

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
 Data File : BF138319.D
 Acq On : 24 Jun 2024 19:42
 Operator : CG\JU
 Sample : P2997-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-062024

Quant Time: Jun 25 01:17:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/26/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	183856	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	587202	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	260262	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	492480	20.000	ng	0.00
76) Chrysene-d12	14.051	240	328522	20.000	ng	0.00
86) Perylene-d12	15.527	264	291046	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	851533	77.477	ng	0.00
7) Phenol-d6	6.510	99	1005924	72.178	ng	-0.01
23) Nitrobenzene-d5	7.445	82	558389	55.360	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	236248	91.181	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1013593	61.928	ng	-0.01
79) Terphenyl-d14	13.004	244	1314036	63.351	ng	0.00
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	8.881	142	49852	2.616	ng	99
71) Phenanthrene	11.433	178	154609	6.348	ng	99
75) Fluoranthene	12.627	202	363922	14.654	ng	99
78) Pyrene	12.863	202	395063	13.942	ng	97
81) Benzo(a)anthracene	14.039	228	169208	8.028	ng	# 92
83) Chrysene	14.074	228	171915	8.557	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.009	276	76215	4.017	ng	95
88) Benzo(b)fluoranthene	15.092	252	170045m	9.907	ng	
89) Benzo(k)fluoranthene	15.121	252	62658m	3.725	ng	
90) Benzo(a)pyrene	15.463	252	119448	8.101	ng	# 92
92) Benzo(g,h,i)perylene	17.457	276	76370	4.740	ng	# 91

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

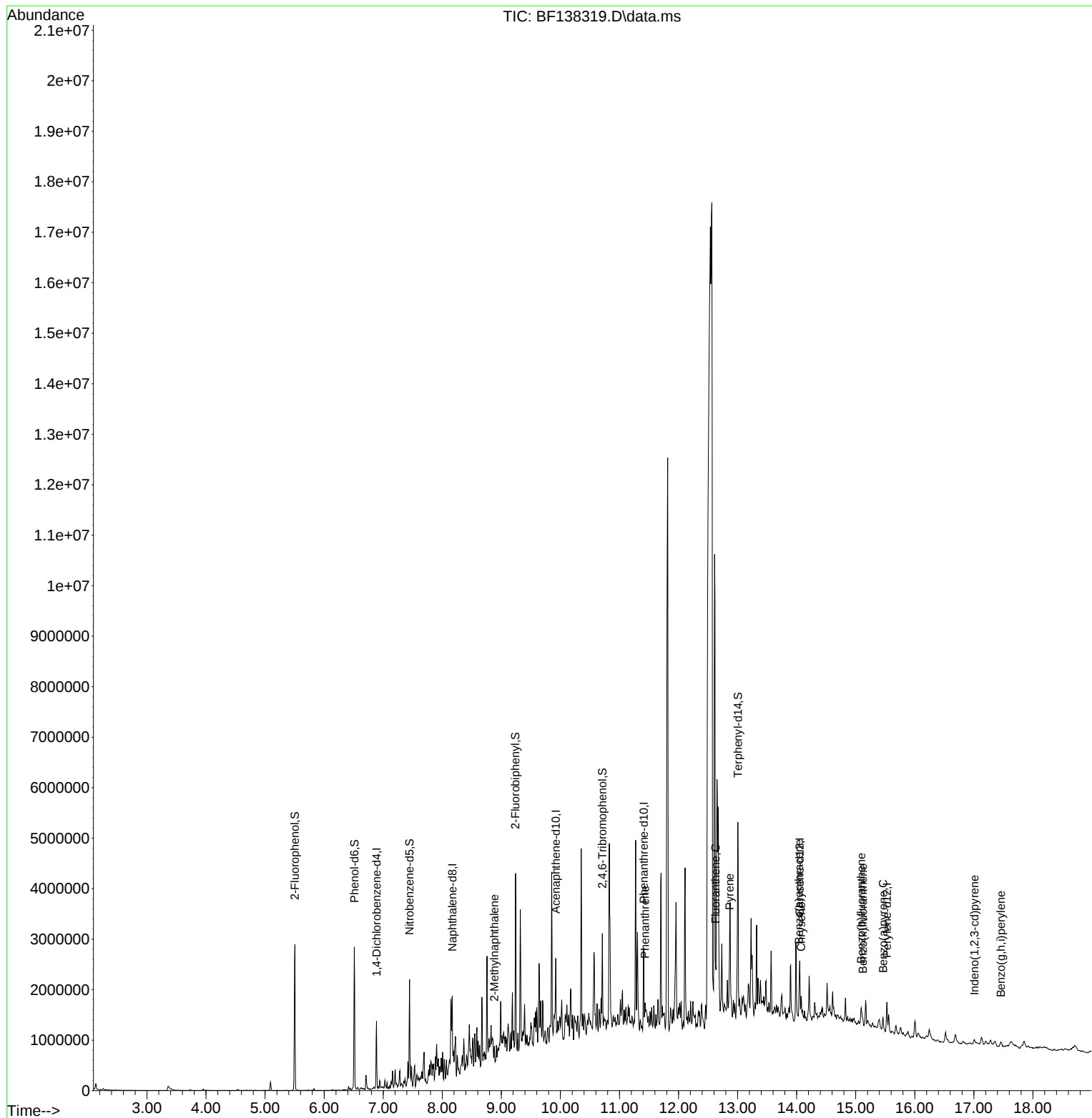
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
Data File : BF138319.D
Acq On : 24 Jun 2024 19:42
Operator : CG\JU
Sample : P2997-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

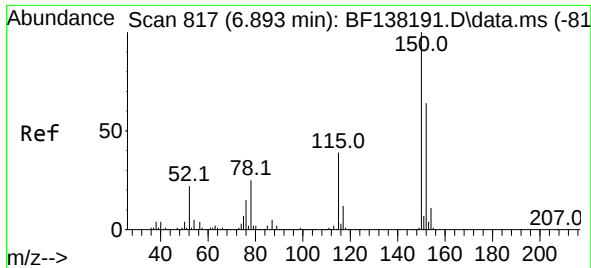
Instrument :
BNA_F
ClientSampleId :
TR-06-062024

Quant Time: Jun 25 01:17:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
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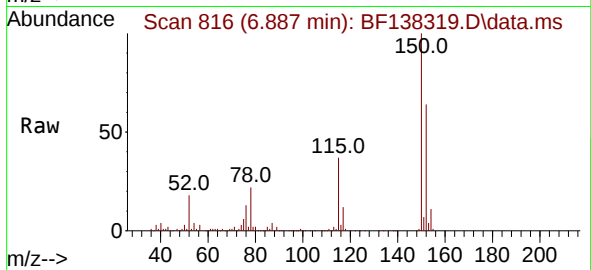
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Supervised By :mohammad ahmed 06/26/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF138319.D
Acq: 24 Jun 2024 19:42

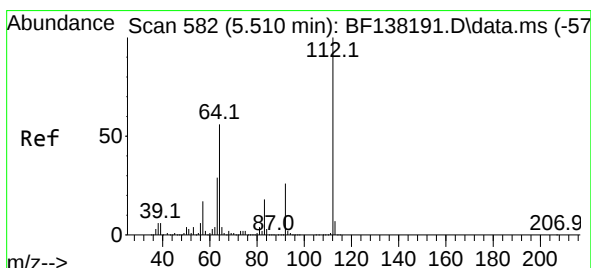
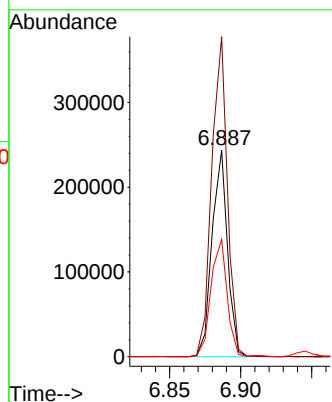
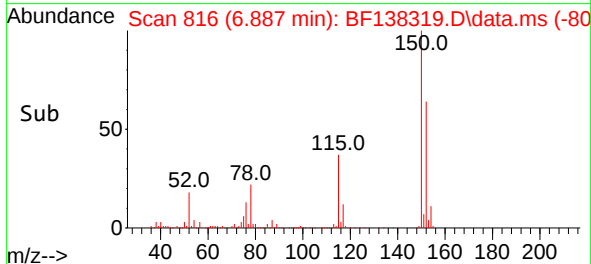
Instrument :
BNA_F
ClientSampleId :
TR-06-062024



Tgt Ion:152 Resp: 183850
Ion Ratio Lower Upper
152 100
150 155.1 125.0 187.4
115 56.8 48.4 72.6

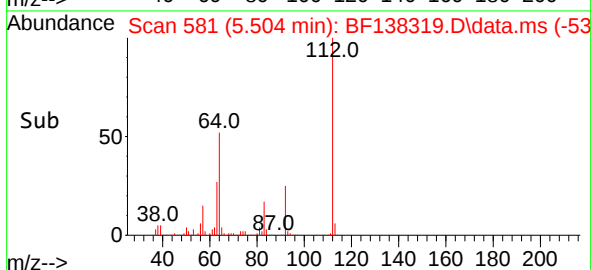
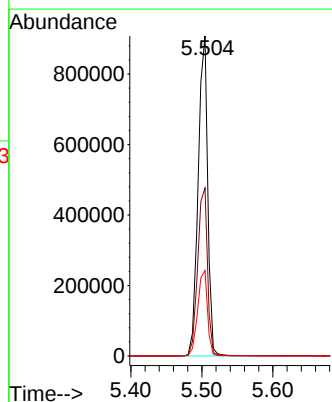
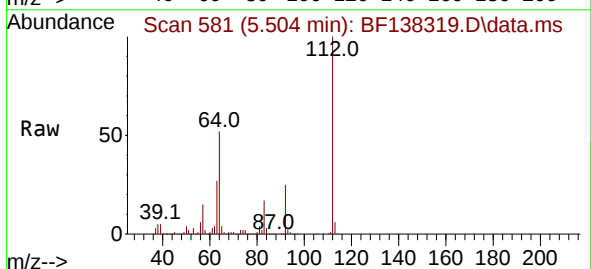
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#5
2-Fluorophenol
Concen: 77.477 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138319.D
Acq: 24 Jun 2024 19:42

Tgt Ion:112 Resp: 851533
Ion Ratio Lower Upper
112 100
64 52.5 45.2 67.8
63 26.7 22.9 34.3





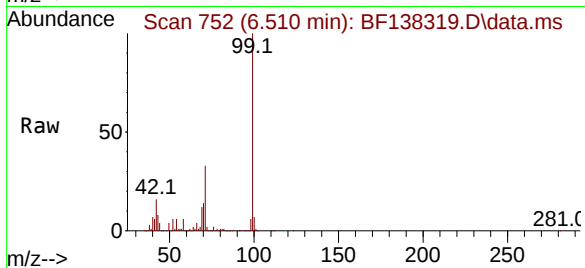
#7
Phenol-d6
Concen: 72.178 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138319.D
Acq: 24 Jun 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TR-06-062024



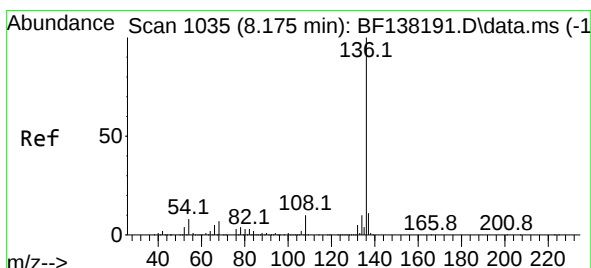
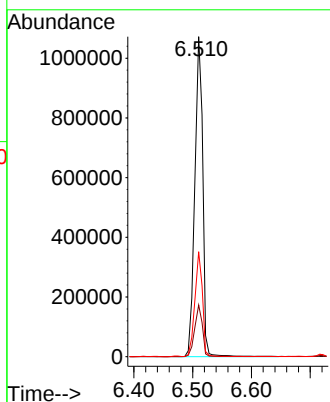
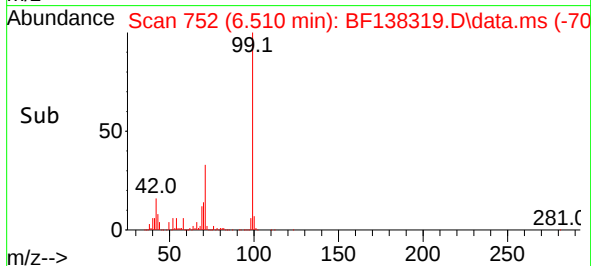
Tgt Ion: 99 Resp: 1005924
Ion Ratio Lower Upper
99 100
42 16.2 13.7 20.5
71 32.8 25.0 37.6

Manual Integrations

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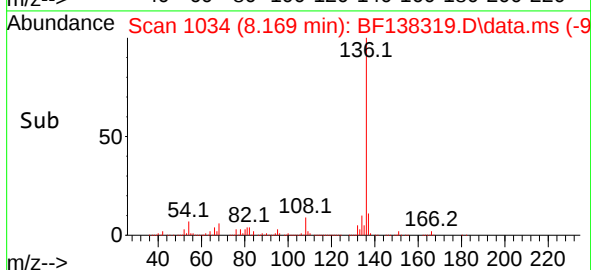
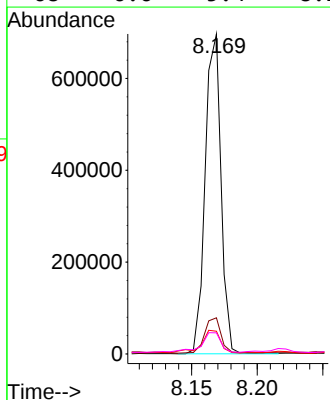
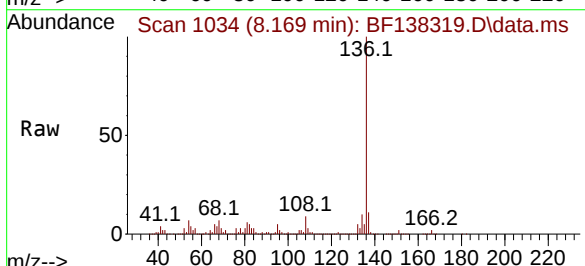
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Supervised By :mohammad ahmed 06/26/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138319.D
Acq: 24 Jun 2024 19:42

Tgt Ion:136 Resp: 587202
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.1 6.6 10.0
68 6.6 5.4 8.2





#23
Nitrobenzene-d5
Concen: 55.360 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138319.D
Acq: 24 Jun 2024 19:42

Instrument :

BNA_F

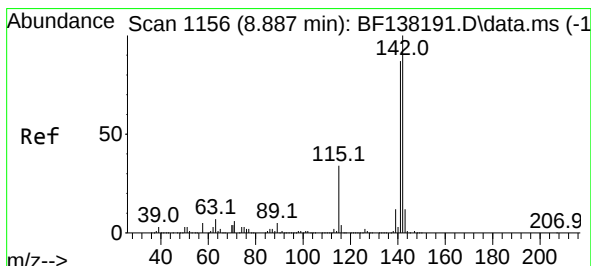
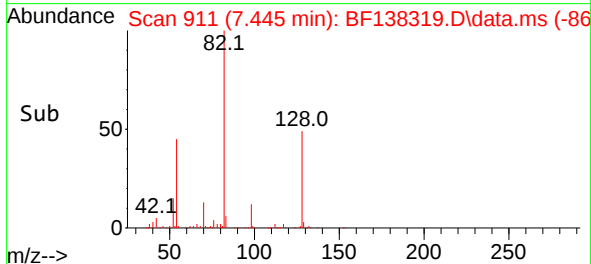
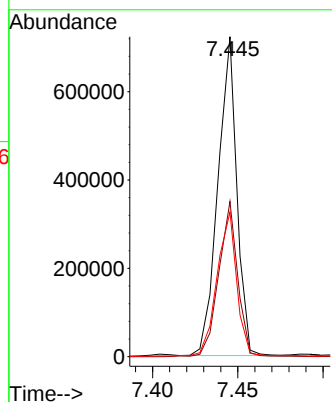
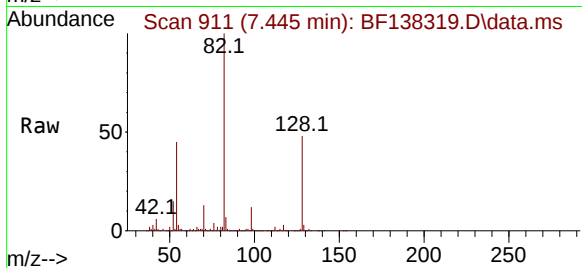
ClientSampleId :

TR-06-062024

Tgt Ion: 82 Resp: 558389
Ion Ratio Lower Upper
82 100
128 48.5 37.2 55.8
54 45.2 39.8 59.6

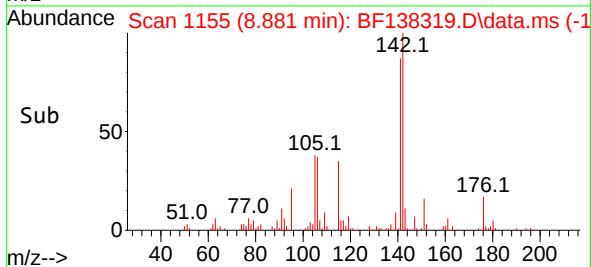
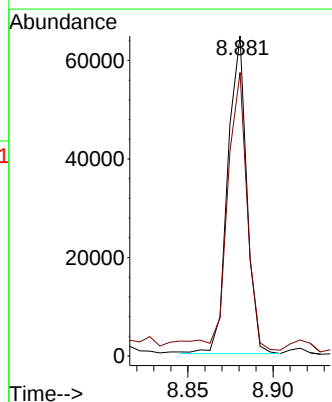
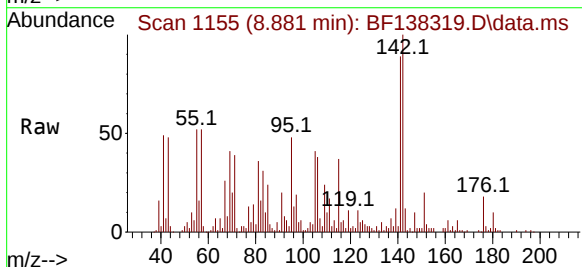
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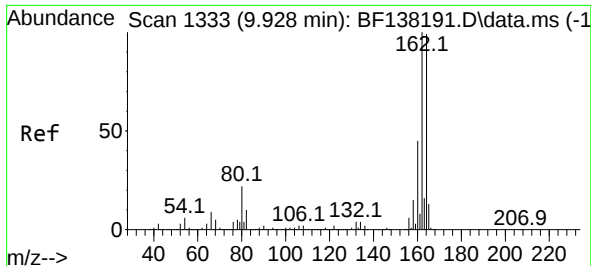
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024



#37
2-Methylnaphthalene
Concen: 2.616 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF138319.D
Acq: 24 Jun 2024 19:42

Tgt Ion:142 Resp: 49852
Ion Ratio Lower Upper
142 100
141 88.6 69.9 104.9





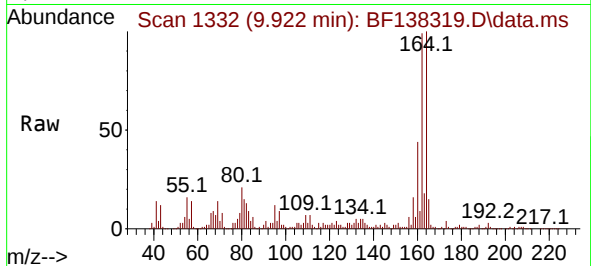
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF138319.D
Acq: 24 Jun 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TR-06-062024



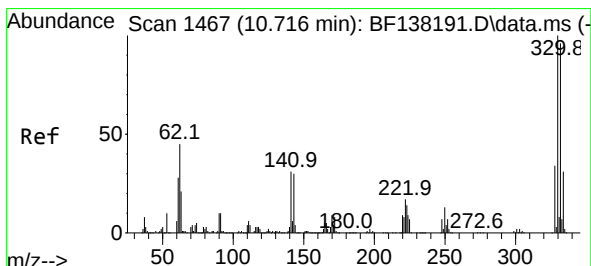
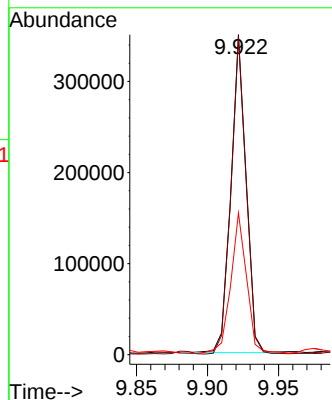
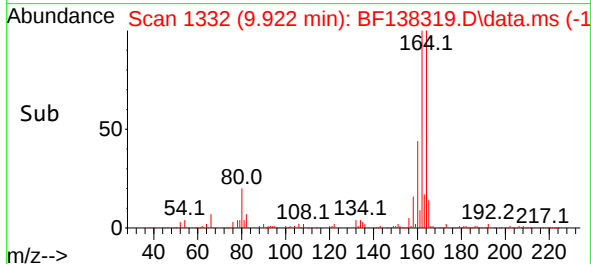
Tgt Ion:164 Resp: 260261
Ion Ratio Lower Upper
164 100
162 99.4 80.6 121.0
160 44.3 36.3 54.5

Manual Integrations

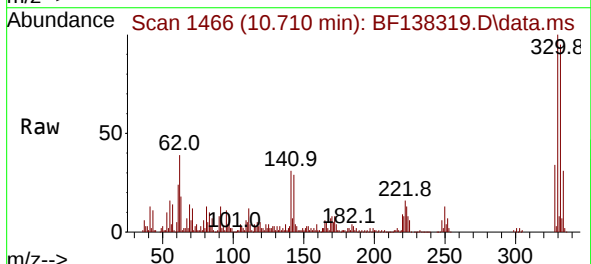
APPROVED

Reviewed By :Yogesh Patel 06/25/2024

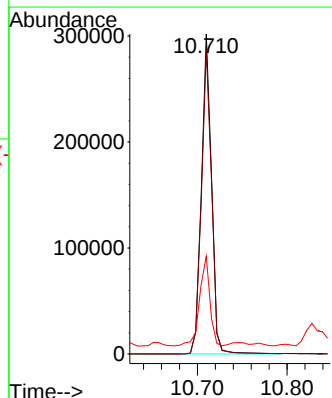
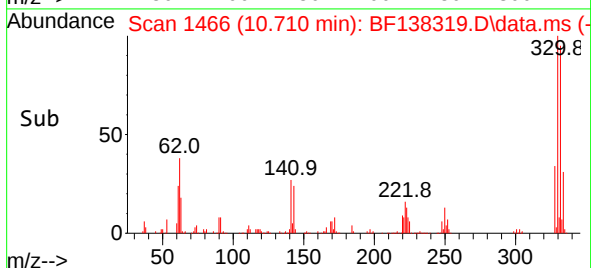
Supervised By :mohammad ahmed 06/26/2024

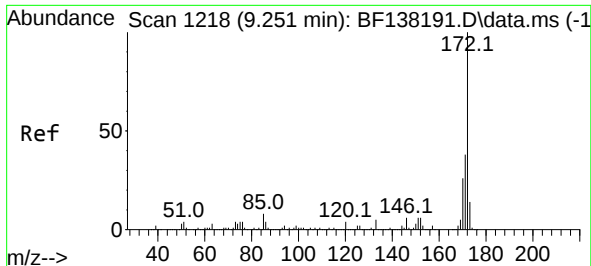


#42
2,4,6-Tribromophenol
Concen: 91.181 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF138319.D
Acq: 24 Jun 2024 19:42



Tgt Ion:330 Resp: 236248
Ion Ratio Lower Upper
330 100
332 96.1 76.6 115.0
141 29.4 23.9 35.9





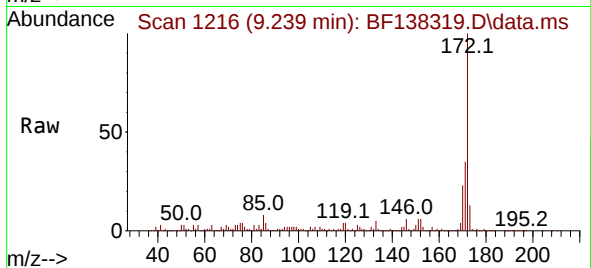
#45
2-Fluorobiphenyl
Concen: 61.928 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138319.D
Acq: 24 Jun 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TR-06-062024



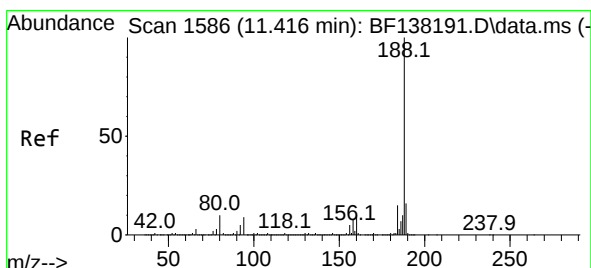
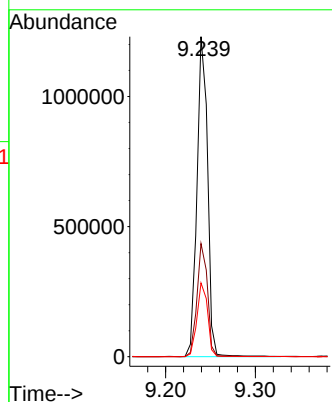
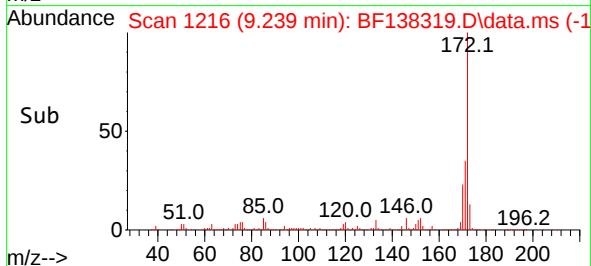
Tgt Ion:172 Resp: 101359
Ion Ratio Lower Upper
172 100
171 35.3 30.3 45.5
170 23.1 20.6 30.8

Manual Integrations

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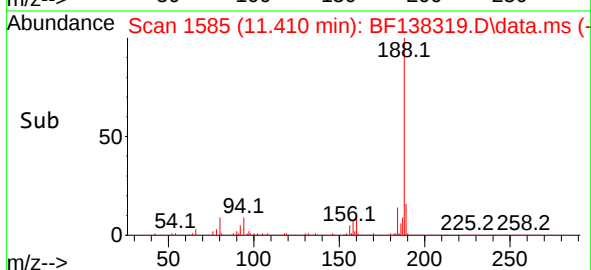
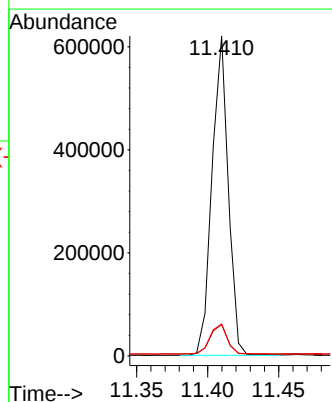
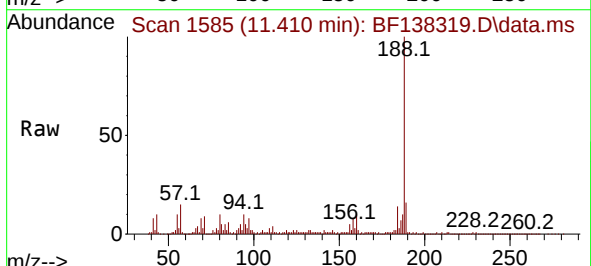
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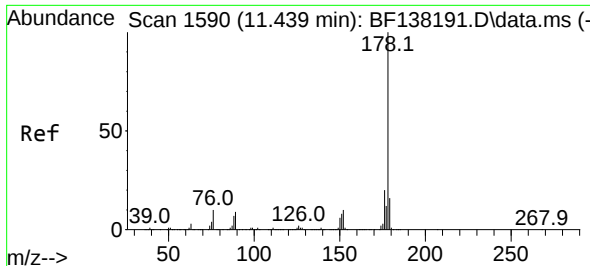
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF138319.D
Acq: 24 Jun 2024 19:42

Tgt Ion:188 Resp: 492480
Ion Ratio Lower Upper
188 100
94 9.8 7.6 11.4
80 10.0 8.1 12.1





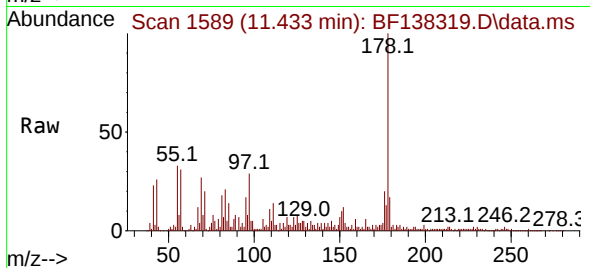
#71
Phenanthrene
Concen: 6.348 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138319.D
Acq: 24 Jun 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TR-06-062024



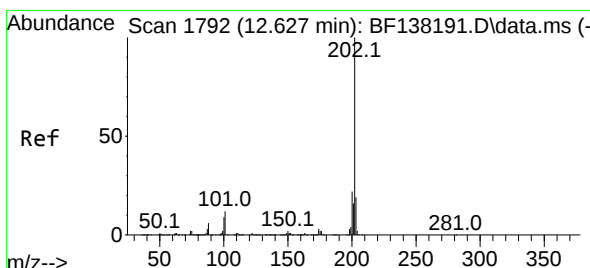
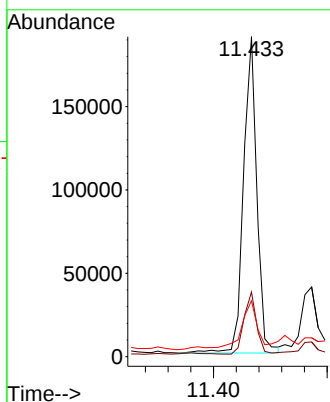
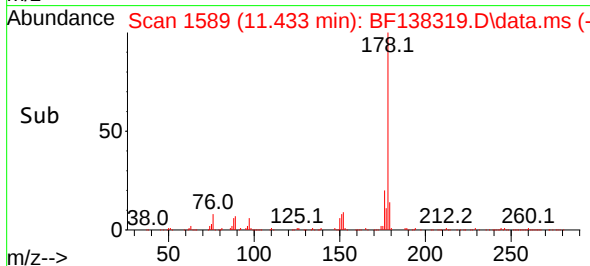
Tgt Ion:178 Resp: 154609
Ion Ratio Lower Upper
178 100
176 20.2 16.4 24.6
179 17.5 13.1 19.7

Manual Integrations

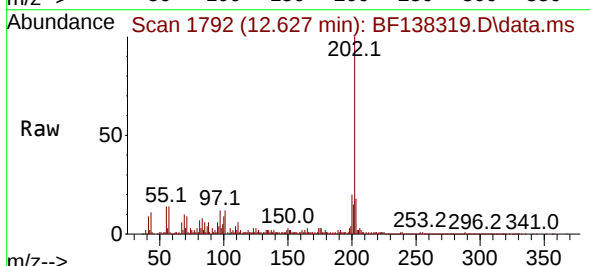
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Reviewed By :Yogesh Patel 06/25/2024

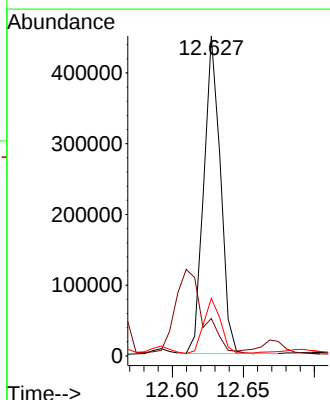
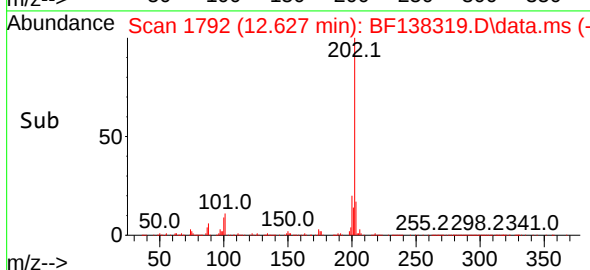
Supervised By :mohammad ahmed 06/26/2024

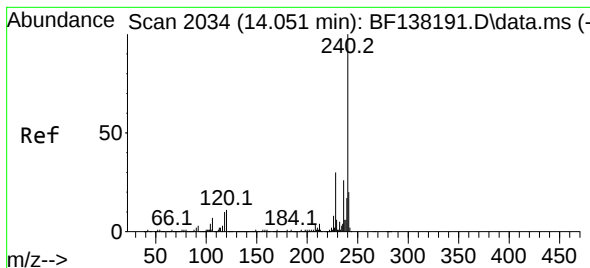


#75
Fluoranthene
Concen: 14.654 ng
RT: 12.627 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BF138319.D
Acq: 24 Jun 2024 19:42



Tgt Ion:202 Resp: 363922
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.8
203 18.0 0.0 38.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF138319.D

Acq: 24 Jun 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TR-06-062024

Tgt Ion:240 Resp: 32852

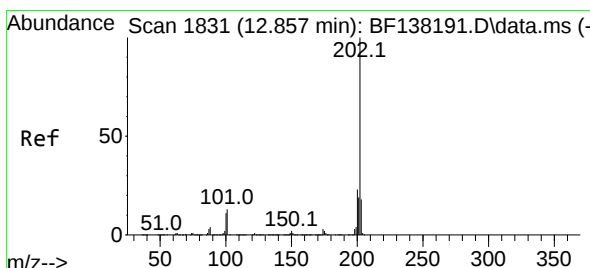
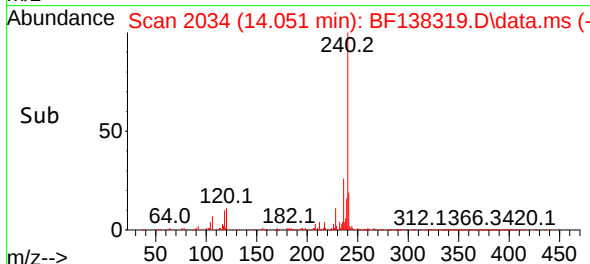
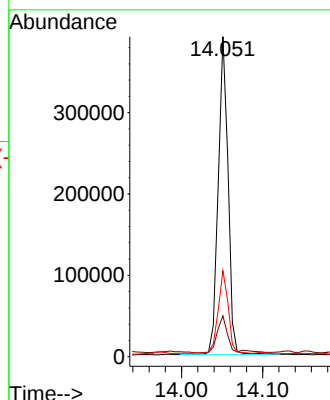
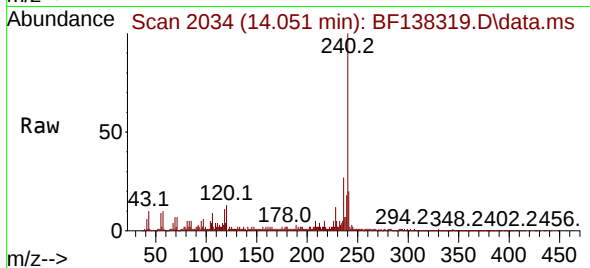
Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.2	13.8
236	26.9	21.0	31.6

Manual Integrations

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Supervised By :mohammad ahmed 06/26/2024



#78

Pyrene

Concen: 13.942 ng

RT: 12.863 min Scan# 1832

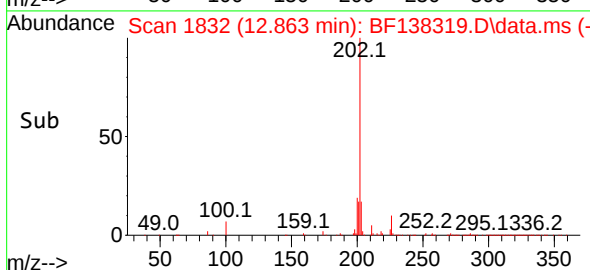
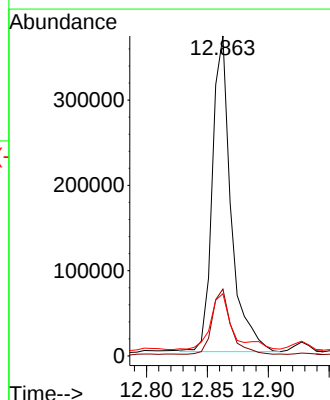
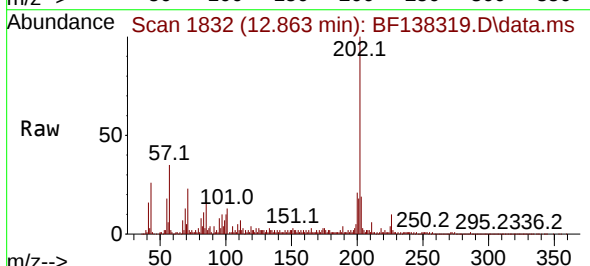
Delta R.T. 0.006 min

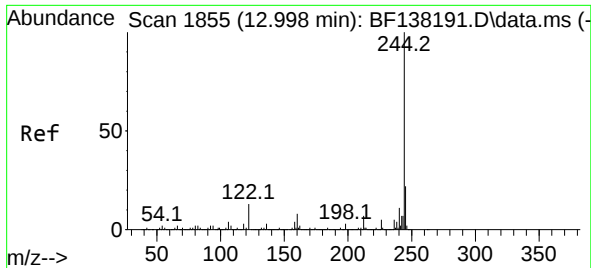
Lab File: BF138319.D

Acq: 24 Jun 2024 19:42

Tgt Ion:202 Resp: 395063

Ion	Ratio	Lower	Upper
202	100		
200	20.9	18.0	27.0
203	19.4	14.7	22.1





#79
 Terphenyl-d14
 Concen: 63.351 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: BF138319.D
 Acq: 24 Jun 2024 19:42

Instrument :

BNA_F

ClientSampleId :

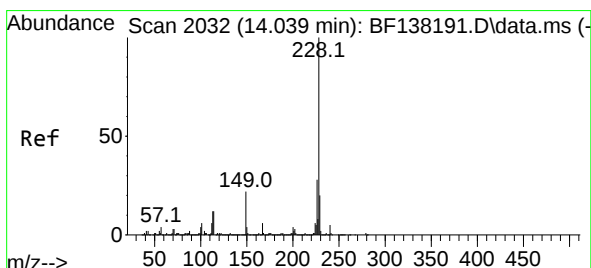
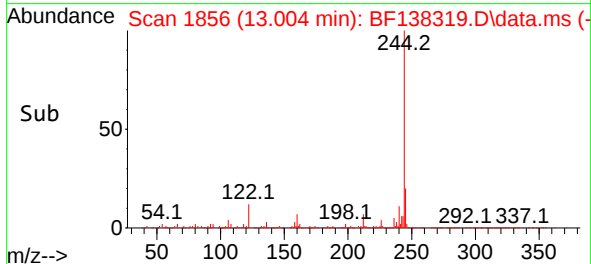
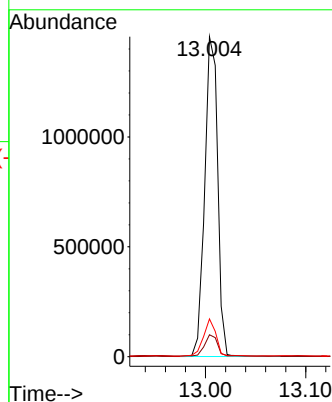
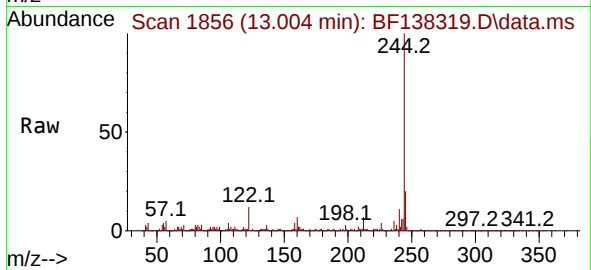
TR-06-062024

Tgt Ion:244 Resp: 1314030
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 11.8 10.6 15.8

Manual Integrations

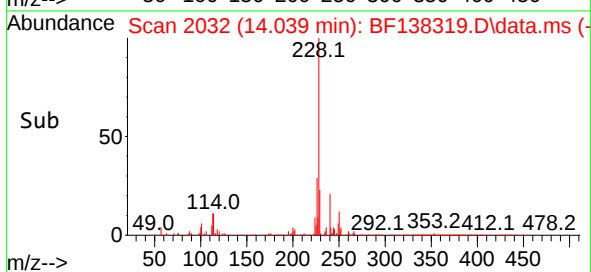
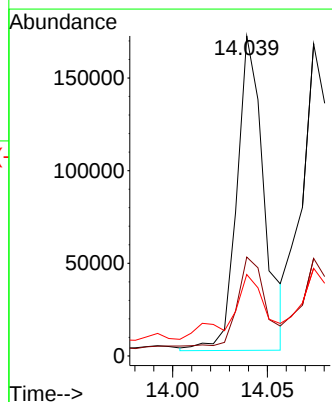
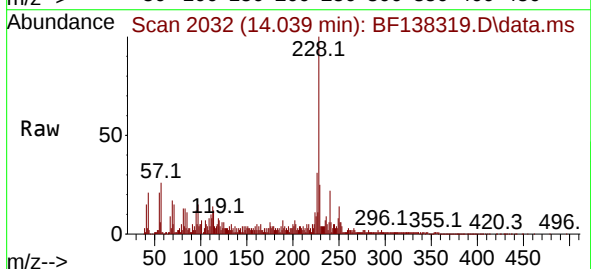
APPROVED

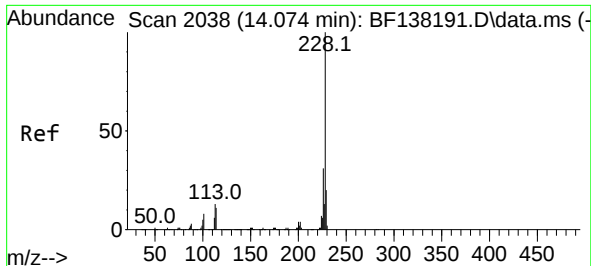
Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/26/2024



#81
 Benzo(a)anthracene
 Concen: 8.028 ng
 RT: 14.039 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: BF138319.D
 Acq: 24 Jun 2024 19:42

Tgt Ion:228 Resp: 169208
 Ion Ratio Lower Upper
 228 100
 226 30.9 22.5 33.7
 229 25.5 16.3 24.5#





#83

Chrysene

Concen: 8.557 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF138319.D

Acq: 24 Jun 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TR-06-062024

Tgt Ion:228 Resp: 17191

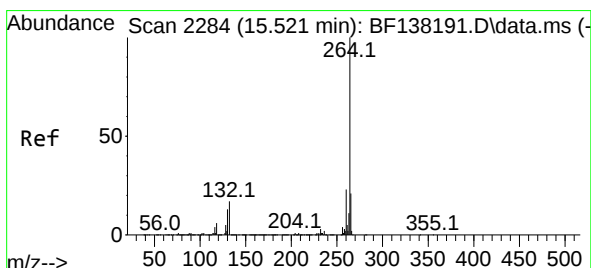
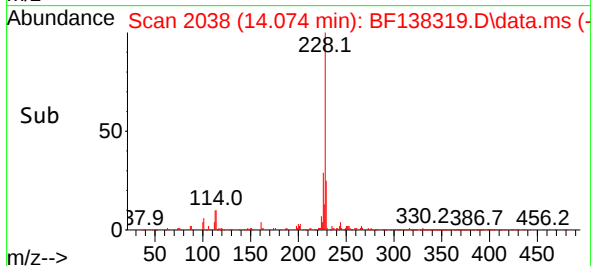
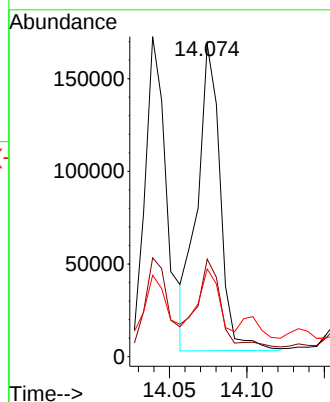
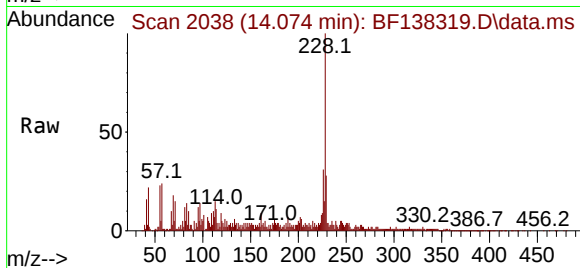
Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.5	36.7
229	28.1	16.3	24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2285

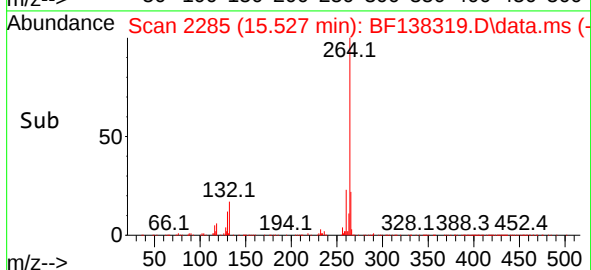
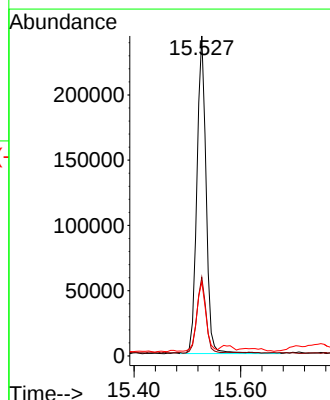
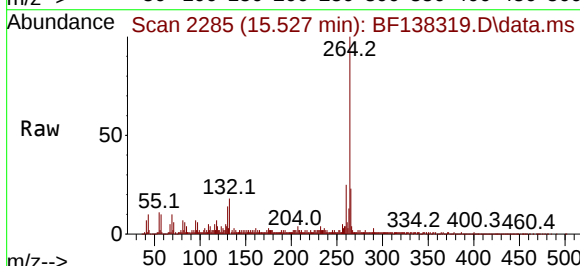
Delta R.T. 0.006 min

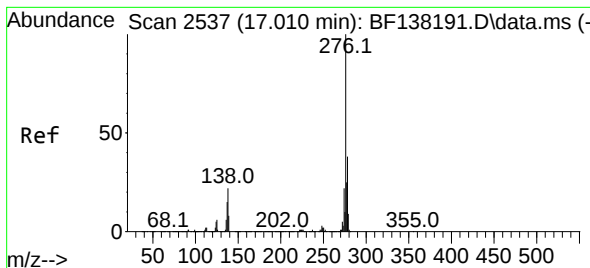
Lab File: BF138319.D

Acq: 24 Jun 2024 19:42

Tgt Ion:264 Resp: 291046

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	23.2	17.0	25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.017 ng

RT: 17.009 min Scan# 2537

Delta R.T. -0.000 min

Lab File: BF138319.D

Acq: 24 Jun 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TR-06-062024

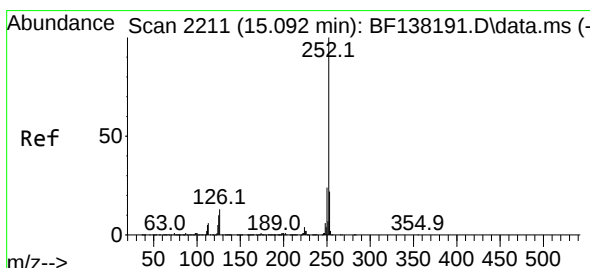
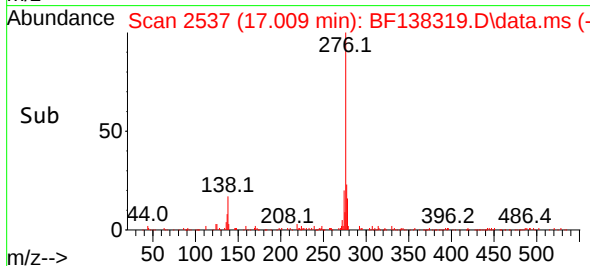
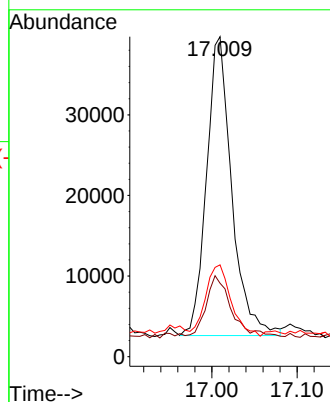
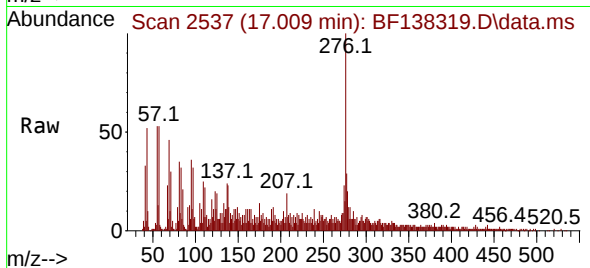
Tgt Ion:	276	Resp:	7621
Ion Ratio	Lower	Upper	
276	100		
138	20.4	19.3	28.9
277	23.9	20.2	30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#88

Benzo(b)fluoranthene

Concen: 9.907 ng m

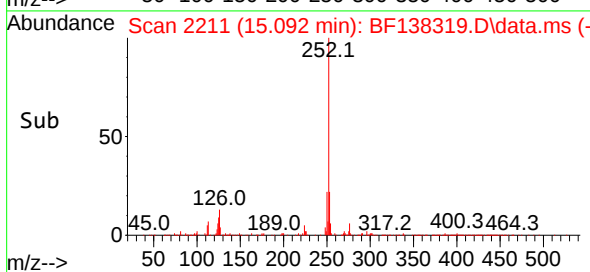
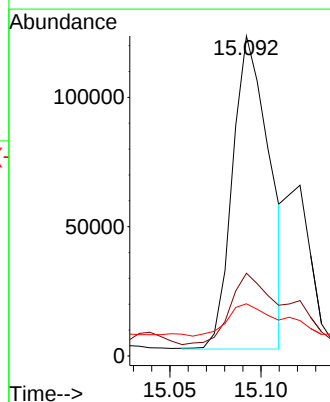
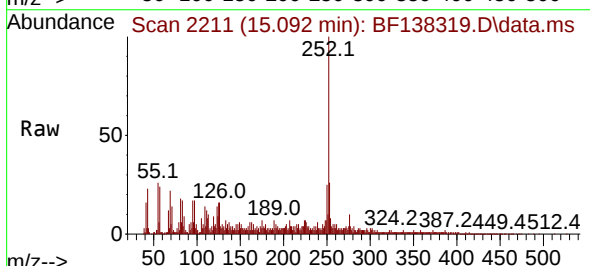
RT: 15.092 min Scan# 2211

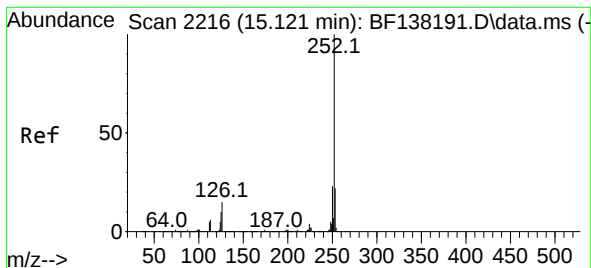
Delta R.T. -0.000 min

Lab File: BF138319.D

Acq: 24 Jun 2024 19:42

Tgt Ion:	252	Resp:	170045
Ion Ratio	Lower	Upper	
252	100		
253	25.8	17.7	26.5
125	16.3	7.8	11.8





#89

Benzo(k)fluoranthene

Concen: 3.725 ng m

RT: 15.121 min Scan# 2216

Delta R.T. -0.000 min

Lab File: BF138319.D

Acq: 24 Jun 2024 19:42

Instrument :

BNF

ClientSampleId :

TR-06-062024

Tgt Ion:252 Resp: 62658

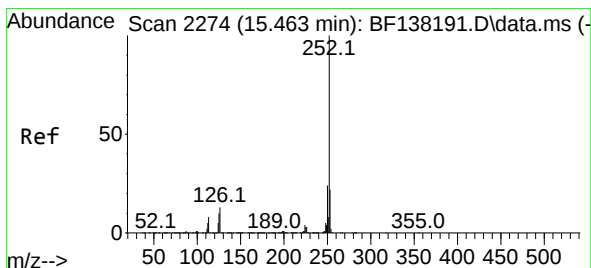
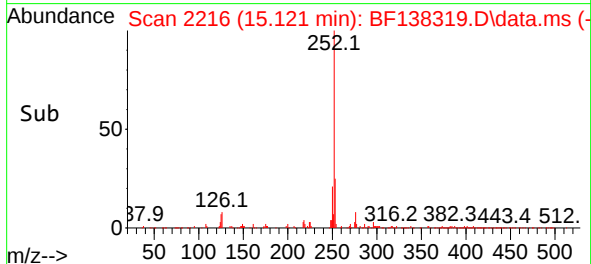
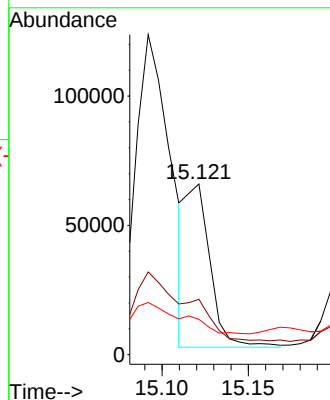
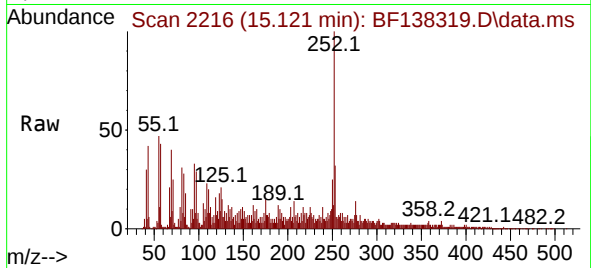
Ion	Ratio	Lower	Upper
252	100		
253	32.4	17.8	26.8
125	20.7	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024



#90

Benzo(a)pyrene

Concen: 8.101 ng

RT: 15.463 min Scan# 2274

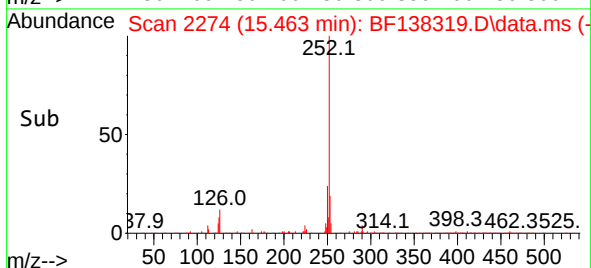
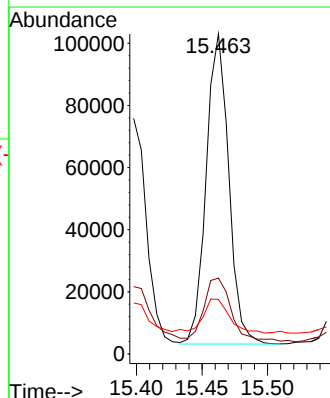
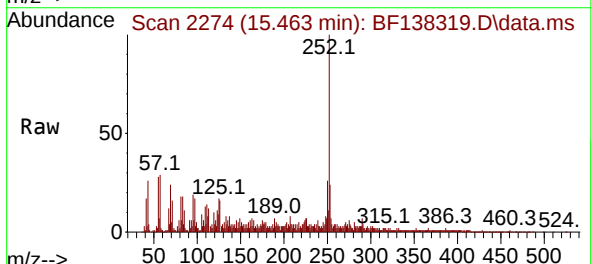
Delta R.T. -0.000 min

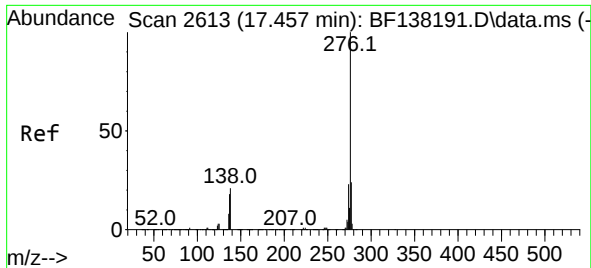
Lab File: BF138319.D

Acq: 24 Jun 2024 19:42

Tgt Ion:252 Resp: 119448

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.7	26.5
125	17.1	8.2	12.2





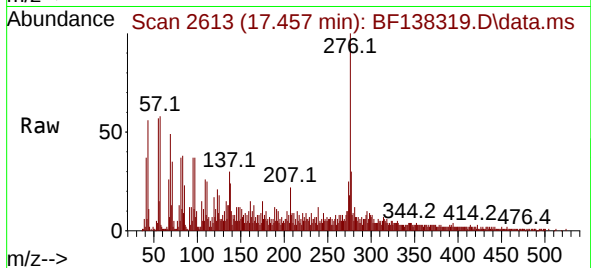
#92
Benzo(g,h,i)perylene
Concen: 4.740 ng
RT: 17.457 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF138319.D
Acq: 24 Jun 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TR-06-062024



Tgt Ion:276 Resp: 76370
Ion Ratio Lower Upper
276 100
277 29.6 19.5 29.3
138 23.9 16.6 24.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024

