

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092220\
 Data File : BP003346.D
 Acq On : 22 Sep 2020 19:11
 Operator : CG/JU
 Sample : L3869-06DL 4X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-02-091820DL

Manual Integrations
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mohammad
 9/23/2020 10:44:03 AM

Quant Time: Sep 23 03:33:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 12:48:08 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	228286	20.00	ng	0.00
21) Naphthalene-d8	10.346	136	918794	20.00	ng	# 0.00
39) Acenaphthene-d10	14.216	164	536234	20.00	ng	0.00
64) Phenanthrene-d10	16.975	188	1100788	20.00	ng	0.00
76) Chrysene-d12	21.069	240	859382	20.00	ng	0.00
86) Perylene-d12	23.263	264	826043	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	293326	22.44	ng	0.00
7) Phenol-d6	6.769	99	380648	21.84	ng	0.00
23) Nitrobenzene-d5	8.716	82	242735	15.52	ng	0.00
42) 2,4,6-Tribromophenol	15.716	330	131435	16.07	ng	0.00
45) 2-Fluorobiphenyl	12.834	172	550826	15.02	ng	0.00
79) Terphenyl-d14	19.551	244	664707	16.12	ng	0.00
Target Compounds						Qvalue
38) 1-Methylnaphthalene	12.240	142	210007	6.29	ng	# 100
52) Acenaphthene	14.281	154	267976	8.70	ng	99
55) Dibenzofuran	14.622	168	226025	4.60	ng	# 94
58) Fluorene	15.275	166	482537	12.43	ng	100
71) Phenanthrene	17.016	178	2916540	48.70	ng	99
72) Anthracene	17.104	178	777780	13.18	ng	100
75) Fluoranthene	18.998	202	1960442	26.03	ng	99
78) Pyrene	19.351	202	1682339	31.39	ng	100
81) Benzo(a)anthracene	21.057	228	485229	8.73	ng	99
83) Chrysene	21.104	228	407787	7.64	ng	98
87) Indeno(1,2,3-cd)pyrene	25.486	276	236670	3.78	ng	96
88) Benzo(b)fluoranthene	22.610	252	466375	8.94	ng	95
89) Benzo(k)fluoranthene	22.645	252	173881m	3.48	ng	
90) Benzo(a)pyrene	23.169	252	355196	7.22	ng	98
92) Benzo(g,h,i)perylene	26.168	276	236672	4.59	ng	98

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

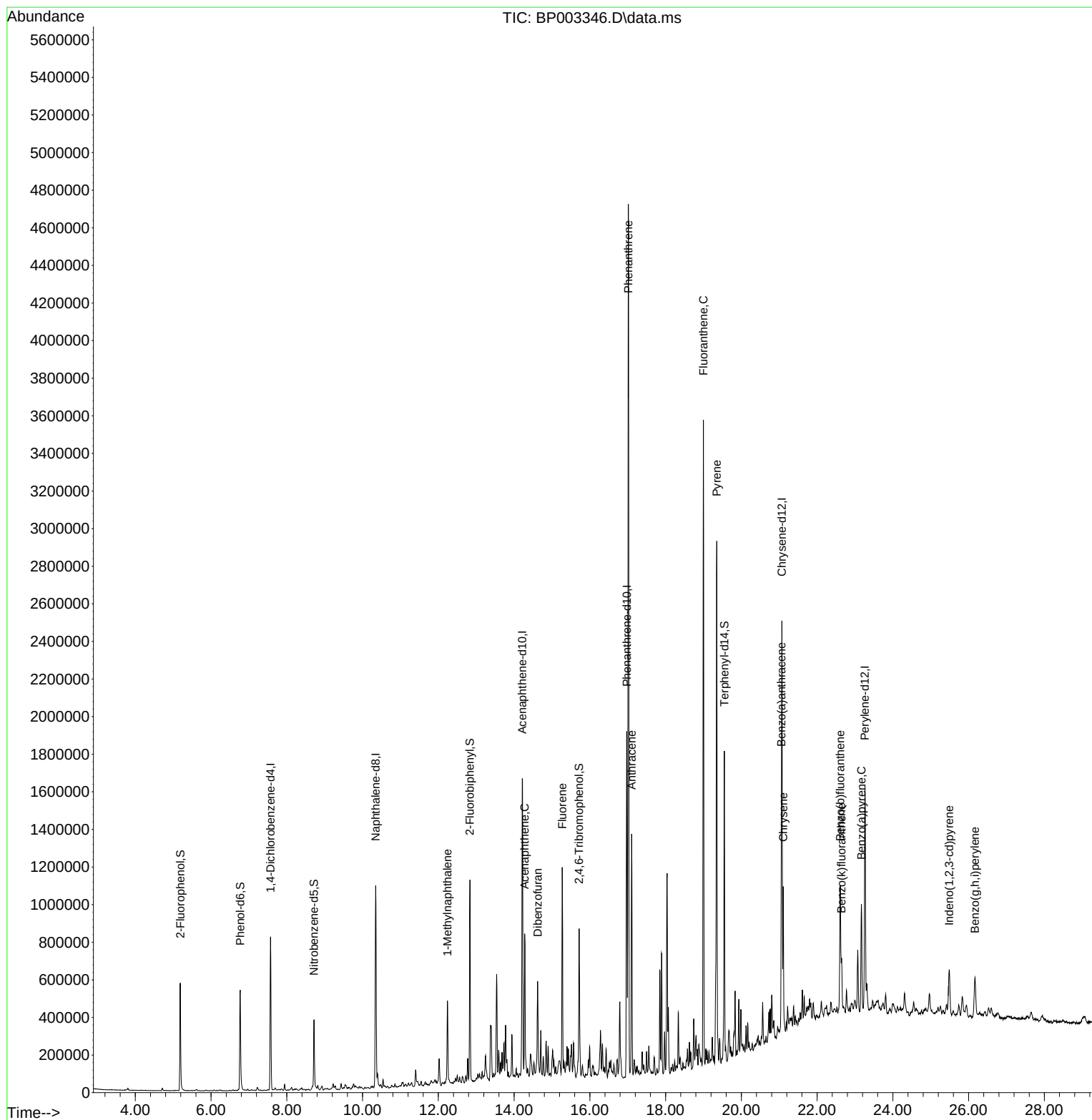
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092220\
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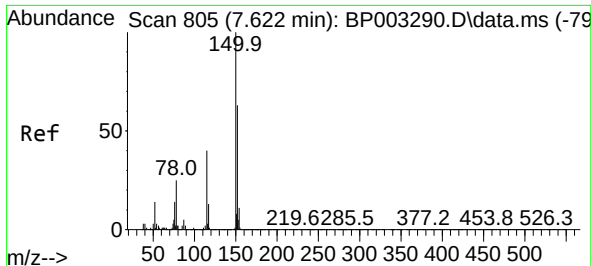
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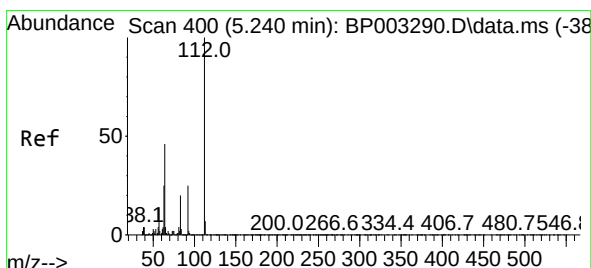
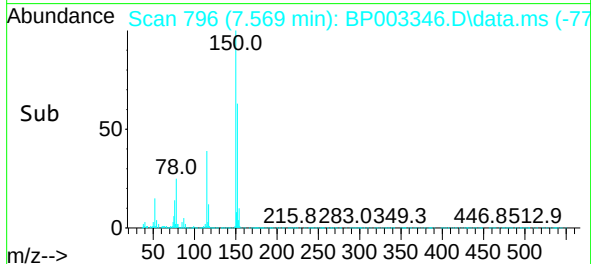
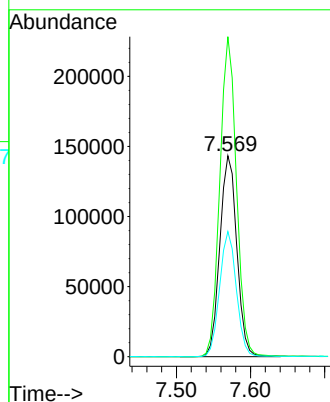
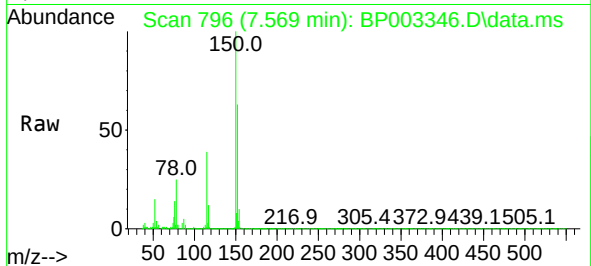
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.569 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP003346.D
Acq: 22 Sep 2020 19:11

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.2	123.8	185.6
115	62.2	43.8	65.6

Instrument :
BNA_P
ClientSampleId :
OR-02-091820DL

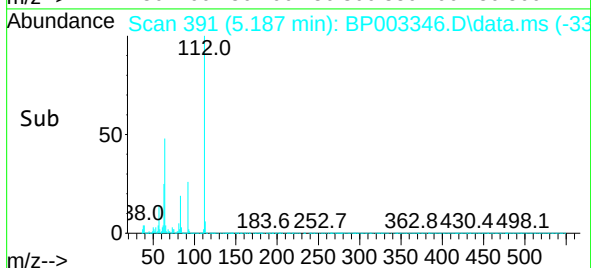
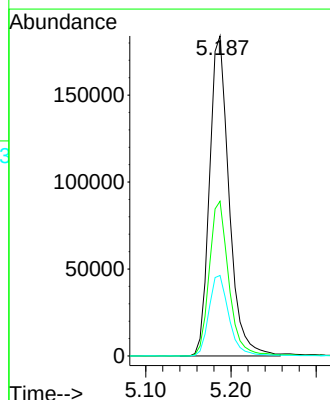
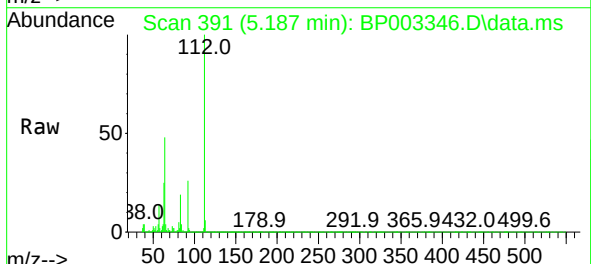
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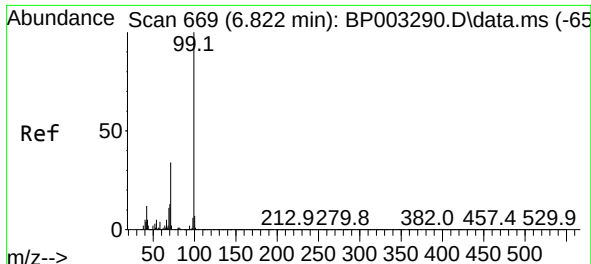
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#5
2-Fluorophenol
Concen: 22.44 ng
RT: 5.187 min Scan# 391
Delta R.T. 0.006 min
Lab File: BP003346.D
Acq: 22 Sep 2020 19:11

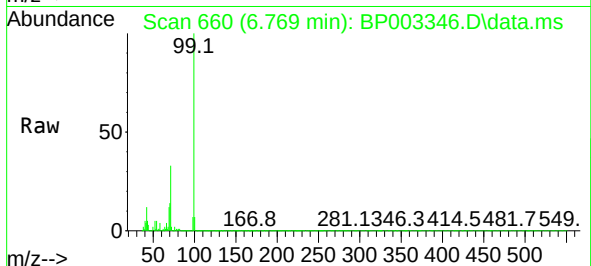
Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.4	32.8	49.2
63	25.1	17.0	25.4





#7
Phenol-d6
Concen: 21.84 ng
RT: 6.769 min Scan# 660
Delta R.T. 0.000 min
Lab File: BP003346.D
Acq: 22 Sep 2020 19:11

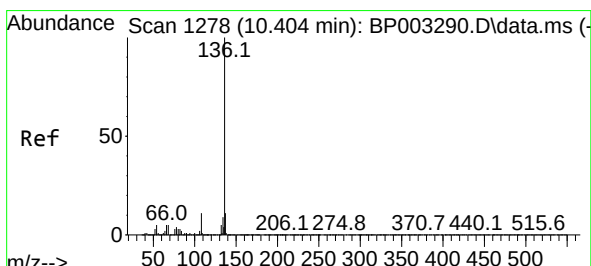
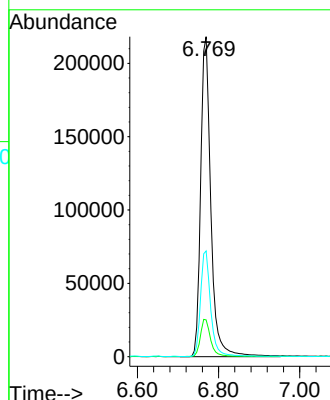
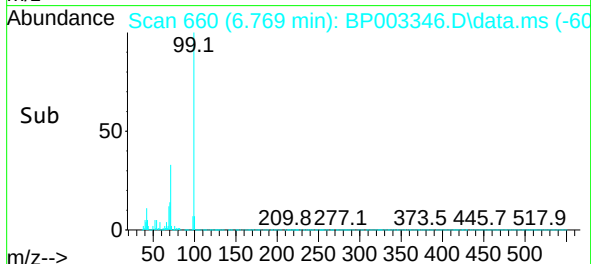
Instrument :
BNA_P
ClientSampleId :
OR-02-091820DL



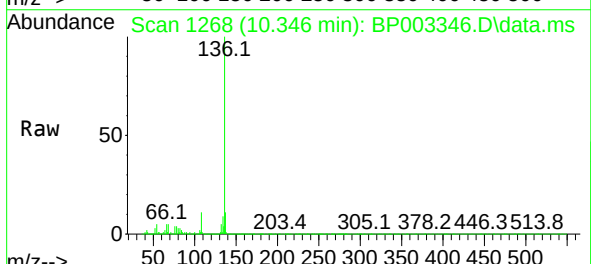
Tgt Ion: 99 Resp: 380648
Ion Ratio Lower Upper
99 100
42 11.5 8.6 13.0
71 33.1 23.4 35.2

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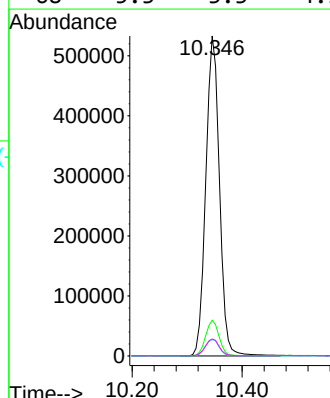
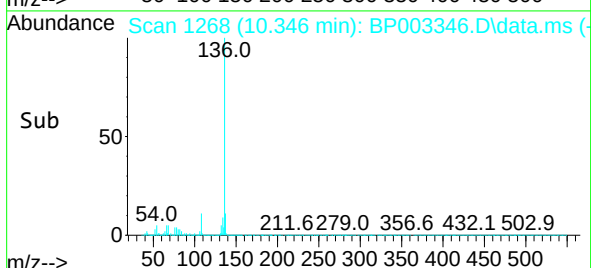
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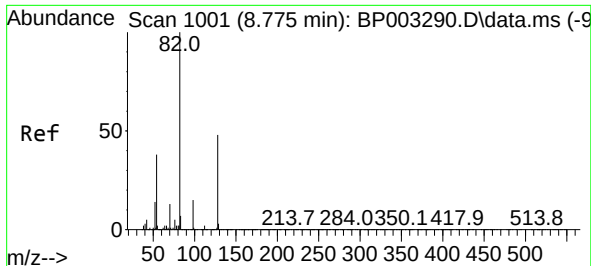


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.346 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BP003346.D
Acq: 22 Sep 2020 19:11



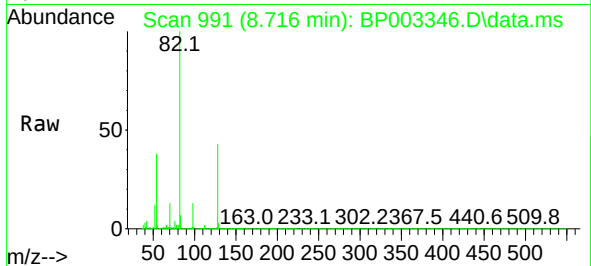
Tgt Ion: 136 Resp: 918794
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 5.1 3.6 5.4
68 5.3 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 15.52 ng
RT: 8.716 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP003346.D
Acq: 22 Sep 2020 19:11

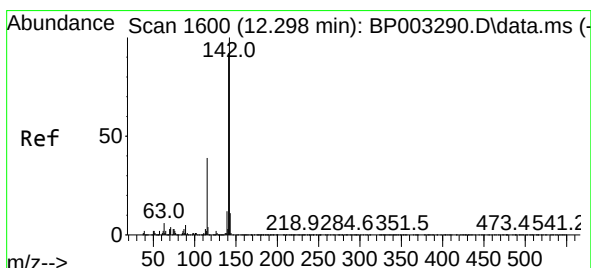
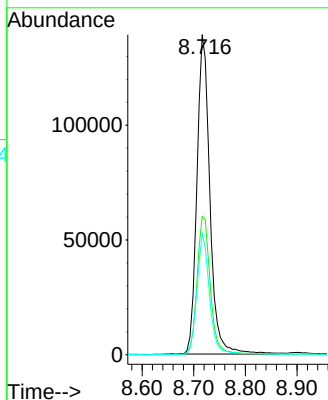
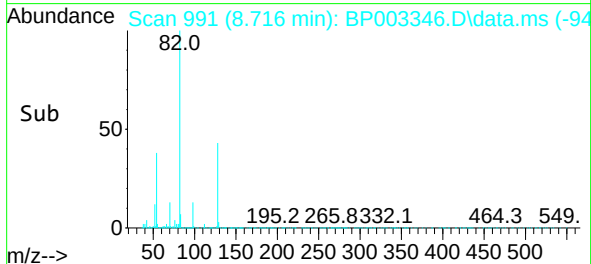
Instrument :
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ClientSampleId :
OR-02-091820DL



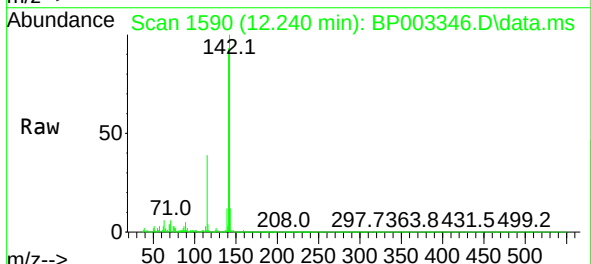
Tgt Ion: 82 Resp: 242735
Ion Ratio Lower Upper
82 100
128 43.2 45.6 68.4#
54 37.8 30.1 45.1

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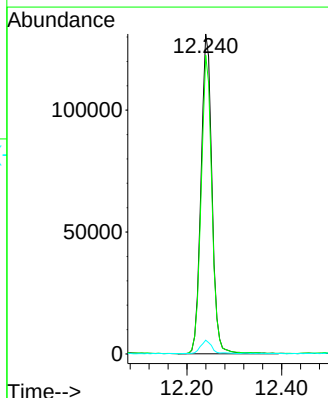
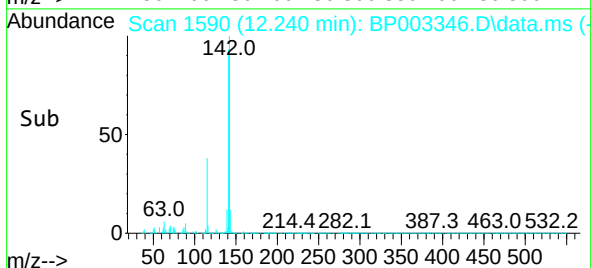
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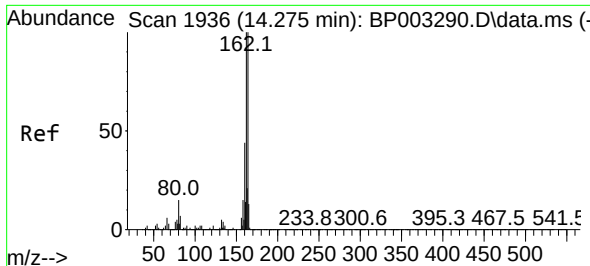


#38
1-Methylnaphthalene
Concen: 6.29 ng
RT: 12.240 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BP003346.D
Acq: 22 Sep 2020 19:11



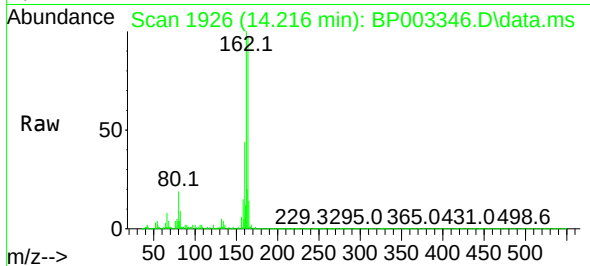
Tgt Ion: 142 Resp: 210007
Ion Ratio Lower Upper
142 100
141 93.4 74.4 111.6
116 4.3 2.9 4.3#





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.216 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP003346.D
Acq: 22 Sep 2020 19:11

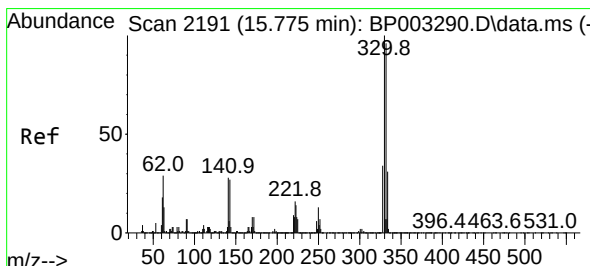
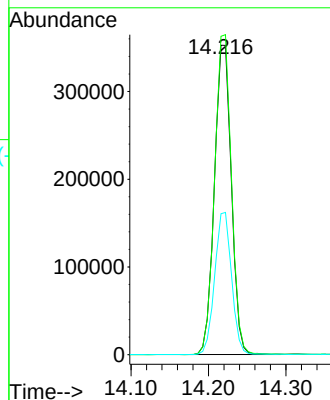
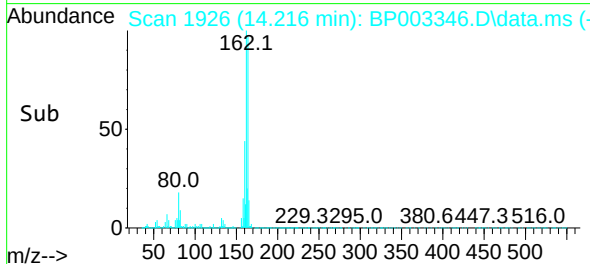
Instrument :
BNA_P
ClientSampleId :
OR-02-091820DL



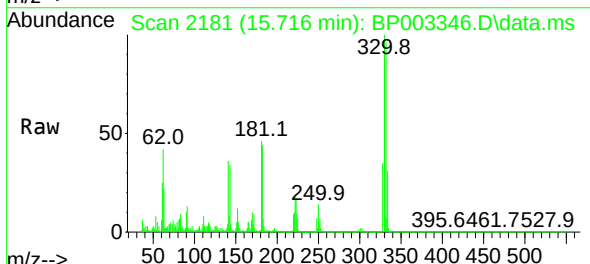
Tgt Ion:164 Resp: 536234
Ion Ratio Lower Upper
164 100
162 102.9 79.4 119.2
160 45.5 36.1 54.1

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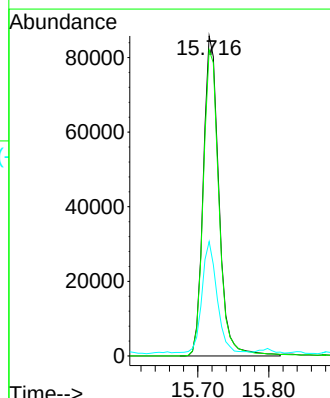
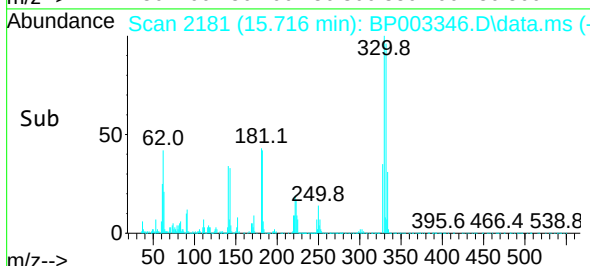
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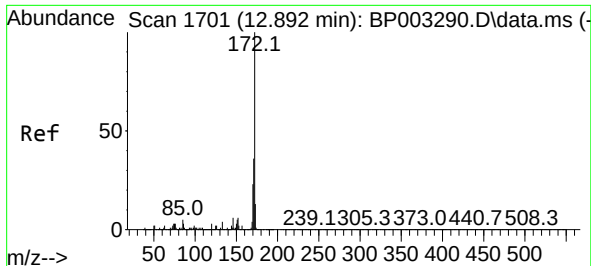


#42
2,4,6-Tribromophenol
Concen: 16.07 ng
RT: 15.716 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BP003346.D
Acq: 22 Sep 2020 19:11



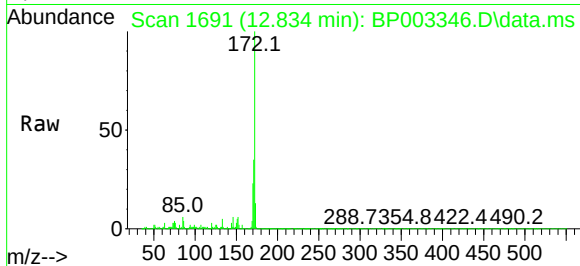
Tgt Ion:330 Resp: 131435
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 34.0 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 15.02 ng
RT: 12.834 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP003346.D
Acq: 22 Sep 2020 19:11

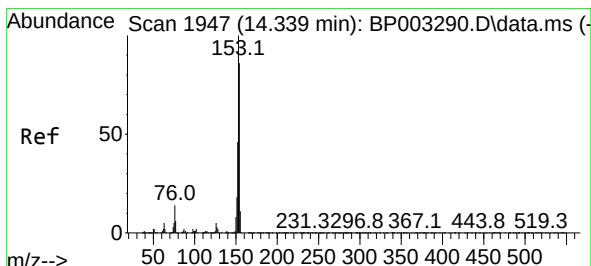
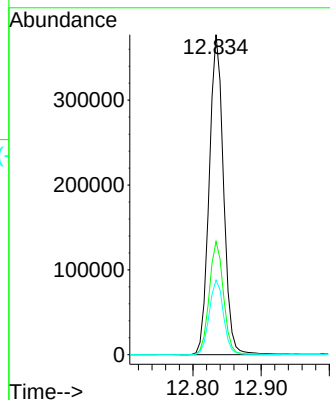
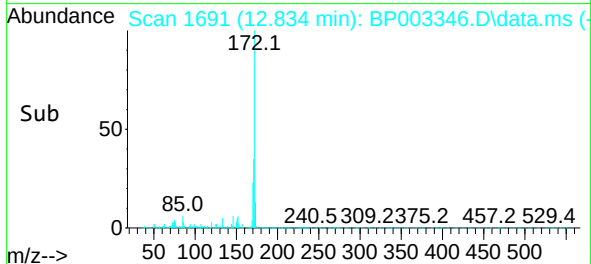
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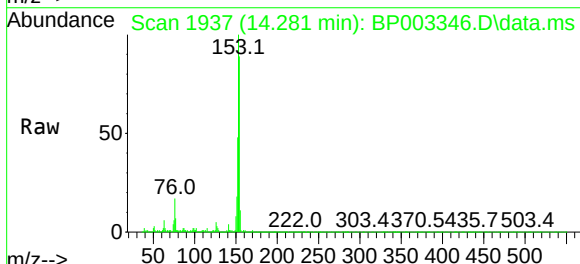
Tgt Ion:172 Resp: 550826
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.3 19.2 28.8

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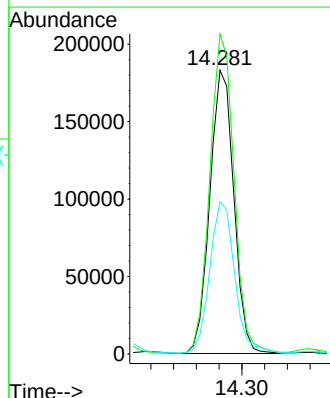
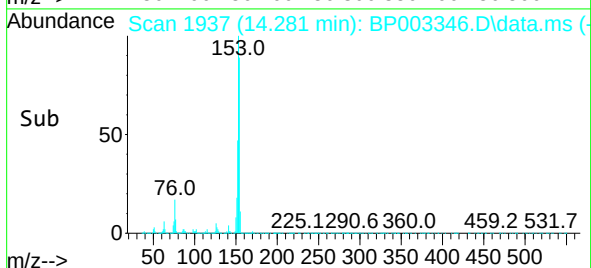
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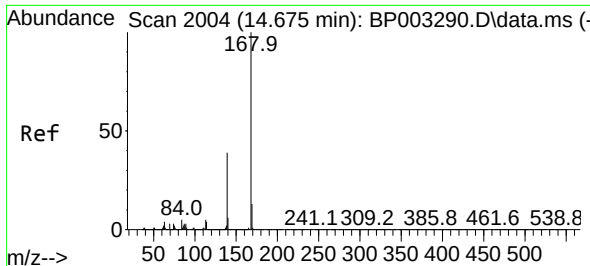


#52
Acenaphthene
Concen: 8.70 ng
RT: 14.281 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BP003346.D
Acq: 22 Sep 2020 19:11



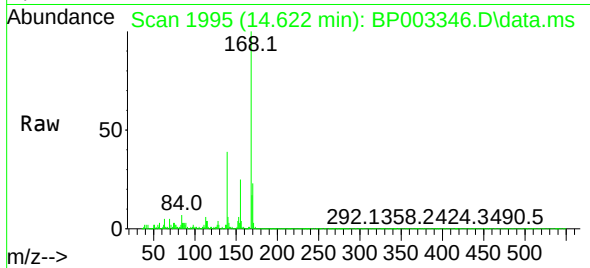
Tgt Ion:154 Resp: 267976
Ion Ratio Lower Upper
154 100
153 112.8 91.0 136.6
152 53.6 43.0 64.6





#55
Dibenzofuran
Concen: 4.60 ng
RT: 14.622 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BP003346.D
Acq: 22 Sep 2020 19:11

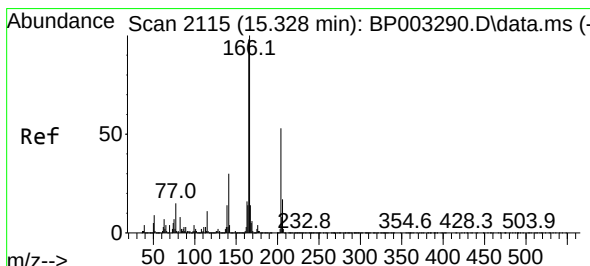
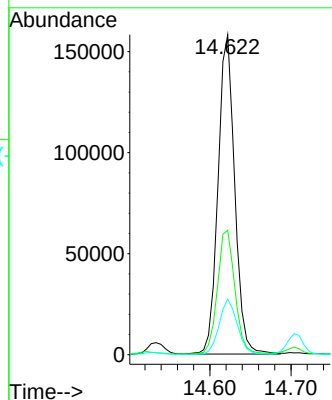
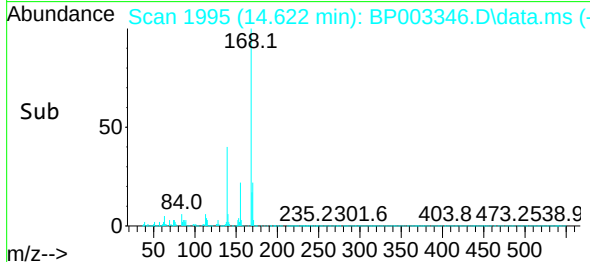
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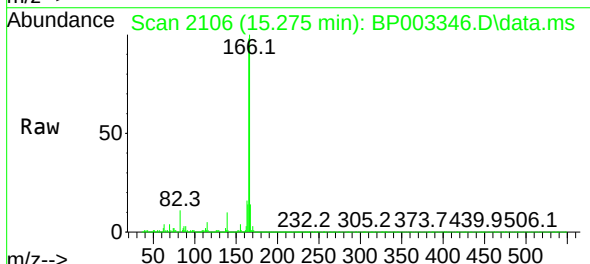
Tgt Ion:168 Resp: 226025
Ion Ratio Lower Upper
168 100
139 38.9 29.1 43.7
169 17.4 10.4 15.6#

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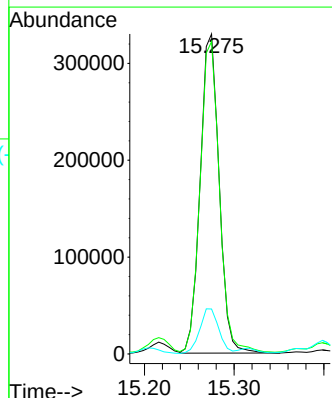
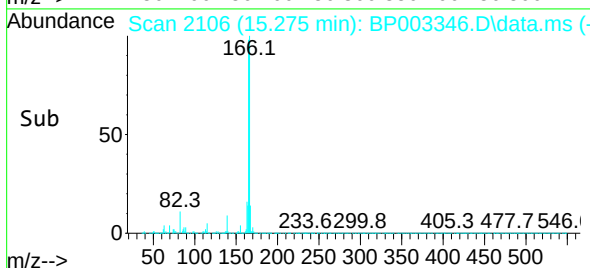
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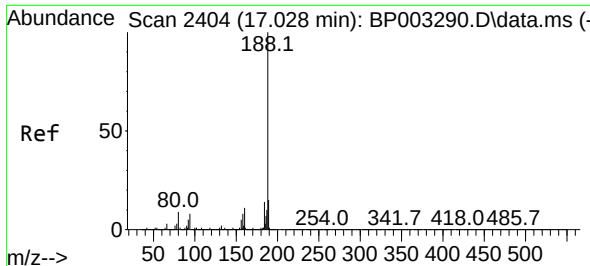


#58
Fluorene
Concen: 12.43 ng
RT: 15.275 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BP003346.D
Acq: 22 Sep 2020 19:11



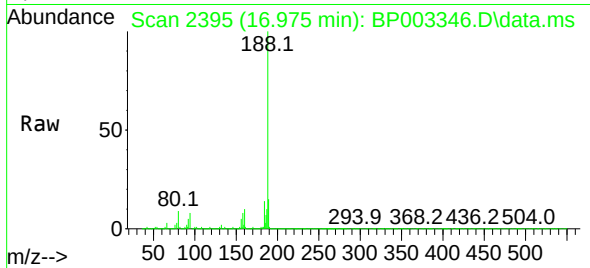
Tgt Ion:166 Resp: 482537
Ion Ratio Lower Upper
166 100
165 97.6 77.8 116.8
167 14.0 11.0 16.4





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.975 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BP003346.D
Acq: 22 Sep 2020 19:11

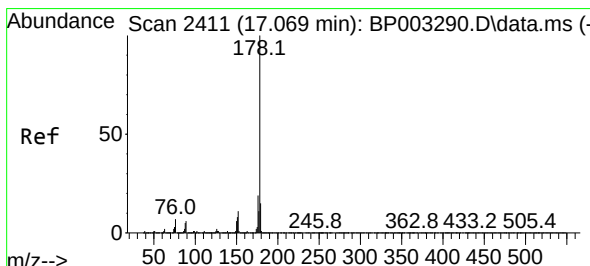
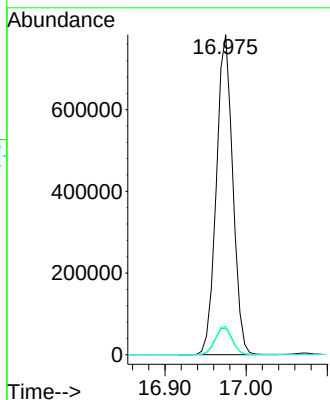
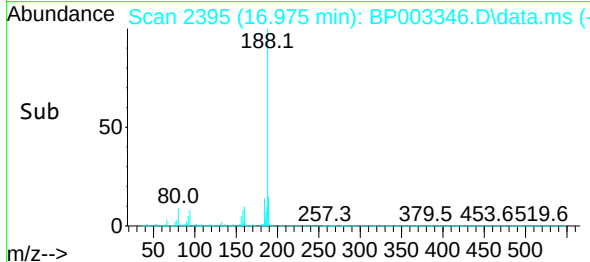
Instrument :
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OR-02-091820DL



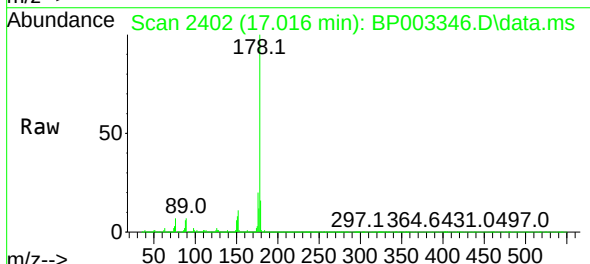
Tgt Ion:188 Resp: 1100788
Ion Ratio Lower Upper
188 100
94 8.3 6.2 9.2
80 8.9 6.2 9.2

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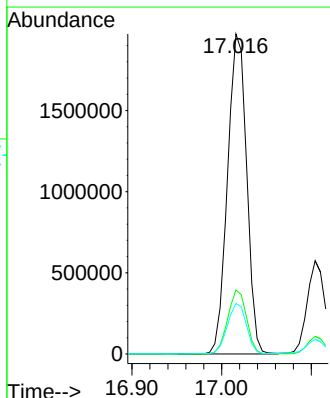
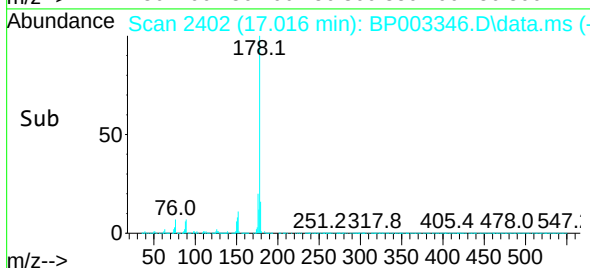
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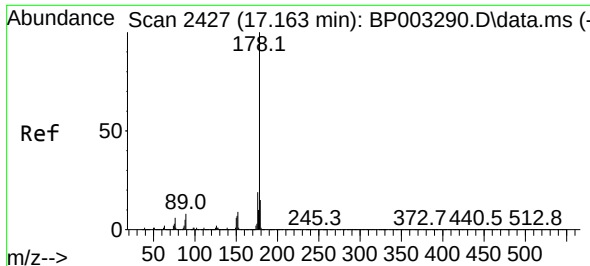


#71
Phenanthrene
Concen: 48.70 ng
RT: 17.016 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BP003346.D
Acq: 22 Sep 2020 19:11



Tgt Ion:178 Resp: 2916540
Ion Ratio Lower Upper
178 100
176 20.0 15.3 22.9
179 15.8 12.5 18.7





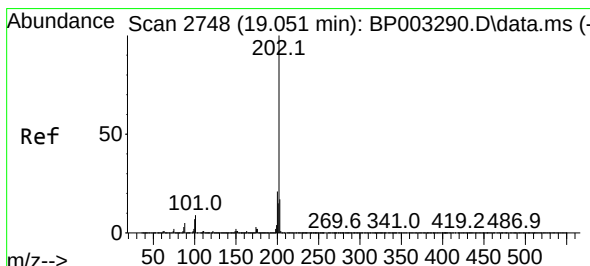
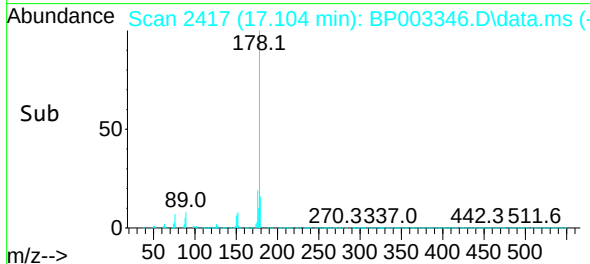
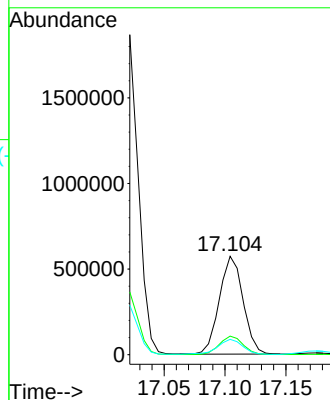
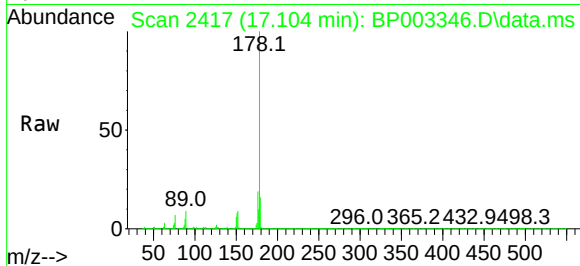
#72
 Anthracene
 Concen: 13.18 ng
 RT: 17.104 min Scan# 2417
 Delta R.T. 0.000 min
 Lab File: BP003346.D
 Acq: 22 Sep 2020 19:11

Tgt Ion:178 Resp: 777780
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.0 22.4
 179 15.7 12.5 18.7

Instrument :
 BNA_P
 ClientSampleId :
 OR-02-091820DL

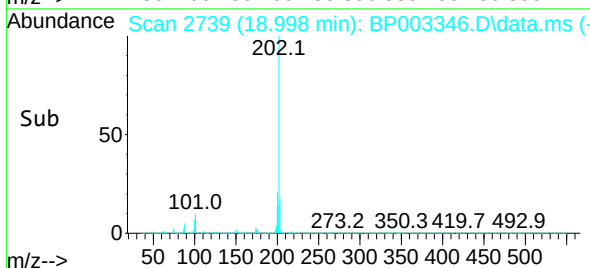
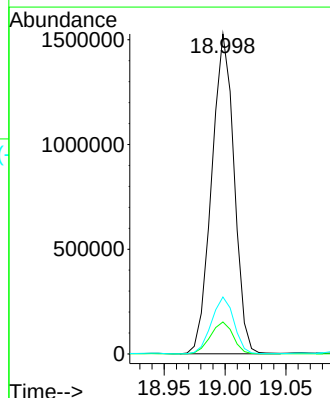
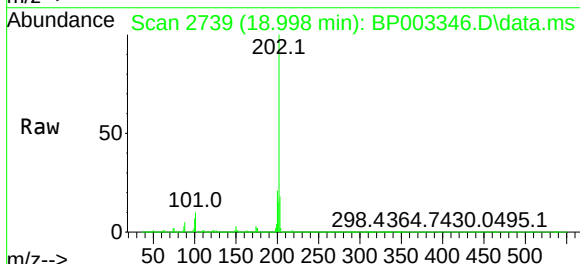
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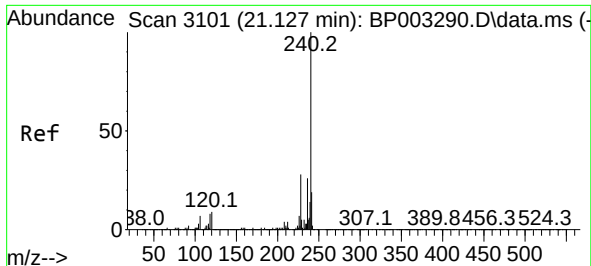
mohammad
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#75
 Fluoranthene
 Concen: 26.03 ng
 RT: 18.998 min Scan# 2739
 Delta R.T. 0.000 min
 Lab File: BP003346.D
 Acq: 22 Sep 2020 19:11

Tgt Ion:202 Resp: 1960442
 Ion Ratio Lower Upper
 202 100
 101 10.0 0.0 29.4
 203 17.8 0.0 37.8





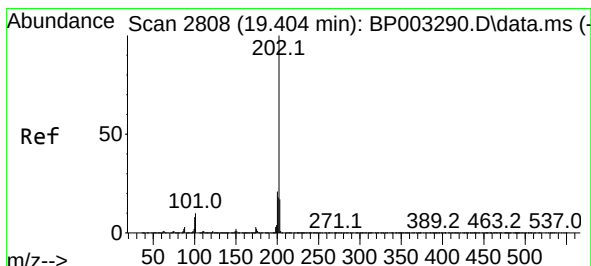
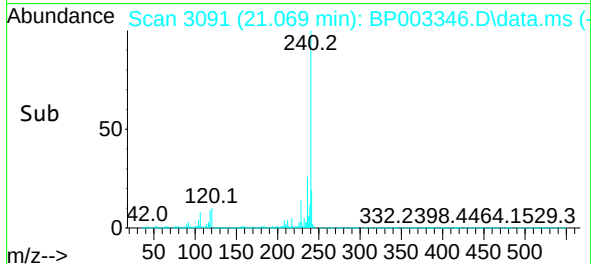
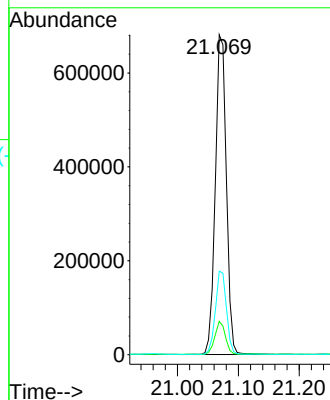
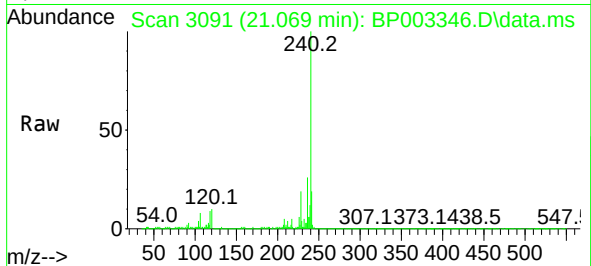
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.069 min Scan# 3091
Delta R.T. 0.000 min
Lab File: BP003346.D
Acq: 22 Sep 2020 19:11

Tgt Ion:240 Resp: 859382
Ion Ratio Lower Upper
240 100
120 10.4 7.8 11.6
236 26.1 20.8 31.2

Instrument :
BNA_P
ClientSampleId :
OR-02-091820DL

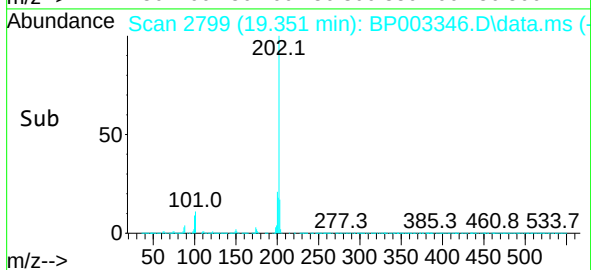
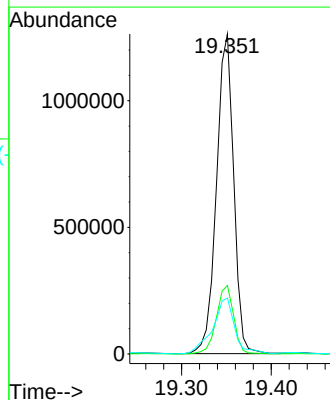
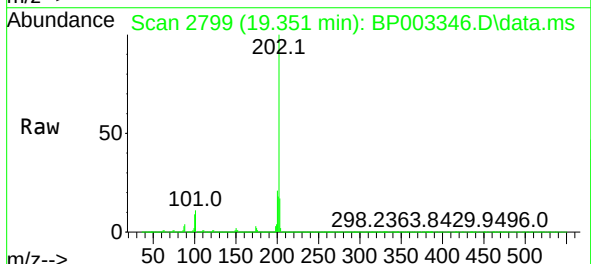
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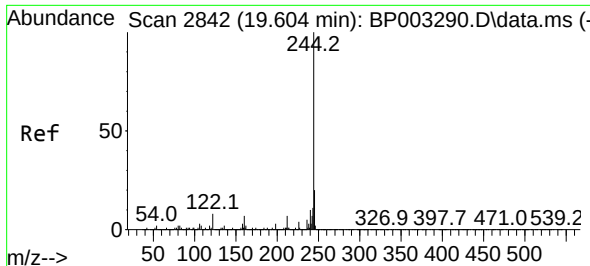
mohammad
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#78
Pyrene
Concen: 31.39 ng
RT: 19.351 min Scan# 2799
Delta R.T. 0.000 min
Lab File: BP003346.D
Acq: 22 Sep 2020 19:11

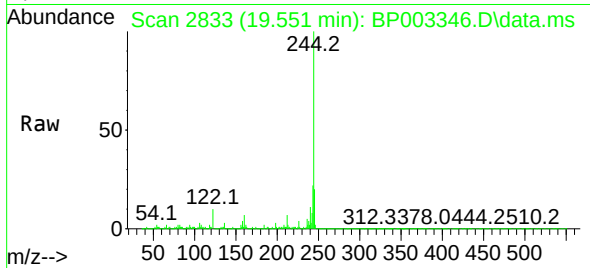
Tgt Ion:202 Resp: 1682339
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.5 14.2 21.2





#79
Terphenyl-d14
Concen: 16.12 ng
RT: 19.551 min Scan# 2833
Delta R.T. 0.000 min
Lab File: BP003346.D
Acq: 22 Sep 2020 19:11

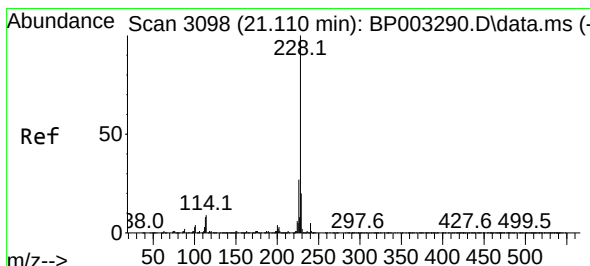
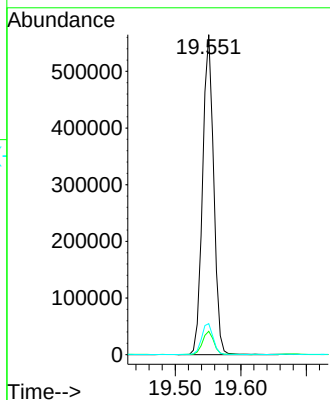
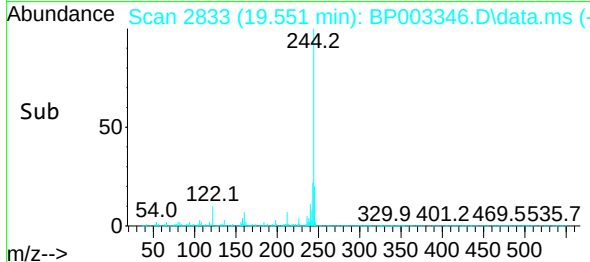
Instrument :
BNA_P
ClientSampleId :
OR-02-091820DL



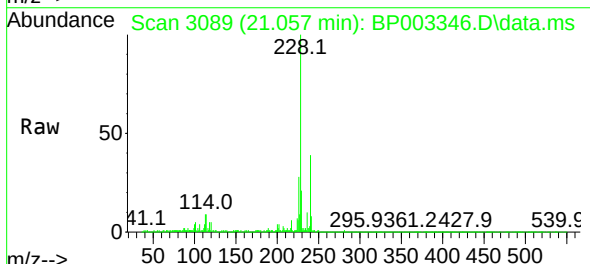
Tgt Ion:244 Resp: 664707
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 9.7 7.8 11.8

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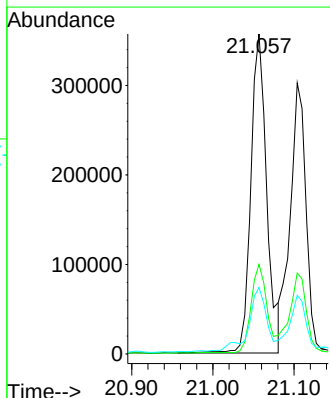
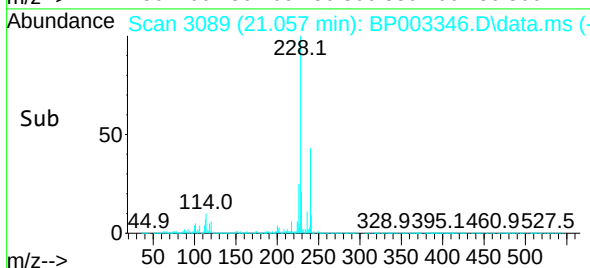
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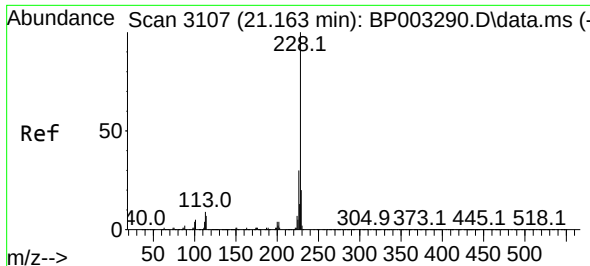


#81
Benzo(a)anthracene
Concen: 8.73 ng
RT: 21.057 min Scan# 3089
Delta R.T. 0.000 min
Lab File: BP003346.D
Acq: 22 Sep 2020 19:11



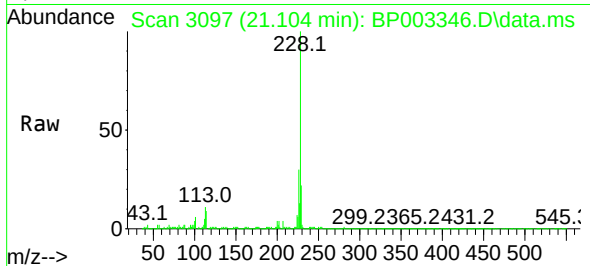
Tgt Ion:228 Resp: 485229
Ion Ratio Lower Upper
228 100
226 28.0 22.1 33.1
229 20.8 15.9 23.9





#83
Chrysene
Concen: 7.64 ng
RT: 21.104 min Scan# 3097
Delta R.T. 0.000 min
Lab File: BP003346.D
Acq: 22 Sep 2020 19:11

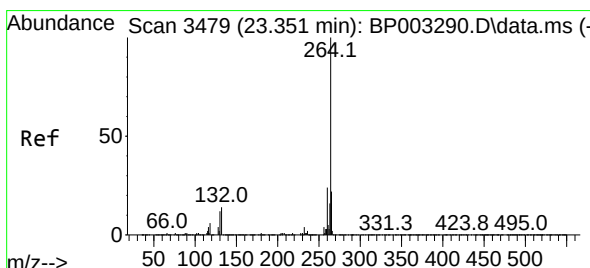
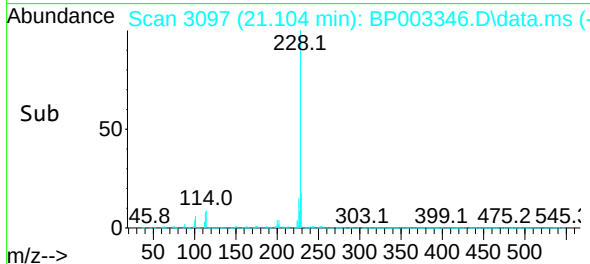
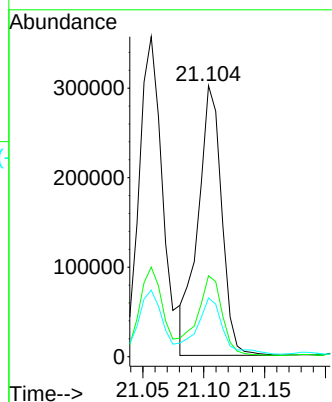
Instrument :
BNA_P
ClientSampleId :
OR-02-091820DL



Tgt Ion:228 Resp: 407787
Ion Ratio Lower Upper
228 100
226 29.9 24.4 36.6
229 21.7 15.8 23.6

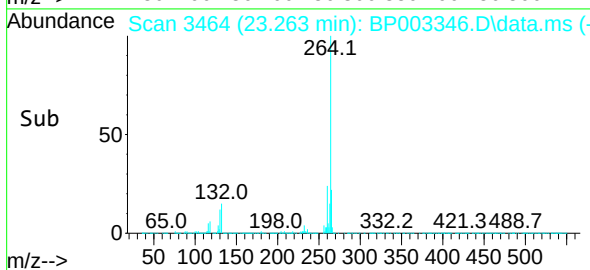
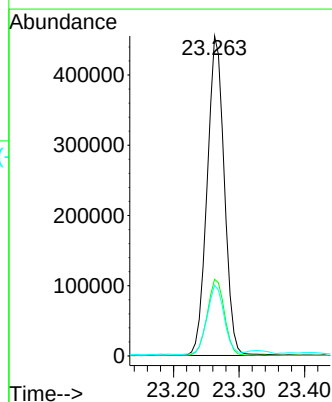
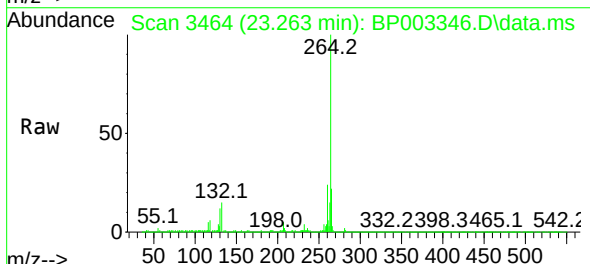
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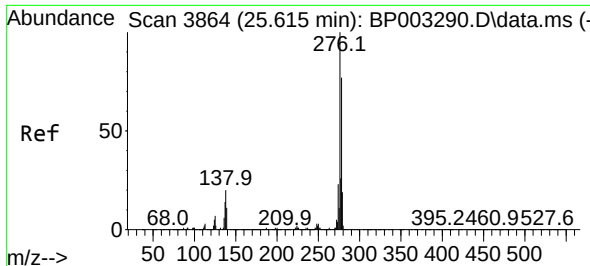
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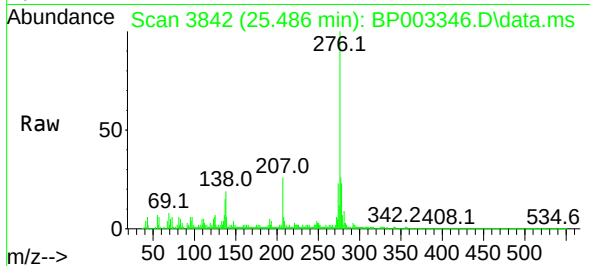
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.263 min Scan# 3464
Delta R.T. 0.000 min
Lab File: BP003346.D
Acq: 22 Sep 2020 19:11

Tgt Ion:264 Resp: 826043
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 22.1 17.4 26.2

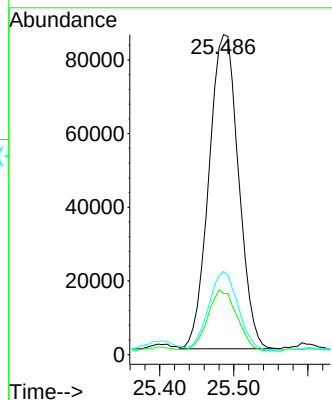
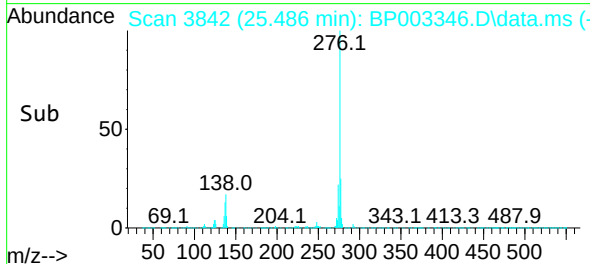




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.78 ng
RT: 25.486 min Scan# 3842
Delta R.T. -0.006 min
Lab File: BP003346.D
Acq: 22 Sep 2020 19:11



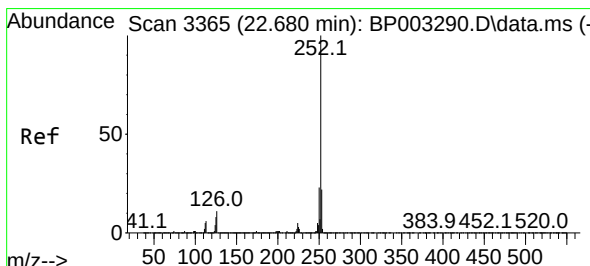
Tgt Ion: 276 Resp: 236670
Ion Ratio Lower Upper
276 100
138 19.4 18.7 28.1
277 25.4 20.4 30.6



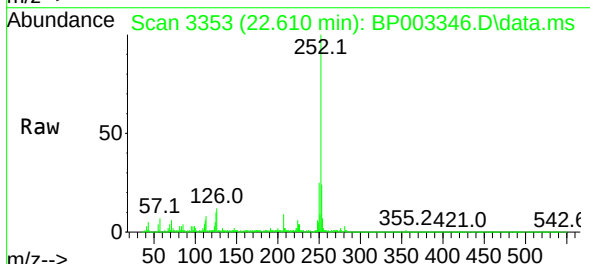
Instrument :
BNA_P
ClientSampleId :
OR-02-091820DL

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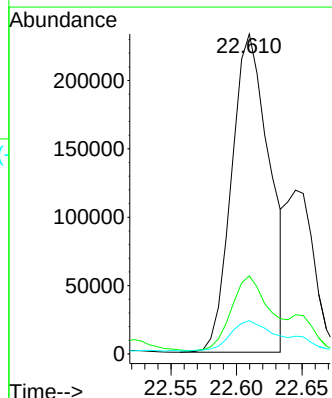
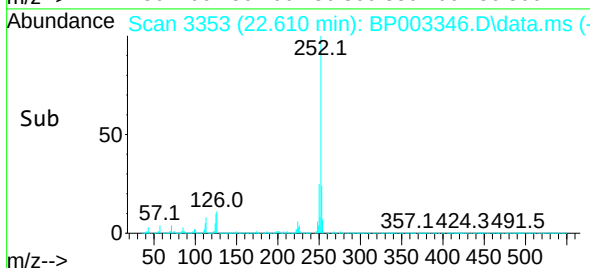
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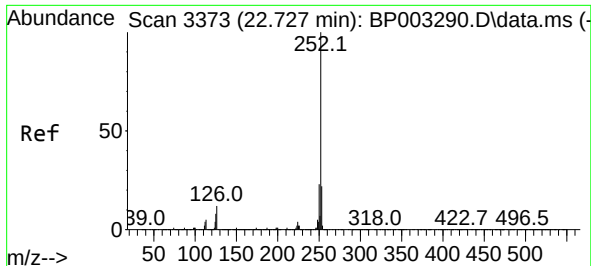


#88
Benzo(b)fluoranthene
Concen: 8.94 ng
RT: 22.610 min Scan# 3353
Delta R.T. 0.006 min
Lab File: BP003346.D
Acq: 22 Sep 2020 19:11



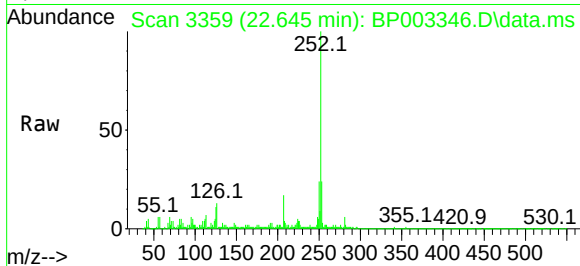
Tgt Ion: 252 Resp: 466375
Ion Ratio Lower Upper
252 100
253 24.4 17.6 26.4
125 10.4 7.3 10.9





#89
Benzo(k)fluoranthene
Concen: 3.48 ng m
RT: 22.645 min Scan# 3359
Delta R.T. -0.006 min
Lab File: BP003346.D
Acq: 22 Sep 2020 19:11

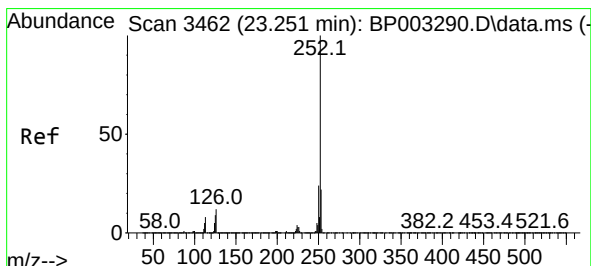
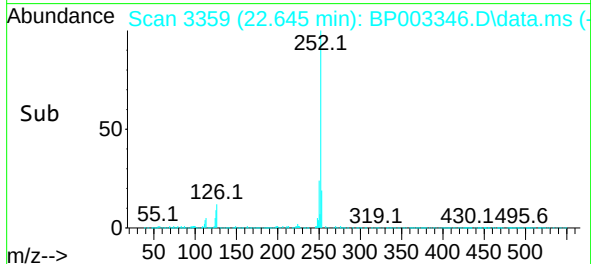
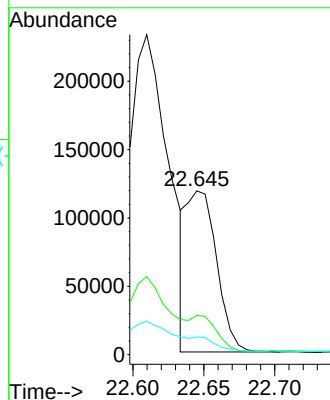
Instrument :
BNA_P
ClientSampleId :
OR-02-091820DL



Tgt Ion:252 Resp: 173881
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 10.8 7.4 11.2

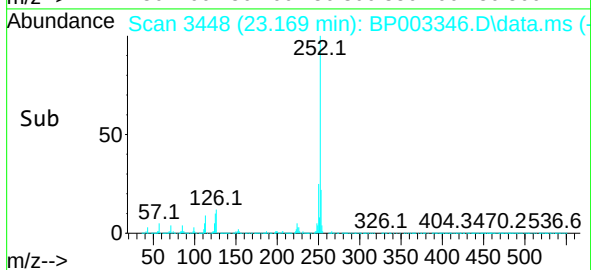
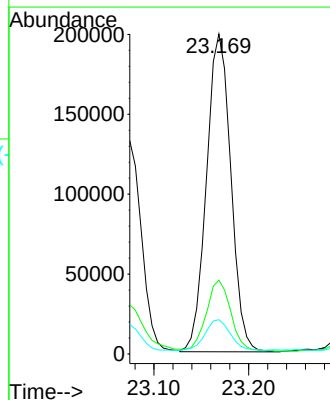
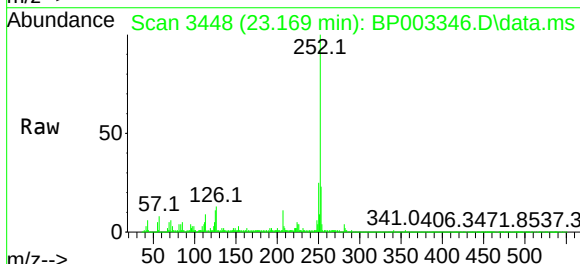
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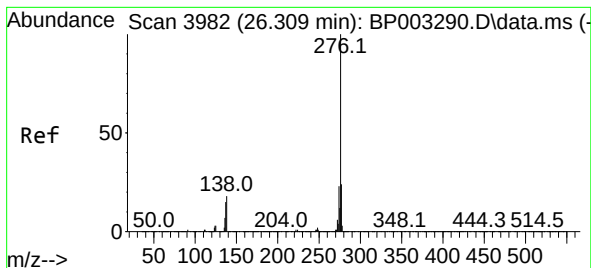
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#90
Benzo(a)pyrene
Concen: 7.22 ng
RT: 23.169 min Scan# 3448
Delta R.T. 0.000 min
Lab File: BP003346.D
Acq: 22 Sep 2020 19:11

Tgt Ion:252 Resp: 355196
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 10.7 8.2 12.4





#92

Benzo(g,h,i)perylene

Concen: 4.59 ng

RT: 26.168 min Scan# 3958

Delta R.T. 0.006 min

Lab File: BP003346.D

Acq: 22 Sep 2020 19:11

Tgt Ion: 276 Resp: 236672

Ion Ratio Lower Upper

276 100

277 25.0 19.0 28.6

138 20.3 16.6 24.8

Instrument :

BNA_P

ClientSampleId :

OR-02-091820DL

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