

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
 Data File : BF138554.D
 Acq On : 12 Jul 2024 19:06
 Operator : CG\JU
 Sample : P3207-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR2520700

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 12 23:13:23 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	6.863	152	86718	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	319095	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	141938	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	176717	20.000	ng	# 0.00
76) Chrysene-d12	14.021	240	174775	20.000	ng	0.00
86) Perylene-d12	15.486	264	137625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	457847	83.618	ng	0.00
7) Phenol-d6	6.498	99	600401	82.428	ng	0.00
23) Nitrobenzene-d5	7.428	82	386847	59.522	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	93989	70.852	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	635454	69.971	ng	0.00
79) Terphenyl-d14	12.968	244	499204	46.532	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.269	107	58409	9.775	ng	# 48
71) Phenanthrene	11.410	178	33039	3.701	ng	# 72
75) Fluoranthene	12.604	202	77123	8.466	ng	95
78) Pyrene	12.833	202	74690	4.210	ng	# 95
81) Benzo(a)anthracene	14.010	228	47777	4.074	ng	# 91
83) Chrysene	14.045	228	45878	4.135	ng	95
88) Benzo(b)fluoranthene	15.057	252	52474m	6.770	ng	
90) Benzo(a)pyrene	15.421	252	30378	4.462	ng	# 91
92) Benzo(g,h,i)perylene	17.386	276	16343m	2.038	ng	

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

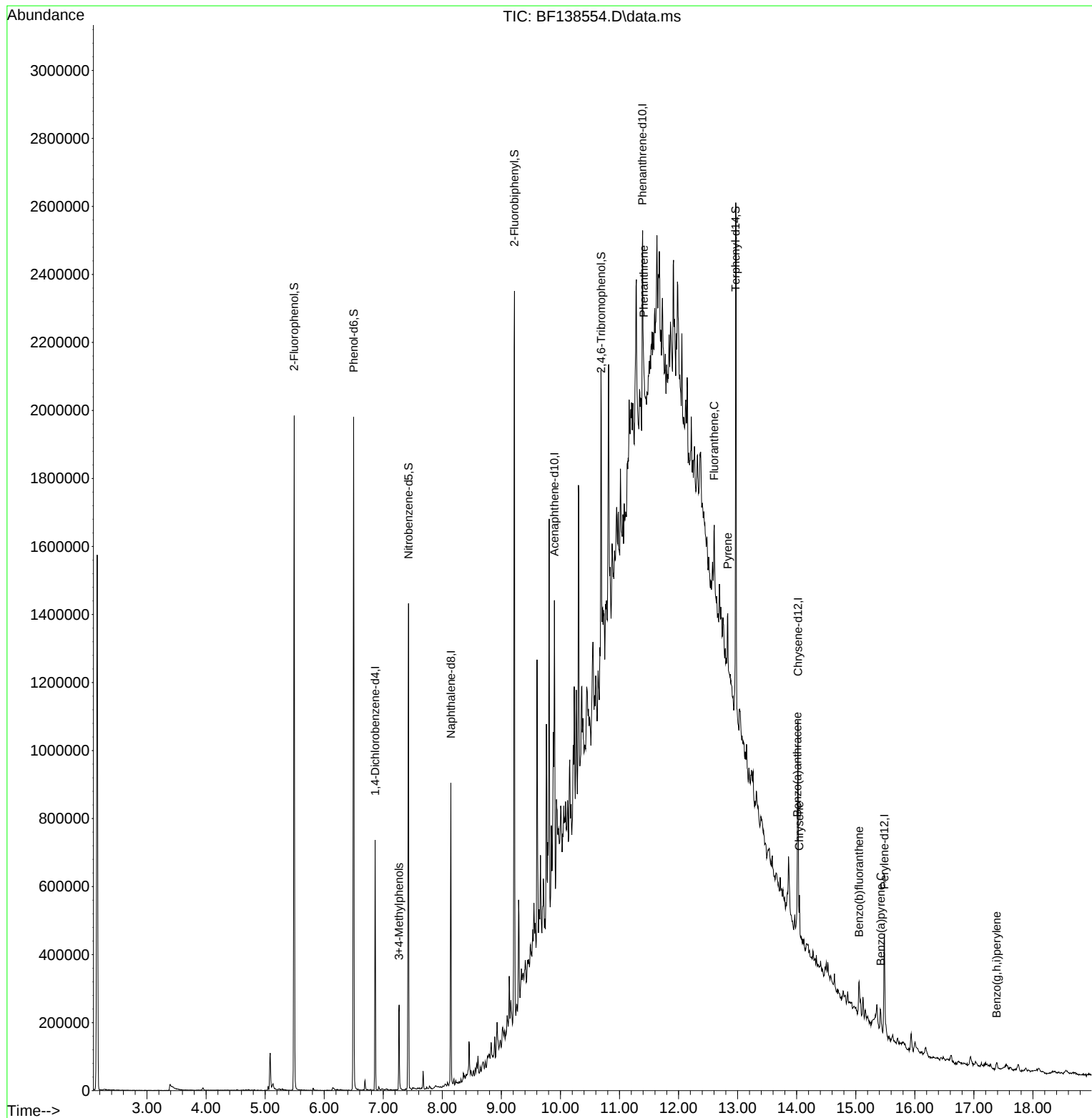
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
Data File : BF138554.D
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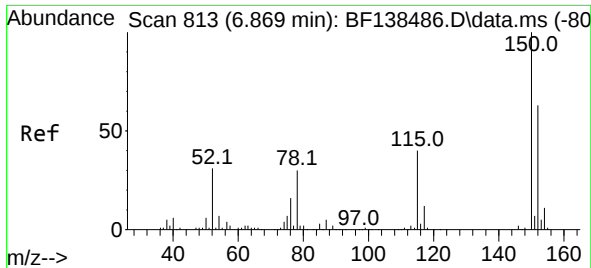
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QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

Instrument :

BNA_F

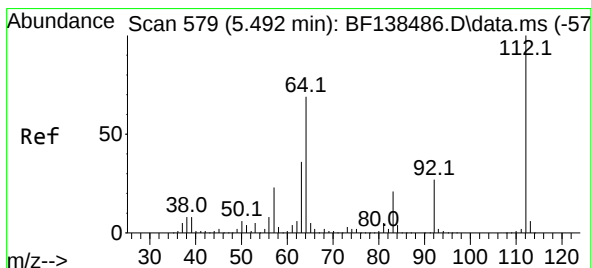
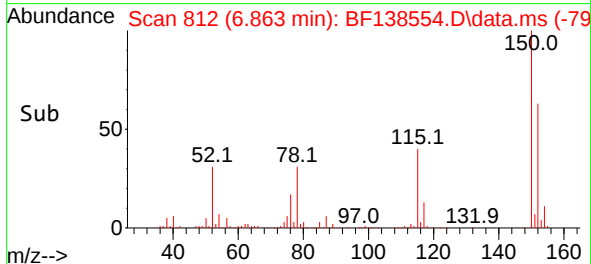
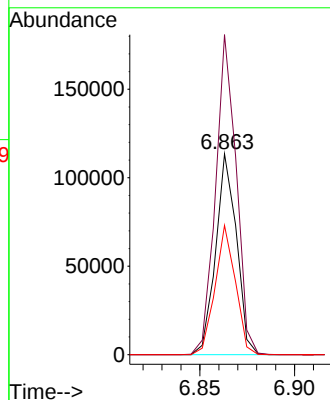
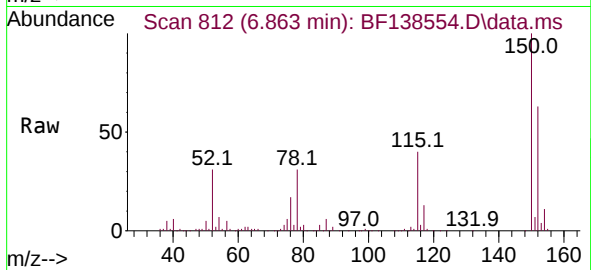
ClientSampleId :

RBR2520700

Tgt Ion:152 Resp: 86718
Ion Ratio Lower Upper
152 100
150 159.4 126.2 189.4
115 64.4 50.3 75.5

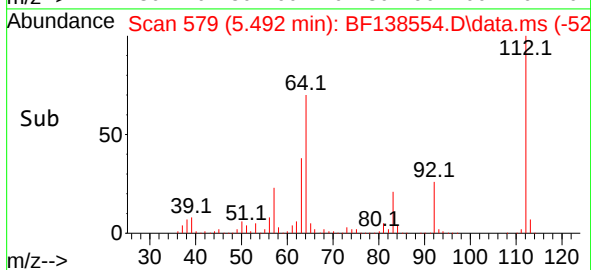
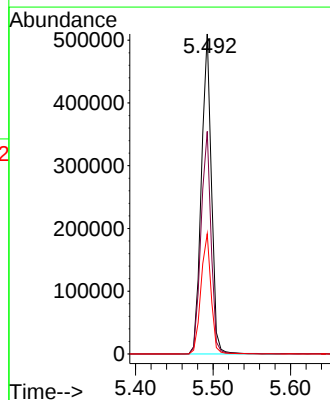
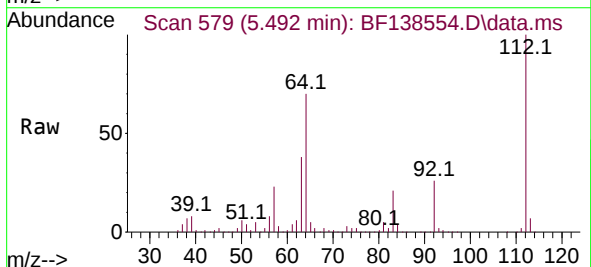
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Supervised By :mohammad ahmed 07/19/2024



#5
2-Fluorophenol
Concen: 83.618 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

Tgt Ion:112 Resp: 457847
Ion Ratio Lower Upper
112 100
64 69.6 55.1 82.7
63 37.5 29.0 43.6





#7
Phenol-d6
Concen: 82.428 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

Instrument :

BNA_F

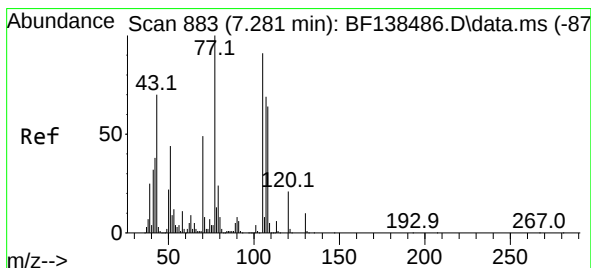
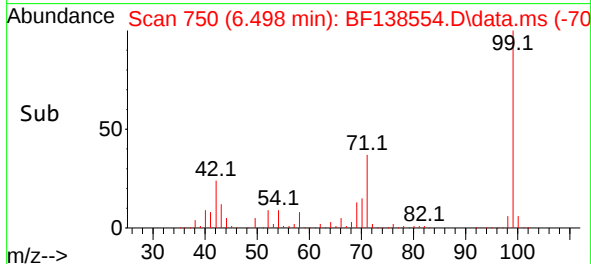
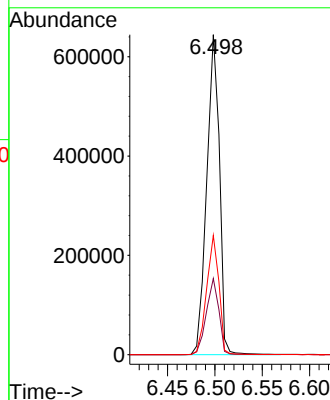
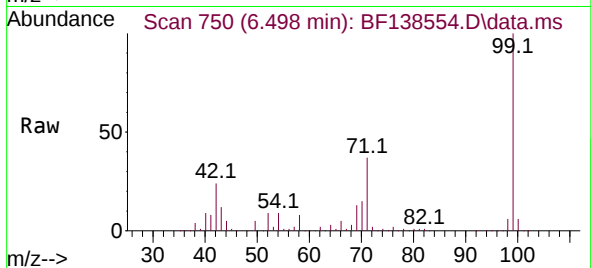
ClientSampleId :

RBR2520700

Tgt Ion: 99 Resp: 60040
Ion Ratio Lower Upper
99 100
42 23.8 19.7 29.5
71 37.2 29.9 44.9

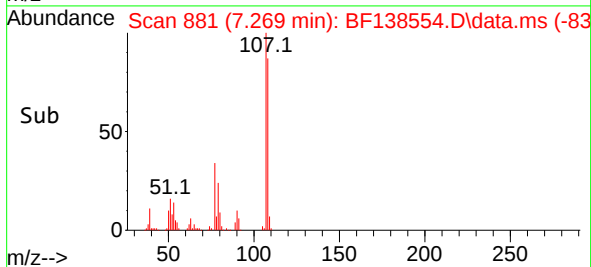
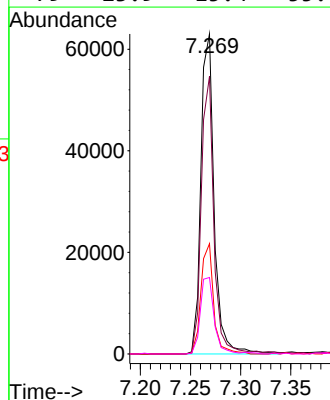
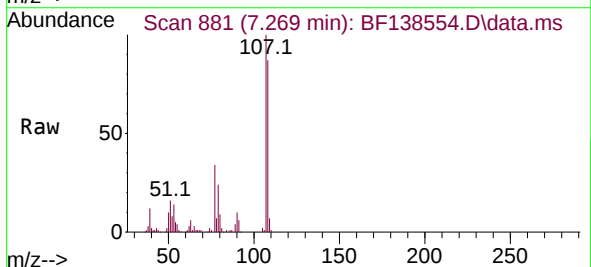
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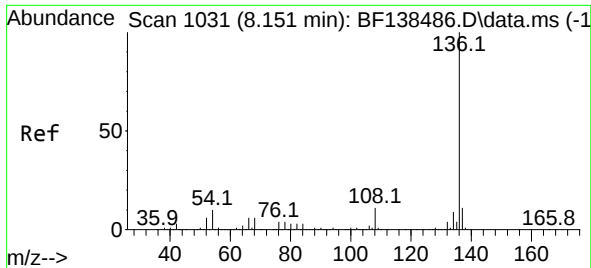
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024



#20
3+4-Methylphenols
Concen: 9.775 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

Tgt Ion:107 Resp: 58409
Ion Ratio Lower Upper
107 100
108 86.8 73.7 113.7
77 34.5 126.0 166.0#
79 23.9 15.4 55.4





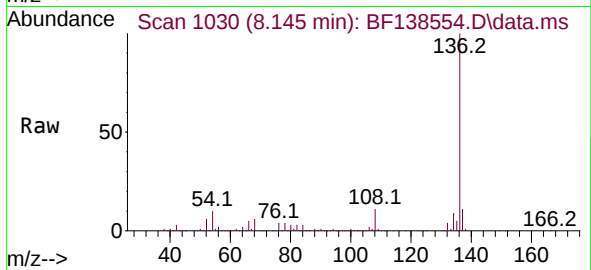
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

RBR2520700



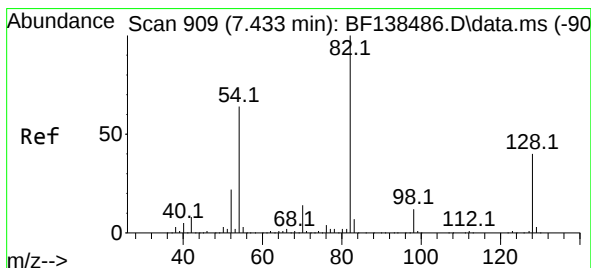
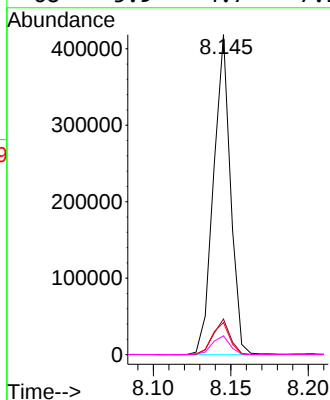
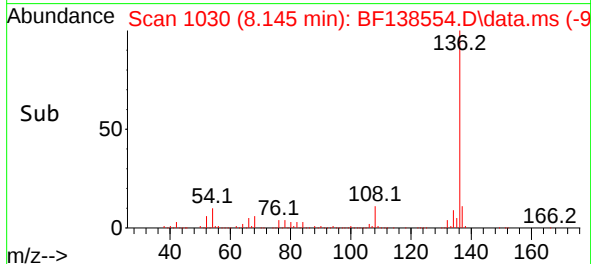
Tgt Ion:136 Resp: 319095
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 10.0 8.1 12.1
68 5.9 4.7 7.1

Manual Integrations

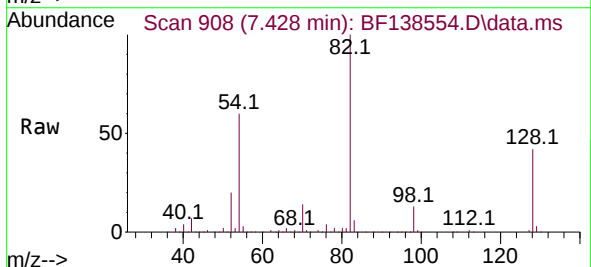
APPROVED

Reviewed By :Yogesh Patel 07/13/2024

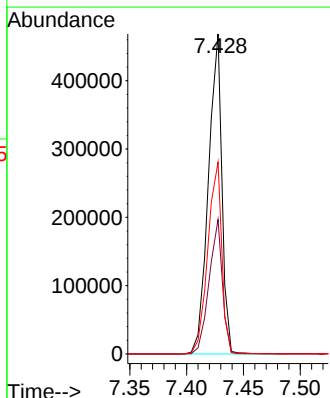
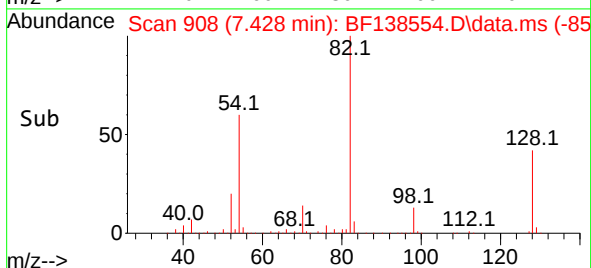
Supervised By :mohammad ahmed 07/19/2024

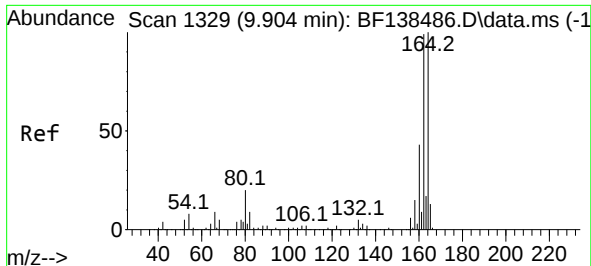


#23
Nitrobenzene-d5
Concen: 59.522 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06



Tgt Ion: 82 Resp: 386847
Ion Ratio Lower Upper
82 100
128 42.1 32.3 48.5
54 59.9 51.4 77.0





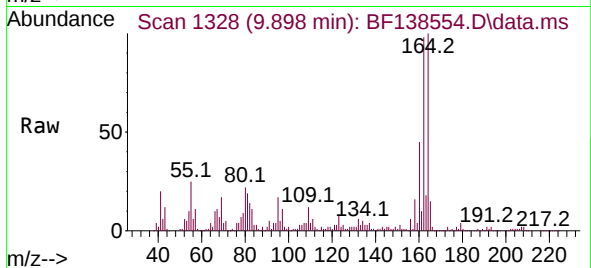
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

Instrument :

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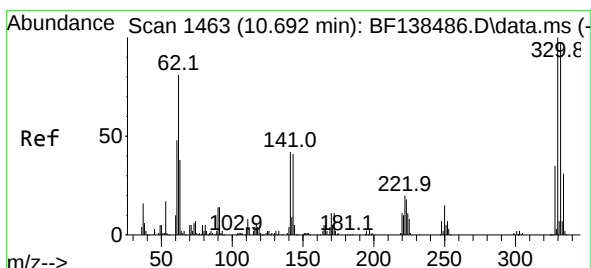
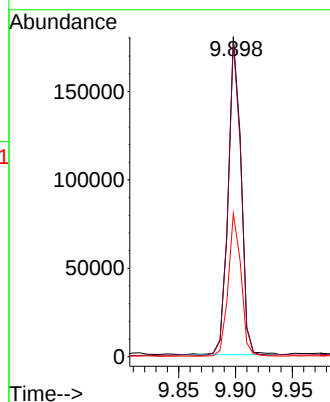
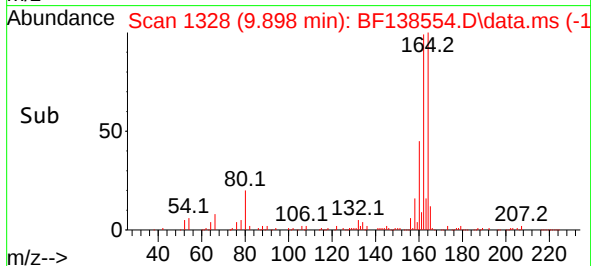
Tgt Ion:164 Resp: 141938
Ion Ratio Lower Upper
164 100
162 98.4 79.0 118.6
160 44.7 34.4 51.6

Manual Integrations

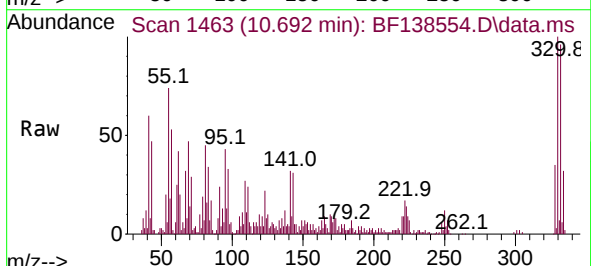
APPROVED

Reviewed By :Yogesh Patel 07/13/2024

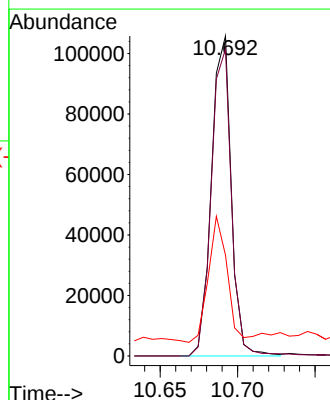
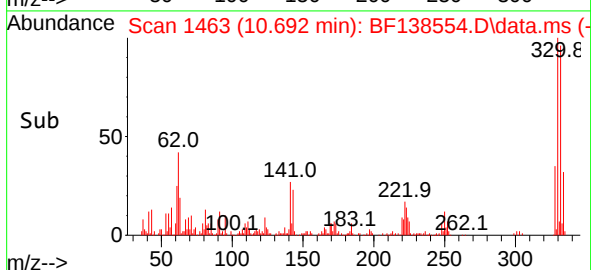
Supervised By :mohammad ahmed 07/19/2024

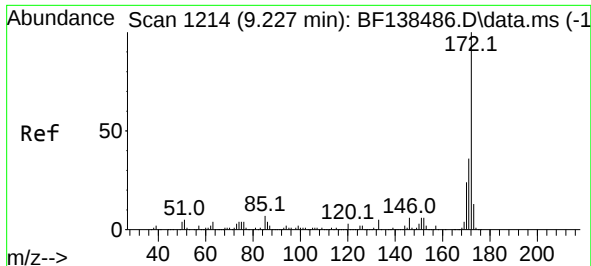


#42
2,4,6-Tribromophenol
Concen: 70.852 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06



Tgt Ion:330 Resp: 93989
Ion Ratio Lower Upper
330 100
332 98.3 76.8 115.2
141 37.8 29.4 44.2





#45
2-Fluorobiphenyl
Concen: 69.971 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

Instrument :

BNA_F

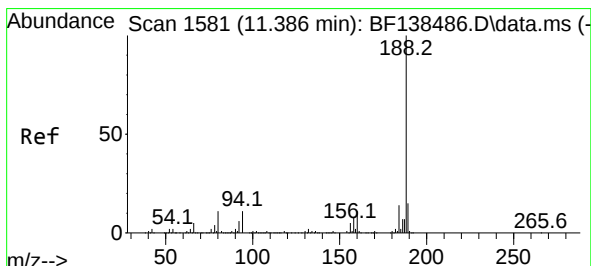
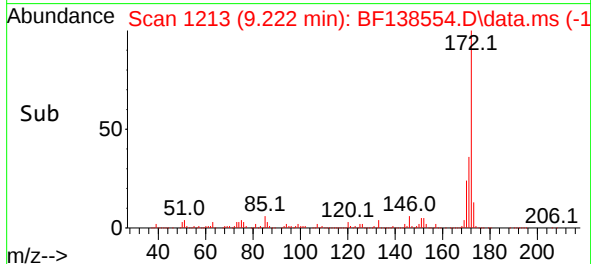
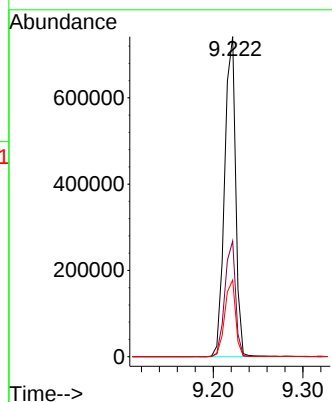
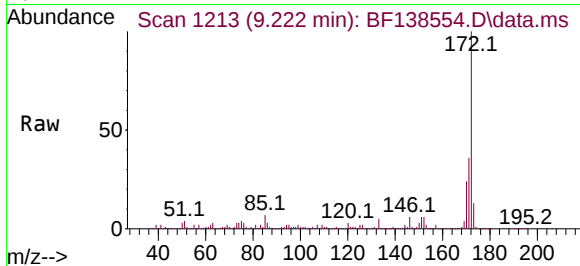
ClientSampleId :

RBR2520700

Tgt Ion:172 Resp: 635454
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 24.0 18.9 28.3

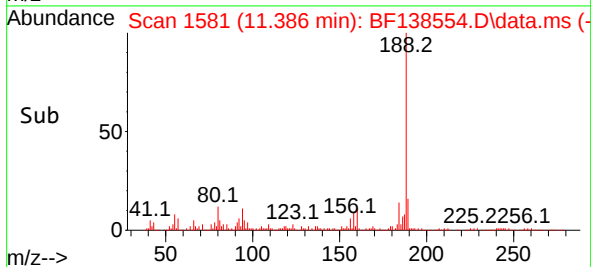
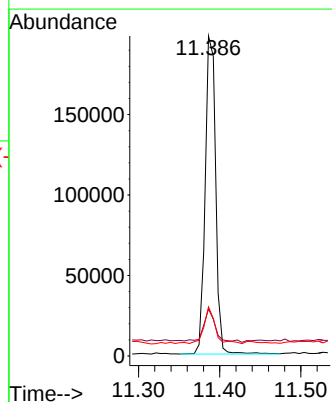
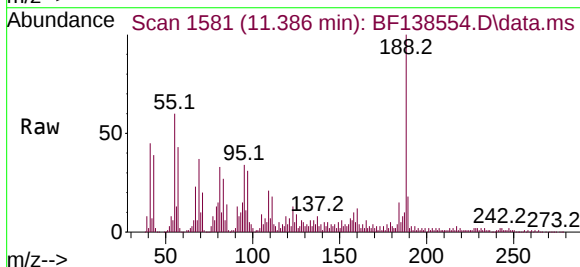
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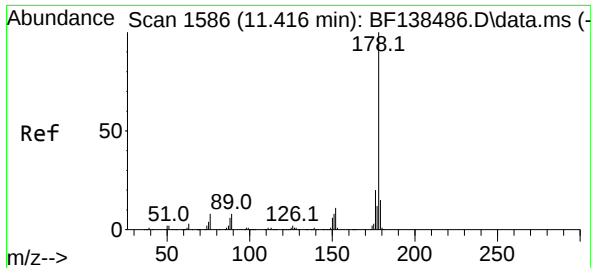
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

Tgt Ion:188 Resp: 176717
Ion Ratio Lower Upper
188 100
94 14.7 8.7 13.1#
80 15.4 9.0 13.4#





#71
Phenanthrene
Concen: 3.701 ng
RT: 11.410 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

RBR2520700

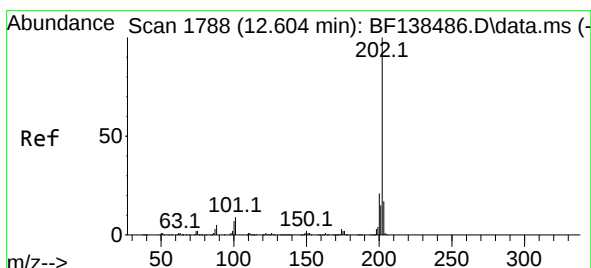
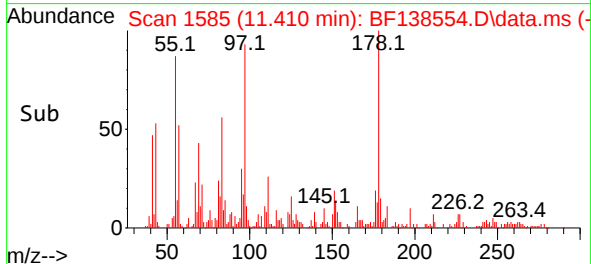
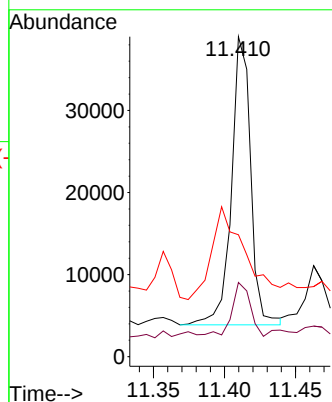
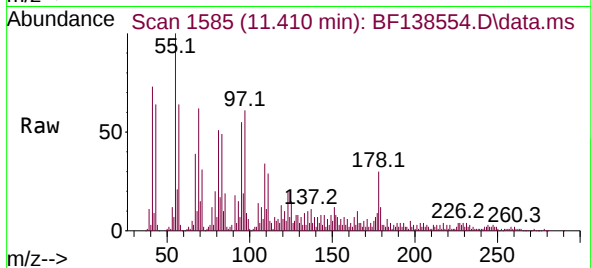
Tgt Ion:178 Resp: 33039
Ion Ratio Lower Upper
178 100
176 23.2 15.7 23.5
179 38.1 12.2 18.2

Manual Integrations

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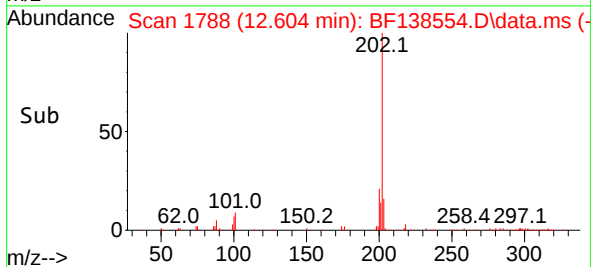
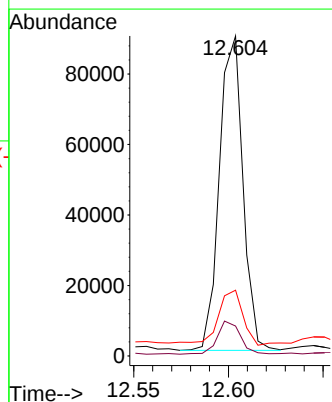
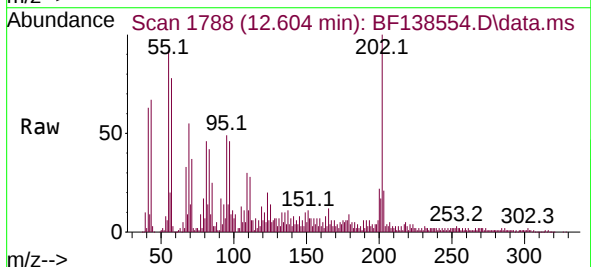
Reviewed By :Yogesh Patel 07/13/2024

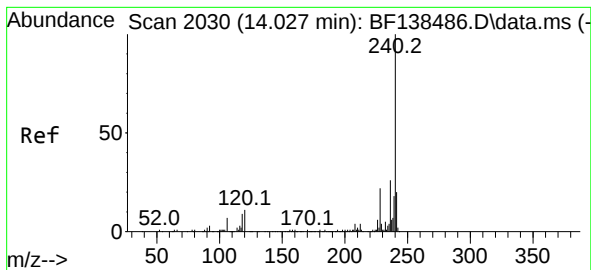
Supervised By :mohammad ahmed 07/19/2024



#75
Fluoranthene
Concen: 8.466 ng
RT: 12.604 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

Tgt Ion:202 Resp: 77123
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.2
203 20.6 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138554.D

Acq: 12 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

RBR2520700

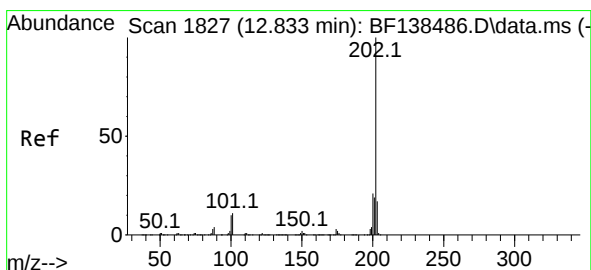
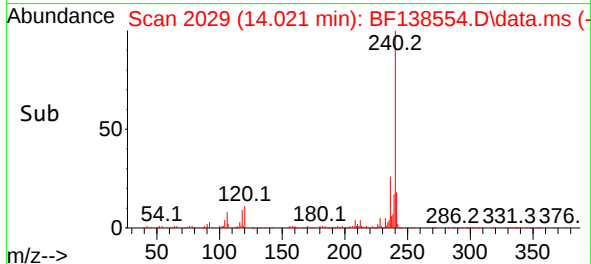
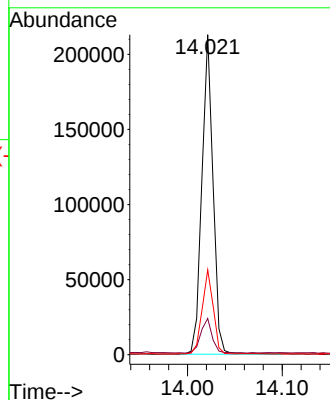
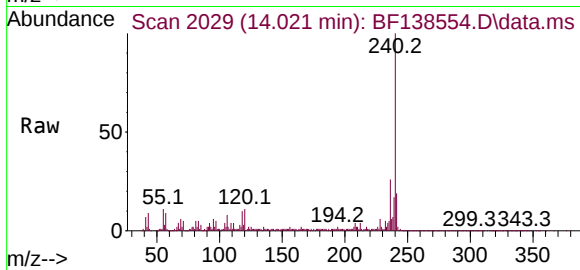
Tgt Ion:	240	Resp:	174775
Ion Ratio	Lower	Upper	
240	100		
120	11.3	8.6	12.8
236	26.5	21.0	31.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/19/2024



#78

Pyrene

Concen: 4.210 ng

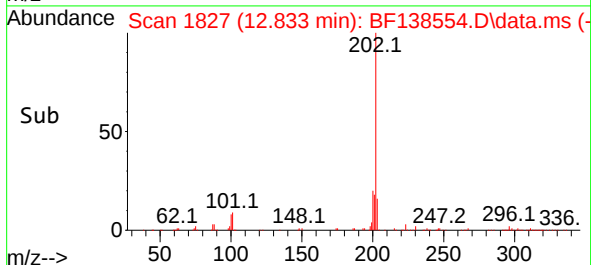
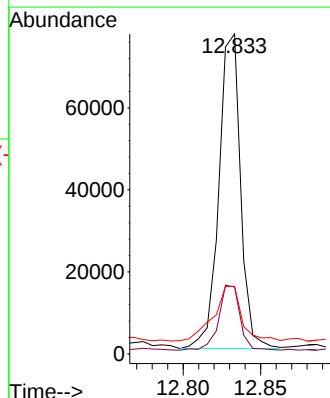
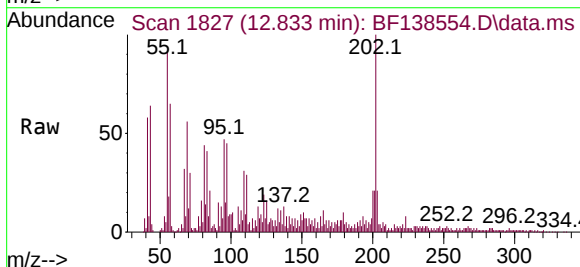
RT: 12.833 min Scan# 1827

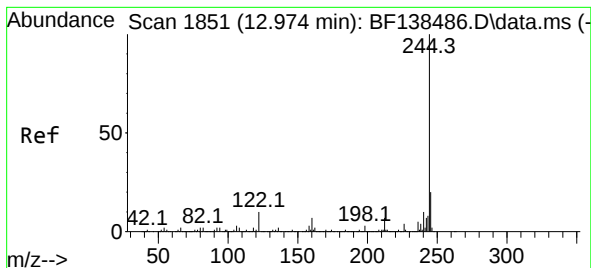
Delta R.T. 0.000 min

Lab File: BF138554.D

Acq: 12 Jul 2024 19:06

Tgt Ion:	202	Resp:	74690
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.0	25.6
203	21.1	13.7	20.5





#79

Terphenyl-d14

Concen: 46.532 ng

RT: 12.968 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF138554.D

Acq: 12 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

RBR2520700

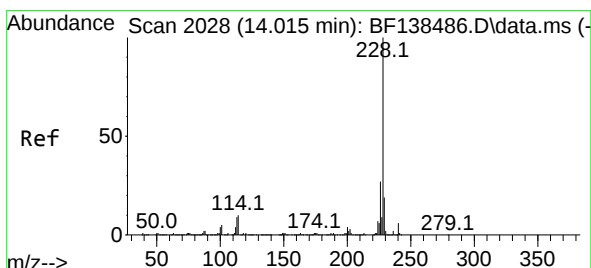
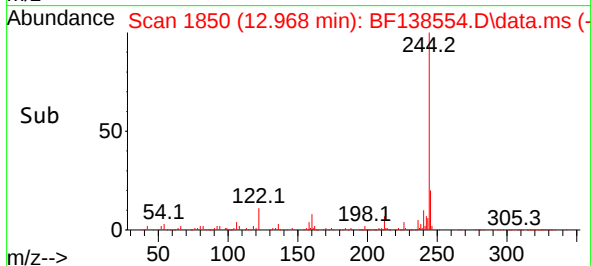
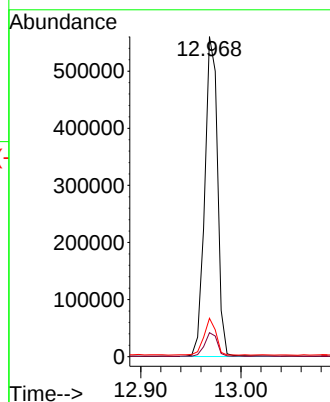
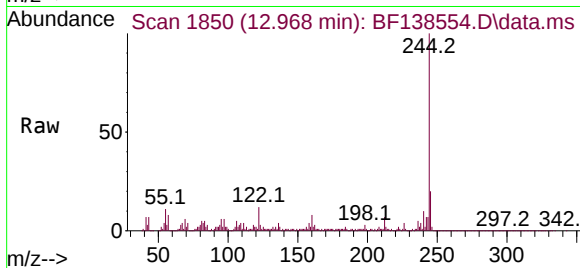
Tgt Ion:244 Resp: 499204
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.5 8.3
 122 12.0 7.8 11.8

Manual Integrations

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Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/19/2024



#81

Benzo(a)anthracene

Concen: 4.074 ng

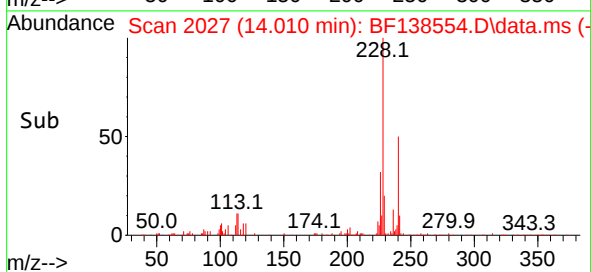
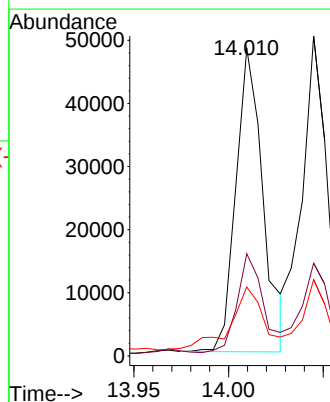
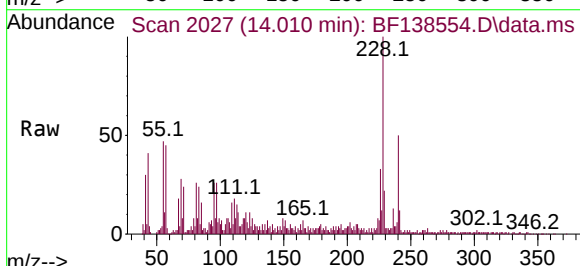
RT: 14.010 min Scan# 2027

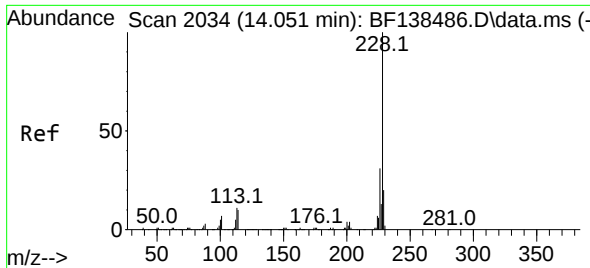
Delta R.T. -0.006 min

Lab File: BF138554.D

Acq: 12 Jul 2024 19:06

Tgt Ion:228 Resp: 47777
 Ion Ratio Lower Upper
 228 100
 226 33.2 21.9 32.9#
 229 22.4 15.5 23.3





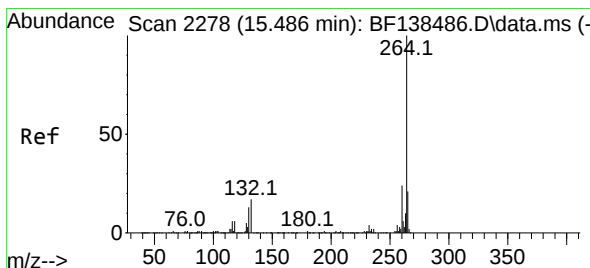
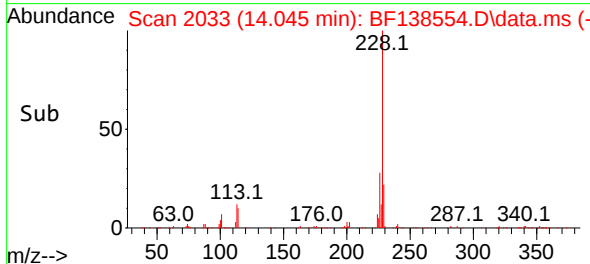
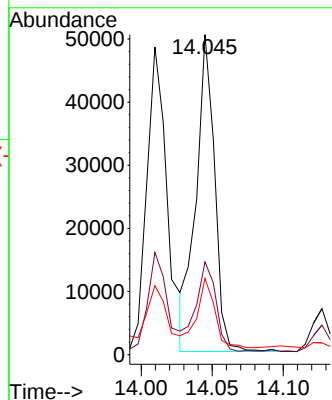
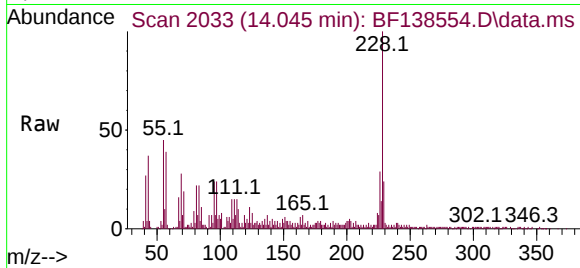
#83
Chrysene
Concen: 4.135 ng
RT: 14.045 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

Instrument :
BNA_F
ClientSampleId :
RBR2520700

Tgt Ion:228 Resp: 45878
Ion Ratio Lower Upper
228 100
226 29.0 24.4 36.6
229 23.8 16.0 24.0

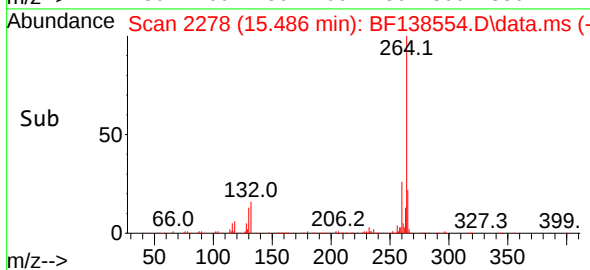
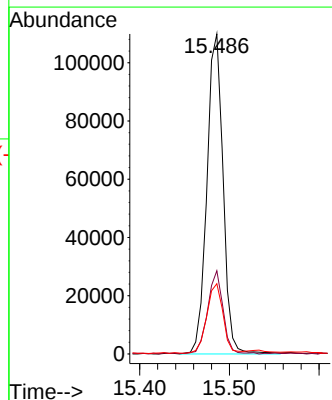
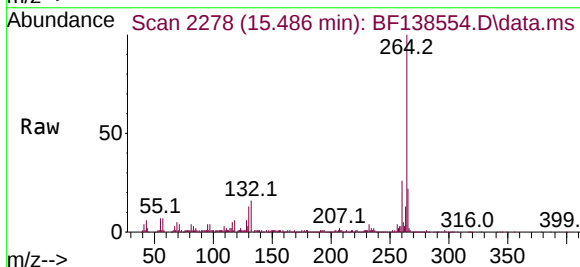
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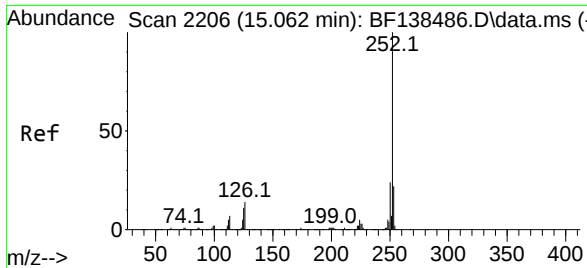
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

Tgt Ion:264 Resp: 137625
Ion Ratio Lower Upper
264 100
260 26.0 19.0 28.6
265 22.0 17.0 25.4





#88
Benzo(b)fluoranthene
Concen: 6.770 ng m
RT: 15.057 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

RBR2520700

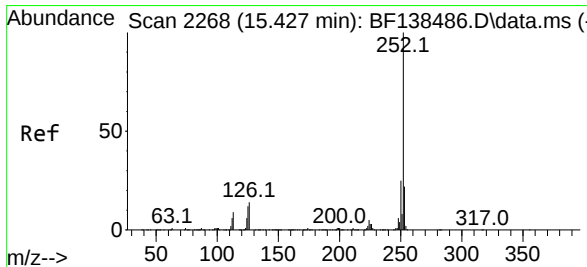
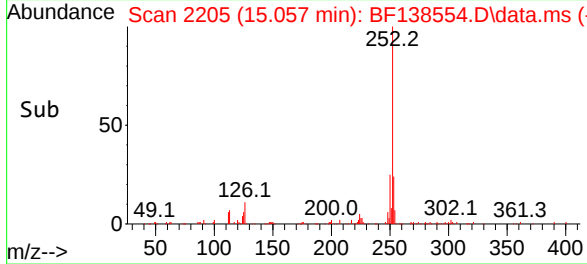
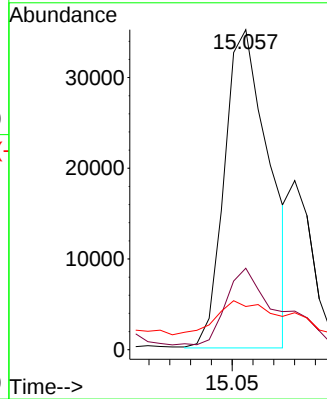
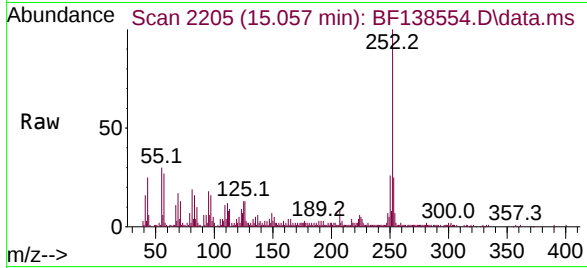
Tgt Ion:252 Resp: 52474
Ion Ratio Lower Upper
252 100
253 25.5 17.3 25.9
125 13.5 8.6 13.0

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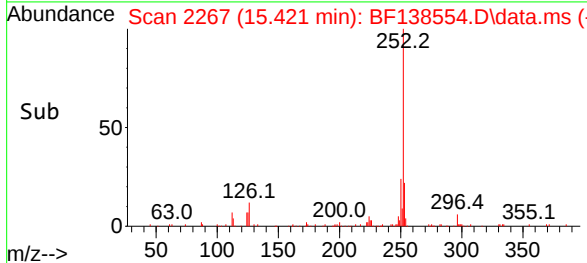
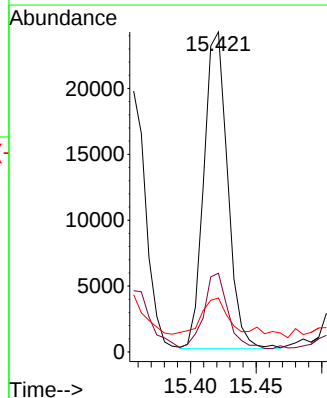
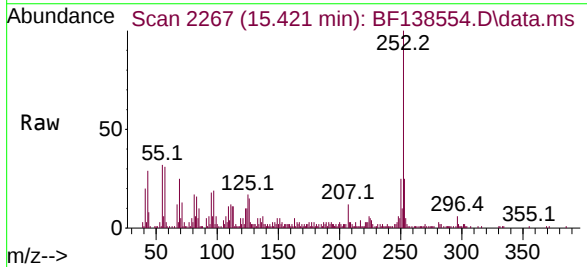
Reviewed By :Yogesh Patel 07/13/2024

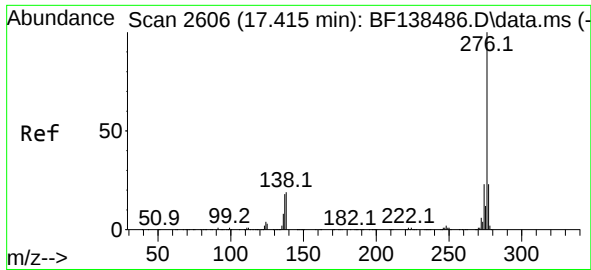
Supervised By :mohammad ahmed 07/19/2024



#90
Benzo(a)pyrene
Concen: 4.462 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BF138554.D
Acq: 12 Jul 2024 19:06

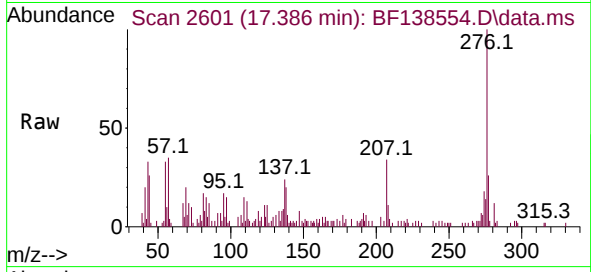
Tgt Ion:252 Resp: 30378
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.0
125 16.9 9.4 14.2





#92
 Benzo(g,h,i)perylene
 Concen: 2.038 ng m
 RT: 17.386 min Scan# 20
 Delta R.T. -0.029 min
 Lab File: BF138554.D
 Acq: 12 Jul 2024 19:06

Instrument :
 BNA_F
 ClientSampleId :
 RBR2520700



Tgt Ion: 276 Resp: 1634

Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.0	27.0
138	20.0	15.5	23.3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/19/2024

