

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
 Data File : BP009066.D
 Acq On : 08 Feb 2022 19:25
 Operator : CG/JU
 Sample : N1397-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

Quant Time: Feb 09 00:27:57 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							02/09/2022
1) 1,4-Dichlorobenzene-d4	7.805	152	176635	20.000	ng	0.00	Supervised By :mohammad
21) Naphthalene-d8	10.604	136	593644	20.000	ng	0.00	Unmed
39) Acenaphthene-d10	14.451	164	330153	20.000	ng	0.00	
64) Phenanthrene-d10	17.210	188	649170	20.000	ng	0.00	
76) Chrysene-d12	21.304	240	854433	20.000	ng	0.00	
86) Perylene-d12	23.710	264	1056669	20.000	ng	0.00	02/15/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1079772	109.044	ng	0.00	
7) Phenol-d6	6.987	99	1285812	98.547	ng	0.00	
23) Nitrobenzene-d5	8.963	82	794228	75.448	ng	0.00	
42) 2,4,6-Tribromophenol	15.951	330	532838	120.876	ng	0.00	
45) 2-Fluorobiphenyl	13.069	172	1692328	71.757	ng	0.00	
79) Terphenyl-d14	19.775	244	2490197	52.411	ng	0.00	
Target Compounds							Qvalue
10) Phenol	7.016	94	28832m	2.198	ng		
31) Naphthalene	10.652	128	113642	3.753	ng		98
37) 2-Methylnaphthalene	12.269	142	71125	3.320	ng	#	92
38) 1-Methylnaphthalene	12.487	142	57405	2.742	ng	#	97
49) Acenaphthylene	14.169	152	846123	29.117	ng		97
71) Phenanthrene	17.251	178	198016	5.633	ng	#	87
72) Anthracene	17.345	178	423574	12.317	ng	#	95
75) Fluoranthene	19.222	202	737674	18.724	ng		97
78) Pyrene	19.575	202	1572477	25.871	ng		99
81) Benzo(a)anthracene	21.292	228	1360802	24.714	ng		94
83) Chrysene	21.339	228	1363332	25.684	ng		96
87) Indeno(1,2,3-cd)pyrene	26.215	276	1995609	25.418	ng	#	94
88) Benzo(b)fluoranthene	22.980	252	3416664m	52.524	ng		
89) Benzo(k)fluoranthene	23.021	252	1079653m	16.636	ng		
90) Benzo(a)pyrene	23.610	252	3196605	58.941	ng		98
91) Dibenzo(a,h)anthracene	26.215	278	558172	8.651	ng	#	90
92) Benzo(g,h,i)perylene	26.986	276	1888578	29.398	ng		97

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

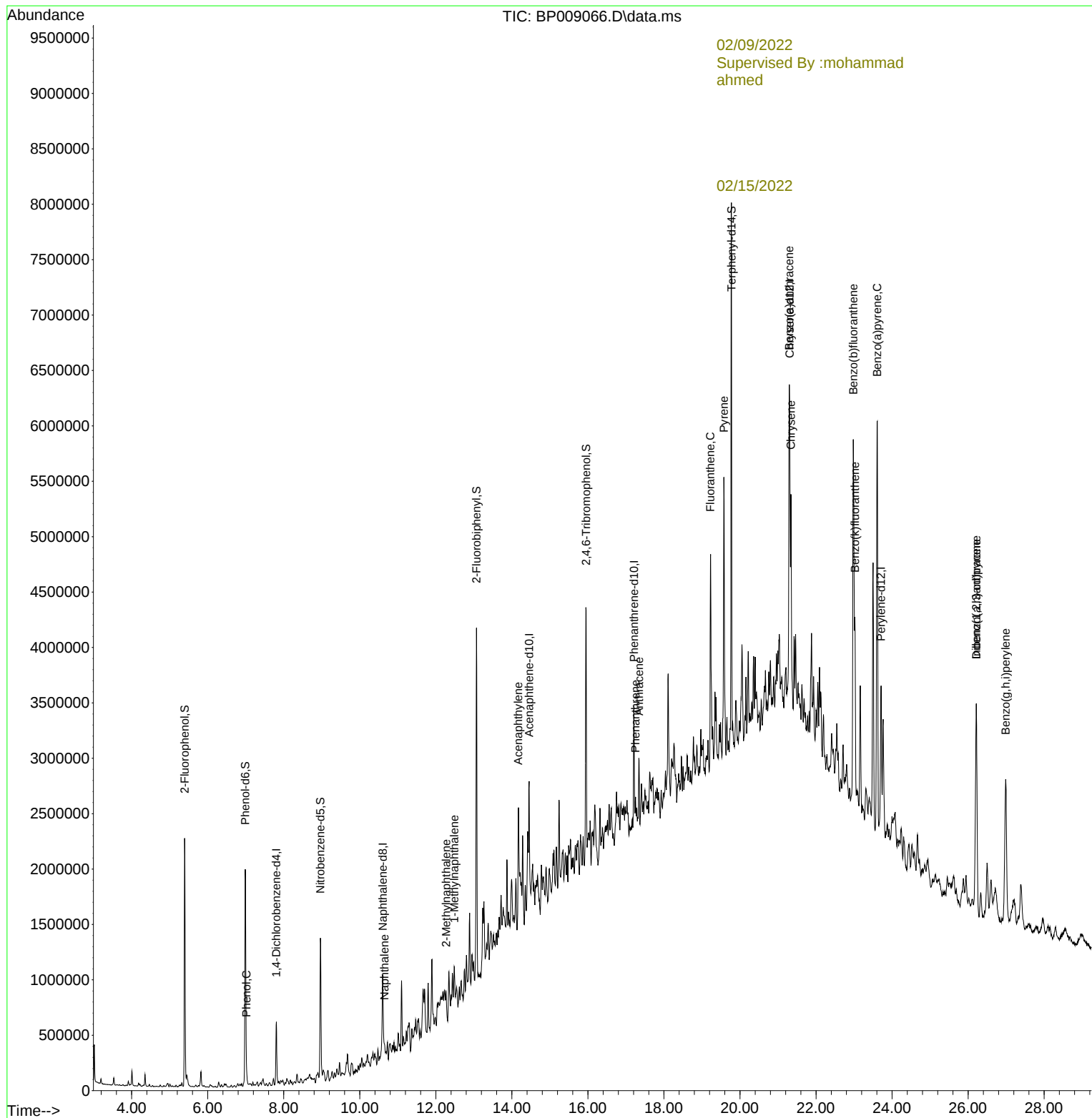
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Data File : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
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ALS Vial : 16 Sample Multiplier: 1

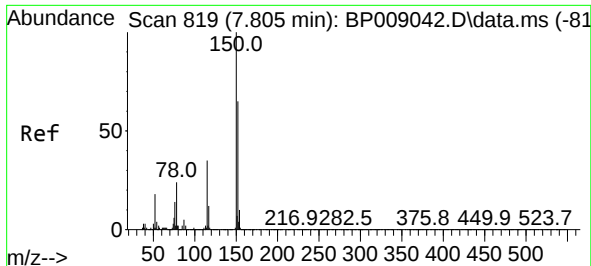
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15

Quant Time: Feb 09 00:27:57 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

Manual Integrations
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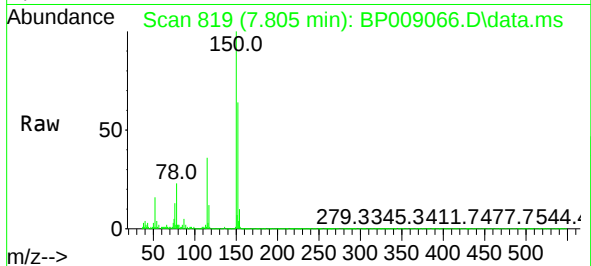
Reviewed By :Christian
Giraldo





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

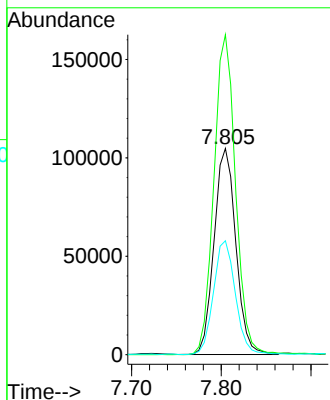
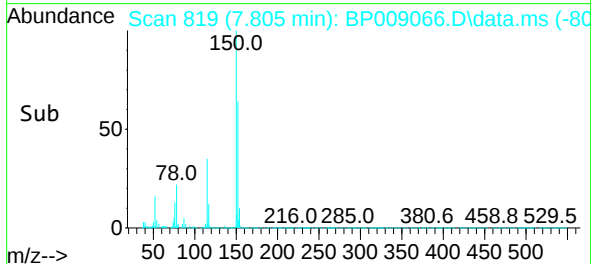
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15



Tgt Ion:152 Resp: 17663
Ion Ratio Lower Upper
152 100
150 155.2 127.0 190.6
115 55.3 43.7 65.5

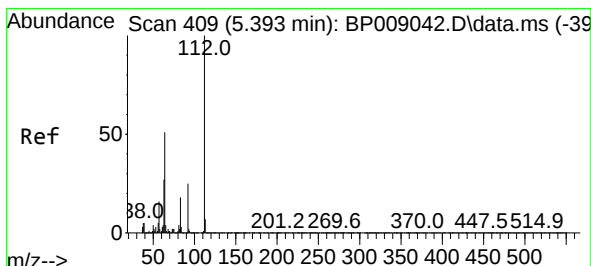
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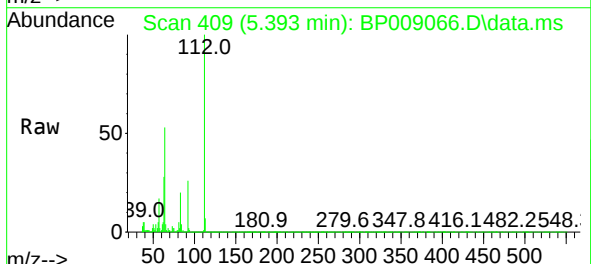


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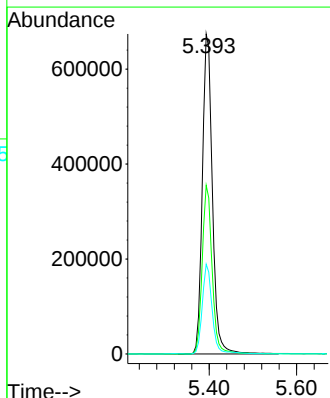
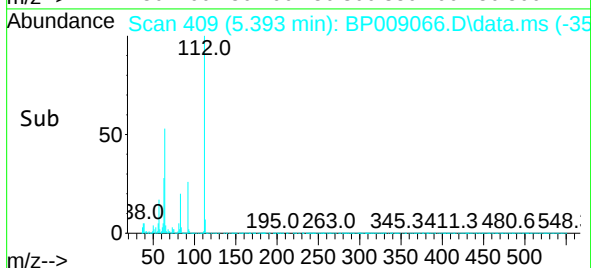
02/15/2022

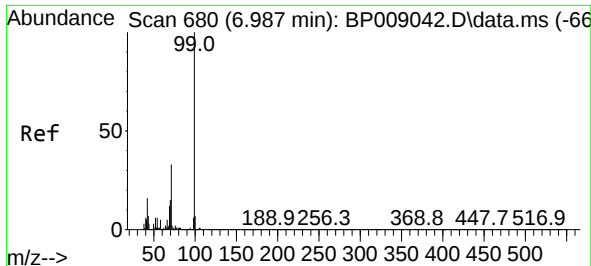


#5
2-Fluorophenol
Concen: 109.044 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25



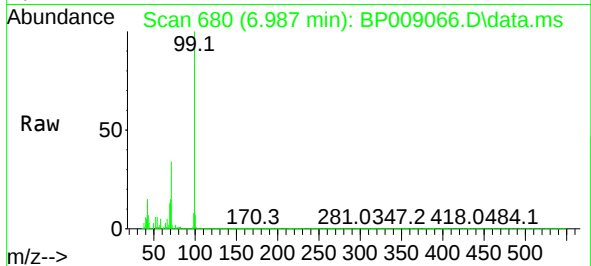
Tgt Ion:112 Resp: 1079772
Ion Ratio Lower Upper
112 100
64 52.7 39.7 59.5
63 28.0 20.0 30.0





#7
Phenol-d6
Concen: 98.547 ng
RT: 6.987 min Scan# 680
Delta R.T. 0.000 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

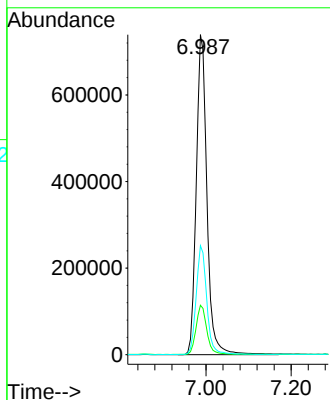
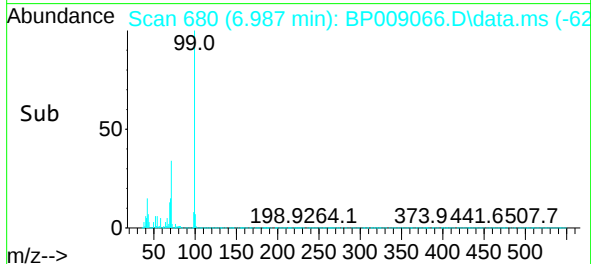
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15



Tgt Ion: 99 Resp: 128581
Ion Ratio Lower Upper
99 100
42 15.4 10.8 16.2
71 34.1 23.8 35.6

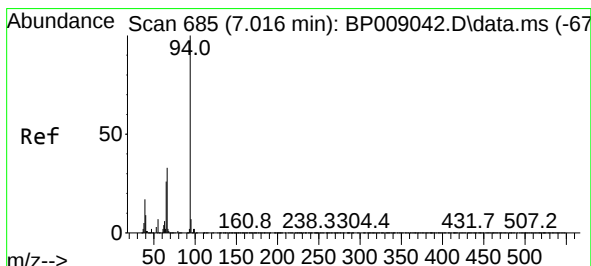
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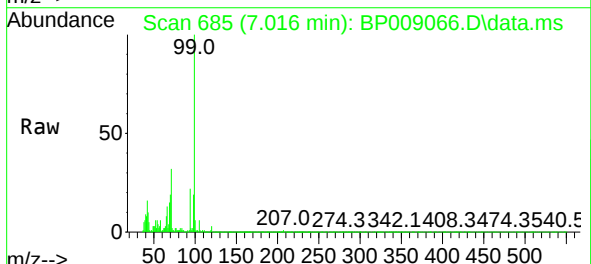


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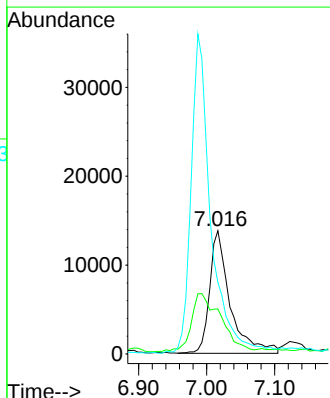
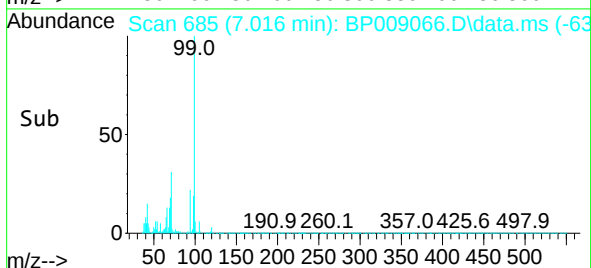
02/15/2022

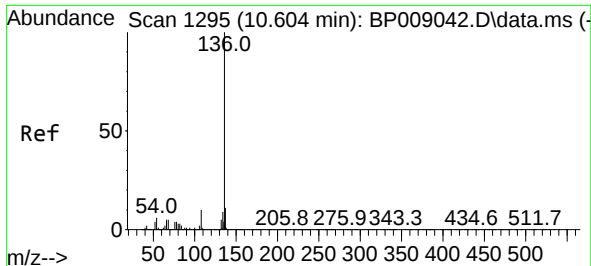


#10
Phenol
Concen: 2.198 ng m
RT: 7.016 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25



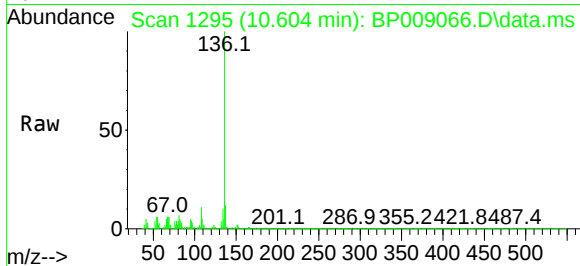
Tgt Ion: 94 Resp: 28832
Ion Ratio Lower Upper
94 100
65 36.6 4.1 44.1
66 58.1 12.4 52.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

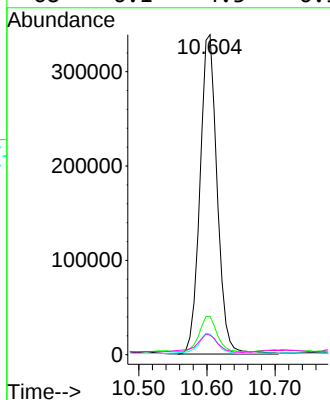
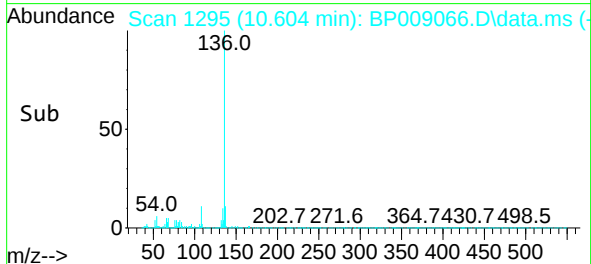
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15



Tgt Ion: 136 Resp: 593644
Ion Ratio Lower Upper
136 100
137 12.0 9.0 13.4
54 6.5 4.9 7.3
68 6.1 4.3 6.5

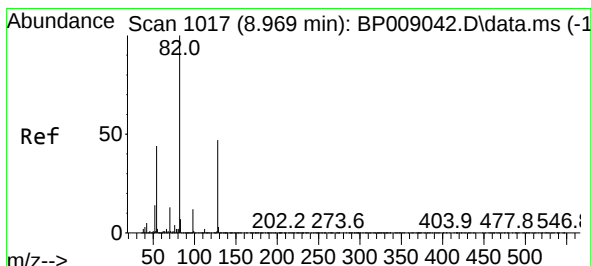
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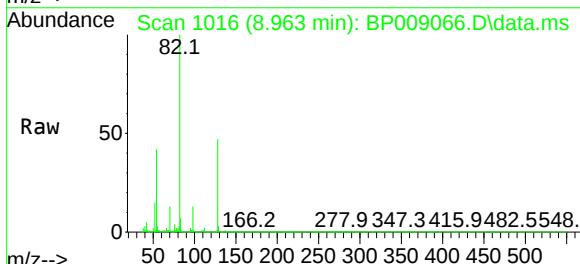


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ahmed

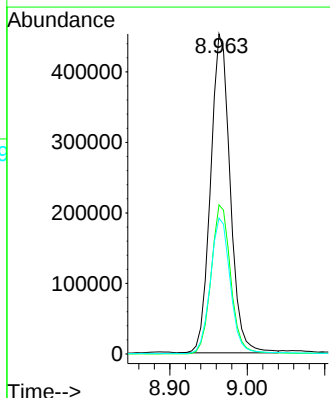
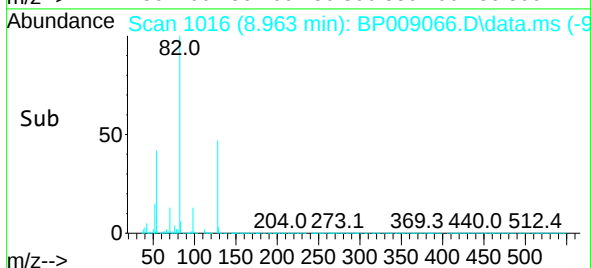
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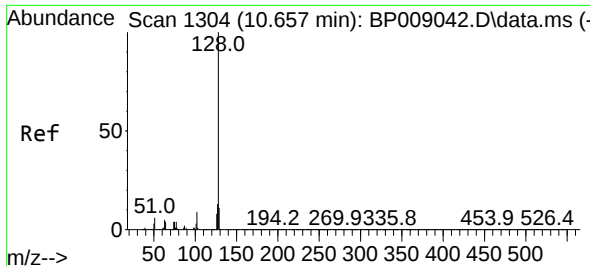


#23
Nitrobenzene-d5
Concen: 75.448 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25



Tgt Ion: 82 Resp: 794228
Ion Ratio Lower Upper
82 100
128 46.6 39.4 59.2
54 42.4 32.6 48.8





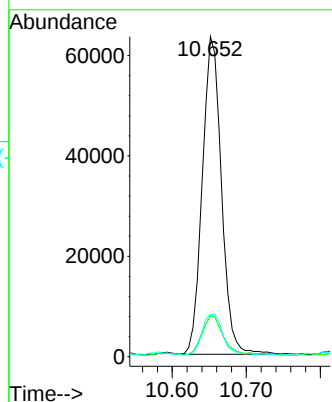
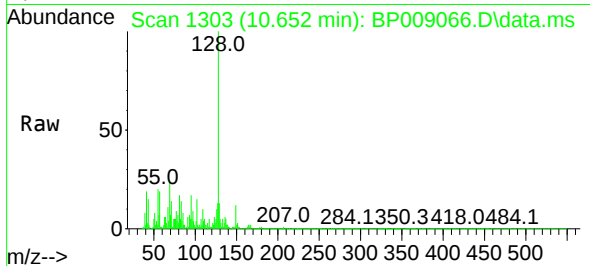
#31
Naphthalene
Concen: 3.753 ng
RT: 10.652 min Scan# 11364
Delta R.T. -0.006 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

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

Tgt Ion:128 Resp: 11364
Ion Ratio Lower Upper
128 100
129 12.8 8.8 13.2
127 13.1 10.4 15.6

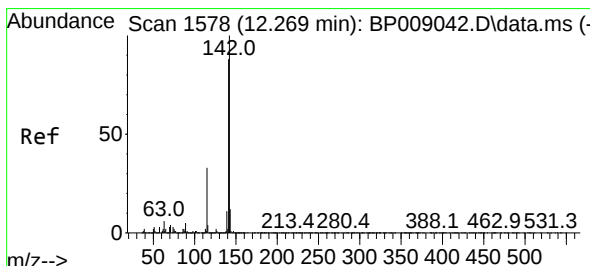
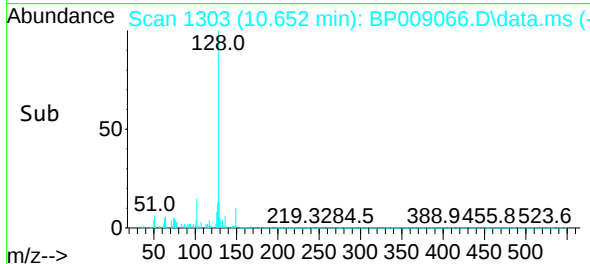
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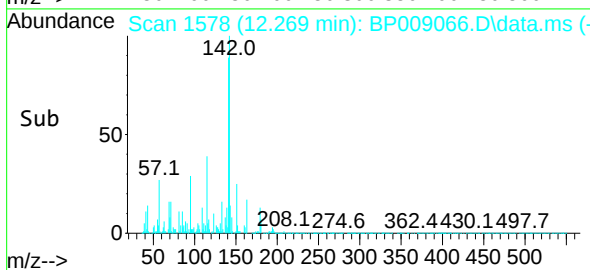
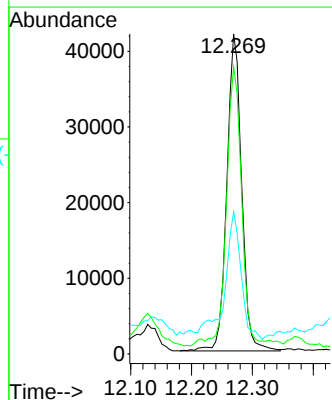
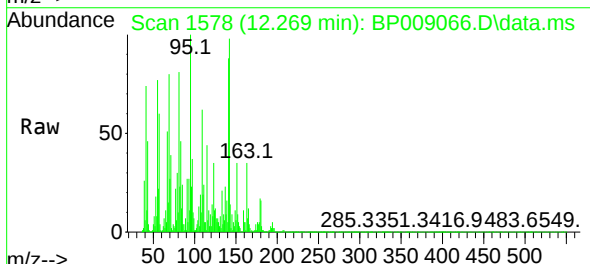
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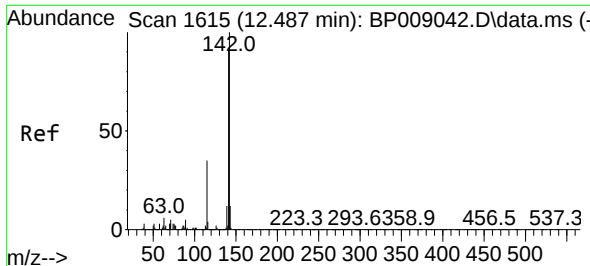
02/15/2022



#37
2-Methylnaphthalene
Concen: 3.320 ng
RT: 12.269 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

Tgt Ion:142 Resp: 71125
Ion Ratio Lower Upper
142 100
141 89.6 70.5 105.7
115 44.4 24.6 36.8





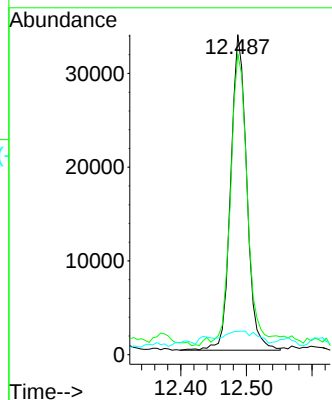
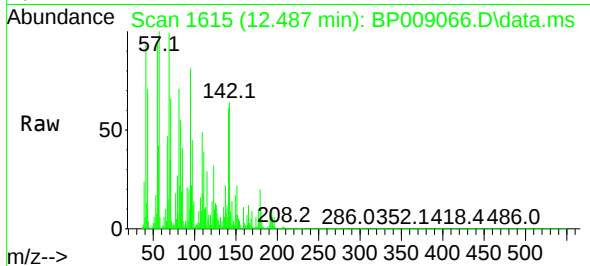
#38
1-Methylnaphthalene
Concen: 2.742 ng
RT: 12.487 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

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

Tgt Ion:142 Resp: 5740
Ion Ratio Lower Upper
142 100
141 94.0 73.2 109.8
116 7.3 2.7 4.1

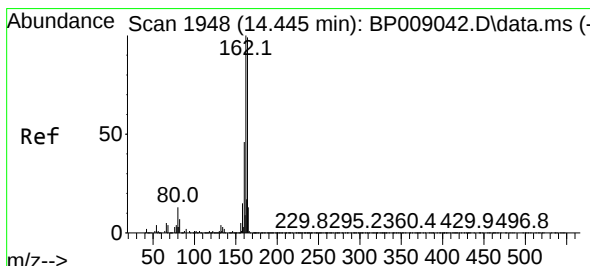
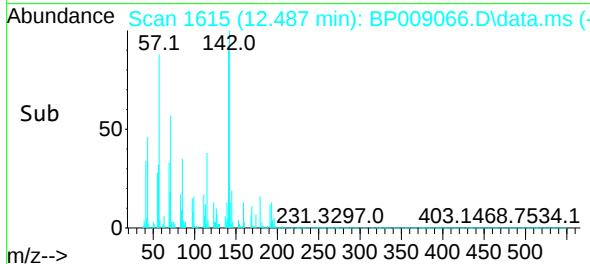
Manual Integrations
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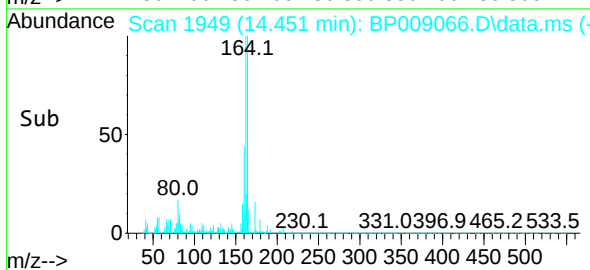
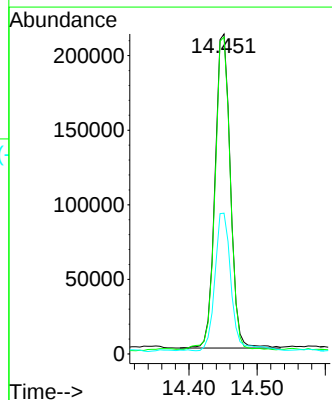
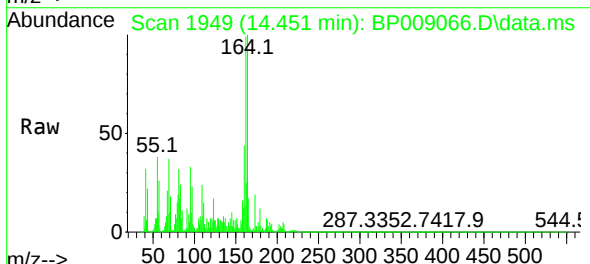
02/09/2022
Supervised By :mohammad
ahmed

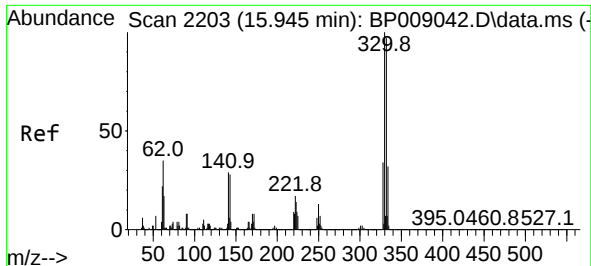
02/15/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

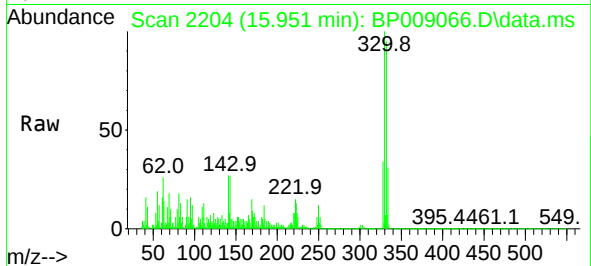
Tgt Ion:164 Resp: 330153
Ion Ratio Lower Upper
164 100
162 99.0 79.9 119.9
160 44.0 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 120.876 ng
RT: 15.951 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

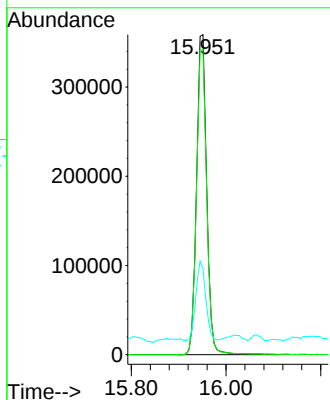
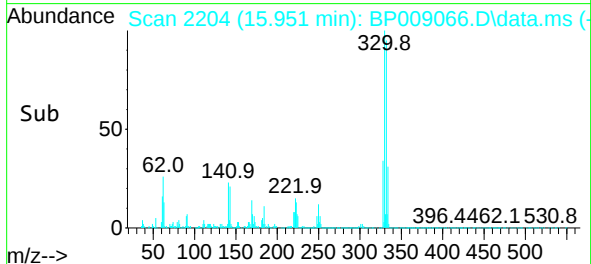
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15



Tgt Ion:330 Resp: 532838
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 24.5 21.3 31.9

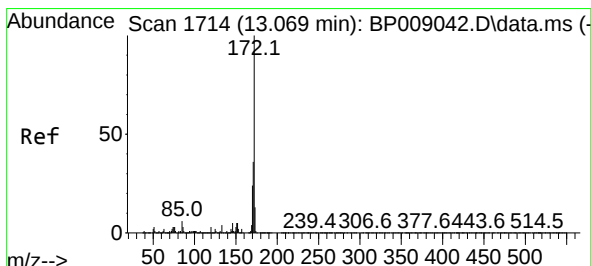
Manual Integrations
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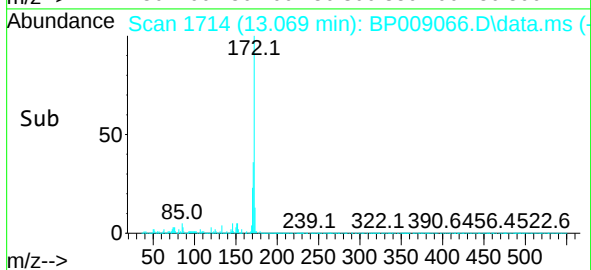
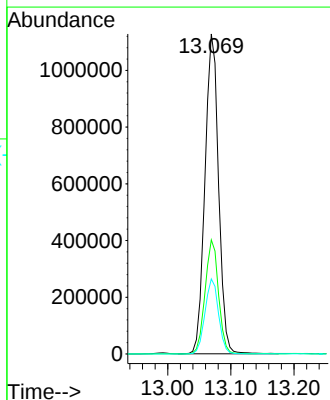
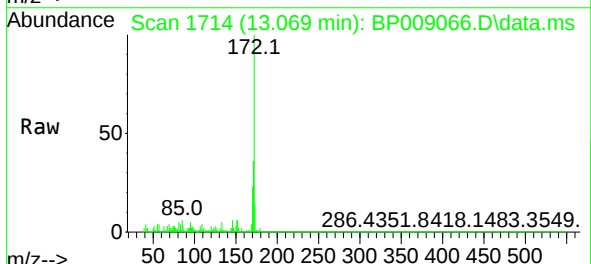
02/09/2022
Supervised By :mohammad
ahmed

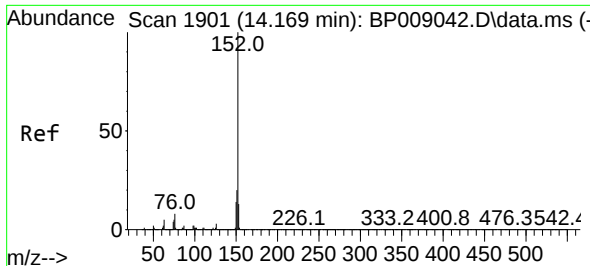
02/15/2022



#45
2-Fluorobiphenyl
Concen: 71.757 ng
RT: 13.069 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

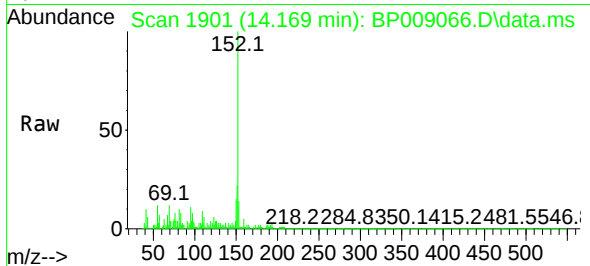
Tgt Ion:172 Resp: 1692328
Ion Ratio Lower Upper
172 100
171 35.7 29.3 43.9
170 23.4 19.5 29.3





#49
Acenaphthylene
Concen: 29.117 ng
RT: 14.169 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

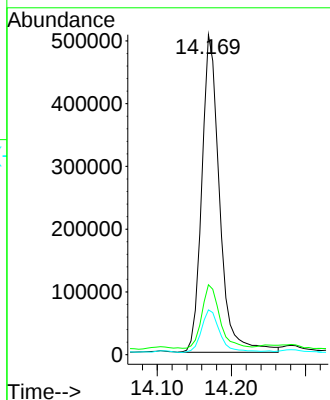
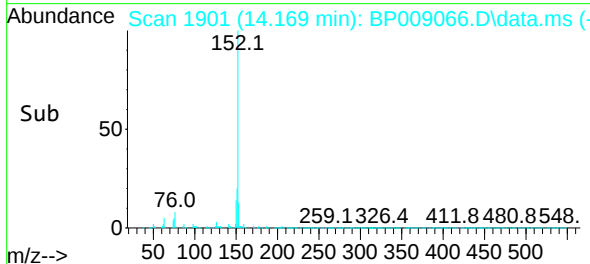
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15



Tgt Ion:152 Resp: 84612
Ion Ratio Lower Upper
152 100
151 21.9 16.1 24.1
153 14.0 10.6 16.0

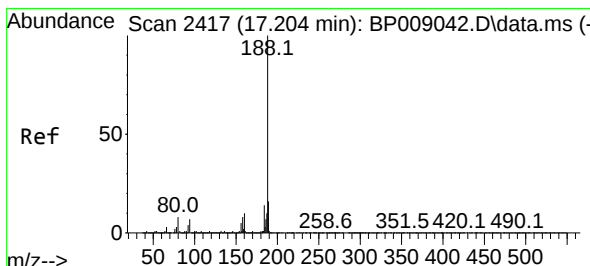
Manual Integrations
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Reviewed By :Christian
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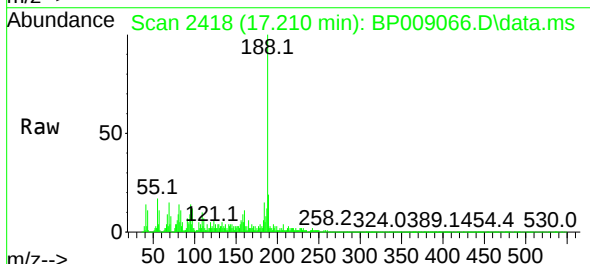


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Supervised By :mohammad
ahmed

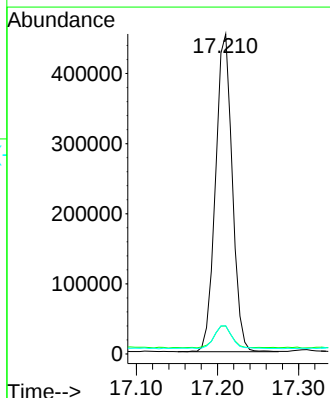
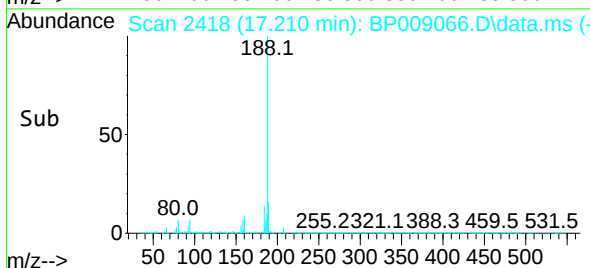
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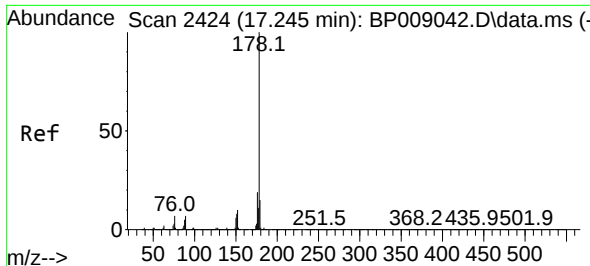


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25



Tgt Ion:188 Resp: 649170
Ion Ratio Lower Upper
188 100
94 8.8 6.8 10.2
80 8.8 7.2 10.8





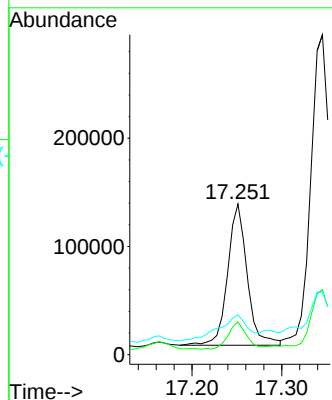
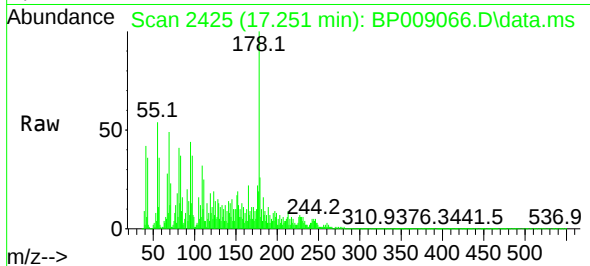
#71
Phenanthrene
Concen: 5.633 ng
RT: 17.251 min Scan# 2424
Delta R.T. 0.006 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

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

Tgt Ion:178 Resp: 198010
Ion Ratio Lower Upper
178 100
176 21.8 16.0 24.0
179 26.4 13.0 19.4

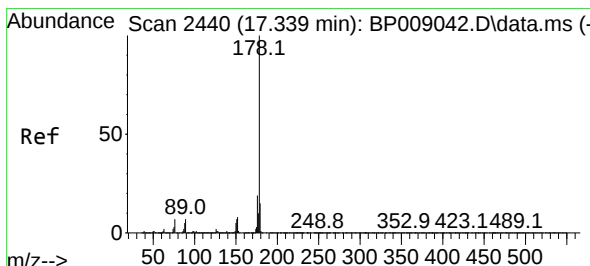
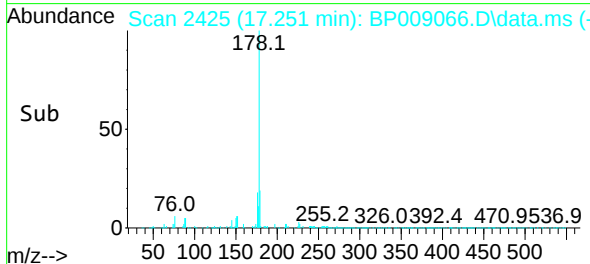
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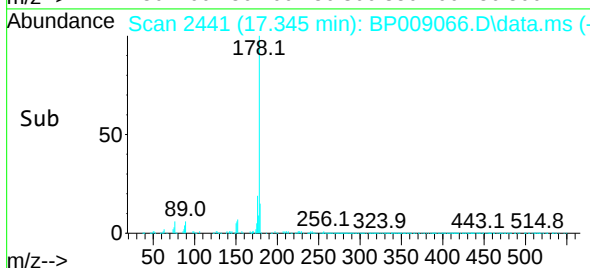
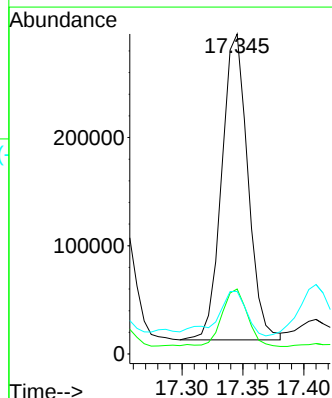
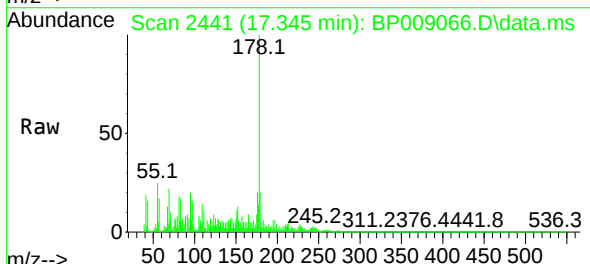
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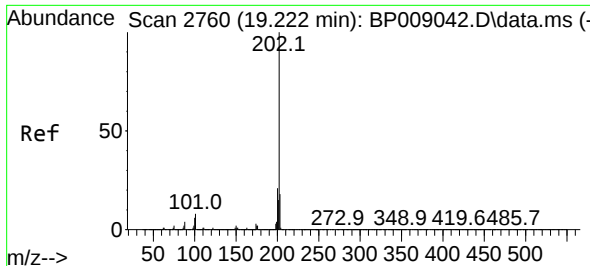
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#72
Anthracene
Concen: 12.317 ng
RT: 17.345 min Scan# 2441
Delta R.T. 0.006 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

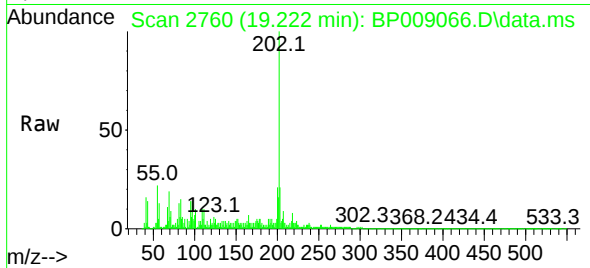
Tgt Ion:178 Resp: 423574
Ion Ratio Lower Upper
178 100
176 20.3 15.1 22.7
179 19.5 12.8 19.2





#75
Fluoranthene
Concen: 18.724 ng
RT: 19.222 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

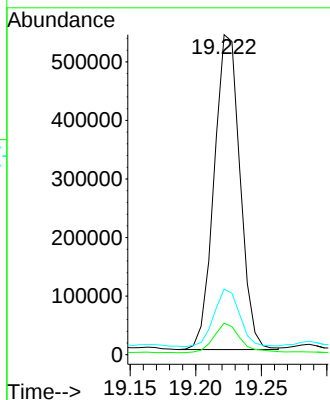
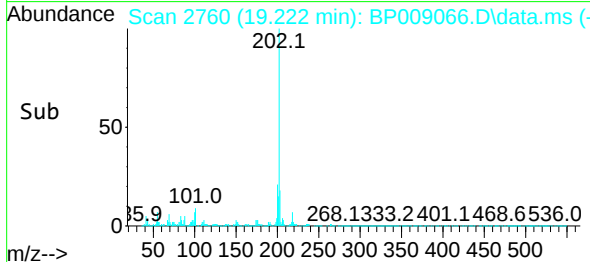
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15



Tgt Ion:202 Resp: 737674
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.7
203 20.5 0.0 38.9

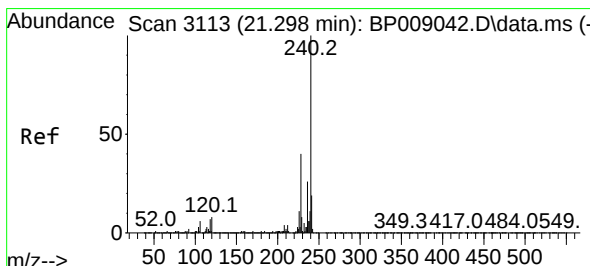
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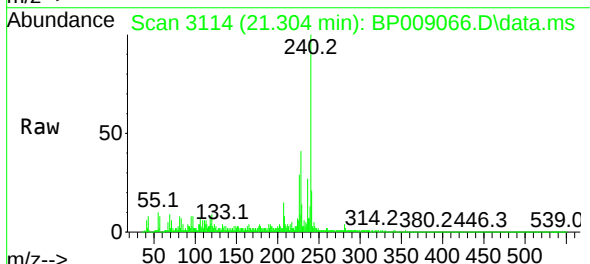


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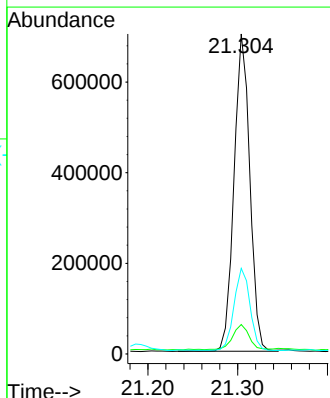
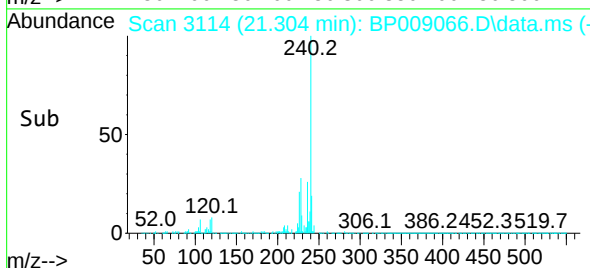
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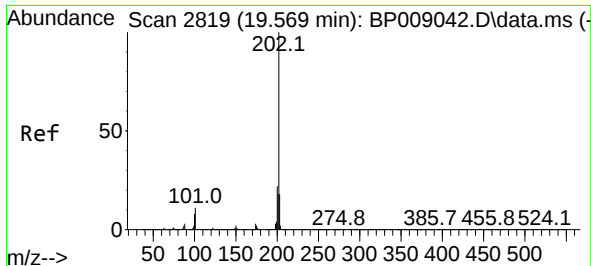


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. 0.006 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25



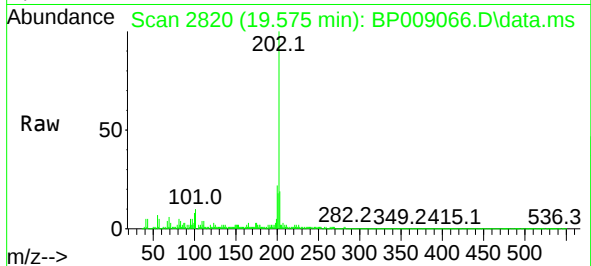
Tgt Ion:240 Resp: 854433
Ion Ratio Lower Upper
240 100
120 9.2 7.7 11.5
236 26.8 21.2 31.8





#78
Pyrene
Concen: 25.871 ng
RT: 19.575 min Scan# 2819
Delta R.T. 0.006 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

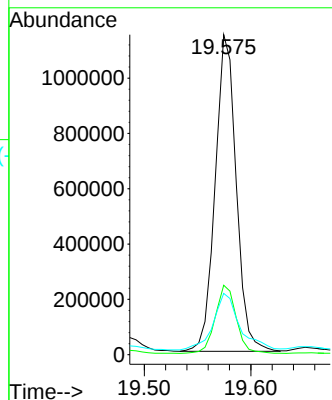
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15



Tgt Ion:202 Resp: 157247
Ion Ratio Lower Upper
202 100
200 21.7 18.0 27.0
203 19.2 15.0 22.6

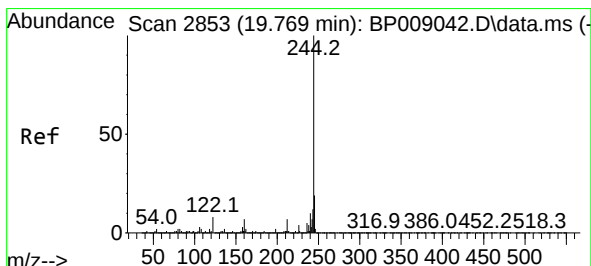
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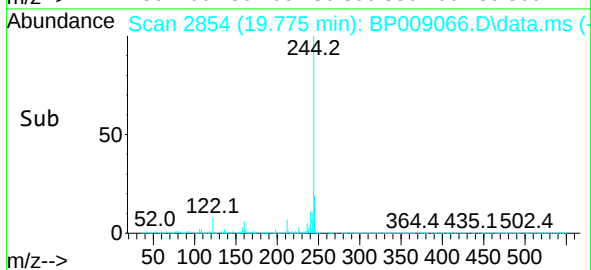
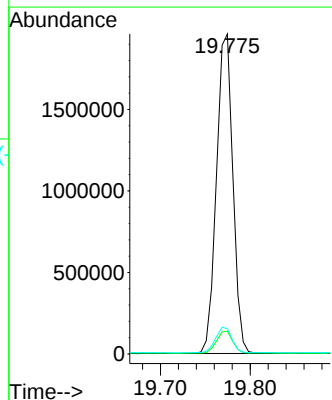
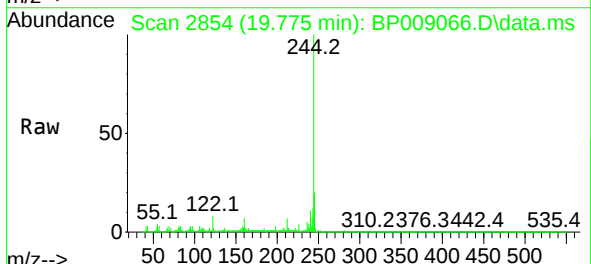
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Supervised By :mohammad
ahmed

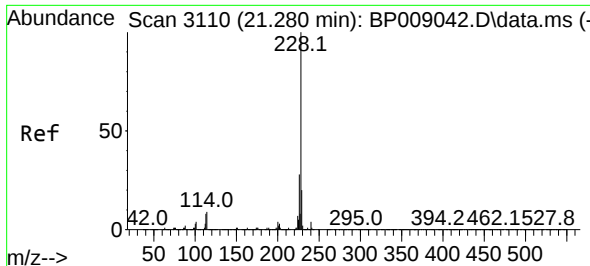
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#79
Terphenyl-d14
Concen: 52.411 ng
RT: 19.775 min Scan# 2854
Delta R.T. 0.006 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

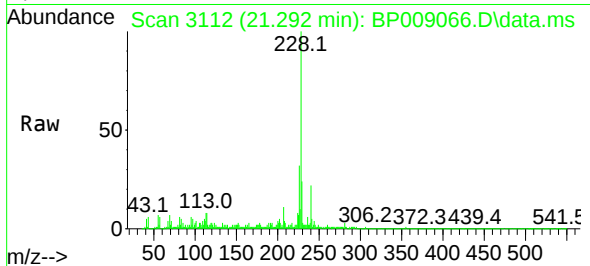
Tgt Ion:244 Resp: 2490197
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 7.9 9.2 13.8





#81
Benzo(a)anthracene
Concen: 24.714 ng
RT: 21.292 min Scan# 3110
Delta R.T. 0.012 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

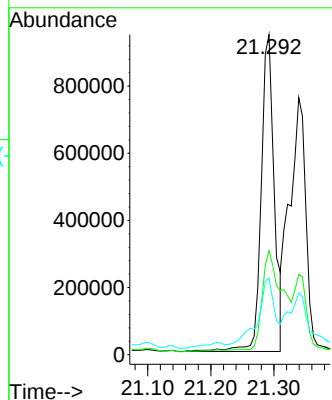
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15



Tgt Ion:228 Resp: 136080
Ion Ratio Lower Upper
228 100
226 32.5 23.3 34.9
229 24.0 17.0 25.6

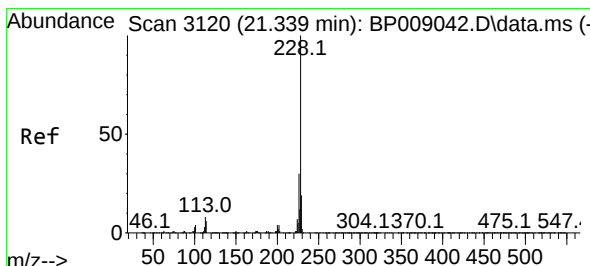
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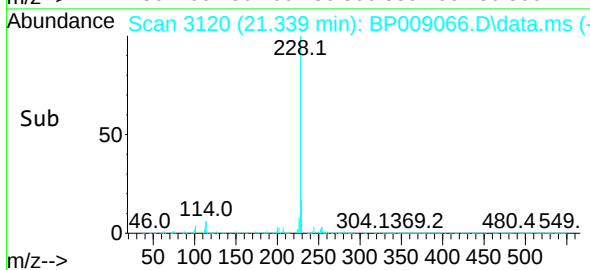
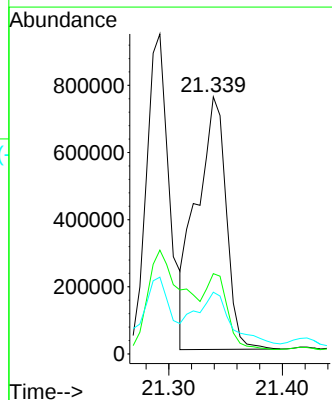
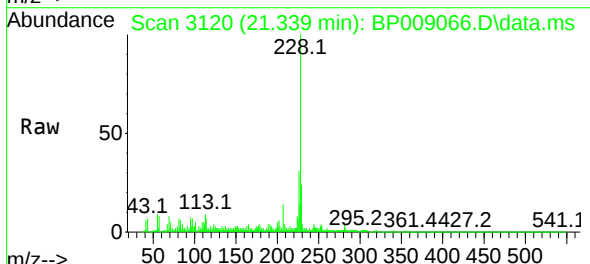
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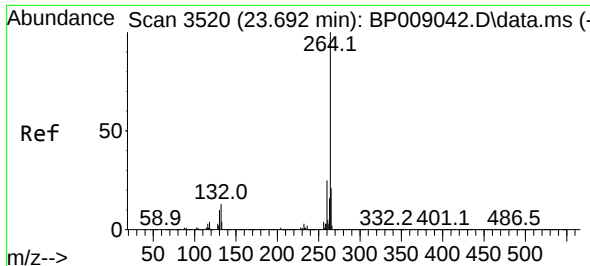
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#83
Chrysene
Concen: 25.684 ng
RT: 21.339 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

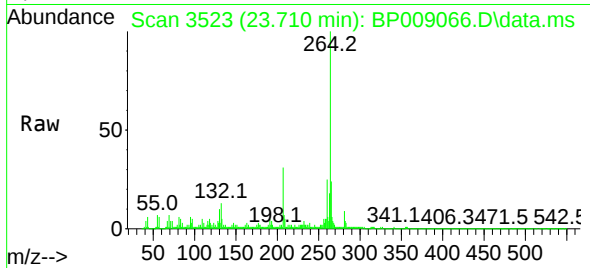
Tgt Ion:228 Resp: 1363332
Ion Ratio Lower Upper
228 100
226 31.2 26.0 39.0
229 24.0 16.9 25.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.710 min Scan# 3520
Delta R.T. 0.018 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

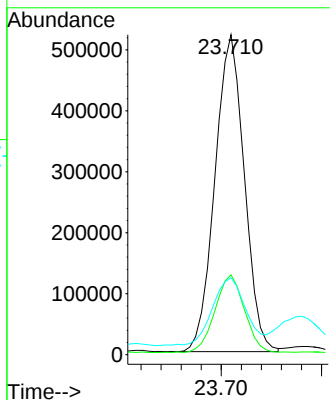
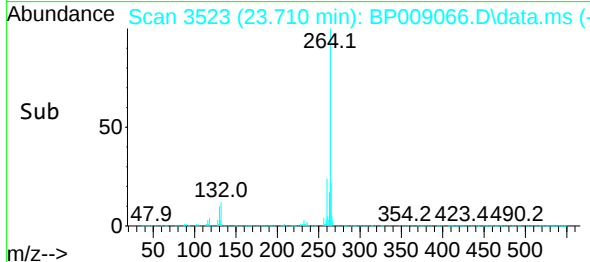
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15



Tgt Ion:264 Resp: 1056669
Ion Ratio Lower Upper
264 100
260 24.9 19.1 28.7
265 24.1 17.1 25.7

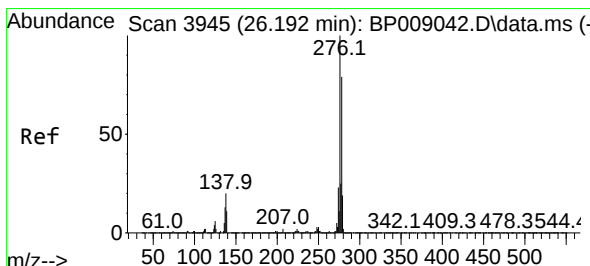
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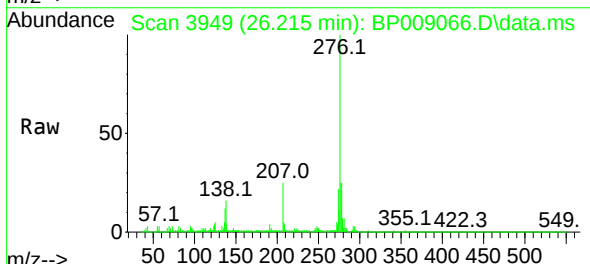


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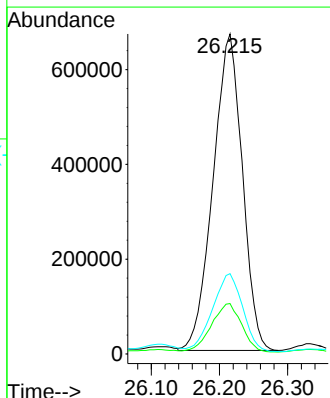
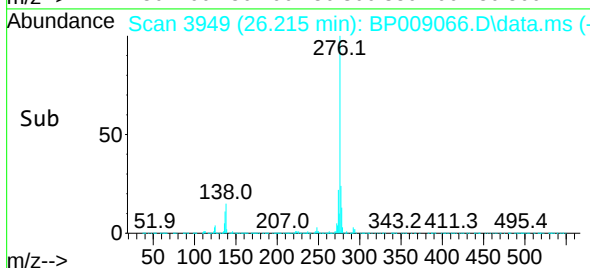
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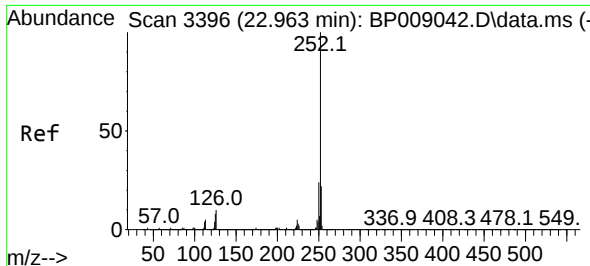


#87
Indeno(1,2,3-cd)pyrene
Concen: 25.418 ng
RT: 26.215 min Scan# 3949
Delta R.T. 0.024 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25



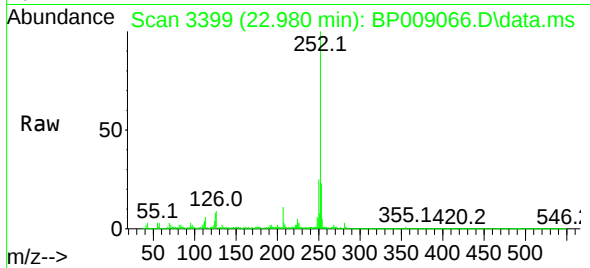
Tgt Ion:276 Resp: 1995609
Ion Ratio Lower Upper
276 100
138 15.8 17.8 26.6#
277 25.4 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 52.524 ng m
RT: 22.980 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

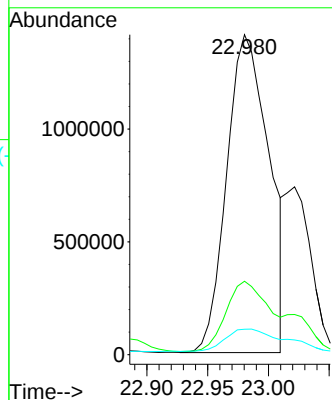
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15



Tgt Ion:252 Resp: 341666
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 8.0 6.9 10.3

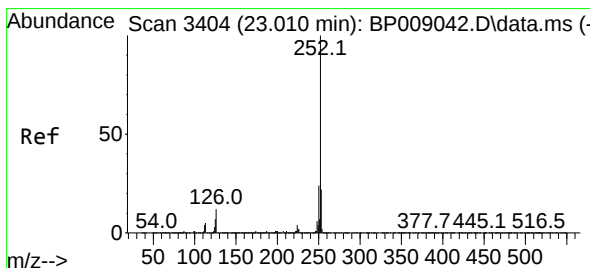
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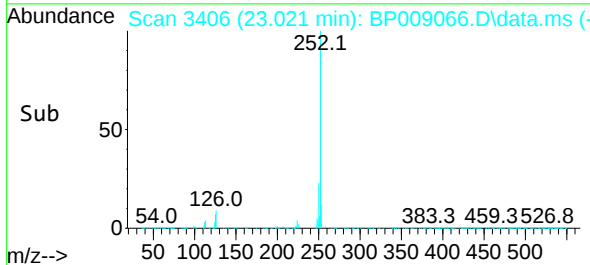
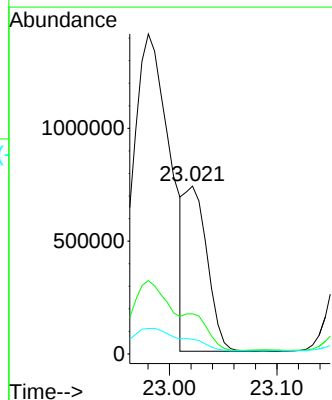
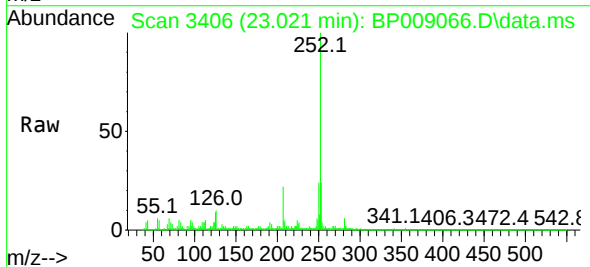
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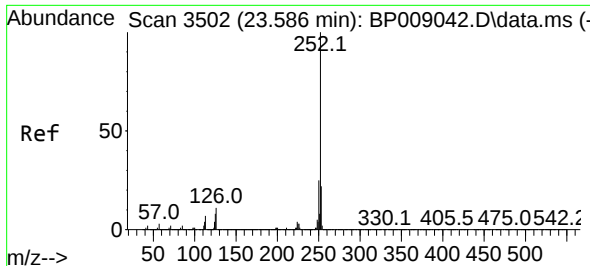
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#89
Benzo(k)fluoranthene
Concen: 16.636 ng m
RT: 23.021 min Scan# 3406
Delta R.T. 0.012 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

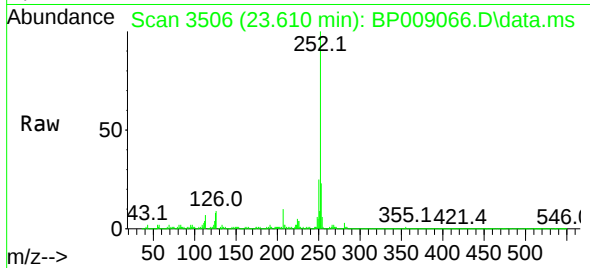
Tgt Ion:252 Resp: 1079653
Ion Ratio Lower Upper
252 100
253 23.9 18.2 27.2
125 8.7 7.3 10.9





#90
Benzo(a)pyrene
Concen: 58.941 ng
RT: 23.610 min Scan# 31
Delta R.T. 0.024 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

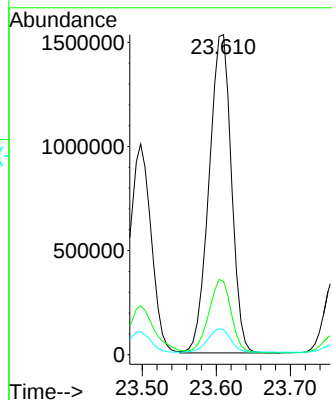
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15



Tgt Ion:252 Resp: 319660
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 7.8 7.8 11.6

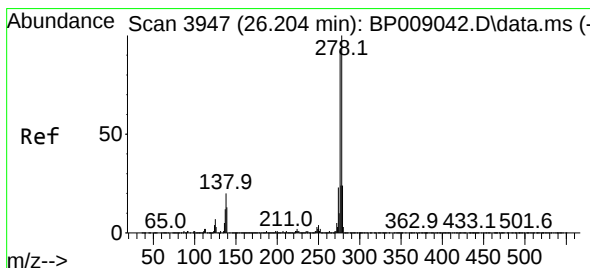
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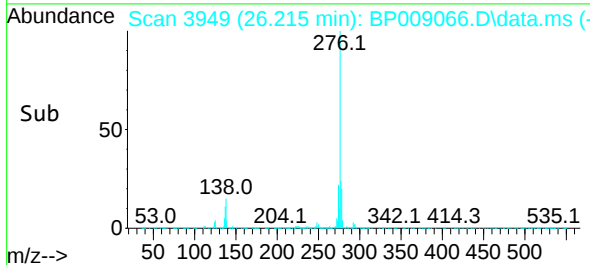
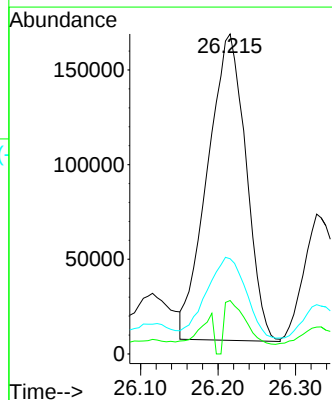
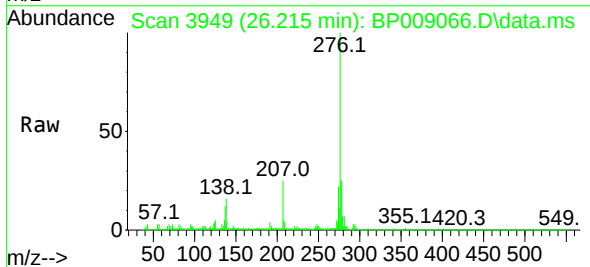
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ahmed

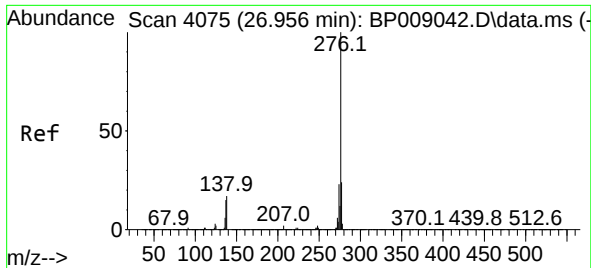
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#91
Dibenzo(a,h)anthracene
Concen: 8.651 ng
RT: 26.215 min Scan# 3949
Delta R.T. 0.012 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

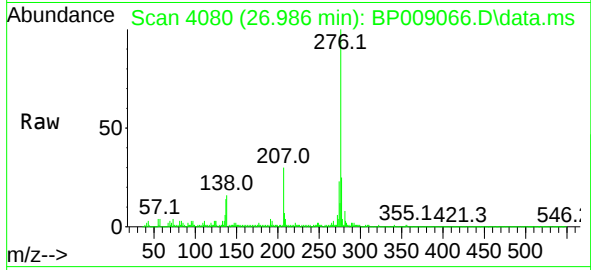
Tgt Ion:278 Resp: 558172
Ion Ratio Lower Upper
278 100
139 16.7 11.5 17.3
279 29.8 19.1 28.7#





#92
Benzo(g,h,i)perylene
Concen: 29.398 ng
RT: 26.986 min Scan# 4075
Delta R.T. 0.029 min
Lab File: BP009066.D
Acq: 08 Feb 2022 19:25

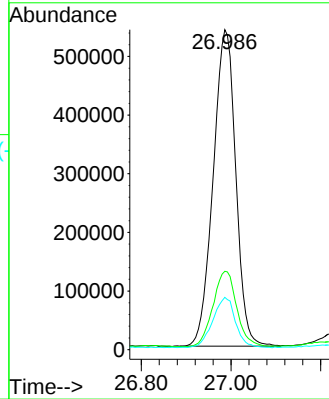
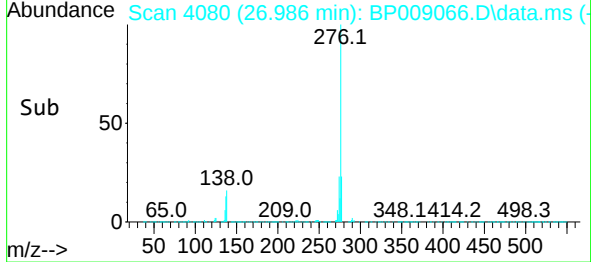
Instrument :
BNA_P
ClientSampleId :
KTS1-MH-02-0-15



Tgt Ion: 276 Resp: 1888578
Ion Ratio Lower Upper
276 100
277 24.5 19.2 28.8
138 16.3 15.0 22.4

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