

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100920\
 Data File : BP003596.D
 Acq On : 09 Oct 2020 16:39
 Operator : CG/JU
 Sample : L4333-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PM-WC-C

Manual Integrations
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mohammad
 10/12/2020 11:34:51 AM

Quant Time: Oct 09 17:14:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 15:55:58 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.481	152	43067	20.00	ng	0.00
21) Naphthalene-d8	10.251	136	161319	20.00	ng	# 0.00
39) Acenaphthene-d10	14.145	164	107275	20.00	ng	0.00
64) Phenanthrene-d10	16.910	188	211273	20.00	ng	# 0.01
76) Chrysene-d12	21.010	240	249695	20.00	ng	# 0.00
86) Perylene-d12	23.174	264	281039	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.087	112	32	0.01	ng	-0.01
7) Phenol-d6	6.746	99	5469	1.66	ng	0.06
23) Nitrobenzene-d5	8.634	82	210045	76.49	ng	0.00
42) 2,4,6-Tribromophenol	15.663	330	16	0.01	ng	0.02
45) 2-Fluorobiphenyl	12.751	172	517430	70.54	ng	0.00
79) Terphenyl-d14	19.492	244	819688	68.40	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.304	128	89298	10.48	ng	# 95
37) 2-Methylnaphthalene	11.934	142	741242	120.07	ng	# 95
38) 1-Methylnaphthalene	12.157	142	471811	80.49	ng	# 99
46) 1,1'-Biphenyl	12.969	154	134574	16.82	ng	97
49) Acenaphthylene	13.869	152	36702	3.63	ng	# 1
50) Dimethylphthalate	13.610	163	34457	4.02	ng	# 88
52) Acenaphthene	14.210	154	15878m	2.58	ng	
55) Dibenzofuran	14.551	168	112591	11.45	ng	# 22
71) Phenanthrene	16.957	178	849265	73.88	ng	97
75) Fluoranthene	18.945	202	74418	5.15	ng	79
78) Pyrene	19.292	202	185189	11.89	ng	# 95

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

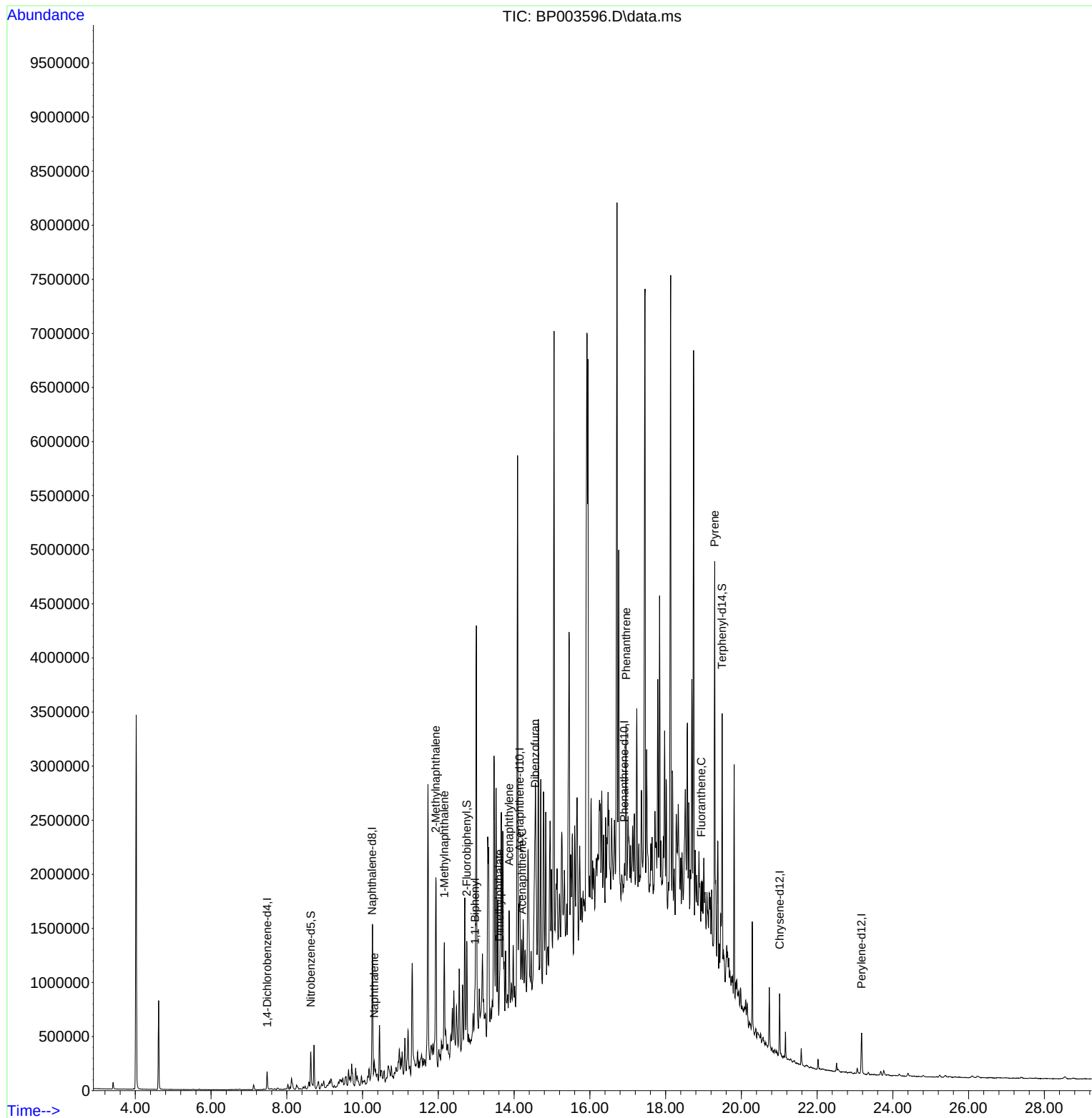
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Data File : BP003596.D
Acq On : 09 Oct 2020 16:39
Operator : CG/JU
Sample : L4333-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

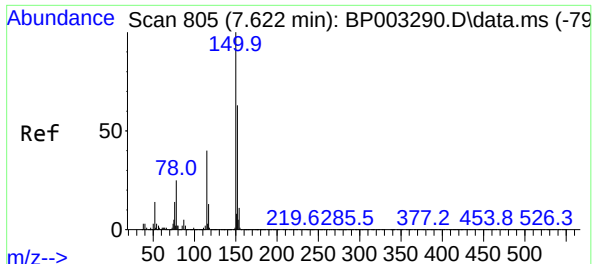
Instrument :
BNA_P
ClientSampleId :
PM-WC-C

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Quant Time: Oct 09 17:14:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 08 15:55:58 2020
Response via : Initial Calibration





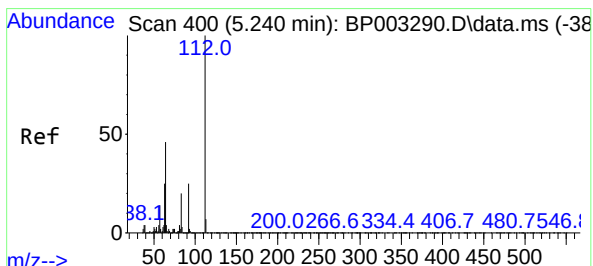
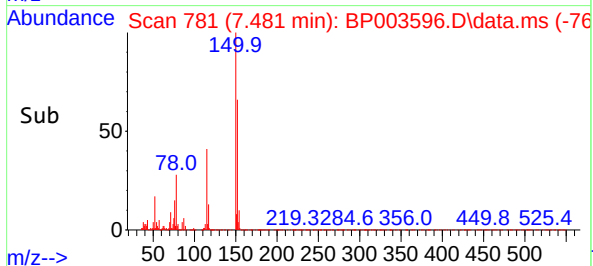
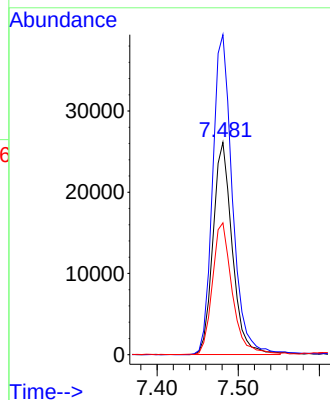
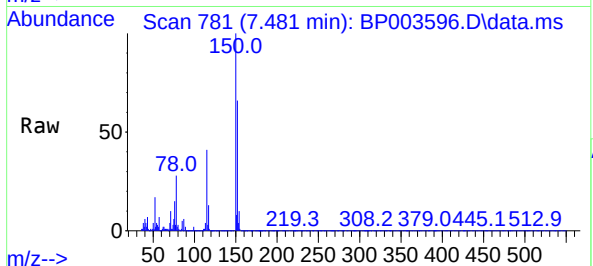
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.481 min Scan# 781
Delta R.T. 0.000 min
Lab File: BP003596.D
Acq: 09 Oct 2020 16:39

Tgt Ion:152 Resp: 43067
Ion Ratio Lower Upper
152 100
150 150.7 123.8 185.6
115 62.1 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
PM-WC-C

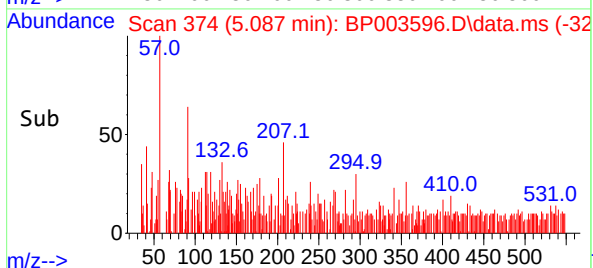
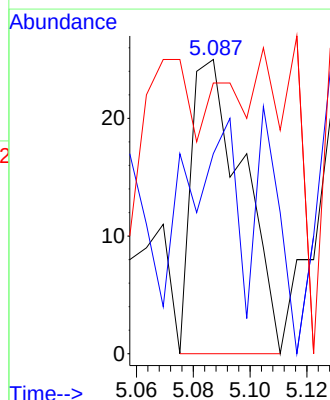
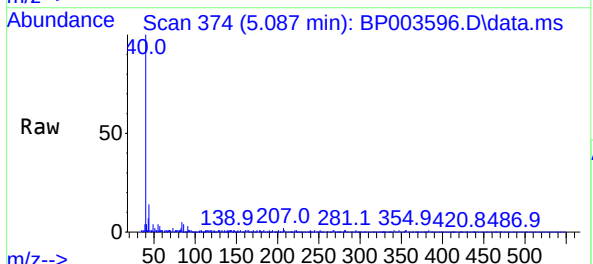
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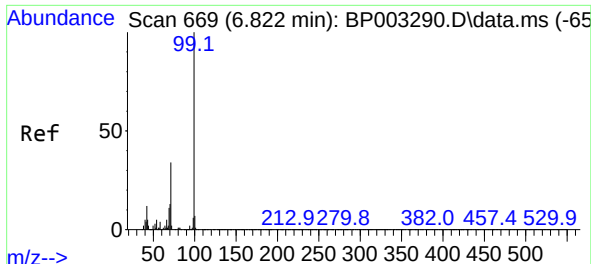
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#5
2-Fluorophenol
Concen: 0.01 ng
RT: 5.087 min Scan# 374
Delta R.T. -0.012 min
Lab File: BP003596.D
Acq: 09 Oct 2020 16:39

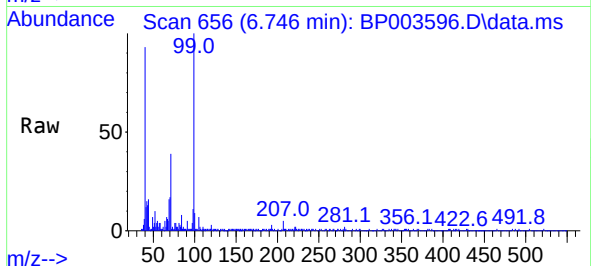
Tgt Ion:112 Resp: 32
Ion Ratio Lower Upper
112 100
64 68.0 32.8 49.2#
63 92.0 17.0 25.4#





#7
Phenol-d6
Concen: 1.66 ng
RT: 6.746 min Scan# 656
Delta R.T. 0.059 min
Lab File: BP003596.D
Acq: 09 Oct 2020 16:39

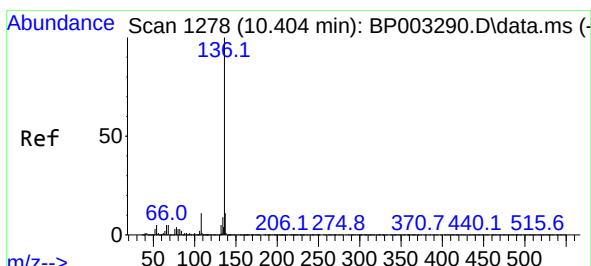
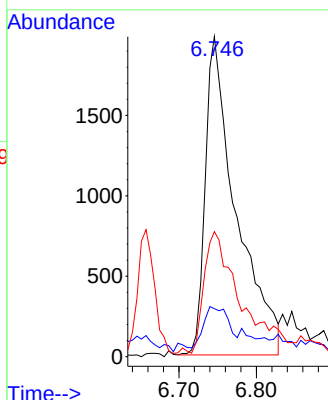
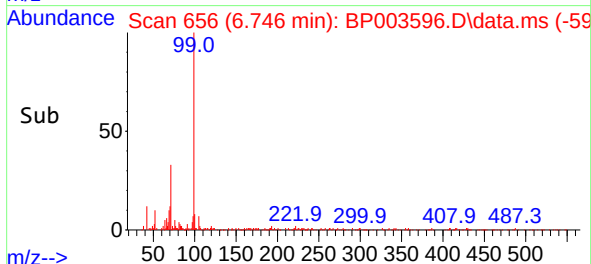
Instrument :
BNA_P
ClientSampled :
PM-WC-C



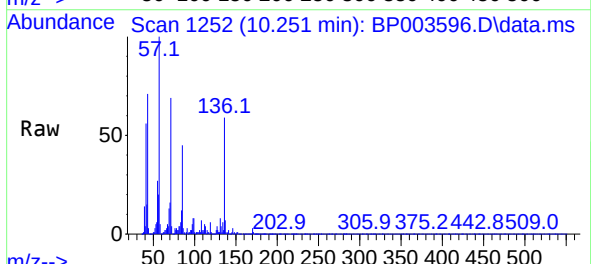
Tgt Ion: 99 Resp: 5469
Ion Ratio Lower Upper
99 100
42 15.0 8.6 13.0#
71 39.1 23.4 35.2#

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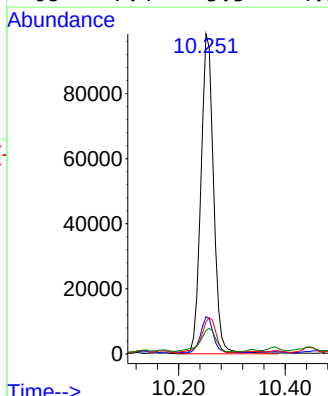
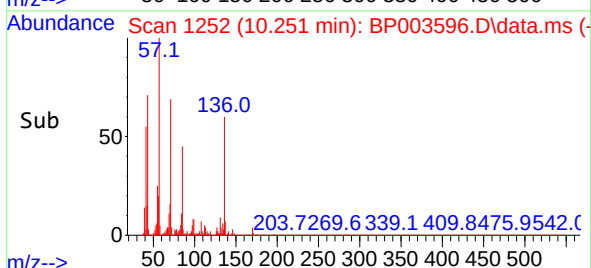
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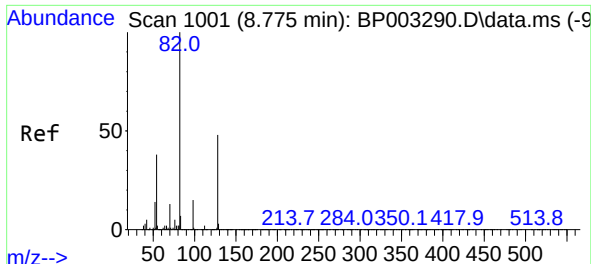


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.251 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BP003596.D
Acq: 09 Oct 2020 16:39



Tgt Ion: 136 Resp: 161319
Ion Ratio Lower Upper
136 100
137 11.7 8.6 13.0
54 10.0 3.6 5.4#
68 7.4 3.3 4.9#





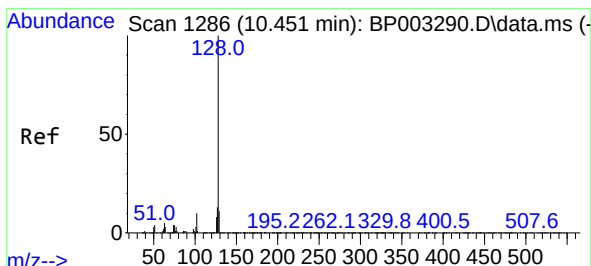
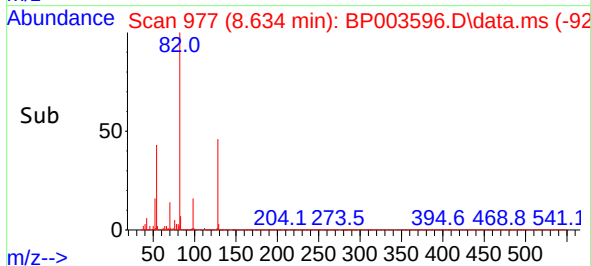
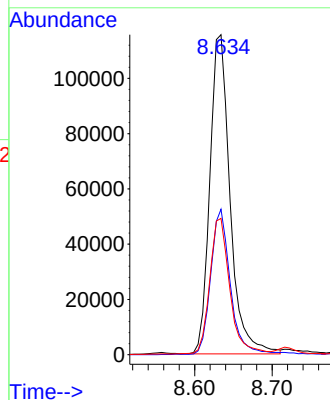
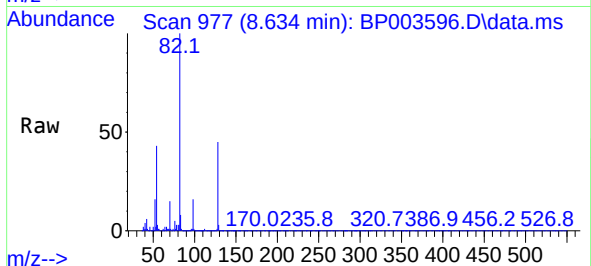
#23
Nitrobenzene-d5
Concen: 76.49 ng
RT: 8.634 min Scan# 977
Delta R.T. 0.000 min
Lab File: BP003596.D
Acq: 09 Oct 2020 16:39

Tgt Ion: 82 Resp: 210045
Ion Ratio Lower Upper
82 100
128 45.4 45.6 68.4#
54 42.6 30.1 45.1

Instrument :
BNA_P
ClientSampleId :
PM-WC-C

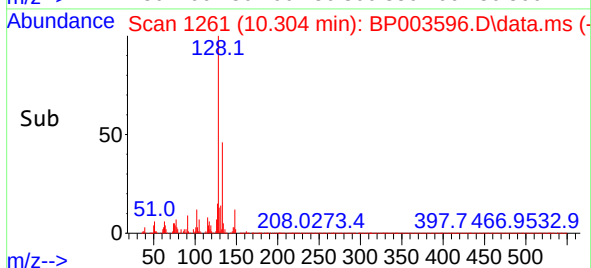
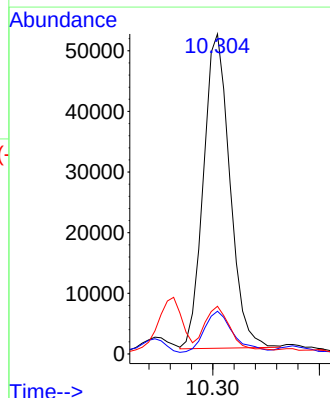
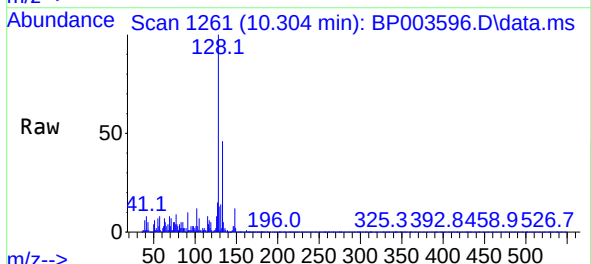
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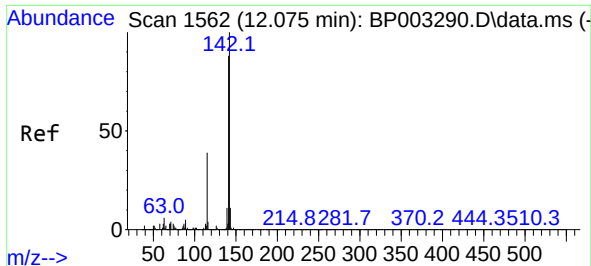
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#31
Naphthalene
Concen: 10.48 ng
RT: 10.304 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BP003596.D
Acq: 09 Oct 2020 16:39

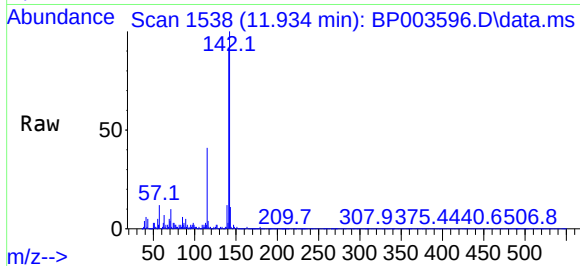
Tgt Ion: 128 Resp: 89298
Ion Ratio Lower Upper
128 100
129 13.3 8.8 13.2#
127 14.9 10.6 15.8





#37
2-Methylnaphthalene
Concen: 120.07 ng
RT: 11.934 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BP003596.D
Acq: 09 Oct 2020 16:39

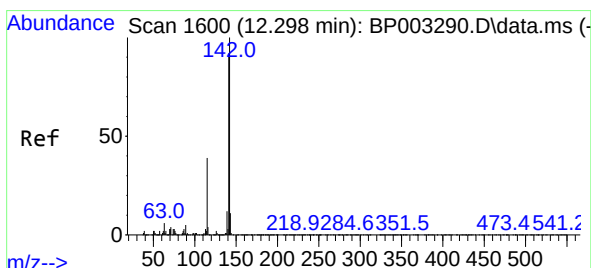
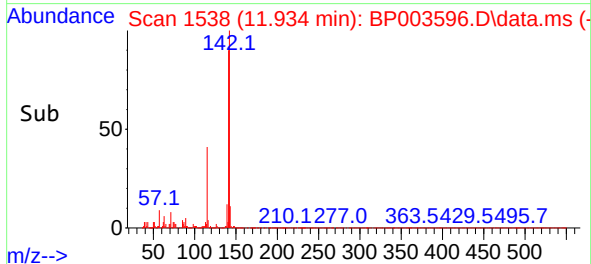
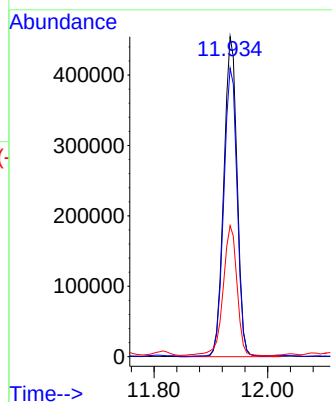
Instrument :
BNA_P
ClientSampleId :
PM-WC-C



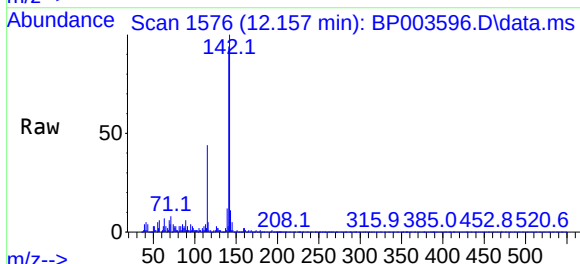
Tgt Ion:142 Resp: 741242
Ion Ratio Lower Upper
142 100
141 90.2 71.4 107.2
115 40.9 25.8 38.6#

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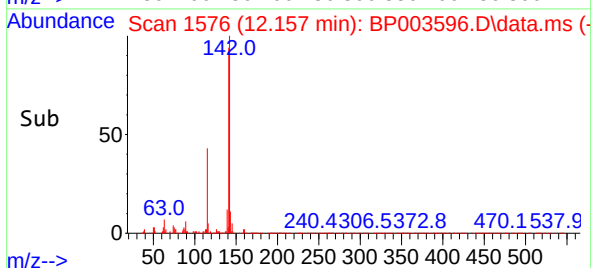
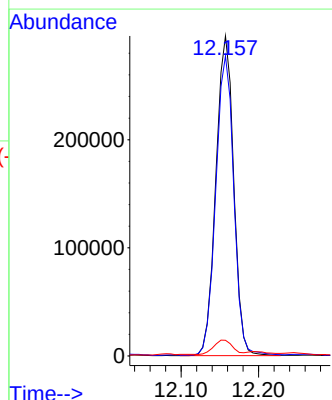
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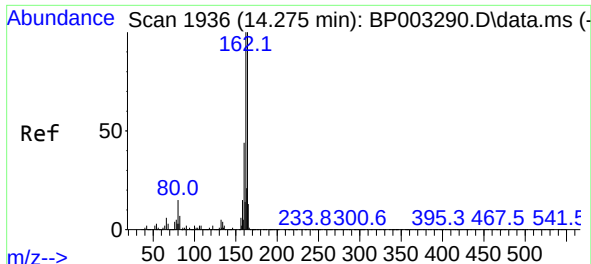


#38
1-Methylnaphthalene
Concen: 80.49 ng
RT: 12.157 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BP003596.D
Acq: 09 Oct 2020 16:39



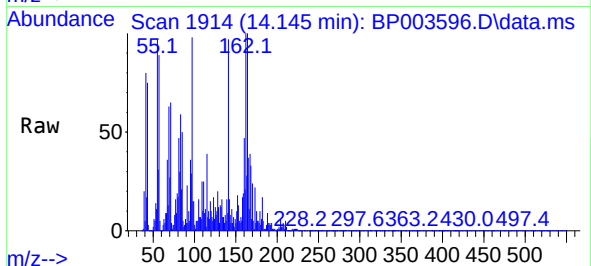
Tgt Ion:142 Resp: 471811
Ion Ratio Lower Upper
142 100
141 93.7 74.4 111.6
116 4.9 2.9 4.3#





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.145 min Scan# 1914
Delta R.T. 0.006 min
Lab File: BP003596.D
Acq: 09 Oct 2020 16:39

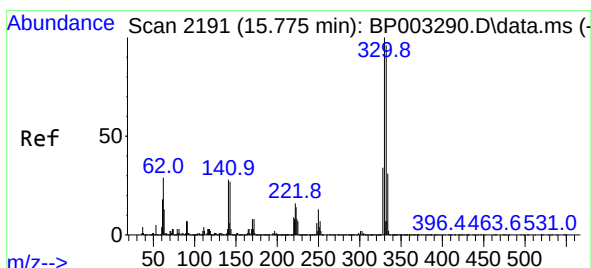
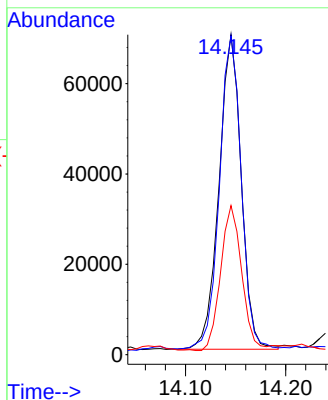
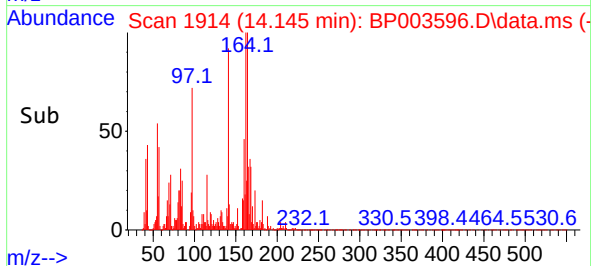
Instrument :
BNA_P
ClientSampled :
PM-WC-C



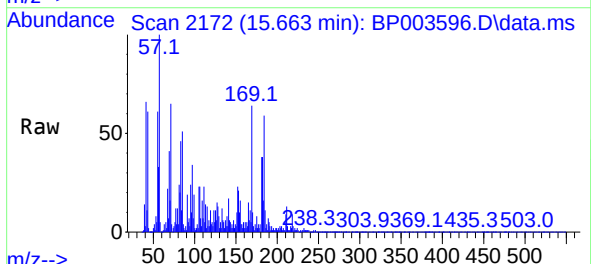
Tgt Ion:164 Resp: 107275
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.2
160 46.6 36.1 54.1

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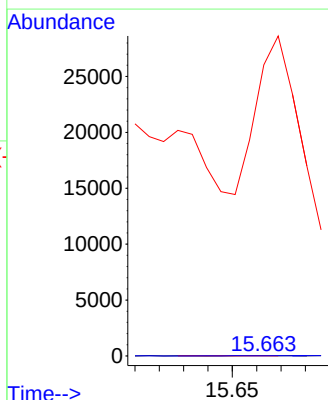
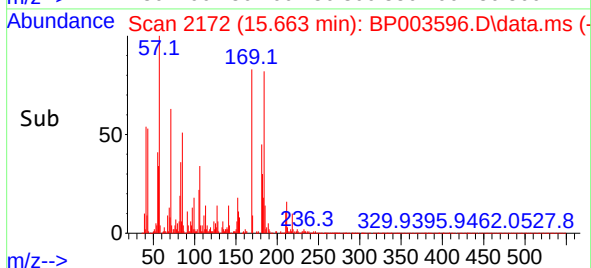
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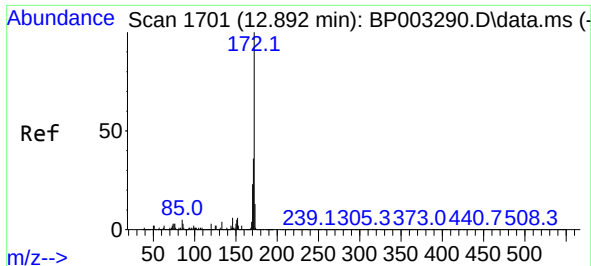


#42
2,4,6-Tribromophenol
Concen: 0.01 ng
RT: 15.663 min Scan# 2172
Delta R.T. 0.018 min
Lab File: BP003596.D
Acq: 09 Oct 2020 16:39



Tgt Ion:330 Resp: 16
Ion Ratio Lower Upper
330 100
332 400.0 77.1 115.7#
141 147337.5 23.4 35.2#





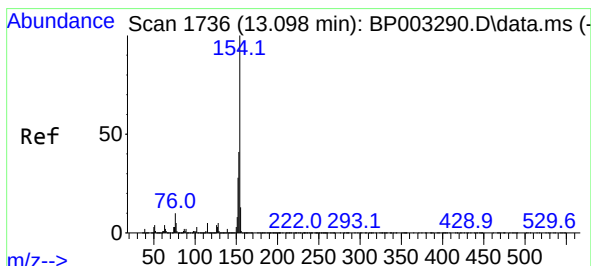
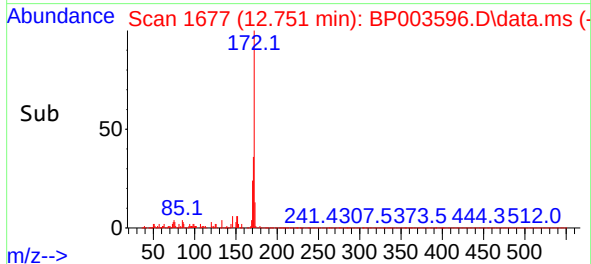
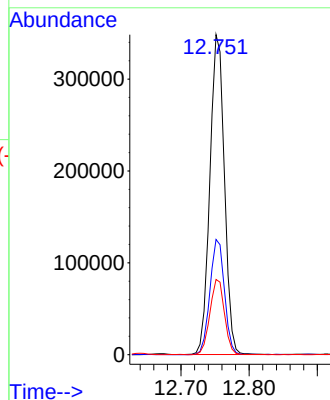
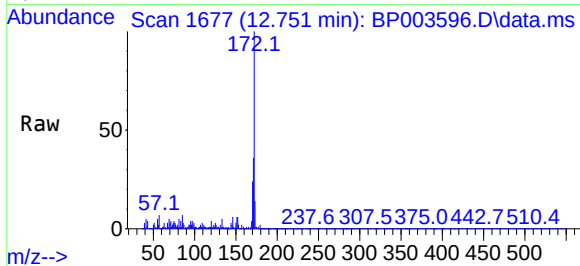
#45
2-Fluorobiphenyl
Concen: 70.54 ng
RT: 12.751 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP003596.D
Acq: 09 Oct 2020 16:39

Tgt Ion:	172	Resp:	517430
Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	23.5	19.2	28.8

Instrument :
BNA_P
ClientSampleId :
PM-WC-C

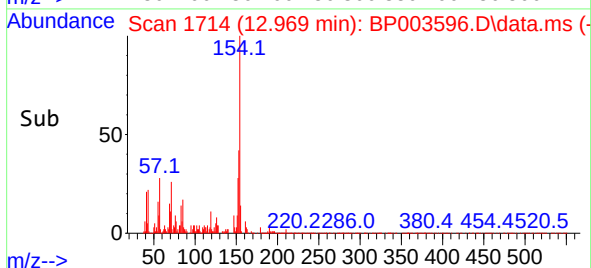
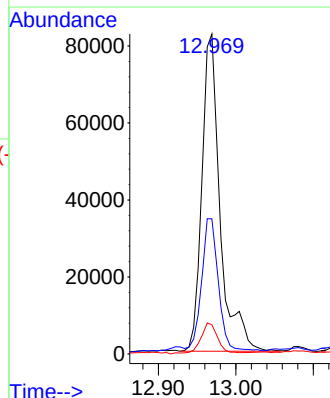
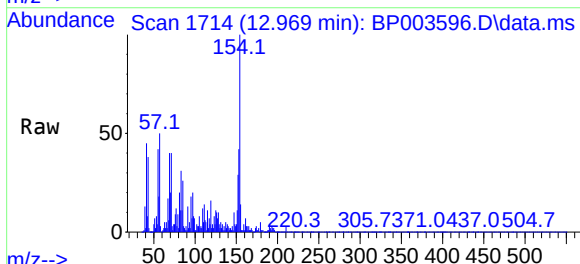
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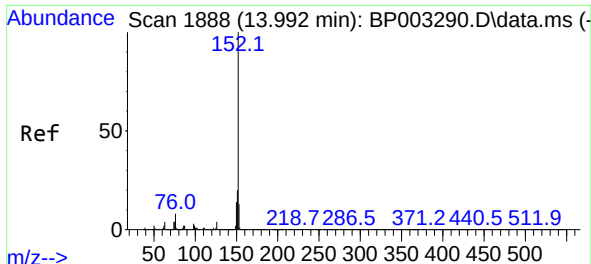
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#46
1,1'-Biphenyl
Concen: 16.82 ng
RT: 12.969 min Scan# 1714
Delta R.T. 0.006 min
Lab File: BP003596.D
Acq: 09 Oct 2020 16:39

Tgt Ion:	154	Resp:	134574
Ion	Ratio	Lower	Upper
154	100		
153	42.3	20.4	60.4
76	9.1	0.0	29.3





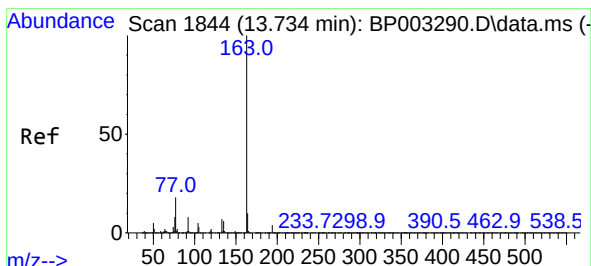
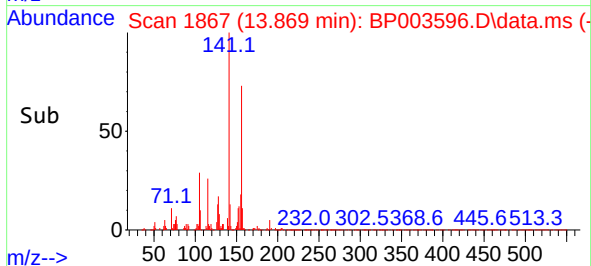
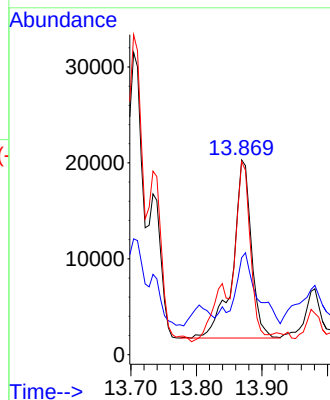
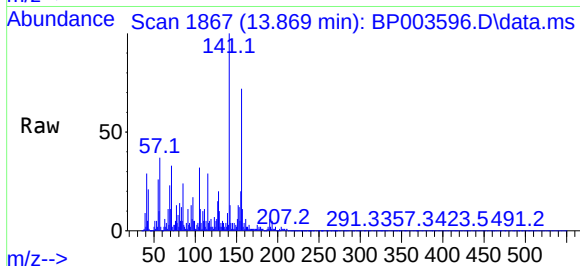
#49
Acenaphthylene
Concen: 3.63 ng
RT: 13.869 min Scan# 1867
Delta R.T. 0.012 min
Lab File: BP003596.D
Acq: 09 Oct 2020 16:39

Tgt Ion:152 Resp: 36702
Ion Ratio Lower Upper
152 100
151 49.8 15.9 23.9#
153 99.2 10.5 15.7#

Instrument :
BNA_P
ClientSampled :
PM-WC-C

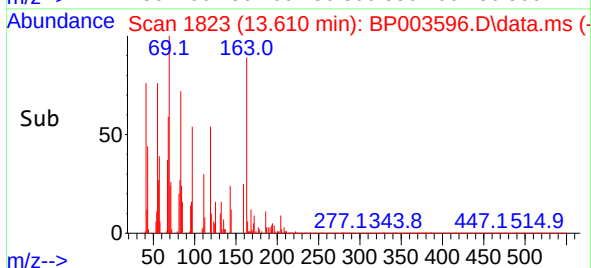
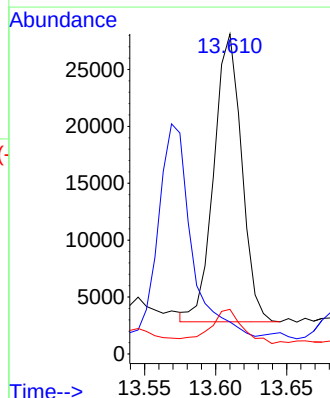
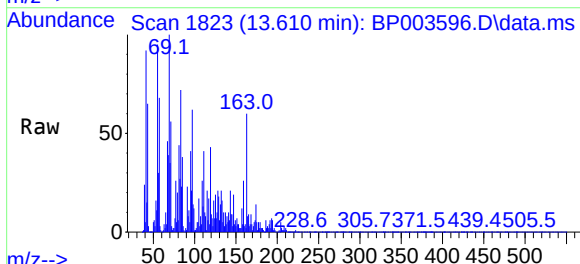
Manual Integrations
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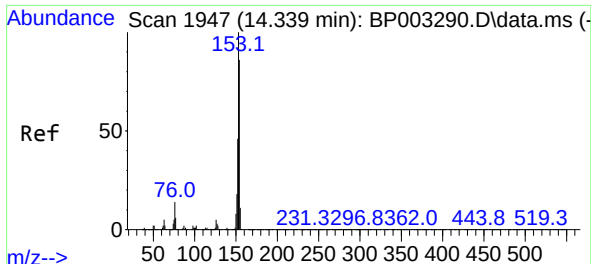
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#50
Dimethylphthalate
Concen: 4.02 ng
RT: 13.610 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BP003596.D
Acq: 09 Oct 2020 16:39

Tgt Ion:163 Resp: 34457
Ion Ratio Lower Upper
163 100
194 10.0 3.3 4.9#
164 13.9 8.2 12.2#





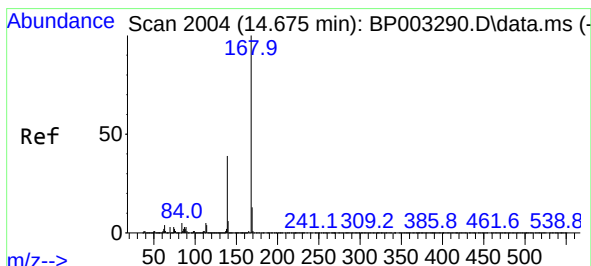
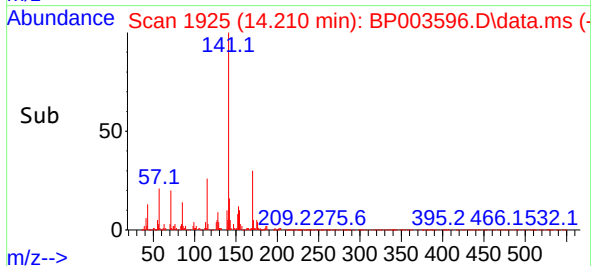
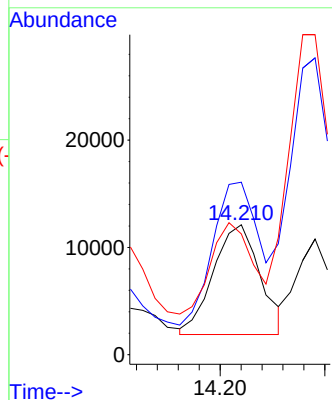
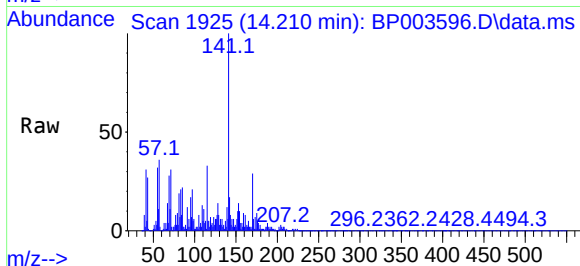
#52
Acenaphthene
Concen: 2.58 ng m
RT: 14.210 min Scan# 1925
Delta R.T. 0.006 min
Lab File: BP003596.D
Acq: 09 Oct 2020 16:39

Tgt Ion:154 Resp: 15878
Ion Ratio Lower Upper
154 100
153 132.7 91.0 136.6
152 92.9 43.0 64.6#

Instrument :
BNA_P
ClientSampled :
PM-WC-C

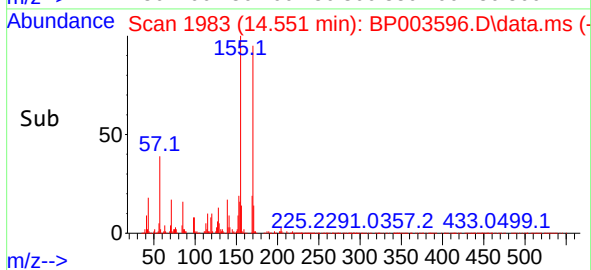
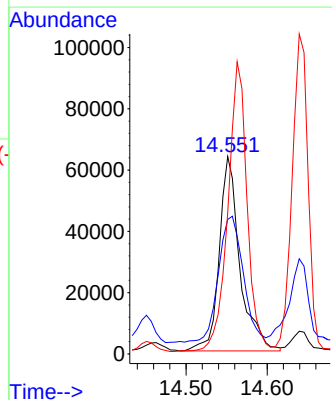
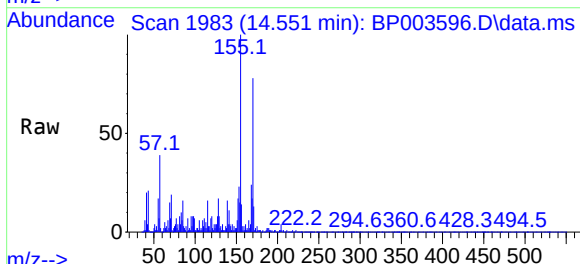
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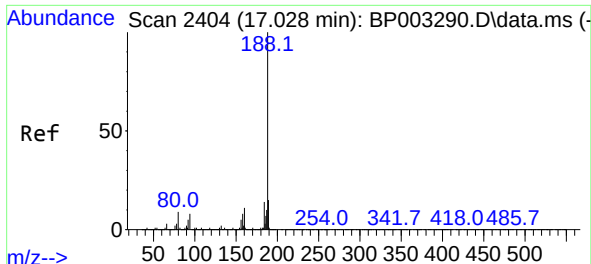
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#55
Dibenzofuran
Concen: 11.45 ng
RT: 14.551 min Scan# 1983
Delta R.T. 0.006 min
Lab File: BP003596.D
Acq: 09 Oct 2020 16:39

Tgt Ion:168 Resp: 112591
Ion Ratio Lower Upper
168 100
139 68.2 29.1 43.7#
169 71.5 10.4 15.6#





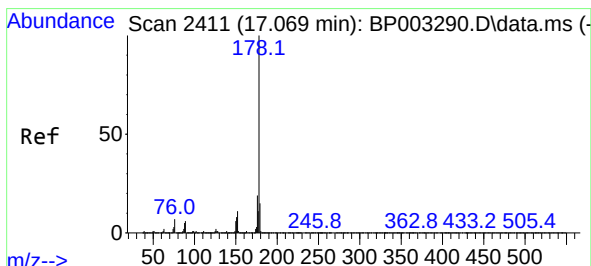
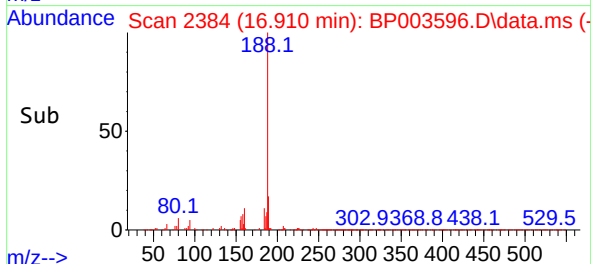
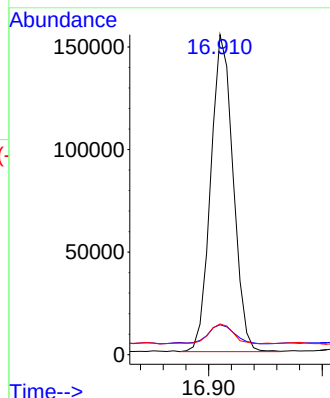
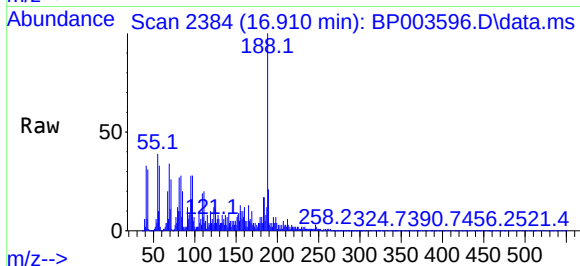
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.910 min Scan# 2384
Delta R.T. 0.012 min
Lab File: BP003596.D
Acq: 09 Oct 2020 16:39

Tgt Ion:188 Resp: 211273
Ion Ratio Lower Upper
188 100
94 9.3 6.2 9.2#
80 9.6 6.2 9.2#

Instrument :
BNA_P
ClientSampleId :
PM-WC-C

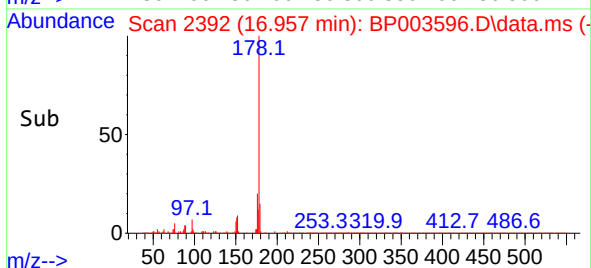
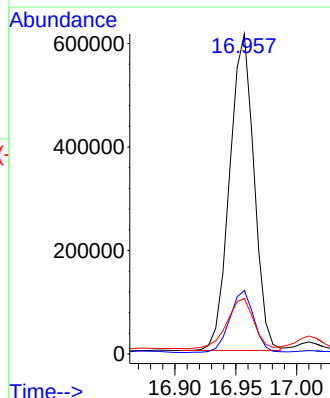
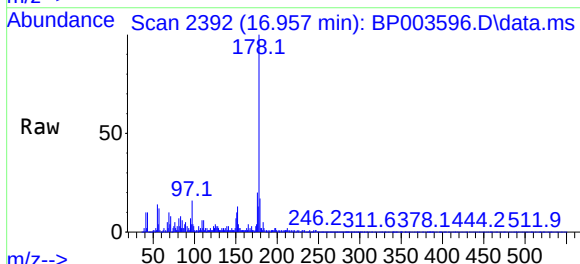
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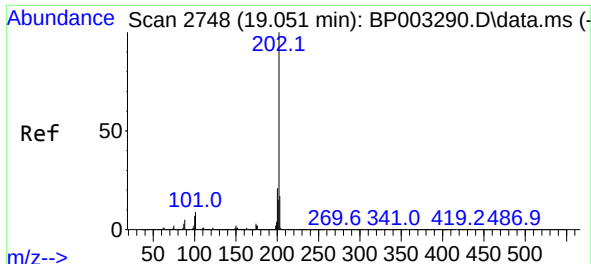
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#71
Phenanthrene
Concen: 73.88 ng
RT: 16.957 min Scan# 2392
Delta R.T. 0.018 min
Lab File: BP003596.D
Acq: 09 Oct 2020 16:39

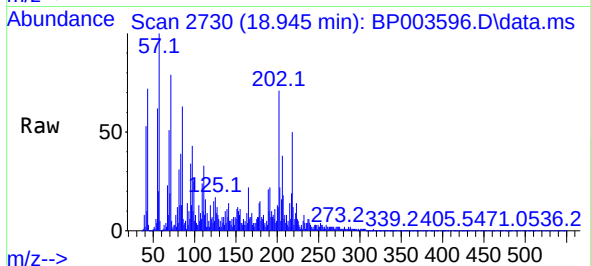
Tgt Ion:178 Resp: 849265
Ion Ratio Lower Upper
178 100
176 19.8 15.3 22.9
179 17.3 12.5 18.7





#75
Fluoranthene
Concen: 5.15 ng
RT: 18.945 min Scan# 2730
Delta R.T. 0.012 min
Lab File: BP003596.D
Acq: 09 Oct 2020 16:39

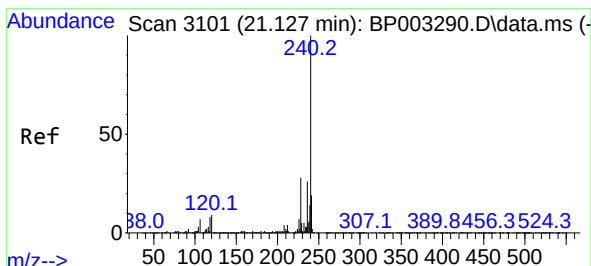
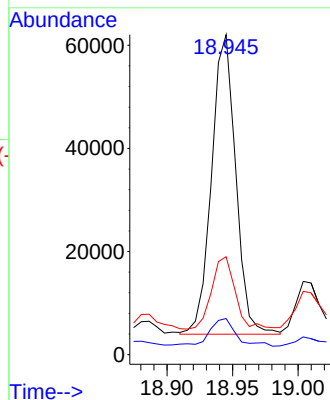
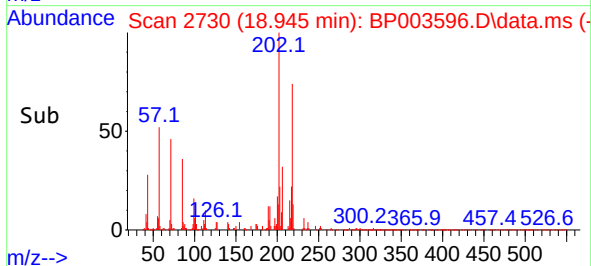
Instrument :
BNA_P
ClientSampled :
PM-WC-C



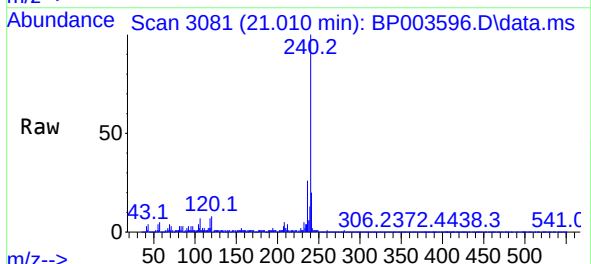
Tgt Ion:202 Resp: 74418
Ion Ratio Lower Upper
202 100
101 11.3 0.0 29.4
203 30.6 0.0 37.8

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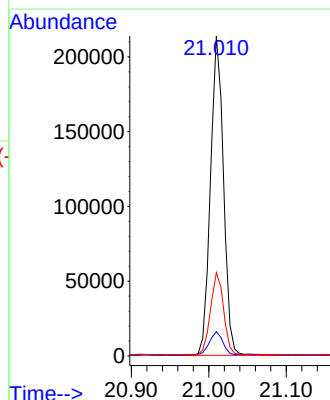
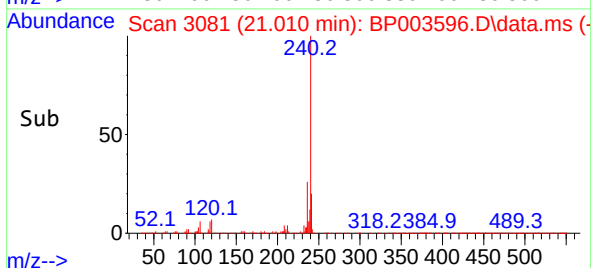
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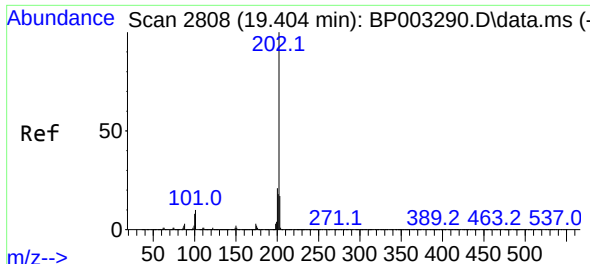


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.010 min Scan# 3081
Delta R.T. 0.000 min
Lab File: BP003596.D
Acq: 09 Oct 2020 16:39



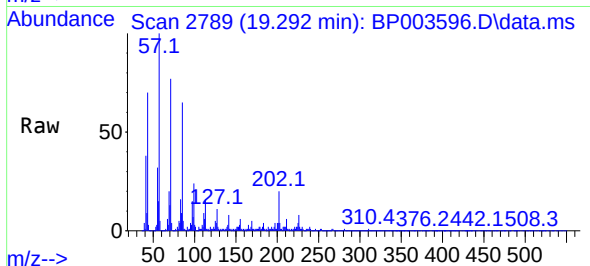
Tgt Ion:240 Resp: 249695
Ion Ratio Lower Upper
240 100
120 7.6 7.8 11.6#
236 26.0 20.8 31.2





#78
Pyrene
Concen: 11.89 ng
RT: 19.292 min Scan# 2789
Delta R.T. 0.006 min
Lab File: BP003596.D
Acq: 09 Oct 2020 16:39

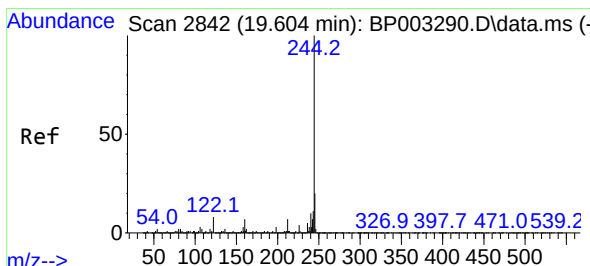
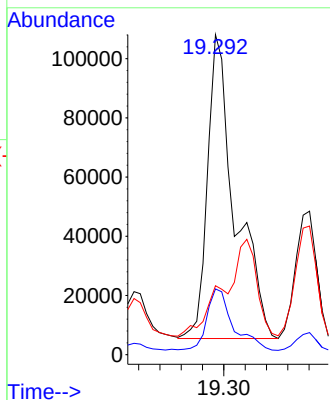
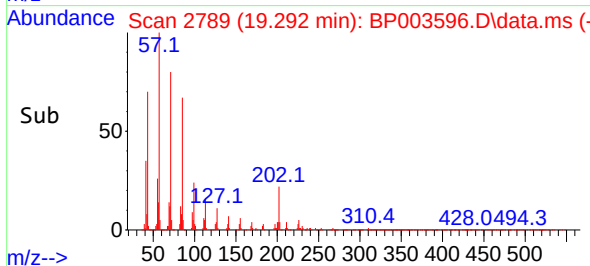
Instrument :
BNA_P
ClientSampled :
PM-WC-C



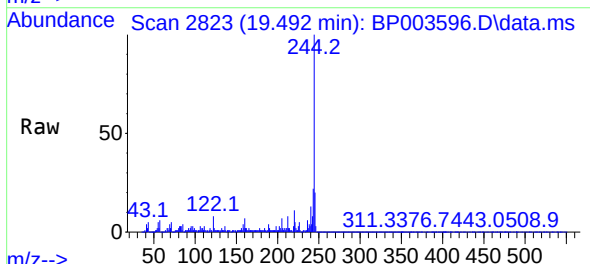
Tgt Ion:202 Resp: 185189
Ion Ratio Lower Upper
202 100
200 20.5 17.1 25.7
203 21.6 14.2 21.2#

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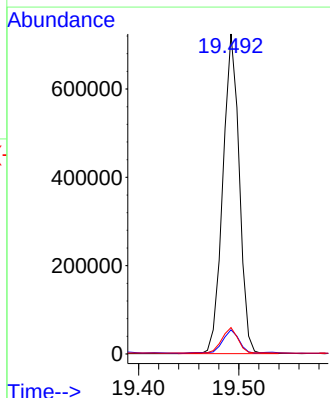
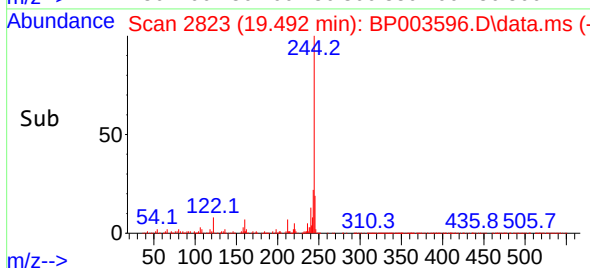
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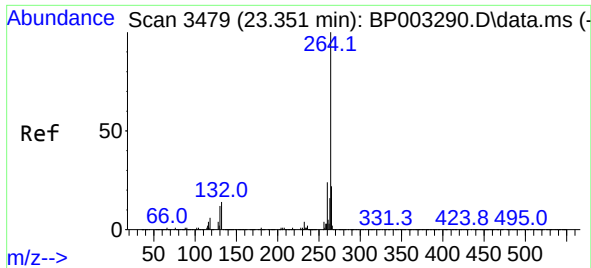


#79
Terphenyl-d14
Concen: 68.40 ng
RT: 19.492 min Scan# 2823
Delta R.T. 0.006 min
Lab File: BP003596.D
Acq: 09 Oct 2020 16:39



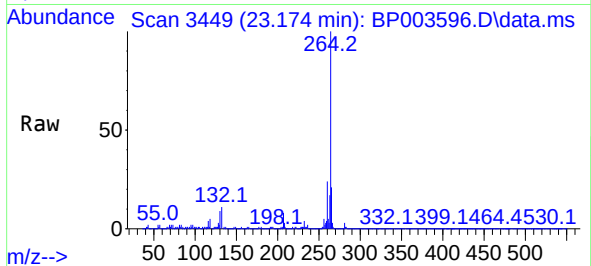
Tgt Ion:244 Resp: 819688
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 8.2 7.8 11.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.174 min Scan# 3449
Delta R.T. 0.000 min
Lab File: BP003596.D
Acq: 09 Oct 2020 16:39

Instrument :
BNA_P
ClientSampleId :
PM-WC-C



Tgt Ion:264 Resp: 281039

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	20.8	17.4	26.2

Manual Integrations
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