

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
 Data File : BF138661.D
 Acq On : 25 Jul 2024 19:22
 Operator : RC/JU
 Sample : P3339-01DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-072324DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Jul 26 01:13:26 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							07/26/2024
1) 1,4-Dichlorobenzene-d4	6.851	152	83711	20.000	ng	-0.02	Supervised By :mohammad
21) Naphthalene-d8	8.134	136	325053	20.000	ng	-0.02	Summed
39) Acenaphthene-d10	9.886	164	160882	20.000	ng	-0.02	
64) Phenanthrene-d10	11.374	188	202494	20.000	ng	-0.01	
76) Chrysene-d12	14.010	240	148191	20.000	ng	-0.02	
86) Perylene-d12	15.474	264	133147	20.000	ng	-0.01	07/27/2024
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	109084	20.638	ng	-0.02	
7) Phenol-d6	6.487	99	148353	21.099	ng	-0.02	
23) Nitrobenzene-d5	7.410	82	92718	14.005	ng	-0.02	
42) 2,4,6-Tribromophenol	10.675	330	19684	13.091	ng	-0.02	
45) 2-Fluorobiphenyl	9.204	172	160965	15.637	ng	-0.02	
79) Terphenyl-d14	12.951	244	102166	11.231	ng	-0.02	
Target Compounds							Qvalue
31) Naphthalene	8.157	128	141444	8.367	ng		99
37) 2-Methylnaphthalene	8.845	142	46724	4.295	ng		99
38) 1-Methylnaphthalene	8.945	142	30439	2.867	ng		97
52) Acenaphthene	9.916	154	28350	3.261	ng		97
55) Dibenzofuran	10.092	168	72207	5.727	ng		97
58) Fluorene	10.433	166	87645	8.785	ng		99
71) Phenanthrene	11.398	178	346892	33.909	ng		99
72) Anthracene	11.445	178	95510	9.405	ng		98
73) Carbazole	11.604	167	27716	3.037	ng	#	94
75) Fluoranthene	12.586	202	300284	28.766	ng		98
78) Pyrene	12.816	202	242597	16.126	ng		98
81) Benzo(a)anthracene	13.998	228	153582	15.445	ng		98
83) Chrysene	14.033	228	115313	12.259	ng		97
87) Indeno(1,2,3-cd)pyrene	16.933	276	37654	4.210	ng		95
88) Benzo(b)fluoranthene	15.045	252	139245m	18.570	ng		
89) Benzo(k)fluoranthene	15.062	252	47296m	6.467	ng		
90) Benzo(a)pyrene	15.410	252	92907	14.104	ng		98
92) Benzo(g,h,i)perylene	17.374	276	34906	4.500	ng	#	92

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

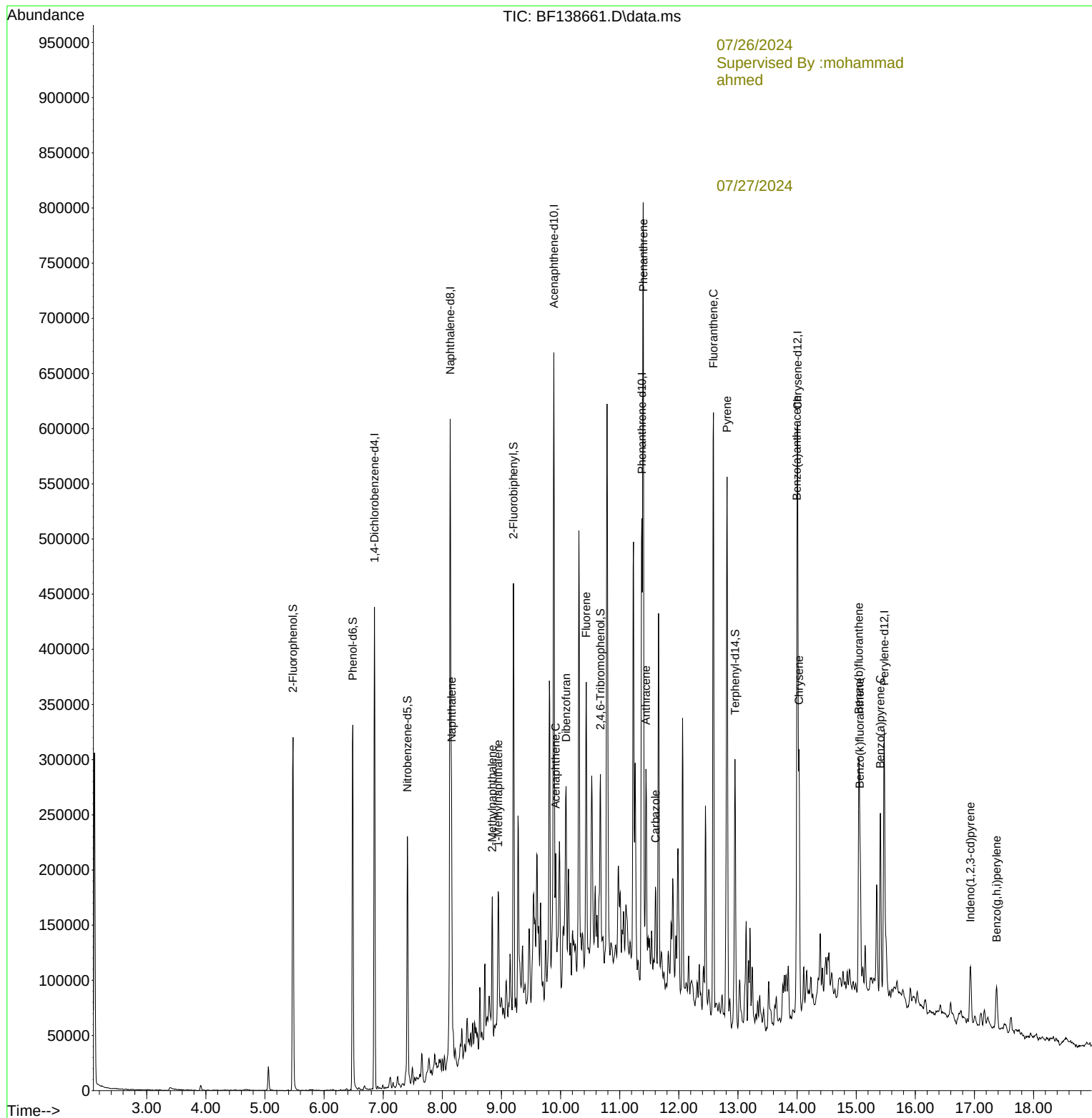
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
Data File : BF138661.D
Acq On : 25 Jul 2024 19:22
Operator : RC/JU
Sample : P3339-01DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

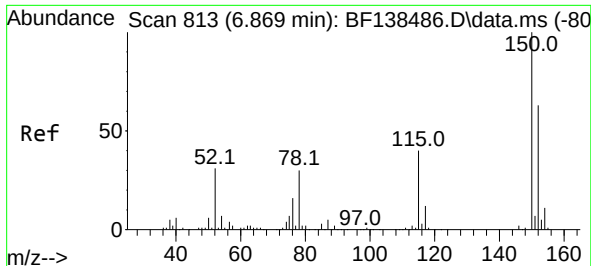
Instrument :
BNA_F
ClientSampleId :
SU-03-072324DL

Quant Time: Jul 26 01:13:26 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
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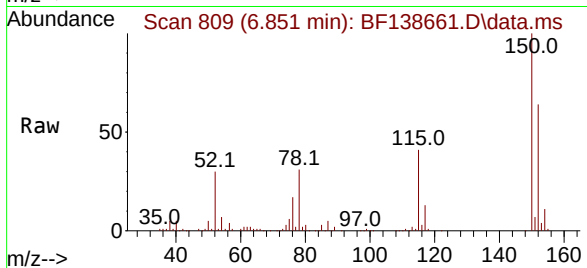
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138661.D
Acq: 25 Jul 2024 19:22

Instrument :

BNA_F

ClientSampleId :

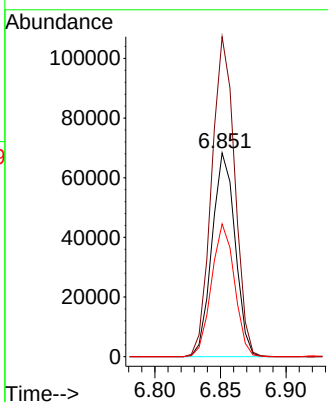
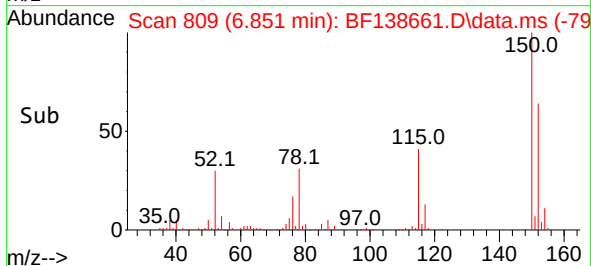
SU-03-072324DL



Tgt Ion:152 Resp: 8371
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.4
115 65.1 50.3 75.5

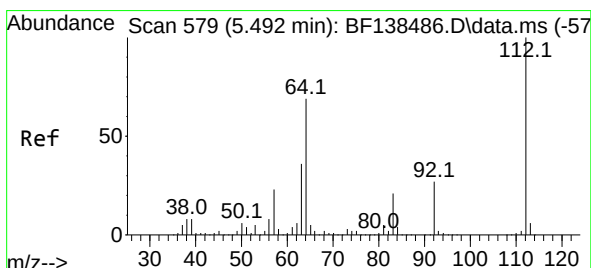
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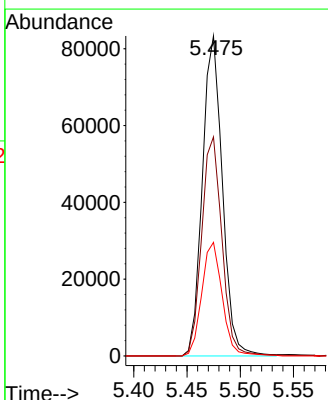
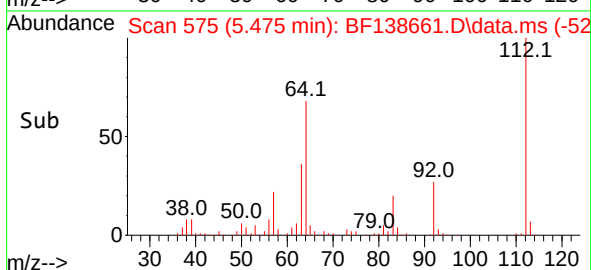
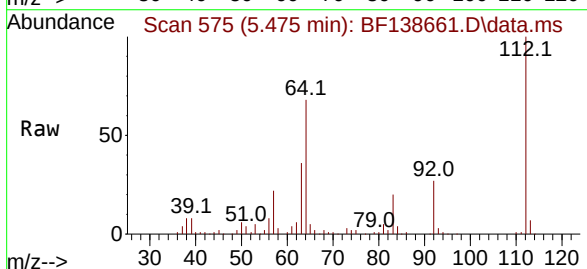
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Supervised By :mohammad
ahmed

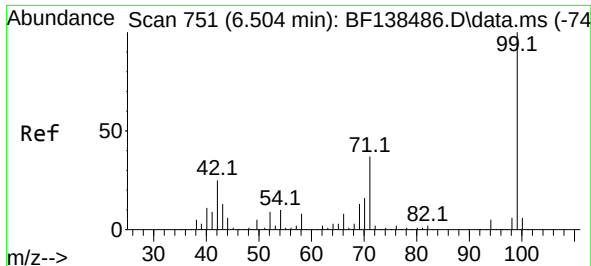
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#5
2-Fluorophenol
Concen: 20.638 ng
RT: 5.475 min Scan# 575
Delta R.T. -0.018 min
Lab File: BF138661.D
Acq: 25 Jul 2024 19:22

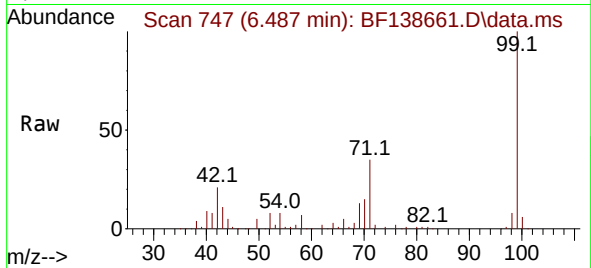
Tgt Ion:112 Resp: 109084
Ion Ratio Lower Upper
112 100
64 68.5 55.1 82.7
63 35.5 29.0 43.6





#7
Phenol-d6
Concen: 21.099 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF138661.D
Acq: 25 Jul 2024 19:22

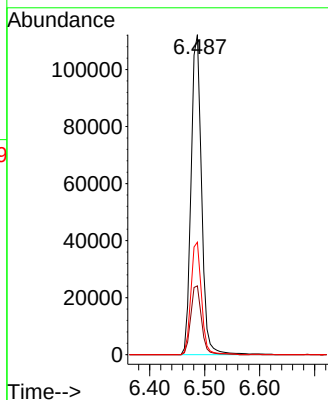
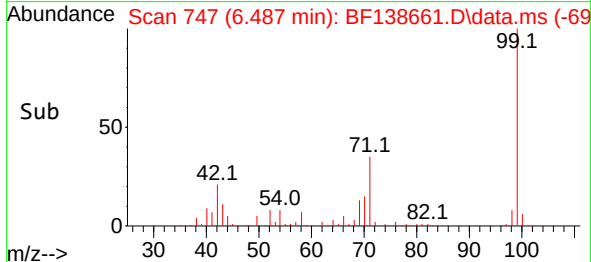
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 14835
Ion Ratio Lower Upper
99 100
42 21.5 19.7 29.5
71 35.1 29.9 44.9

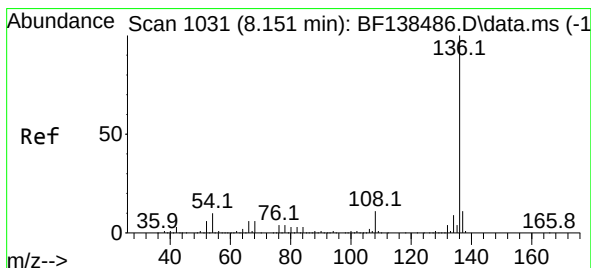
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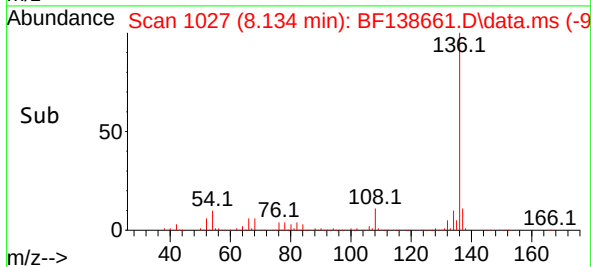
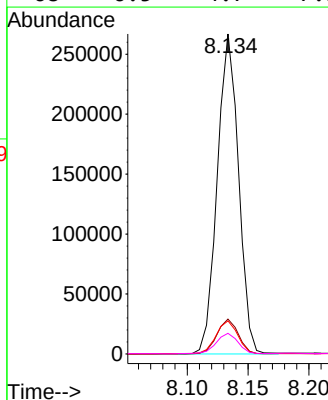
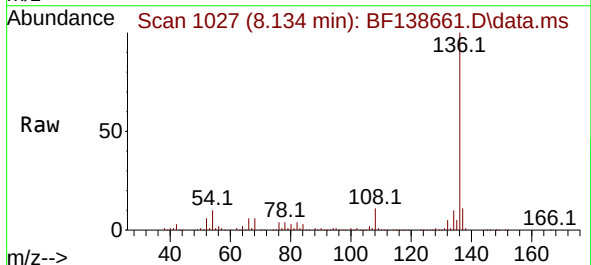
07/26/2024
Supervised By :mohammad
ahmed

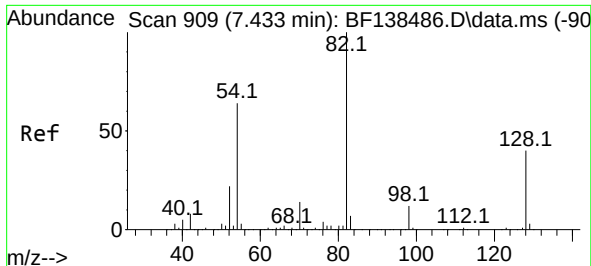
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1027
Delta R.T. -0.018 min
Lab File: BF138661.D
Acq: 25 Jul 2024 19:22

Tgt Ion:136 Resp: 325053
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.3 8.1 12.1
68 6.5 4.7 7.1





#23
Nitrobenzene-d5
Concen: 14.005 ng
RT: 7.410 min Scan# 909
Delta R.T. -0.023 min
Lab File: BF138661.D
Acq: 25 Jul 2024 19:22

Instrument :

BNA_F

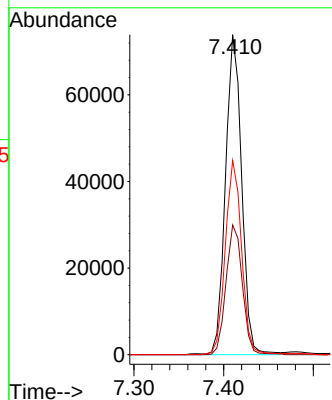
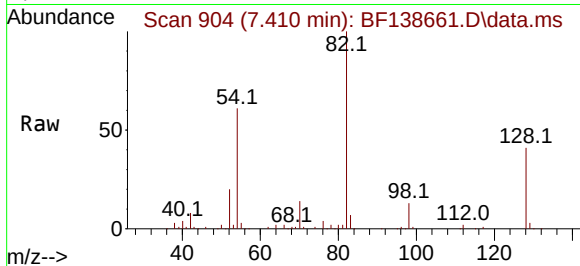
ClientSampleId :

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Tgt Ion: 82 Resp: 92718
Ion Ratio Lower Upper
82 100
128 40.5 32.3 48.5
54 60.7 51.4 77.0

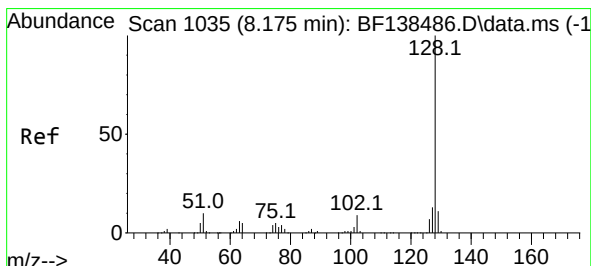
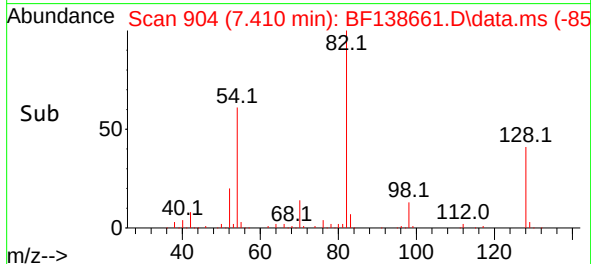
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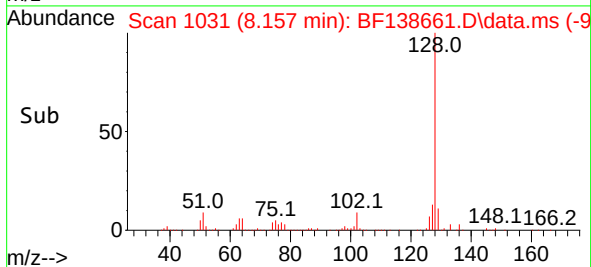
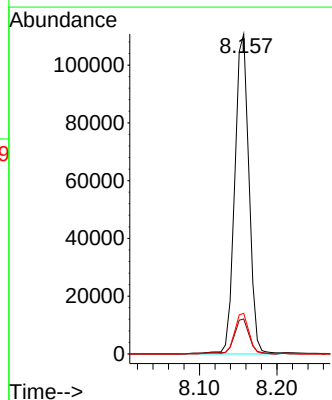
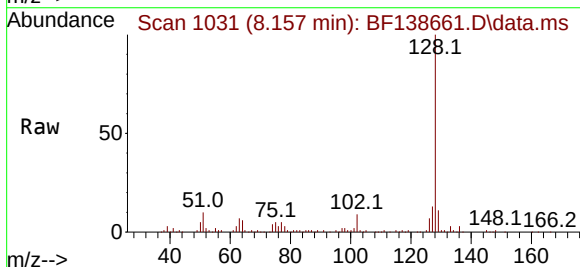
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Supervised By :mohammad
ahmed

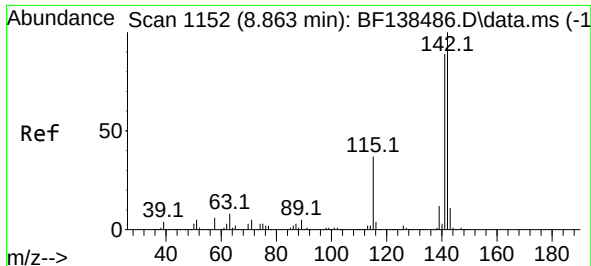
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#31
Naphthalene
Concen: 8.367 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF138661.D
Acq: 25 Jul 2024 19:22

Tgt Ion:128 Resp: 141444
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.7 10.7 16.1





#37
2-Methylnaphthalene
Concen: 4.295 ng
RT: 8.845 min Scan# 1152
Delta R.T. -0.018 min
Lab File: BF138661.D
Acq: 25 Jul 2024 19:22

Instrument :

BNA_F

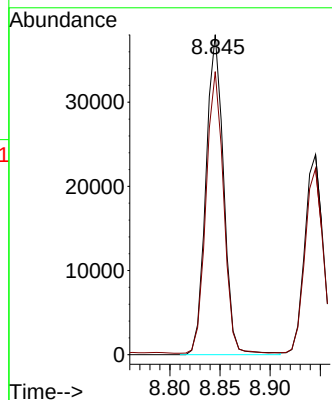
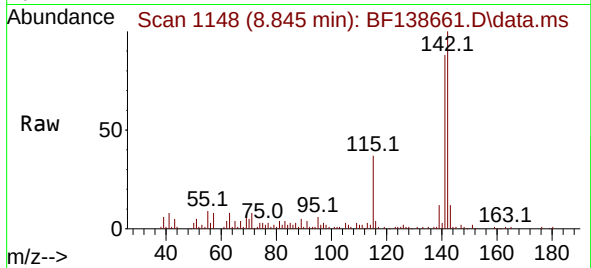
ClientSampleId :

SU-03-072324DL

Tgt Ion:142 Resp: 46724
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.0

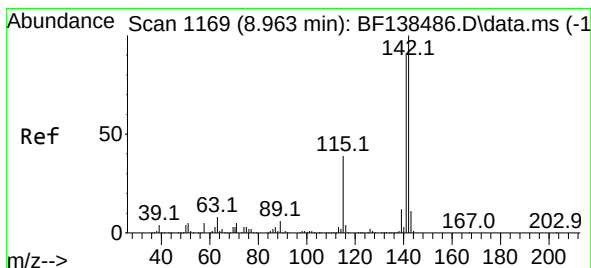
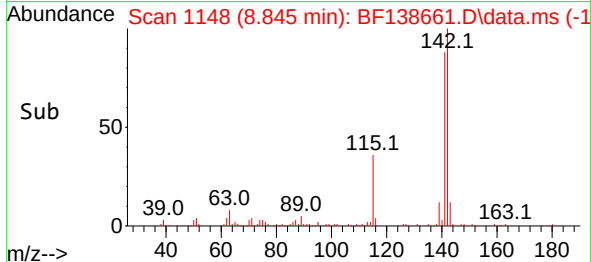
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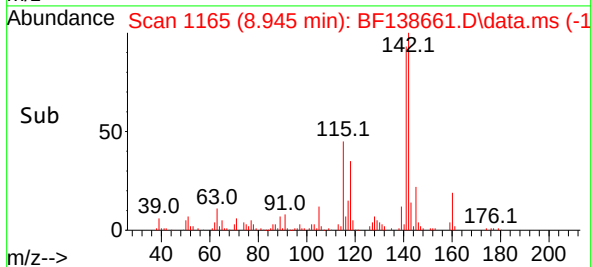
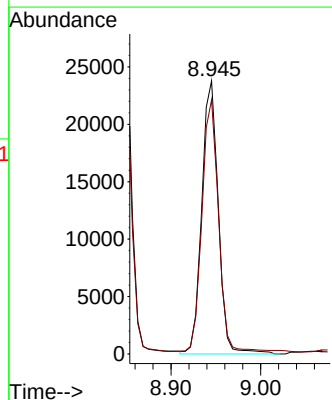
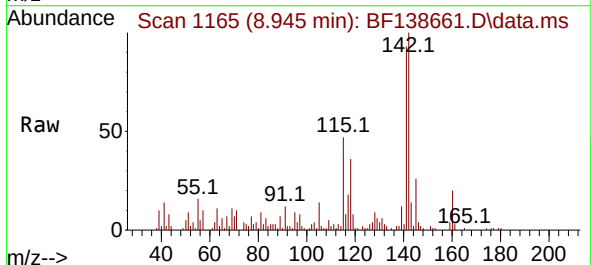
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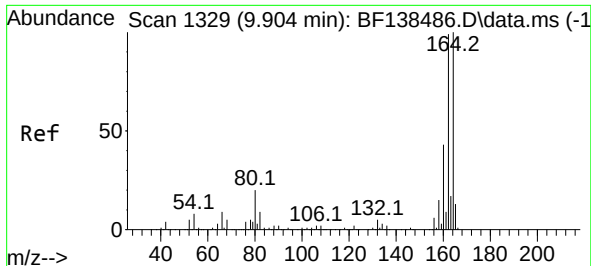
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#38
1-Methylnaphthalene
Concen: 2.867 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BF138661.D
Acq: 25 Jul 2024 19:22

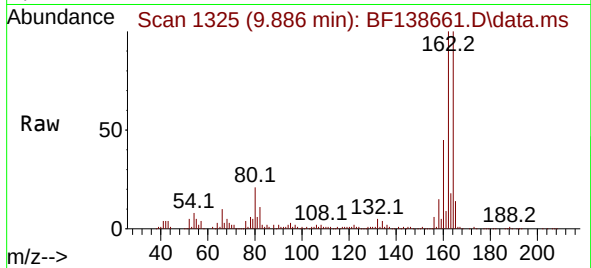
Tgt Ion:142 Resp: 30439
Ion Ratio Lower Upper
142 100
141 93.1 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138661.D
Acq: 25 Jul 2024 19:22

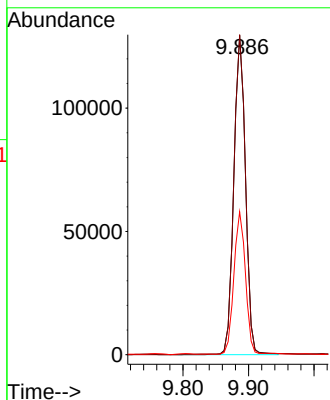
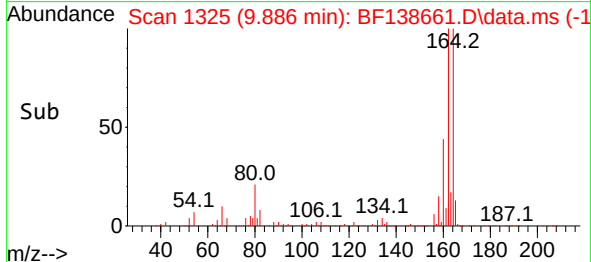
Instrument :
BNA_F
ClientSampleId :
SU-03-072324DL



Tgt Ion:164 Resp: 16088
Ion Ratio Lower Upper
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162 100.2 79.0 118.6
160 44.7 34.4 51.6

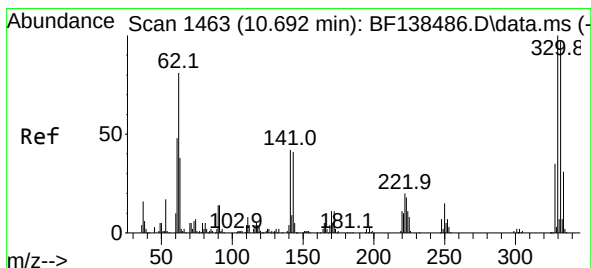
Manual Integrations
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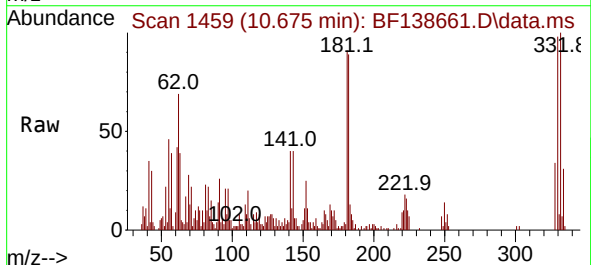


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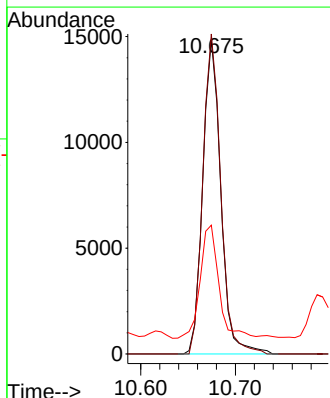
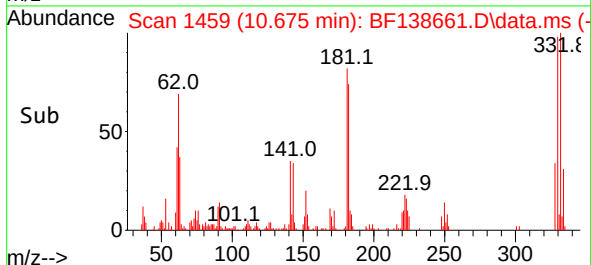
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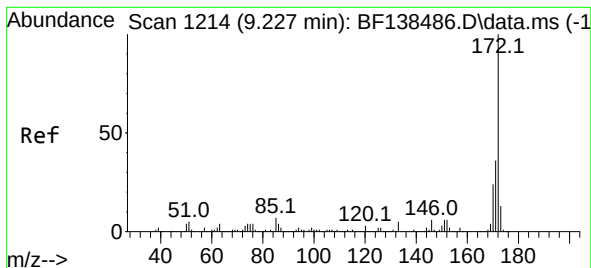


#42
2,4,6-Tribromophenol
Concen: 13.091 ng
RT: 10.675 min Scan# 1459
Delta R.T. -0.018 min
Lab File: BF138661.D
Acq: 25 Jul 2024 19:22



Tgt Ion:330 Resp: 19684
Ion Ratio Lower Upper
330 100
332 100.9 76.8 115.2
141 37.1 29.4 44.2





#45

2-Fluorobiphenyl

Concen: 15.637 ng

RT: 9.204 min Scan# 11

Delta R.T. -0.023 min

Lab File: BF138661.D

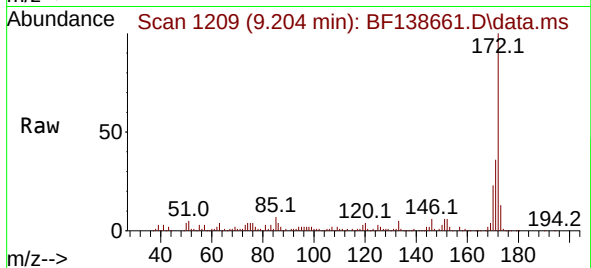
Acq: 25 Jul 2024 19:22

Instrument :

BNA_F

ClientSampleId :

SU-03-072324DL



Tgt Ion:172 Resp: 16096

Ion Ratio Lower Upper

172 100

171 36.3 28.9 43.3

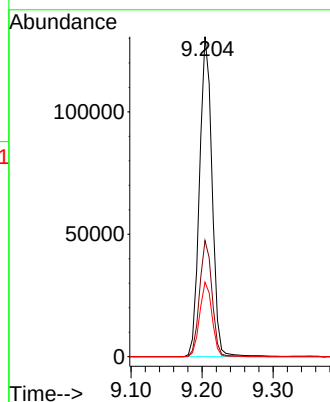
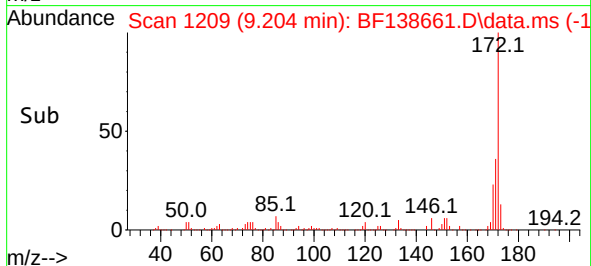
170 23.2 18.9 28.3

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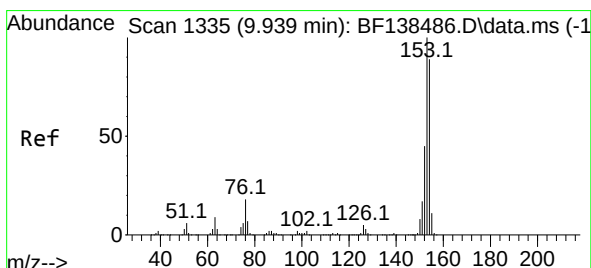
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ahmed

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#52

Acenaphthene

Concen: 3.261 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.023 min

Lab File: BF138661.D

Acq: 25 Jul 2024 19:22

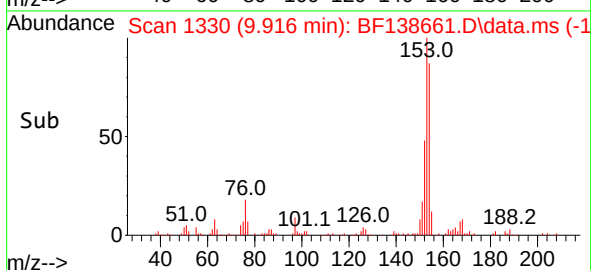
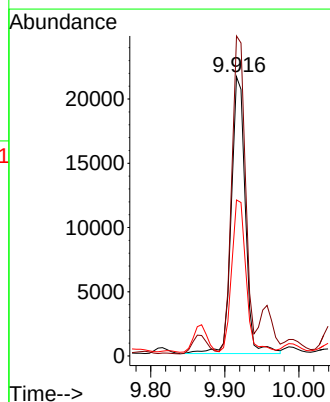
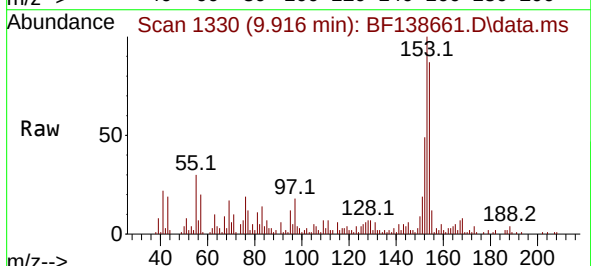
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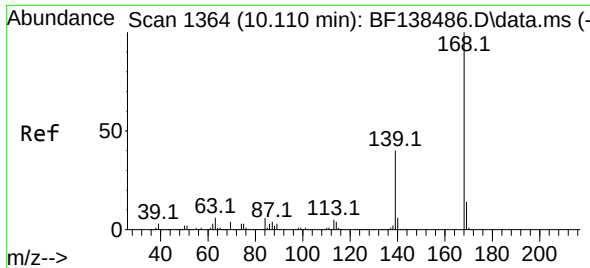
Ion Ratio Lower Upper

154 100

153 114.6 90.4 135.6

152 55.9 41.1 61.7





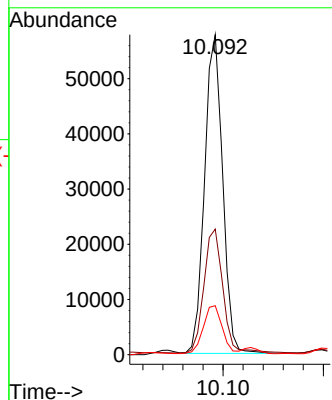
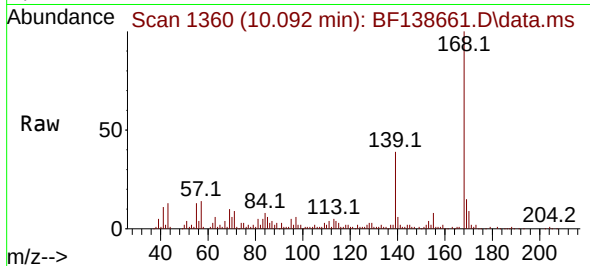
#55
Dibenzenofuran
Concen: 5.727 ng
RT: 10.092 min Scan# 1418
Delta R.T. -0.018 min
Lab File: BF138661.D
Acq: 25 Jul 2024 19:22

Instrument :
BNA_F
ClientSampleId :
SU-03-072324DL

Tgt Ion:168 Resp: 7220
Ion Ratio Lower Upper
168 100
139 39.3 32.4 48.6
169 15.3 10.9 16.3

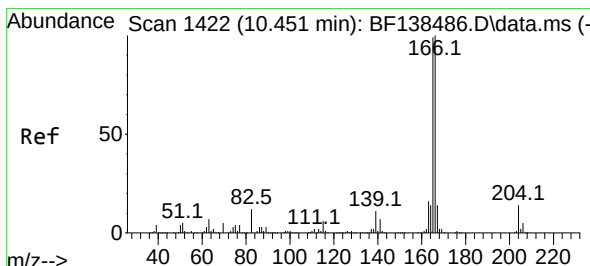
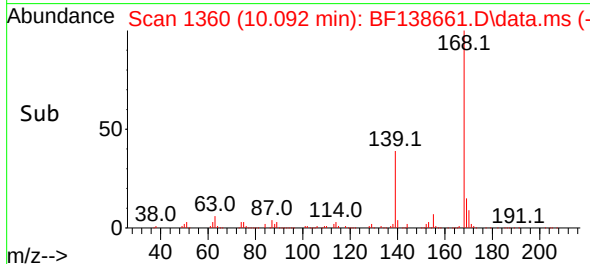
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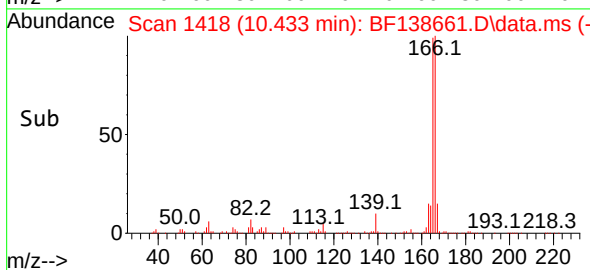
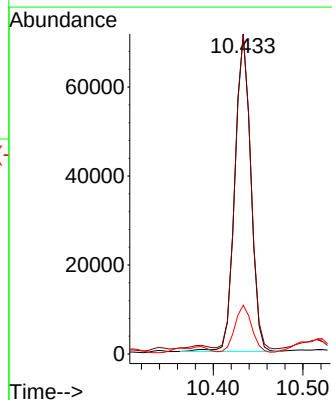
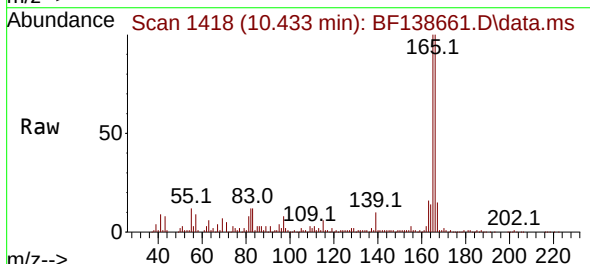
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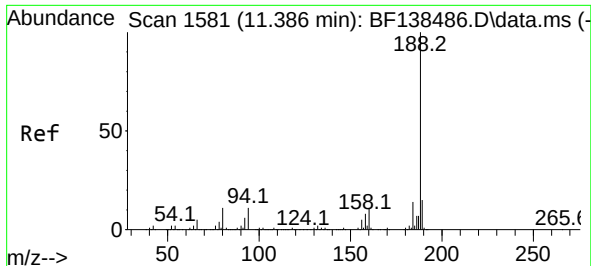
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#58
Fluorene
Concen: 8.785 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.018 min
Lab File: BF138661.D
Acq: 25 Jul 2024 19:22

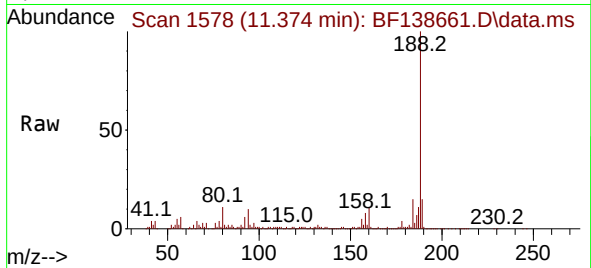
Tgt Ion:166 Resp: 87645
Ion Ratio Lower Upper
166 100
165 99.7 79.1 118.7
167 15.2 11.0 16.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138661.D
Acq: 25 Jul 2024 19:22

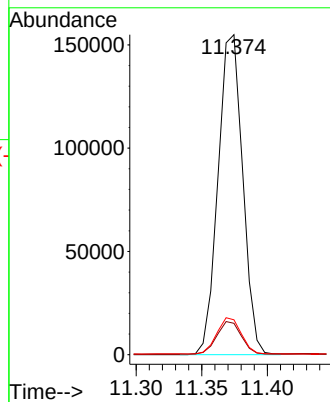
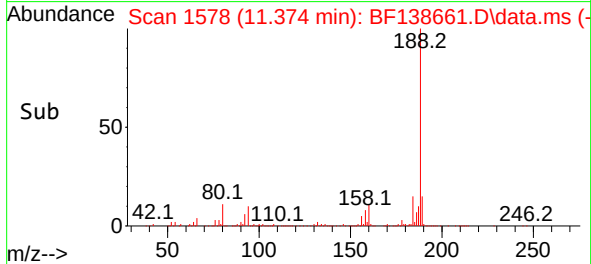
Instrument :
BNA_F
ClientSampleId :
SU-03-072324DL



Tgt Ion:188 Resp: 202494
Ion Ratio Lower Upper
188 100
94 9.8 8.7 13.1
80 10.9 9.0 13.4

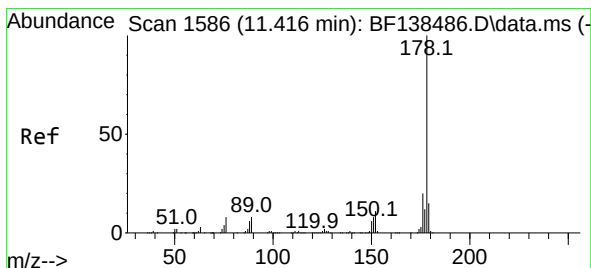
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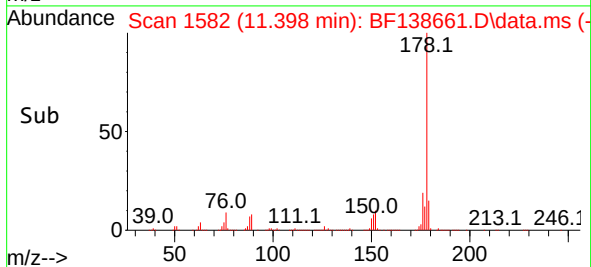
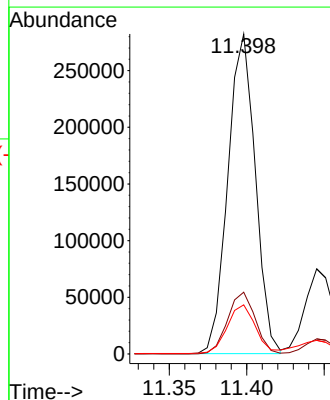
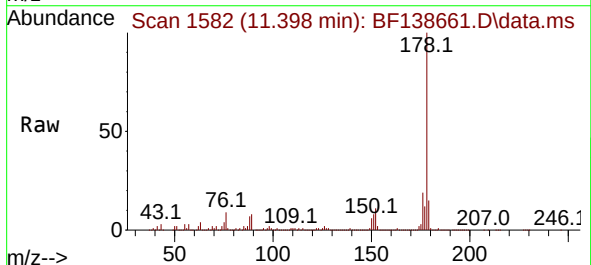
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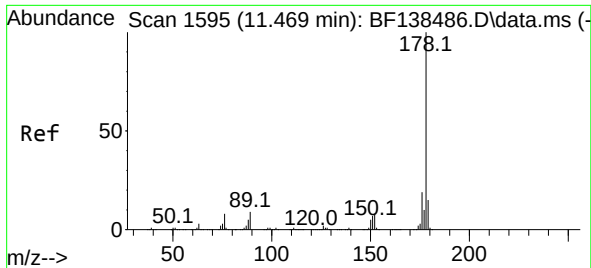
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#71
Phenanthrene
Concen: 33.909 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.018 min
Lab File: BF138661.D
Acq: 25 Jul 2024 19:22

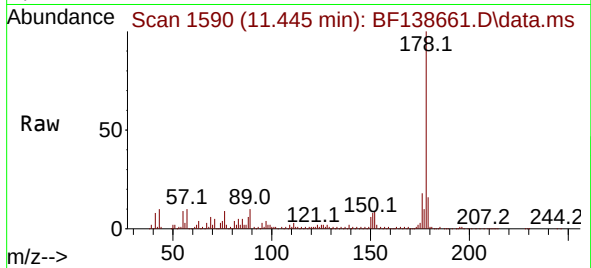
Tgt Ion:178 Resp: 346892
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.4 12.2 18.2





#72
 Anthracene
 Concen: 9.405 ng
 RT: 11.445 min Scan# 11
 Delta R.T. -0.023 min
 Lab File: BF138661.D
 Acq: 25 Jul 2024 19:22

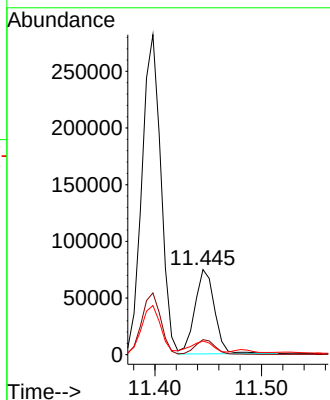
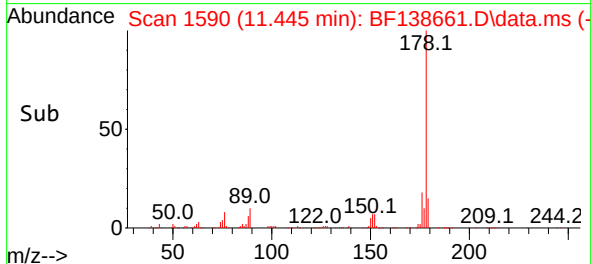
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-072324DL



Tgt Ion:178 Resp: 95510
 Ion Ratio Lower Upper
 178 100
 176 17.8 14.8 22.2
 179 16.1 12.2 18.4

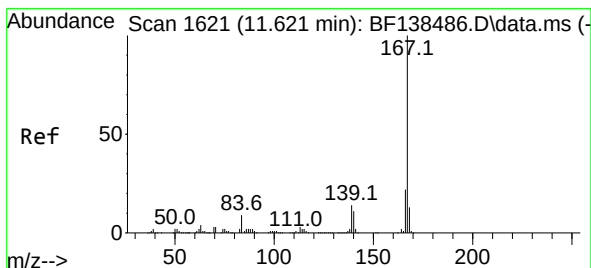
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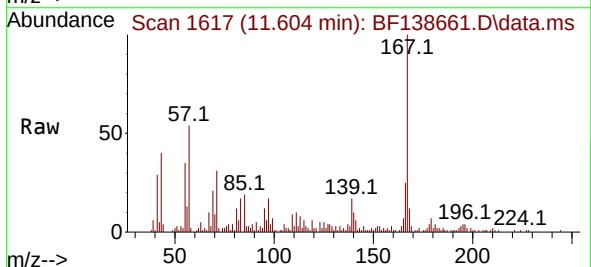


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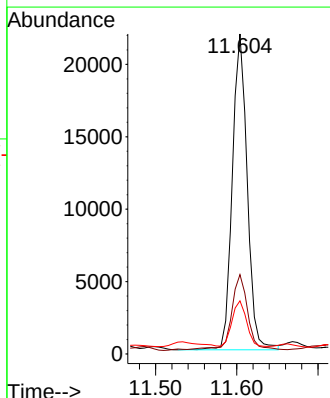
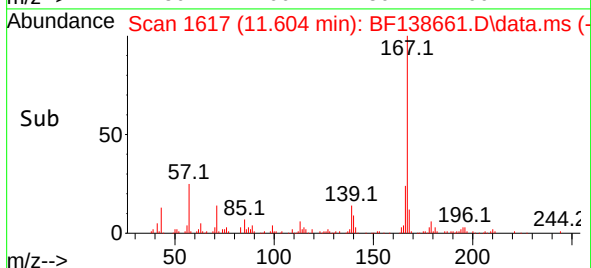
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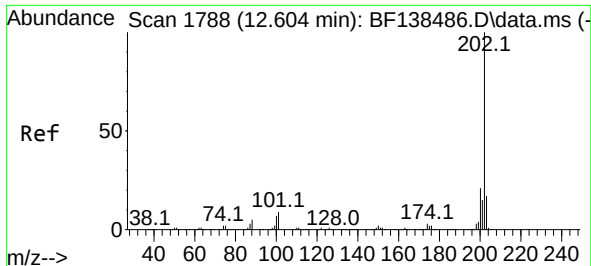


#73
 Carbazole
 Concen: 3.037 ng
 RT: 11.604 min Scan# 1617
 Delta R.T. -0.018 min
 Lab File: BF138661.D
 Acq: 25 Jul 2024 19:22



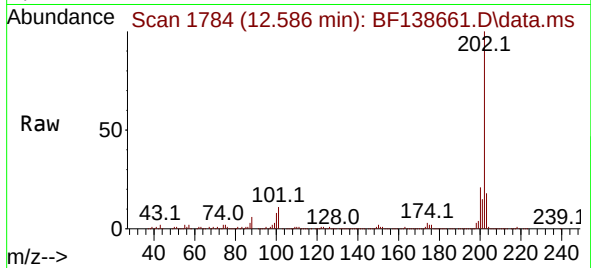
Tgt Ion:167 Resp: 27716
 Ion Ratio Lower Upper
 167 100
 166 24.8 17.8 26.6
 139 16.6 11.0 16.4#





#75
Fluoranthene
Concen: 28.766 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138661.D
Acq: 25 Jul 2024 19:22

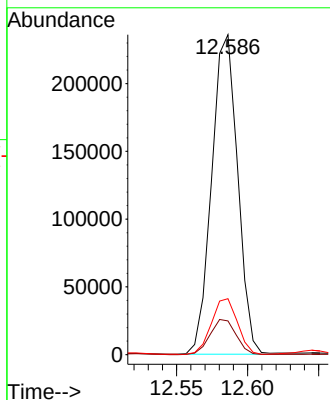
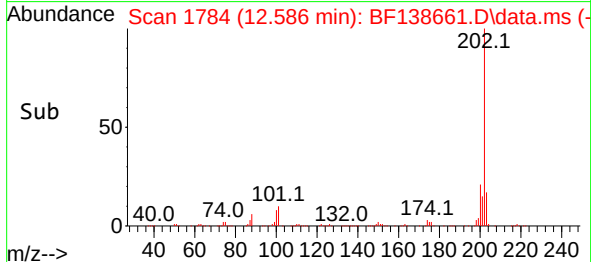
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:202 Resp: 300284
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.2
203 17.5 0.0 37.3

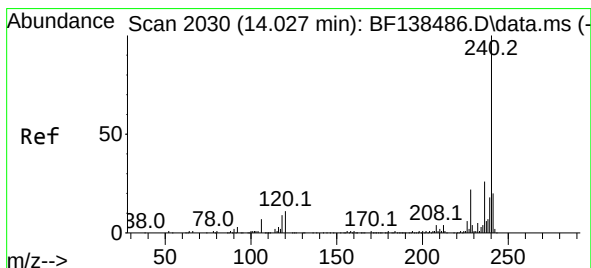
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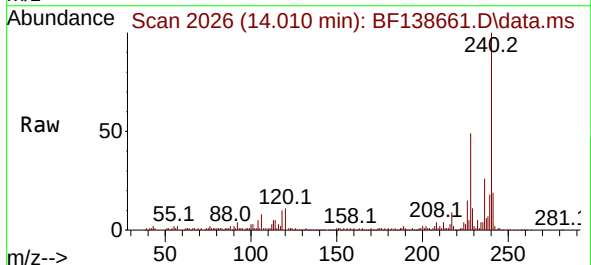


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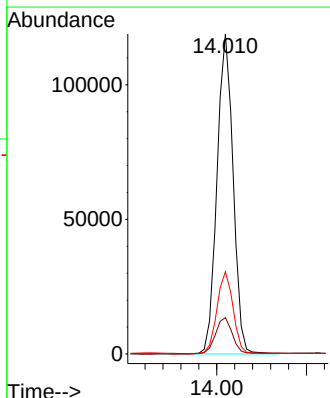
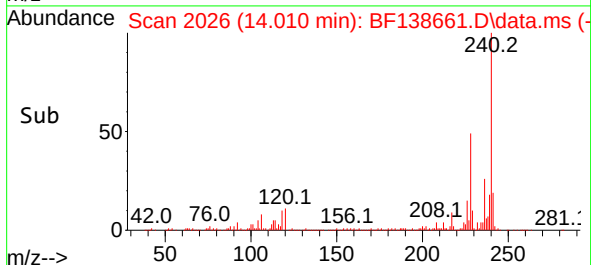
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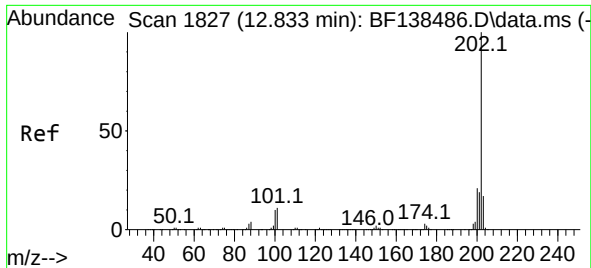


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BF138661.D
Acq: 25 Jul 2024 19:22



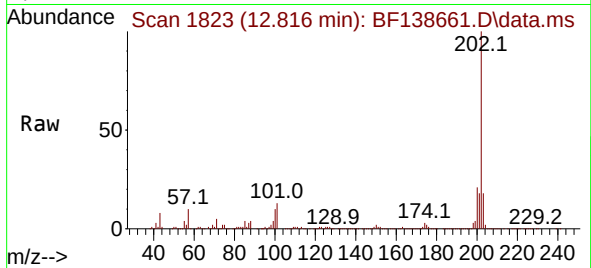
Tgt Ion:240 Resp: 148191
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 25.7 21.0 31.6





#78
Pyrene
Concen: 16.126 ng
RT: 12.816 min Scan# 1827
Delta R.T. -0.018 min
Lab File: BF138661.D
Acq: 25 Jul 2024 19:22

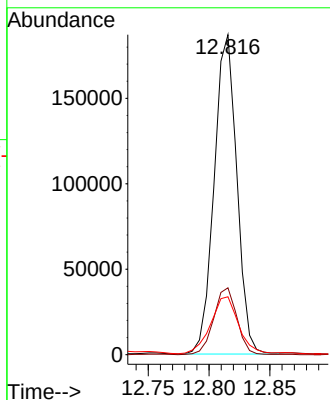
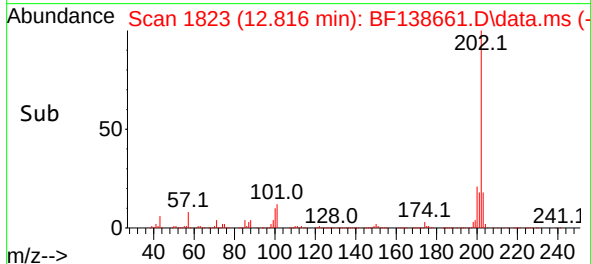
Instrument :
BNA_F
ClientSampleId :
SU-03-072324DL



Tgt Ion:202 Resp: 24259
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.6
203 18.1 13.7 20.5

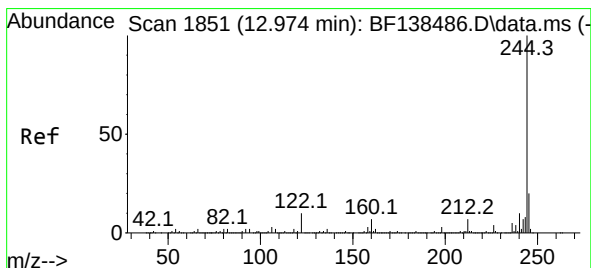
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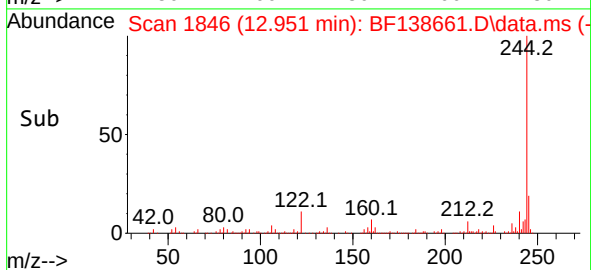
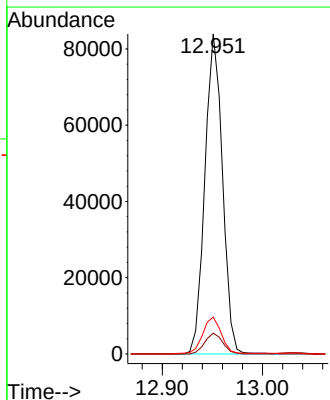
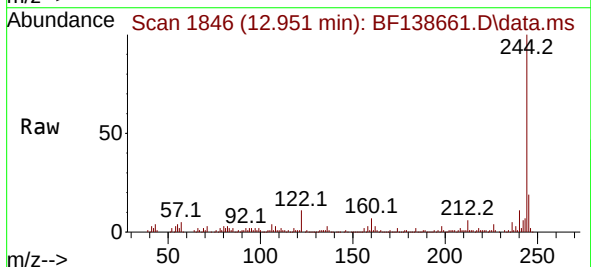
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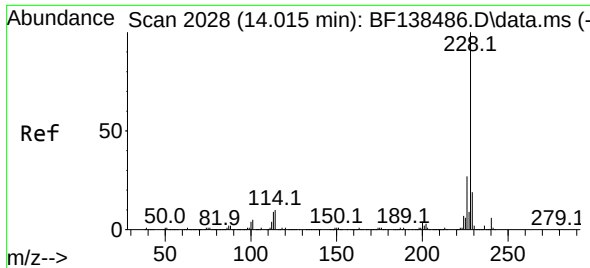
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#79
Terphenyl-d14
Concen: 11.231 ng
RT: 12.951 min Scan# 1846
Delta R.T. -0.023 min
Lab File: BF138661.D
Acq: 25 Jul 2024 19:22

Tgt Ion:244 Resp: 102166
Ion Ratio Lower Upper
244 100
212 6.5 5.5 8.3
122 11.5 7.8 11.8





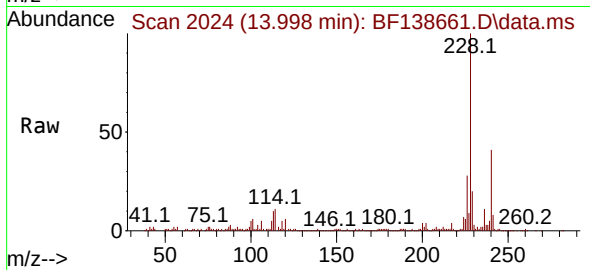
#81
Benzo(a)anthracene
Concen: 15.445 ng
RT: 13.998 min Scan# 2028
Delta R.T. -0.018 min
Lab File: BF138661.D
Acq: 25 Jul 2024 19:22

Instrument :

BNA_F

ClientSampleId :

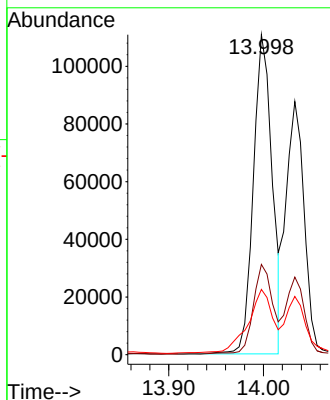
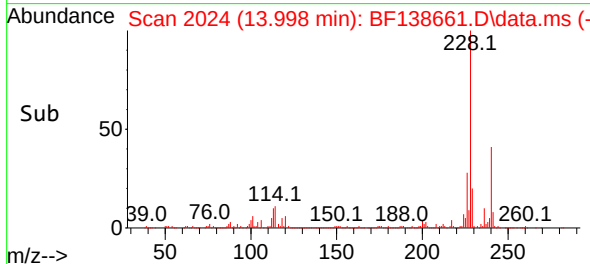
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Tgt Ion:228 Resp: 15358
Ion Ratio Lower Upper
228 100
226 28.2 21.9 32.9
229 20.4 15.5 23.3

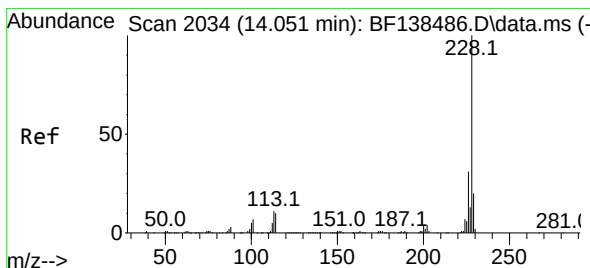
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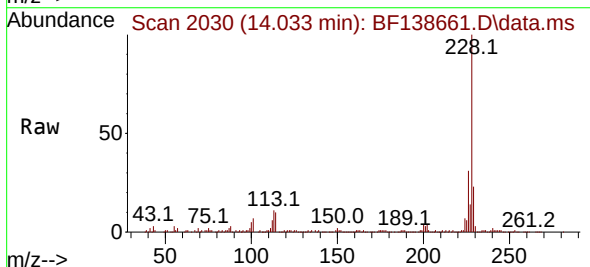


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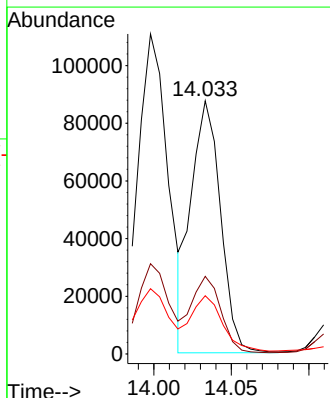
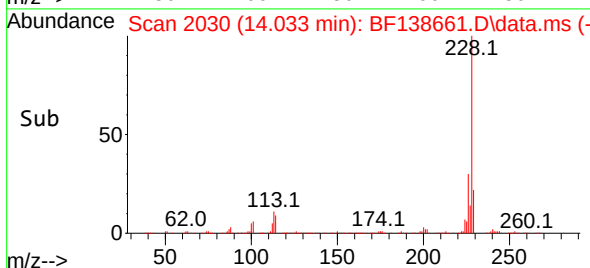
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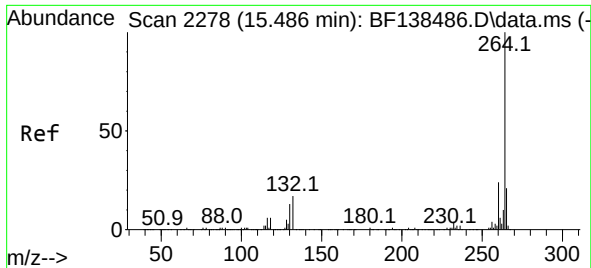


#83
Chrysene
Concen: 12.259 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.018 min
Lab File: BF138661.D
Acq: 25 Jul 2024 19:22



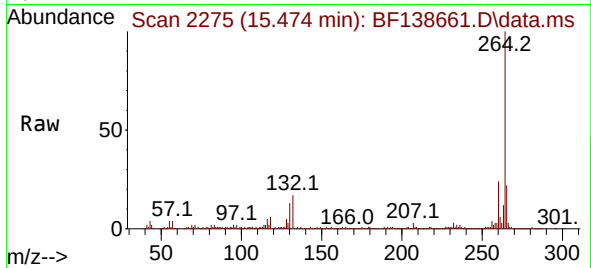
Tgt Ion:228 Resp: 115313
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 23.0 16.0 24.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138661.D
Acq: 25 Jul 2024 19:22

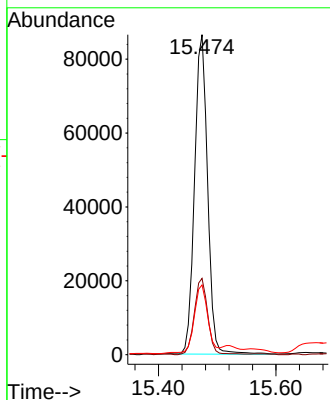
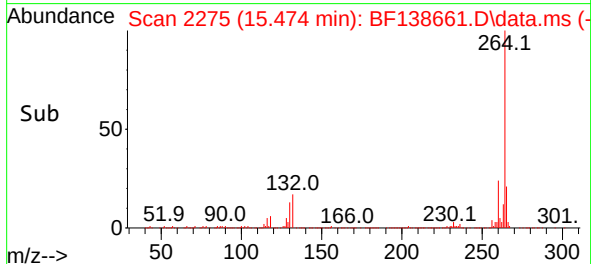
Instrument :
BNA_F
ClientSampleId :
SU-03-072324DL



Tgt Ion:264 Resp: 13314
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.8 17.0 25.4

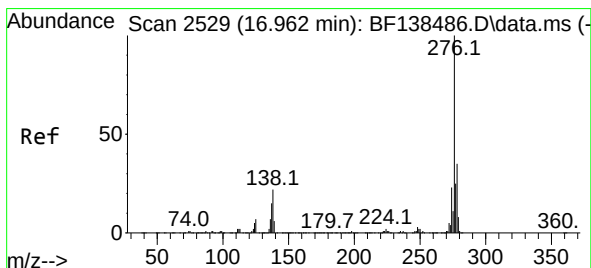
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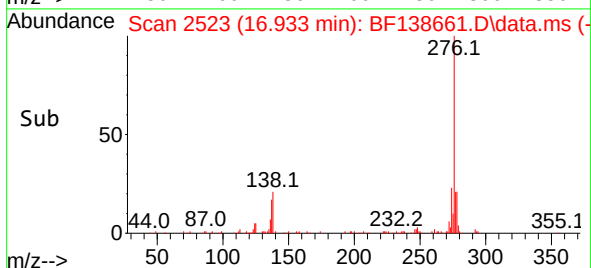
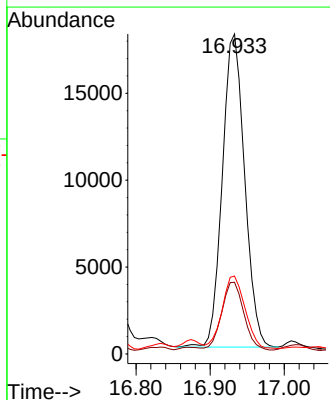
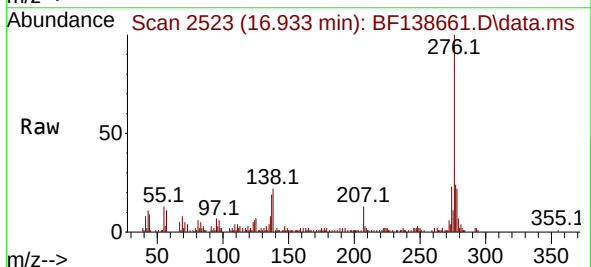
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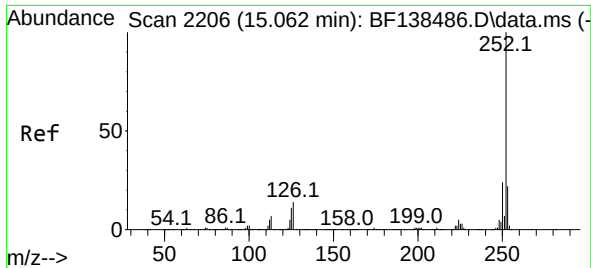
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.210 ng
RT: 16.933 min Scan# 2523
Delta R.T. -0.029 min
Lab File: BF138661.D
Acq: 25 Jul 2024 19:22

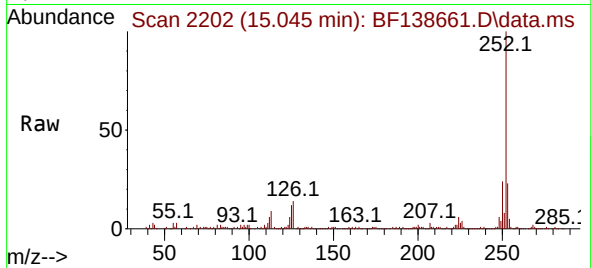
Tgt Ion:276 Resp: 37654
Ion Ratio Lower Upper
276 100
138 21.4 19.6 29.4
277 24.1 20.5 30.7





#88
Benzo(b)fluoranthene
Concen: 18.570 ng m
RT: 15.045 min Scan# 210
Delta R.T. -0.018 min
Lab File: BF138661.D
Acq: 25 Jul 2024 19:22

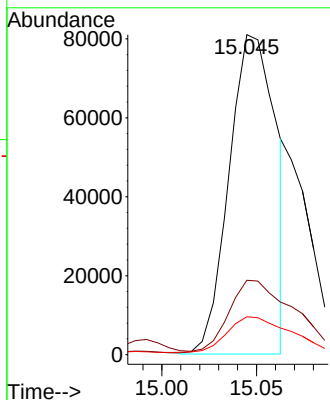
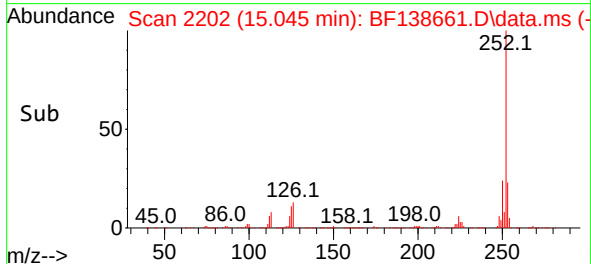
Instrument :
BNA_F
ClientSampleId :
SU-03-072324DL



Tgt Ion:252 Resp: 139245
Ion Ratio Lower Upper
252 100
253 23.2 17.3 25.9
125 11.9 8.6 13.0

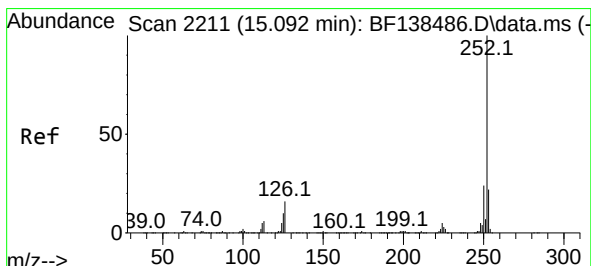
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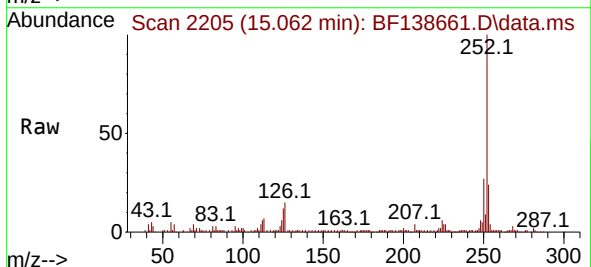


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Supervised By :mohammad
ahmed

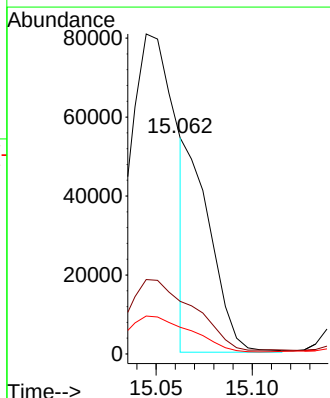
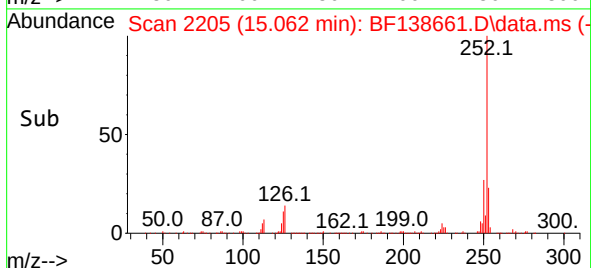
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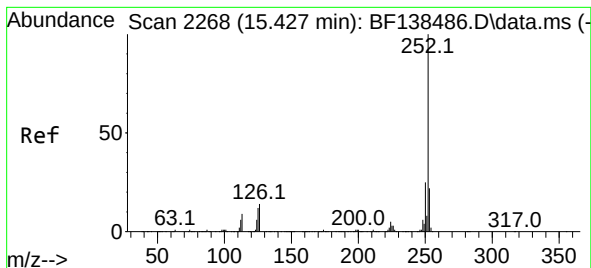


#89
Benzo(k)fluoranthene
Concen: 6.467 ng m
RT: 15.062 min Scan# 2205
Delta R.T. -0.029 min
Lab File: BF138661.D
Acq: 25 Jul 2024 19:22



Tgt Ion:252 Resp: 47296
Ion Ratio Lower Upper
252 100
253 24.3 17.7 26.5
125 12.4 8.1 12.1#





#90

Benzo(a)pyrene

Concen: 14.104 ng

RT: 15.410 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF138661.D

Acq: 25 Jul 2024 19:22

Instrument :

BNA_F

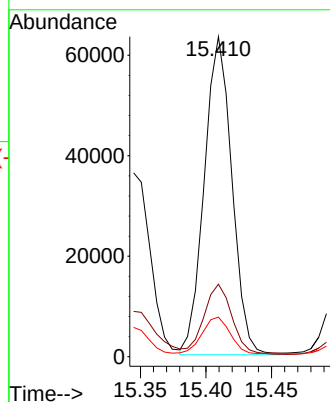
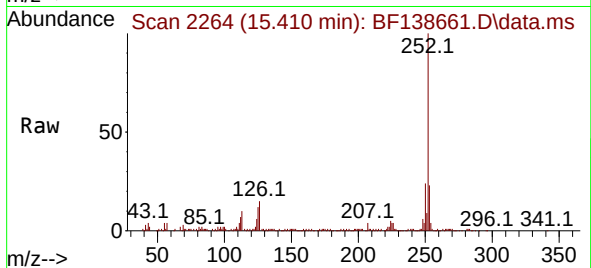
ClientSampleId :

SU-03-072324DL

Tgt Ion:252	Resp:	9290
Ion Ratio	Lower	Upper
252	100	
253	22.6	17.4 26.0
125	12.4	9.4 14.2

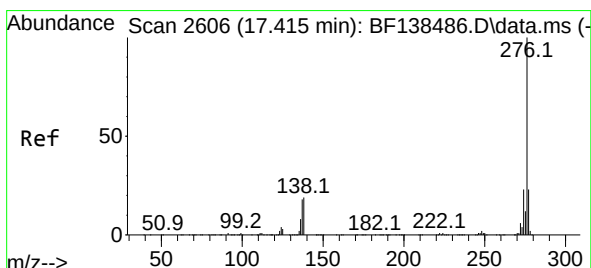
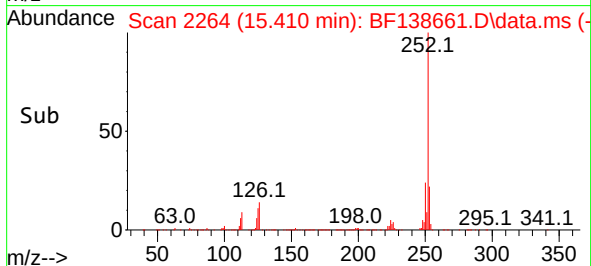
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#92

Benzo(g,h,i)perylene

Concen: 4.500 ng

RT: 17.374 min Scan# 2598

Delta R.T. -0.041 min

Lab File: BF138661.D

Acq: 25 Jul 2024 19:22

Tgt Ion:276	Resp:	34906
Ion Ratio	Lower	Upper
276	100	
277	25.7	18.0 27.0
138	24.1	15.5 23.3

