

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092320\
 Data File : BP003362.D
 Acq On : 23 Sep 2020 17:47
 Operator : CG/JU
 Sample : L3870-11 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-02-092220

Manual Integrations
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mohammad
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Quant Time: Sep 23 19:04:29 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	7.563	152	204667	20.00	ng	0.00
21) Naphthalene-d8	10.340	136	806981	20.00	ng	# 0.00
39) Acenaphthene-d10	14.210	164	461935	20.00	ng	-0.01
64) Phenanthrene-d10	16.969	188	877300	20.00	ng	0.00
76) Chrysene-d12	21.063	240	653150	20.00	ng	0.00
86) Perylene-d12	23.251	264	700519	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	256375	21.87	ng	0.00
7) Phenol-d6	6.763	99	332737	21.30	ng	0.00
23) Nitrobenzene-d5	8.710	82	213759	15.56	ng	-0.01
42) 2,4,6-Tribromophenol	15.710	330	111853	15.88	ng	-0.01
45) 2-Fluorobiphenyl	12.828	172	495860	15.70	ng	-0.01
79) Terphenyl-d14	19.545	244	555705	17.73	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.016	142	66775	2.16	ng	96
38) 1-Methylnaphthalene	12.234	142	80216m	2.74	ng	
49) Acenaphthylene	13.934	152	117482	2.70	ng	97
52) Acenaphthene	14.275	154	105205	3.97	ng	98
55) Dibenzofuran	14.616	168	97592	2.30	ng	# 93
58) Fluorene	15.269	166	187129	5.60	ng	98
71) Phenanthrene	17.010	178	1571498	32.92	ng	99
72) Anthracene	17.098	178	477870	10.16	ng	99
75) Fluoranthene	18.992	202	2277677	37.95	ng	99
78) Pyrene	19.345	202	2024849	49.71	ng	100
81) Benzo(a)anthracene	21.051	228	1022257	24.21	ng	98
83) Chrysene	21.098	228	910489m	22.45	ng	
87) Indeno(1,2,3-cd)pyrene	25.480	276	607657	11.44	ng	# 95
88) Benzo(b)fluoranthene	22.604	252	1197936m	27.08	ng	
89) Benzo(k)fluoranthene	22.639	252	382105m	9.01	ng	
90) Benzo(a)pyrene	23.157	252	893465	21.42	ng	97
91) Dibenzo(a,h)anthracene	25.474	278	165611	3.78	ng	# 77
92) Benzo(g,h,i)perylene	26.156	276	579764	13.25	ng	98

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

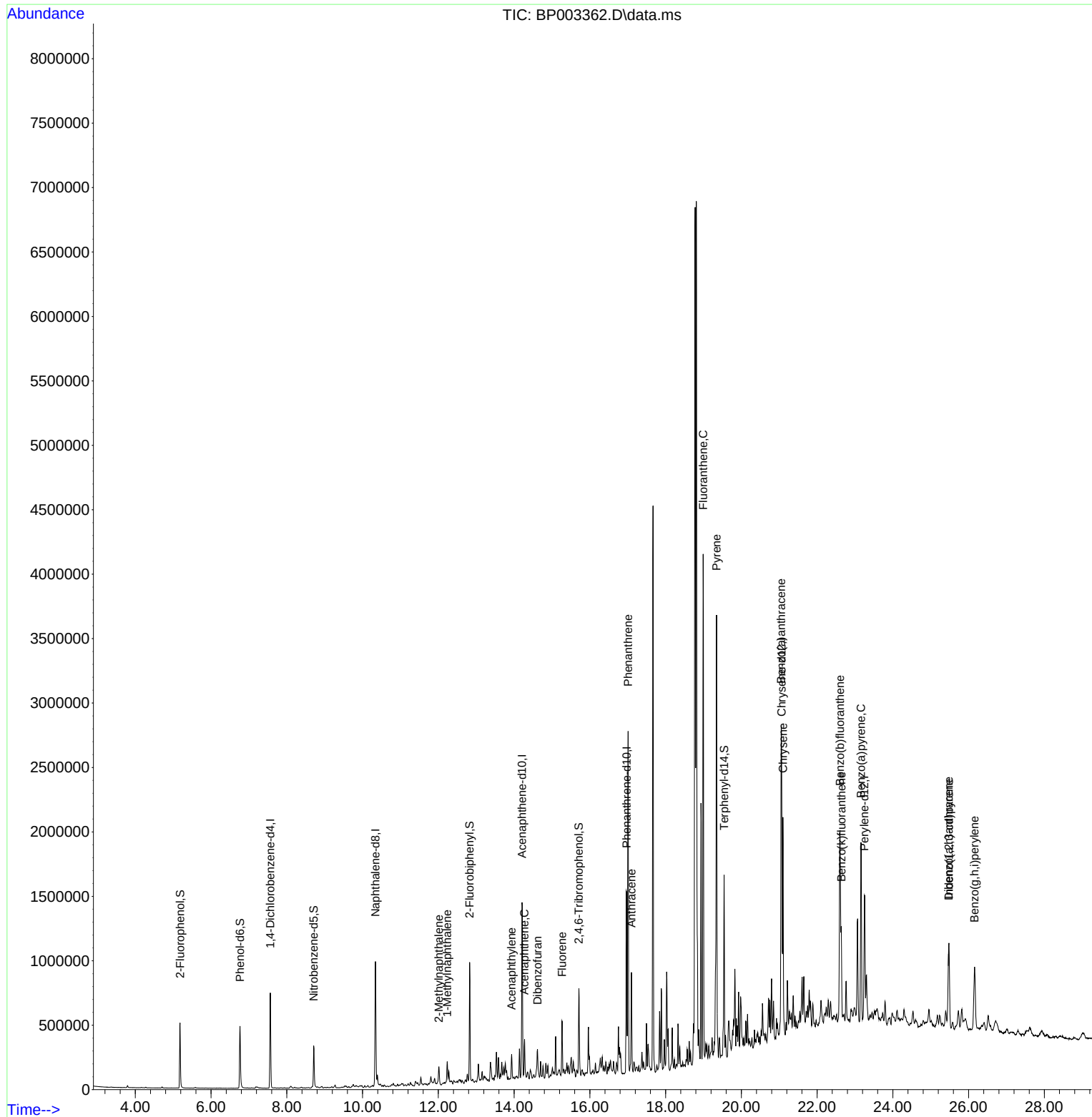
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092320\
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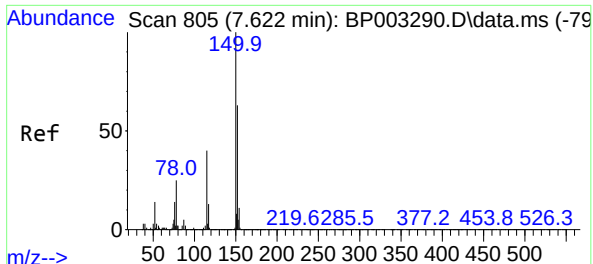
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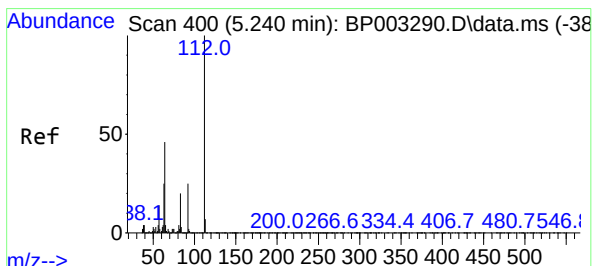
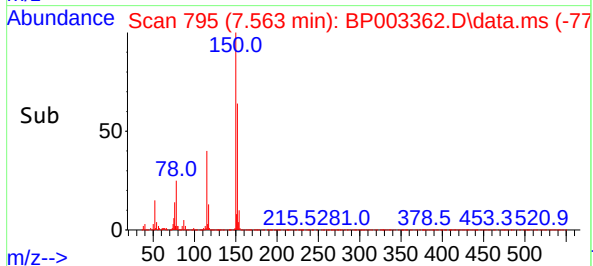
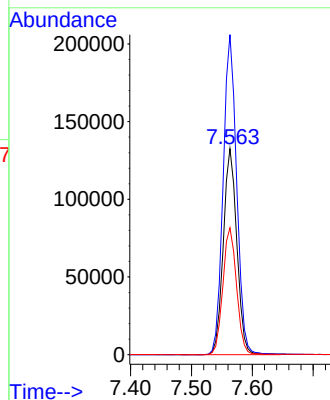
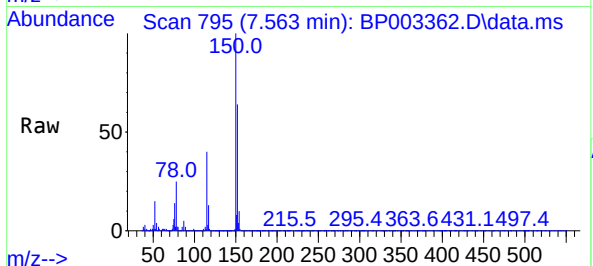
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.563 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:152 Resp: 204667
Ion Ratio Lower Upper
152 100
150 155.2 123.8 185.6
115 61.6 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
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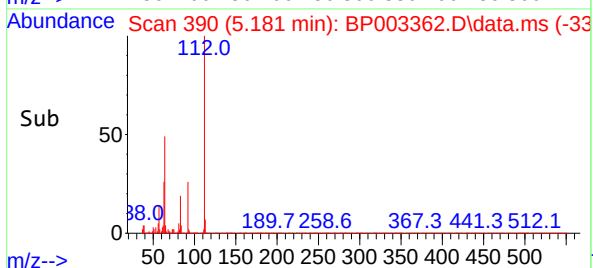
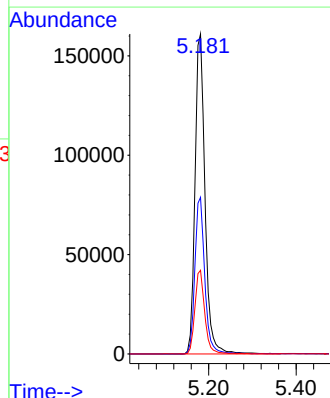
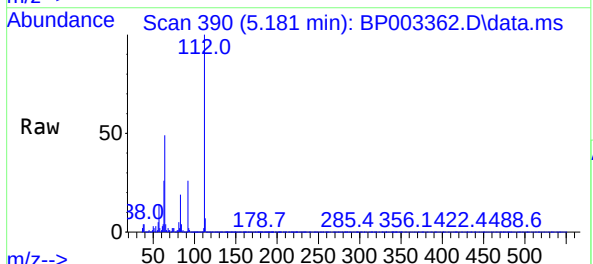
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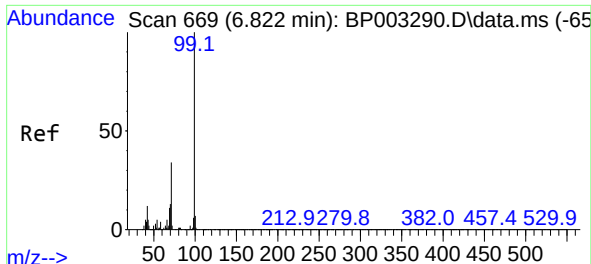
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#5
2-Fluorophenol
Concen: 21.87 ng
RT: 5.181 min Scan# 390
Delta R.T. -0.000 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

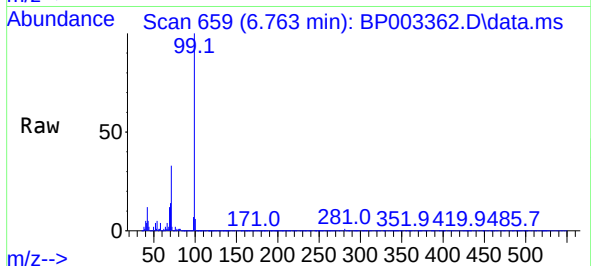
Tgt Ion:112 Resp: 256375
Ion Ratio Lower Upper
112 100
64 48.9 32.8 49.2
63 26.2 17.0 25.4#





#7
Phenol-d6
Concen: 21.30 ng
RT: 6.763 min Scan# 659
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

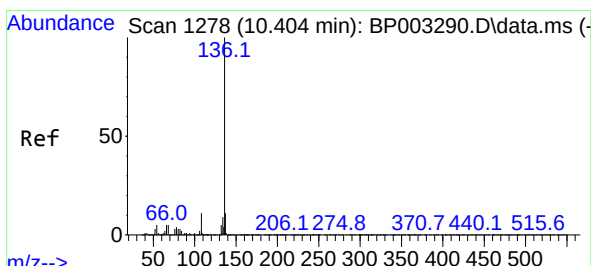
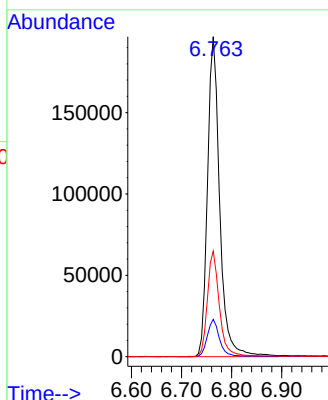
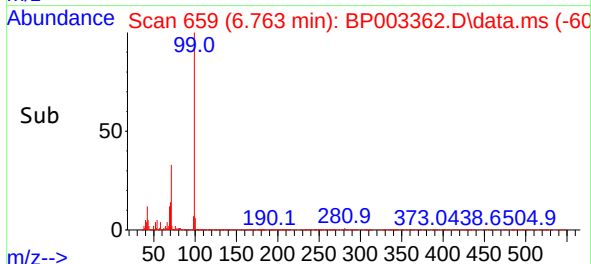
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BNA_P
ClientSampleId :
SU-02-092220



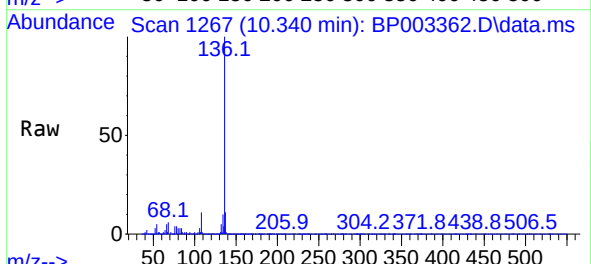
Tgt Ion: 99 Resp: 332737
Ion Ratio Lower Upper
99 100
42 11.7 8.6 13.0
71 33.0 23.4 35.2

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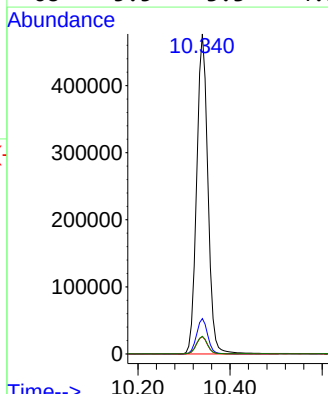
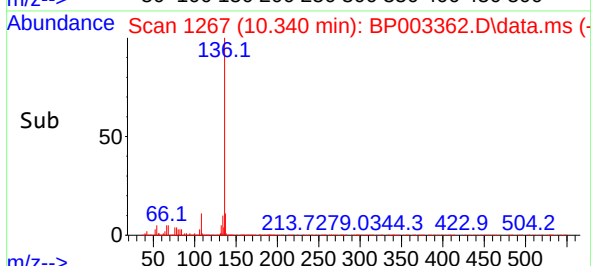
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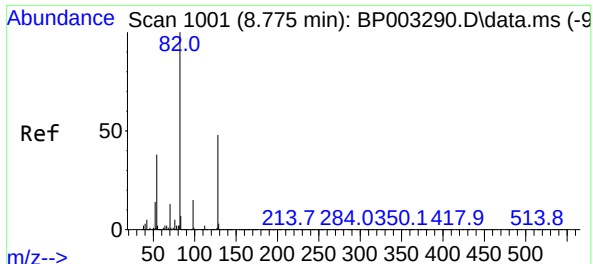


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.340 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47



Tgt Ion: 136 Resp: 806981
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 5.5 3.6 5.4#
68 5.5 3.3 4.9#





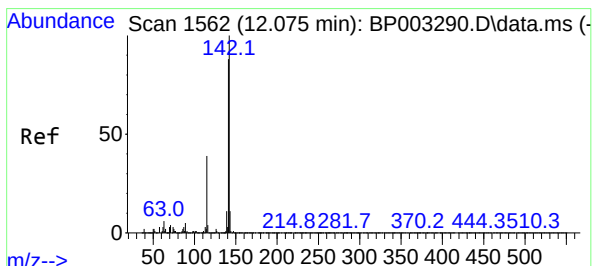
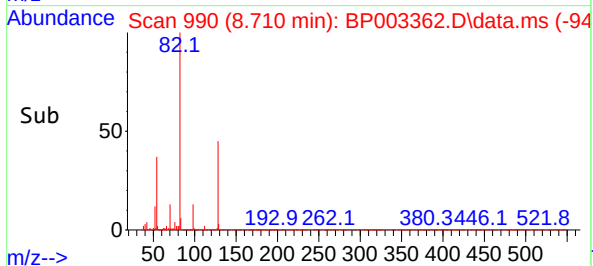
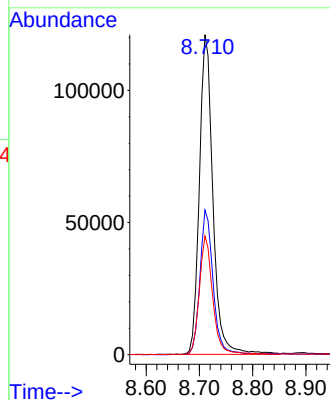
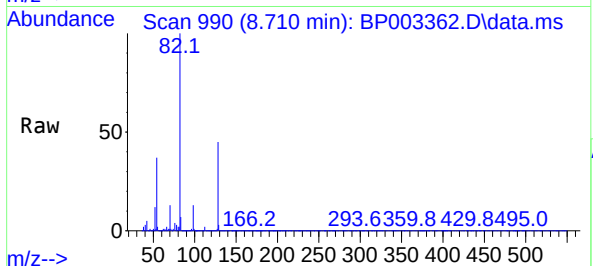
#23
Nitrobenzene-d5
Concen: 15.56 ng
RT: 8.710 min Scan# 990
Delta R.T. -0.012 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion: 82 Resp: 213759
Ion Ratio Lower Upper
82 100
128 45.2 45.6 68.4#
54 37.1 30.1 45.1

Instrument :
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ClientSampleId :
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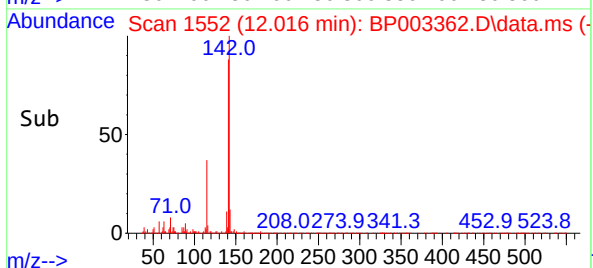
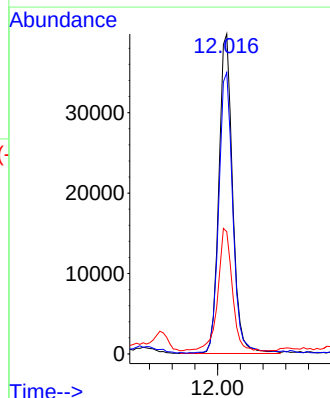
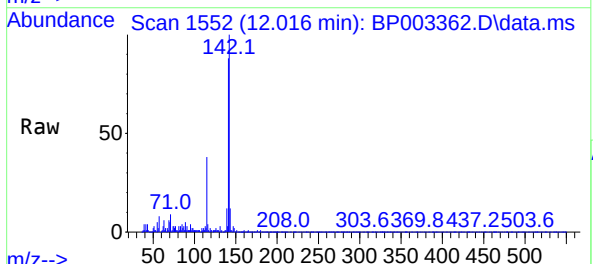
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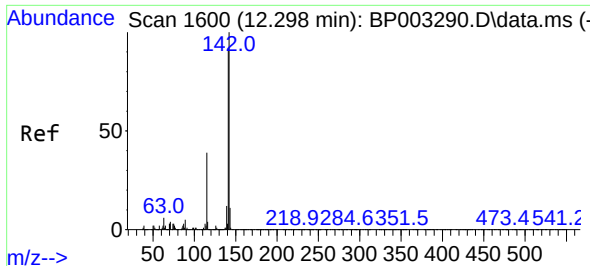
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#37
2-Methylnaphthalene
Concen: 2.16 ng
RT: 12.016 min Scan# 1552
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

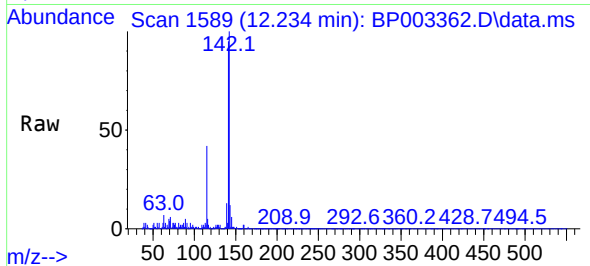
Tgt Ion: 142 Resp: 66775
Ion Ratio Lower Upper
142 100
141 87.9 71.4 107.2
115 38.2 25.8 38.6





#38
1-Methylnaphthalene
Concen: 2.74 ng m
RT: 12.234 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

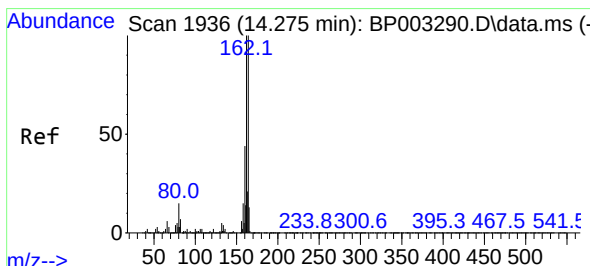
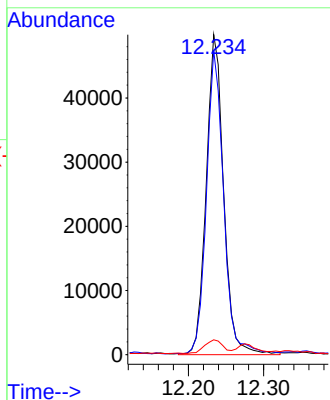
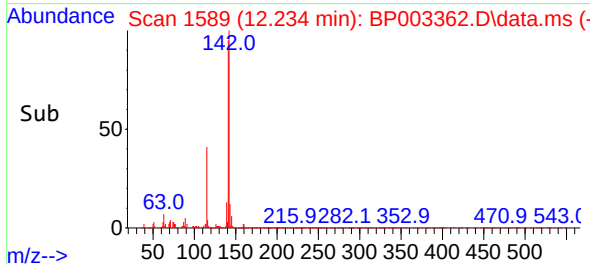
Instrument :
BNA_P
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SU-02-092220



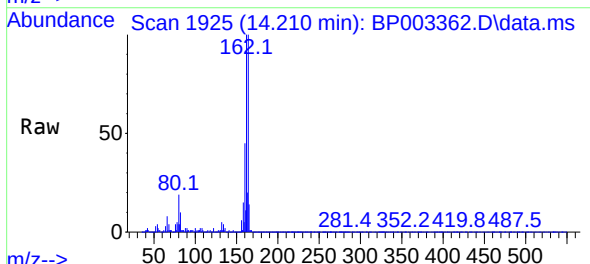
Tgt Ion:142 Resp: 80216
Ion Ratio Lower Upper
142 100
141 95.1 74.4 111.6
116 4.6 2.9 4.3#

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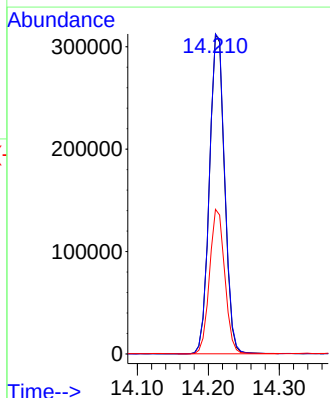
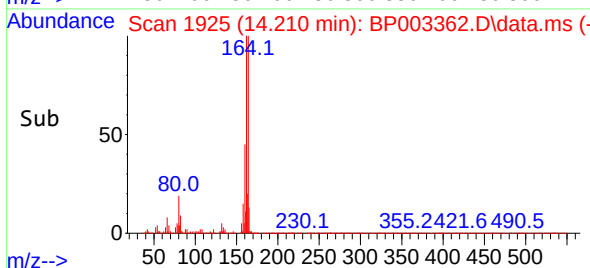
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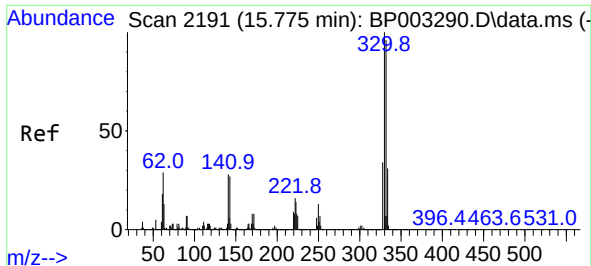


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.210 min Scan# 1925
Delta R.T. -0.012 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47



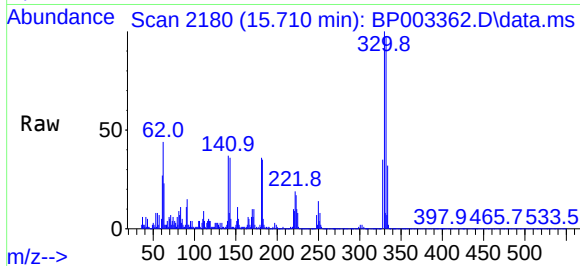
Tgt Ion:164 Resp: 461935
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.2
160 45.2 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 15.88 ng
RT: 15.710 min Scan# 2180
Delta R.T. -0.012 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

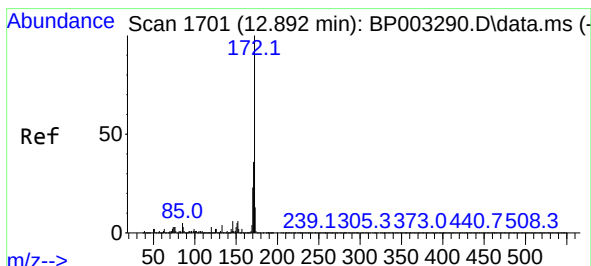
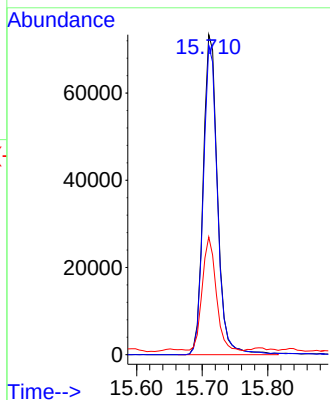
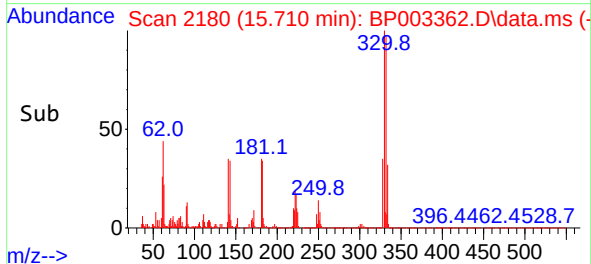
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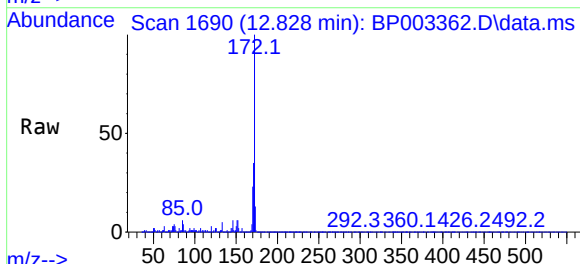
Tgt Ion:330 Resp: 111853
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 34.2 23.4 35.2

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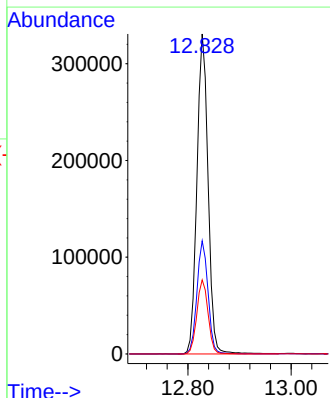
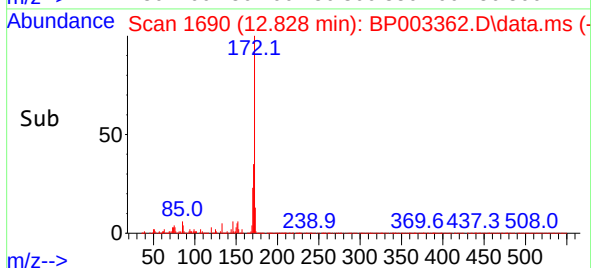
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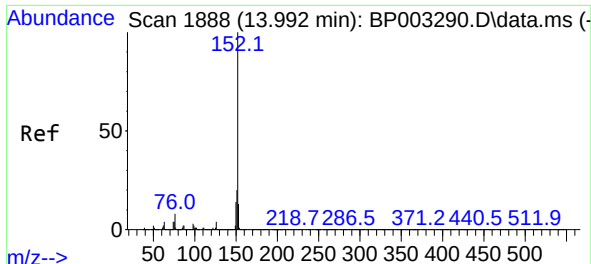


#45
2-Fluorobiphenyl
Concen: 15.70 ng
RT: 12.828 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47



Tgt Ion:172 Resp: 495860
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.1 19.2 28.8





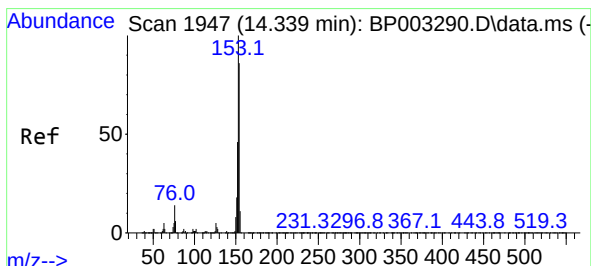
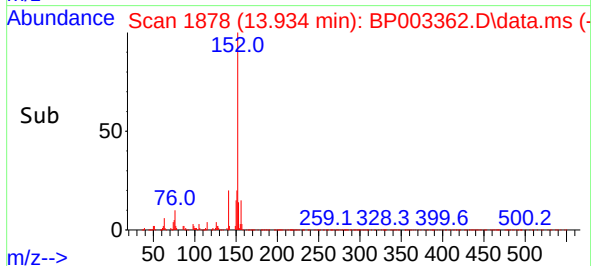
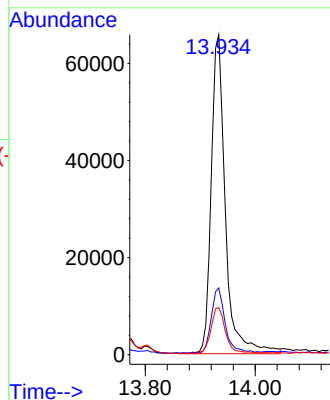
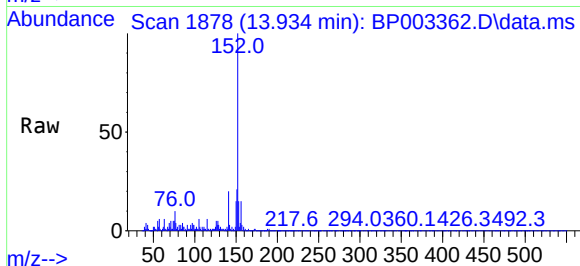
#49
Acenaphthylene
Concen: 2.70 ng
RT: 13.934 min Scan# 1878
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:152 Resp: 117482
Ion Ratio Lower Upper
152 100
151 20.9 15.9 23.9
153 14.7 10.5 15.7

Instrument :
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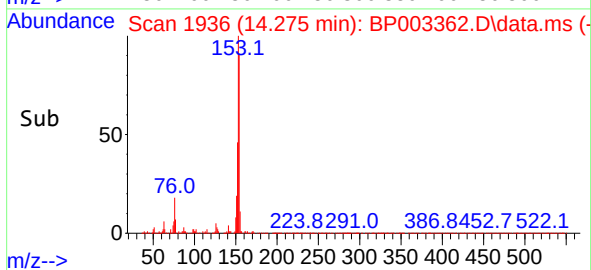
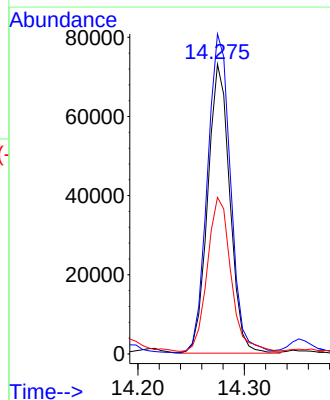
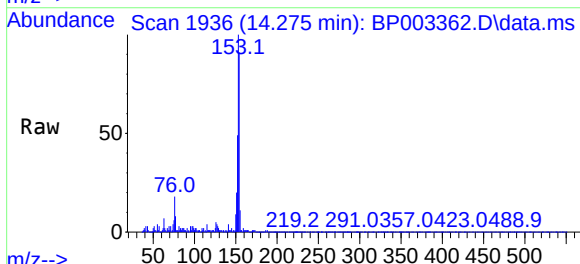
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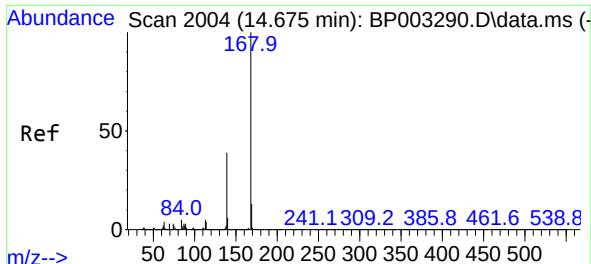
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#52
Acenaphthene
Concen: 3.97 ng
RT: 14.275 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

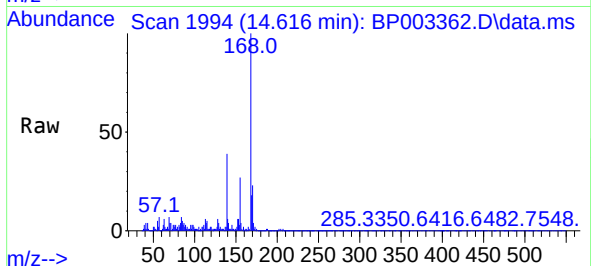
Tgt Ion:154 Resp: 105205
Ion Ratio Lower Upper
154 100
153 110.4 91.0 136.6
152 54.1 43.0 64.6





#55
Dibenzenofuran
Concen: 2.30 ng
RT: 14.616 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

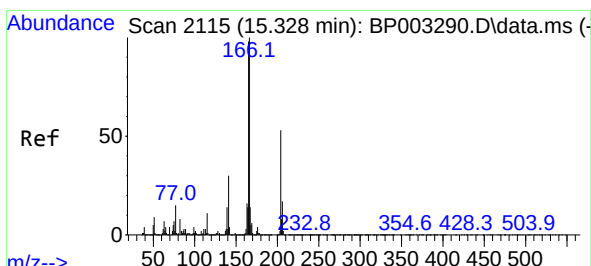
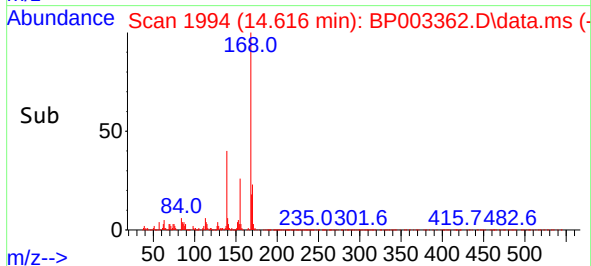
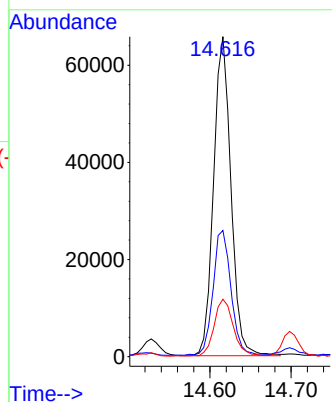
Instrument :
BNA_P
ClientSampleId :
SU-02-092220



Tgt Ion:168 Resp: 97592
Ion Ratio Lower Upper
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139 39.5 29.1 43.7
169 17.9 10.4 15.6#

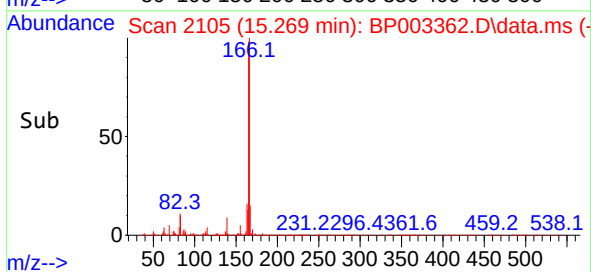
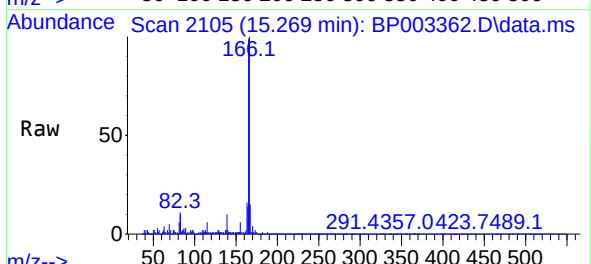
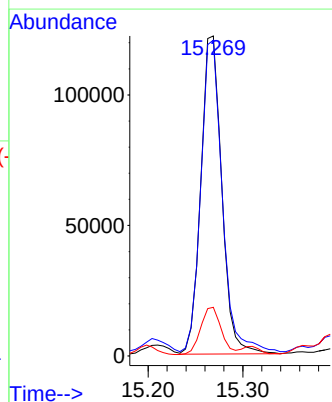
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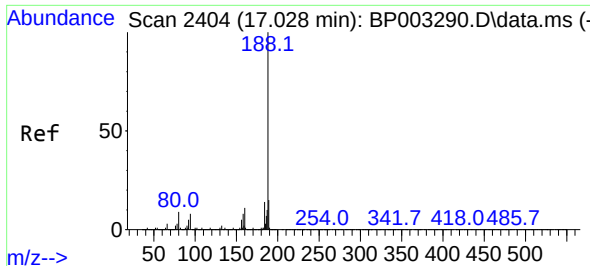
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#58
Fluorene
Concen: 5.60 ng
RT: 15.269 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

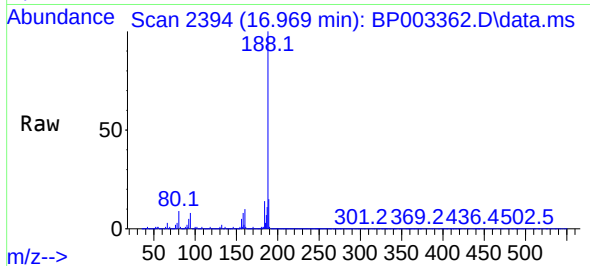
Tgt Ion:166 Resp: 187129
Ion Ratio Lower Upper
166 100
165 98.7 77.8 116.8
167 15.2 11.0 16.4





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.969 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

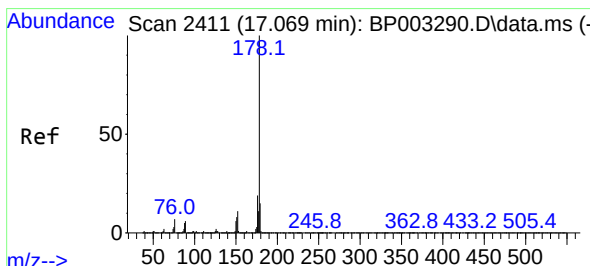
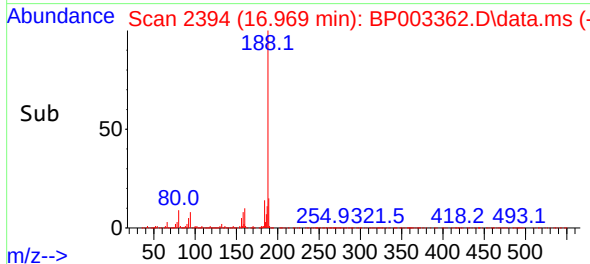
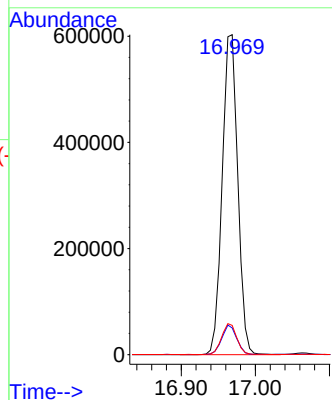
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:188 Resp: 877300
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 9.1 6.2 9.2

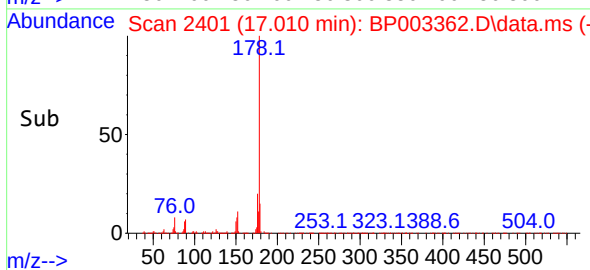
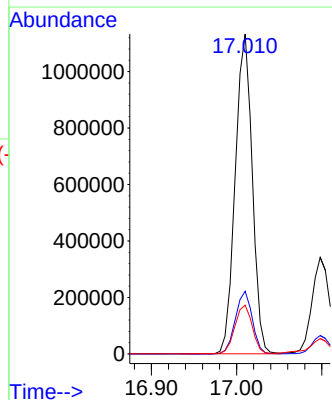
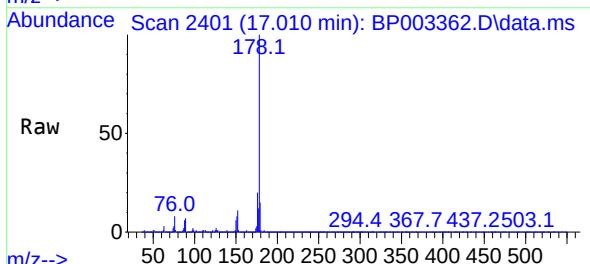
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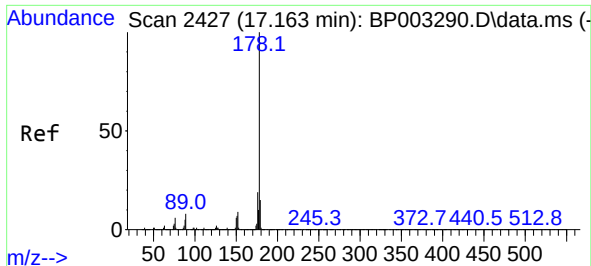
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#71
Phenanthrene
Concen: 32.92 ng
RT: 17.010 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:178 Resp: 1571498
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.2 12.5 18.7





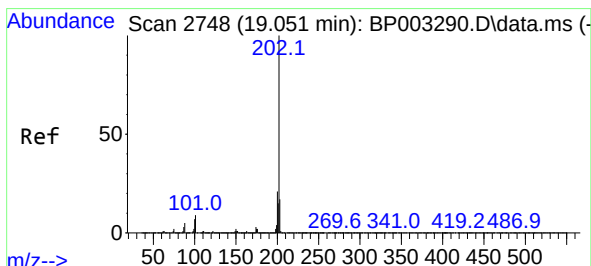
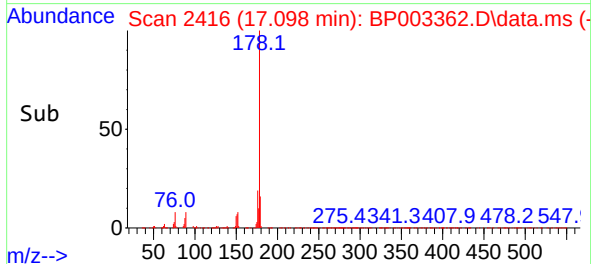
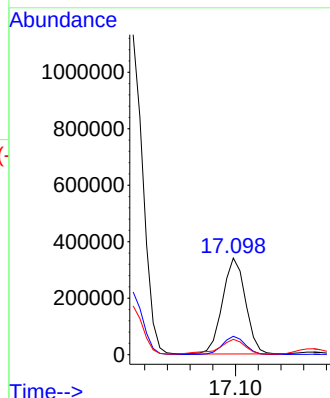
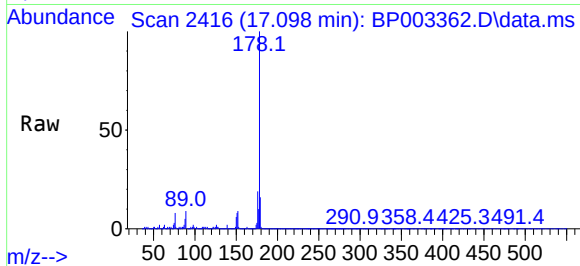
#72
 Anthracene
 Concen: 10.16 ng
 RT: 17.098 min Scan# 2416
 Delta R.T. -0.006 min
 Lab File: BP003362.D
 Acq: 23 Sep 2020 17:47

Tgt Ion:178 Resp: 477870
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.0 22.4
 179 15.8 12.5 18.7

Instrument :
 BNA_P
 ClientSampleId :
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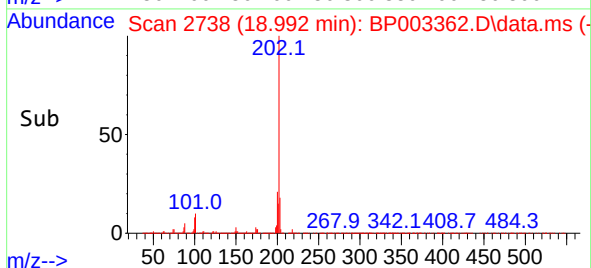
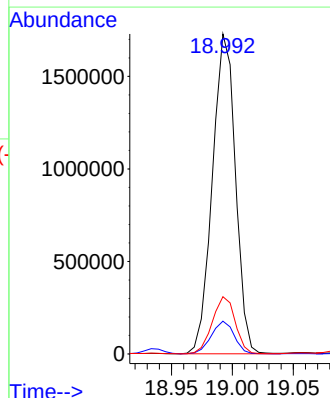
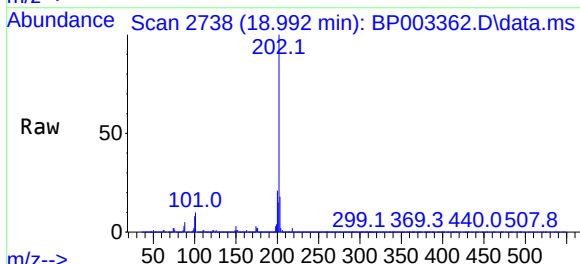
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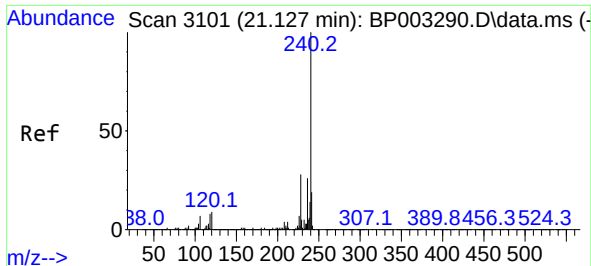
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#75
 Fluoranthene
 Concen: 37.95 ng
 RT: 18.992 min Scan# 2738
 Delta R.T. -0.006 min
 Lab File: BP003362.D
 Acq: 23 Sep 2020 17:47

Tgt Ion:202 Resp: 2277677
 Ion Ratio Lower Upper
 202 100
 101 10.3 0.0 29.4
 203 17.9 0.0 37.8





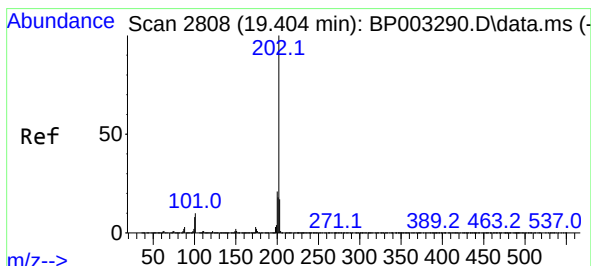
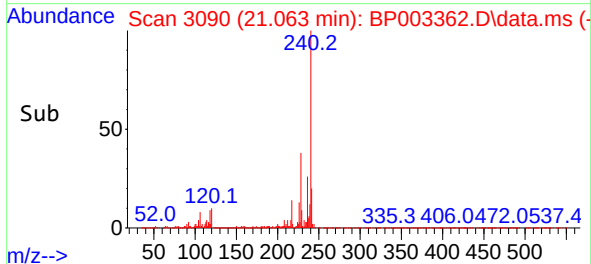
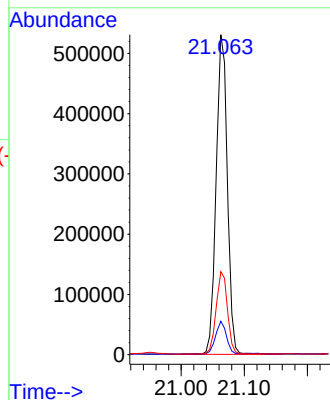
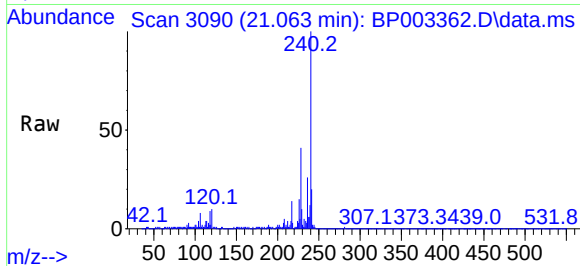
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.063 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:240 Resp: 653150
Ion Ratio Lower Upper
240 100
120 10.4 7.8 11.6
236 25.9 20.8 31.2

Instrument :
BNA_P
ClientSampleId :
SU-02-092220

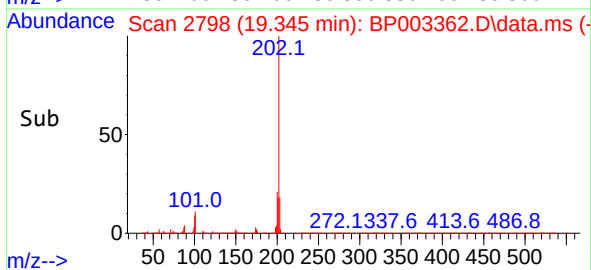
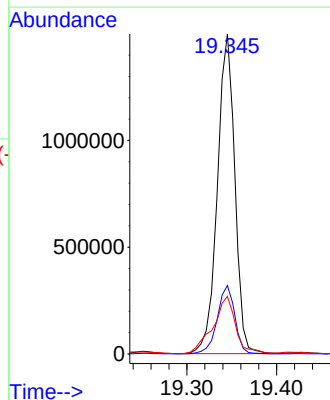
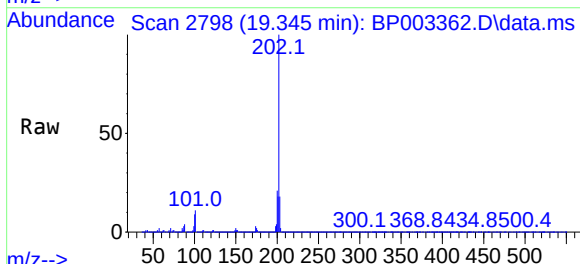
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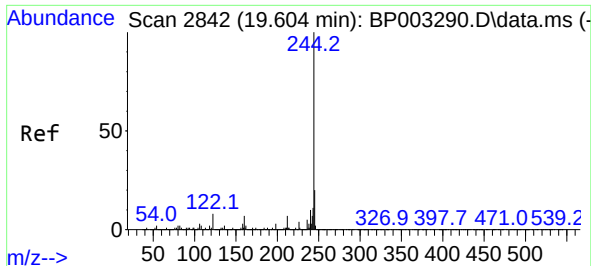
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#78
Pyrene
Concen: 49.71 ng
RT: 19.345 min Scan# 2798
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

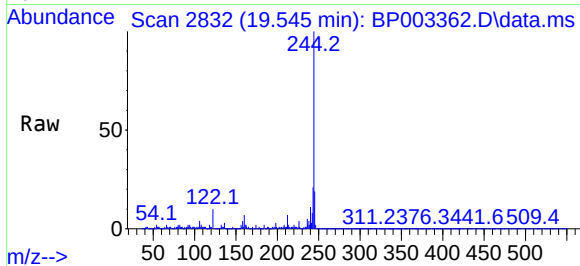
Tgt Ion:202 Resp: 2024849
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 18.0 14.2 21.2





#79
Terphenyl-d14
Concen: 17.73 ng
RT: 19.545 min Scan# 2832
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

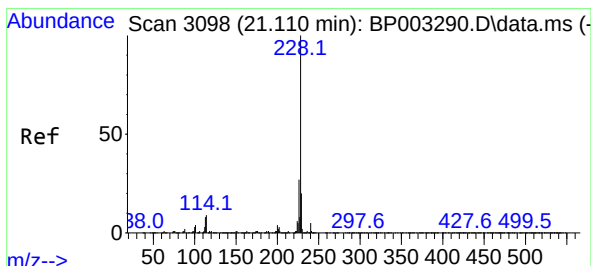
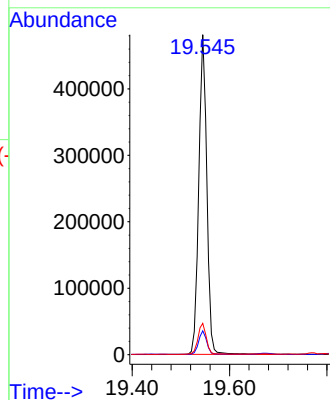
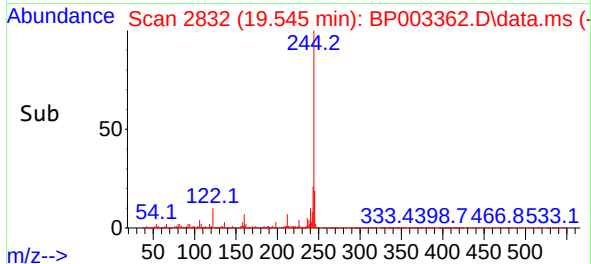
Instrument :
BNA_P
ClientSampleId :
SU-02-092220



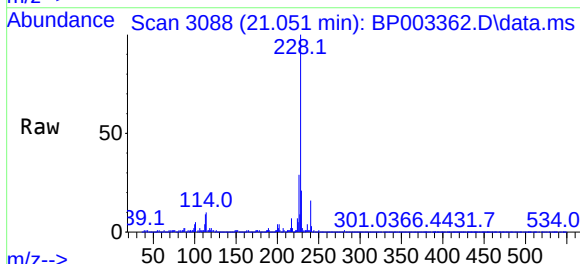
Tgt Ion:244 Resp: 555705
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 9.8 7.8 11.8

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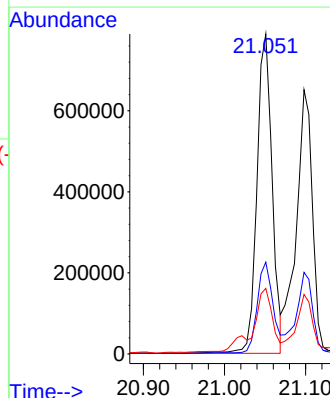
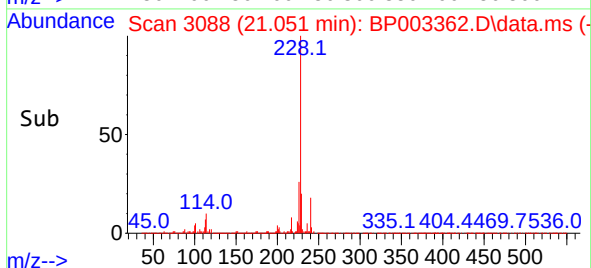
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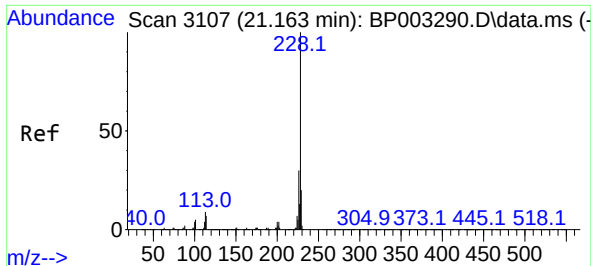


#81
Benzo(a)anthracene
Concen: 24.21 ng
RT: 21.051 min Scan# 3088
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47



Tgt Ion:228 Resp: 1022257
Ion Ratio Lower Upper
228 100
226 28.7 22.1 33.1
229 20.5 15.9 23.9





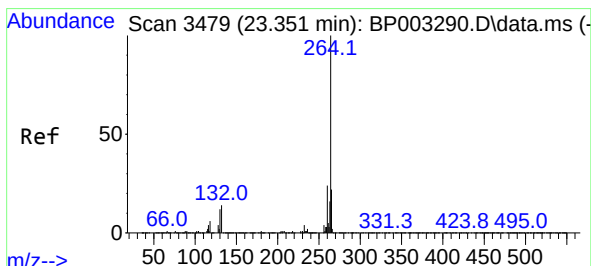
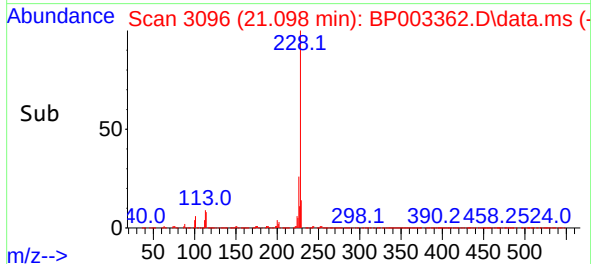
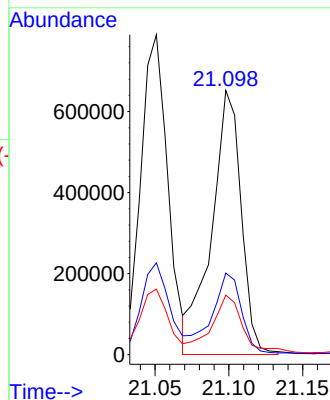
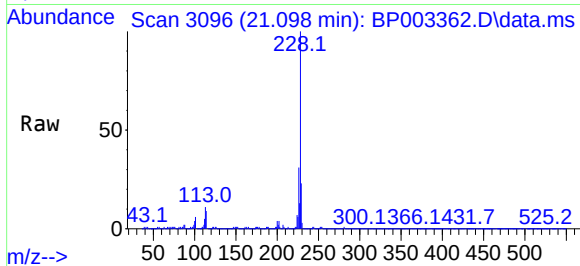
#83
Chrysene
Concen: 22.45 ng m
RT: 21.098 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:	228	Resp:	910489
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.4	36.6
229	22.5	15.8	23.6

Instrument :
BNA_P
ClientSampleId :
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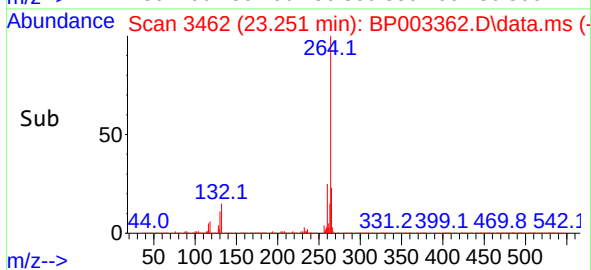
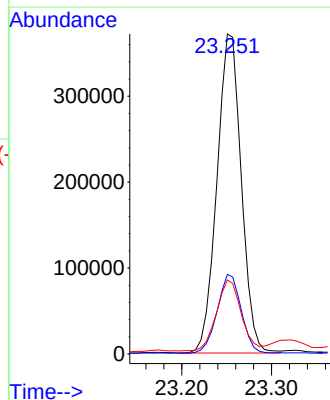
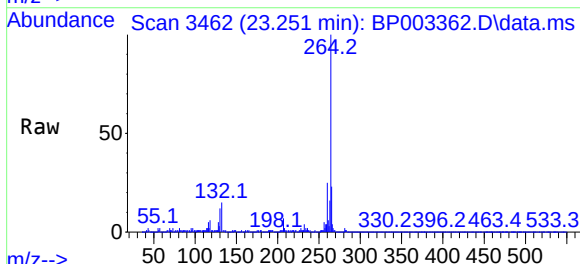
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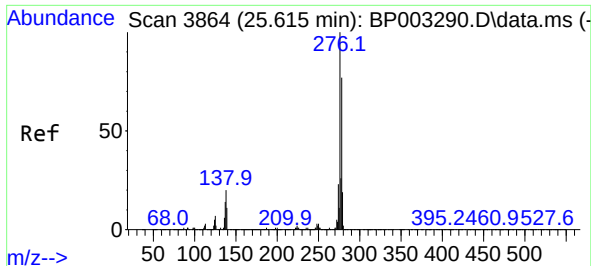
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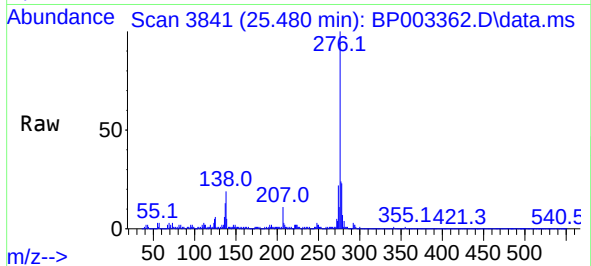
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.251 min Scan# 3462
Delta R.T. -0.012 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:	264	Resp:	700519
Ion Ratio	Lower	Upper	
264	100		
260	24.9	18.8	28.2
265	23.1	17.4	26.2

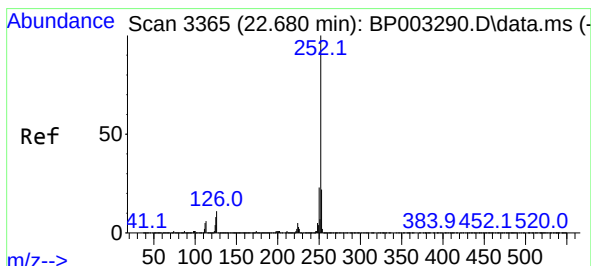
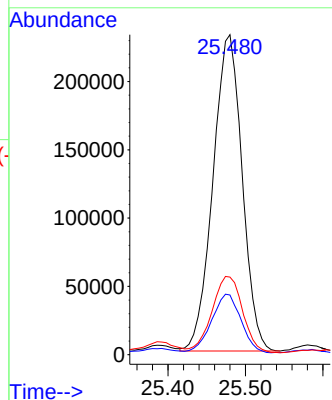
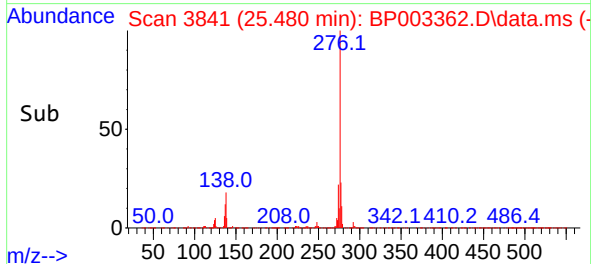




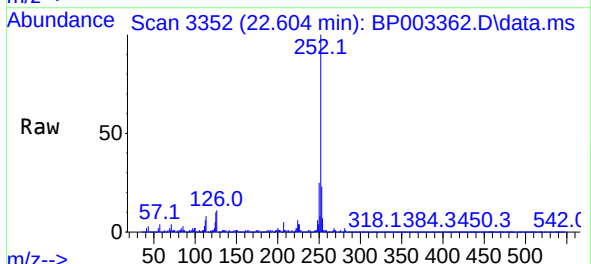
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 11.44 ng
 RT: 25.480 min Scan# 3841
 Delta R.T. -0.012 min
 Lab File: BP003362.D
 Acq: 23 Sep 2020 17:47



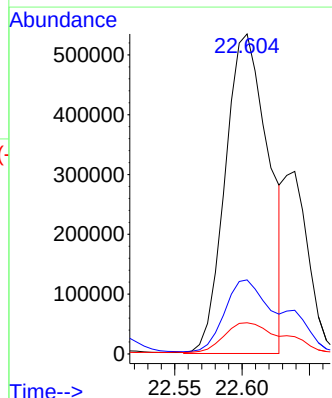
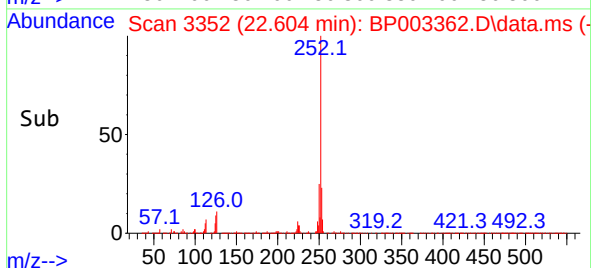
Tgt Ion: 276 Resp: 607657
 Ion Ratio Lower Upper
 276 100
 138 18.6 18.7 28.1#
 277 25.4 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 27.08 ng m
 RT: 22.604 min Scan# 3352
 Delta R.T. -0.000 min
 Lab File: BP003362.D
 Acq: 23 Sep 2020 17:47



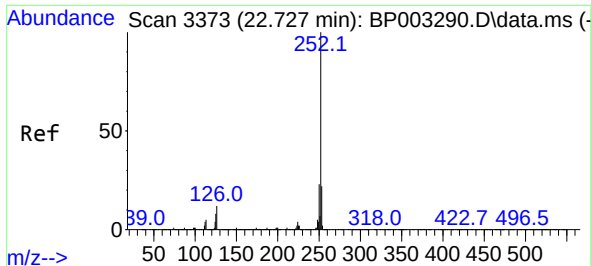
Tgt Ion: 252 Resp: 1197936
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.6 26.4
 125 9.7 7.3 10.9



Instrument :
 BNA_P
 ClientSampleId :
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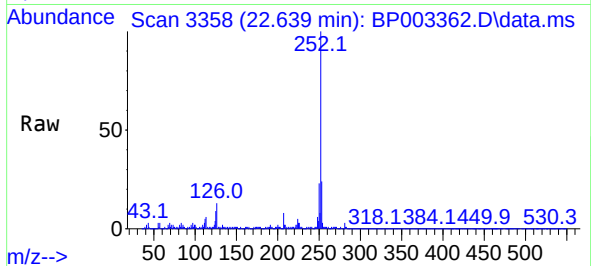
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#89
Benzo(k)fluoranthene
Concen: 9.01 ng m
RT: 22.639 min Scan# 3358
Delta R.T. -0.012 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

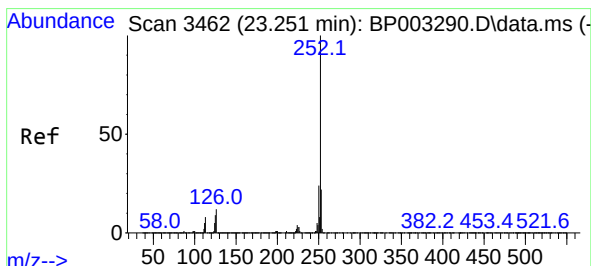
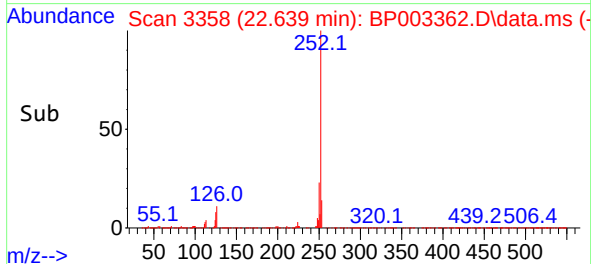
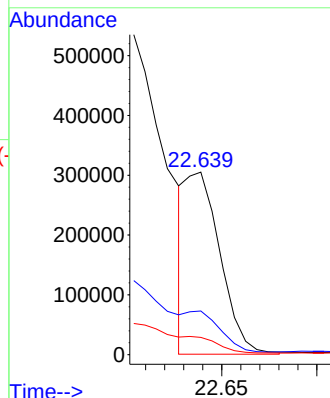
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:252 Resp: 382105
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 9.5 7.4 11.2

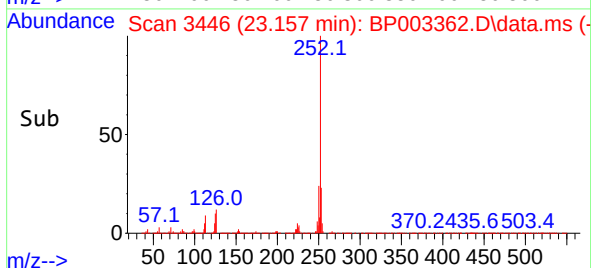
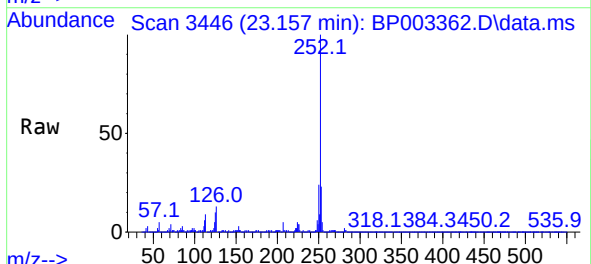
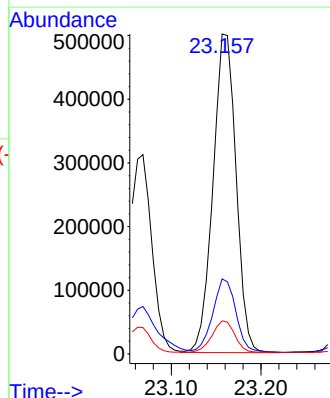
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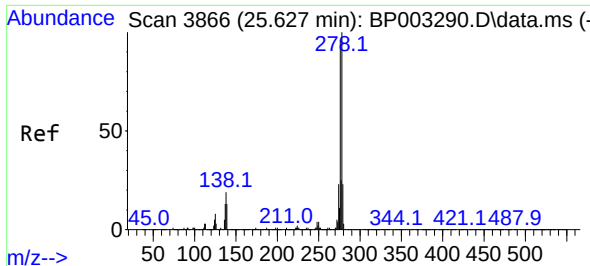
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#90
Benzo(a)pyrene
Concen: 21.42 ng
RT: 23.157 min Scan# 3446
Delta R.T. -0.012 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

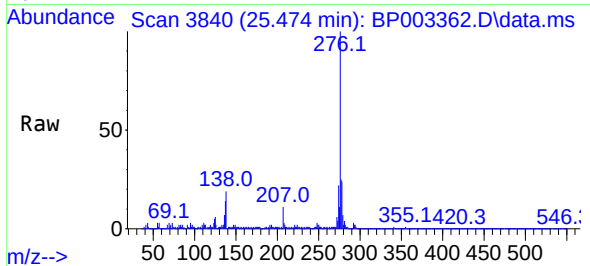
Tgt Ion:252 Resp: 893465
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.0
125 10.4 8.2 12.4





#91
Dibenzo(a,h)anthracene
Concen: 3.78 ng
RT: 25.474 min Scan# 3840
Delta R.T. -0.024 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

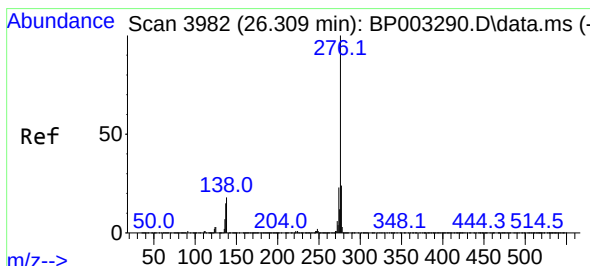
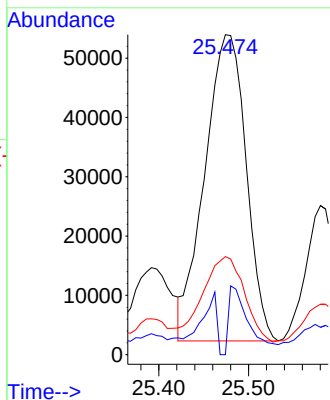
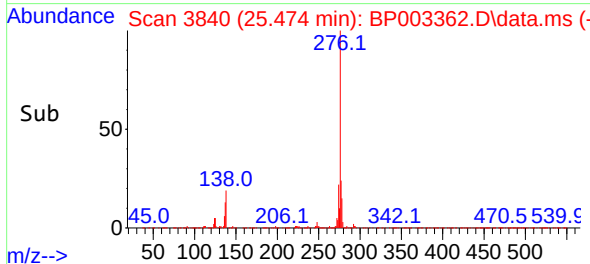
Instrument :
BNA_P
ClientSampleId :
SU-02-092220



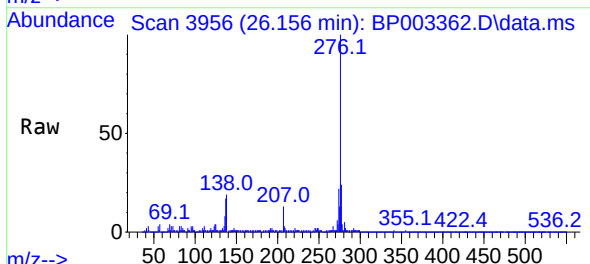
Tgt Ion:278 Resp: 165611
Ion Ratio Lower Upper
278 100
139 0.0 12.4 18.6#
279 30.6 19.0 28.6#

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#92
Benzo(g,h,i)perylene
Concen: 13.25 ng
RT: 26.156 min Scan# 3956
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47



Tgt Ion:276 Resp: 579764
Ion Ratio Lower Upper
276 100
277 24.4 19.0 28.6
138 19.4 16.6 24.8

