

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
 Data File : BP009078.D
 Acq On : 09 Feb 2022 15:16
 Operator : CG/JU
 Sample : N1397-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 KTS1-MH-02-0-15

Manual Integrations
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Reviewed By :Christian
 Giraldo

Quant Time: Feb 09 15:49:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							02/10/2022
1) 1,4-Dichlorobenzene-d4	7.805	152	240826	20.000	ng	0.00	Supervised By :Jagrut padhyay
21) Naphthalene-d8	10.604	136	917434	20.000	ng	0.00	
39) Acenaphthene-d10	14.451	164	607331	20.000	ng	0.00	
64) Phenanthrene-d10	17.216	188	1269393	20.000	ng	0.01	
76) Chrysene-d12	21.310	240	1099606	20.000	ng	0.01	
86) Perylene-d12	23.716	264	1135860	20.000	ng	0.02	02/11/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	1424475	105.511	ng	0.00	
7) Phenol-d6	6.993	99	1786968	100.451	ng	0.00	
23) Nitrobenzene-d5	8.963	82	1125154	69.162	ng	0.00	
42) 2,4,6-Tribromophenol	15.951	330	1133182	139.744	ng	0.00	
45) 2-Fluorobiphenyl	13.069	172	2884471	66.487	ng	0.00	
79) Terphenyl-d14	19.775	244	4184685	68.438	ng	0.00	
Target Compounds							Qvalue
10) Phenol	7.016	94	39904	2.231	ng	#	70
20) 3+4-Methylphenols	8.610	107	33345	2.032	ng	#	84
31) Naphthalene	10.652	128	177882	3.802	ng		98
37) 2-Methylnaphthalene	12.269	142	119194	3.600	ng	#	95
38) 1-Methylnaphthalene	12.487	142	96380	2.979	ng	#	97
49) Acenaphthylene	14.175	152	1026958	19.211	ng		95
71) Phenanthrene	17.257	178	378412	5.505	ng	#	86
72) Anthracene	17.345	178	486669	7.237	ng	#	89
75) Fluoranthene	19.228	202	1256132	16.306	ng		95
78) Pyrene	19.580	202	2506679	32.046	ng		98
81) Benzo(a)anthracene	21.292	228	1578065	22.270	ng		96
83) Chrysene	21.345	228	1771191m	25.928	ng		
87) Indeno(1,2,3-cd)pyrene	26.221	276	2091252	24.779	ng	#	93
88) Benzo(b)fluoranthene	22.986	252	3863524m	55.252	ng		
89) Benzo(k)fluoranthene	23.021	252	1095417m	15.702	ng		
90) Benzo(a)pyrene	23.610	252	3397735	58.282	ng		97
91) Dibenzo(a,h)anthracene	26.221	278	596266	8.597	ng	#	92
92) Benzo(g,h,i)perylene	26.992	276	1975116	28.602	ng		96

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

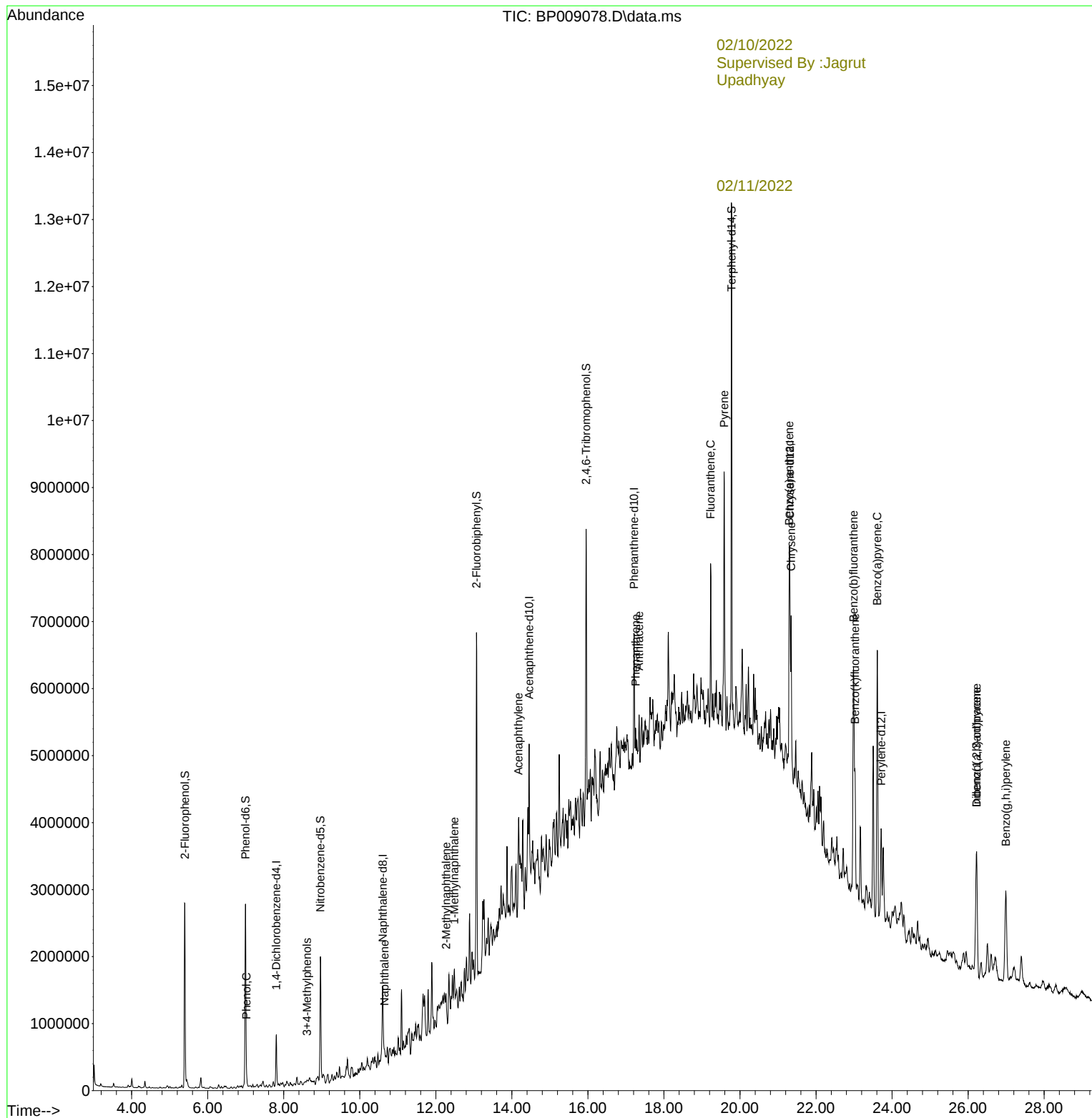
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009078.D
Acq On : 09 Feb 2022 15:16
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

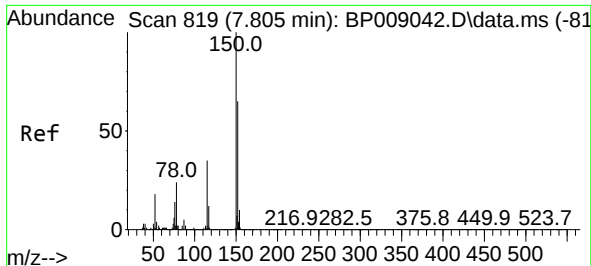
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Quant Time: Feb 09 15:49:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

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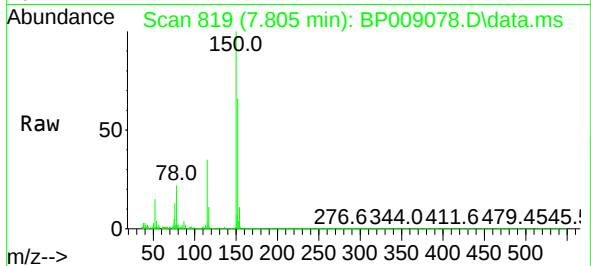
Reviewed By :Christian
Giraldo





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

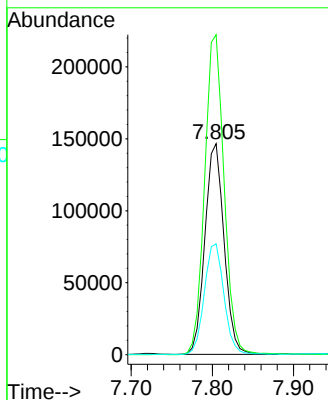
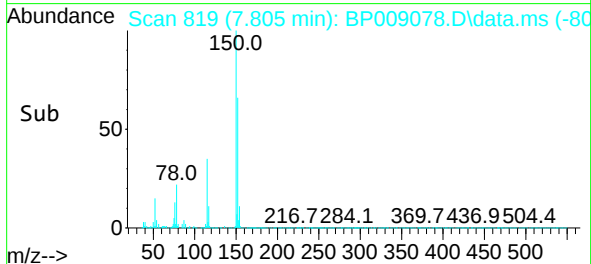
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15



Tgt Ion:152 Resp: 240820
Ion Ratio Lower Upper
152 100
150 151.6 127.0 190.6
115 52.5 43.7 65.5

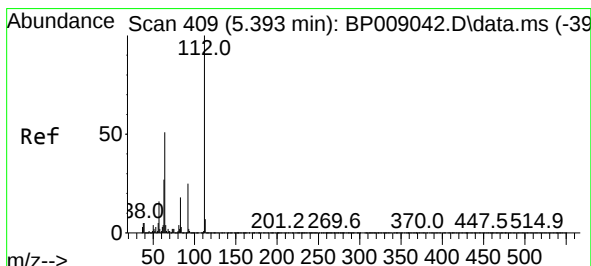
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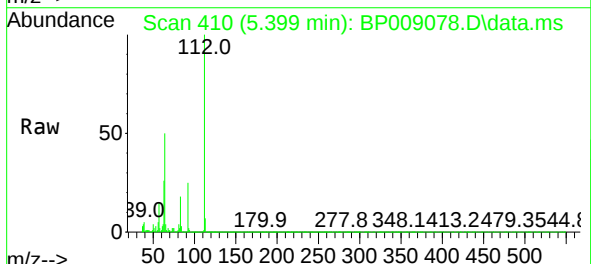


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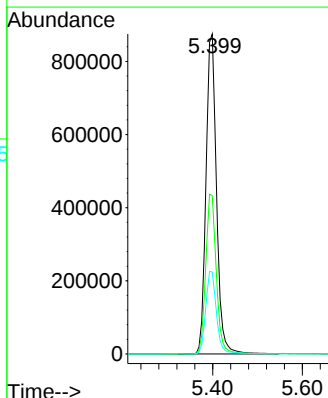
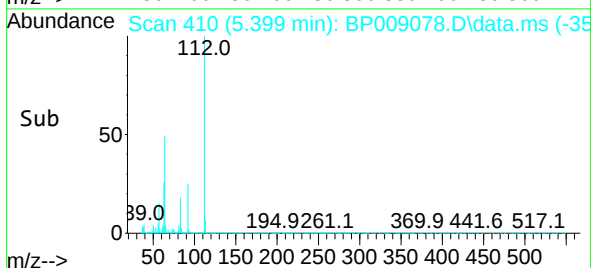
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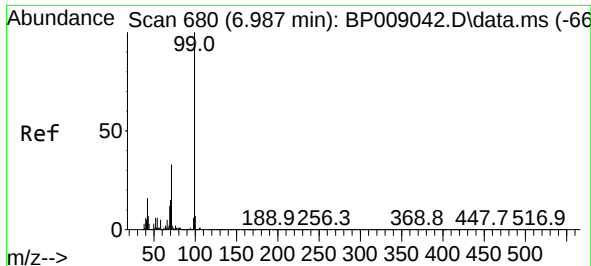


#5
2-Fluorophenol
Concen: 105.511 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16



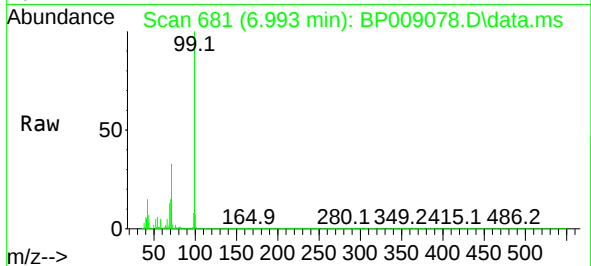
Tgt Ion:112 Resp: 1424475
Ion Ratio Lower Upper
112 100
64 49.5 39.7 59.5
63 25.6 20.0 30.0





#7
Phenol-d6
Concen: 100.451 ng
RT: 6.993 min Scan# 680
Delta R.T. 0.006 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

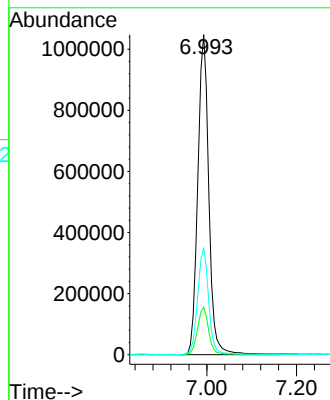
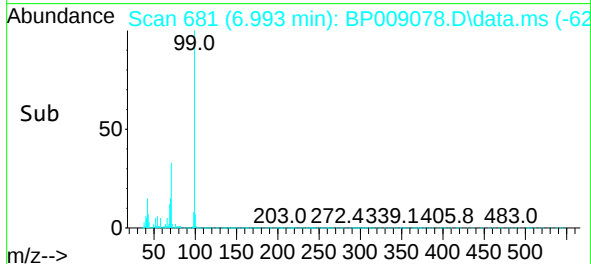
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15



Tgt Ion: 99 Resp: 178696
Ion Ratio Lower Upper
99 100
42 14.7 10.8 16.2
71 33.1 23.8 35.6

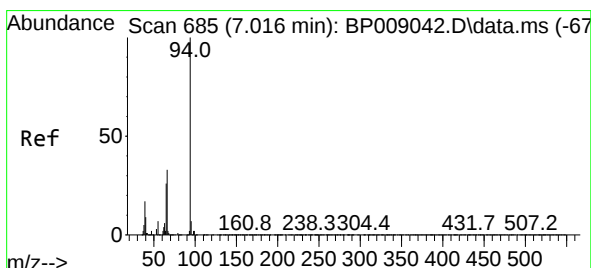
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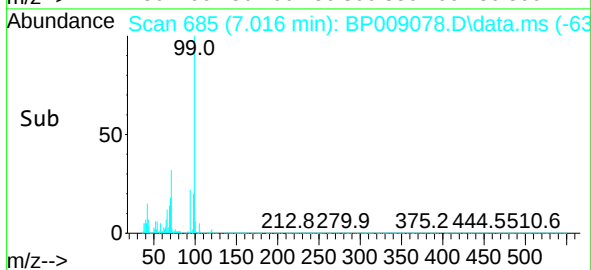
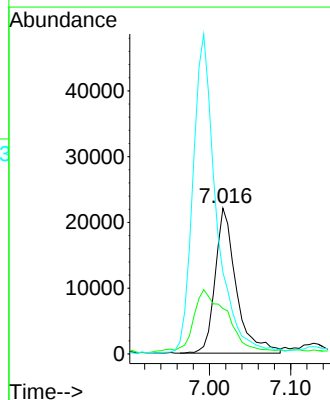
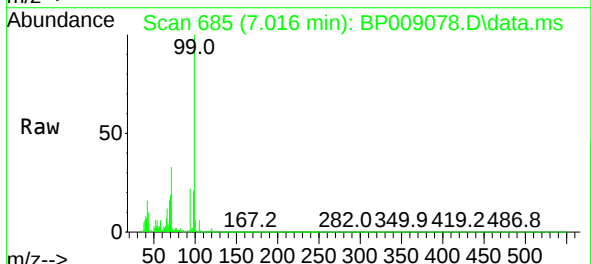
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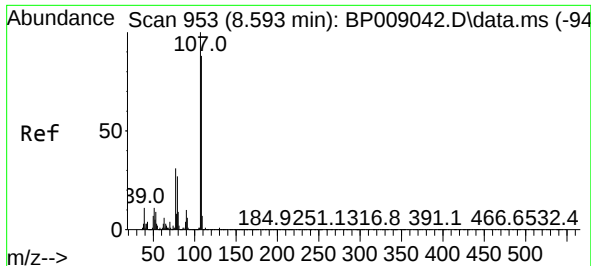
02/11/2022



#10
Phenol
Concen: 2.231 ng
RT: 7.016 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

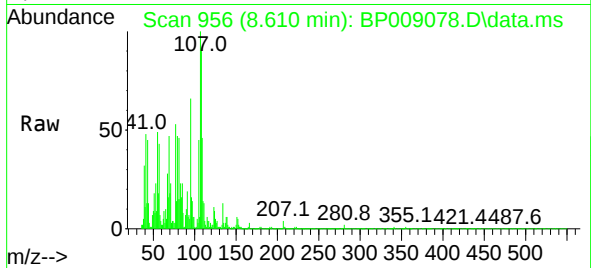
Tgt Ion: 94 Resp: 39904
Ion Ratio Lower Upper
94 100
65 31.2 4.1 44.1
66 56.1 12.4 52.4





#20
3+4-Methylphenols
Concen: 2.032 ng
RT: 8.610 min Scan# 953
Delta R.T. 0.018 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

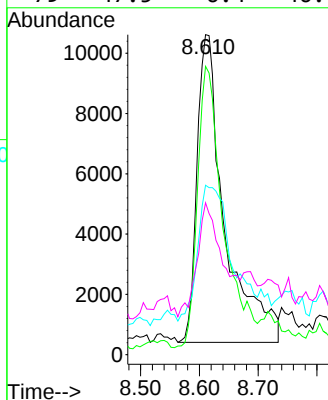
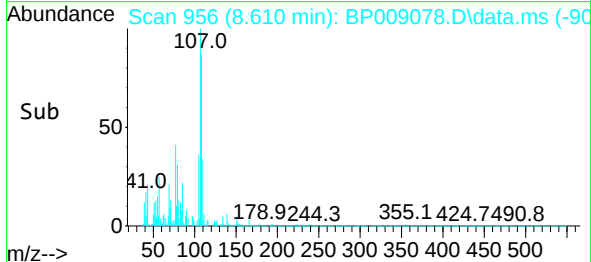
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15



Tgt Ion:107 Resp: 3334
Ion Ratio Lower Upper
107 100
108 90.1 69.8 109.8
77 52.9 10.4 50.4
79 47.5 6.4 46.4

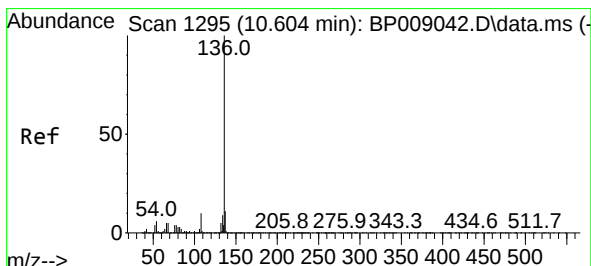
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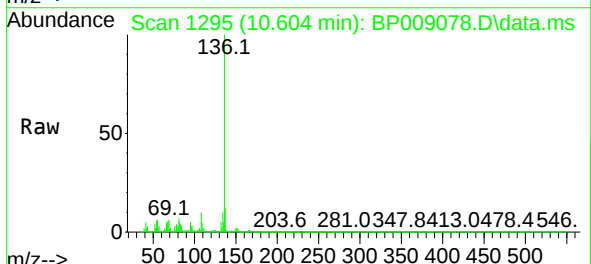


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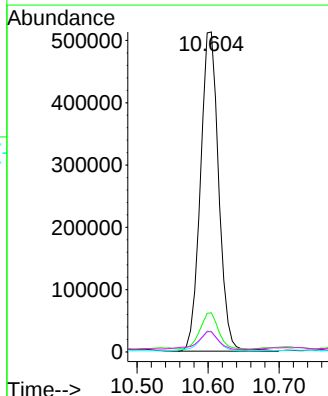
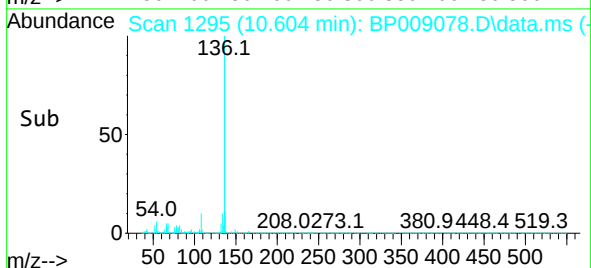
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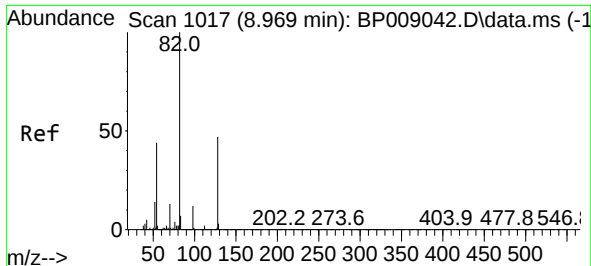


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16



Tgt Ion:136 Resp: 917434
Ion Ratio Lower Upper
136 100
137 12.3 9.0 13.4
54 6.4 4.9 7.3
68 6.3 4.3 6.5





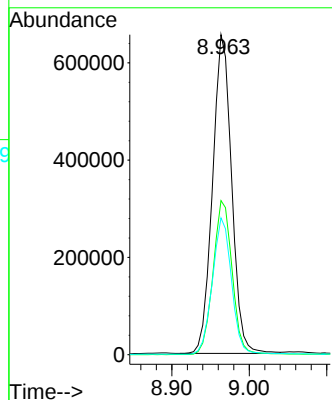
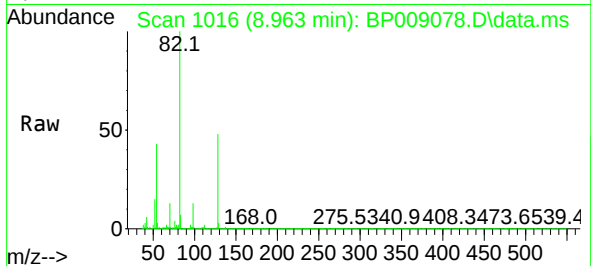
#23
Nitrobenzene-d5
Concen: 69.162 ng
RT: 8.963 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Tgt Ion: 82 Resp: 1125154
Ion Ratio Lower Upper
82 100
128 48.2 39.4 59.2
54 42.8 32.6 48.8

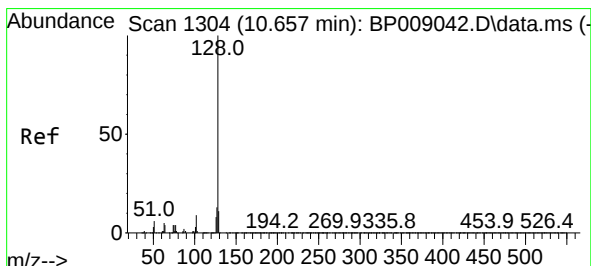
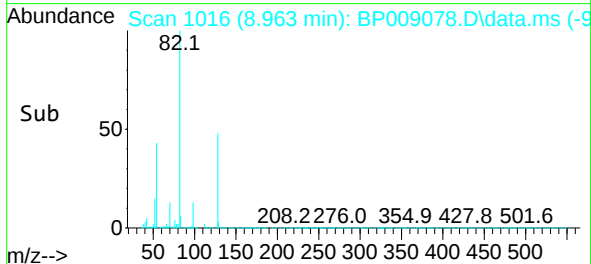
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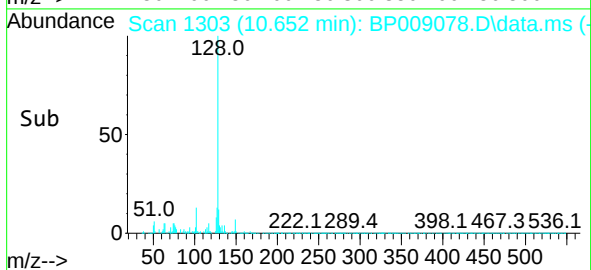
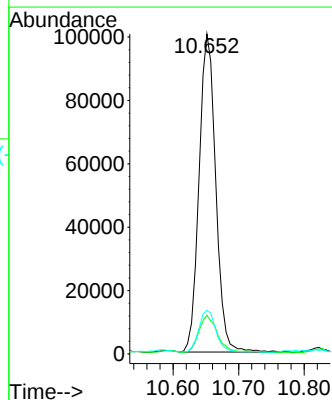
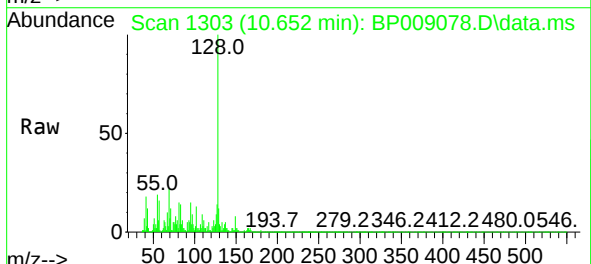
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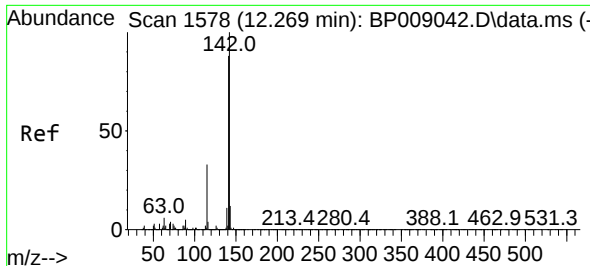
02/11/2022



#31
Naphthalene
Concen: 3.802 ng
RT: 10.652 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

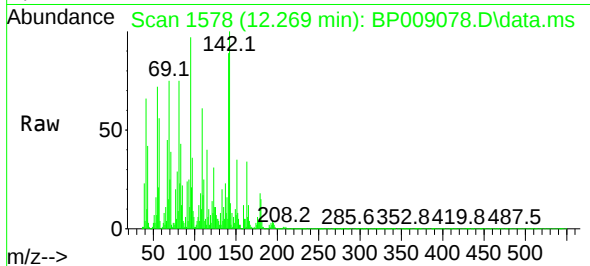
Tgt Ion:128 Resp: 177882
Ion Ratio Lower Upper
128 100
129 12.1 8.8 13.2
127 13.6 10.4 15.6





#37
2-Methylnaphthalene
Concen: 3.600 ng
RT: 12.269 min Scan# 119194
Delta R.T. 0.000 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

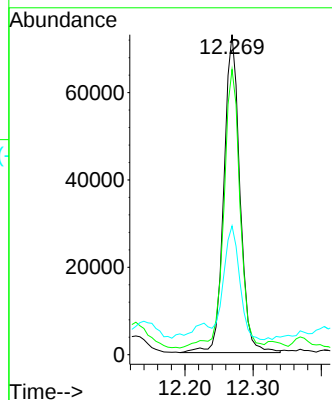
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15



Tgt Ion:142 Resp: 119194
Ion Ratio Lower Upper
142 100
141 89.1 70.5 105.7
115 40.2 24.6 36.8

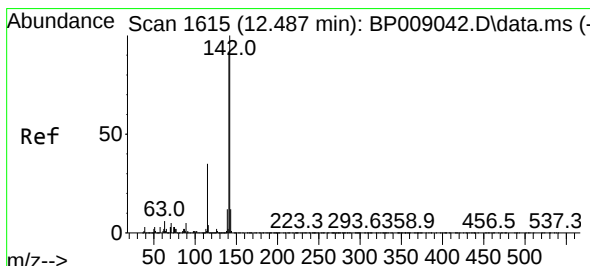
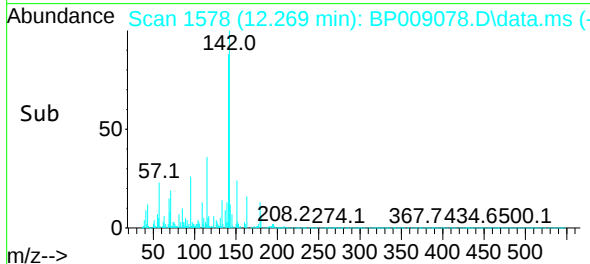
Manual Integrations
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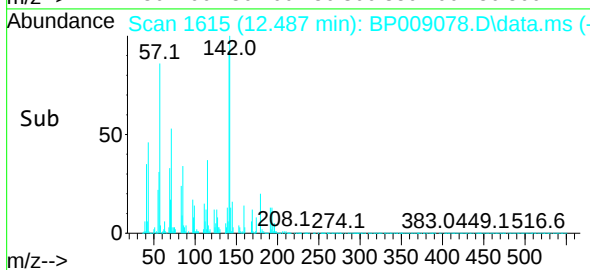
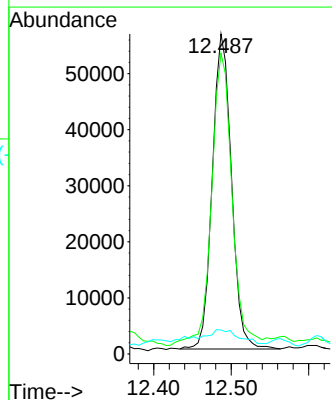
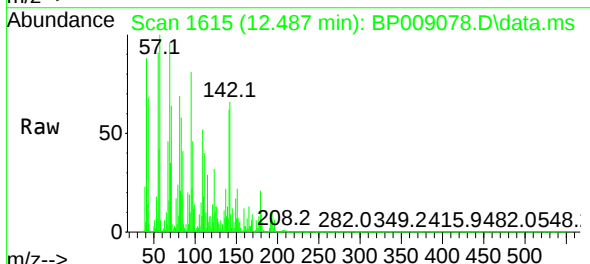
02/10/2022
Supervised By :Jagrut
Upadhyay

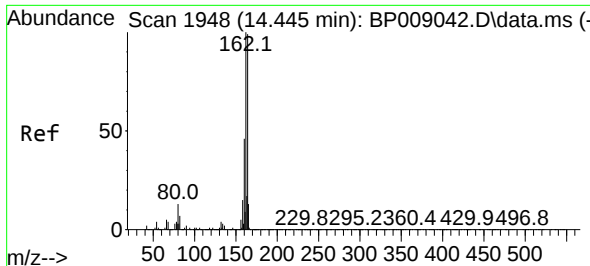
02/11/2022



#38
1-Methylnaphthalene
Concen: 2.979 ng
RT: 12.487 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

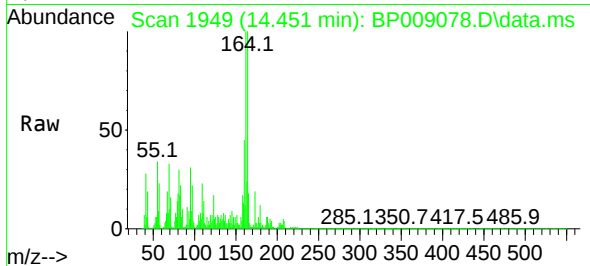
Tgt Ion:142 Resp: 96380
Ion Ratio Lower Upper
142 100
141 94.0 73.2 109.8
116 7.5 2.7 4.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1948
Delta R.T. 0.006 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

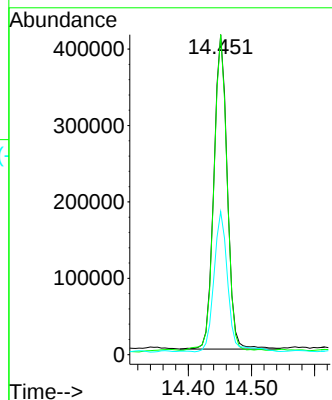
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15



Tgt Ion:164 Resp: 60733
Ion Ratio Lower Upper
164 100
162 100.0 79.9 119.9
160 44.7 35.5 53.3

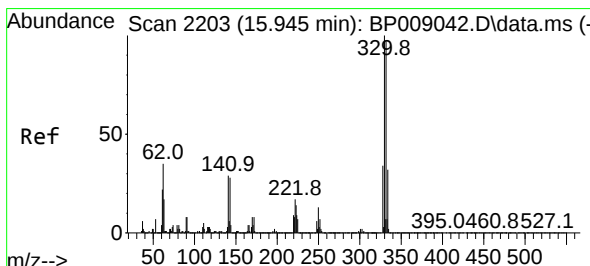
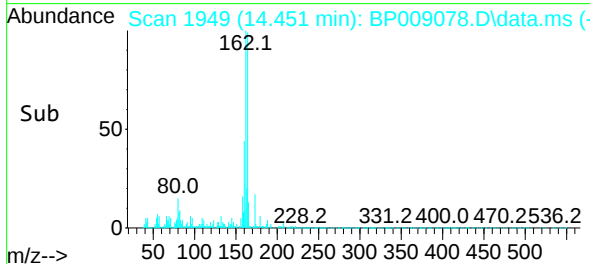
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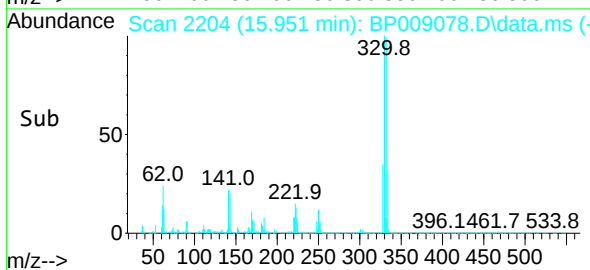
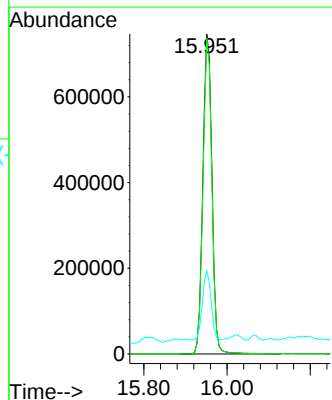
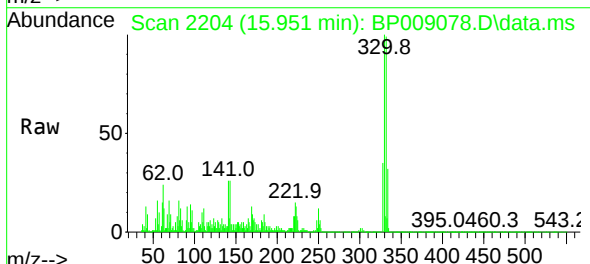
02/10/2022
Supervised By :Jagrut
Upadhyay

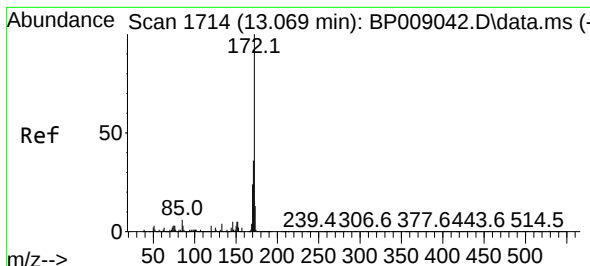
02/11/2022



#42
2,4,6-Tribromophenol
Concen: 139.744 ng
RT: 15.951 min Scan# 2204
Delta R.T. 0.006 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

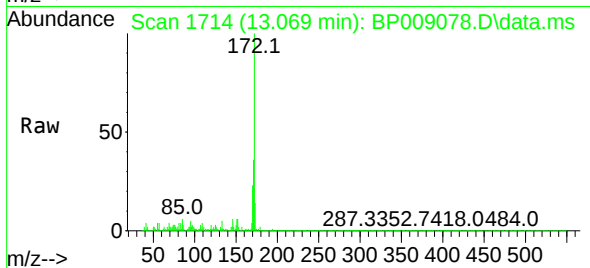
Tgt Ion:330 Resp: 1133182
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 21.0 21.3 31.9





#45
2-Fluorobiphenyl
Concen: 66.487 ng
RT: 13.069 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

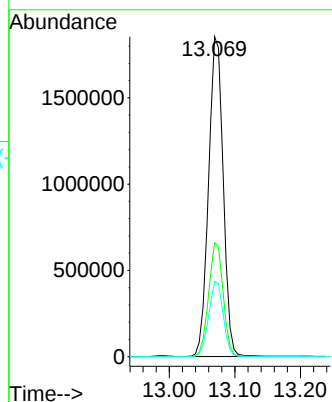
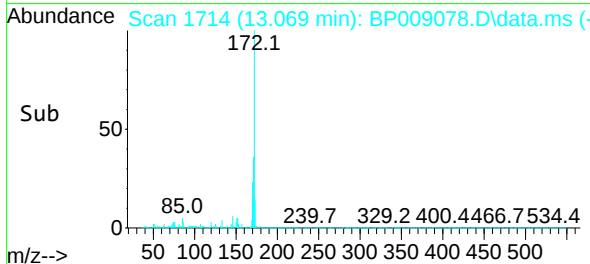
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15



Tgt Ion:172 Resp: 288447
Ion Ratio Lower Upper
172 100
171 35.7 29.3 43.9
170 23.5 19.5 29.3

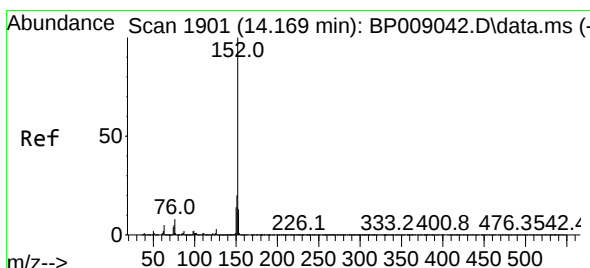
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Reviewed By :Christian
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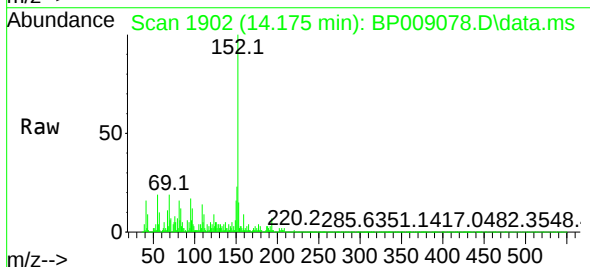


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Supervised By :Jagrut
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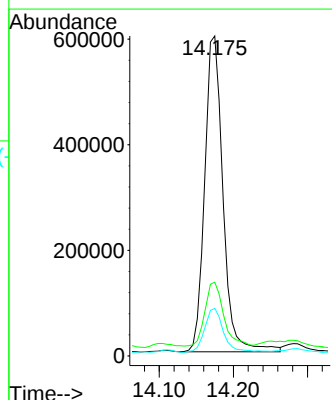
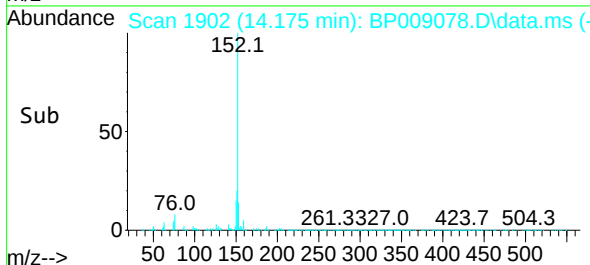
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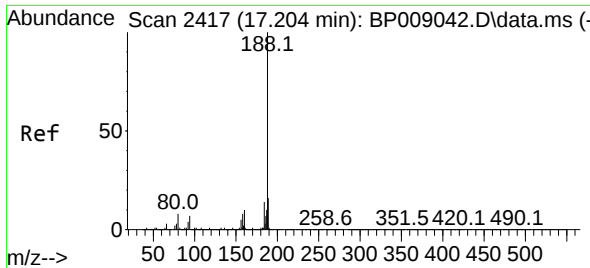


#49
Acenaphthylene
Concen: 19.211 ng
RT: 14.175 min Scan# 1902
Delta R.T. 0.006 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16



Tgt Ion:152 Resp: 1026958
Ion Ratio Lower Upper
152 100
151 23.1 16.1 24.1
153 14.9 10.6 16.0





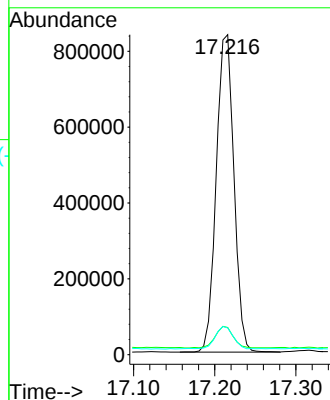
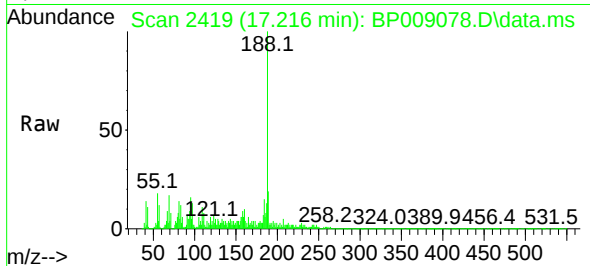
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. 0.012 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Tgt Ion:188 Resp: 126939
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 8.3 7.2 10.8

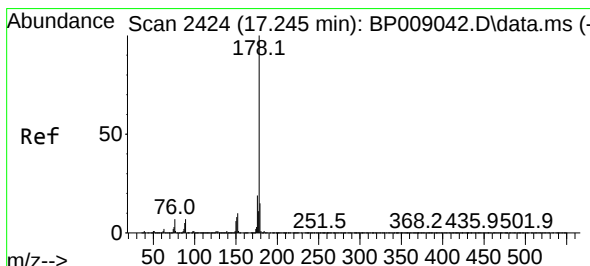
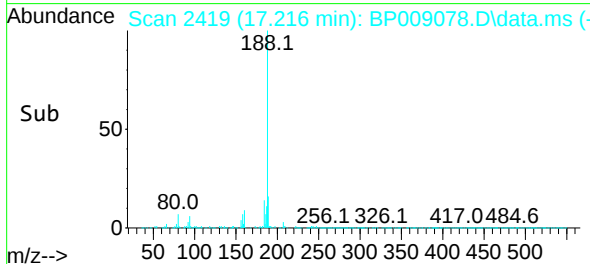
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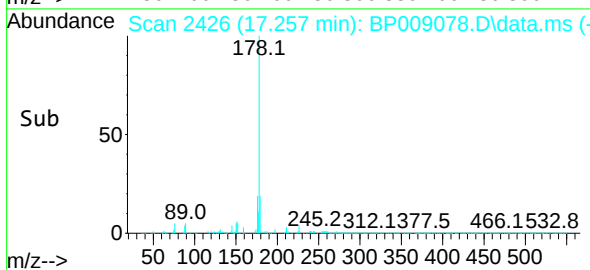
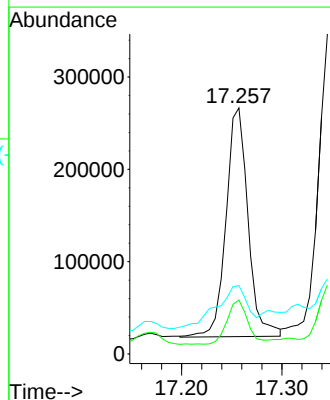
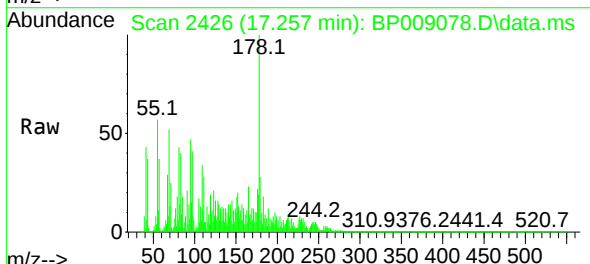
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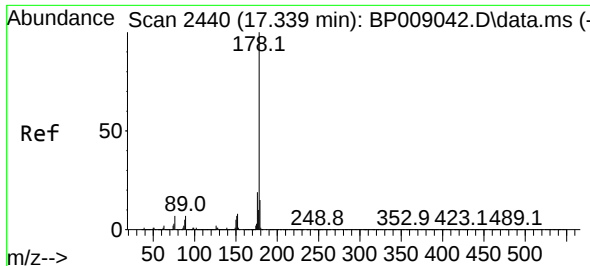
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#71
Phenanthrene
Concen: 5.505 ng
RT: 17.257 min Scan# 2426
Delta R.T. 0.012 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

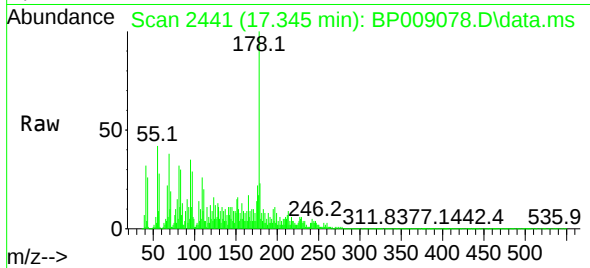
Tgt Ion:178 Resp: 378412
Ion Ratio Lower Upper
178 100
176 21.9 16.0 24.0
179 27.8 13.0 19.4





#72
 Anthracene
 Concen: 7.237 ng
 RT: 17.345 min Scan# 2440
 Delta R.T. 0.006 min
 Lab File: BP009078.D
 Acq: 09 Feb 2022 15:16

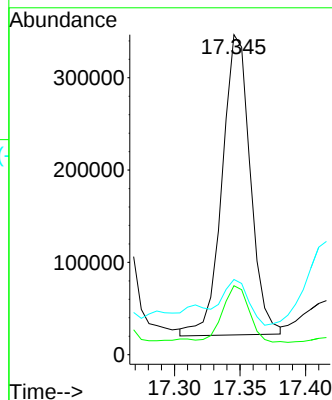
Instrument :
 BNA_P
 ClientSampleId :
 KTS1-MH-02-0-15



Tgt Ion:178 Resp: 486669
 Ion Ratio Lower Upper
 178 100
 176 21.5 15.1 22.7
 179 23.5 12.8 19.2

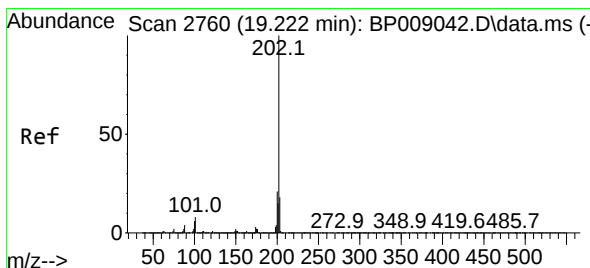
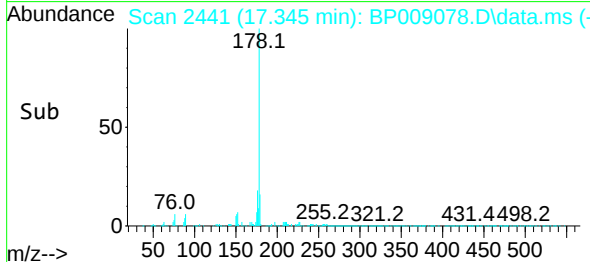
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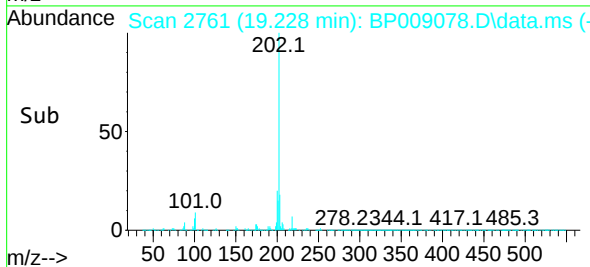
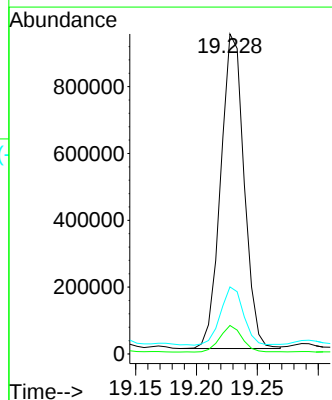
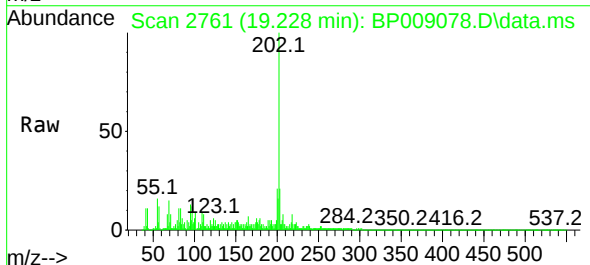
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 Upadhyay

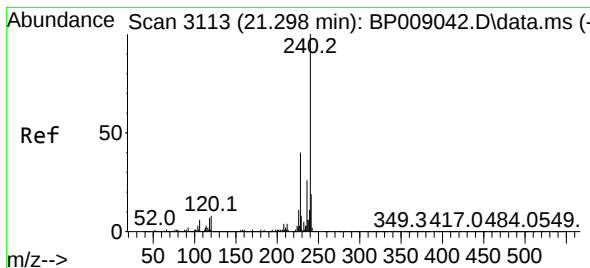
02/11/2022



#75
 Fluoranthene
 Concen: 16.306 ng
 RT: 19.228 min Scan# 2761
 Delta R.T. 0.006 min
 Lab File: BP009078.D
 Acq: 09 Feb 2022 15:16

Tgt Ion:202 Resp: 1256132
 Ion Ratio Lower Upper
 202 100
 101 8.9 0.0 30.7
 203 21.0 0.0 38.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.310 min Scan# 3115

Delta R.T. 0.012 min

Lab File: BP009078.D

Acq: 09 Feb 2022 15:16

Instrument :

BNP_P

ClientSampleId :

KTS1-MH-02-0-15

Tgt Ion:240 Resp: 1099600

Ion Ratio Lower Upper

240 100

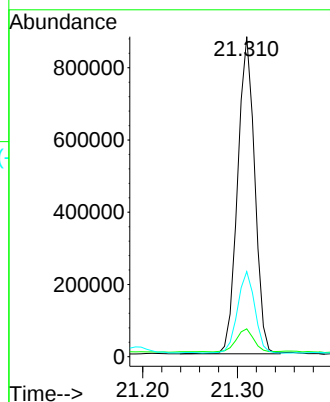
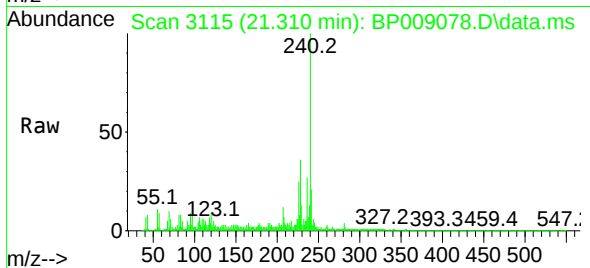
120 8.7 7.7 11.5

236 26.6 21.2 31.8

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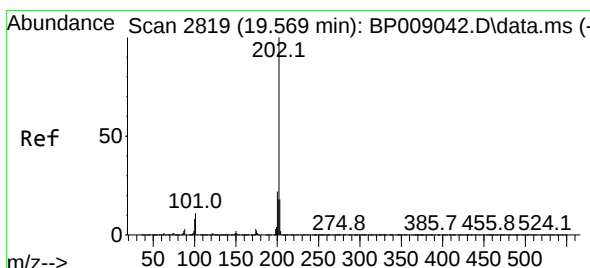
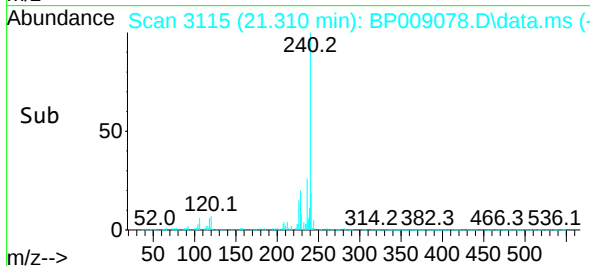
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#78

Pyrene

Concen: 32.046 ng

RT: 19.580 min Scan# 2821

Delta R.T. 0.012 min

Lab File: BP009078.D

Acq: 09 Feb 2022 15:16

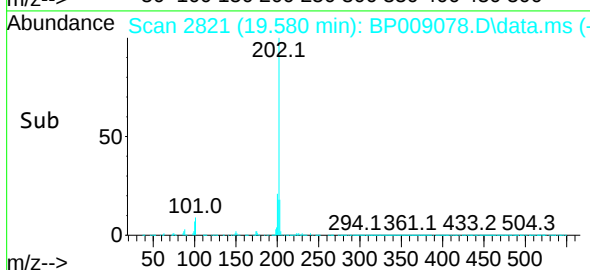
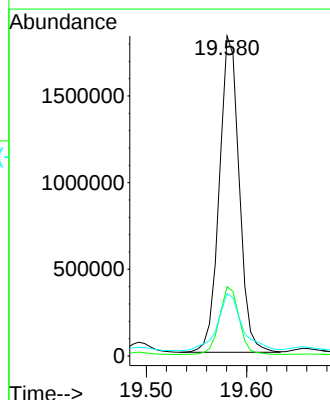
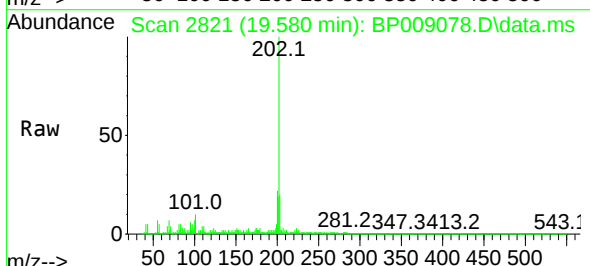
Tgt Ion:202 Resp: 2506679

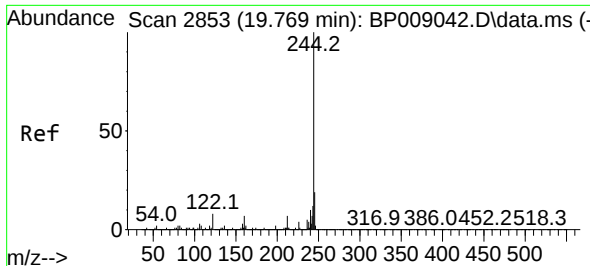
Ion Ratio Lower Upper

202 100

200 21.6 18.0 27.0

203 19.5 15.0 22.6





#79
 Terphenyl-d14
 Concen: 68.438 ng
 RT: 19.775 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP009078.D
 Acq: 09 Feb 2022 15:16

Instrument :

BNA_P

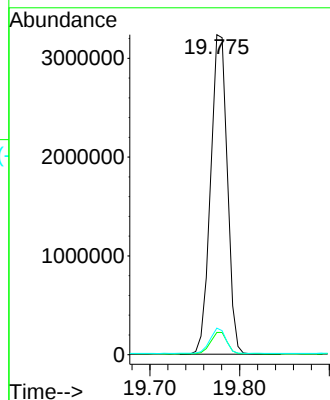
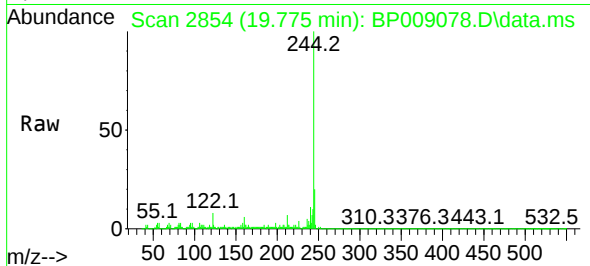
ClientSampleId :

KTS1-MH-02-0-15

Tgt Ion:244 Resp: 418468
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 8.3 9.2 13.8

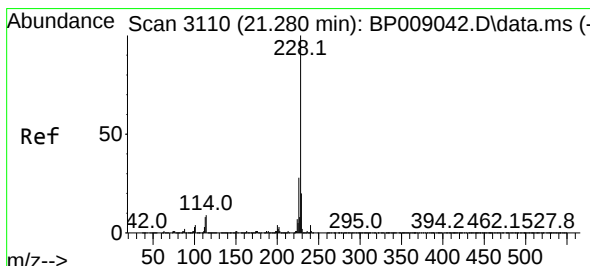
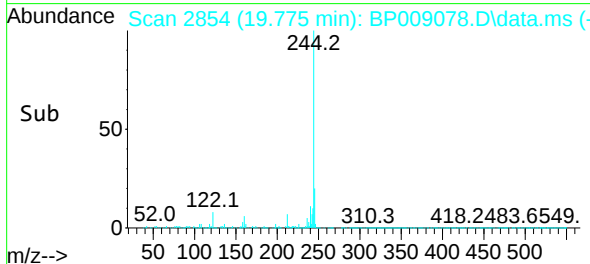
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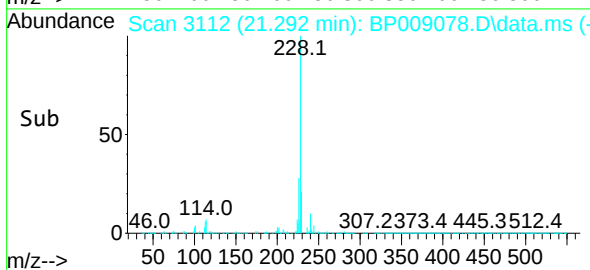
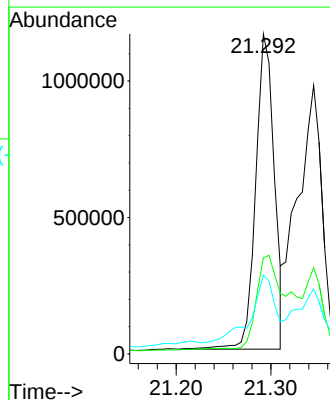
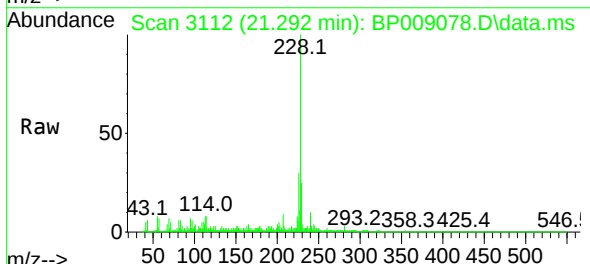
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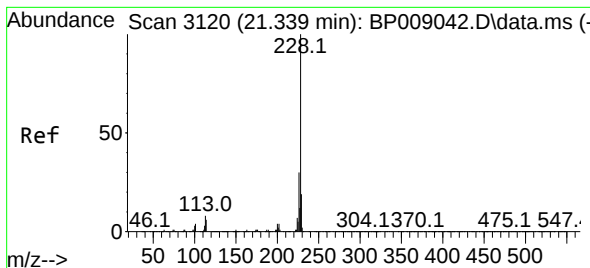
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#81
 Benzo(a)anthracene
 Concen: 22.270 ng
 RT: 21.292 min Scan# 3112
 Delta R.T. 0.012 min
 Lab File: BP009078.D
 Acq: 09 Feb 2022 15:16

Tgt Ion:228 Resp: 1578065
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.3 34.9
 229 24.6 17.0 25.6





#83

Chrysene

Concen: 25.928 ng m

RT: 21.345 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP009078.D

Acq: 09 Feb 2022 15:16

Instrument :

BNA_P

ClientSampleId :

KTS1-MH-02-0-15

Tgt Ion:228 Resp: 177119

Ion Ratio Lower Upper

228 100

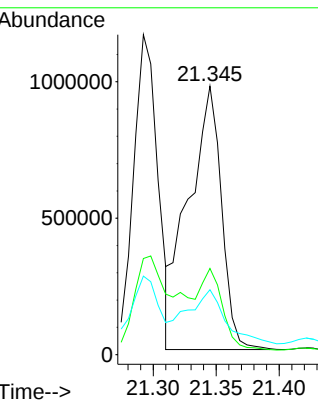
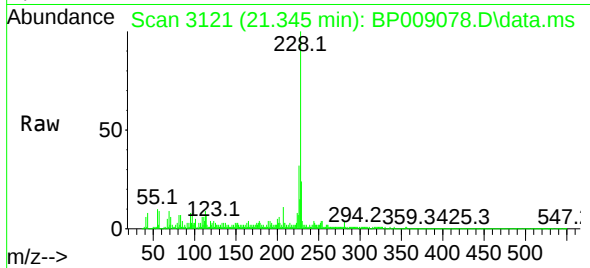
226 32.2 26.0 39.0

229 24.2 16.9 25.3

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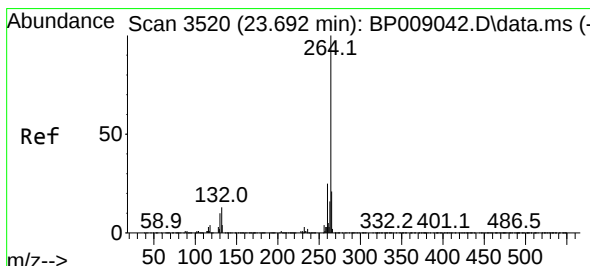
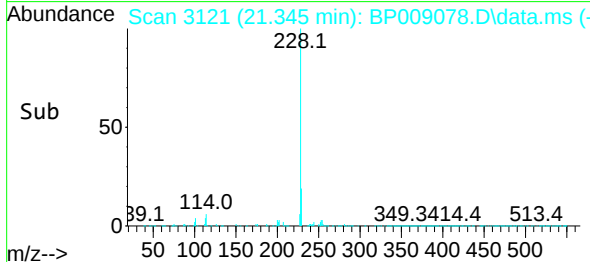
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#86

Perylene-d12

Concen: 20.000 ng

RT: 23.716 min Scan# 3524

Delta R.T. 0.024 min

Lab File: BP009078.D

Acq: 09 Feb 2022 15:16

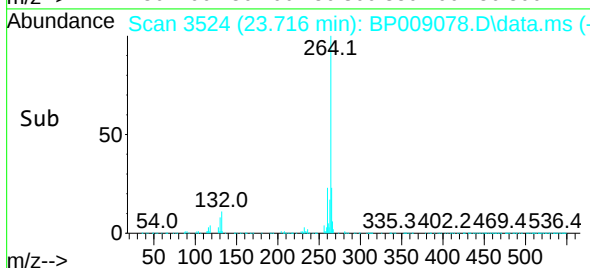
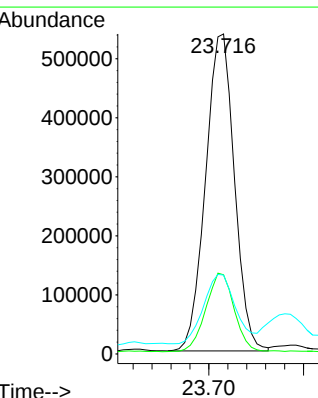
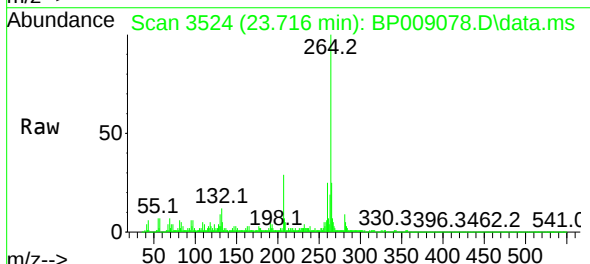
Tgt Ion:264 Resp: 1135860

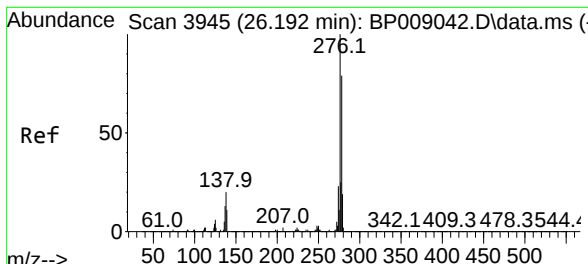
Ion Ratio Lower Upper

264 100

260 24.8 19.1 28.7

265 24.7 17.1 25.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 24.779 ng
 RT: 26.221 min Scan# 3945
 Delta R.T. 0.029 min
 Lab File: BP009078.D
 Acq: 09 Feb 2022 15:16

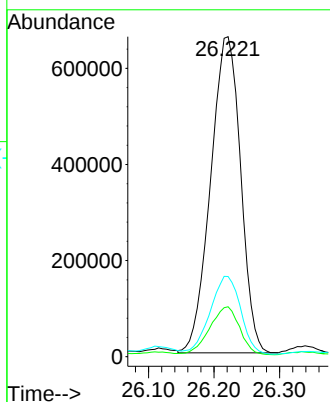
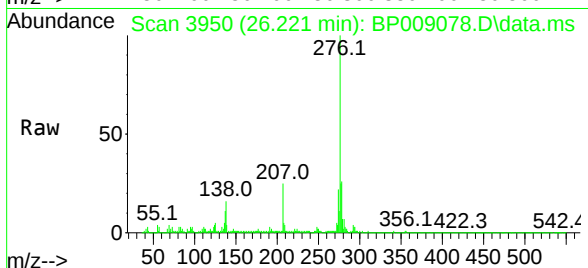
Instrument :
 BNA_P
 ClientSampleId :
 KTS1-MH-02-0-15

Tgt Ion: 276 Resp: 209125

Ion	Ratio	Lower	Upper
276	100		
138	15.2	17.8	26.6
277	25.1	20.4	30.6

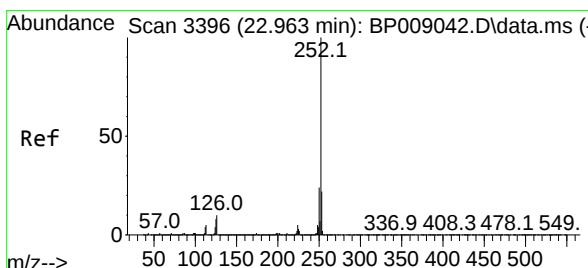
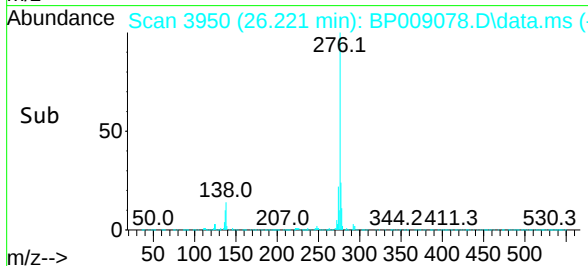
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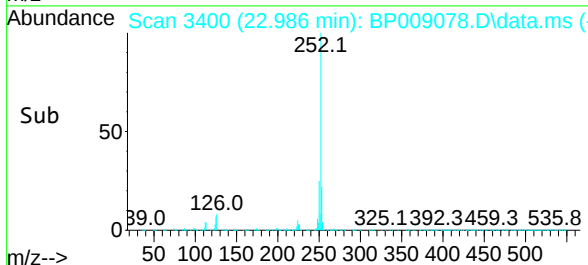
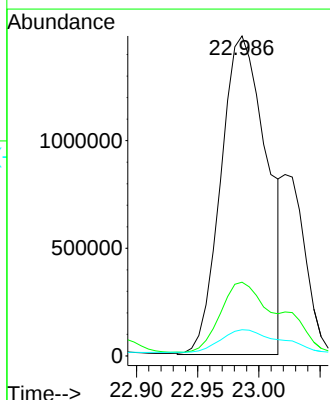
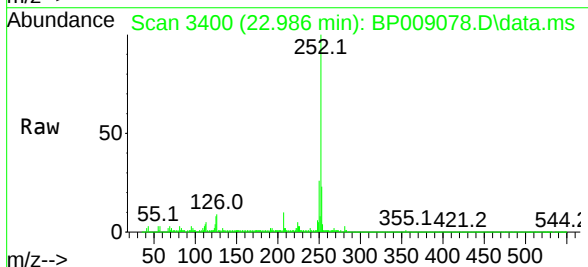
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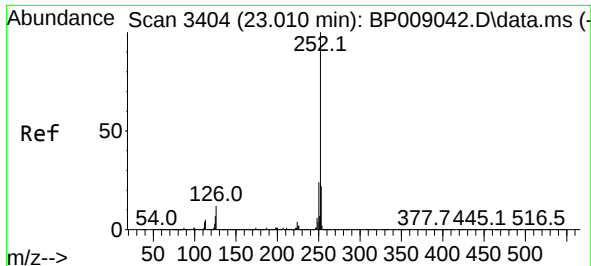


#88
 Benzo(b)fluoranthene
 Concen: 55.252 ng m
 RT: 22.986 min Scan# 3400
 Delta R.T. 0.024 min
 Lab File: BP009078.D
 Acq: 09 Feb 2022 15:16

Tgt Ion: 252 Resp: 3863524

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	8.2	6.9	10.3





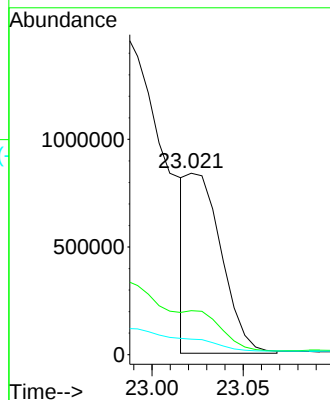
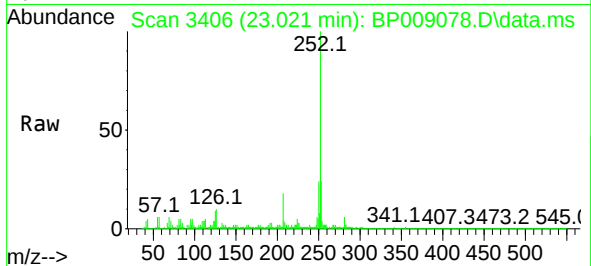
#89
Benzo(k)fluoranthene
Concen: 15.702 ng m
RT: 23.021 min Scan# 3406
Delta R.T. 0.012 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Tgt Ion:252 Resp: 109541
Ion Ratio Lower Upper
252 100
253 24.3 18.2 27.2
125 8.6 7.3 10.9

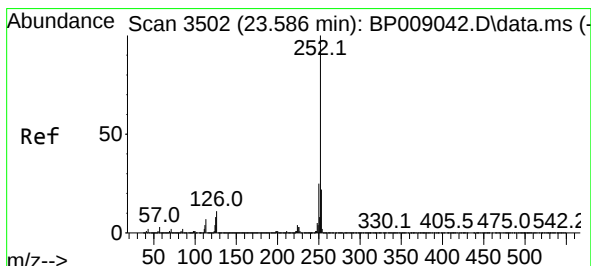
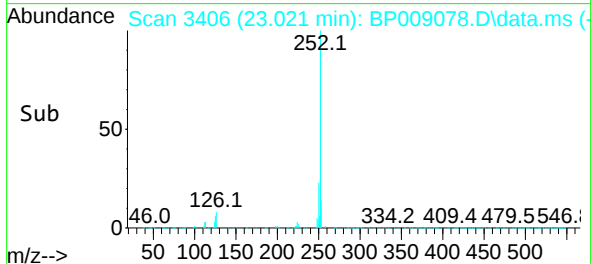
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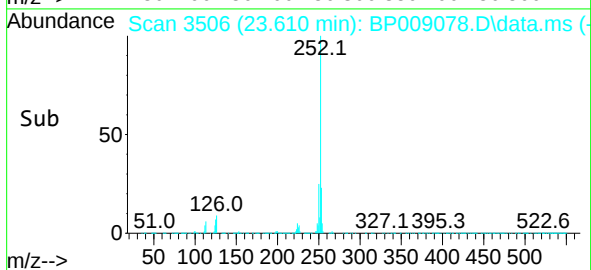
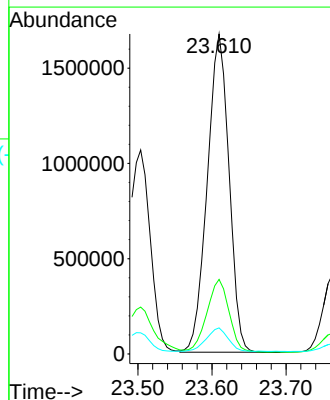
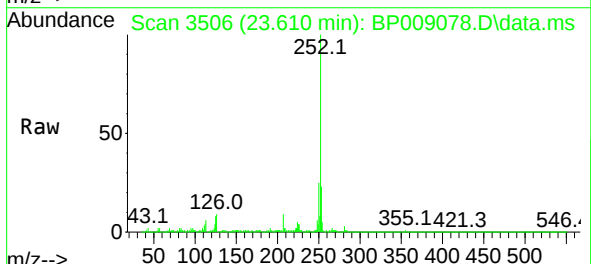
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Upadhyay

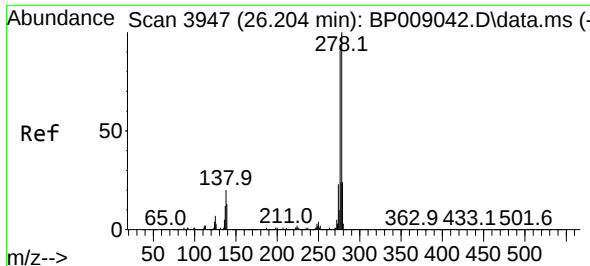
02/11/2022



#90
Benzo(a)pyrene
Concen: 58.282 ng
RT: 23.610 min Scan# 3506
Delta R.T. 0.024 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Tgt Ion:252 Resp: 3397735
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 8.1 7.8 11.6





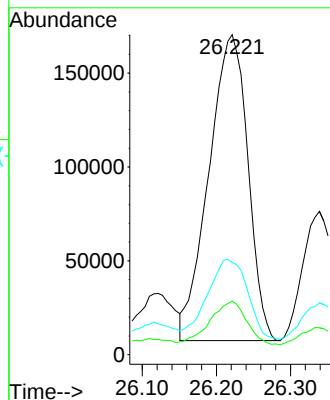
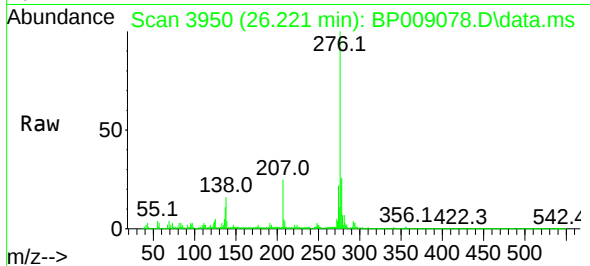
#91
Dibenzo(a,h)anthracene
Concen: 8.597 ng
RT: 26.221 min Scan# 3947
Delta R.T. 0.018 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Tgt Ion:278 Resp: 596260
Ion Ratio Lower Upper
278 100
139 16.8 11.5 17.3
279 28.9 19.1 28.7

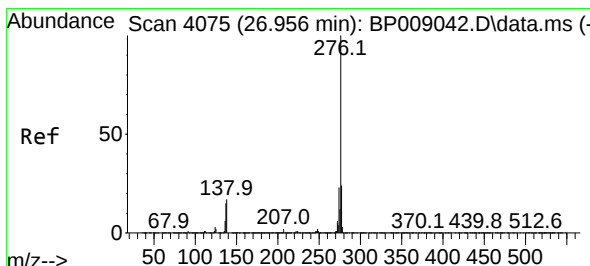
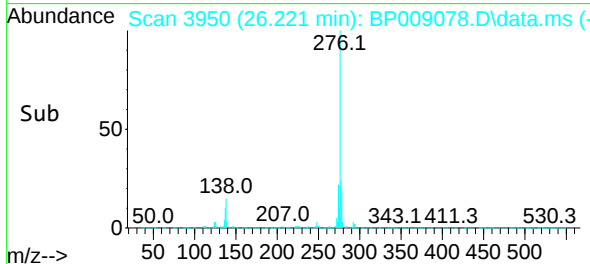
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Supervised By :Jagrut
Upadhyay

02/11/2022



#92
Benzo(g,h,i)perylene
Concen: 28.602 ng
RT: 26.992 min Scan# 4081
Delta R.T. 0.035 min
Lab File: BP009078.D
Acq: 09 Feb 2022 15:16

Tgt Ion:276 Resp: 1975116
Ion Ratio Lower Upper
276 100
277 24.2 19.2 28.8
138 15.1 15.0 22.4

