

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100621\
 Data File : BP007366.D
 Acq On : 06 Oct 2021 21:59
 Operator : CG/JU
 Sample : M4067-01DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-02-100421DL

Manual Integrations
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mohammad
 10/8/2021 8:34:32 AM

Quant Time: Oct 07 01:48:41 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 12:49:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	162521	20.00	ng	0.00
21) Naphthalene-d8	10.658	136	606045	20.00	ng	# 0.00
39) Acenaphthene-d10	14.493	164	374450	20.00	ng	0.00
64) Phenanthrene-d10	17.245	188	795884	20.00	ng	# 0.00
76) Chrysene-d12	21.339	240	828031	20.00	ng	0.00
86) Perylene-d12	23.745	264	900030	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	88310	9.10	ng	0.00
7) Phenol-d6	7.046	99	94888	7.15	ng	0.00
23) Nitrobenzene-d5	9.028	82	57563	5.53	ng	0.00
42) 2,4,6-Tribromophenol	15.993	330	37677	7.76	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	140237	5.37	ng	0.00
79) Terphenyl-d14	19.804	244	222697	5.15	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.216	152	247063	7.43	ng	100
71) Phenanthrene	17.292	178	492090	11.53	ng	99
72) Anthracene	17.381	178	228249	5.47	ng	99
75) Fluoranthene	19.263	202	1244837	25.32	ng	98
78) Pyrene	19.616	202	1154726	21.26	ng	99
81) Benzo(a)anthracene	21.322	228	675750	12.57	ng	96
83) Chrysene	21.375	228	586975	11.43	ng	96
87) Indeno(1,2,3-cd)pyrene	26.257	276	502858	7.77	ng	98
88) Benzo(b)fluoranthene	23.010	252	940222	17.48	ng	# 96
89) Benzo(k)fluoranthene	23.051	252	342657m	6.29	ng	
90) Benzo(a)pyrene	23.639	252	720592	15.77	ng	# 97
91) Dibenzo(a,h)anthracene	26.263	278	133608	2.46	ng	# 84
92) Benzo(g,h,i)perylene	27.033	276	474662	8.97	ng	# 93

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

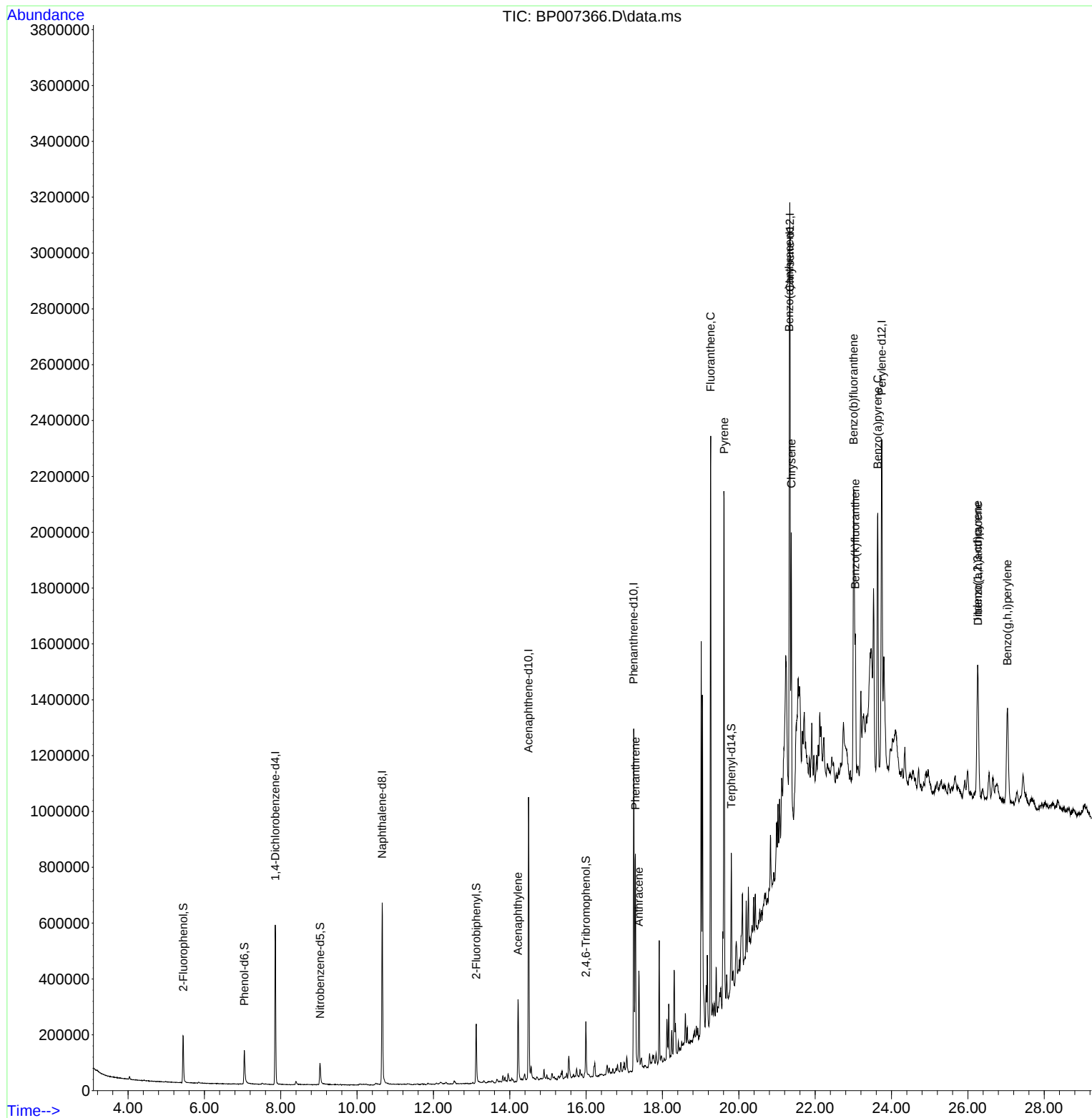
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Data File : BP007366.D
Acq On : 06 Oct 2021 21:59
Operator : CG/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

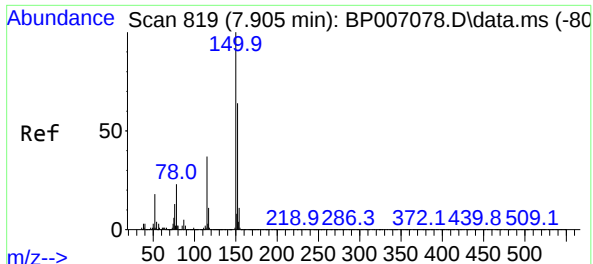
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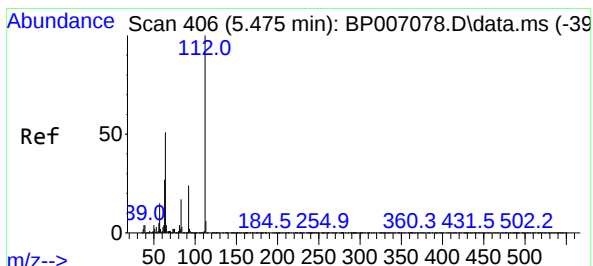
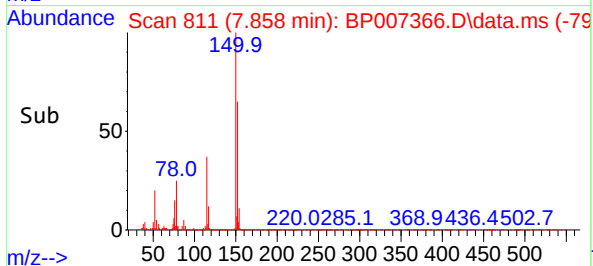
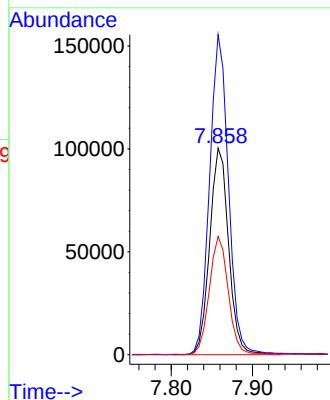
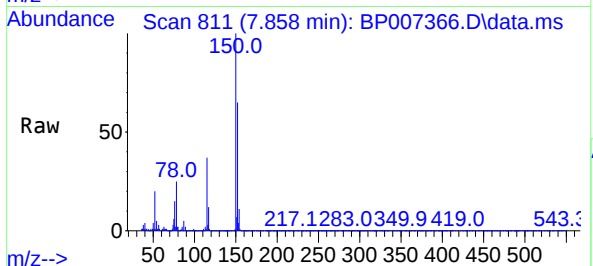
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.858 min Scan# 811
Delta R.T. -0.005 min
Lab File: BP007366.D
Acq: 06 Oct 2021 21:59

Tgt Ion:152 Resp: 162521
Ion Ratio Lower Upper
152 100
150 155.0 125.6 188.4
115 57.3 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
SU-02-100421DL

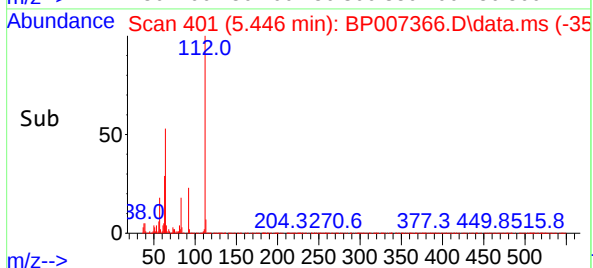
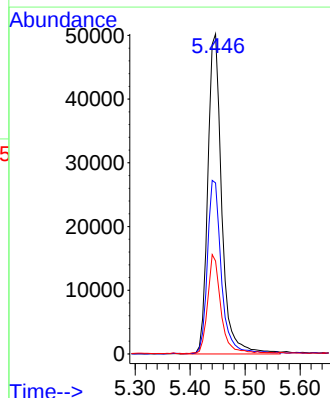
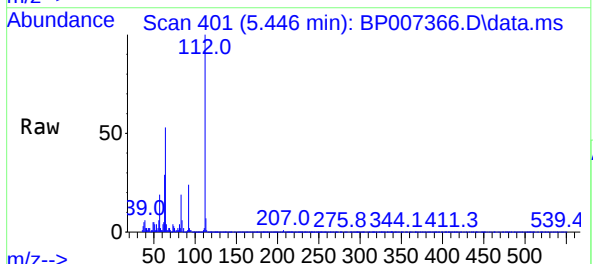
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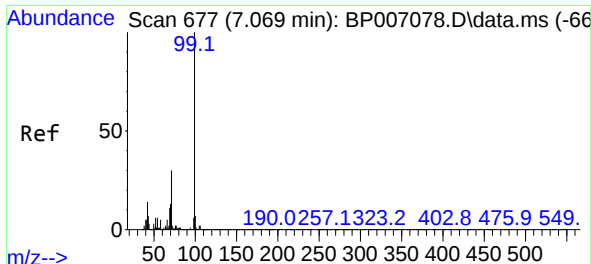
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#5
2-Fluorophenol
Concen: 9.10 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.005 min
Lab File: BP007366.D
Acq: 06 Oct 2021 21:59

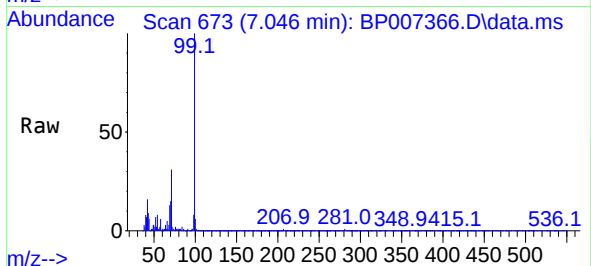
Tgt Ion:112 Resp: 88310
Ion Ratio Lower Upper
112 100
64 53.5 41.4 62.2
63 29.0 23.8 35.8





#7
Phenol-d6
Concen: 7.15 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.005 min
Lab File: BP007366.D
Acq: 06 Oct 2021 21:59

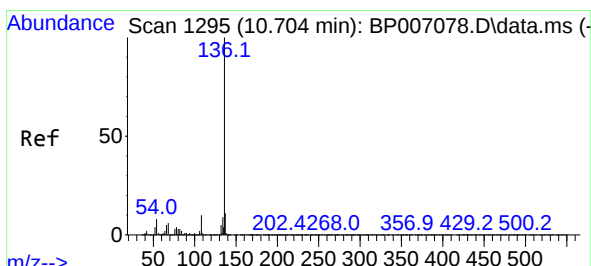
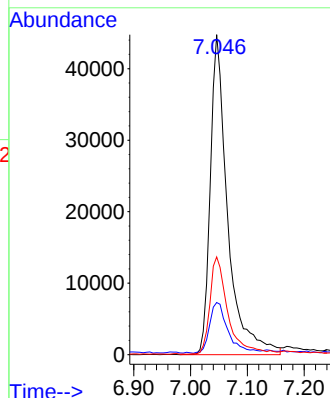
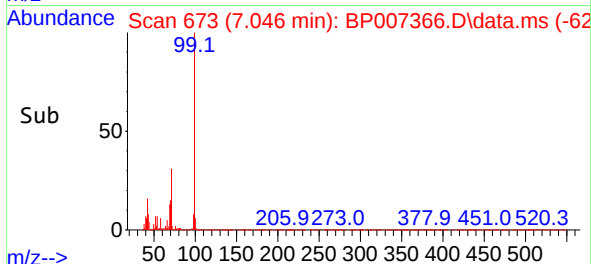
Instrument :
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ClientSampleId :
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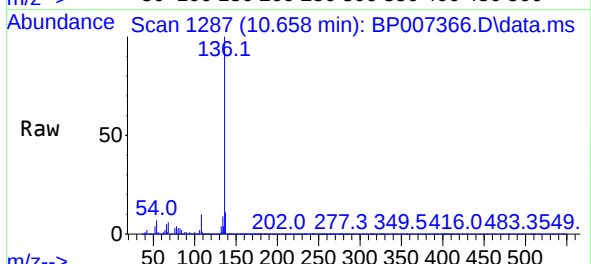
Tgt Ion: 99 Resp: 94888
Ion Ratio Lower Upper
99 100
42 16.3 13.4 20.0
71 30.5 30.6 46.0#

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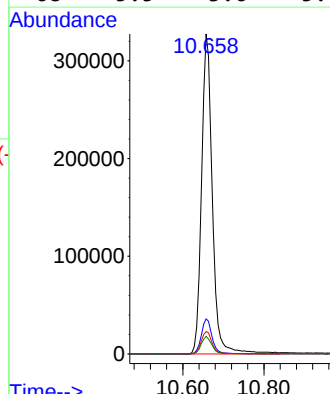
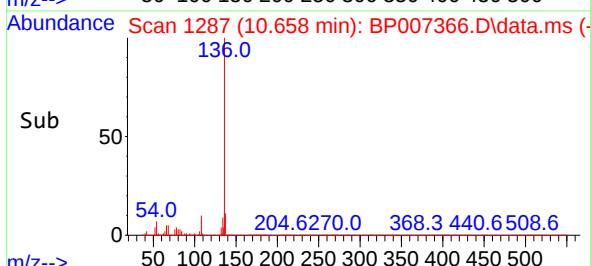
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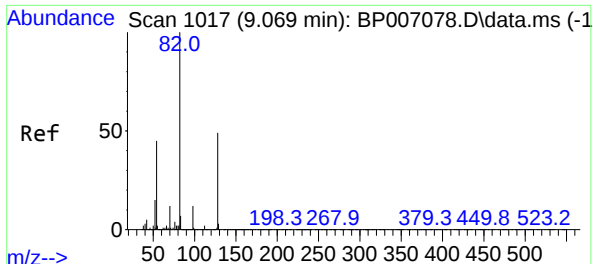


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.658 min Scan# 1287
Delta R.T. -0.005 min
Lab File: BP007366.D
Acq: 06 Oct 2021 21:59



Tgt Ion: 136 Resp: 606045
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.0 4.6 6.8#
68 5.5 3.6 5.4#





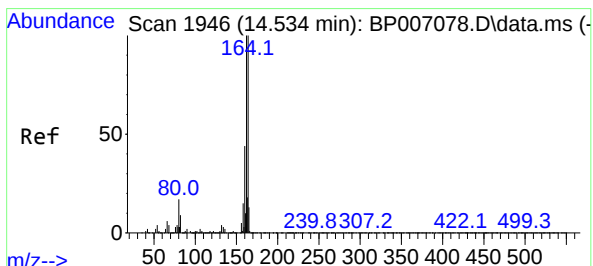
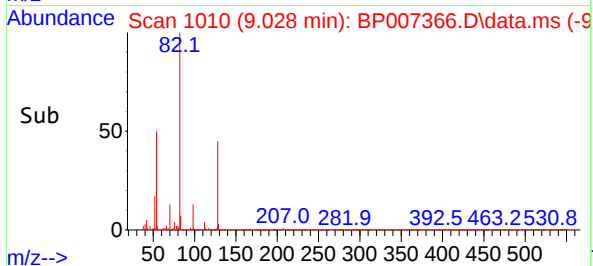
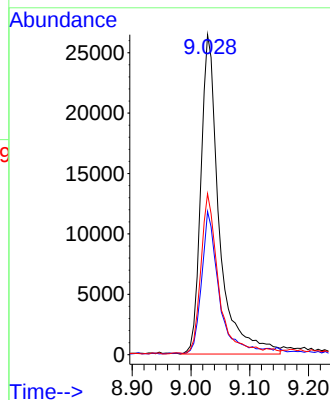
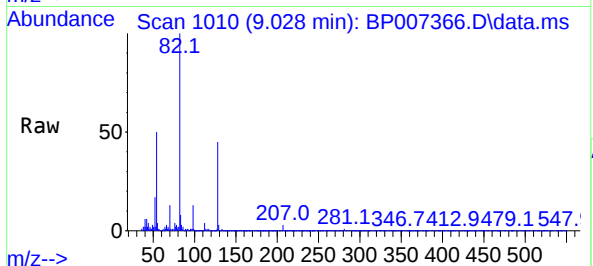
#23
Nitrobenzene-d5
Concen: 5.53 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP007366.D
Acq: 06 Oct 2021 21:59

Tgt Ion: 82 Resp: 57563
Ion Ratio Lower Upper
82 100
128 44.7 35.7 53.5
54 50.3 35.0 52.4

Instrument :
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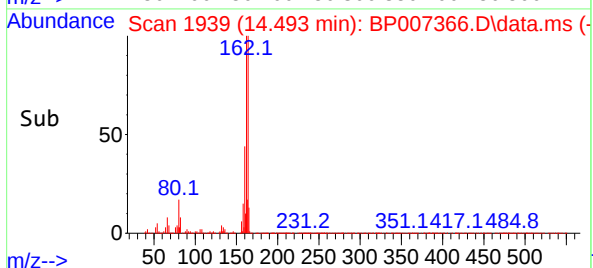
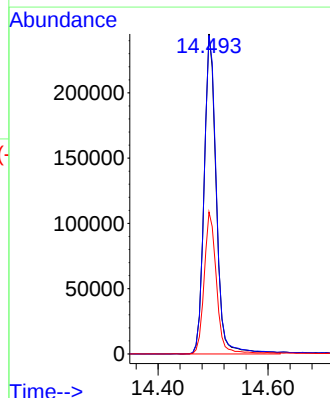
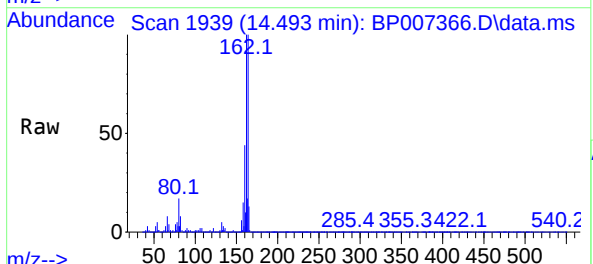
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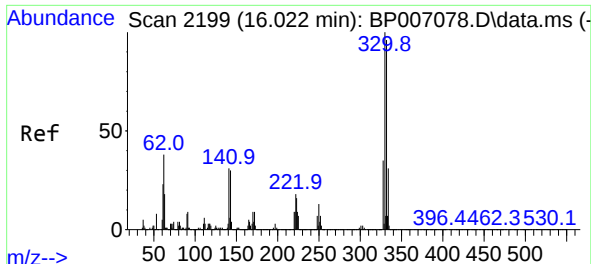
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.493 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BP007366.D
Acq: 06 Oct 2021 21:59

Tgt Ion: 164 Resp: 374450
Ion Ratio Lower Upper
164 100
162 99.5 80.2 120.2
160 44.4 34.5 51.7





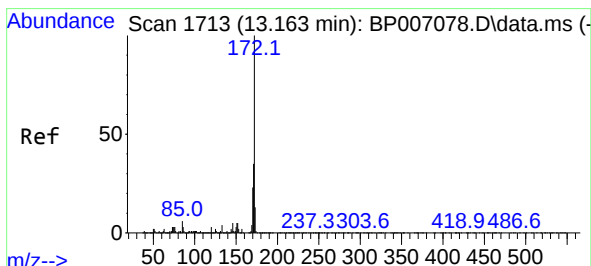
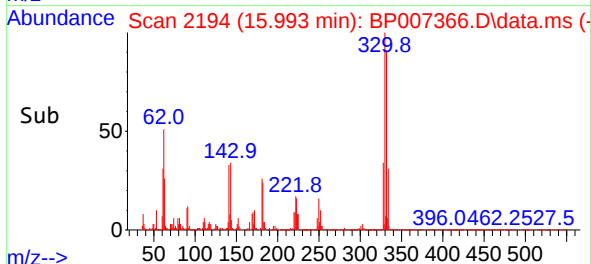
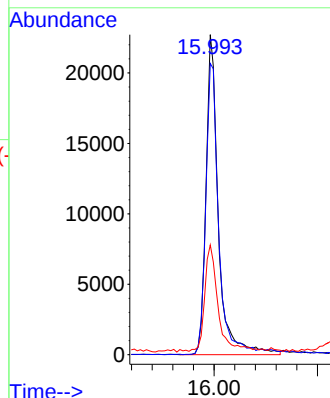
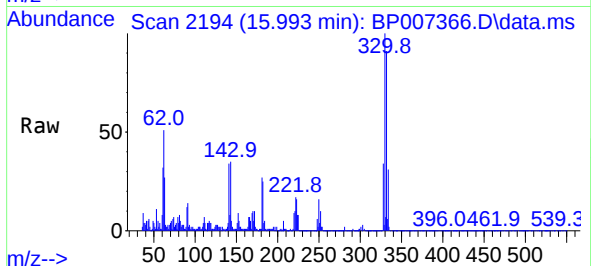
#42
2,4,6-Tribromophenol
Concen: 7.76 ng
RT: 15.993 min Scan# 2194
Delta R.T. -0.005 min
Lab File: BP007366.D
Acq: 06 Oct 2021 21:59

Tgt Ion: 330 Resp: 37677
Ion Ratio Lower Upper
330 100
332 94.6 77.8 116.8
141 35.8 25.4 38.2

Instrument :
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ClientSampleId :
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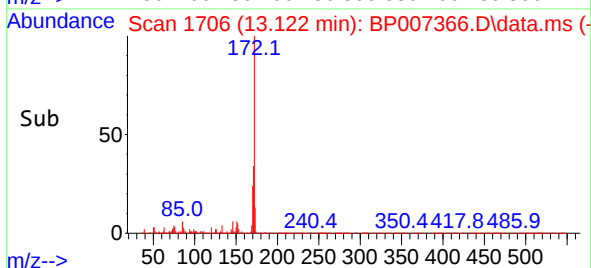
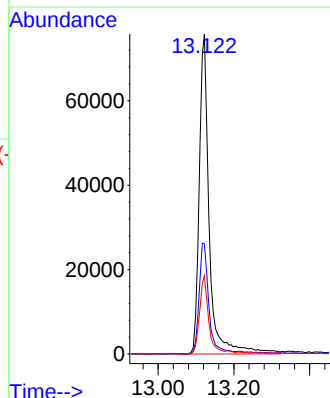
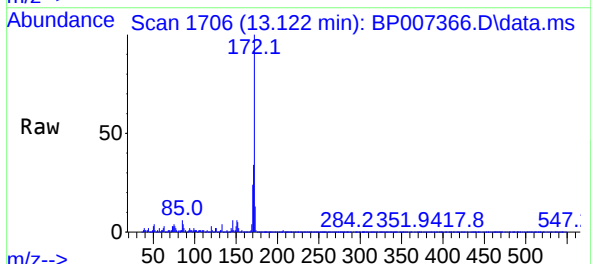
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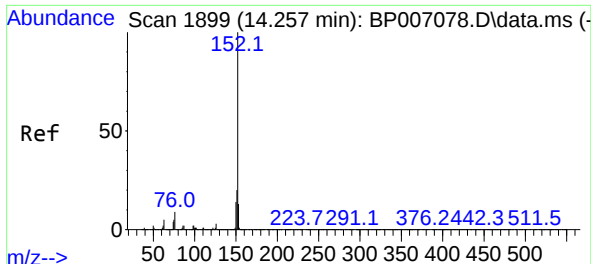
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#45
2-Fluorobiphenyl
Concen: 5.37 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.005 min
Lab File: BP007366.D
Acq: 06 Oct 2021 21:59

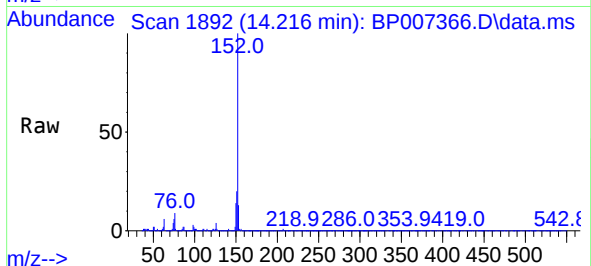
Tgt Ion: 172 Resp: 140237
Ion Ratio Lower Upper
172 100
171 34.4 27.9 41.9
170 24.5 18.6 27.8





#49
Acenaphthylene
Concen: 7.43 ng
RT: 14.216 min Scan# 1892
Delta R.T. -0.005 min
Lab File: BP007366.D
Acq: 06 Oct 2021 21:59

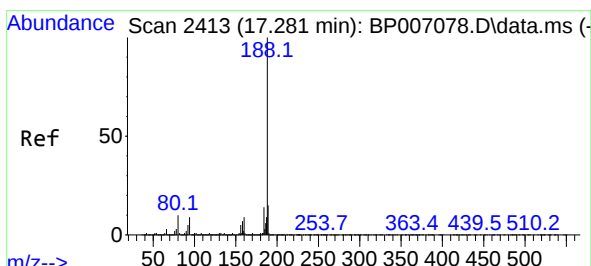
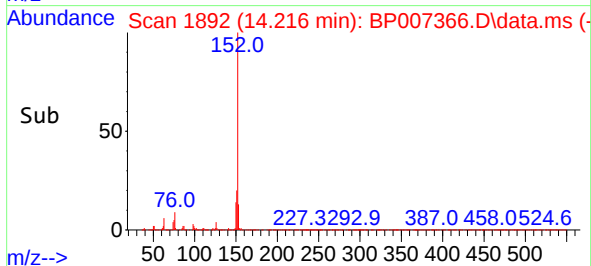
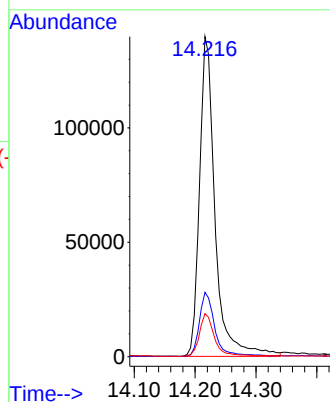
Instrument :
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SU-02-100421DL



Tgt Ion:152 Resp: 247063
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.5 10.6 16.0

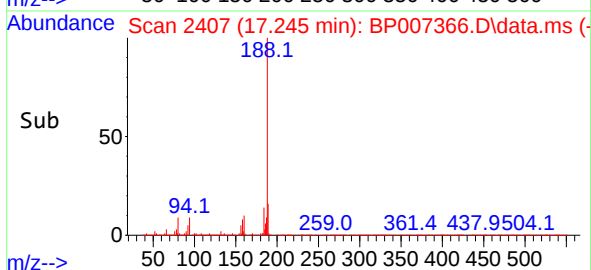
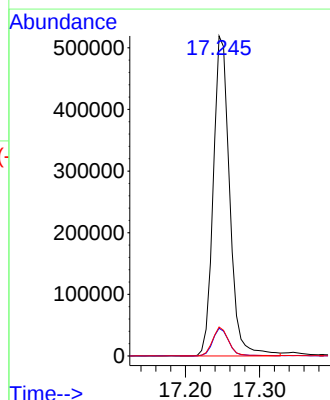
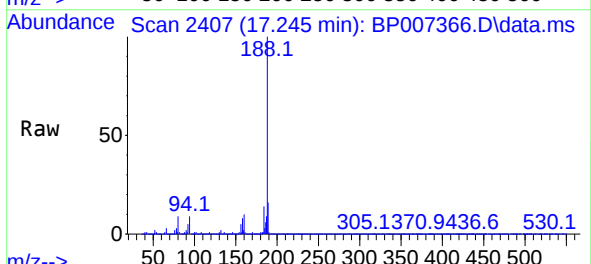
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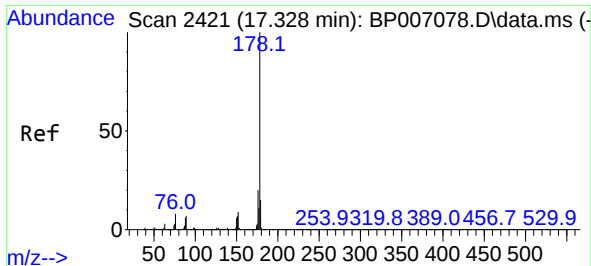
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BP007366.D
Acq: 06 Oct 2021 21:59

Tgt Ion:188 Resp: 795884
Ion Ratio Lower Upper
188 100
94 8.7 5.6 8.4#
80 9.0 6.3 9.5





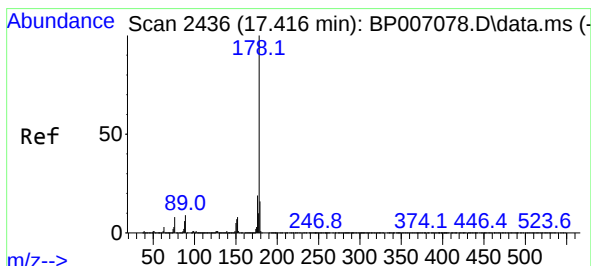
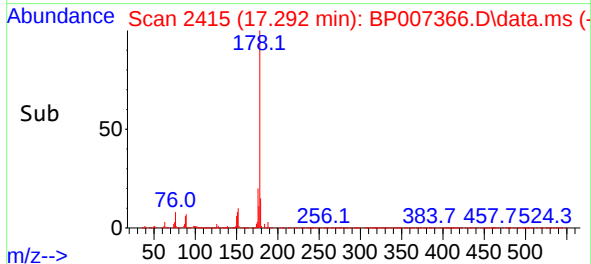
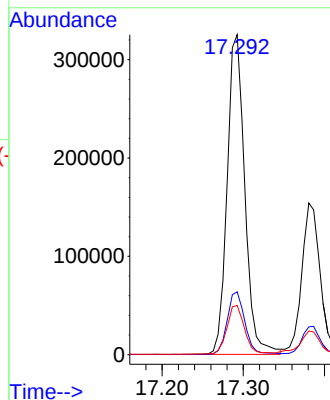
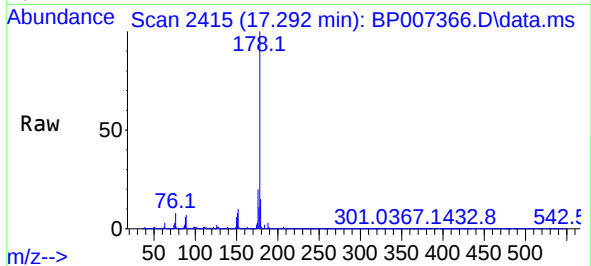
#71
Phenanthrene
Concen: 11.53 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.005 min
Lab File: BP007366.D
Acq: 06 Oct 2021 21:59

Tgt Ion:178 Resp: 492090
Ion Ratio Lower Upper
178 100
176 19.6 15.1 22.7
179 15.4 12.4 18.6

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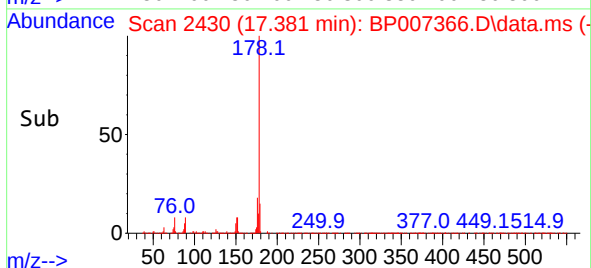
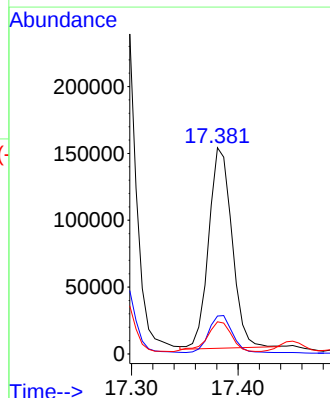
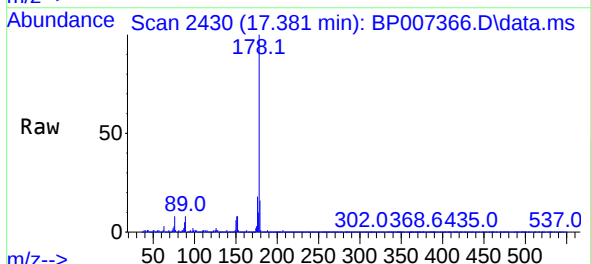
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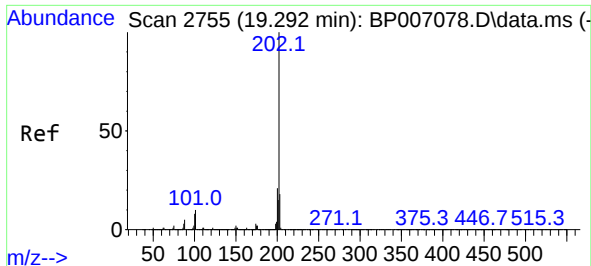
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#72
Anthracene
Concen: 5.47 ng
RT: 17.381 min Scan# 2430
Delta R.T. -0.005 min
Lab File: BP007366.D
Acq: 06 Oct 2021 21:59

Tgt Ion:178 Resp: 228249
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 15.6 12.2 18.2





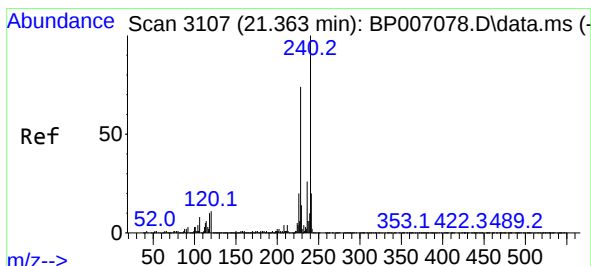
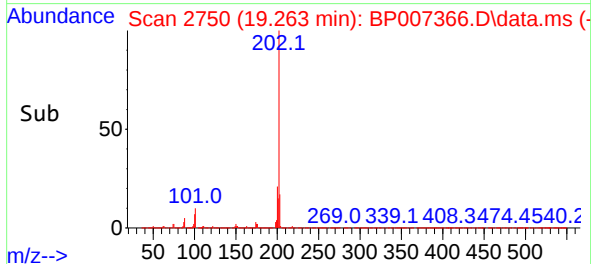
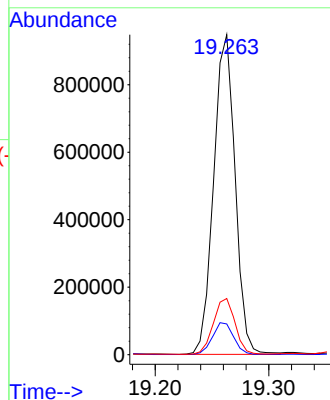
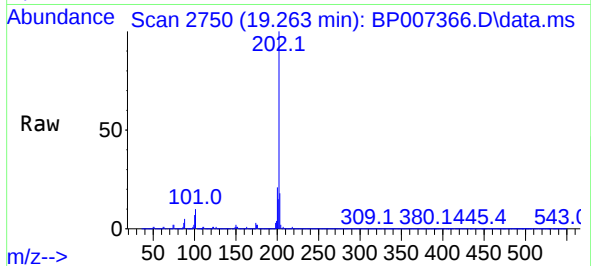
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Fluoranthene
Concen: 25.32 ng
RT: 19.263 min Scan# 2750
Delta R.T. 0.000 min
Lab File: BP007366.D
Acq: 06 Oct 2021 21:59

Tgt Ion:202 Resp: 1244837
Ion Ratio Lower Upper
202 100
101 9.6 0.0 27.6
203 17.6 0.0 37.8

Instrument :
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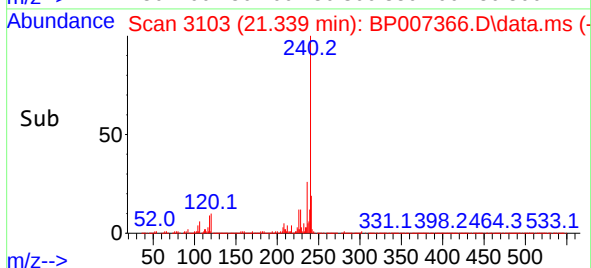
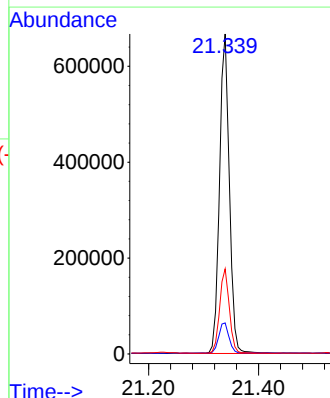
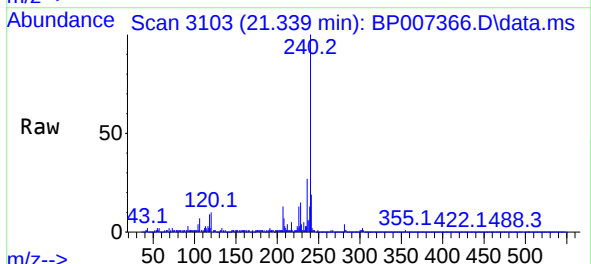
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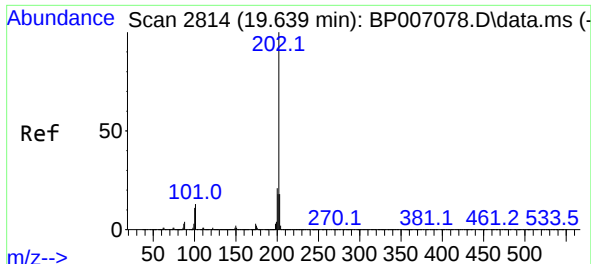
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP007366.D
Acq: 06 Oct 2021 21:59

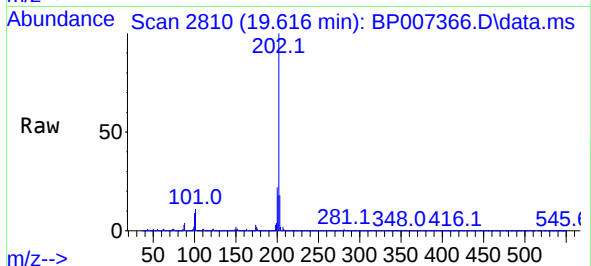
Tgt Ion:240 Resp: 828031
Ion Ratio Lower Upper
240 100
120 9.7 6.5 9.7
236 26.6 20.6 31.0





#78
Pyrene
Concen: 21.26 ng
RT: 19.616 min Scan# 2810
Delta R.T. 0.000 min
Lab File: BP007366.D
Acq: 06 Oct 2021 21:59

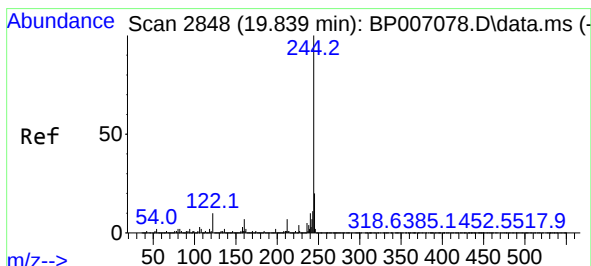
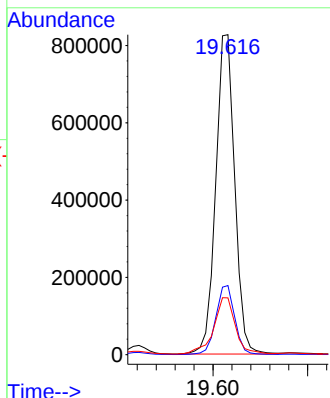
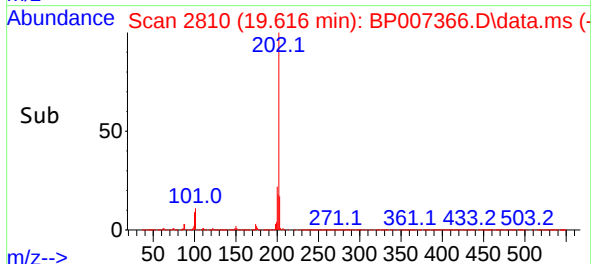
Instrument :
BNA_P
ClientSampleId :
SU-02-100421DL



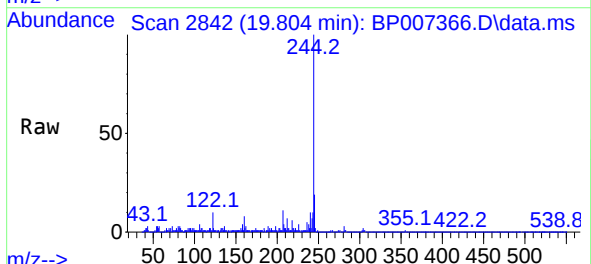
Tgt Ion:202 Resp: 1154726
Ion Ratio Lower Upper
202 100
200 21.6 16.3 24.5
203 17.7 14.2 21.2

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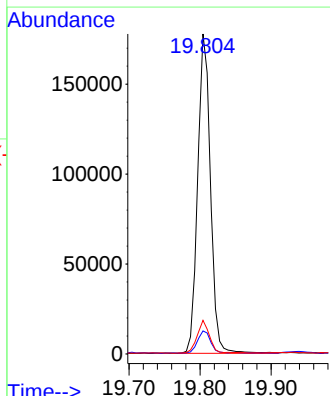
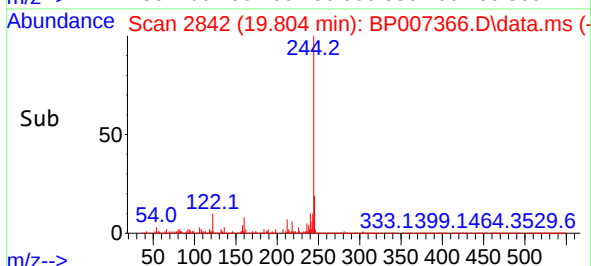
mohammad
10/8/2021 8:34:32 AM

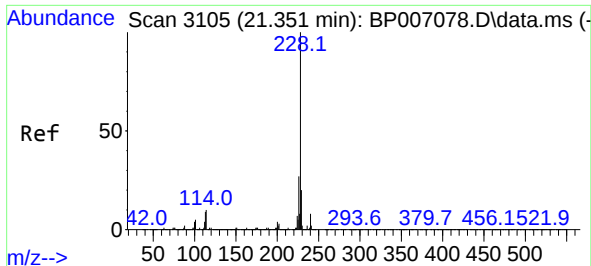


#79
Terphenyl-d14
Concen: 5.15 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.005 min
Lab File: BP007366.D
Acq: 06 Oct 2021 21:59



Tgt Ion:244 Resp: 222697
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 10.5 7.1 10.7





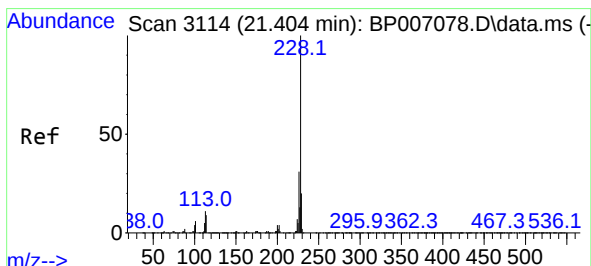
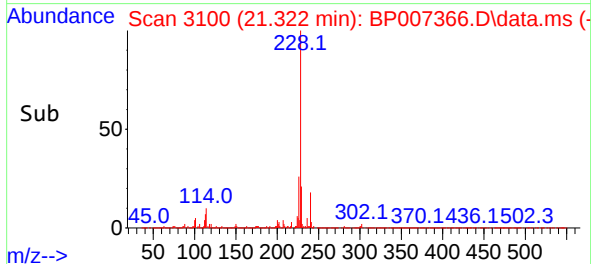
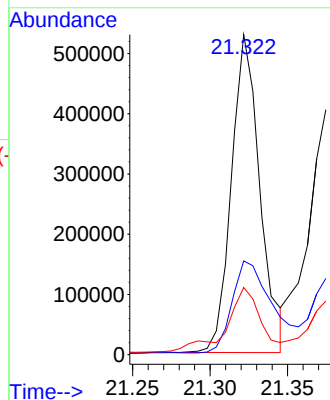
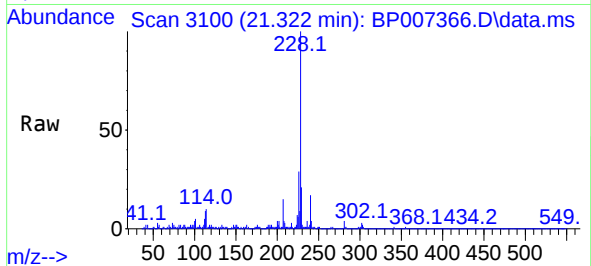
#81
Benzo(a)anthracene
Concen: 12.57 ng
RT: 21.322 min Scan# 3100
Delta R.T. -0.005 min
Lab File: BP007366.D
Acq: 06 Oct 2021 21:59

Tgt Ion:228 Resp: 675750
Ion Ratio Lower Upper
228 100
226 29.3 21.6 32.4
229 21.0 15.8 23.6

Instrument :
BNA_P
ClientSampleId :
SU-02-100421DL

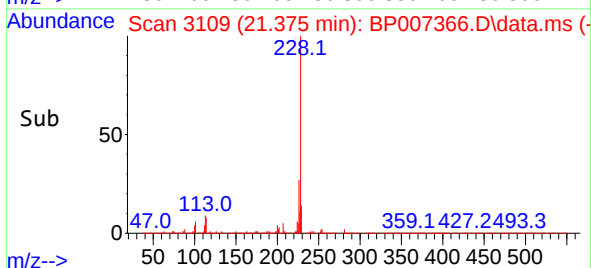
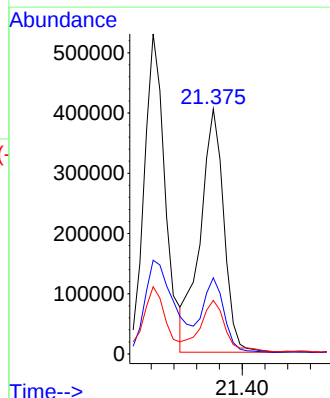
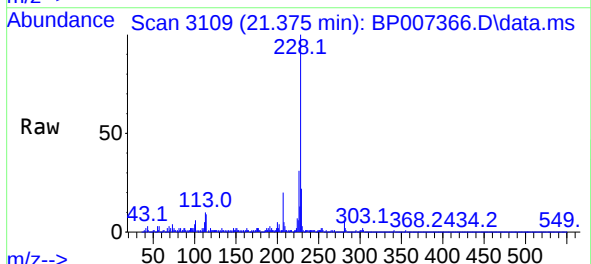
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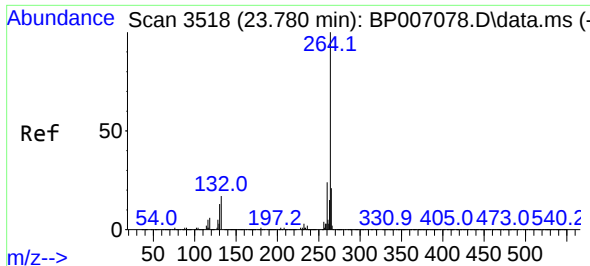
mohammad
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#83
Chrysene
Concen: 11.43 ng
RT: 21.375 min Scan# 3109
Delta R.T. -0.005 min
Lab File: BP007366.D
Acq: 06 Oct 2021 21:59

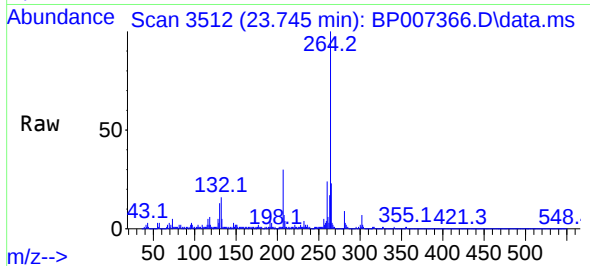
Tgt Ion:228 Resp: 586975
Ion Ratio Lower Upper
228 100
226 31.1 23.8 35.6
229 21.9 15.4 23.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.745 min Scan# 3512
Delta R.T. 0.000 min
Lab File: BP007366.D
Acq: 06 Oct 2021 21:59

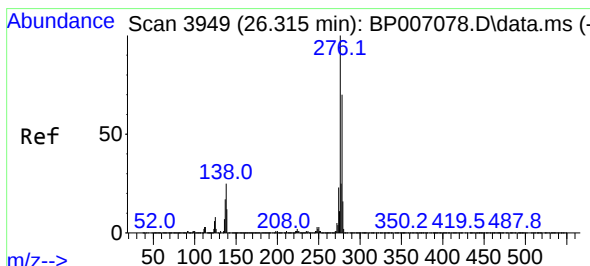
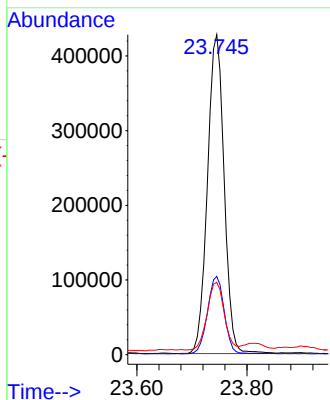
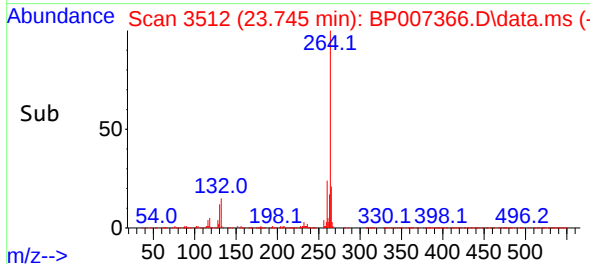
Instrument :
BNA_P
ClientSampleId :
SU-02-100421DL



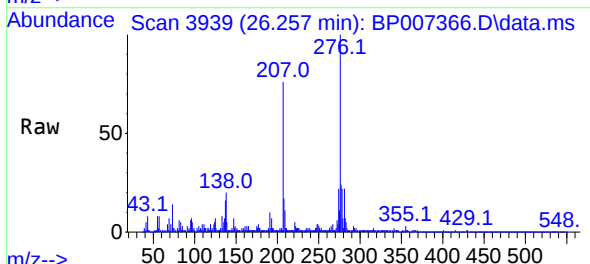
Tgt Ion:264 Resp: 900030
Ion Ratio Lower Upper
264 100
260 24.4 18.6 28.0
265 22.6 17.6 26.4

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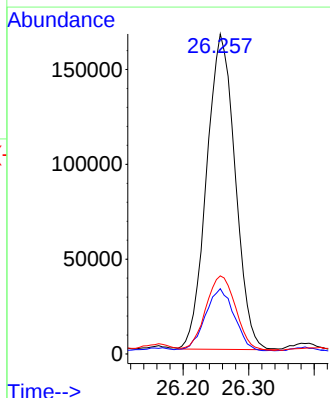
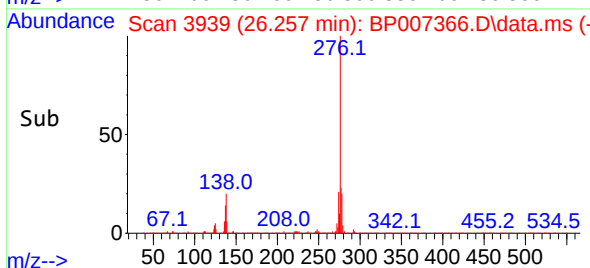
mohammad
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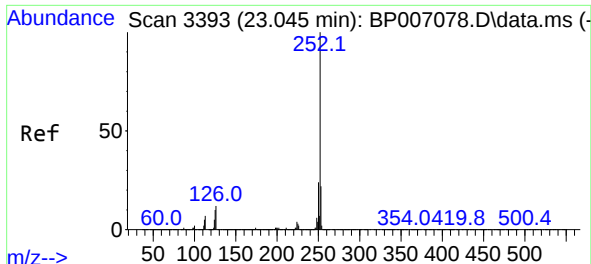


#87
Indeno(1,2,3-cd)pyrene
Concen: 7.77 ng
RT: 26.257 min Scan# 3939
Delta R.T. -0.011 min
Lab File: BP007366.D
Acq: 06 Oct 2021 21:59



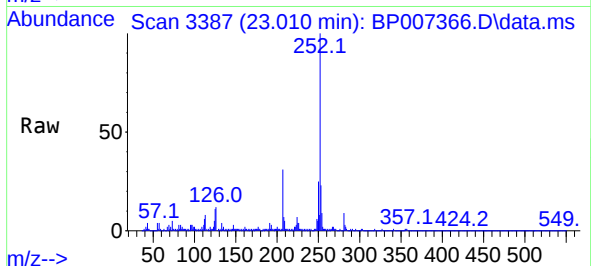
Tgt Ion:276 Resp: 502858
Ion Ratio Lower Upper
276 100
138 20.2 15.3 22.9
277 24.7 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 17.48 ng
RT: 23.010 min Scan# 3387
Delta R.T. 0.000 min
Lab File: BP007366.D
Acq: 06 Oct 2021 21:59

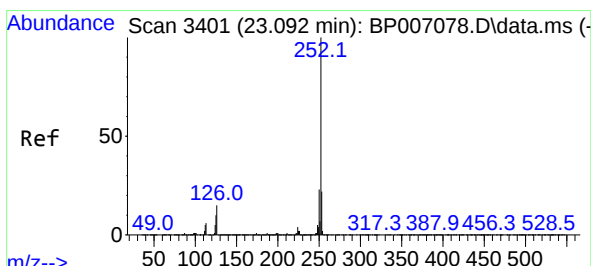
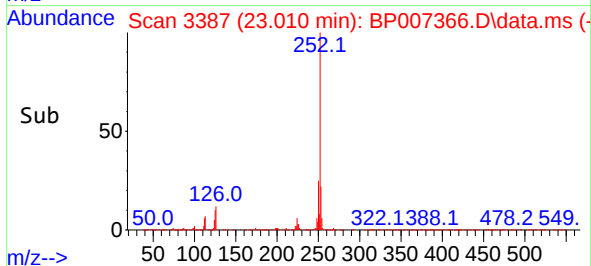
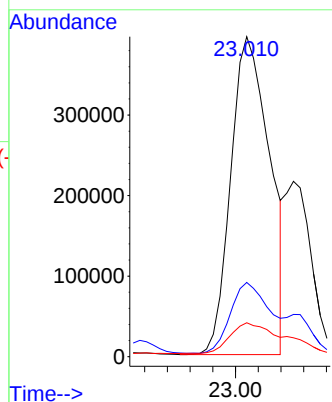
Instrument :
BNA_P
ClientSampleId :
SU-02-100421DL



Tgt Ion:252 Resp: 940222
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 10.6 6.2 9.4#

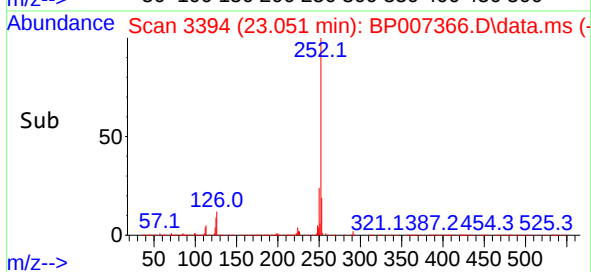
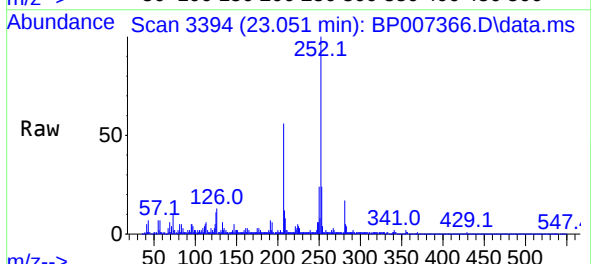
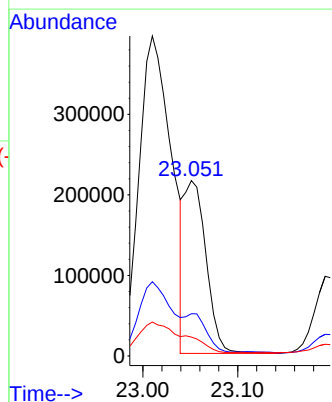
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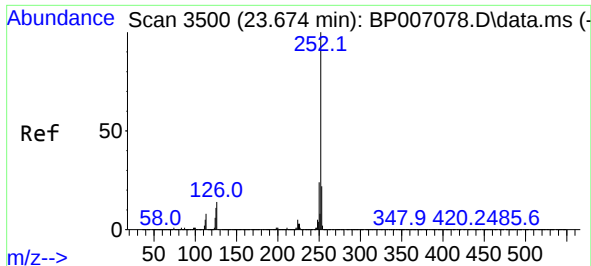
mohammad
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#89
Benzo(k)fluoranthene
Concen: 6.29 ng m
RT: 23.051 min Scan# 3394
Delta R.T. -0.005 min
Lab File: BP007366.D
Acq: 06 Oct 2021 21:59

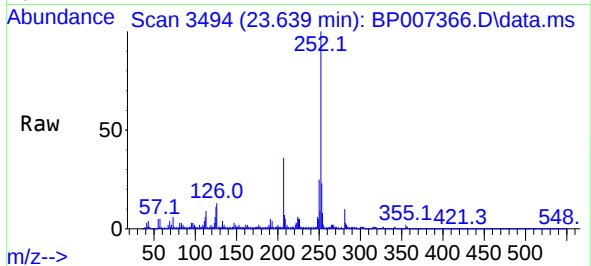
Tgt Ion:252 Resp: 342657
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 10.8 6.0 9.0#





#90
Benzo(a)pyrene
Concen: 15.77 ng
RT: 23.639 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BP007366.D
Acq: 06 Oct 2021 21:59

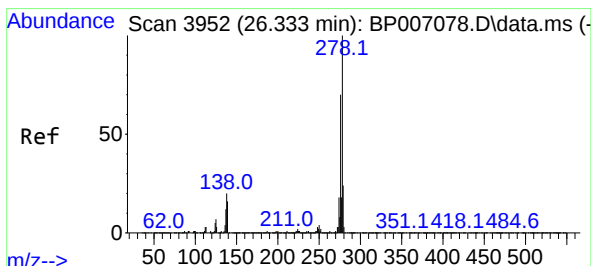
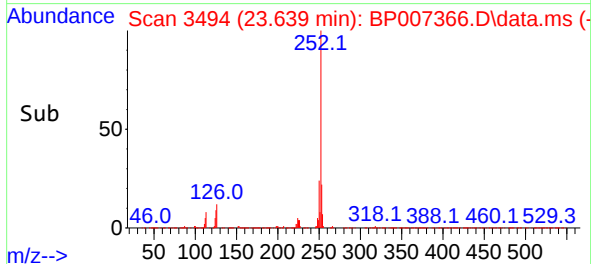
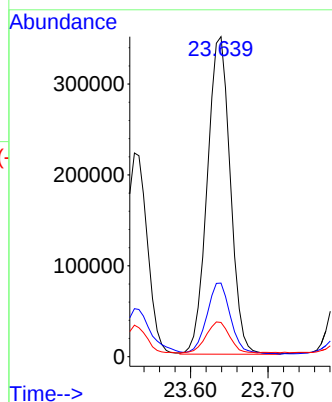
Instrument :
BNA_P
ClientSampleId :
SU-02-100421DL



Tgt Ion:252 Resp: 720592
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 10.7 6.5 9.7#

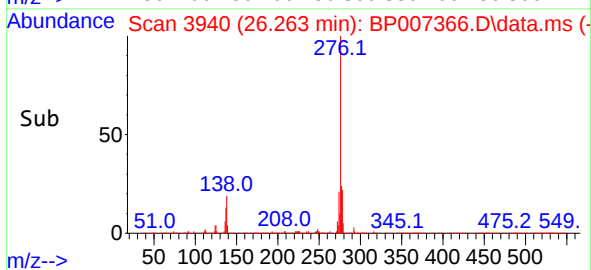
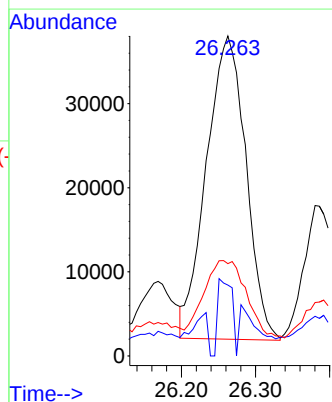
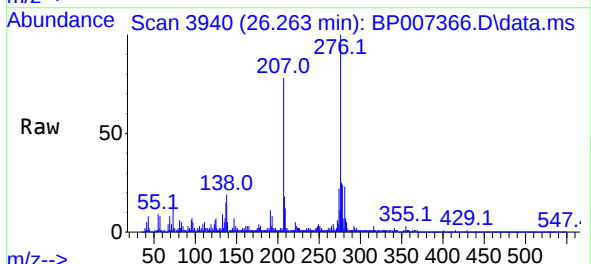
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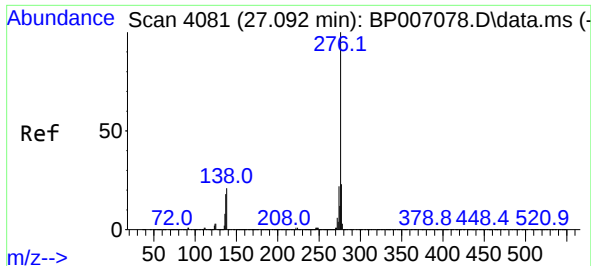
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 2.46 ng
RT: 26.263 min Scan# 3940
Delta R.T. -0.017 min
Lab File: BP007366.D
Acq: 06 Oct 2021 21:59

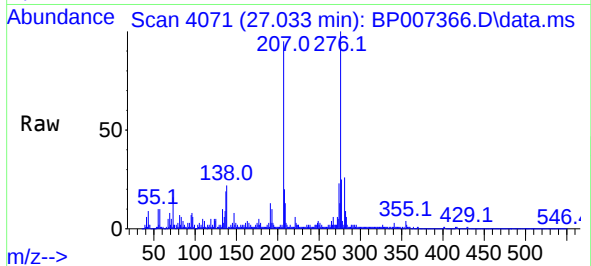
Tgt Ion:278 Resp: 133608
Ion Ratio Lower Upper
278 100
139 22.1 9.3 13.9#
279 28.8 18.8 28.2#





#92
Benzo(g,h,i)perylene
Concen: 8.97 ng
RT: 27.033 min Scan# 4071
Delta R.T. -0.011 min
Lab File: BP007366.D
Acq: 06 Oct 2021 21:59

Instrument :
BNA_P
ClientSampleId :
SU-02-100421DL



Tgt Ion: 276 Resp: 474662
Ion Ratio Lower Upper
276 100
277 25.1 18.9 28.3
138 21.6 12.6 18.8#

Manual Integrations
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