

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
 Data File : BP003418.D
 Acq On : 30 Sep 2020 17:47
 Operator : CG/JU
 Sample : L4179-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-10(12-14)

Manual Integrations
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Quant Time: Sep 30 18:22:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 30 17:14:02 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	131645	20.00	ng	0.00
21) Naphthalene-d8	10.316	136	544797	20.00	ng	# 0.00
39) Acenaphthene-d10	14.192	164	342822	20.00	ng	0.00
64) Phenanthrene-d10	16.945	188	745258	20.00	ng	# 0.00
76) Chrysene-d12	21.063	240	779829	20.00	ng	0.00
86) Perylene-d12	23.280	264	763266	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.152	112	719430	95.43	ng	0.00
7) Phenol-d6	6.740	99	955557	95.09	ng	0.00
23) Nitrobenzene-d5	8.687	82	643939	69.44	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	388915	74.38	ng	0.00
45) 2-Fluorobiphenyl	12.810	172	1409288	60.12	ng	0.00
79) Terphenyl-d14	19.533	244	2031518	54.28	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	13.910	152	84570	2.61	ng	99
50) Dimethylphthalate	13.657	163	186693	6.82	ng	99
52) Acenaphthene	14.257	154	44783	2.27	ng	98
58) Fluorene	15.251	166	60273	2.43	ng	99
71) Phenanthrene	16.992	178	1026374	25.31	ng	99
72) Anthracene	17.080	178	292396	7.32	ng	99
73) Carbazole	17.363	167	92495	2.44	ng	98
75) Fluoranthene	18.980	202	2347004	46.03	ng	100
78) Pyrene	19.333	202	1978409	40.68	ng	100
81) Benzo(a)anthracene	21.045	228	1247796	24.75	ng	99
83) Chrysene	21.098	228	990333	20.45	ng	98
87) Indeno(1,2,3-cd)pyrene	25.556	276	616661	10.66	ng	# 93
88) Benzo(b)fluoranthene	22.610	252	1386096m	28.76	ng	
89) Benzo(k)fluoranthene	22.645	252	382109m	8.27	ng	
90) Benzo(a)pyrene	23.180	252	922008	20.29	ng	97
91) Dibenzo(a,h)anthracene	25.551	278	138768	2.91	ng	# 90
92) Benzo(g,h,i)perylene	26.268	276	525698	11.03	ng	96

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

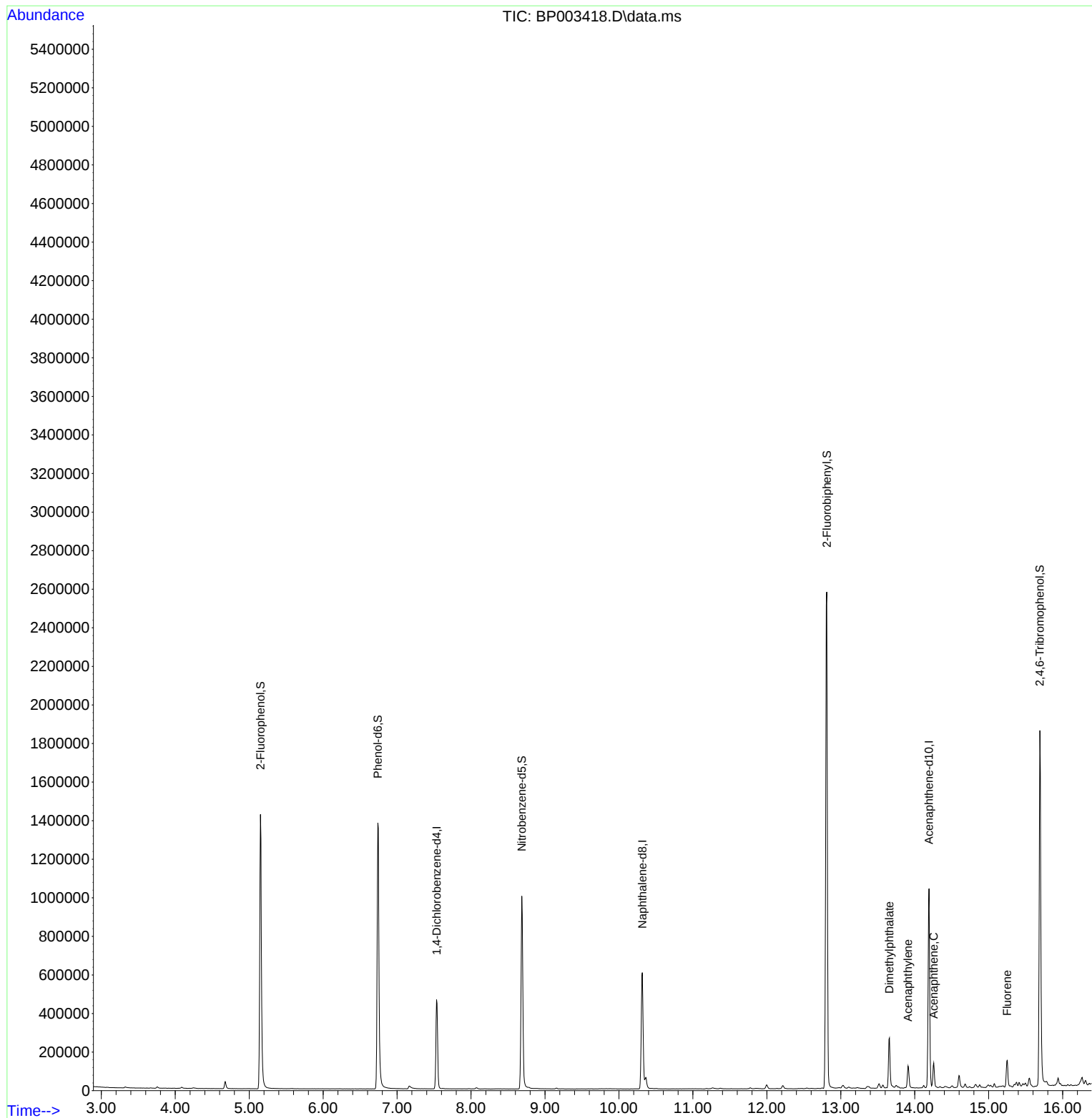
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
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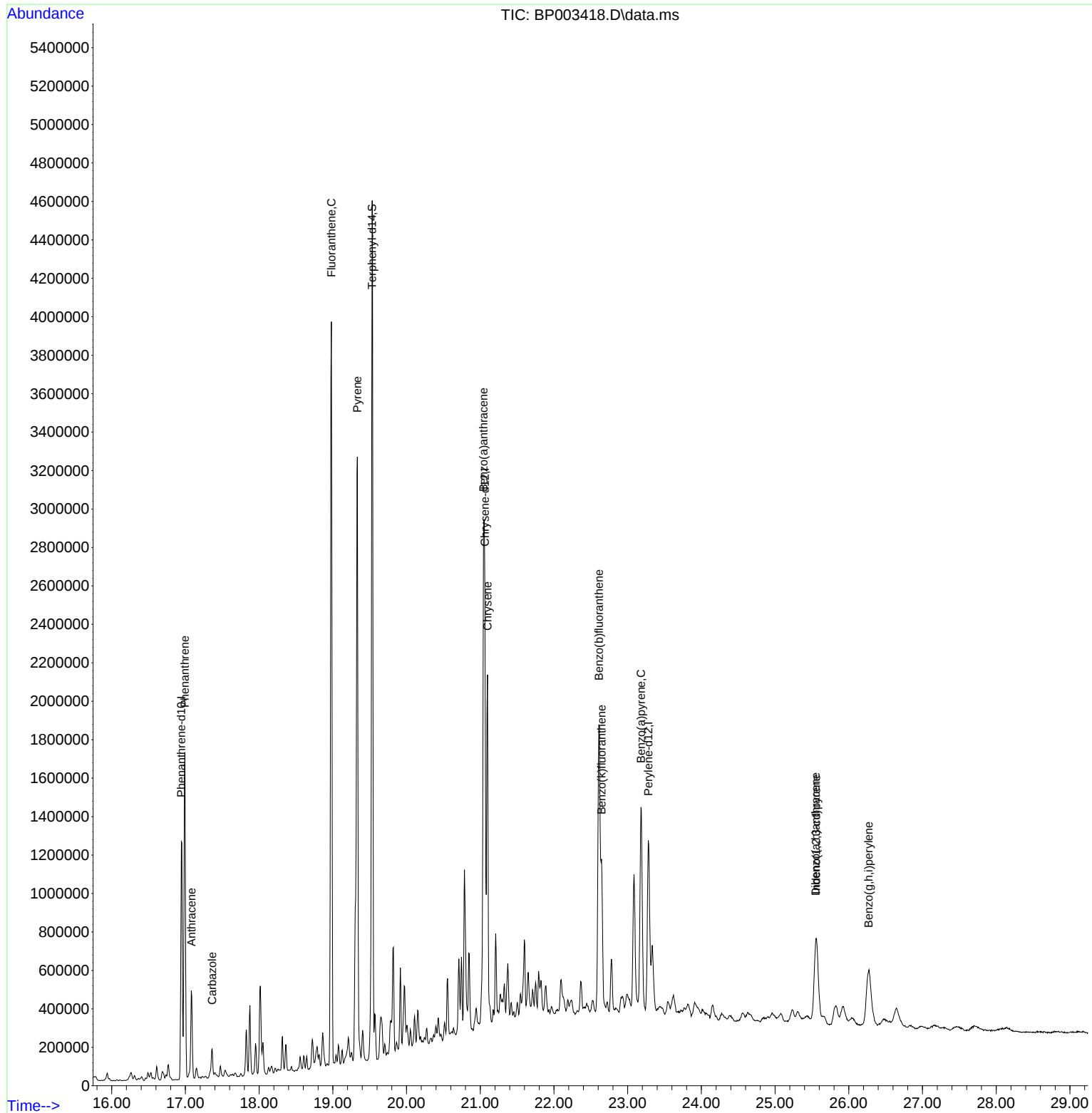
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Data File : BP003418.D
Acq On : 30 Sep 2020 17:47
Operator : CG/JU
Sample : L4179-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

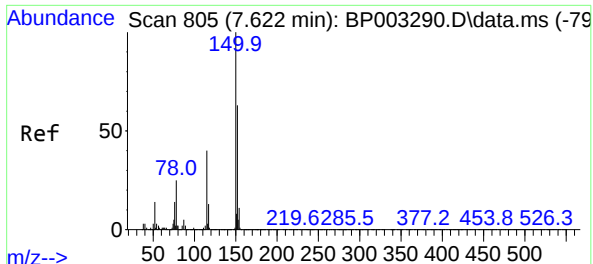
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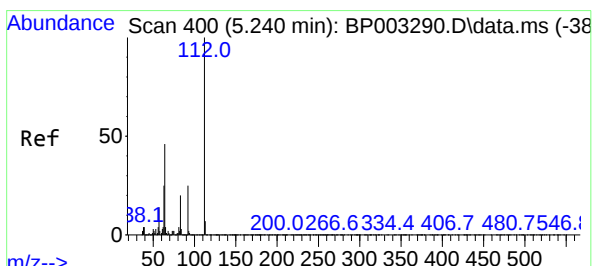
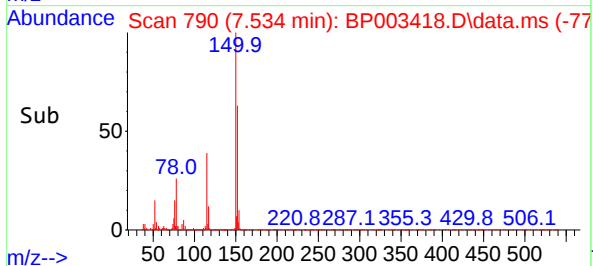
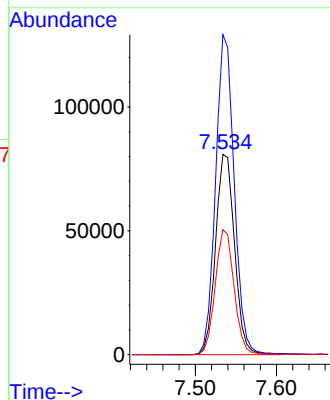
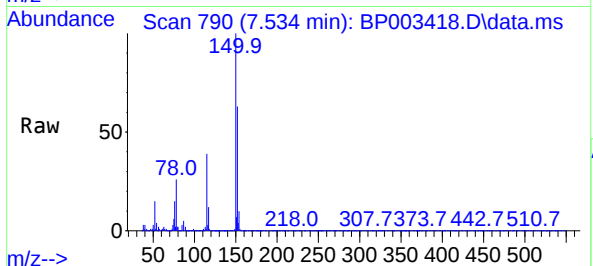
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.534 min Scan# 790
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:	152	Resp:	131645
Ion	Ratio	Lower	Upper
152	100		
150	159.7	123.8	185.6
115	62.4	43.8	65.6

Instrument :
BNA_P
ClientSampleId :
B-10(12-14)

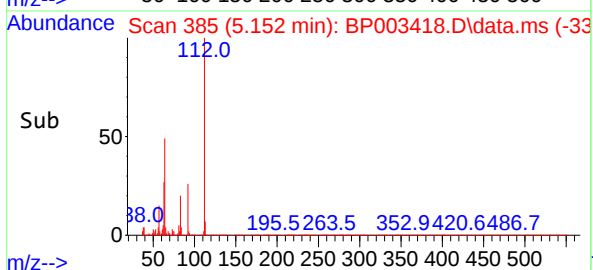
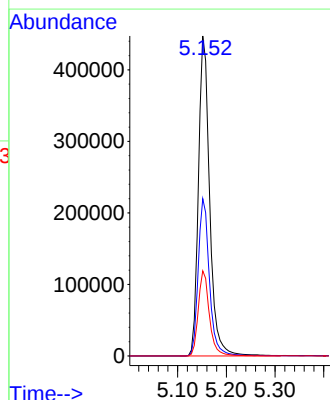
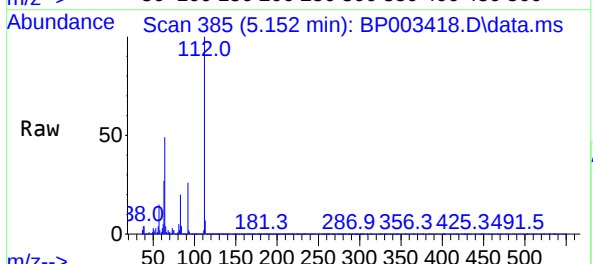
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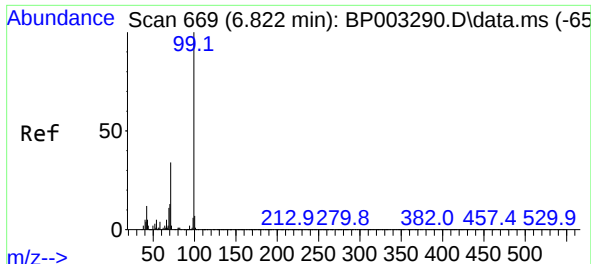
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#5
2-Fluorophenol
Concen: 95.43 ng
RT: 5.152 min Scan# 385
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

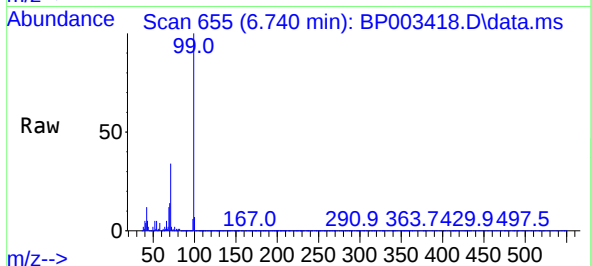
Tgt Ion:	112	Resp:	719430
Ion	Ratio	Lower	Upper
112	100		
64	49.1	32.8	49.2
63	26.6	17.0	25.4





#7
Phenol-d6
Concen: 95.09 ng
RT: 6.740 min Scan# 655
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

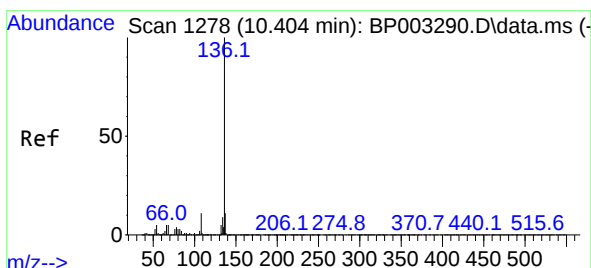
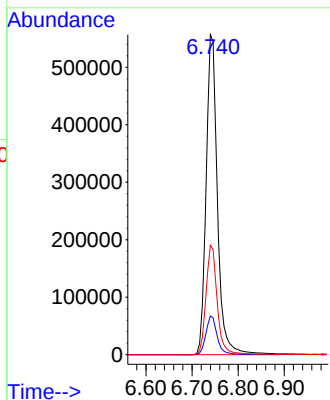
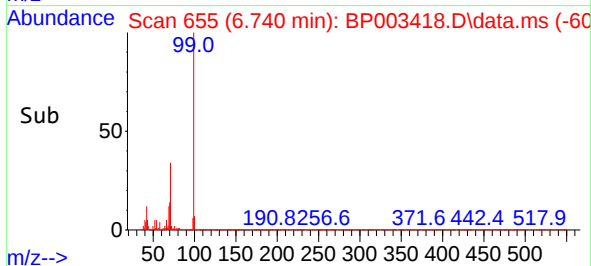
Instrument :
BNA_P
ClientSampleId :
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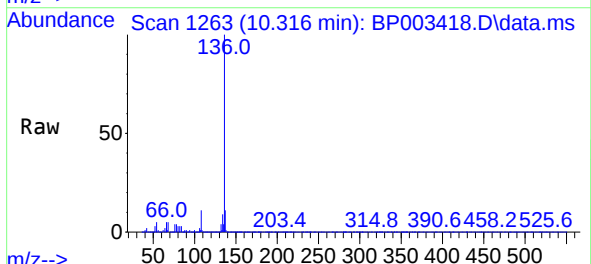
Tgt Ion: 99 Resp: 955557
Ion Ratio Lower Upper
99 100
42 12.1 8.6 13.0
71 34.2 23.4 35.2

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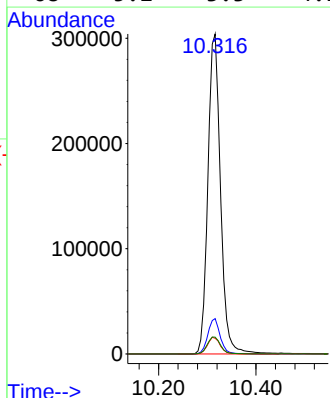
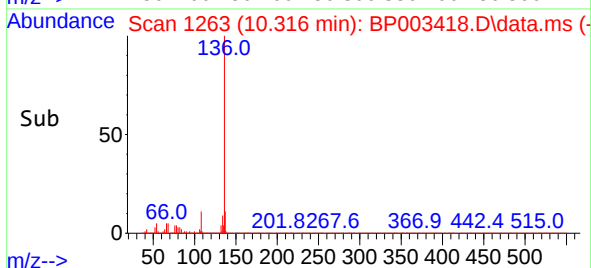
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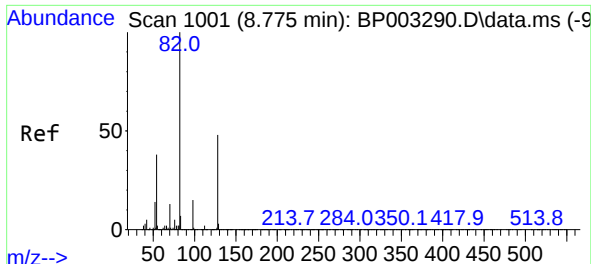


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.316 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47



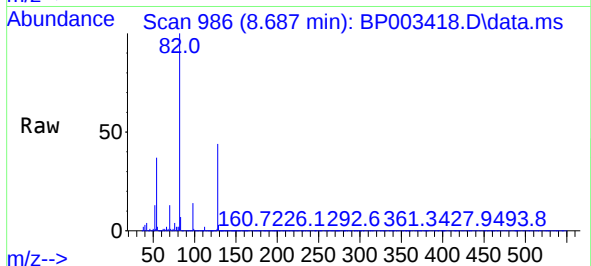
Tgt Ion: 136 Resp: 544797
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 4.9 3.6 5.4
68 5.2 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 69.44 ng
RT: 8.687 min Scan# 986
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

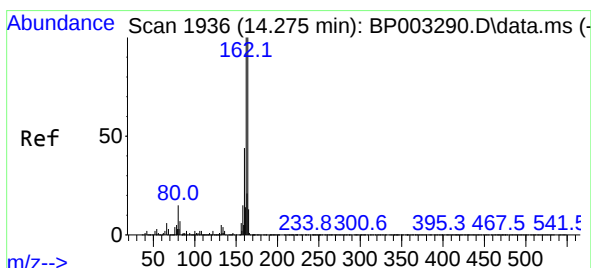
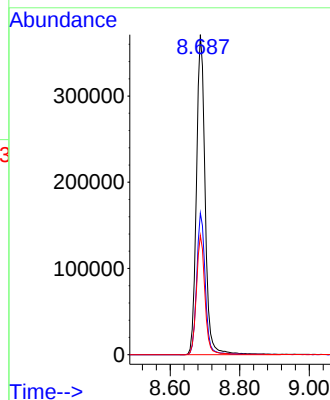
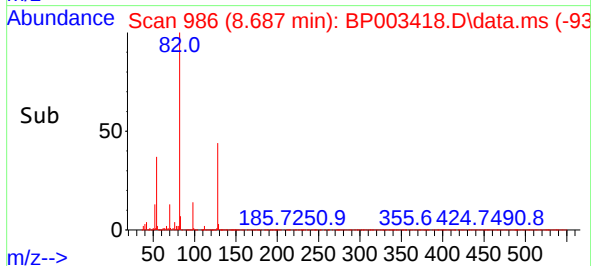
Instrument :
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ClientSampleId :
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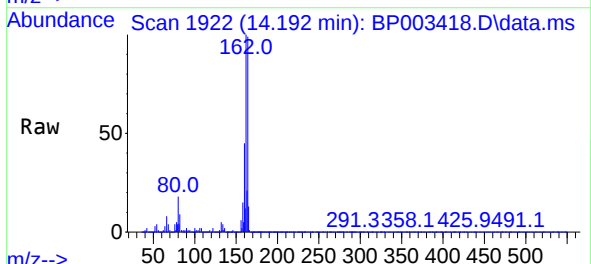
Tgt Ion: 82 Resp: 643939
Ion Ratio Lower Upper
82 100
128 44.3 45.6 68.4#
54 37.3 30.1 45.1

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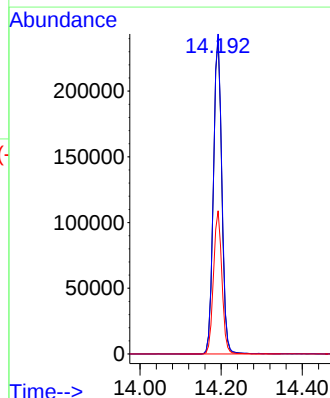
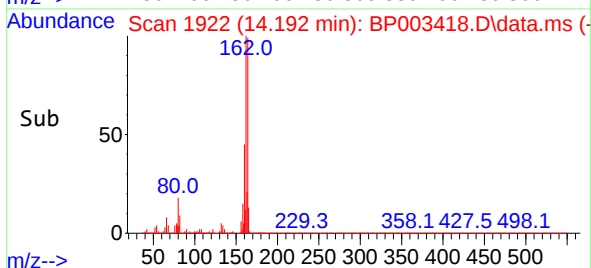
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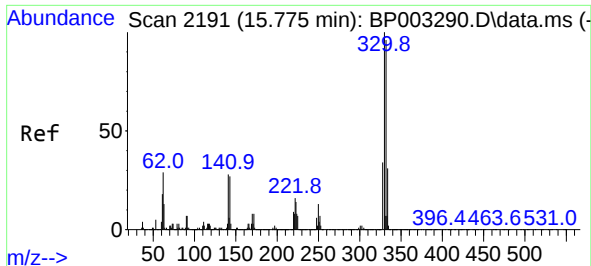


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.192 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47



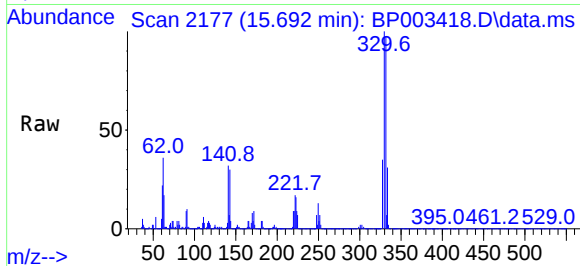
Tgt Ion: 164 Resp: 342822
Ion Ratio Lower Upper
164 100
162 101.5 79.4 119.2
160 45.4 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 74.38 ng
RT: 15.692 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

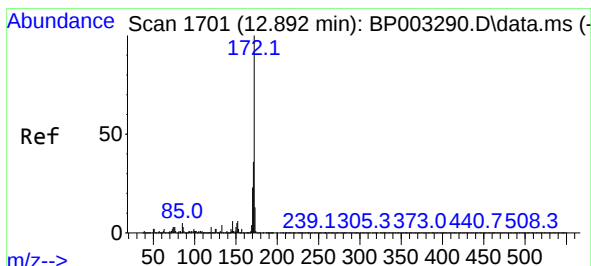
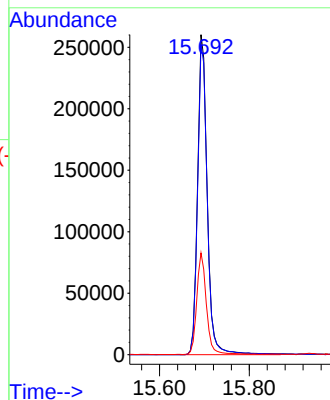
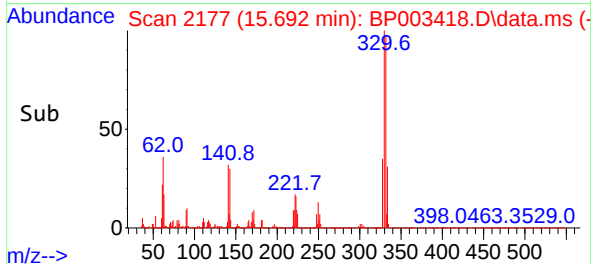
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B-10(12-14)



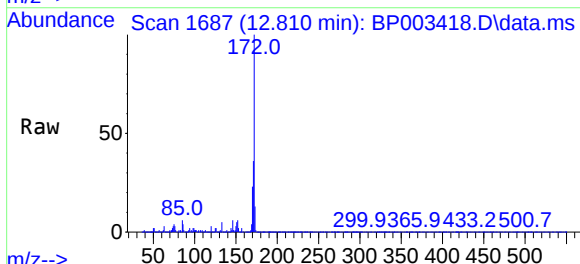
Tgt Ion:330 Resp: 388915
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 31.8 23.4 35.2

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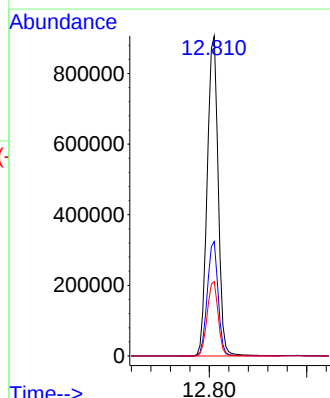
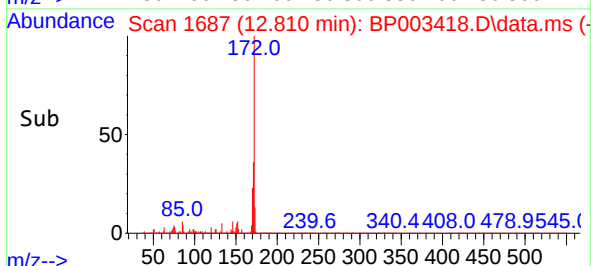
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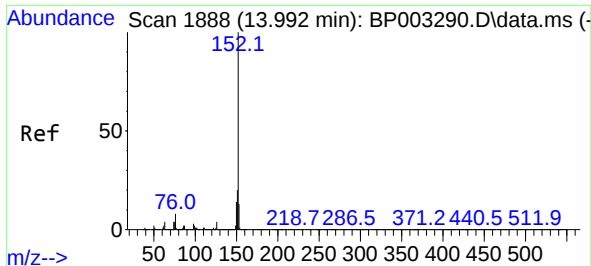


#45
2-Fluorobiphenyl
Concen: 60.12 ng
RT: 12.810 min Scan# 1687
Delta R.T. 0.006 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47



Tgt Ion:172 Resp: 1409288
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.3 19.2 28.8





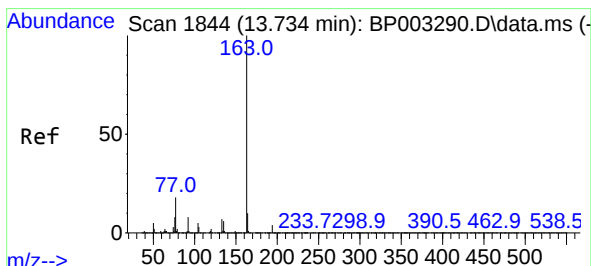
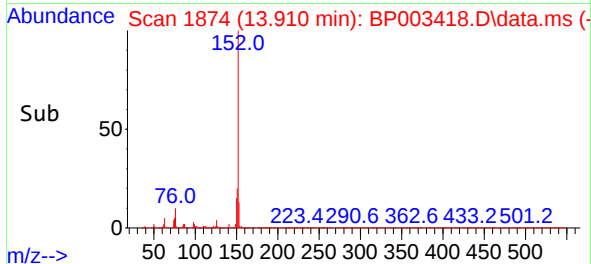
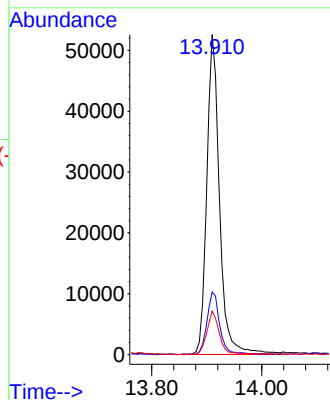
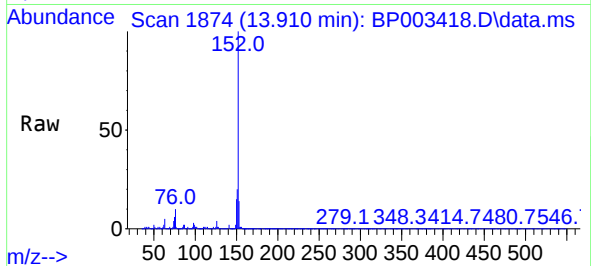
#49
Acenaphthylene
Concen: 2.61 ng
RT: 13.910 min Scan# 1874
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:	152	Resp:	84570
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.9	23.9
153	13.7	10.5	15.7

Instrument :
BNA_P
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B-10(12-14)

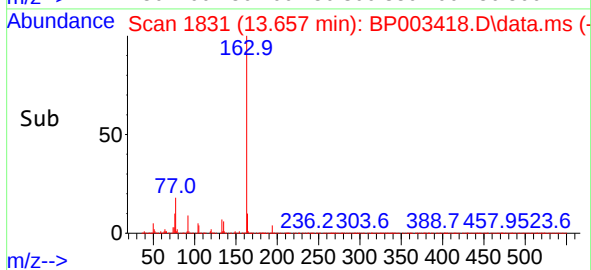
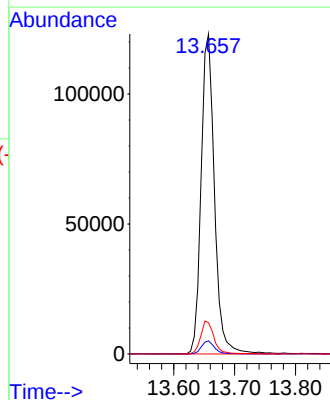
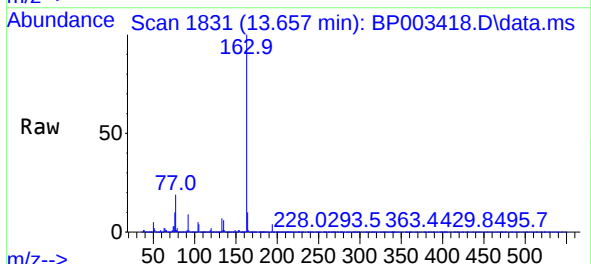
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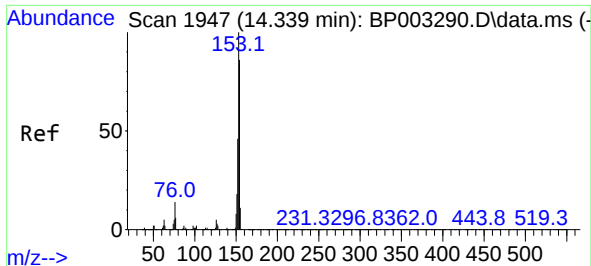
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#50
Dimethylphthalate
Concen: 6.82 ng
RT: 13.657 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:	163	Resp:	186693
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.3	4.9
164	9.7	8.2	12.2





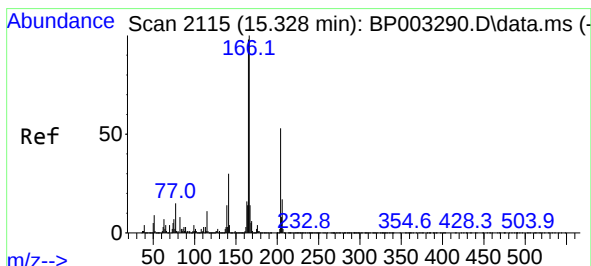
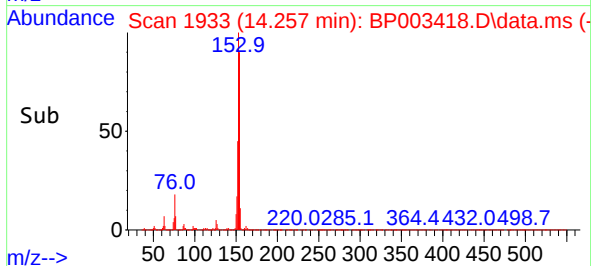
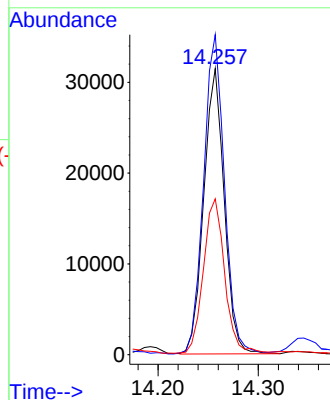
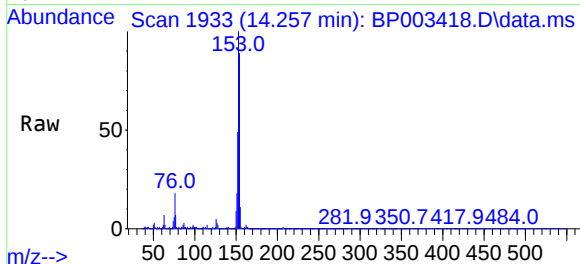
#52
Acenaphthene
Concen: 2.27 ng
RT: 14.257 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:	154	Resp:	44783
Ion	Ratio	Lower	Upper
154	100		
153	111.8	91.0	136.6
152	54.5	43.0	64.6

Instrument :
BNA_P
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B-10(12-14)

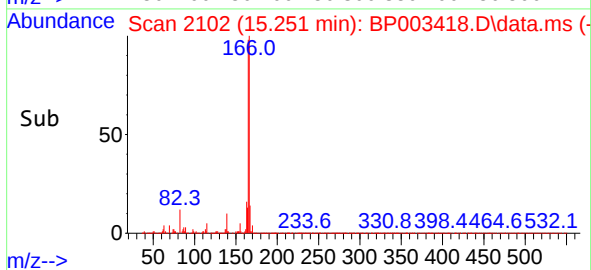
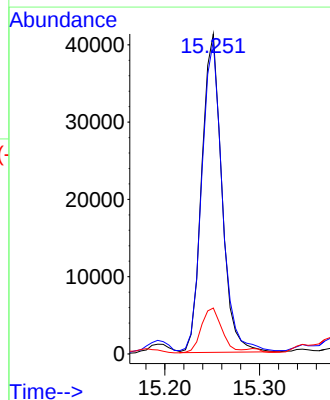
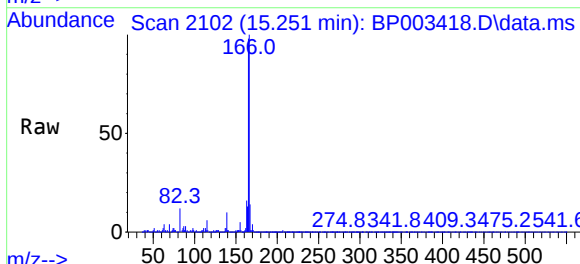
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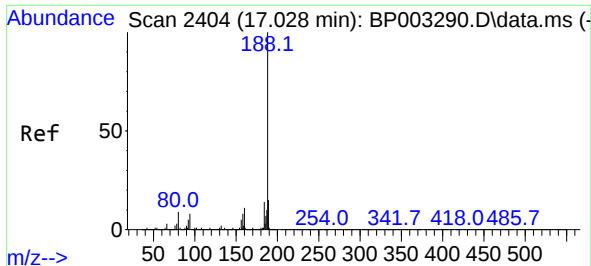
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#58
Fluorene
Concen: 2.43 ng
RT: 15.251 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:	166	Resp:	60273
Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.8	116.8
167	14.4	11.0	16.4





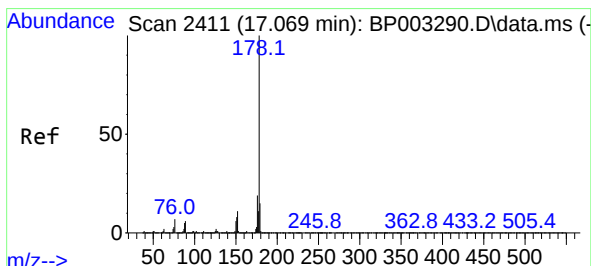
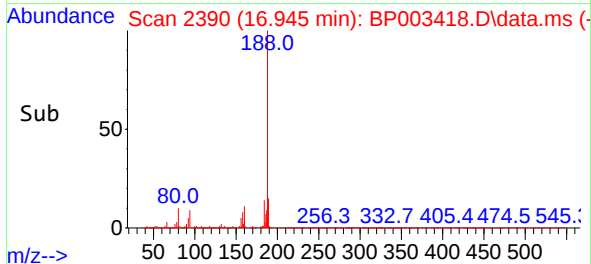
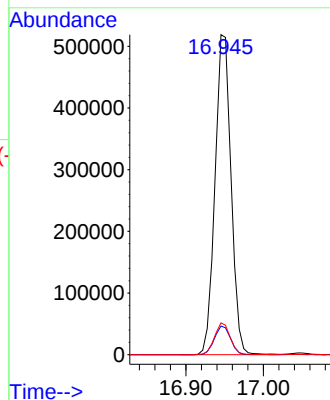
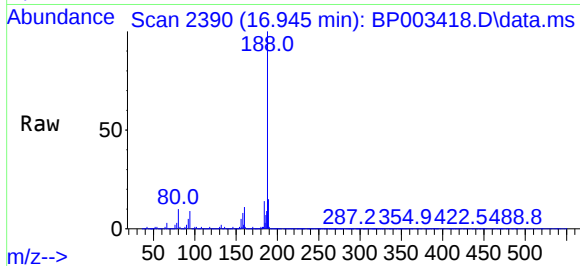
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.945 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.2	9.2
80	10.0	6.2	9.2#

Instrument :
BNA_P
ClientSampleId :
B-10(12-14)

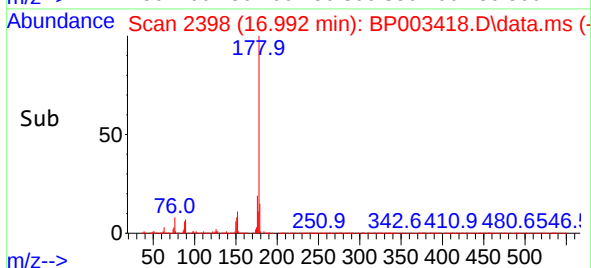
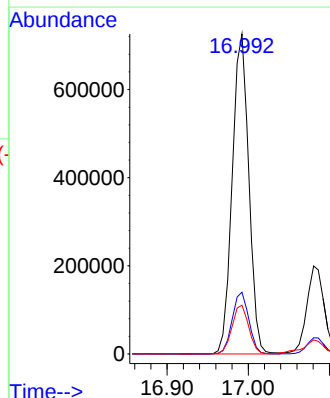
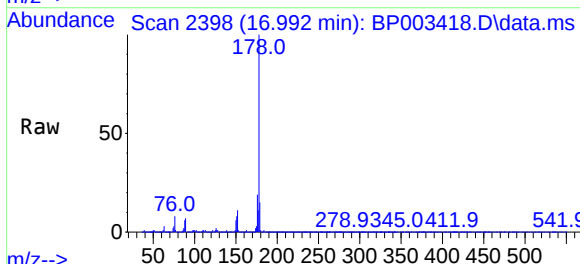
Manual Integrations
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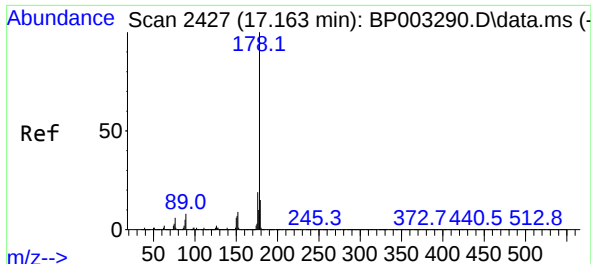
mohammad
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#71
Phenanthrene
Concen: 25.31 ng
RT: 16.992 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

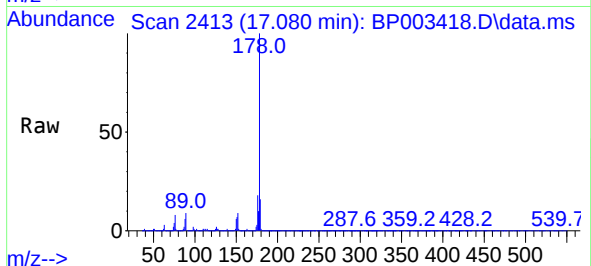
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.2	12.5	18.7





#72
 Anthracene
 Concen: 7.32 ng
 RT: 17.080 min Scan# 2413
 Delta R.T. -0.000 min
 Lab File: BP003418.D
 Acq: 30 Sep 2020 17:47

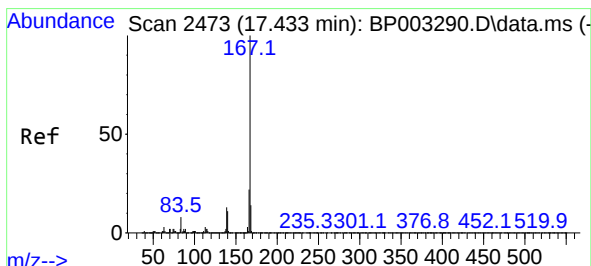
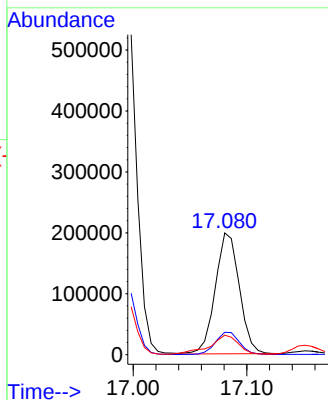
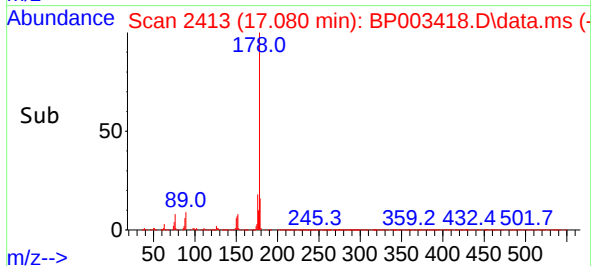
Instrument :
 BNA_P
 ClientSampleId :
 B-10(12-14)



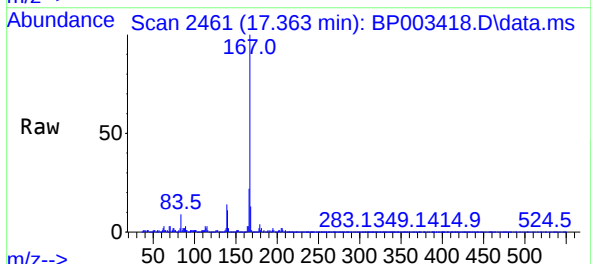
Tgt Ion:178 Resp: 292396
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.0 22.4
 179 16.1 12.5 18.7

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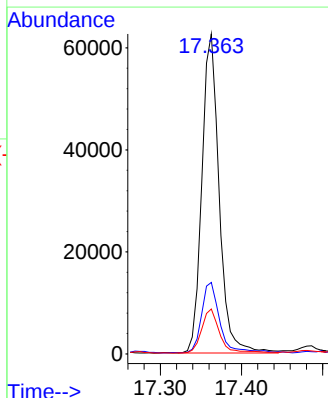
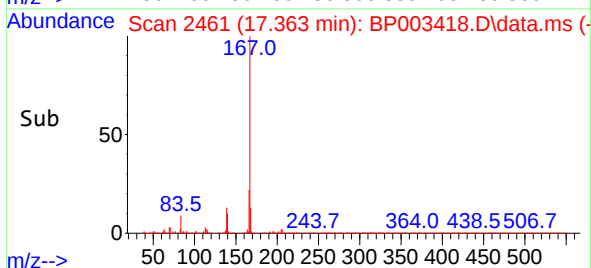
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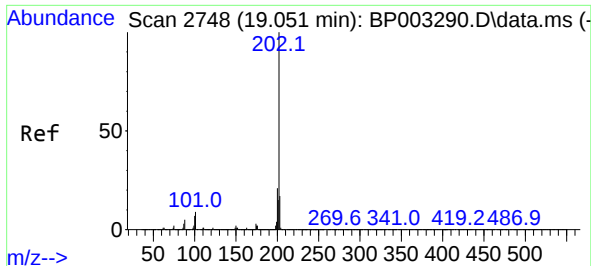


#73
 Carbazole
 Concen: 2.44 ng
 RT: 17.363 min Scan# 2461
 Delta R.T. -0.000 min
 Lab File: BP003418.D
 Acq: 30 Sep 2020 17:47



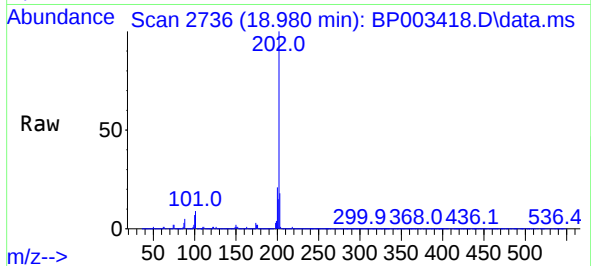
Tgt Ion:167 Resp: 92495
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 14.0 10.2 15.4





#75
Fluoranthene
Concen: 46.03 ng
RT: 18.980 min Scan# 2736
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

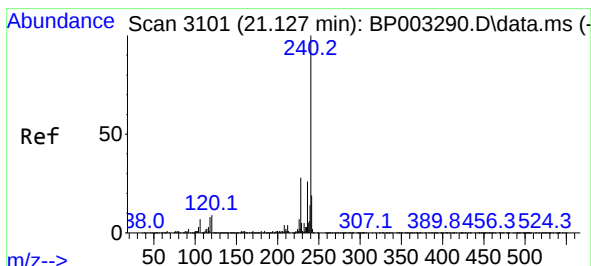
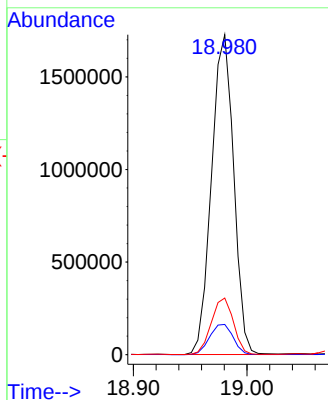
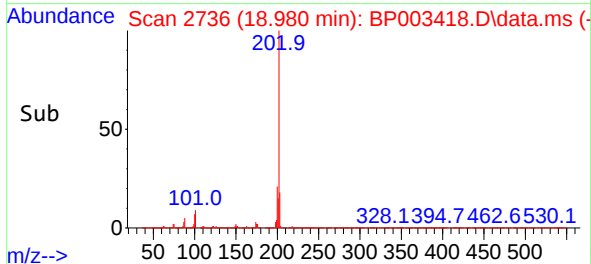
Instrument :
BNA_P
ClientSampleId :
B-10(12-14)



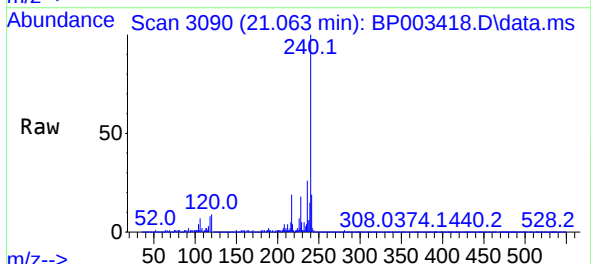
Tgt Ion:202 Resp: 2347004
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.4
203 17.7 0.0 37.8

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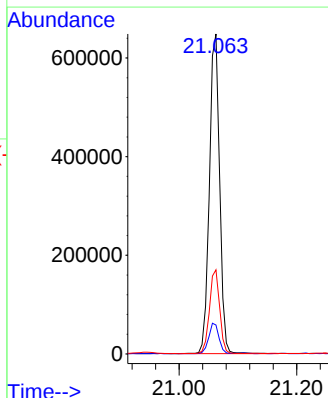
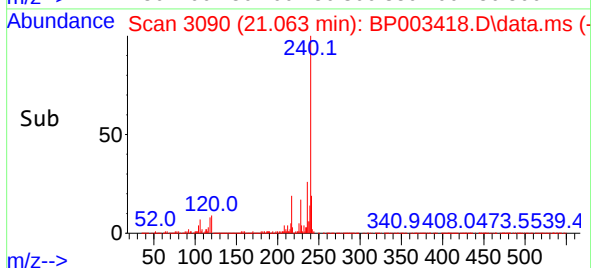
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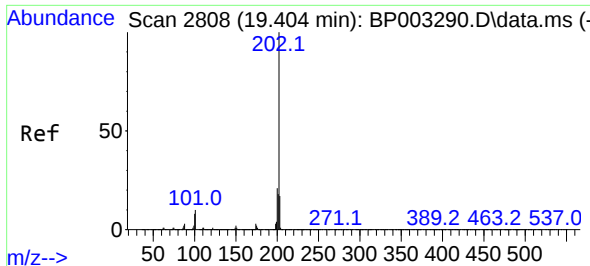


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.063 min Scan# 3090
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47



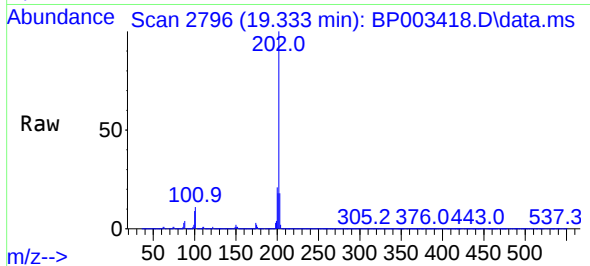
Tgt Ion:240 Resp: 779829
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.6
236 26.3 20.8 31.2





#78
Pyrene
Concen: 40.68 ng
RT: 19.333 min Scan# 2796
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

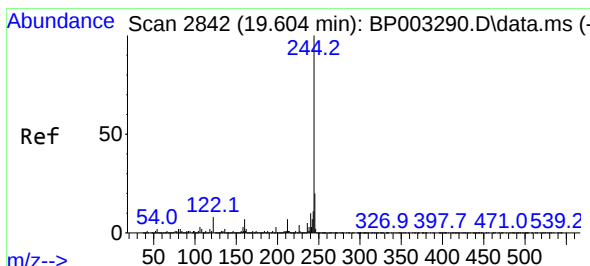
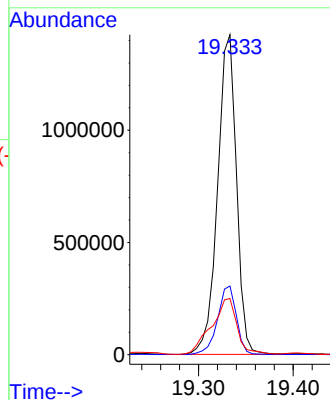
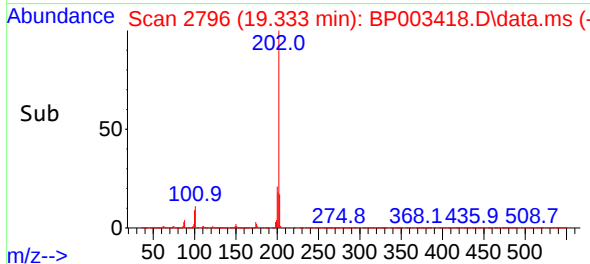
Instrument :
BNA_P
ClientSampleId :
B-10(12-14)



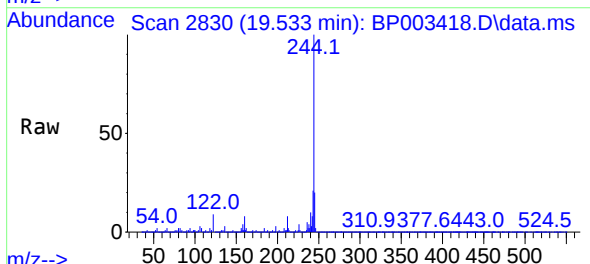
Tgt Ion:202 Resp: 1978409
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.6 14.2 21.2

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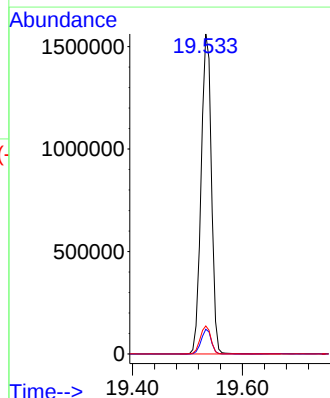
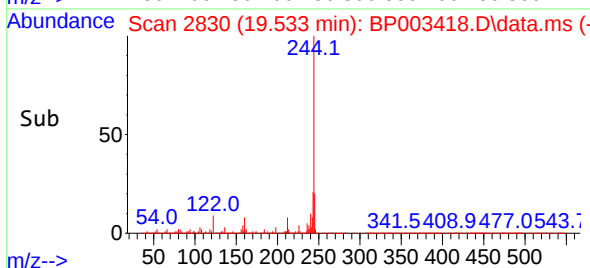
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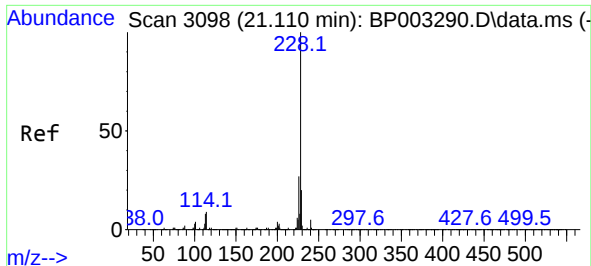


#79
Terphenyl-d14
Concen: 54.28 ng
RT: 19.533 min Scan# 2830
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47



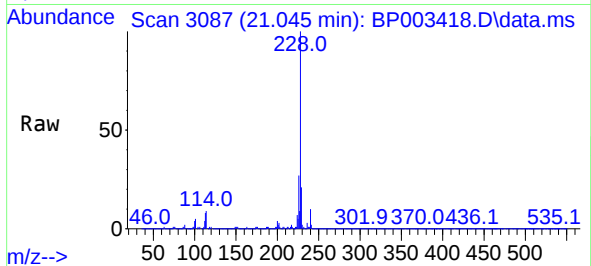
Tgt Ion:244 Resp: 2031518
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 8.8 7.8 11.8





#81
Benzo(a)anthracene
Concen: 24.75 ng
RT: 21.045 min Scan# 3087
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

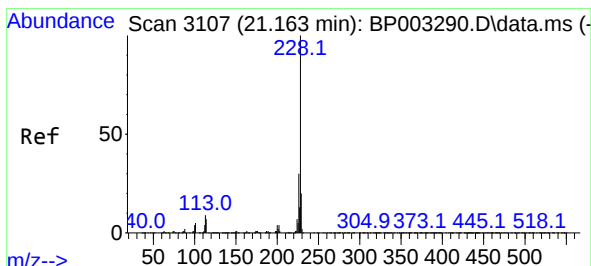
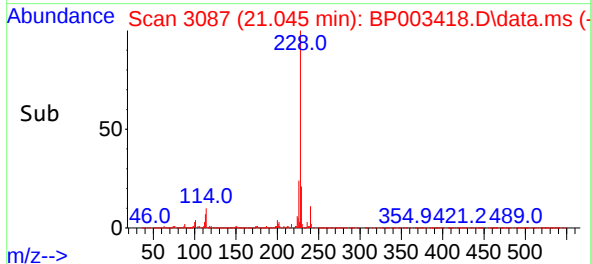
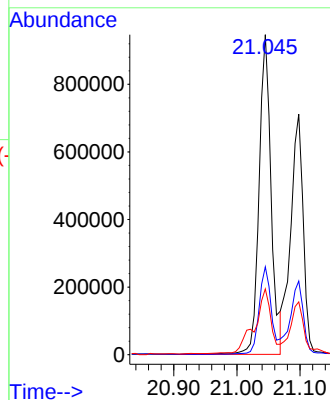
Instrument :
BNA_P
ClientSampleId :
B-10(12-14)



Tgt Ion:228 Resp: 1247796
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 20.6 15.9 23.9

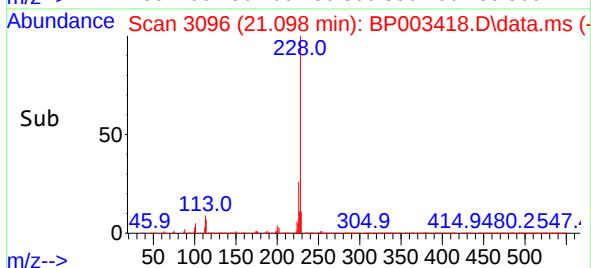
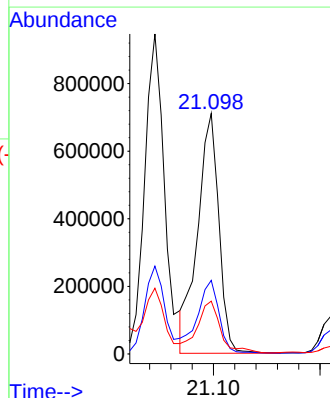
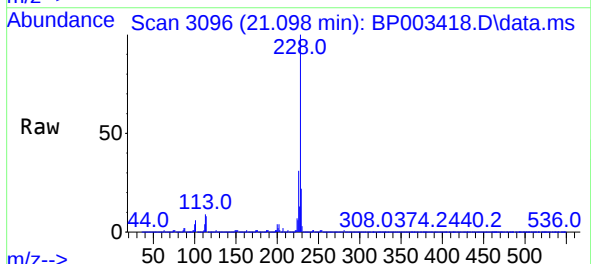
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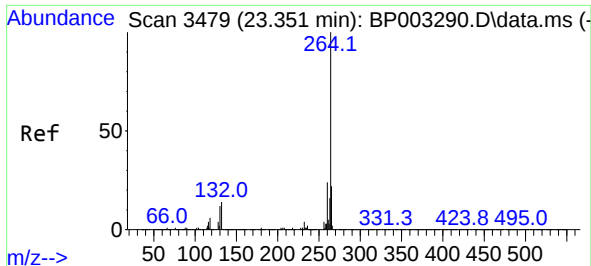
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#83
Chrysene
Concen: 20.45 ng
RT: 21.098 min Scan# 3096
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

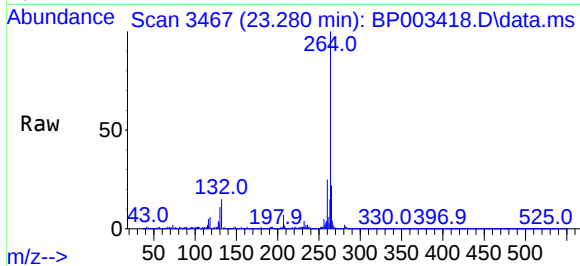
Tgt Ion:228 Resp: 990333
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 22.0 15.8 23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.280 min Scan# 3467
Delta R.T. 0.023 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

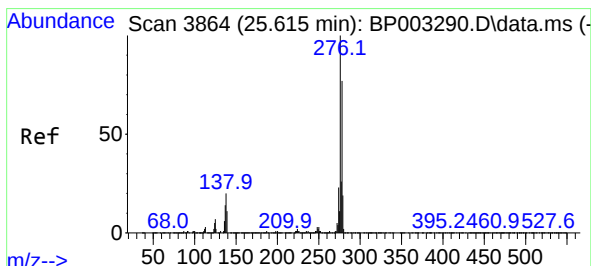
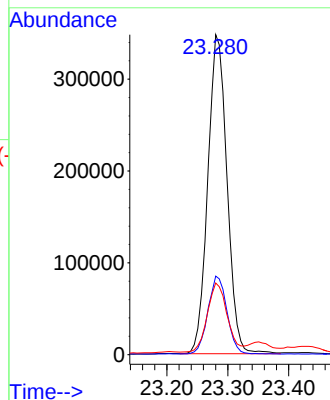
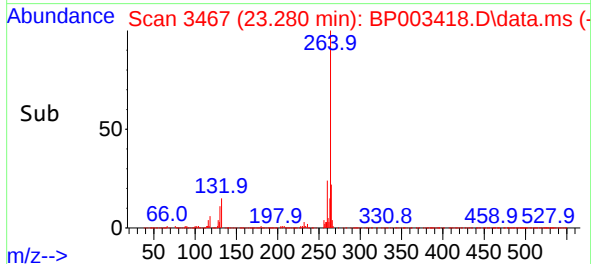
Instrument :
BNA_P
ClientSampleId :
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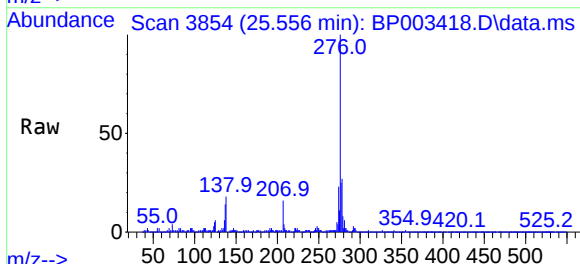
Tgt Ion:264 Resp: 763266
Ion Ratio Lower Upper
264 100
260 24.5 18.8 28.2
265 22.4 17.4 26.2

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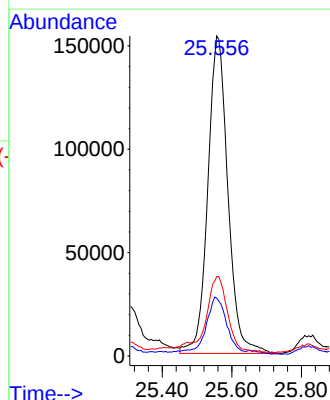
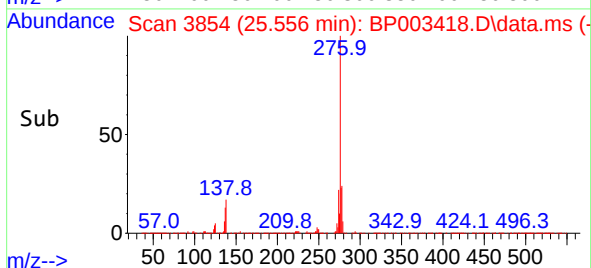
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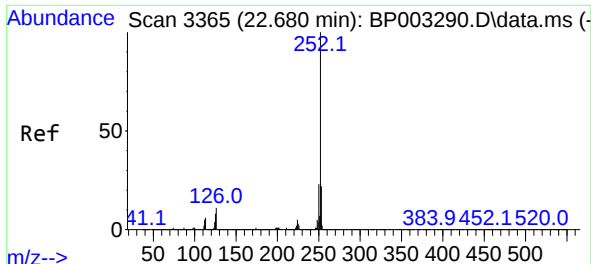


#87
Indeno(1,2,3-cd)pyrene
Concen: 10.66 ng
RT: 25.556 min Scan# 3854
Delta R.T. 0.059 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

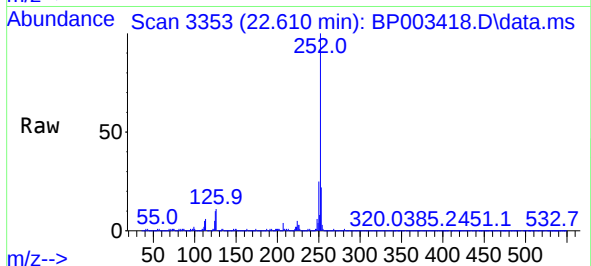


Tgt Ion:276 Resp: 616661
Ion Ratio Lower Upper
276 100
138 17.6 18.7 28.1#
277 24.2 20.4 30.6

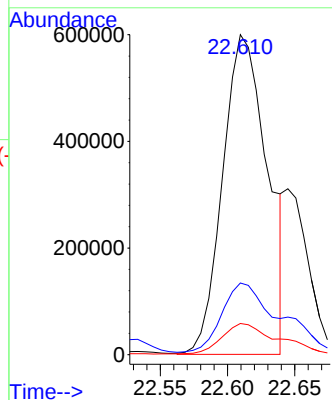




#88
Benzo(b)fluoranthene
Concen: 28.76 ng m
RT: 22.610 min Scan# 3353
Delta R.T. 0.017 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47



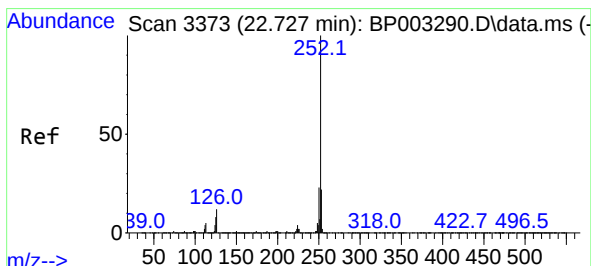
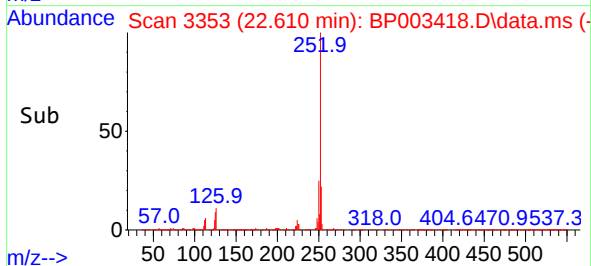
Tgt Ion:252 Resp: 1386096
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 9.7 7.3 10.9



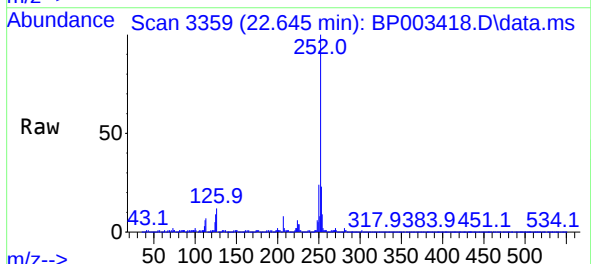
Instrument :
BNA_P
ClientSampleId :
B-10(12-14)

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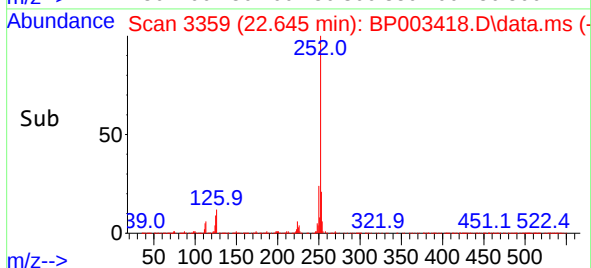
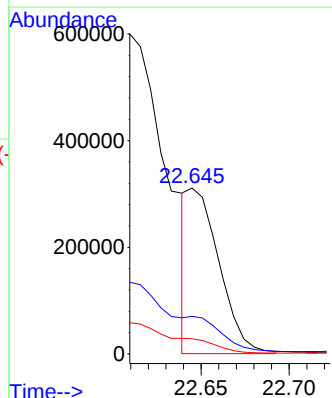
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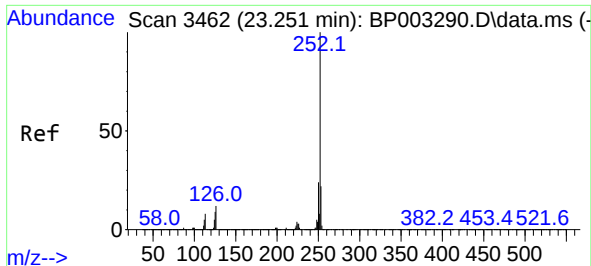


#89
Benzo(k)fluoranthene
Concen: 8.27 ng m
RT: 22.645 min Scan# 3359
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47



Tgt Ion:252 Resp: 382109
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 9.2 7.4 11.2





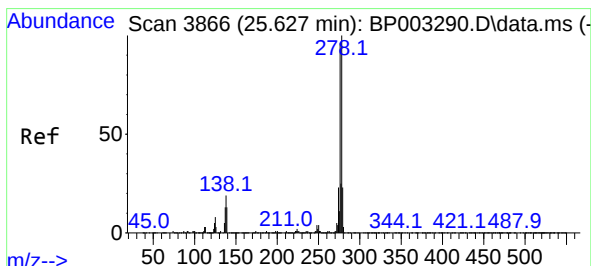
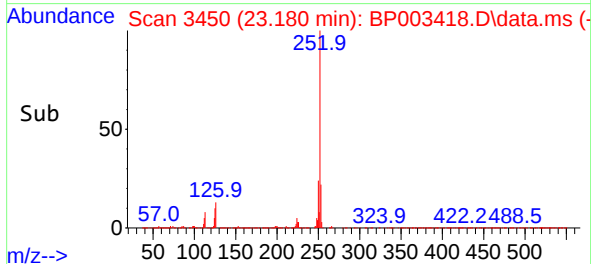
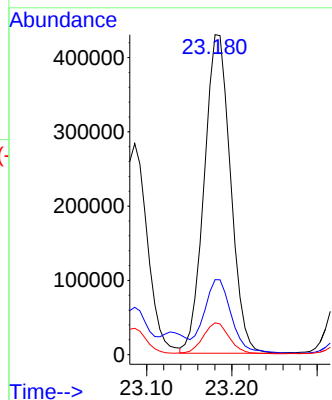
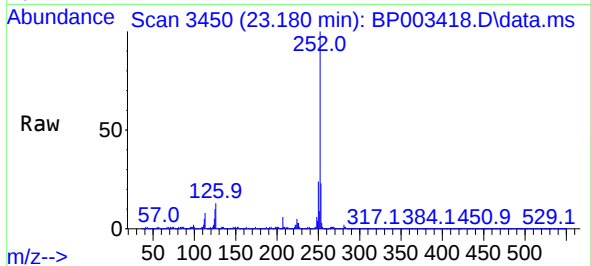
#90
Benzo(a)pyrene
Concen: 20.29 ng
RT: 23.180 min Scan# 3450
Delta R.T. 0.017 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:252 Resp: 922008
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.0
125 10.0 8.2 12.4

Instrument :
BNA_P
ClientSampleId :
B-10(12-14)

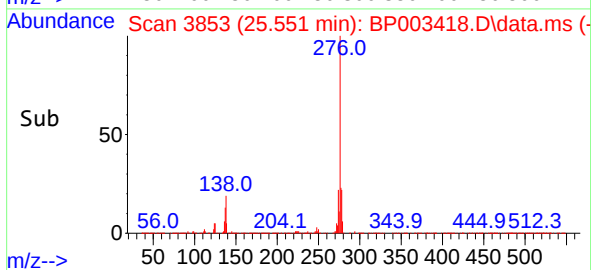
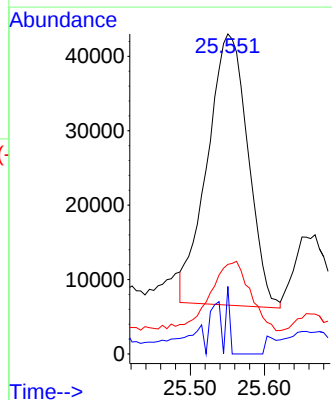
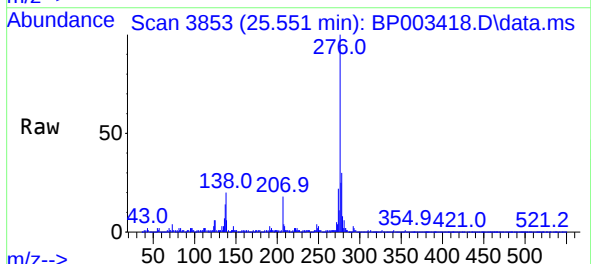
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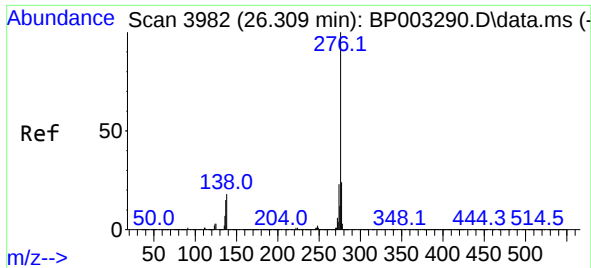
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#91
Dibenzo(a,h)anthracene
Concen: 2.91 ng
RT: 25.551 min Scan# 3853
Delta R.T. 0.041 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

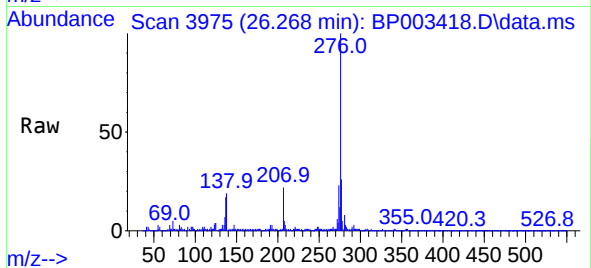
Tgt Ion:278 Resp: 138768
Ion Ratio Lower Upper
278 100
139 21.1 12.4 18.6#
279 28.0 19.0 28.6





#92
Benzo(g,h,i)perylene
Concen: 11.03 ng
RT: 26.268 min Scan# 3975
Delta R.T. 0.070 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Instrument :
BNA_P
ClientSampleId :
B-10(12-14)



Tgt Ion:276 Resp: 525698
Ion Ratio Lower Upper
276 100
277 25.6 19.0 28.6
138 18.8 16.6 24.8

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