

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
 Data File : BF138665.D
 Acq On : 25 Jul 2024 21:23
 Operator : RC/JU
 Sample : P3343-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-COMP

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024

Quant Time: Jul 26 01:15:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	69018	20.000	ng	-0.02
21) Naphthalene-d8	8.133	136	243875	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	103993	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	174931	20.000	ng	-0.02
76) Chrysene-d12	14.010	240	124388	20.000	ng	-0.02
86) Perylene-d12	15.474	264	93977	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	79389	18.217	ng	-0.02
7) Phenol-d6	6.487	99	104102	17.957	ng	-0.02
23) Nitrobenzene-d5	7.410	82	63246	12.733	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	15915	16.375	ng	-0.02
45) 2-Fluorobiphenyl	9.204	172	94504	14.203	ng	-0.02
79) Terphenyl-d14	12.951	244	93437	12.238	ng	-0.02
Target Compounds						Qvalue
75) Fluoranthene	12.580	202	50394	5.588	ng	95
78) Pyrene	12.810	202	51015	4.040	ng	97
81) Benzo(a)anthracene	13.998	228	25001	2.995	ng	# 93
83) Chrysene	14.033	228	20495	2.596	ng	# 92
88) Benzo(b)fluoranthene	15.045	252	21863m	4.131	ng	
90) Benzo(a)pyrene	15.409	252	15500	3.334	ng	# 81
92) Benzo(g,h,i)perylene	17.380	276	11116	2.030	ng	# 82

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

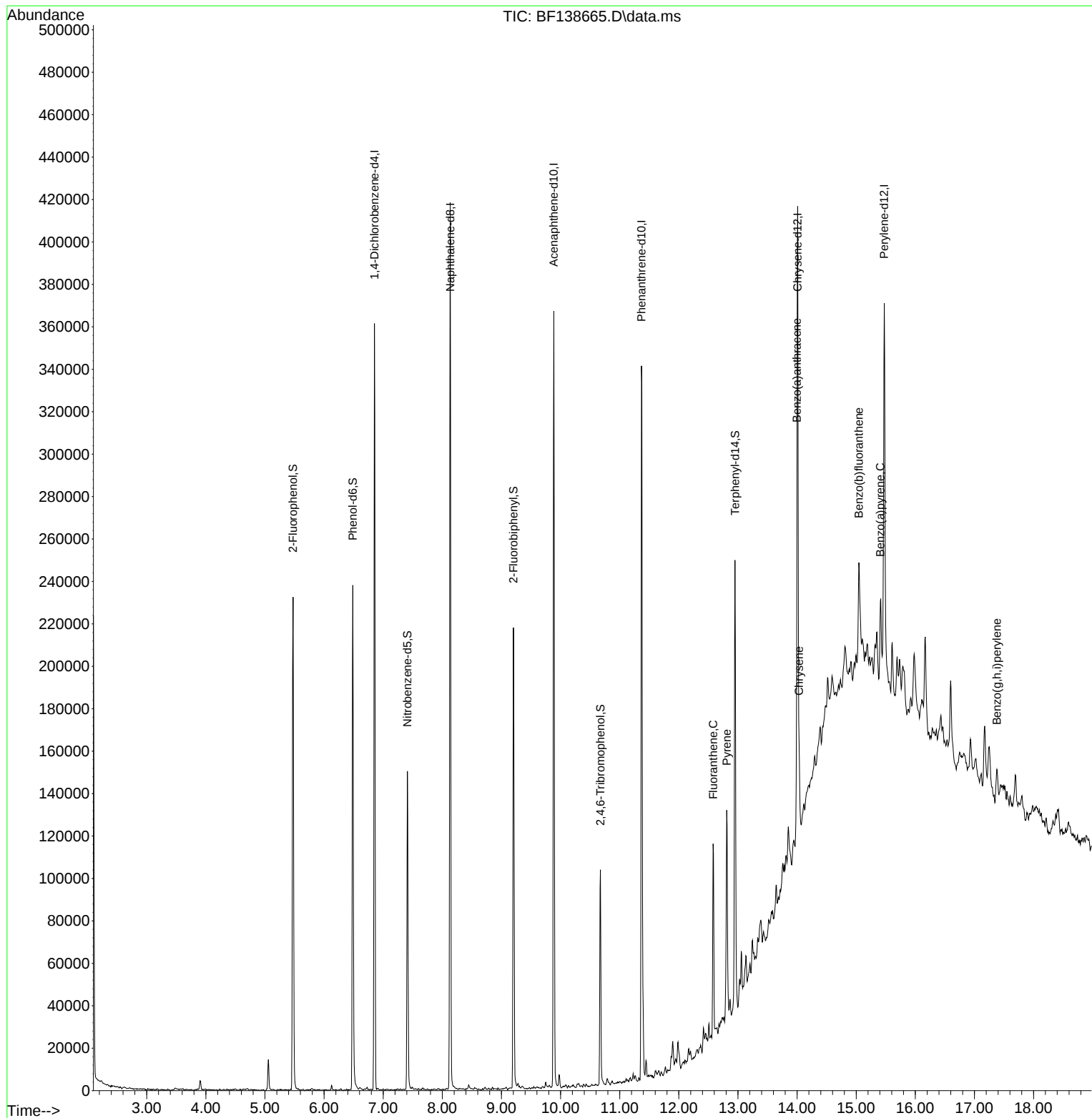
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
Data File : BF138665.D
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138665.D
Acq: 25 Jul 2024 21:23

Instrument :

BNA_F

ClientSampleId :

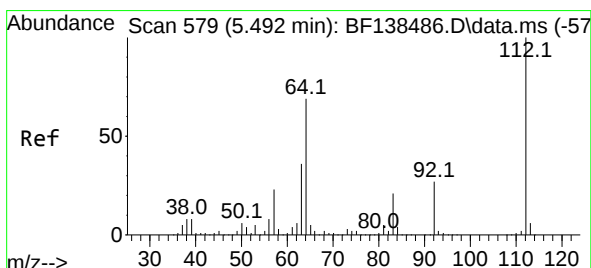
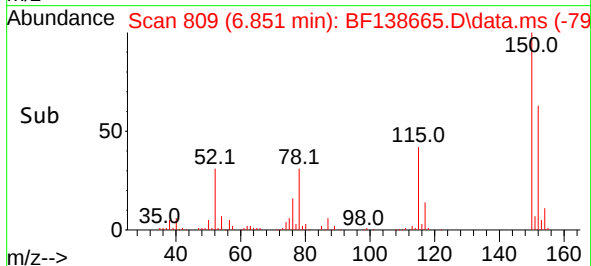
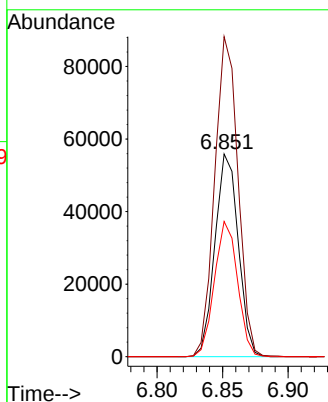
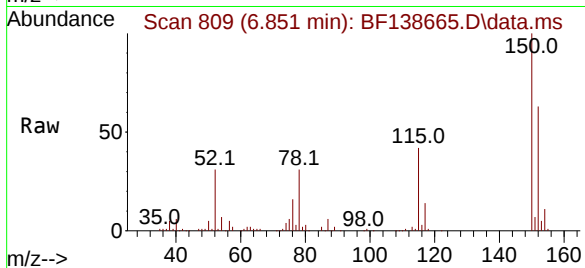
SP-A-COMP

Tgt Ion:152 Resp: 69018
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.4
115 66.7 50.3 75.5

Manual Integrations

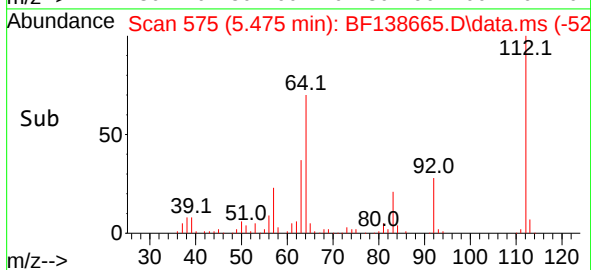
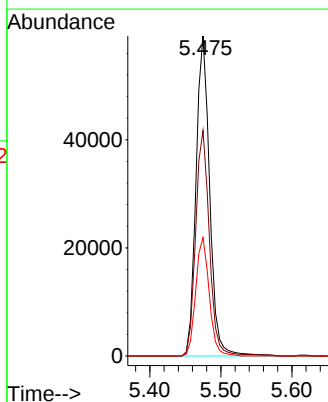
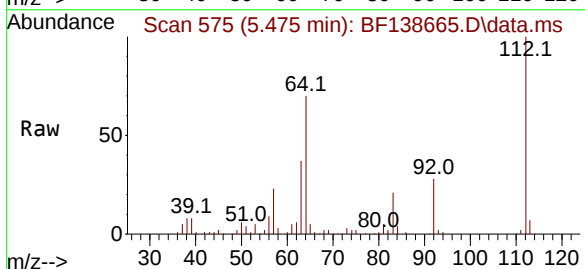
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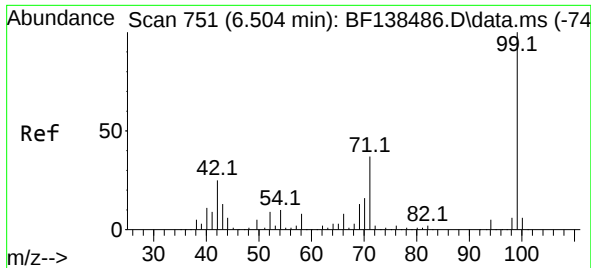
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#5
2-Fluorophenol
Concen: 18.217 ng
RT: 5.475 min Scan# 575
Delta R.T. -0.018 min
Lab File: BF138665.D
Acq: 25 Jul 2024 21:23

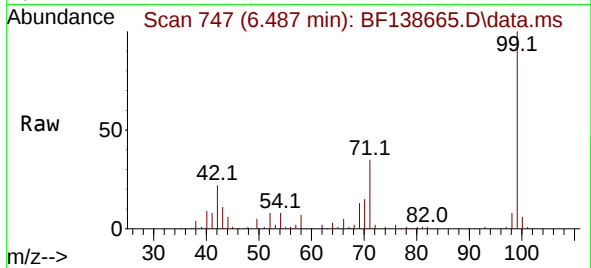
Tgt Ion:112 Resp: 79389
Ion Ratio Lower Upper
112 100
64 70.5 55.1 82.7
63 37.0 29.0 43.6





#7
Phenol-d6
Concen: 17.957 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF138665.D
Acq: 25 Jul 2024 21:23

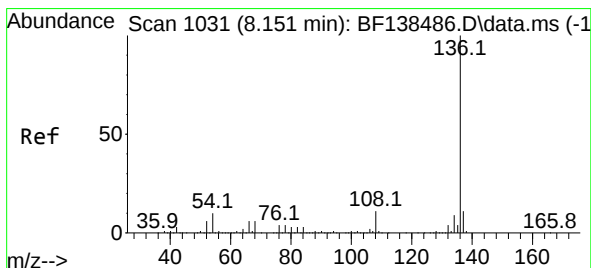
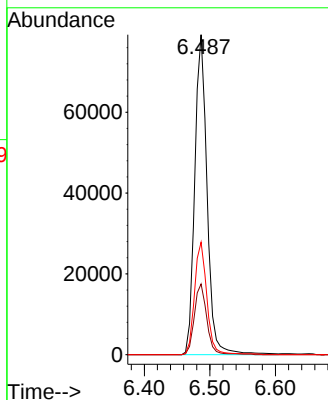
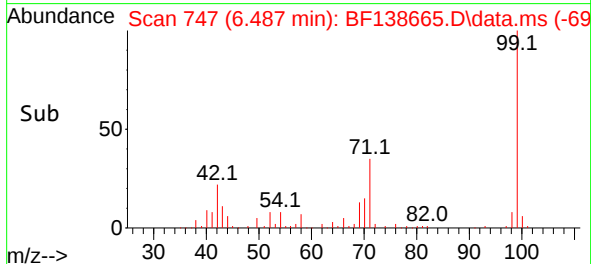
Instrument :
BNA_F
ClientSampleId :
SP-A-COMP



Tgt Ion: 99 Resp: 10410
Ion Ratio Lower Upper
99 100
42 22.1 19.7 29.5
71 35.2 29.9 44.9

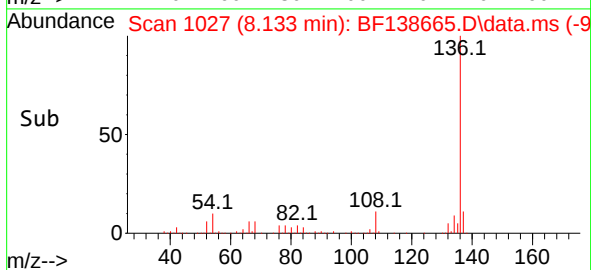
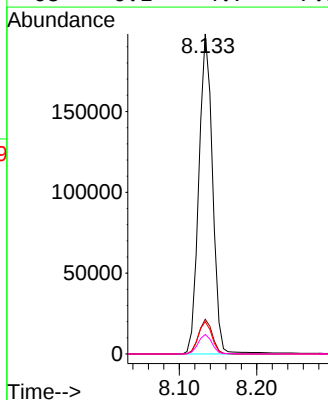
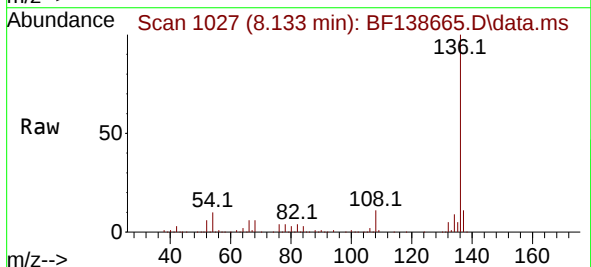
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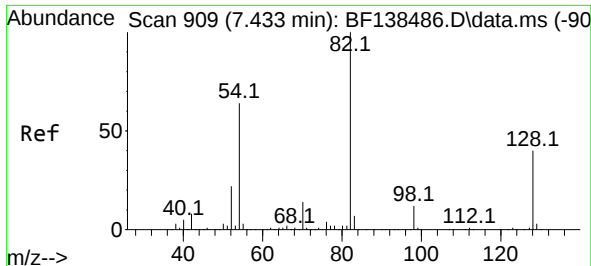
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.018 min
Lab File: BF138665.D
Acq: 25 Jul 2024 21:23

Tgt Ion:136 Resp: 243875
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.1 8.1 12.1
68 6.1 4.7 7.1





#23

Nitrobenzene-d5

Concen: 12.733 ng

RT: 7.410 min Scan# 909

Delta R.T. -0.024 min

Lab File: BF138665.D

Acq: 25 Jul 2024 21:23

Instrument :

BNA_F

ClientSampleId :

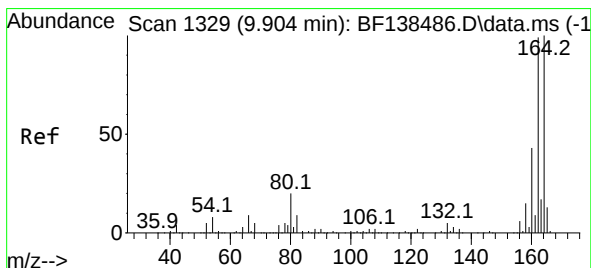
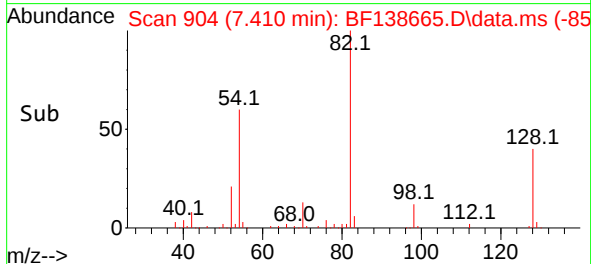
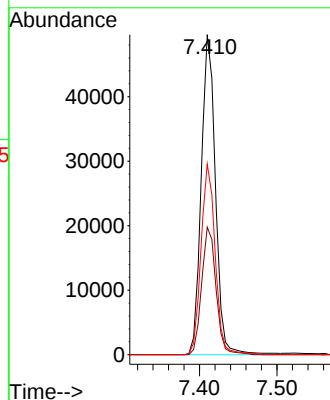
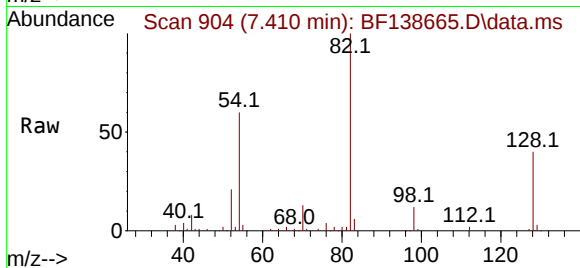
SP-A-COMP

Tgt Ion: 82 Resp: 63240
 Ion Ratio Lower Upper
 82 100
 128 39.9 32.3 48.5
 54 59.6 51.4 77.0

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#39

Acenaphthene-d10

Concen: 20.000 ng

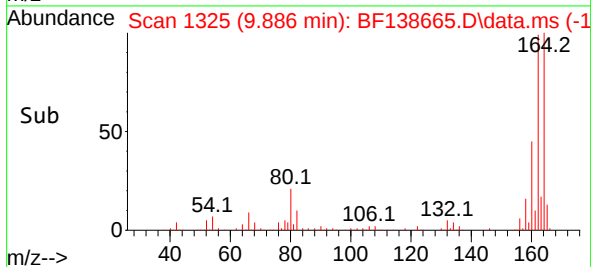
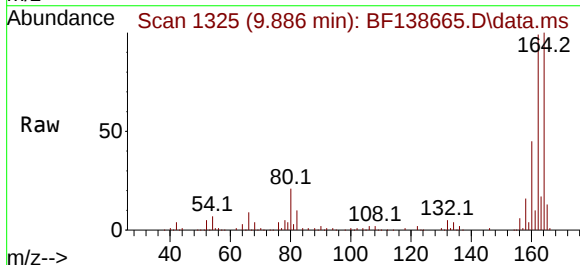
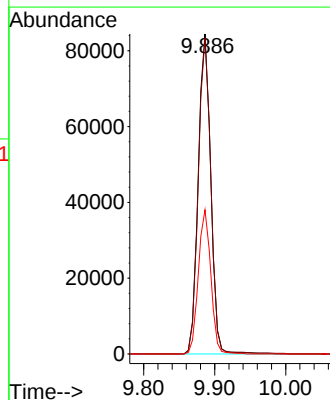
RT: 9.886 min Scan# 1325

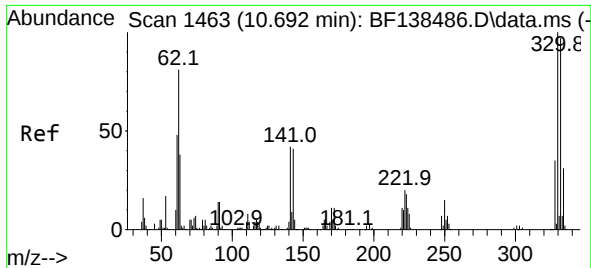
Delta R.T. -0.018 min

Lab File: BF138665.D

Acq: 25 Jul 2024 21:23

Tgt Ion:164 Resp: 103993
 Ion Ratio Lower Upper
 164 100
 162 98.8 79.0 118.6
 160 45.0 34.4 51.6





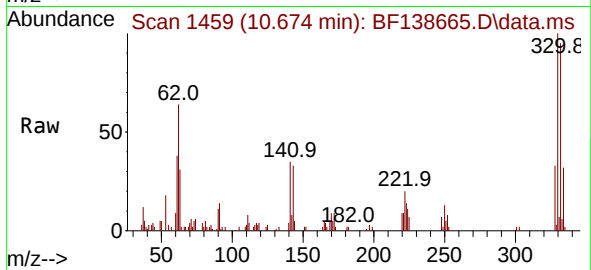
#42
2,4,6-Tribromophenol
Concen: 16.375 ng
RT: 10.674 min Scan# 1463
Delta R.T. -0.018 min
Lab File: BF138665.D
Acq: 25 Jul 2024 21:23

Instrument :

BNA_F

ClientSampleId :

SP-A-COMP

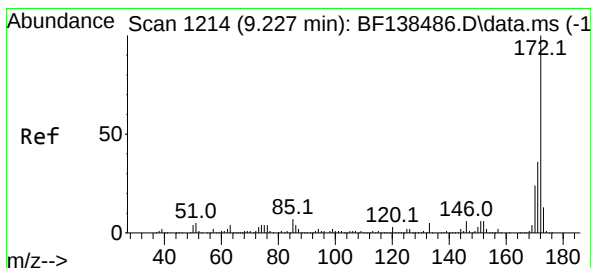
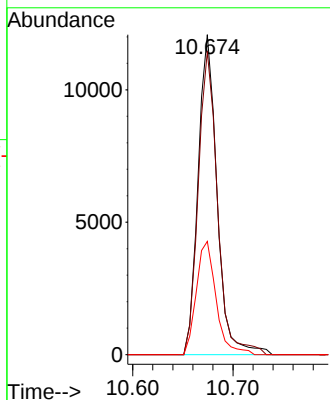
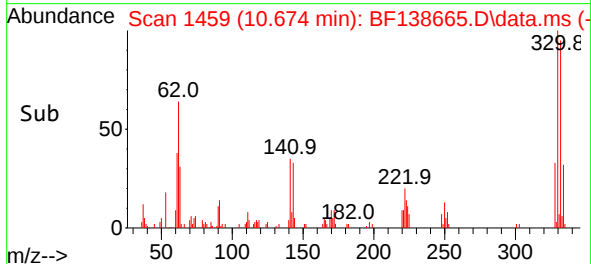


Tgt Ion:330 Resp: 1591
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 37.0 29.4 44.2

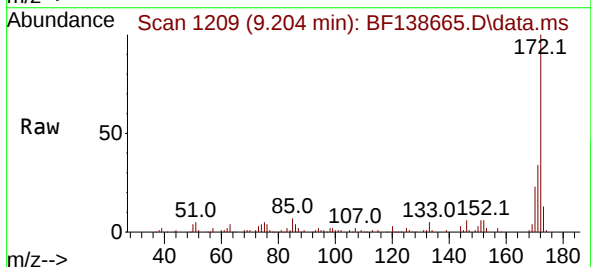
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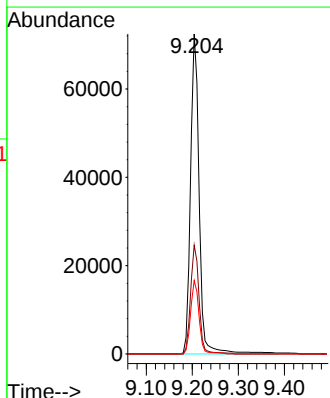
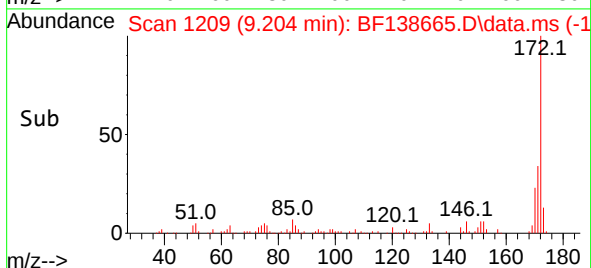
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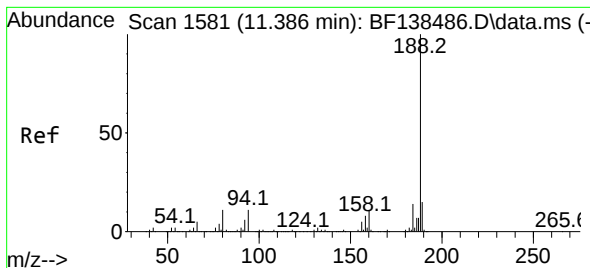


#45
2-Fluorobiphenyl
Concen: 14.203 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.024 min
Lab File: BF138665.D
Acq: 25 Jul 2024 21:23



Tgt Ion:172 Resp: 94504
Ion Ratio Lower Upper
172 100
171 34.0 28.9 43.3
170 22.9 18.9 28.3





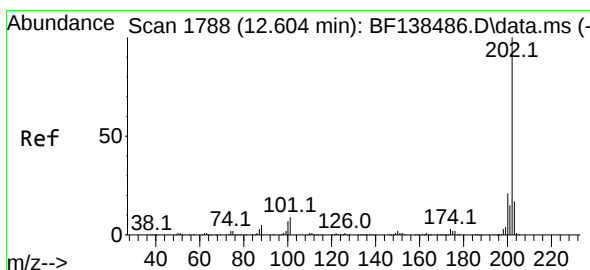
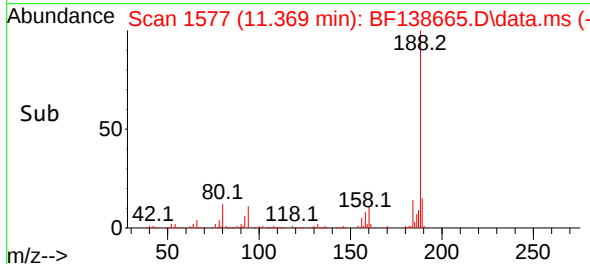
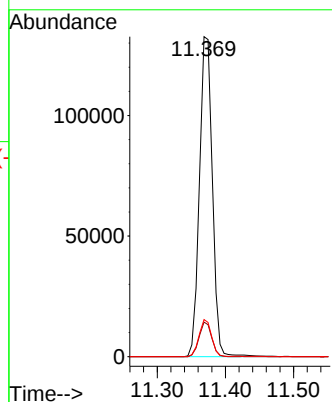
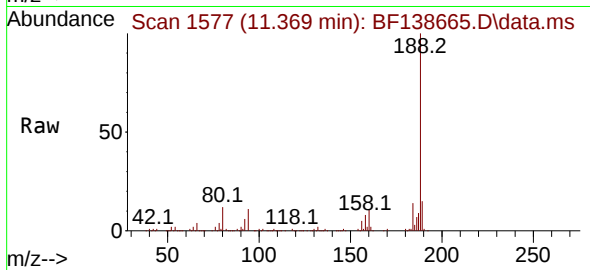
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138665.D
Acq: 25 Jul 2024 21:23

Instrument :
BNA_F
ClientSampleId :
SP-A-COMP

Tgt Ion:188 Resp: 17493
Ion Ratio Lower Upper
188 100
94 10.8 8.7 13.1
80 11.6 9.0 13.4

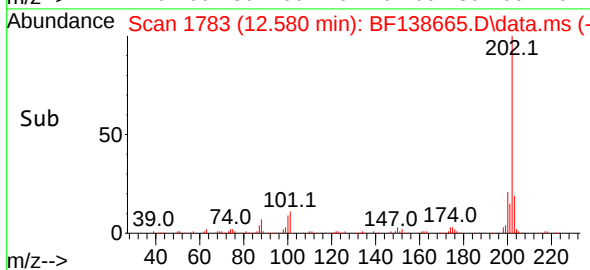
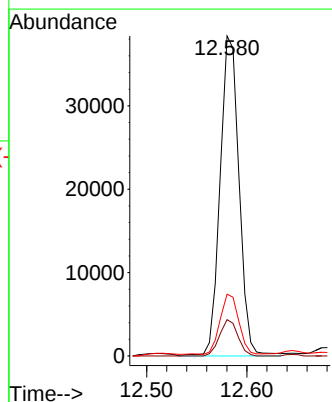
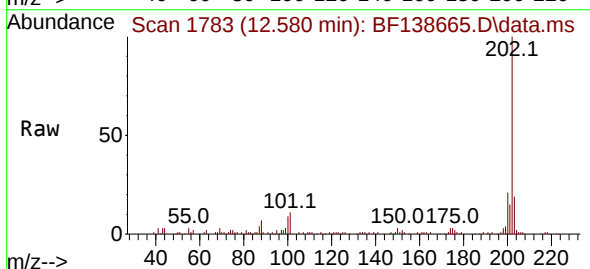
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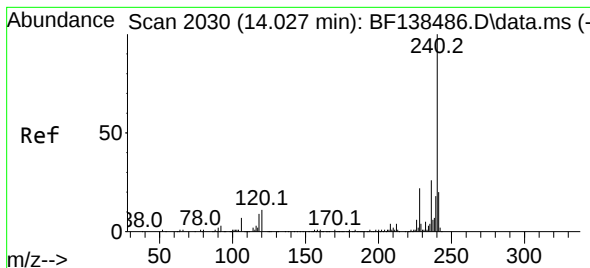
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#75
Fluoranthene
Concen: 5.588 ng
RT: 12.580 min Scan# 1783
Delta R.T. -0.024 min
Lab File: BF138665.D
Acq: 25 Jul 2024 21:23

Tgt Ion:202 Resp: 50394
Ion Ratio Lower Upper
202 100
101 11.3 0.0 29.2
203 19.3 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2030

Delta R.T. -0.018 min

Lab File: BF138665.D

Acq: 25 Jul 2024 21:23

Instrument :

BNA_F

ClientSampleId :

SP-A-COMP

Tgt Ion:240 Resp: 12438

Ion Ratio Lower Upper

240 100

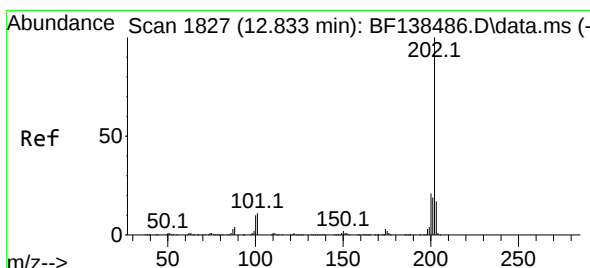
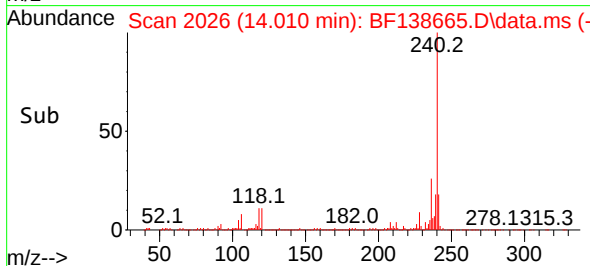
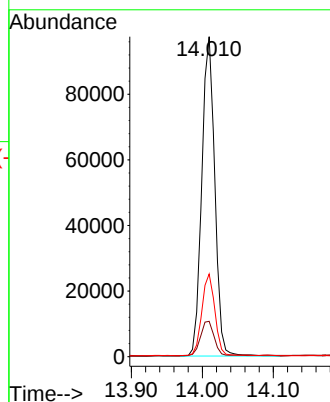
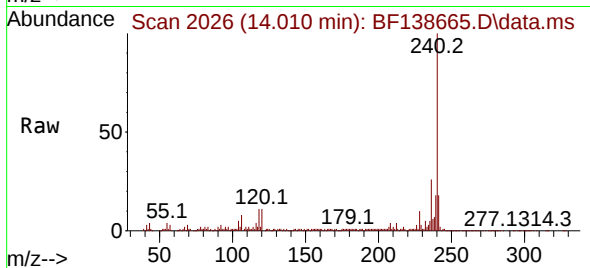
120 11.1 8.6 12.8

236 25.8 21.0 31.6

Manual Integrations

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#78

Pyrene

Concen: 4.040 ng

RT: 12.810 min Scan# 1822

Delta R.T. -0.024 min

Lab File: BF138665.D

Acq: 25 Jul 2024 21:23

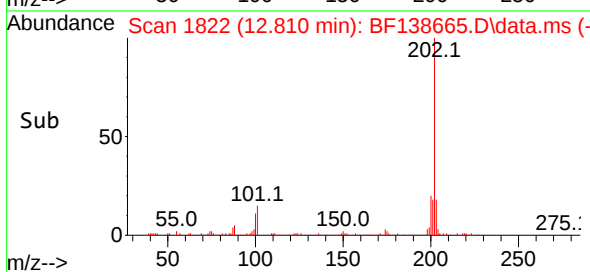
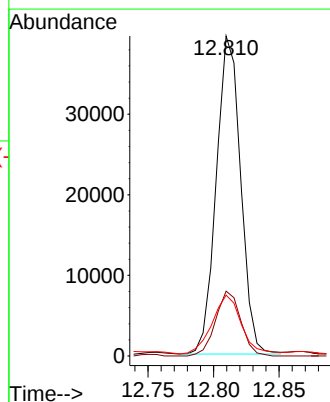
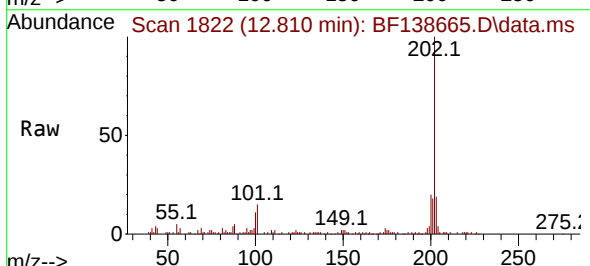
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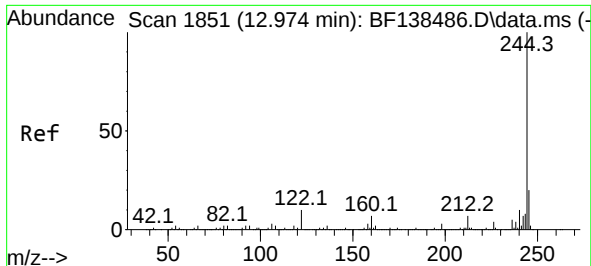
Ion Ratio Lower Upper

202 100

200 20.2 17.0 25.6

203 19.0 13.7 20.5





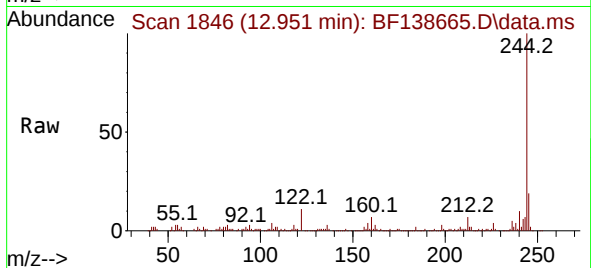
#79
 Terphenyl-d14
 Concen: 12.238 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. -0.024 min
 Lab File: BF138665.D
 Acq: 25 Jul 2024 21:23

Instrument :

BNA_F

ClientSampleId :

SP-A-COMP

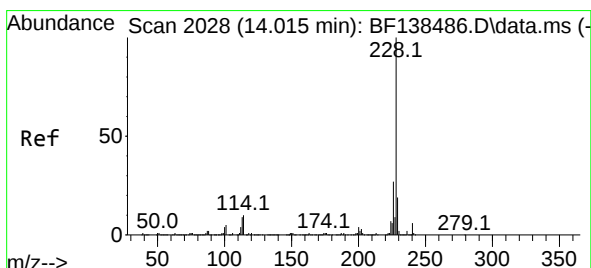
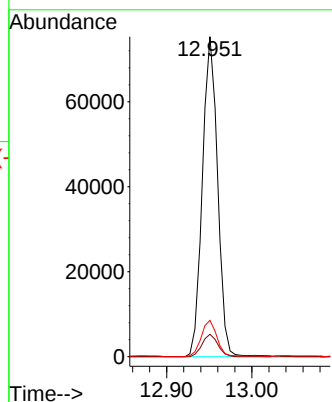
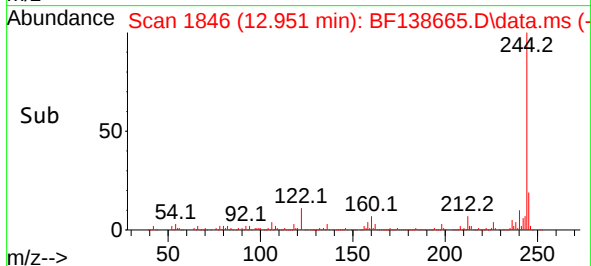


Tgt Ion:244 Resp: 9343
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 11.3 7.8 11.8

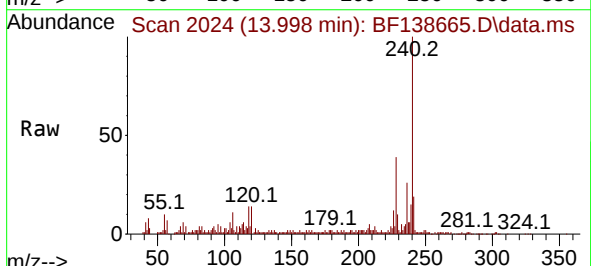
Manual Integrations

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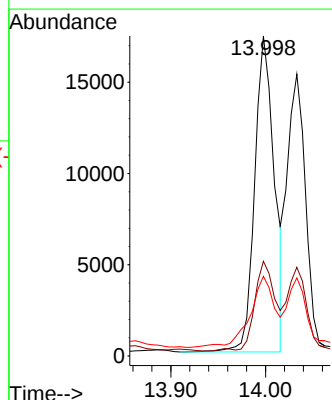
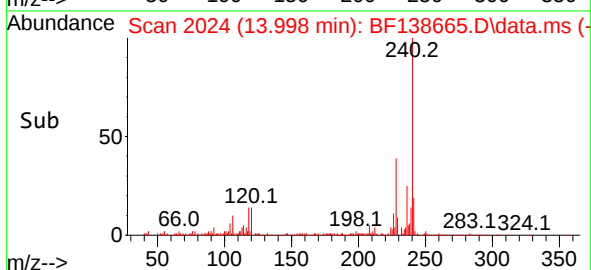
Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024

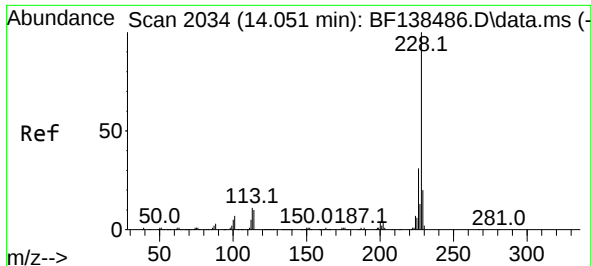


#81
 Benzo(a)anthracene
 Concen: 2.995 ng
 RT: 13.998 min Scan# 2024
 Delta R.T. -0.018 min
 Lab File: BF138665.D
 Acq: 25 Jul 2024 21:23



Tgt Ion:228 Resp: 25001
 Ion Ratio Lower Upper
 228 100
 226 29.6 21.9 32.9
 229 24.9 15.5 23.3#





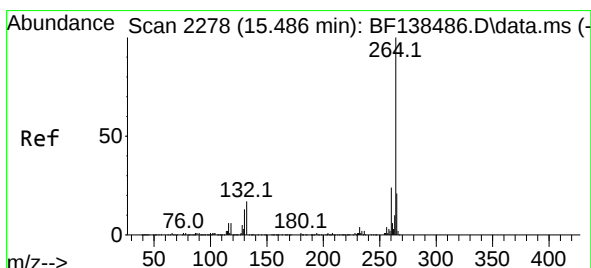
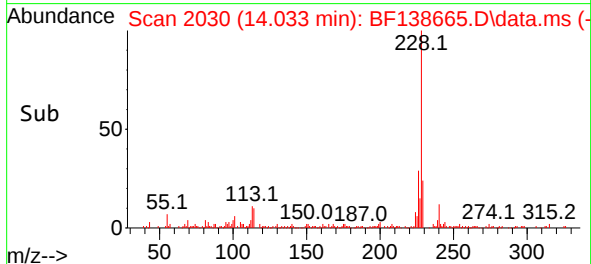
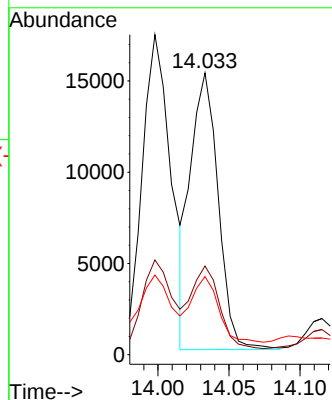
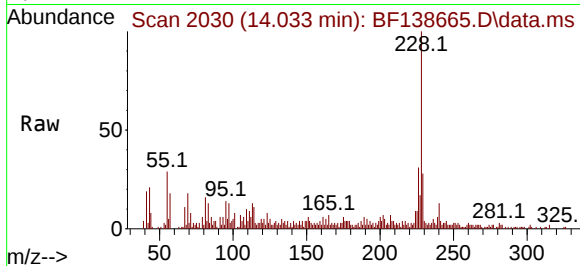
#83
Chrysene
Concen: 2.596 ng
RT: 14.033 min Scan# 2034
Delta R.T. -0.018 min
Lab File: BF138665.D
Acq: 25 Jul 2024 21:23

Instrument :
BNA_F
ClientSampleId :
SP-A-COMP

Tgt Ion:228 Resp: 2049
Ion Ratio Lower Upper
228 100
226 31.5 24.4 36.6
229 27.7 16.0 24.0

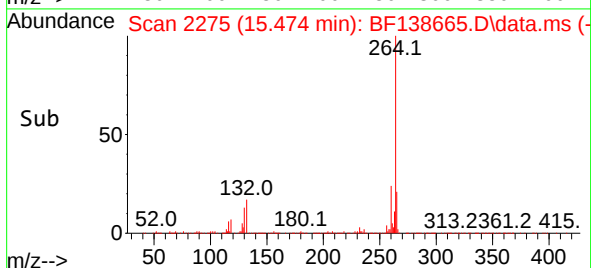
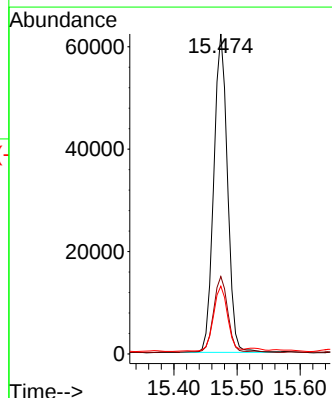
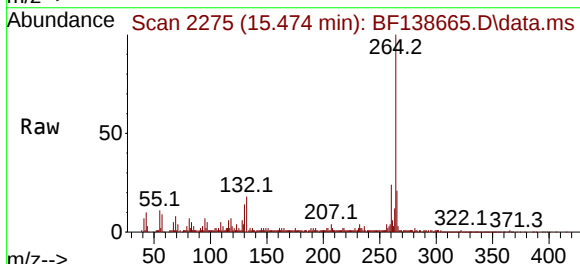
Manual Integrations
APPROVED

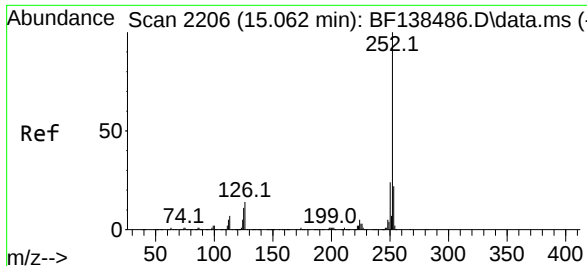
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2275
Delta R.T. -0.012 min
Lab File: BF138665.D
Acq: 25 Jul 2024 21:23

Tgt Ion:264 Resp: 93977
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 21.2 17.0 25.4





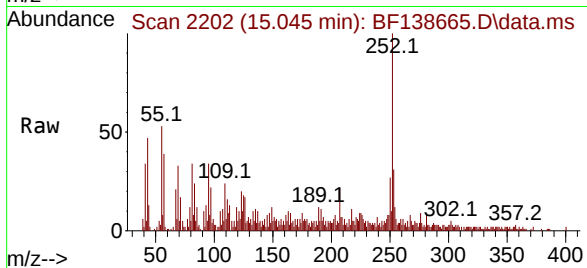
#88
Benzo(b)fluoranthene
Concen: 4.131 ng m
RT: 15.045 min Scan# 2186
Delta R.T. -0.018 min
Lab File: BF138665.D
Acq: 25 Jul 2024 21:23

Instrument :

BNA_F

ClientSampleId :

SP-A-COMP

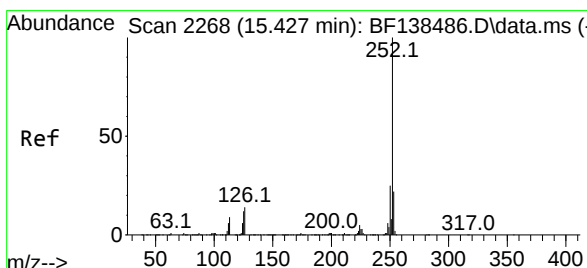
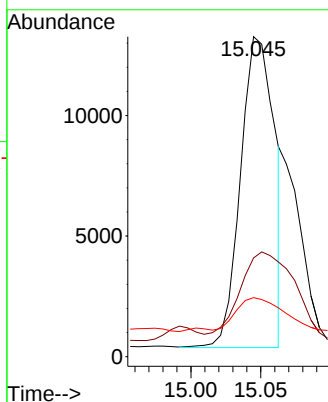
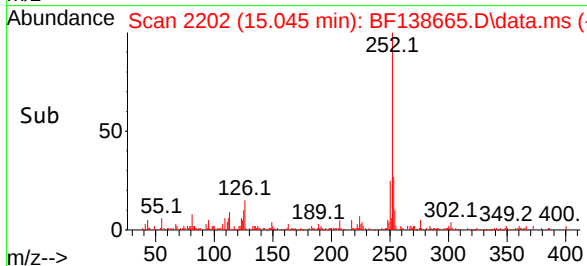


Tgt Ion:252 Resp: 2186
Ion Ratio Lower Upper
252 100
253 30.9 17.3 25.9
125 18.4 8.6 13.0

Manual Integrations

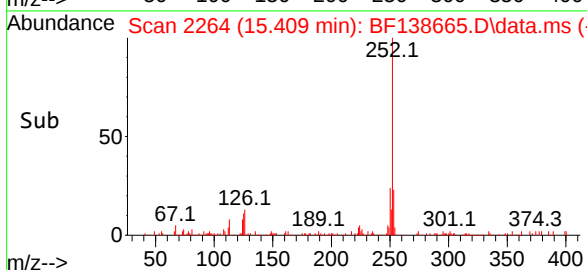
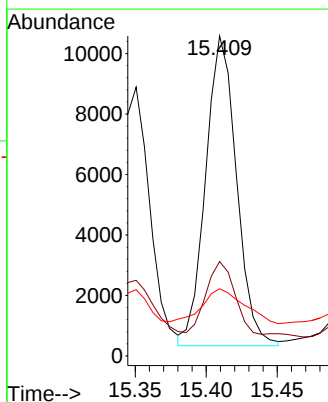
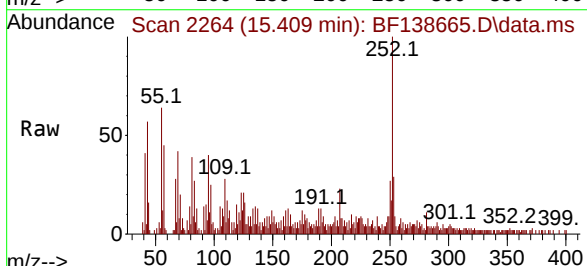
APPROVED

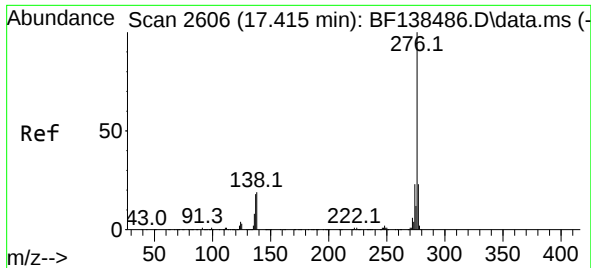
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#90
Benzo(a)pyrene
Concen: 3.334 ng
RT: 15.409 min Scan# 2264
Delta R.T. -0.018 min
Lab File: BF138665.D
Acq: 25 Jul 2024 21:23

Tgt Ion:252 Resp: 15500
Ion Ratio Lower Upper
252 100
253 29.5 17.4 26.0#
125 21.0 9.4 14.2#





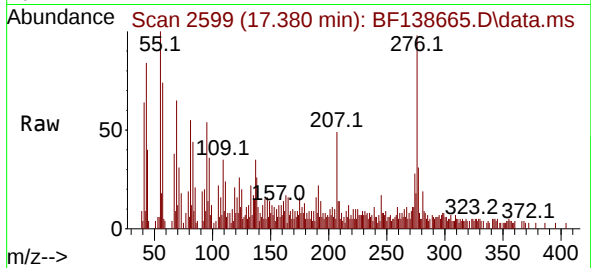
#92
 Benzo(g,h,i)perylene
 Concen: 2.030 ng
 RT: 17.380 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: BF138665.D
 Acq: 25 Jul 2024 21:23

Instrument :

BNA_F

ClientSampleId :

SP-A-COMP



Tgt Ion:276 Resp: 11110
 Ion Ratio Lower Upper
 276 100
 277 31.9 18.0 27.0
 138 26.8 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024

