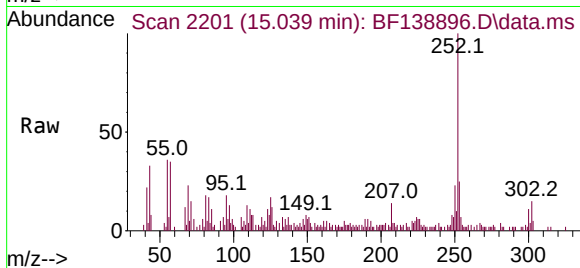
Acq: 09 Aug 2024 19:06

Instrument :

BNA_F

ClientSampleId :

OR-02-080724



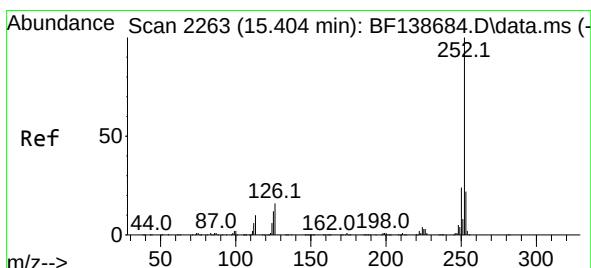
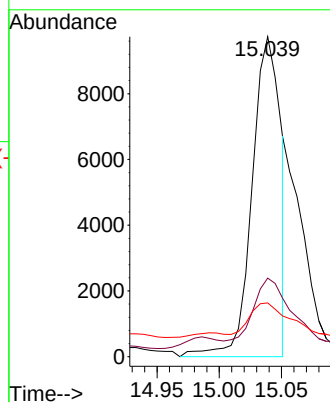
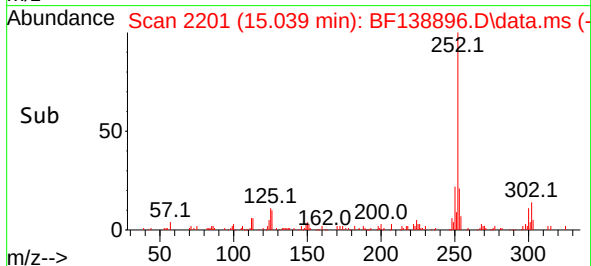
Tgt Ion:	252	Resp:	1559
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.5	26.3
125	16.8	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#90

Benzo(a)pyrene

Concen: 3.346 ng

RT: 15.404 min Scan# 2263

Delta R.T. -0.000 min

Lab File: BF138896.D

Acq: 09 Aug 2024 19:06

Tgt Ion:	252	Resp:	11177
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.3	25.9
125	18.8	9.5	14.3

