

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
 Data File : BP003406.D
 Acq On : 29 Sep 2020 19:03
 Operator : CG/JU
 Sample : L4154-08DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-5(5-7)DL

Manual Integrations
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Quant Time: Sep 30 01:19:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 17:55:44 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	74818	20.00	ng	0.00
21) Naphthalene-d8	10.322	136	328082	20.00	ng	# 0.00
39) Acenaphthene-d10	14.198	164	213544	20.00	ng	-0.01
64) Phenanthrene-d10	16.957	188	486806	20.00	ng	# 0.00
76) Chrysene-d12	21.063	240	615939	20.00	ng	-0.01
86) Perylene-d12	23.257	264	759168	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.163	112	79441	18.54	ng	0.00
7) Phenol-d6	6.752	99	105853	18.53	ng	0.00
23) Nitrobenzene-d5	8.699	82	70267	12.58	ng	0.00
42) 2,4,6-Tribromophenol	15.704	330	40006	12.28	ng	0.00
45) 2-Fluorobiphenyl	12.816	172	160486	10.99	ng	0.00
79) Terphenyl-d14	19.539	244	291339	9.86	ng	-0.01
Target Compounds						Qvalue
49) Acenaphthylene	13.922	152	74560	3.70	ng	98
52) Acenaphthene	14.263	154	34019	2.77	ng	98
58) Fluorene	15.257	166	49423	3.20	ng	98
71) Phenanthrene	16.998	178	807053	30.47	ng	100
72) Anthracene	17.092	178	219481	8.41	ng	99
73) Carbazole	17.369	167	88834	3.58	ng	100
75) Fluoranthene	18.986	202	1395860	41.91	ng	99
78) Pyrene	19.339	202	1241316	32.32	ng	100
81) Benzo(a)anthracene	21.045	228	783955	19.69	ng	99
83) Chrysene	21.098	228	657826	17.20	ng	98
87) Indeno(1,2,3-cd)pyrene	25.474	276	506744	8.81	ng	95
88) Benzo(b)fluoranthene	22.598	252	1045752m	21.81	ng	
89) Benzo(k)fluoranthene	22.633	252	313924m	6.83	ng	
90) Benzo(a)pyrene	23.157	252	783002	17.32	ng	97
91) Dibenzo(a,h)anthracene	25.468	278	137808m	2.90	ng	
92) Benzo(g,h,i)perylene	26.156	276	463726	9.78	ng	98

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

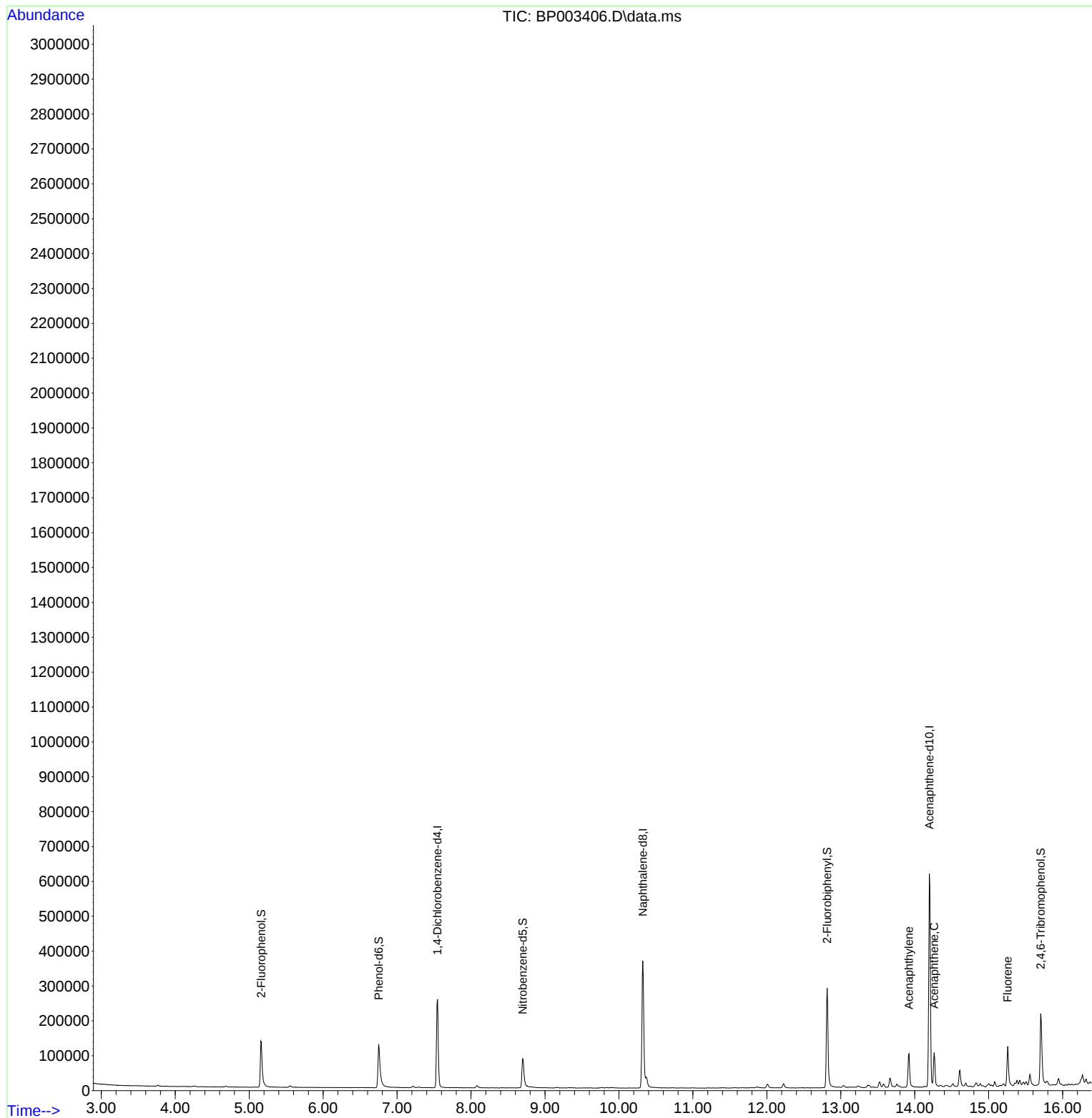
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
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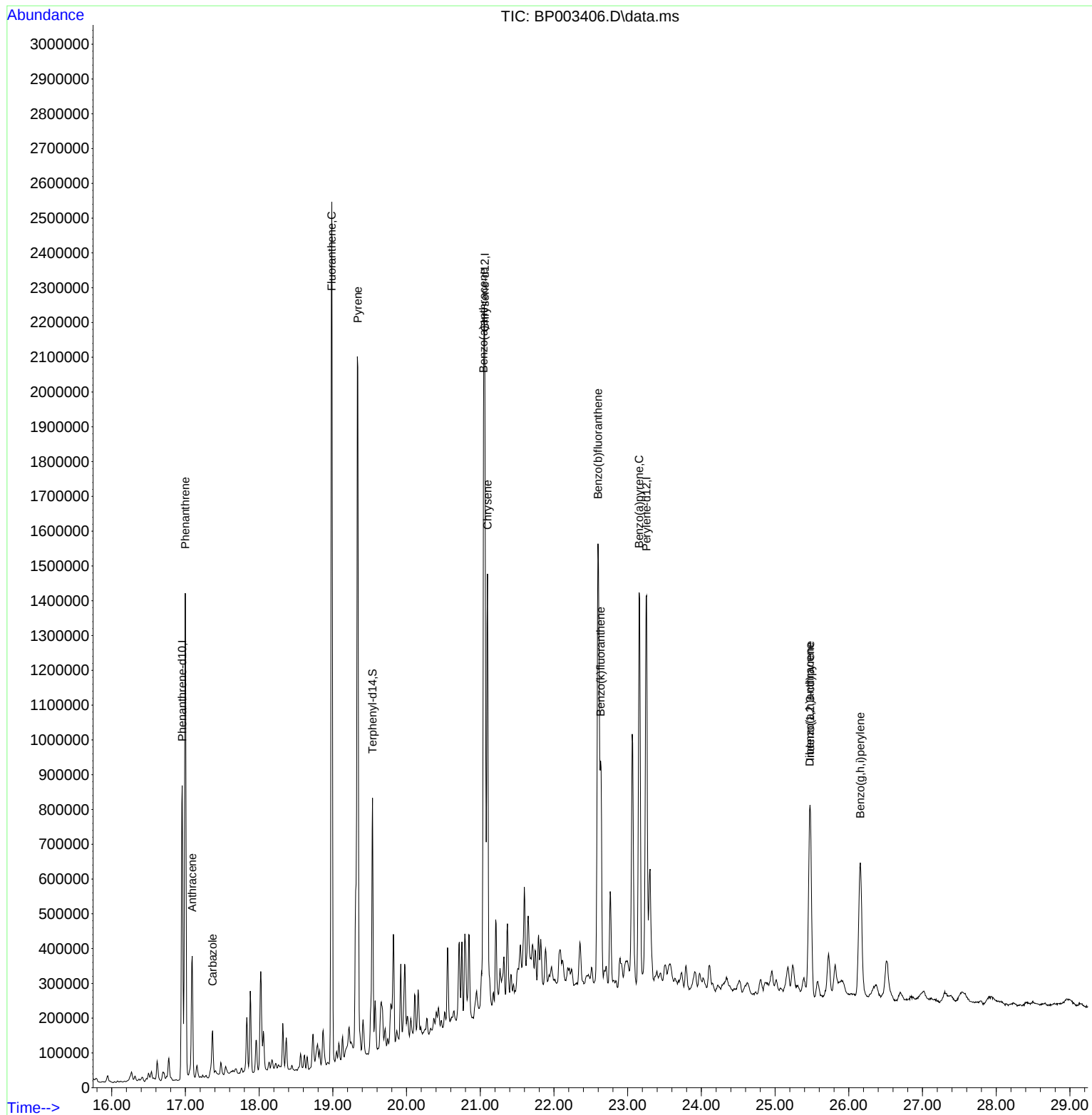
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Data File : BP003406.D
Acq On : 29 Sep 2020 19:03
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Sample : L4154-08DL 5X
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ALS Vial : 11 Sample Multiplier: 1

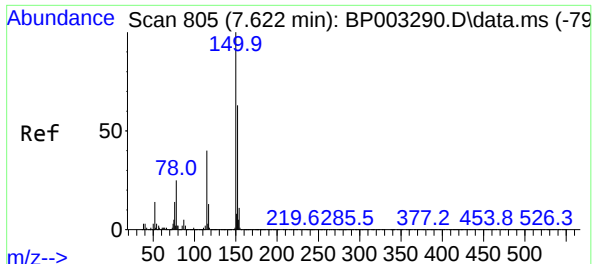
Instrument :
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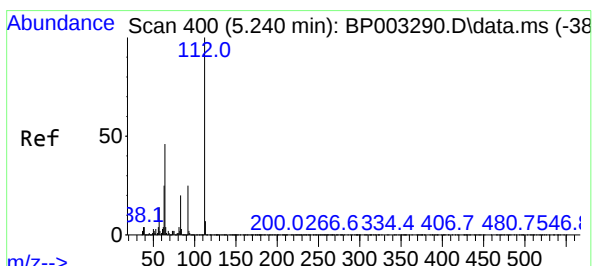
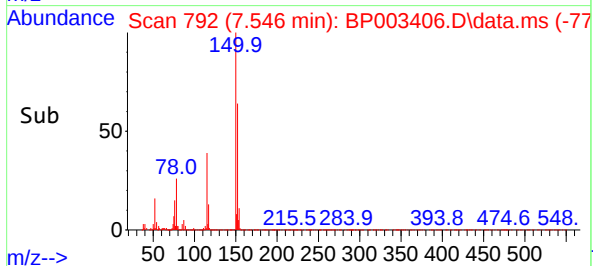
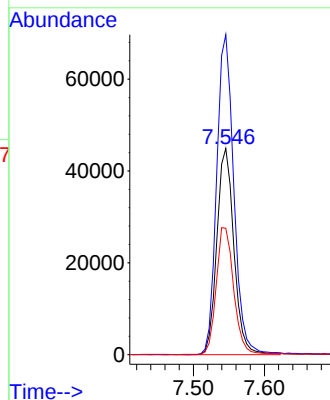
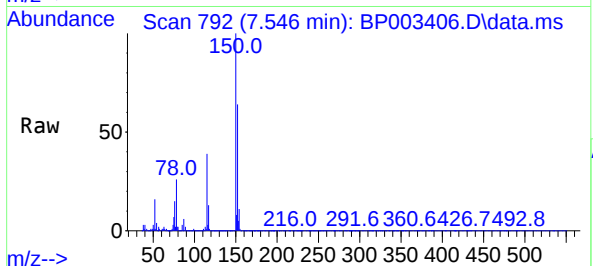
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.546 min Scan# 792
Delta R.T. -0.000 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03

Tgt Ion:	152	Resp:	74818
Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.8	185.6
115	61.3	43.8	65.6

Instrument :
BNA_P
ClientSampleId :
B-5(5-7)DL

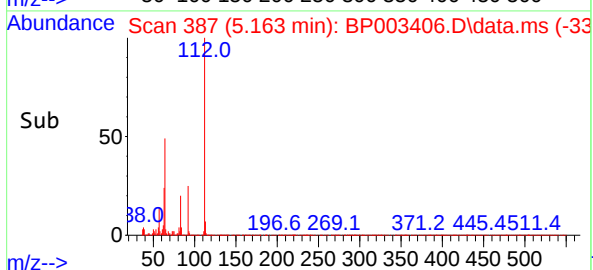
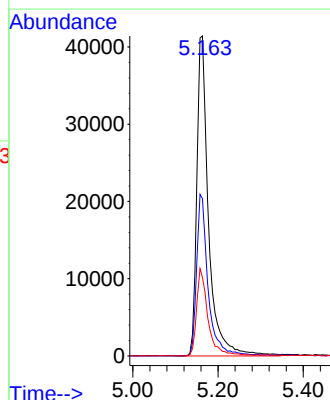
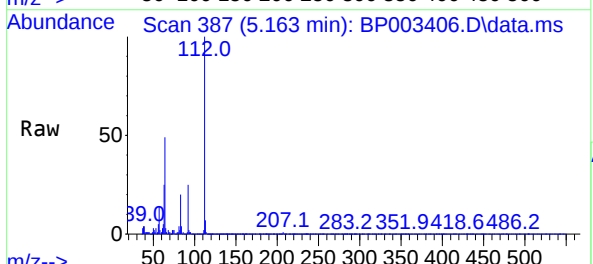
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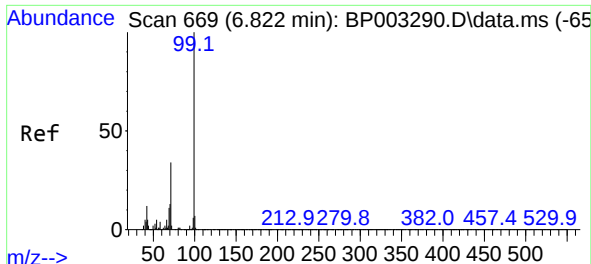
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#5
2-Fluorophenol
Concen: 18.54 ng
RT: 5.163 min Scan# 387
Delta R.T. 0.000 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03

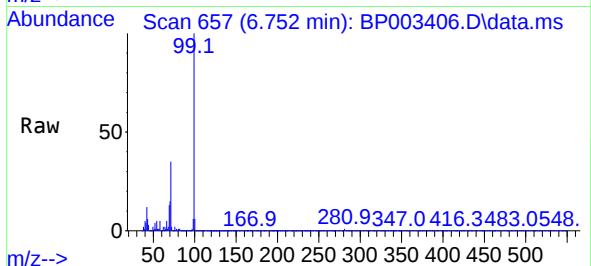
Tgt Ion:	112	Resp:	79441
Ion	Ratio	Lower	Upper
112	100		
64	49.2	32.8	49.2
63	24.5	17.0	25.4





#7
Phenol-d6
Concen: 18.53 ng
RT: 6.752 min Scan# 657
Delta R.T. 0.000 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03

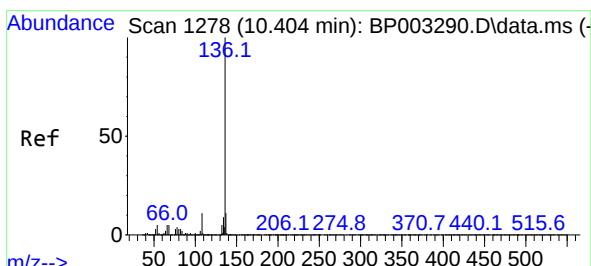
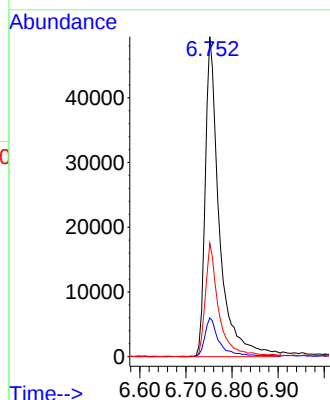
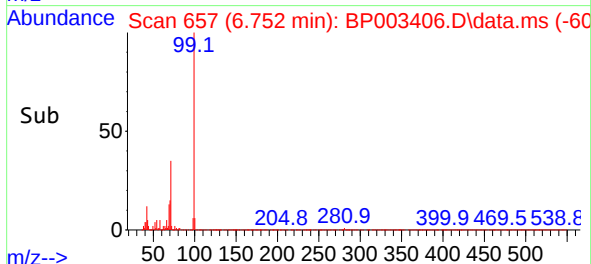
Instrument :
BNA_P
ClientSampleID :
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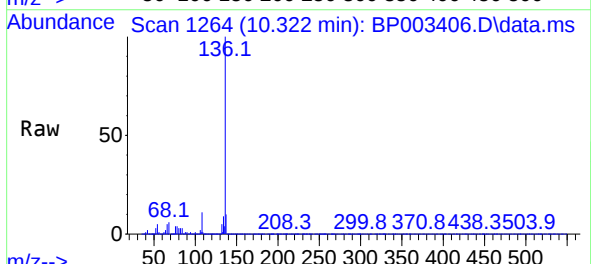
Tgt Ion: 99 Resp: 105853
Ion Ratio Lower Upper
99 100
42 12.1 8.6 13.0
71 35.5 23.4 35.2#

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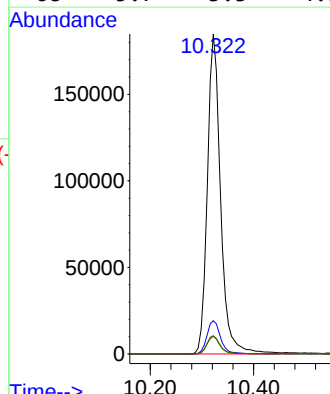
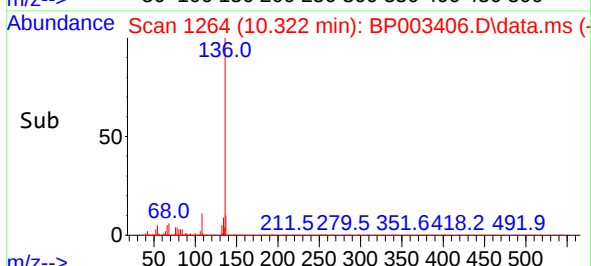
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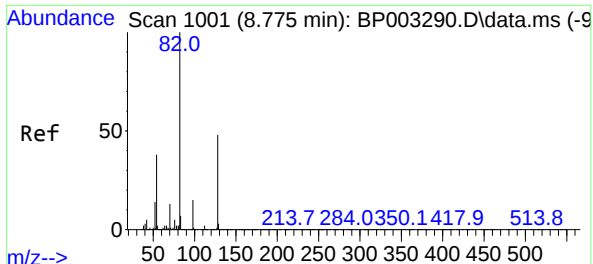


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.322 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03



Tgt Ion: 136 Resp: 328082
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 5.5 3.6 5.4#
68 5.7 3.3 4.9#





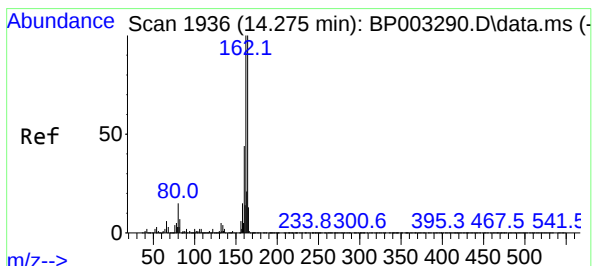
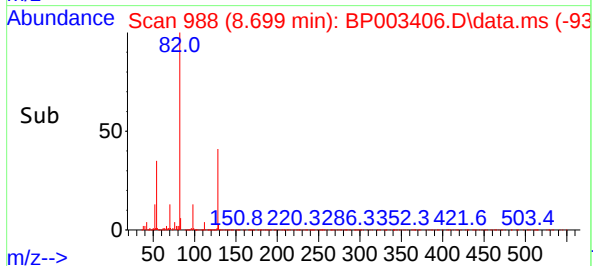
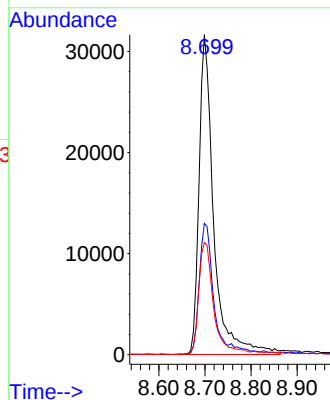
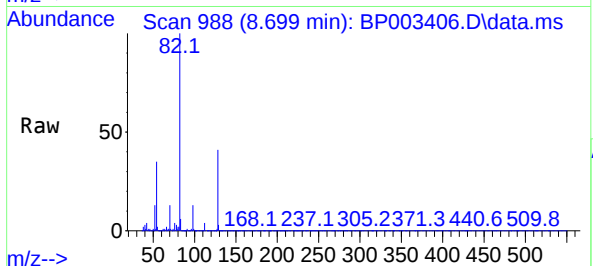
#23
Nitrobenzene-d5
Concen: 12.58 ng
RT: 8.699 min Scan# 988
Delta R.T. -0.006 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03

Tgt Ion: 82 Resp: 70267
Ion Ratio Lower Upper
82 100
128 41.0 45.6 68.4#
54 35.0 30.1 45.1

Instrument :
BNA_P
ClientSampled :
B-5(5-7)DL

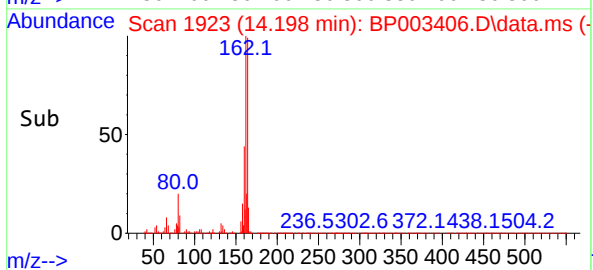
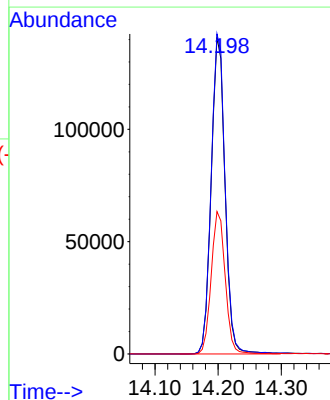
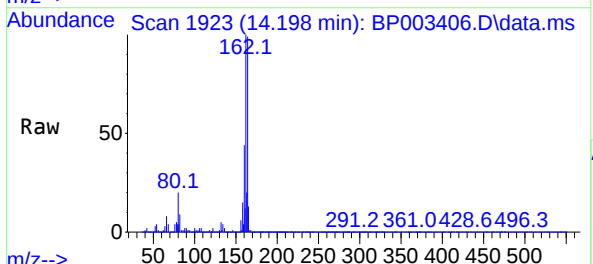
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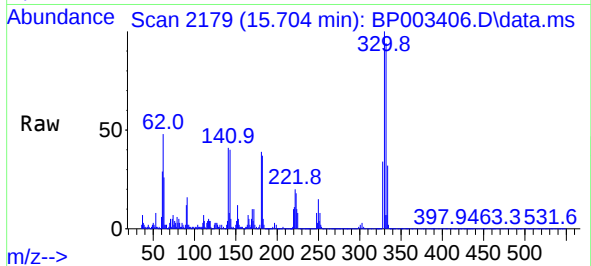
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.198 min Scan# 1923
Delta R.T. -0.012 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03

Tgt Ion: 164 Resp: 213544
Ion Ratio Lower Upper
164 100
162 101.1 79.4 119.2
160 45.0 36.1 54.1

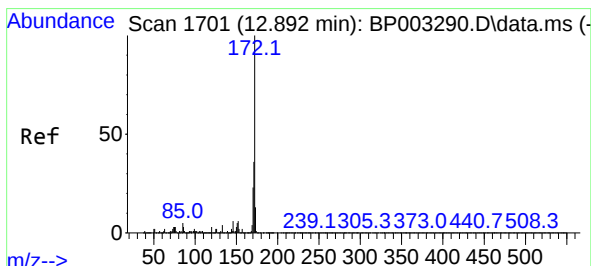
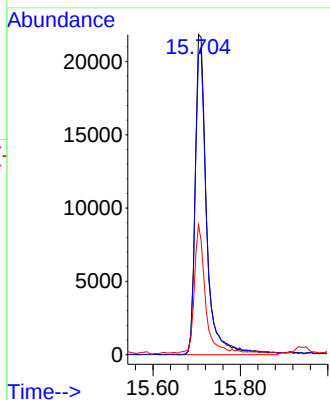
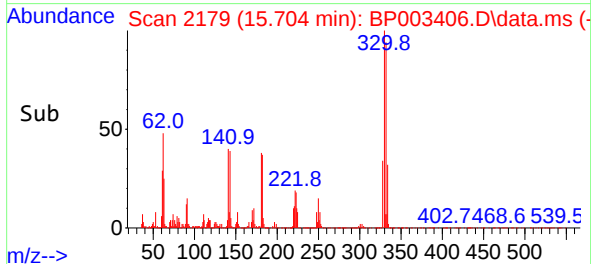




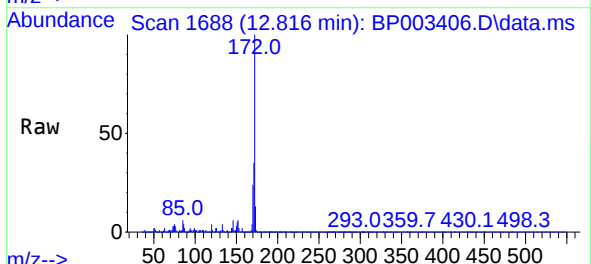
#42
2,4,6-Tribromophenol
Concen: 12.28 ng
RT: 15.704 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03



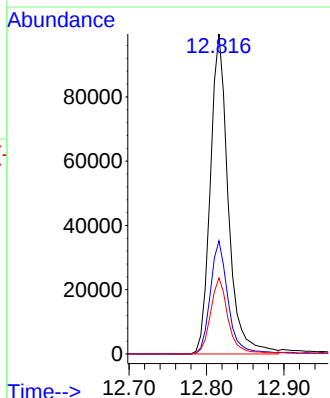
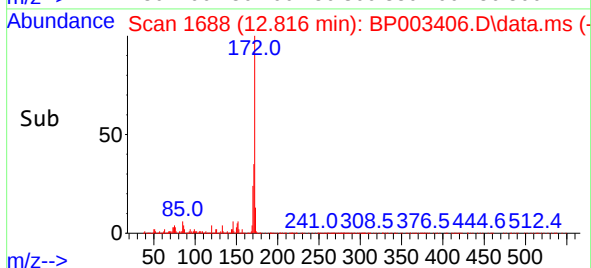
Tgt Ion:330 Resp: 40006
Ion Ratio Lower Upper
330 100
332 95.3 77.1 115.7
141 37.2 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 10.99 ng
RT: 12.816 min Scan# 1688
Delta R.T. -0.006 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03



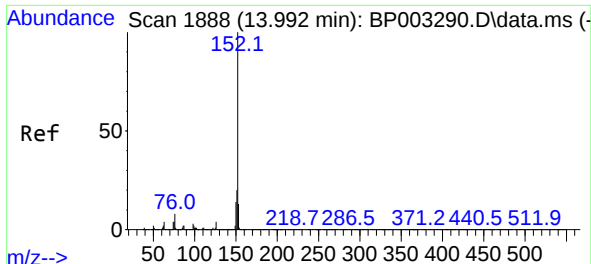
Tgt Ion:172 Resp: 160486
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.7 19.2 28.8



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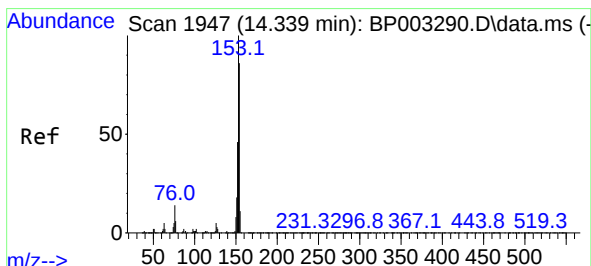
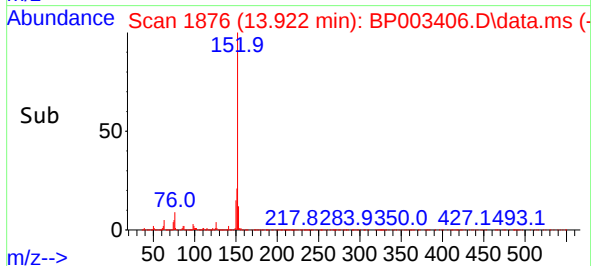
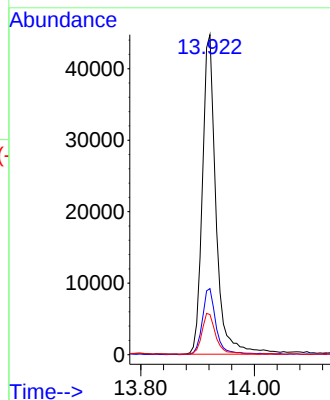
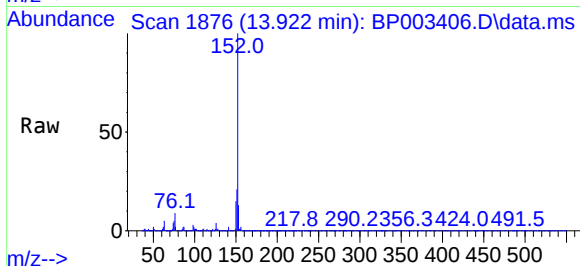
#49
Acenaphthylene
Concen: 3.70 ng
RT: 13.922 min Scan# 1876
Delta R.T. -0.006 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03

Tgt Ion:	152	Resp:	74560
Ion Ratio	Lower	Upper	
152	100		
151	20.7	15.9	23.9
153	12.5	10.5	15.7

Instrument :
BNA_P
ClientSampleID :
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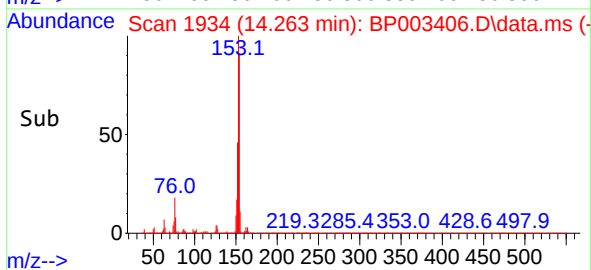
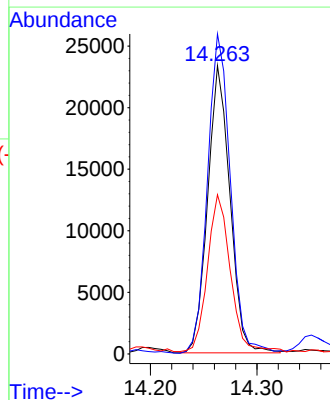
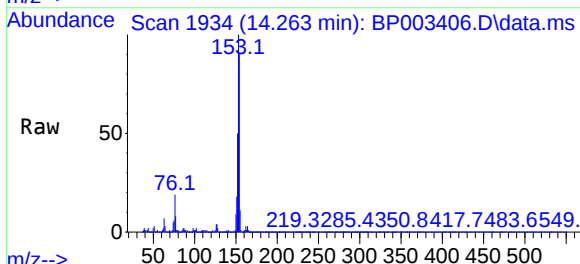
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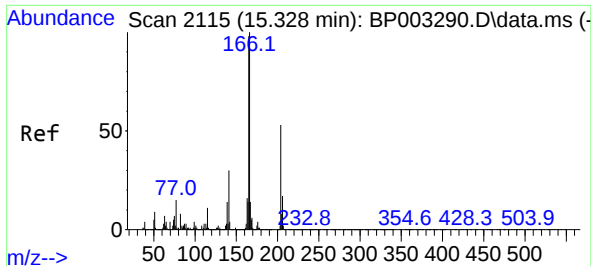
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#52
Acenaphthene
Concen: 2.77 ng
RT: 14.263 min Scan# 1934
Delta R.T. -0.012 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03

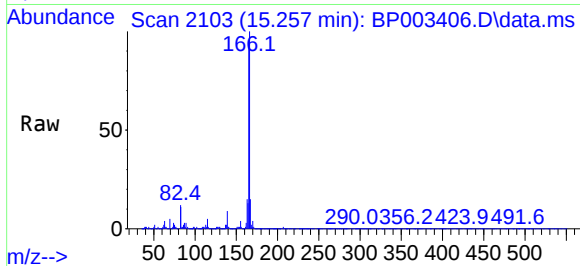
Tgt Ion:	154	Resp:	34019
Ion Ratio	Lower	Upper	
154	100		
153	111.0	91.0	136.6
152	55.2	43.0	64.6





#58
Fluorene
Concen: 3.20 ng
RT: 15.257 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03

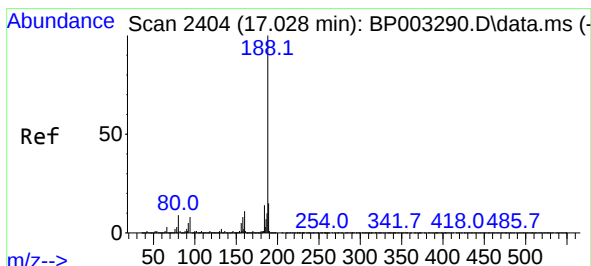
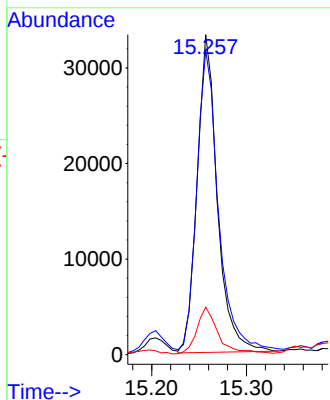
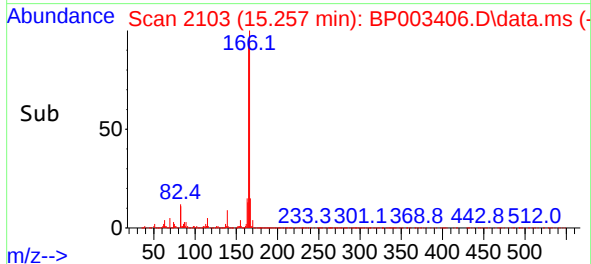
Instrument :
BNA_P
ClientSampleID :
B-5(5-7)DL



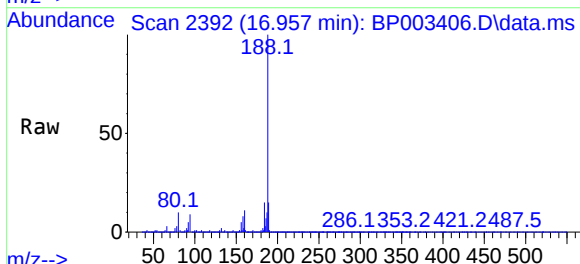
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Ion Ratio Lower Upper
166 100
165 95.0 77.8 116.8
167 14.9 11.0 16.4

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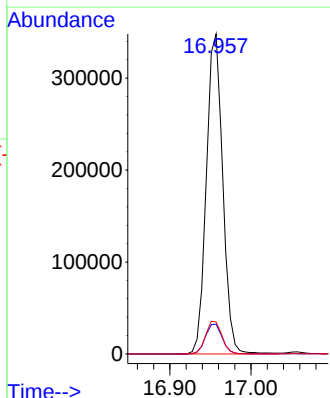
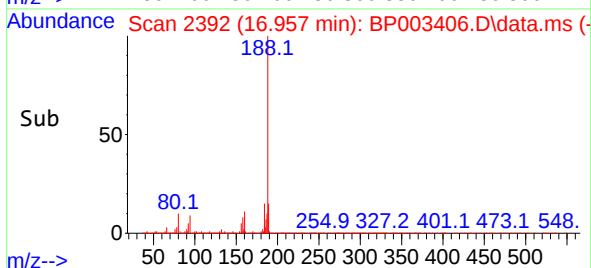
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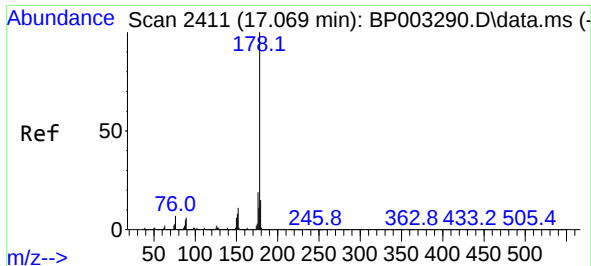


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.957 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03



Tgt Ion:188 Resp: 486806
Ion Ratio Lower Upper
188 100
94 9.3 6.2 9.2#
80 10.0 6.2 9.2#





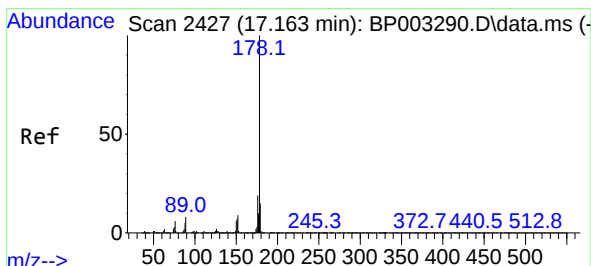
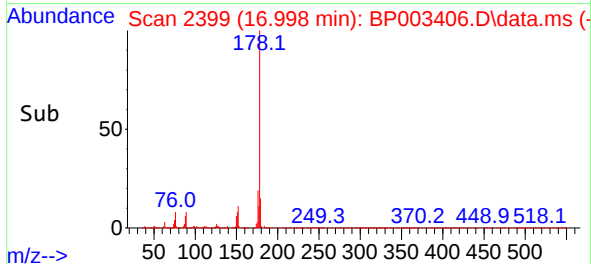
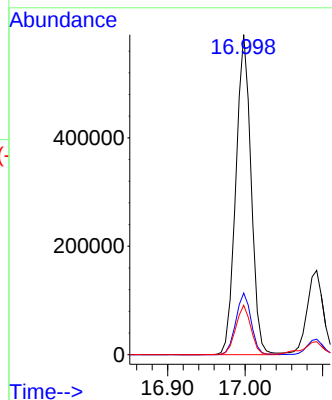
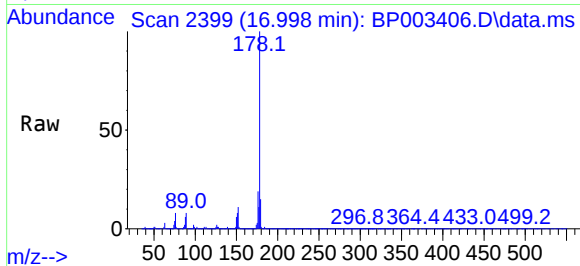
#71
Phenanthrene
Concen: 30.47 ng
RT: 16.998 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03

Tgt Ion:178 Resp: 807053
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.5 12.5 18.7

Instrument :
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ClientSampled :
B-5(5-7)DL

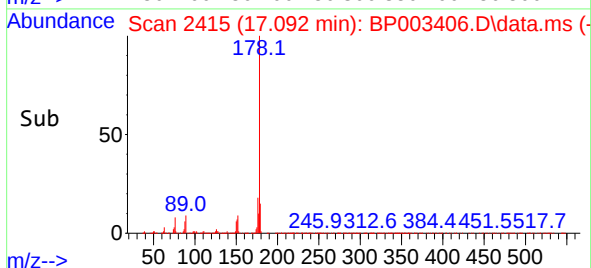
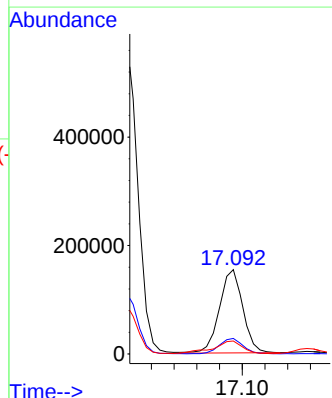
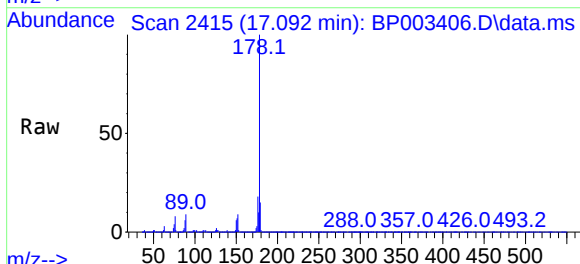
Manual Integrations
APPROVED

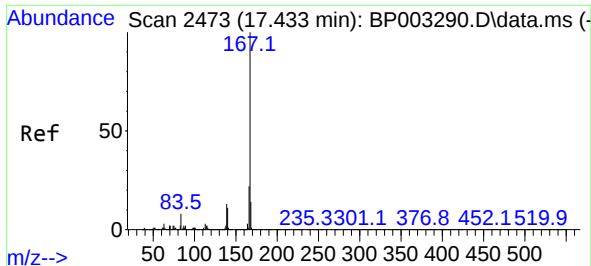
mohammad
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#72
Anthracene
Concen: 8.41 ng
RT: 17.092 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03

Tgt Ion:178 Resp: 219481
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.3 12.5 18.7





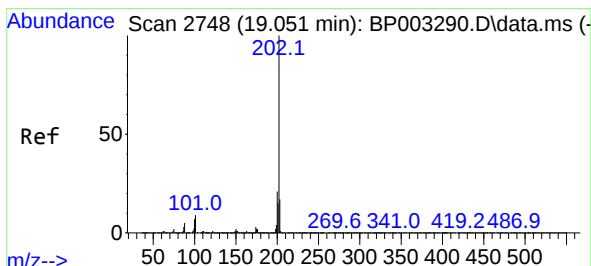
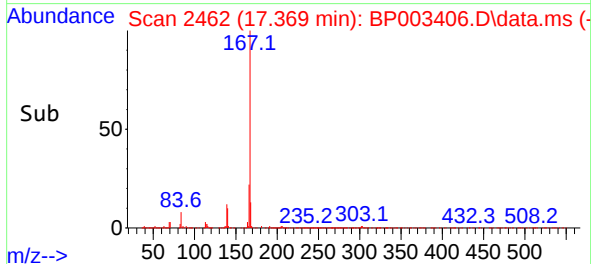
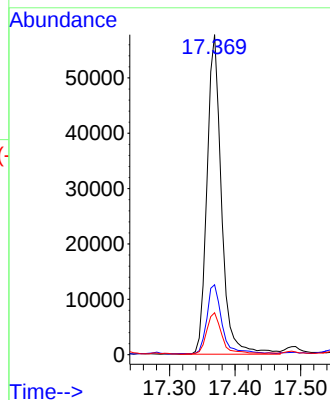
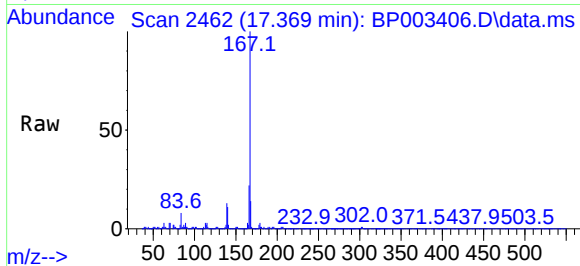
#73
 Carbazole
 Concen: 3.58 ng
 RT: 17.369 min Scan# 2462
 Delta R.T. -0.006 min
 Lab File: BP003406.D
 Acq: 29 Sep 2020 19:03

Tgt Ion:	167	Resp:	88834
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.6	26.4
139	13.1	10.2	15.4

Instrument :
 BNA_P
 ClientSampleID :
 B-5(5-7)DL

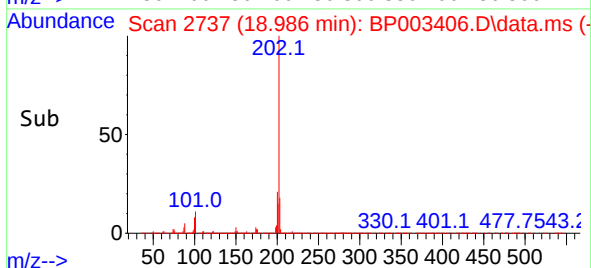
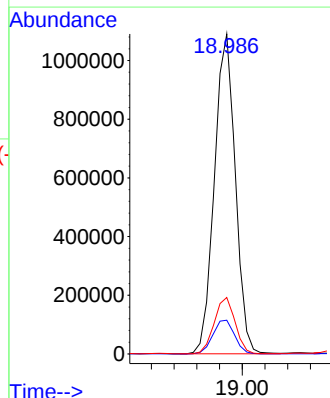
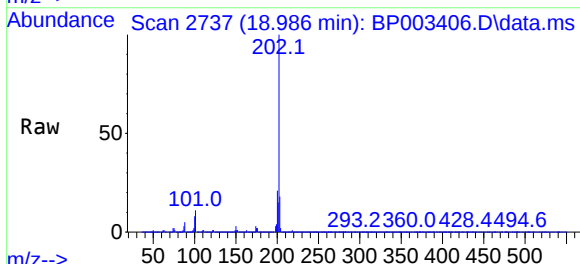
Manual Integrations
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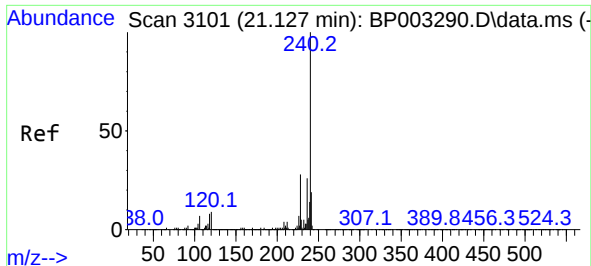
mohammad
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#75
 Fluoranthene
 Concen: 41.91 ng
 RT: 18.986 min Scan# 2737
 Delta R.T. -0.006 min
 Lab File: BP003406.D
 Acq: 29 Sep 2020 19:03

Tgt Ion:	202	Resp:	1395860
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	29.4
203	17.7	0.0	37.8





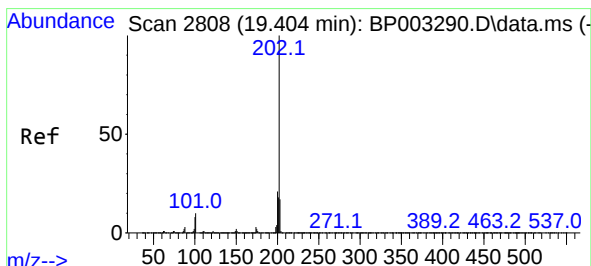
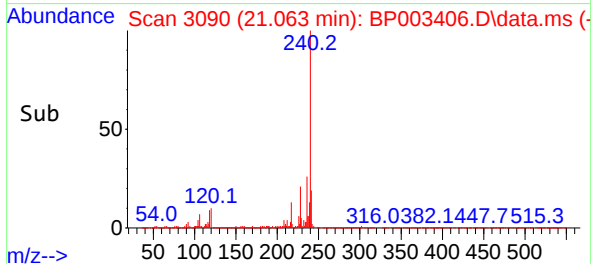
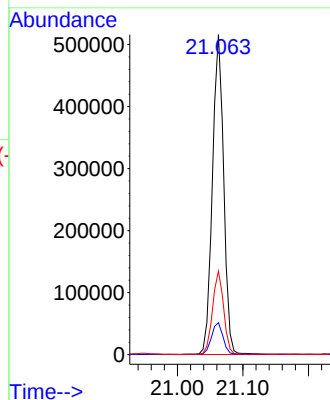
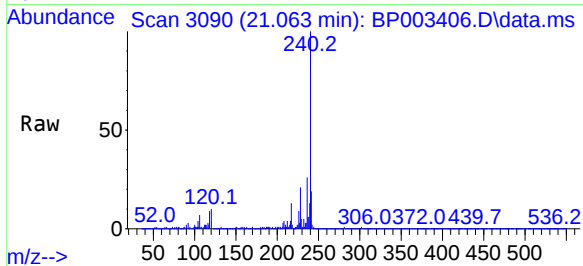
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.063 min Scan# 3090
Delta R.T. -0.012 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03

Tgt Ion:	240	Resp:	615939
Ion Ratio	Lower	Upper	
240	100		
120	10.0	7.8	11.6
236	26.2	20.8	31.2

Instrument :
BNA_P
ClientSampleID :
B-5(5-7)DL

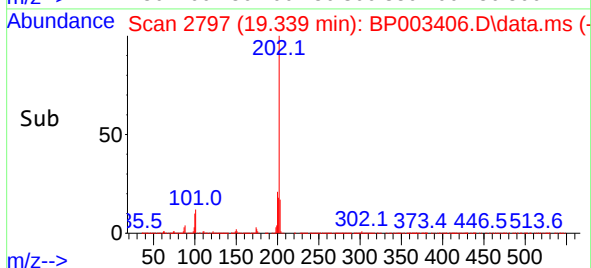
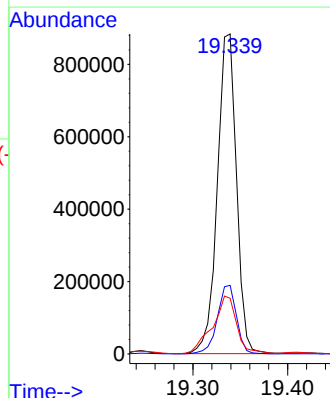
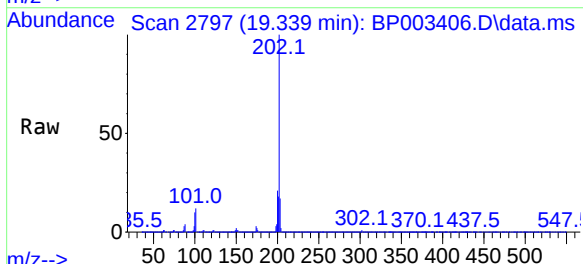
Manual Integrations
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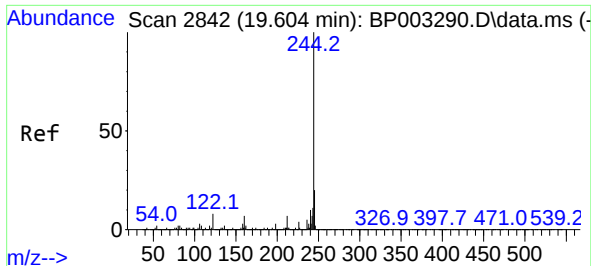
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#78
Pyrene
Concen: 32.32 ng
RT: 19.339 min Scan# 2797
Delta R.T. -0.006 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03

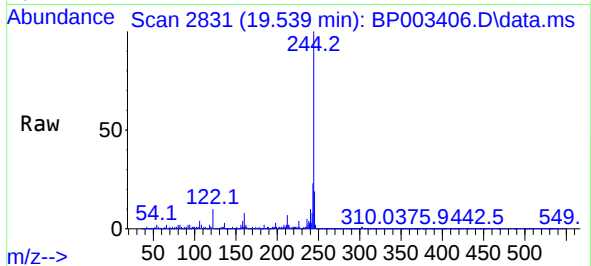
Tgt Ion:	202	Resp:	1241316
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.1	25.7
203	17.4	14.2	21.2





#79
Terphenyl-d14
Concen: 9.86 ng
RT: 19.539 min Scan# 2831
Delta R.T. -0.012 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03

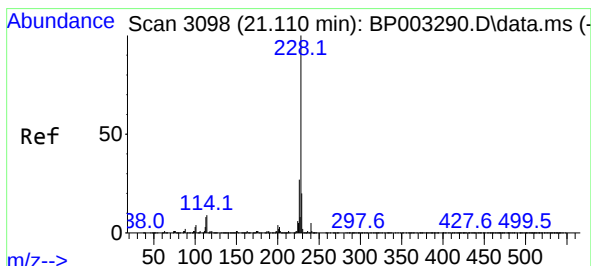
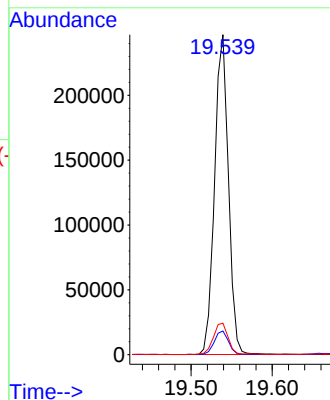
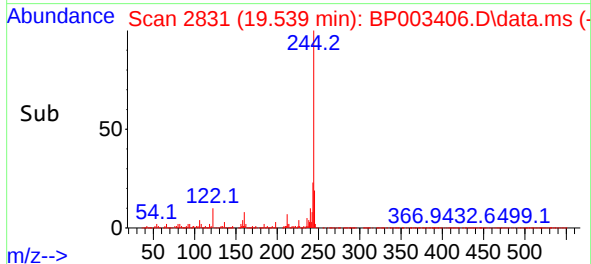
Instrument :
BNA_P
ClientSampled :
B-5(5-7)DL



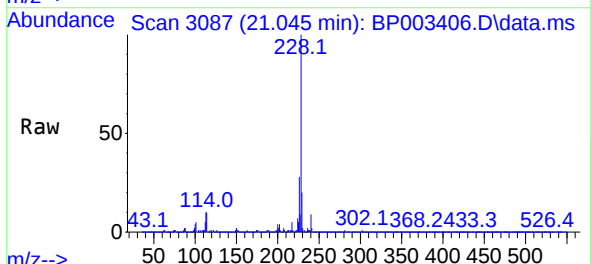
Tgt Ion:244 Resp: 291339
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 9.9 7.8 11.8

Manual Integrations
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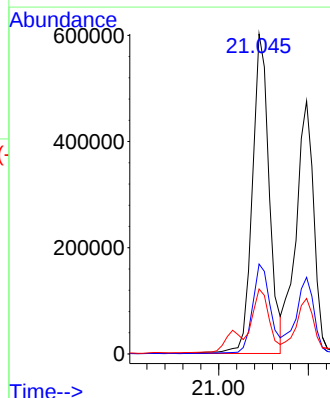
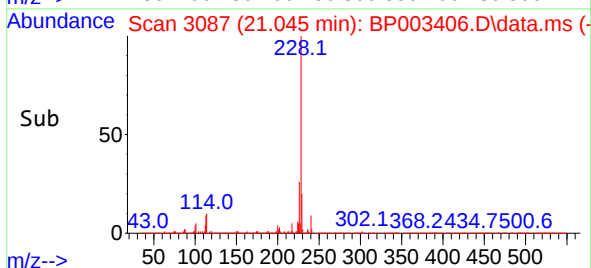
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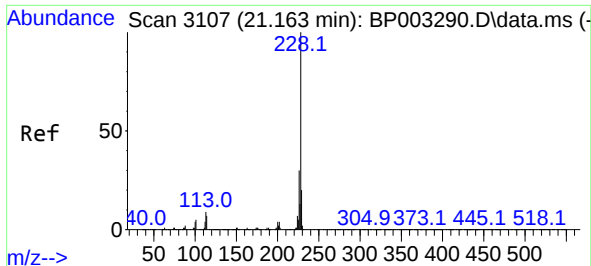


#81
Benzo(a)anthracene
Concen: 19.69 ng
RT: 21.045 min Scan# 3087
Delta R.T. -0.012 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03

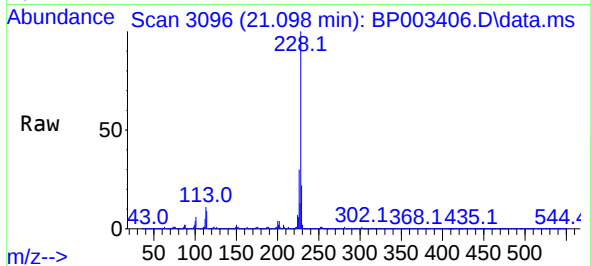


Tgt Ion:228 Resp: 783955
Ion Ratio Lower Upper
228 100
226 28.1 22.1 33.1
229 20.3 15.9 23.9

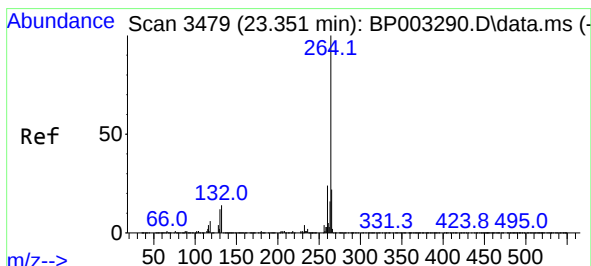
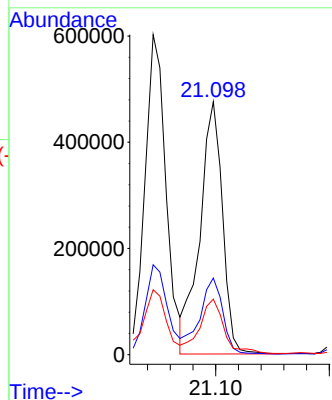
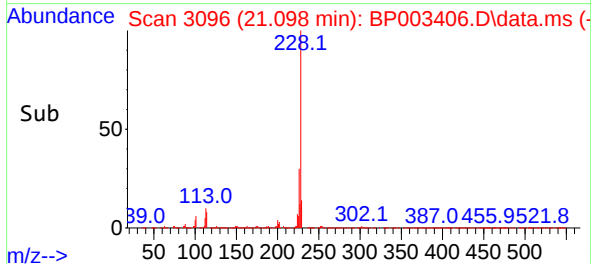




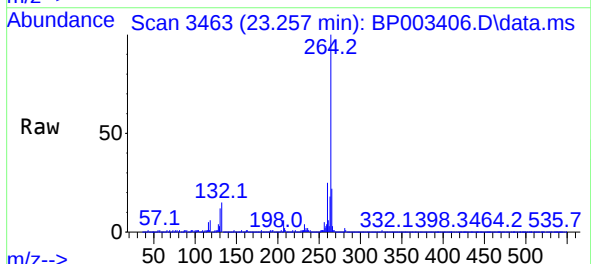
#83
Chrysene
Concen: 17.20 ng
RT: 21.098 min Scan# 3096
Delta R.T. -0.012 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03



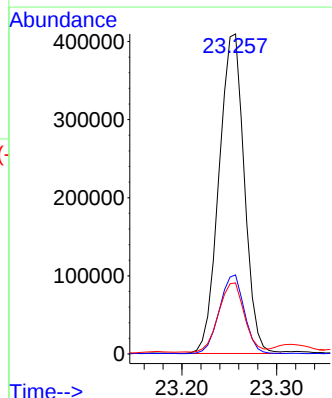
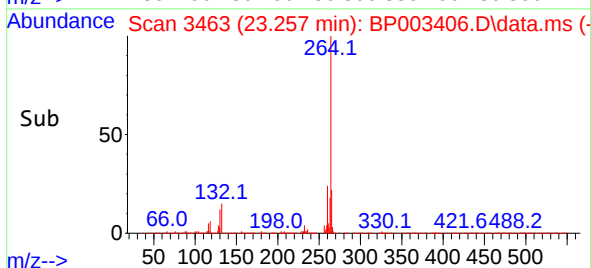
Tgt Ion:228 Resp: 657826
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 22.0 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.257 min Scan# 3463
Delta R.T. -0.006 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03



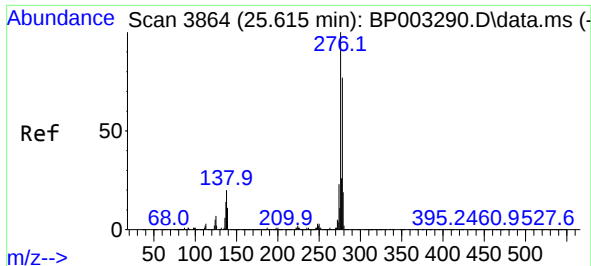
Tgt Ion:264 Resp: 759168
Ion Ratio Lower Upper
264 100
260 24.7 18.8 28.2
265 22.2 17.4 26.2



Instrument :
BNA_P
ClientSampled :
B-5(5-7)DL

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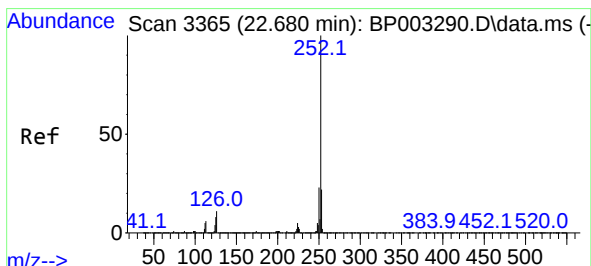
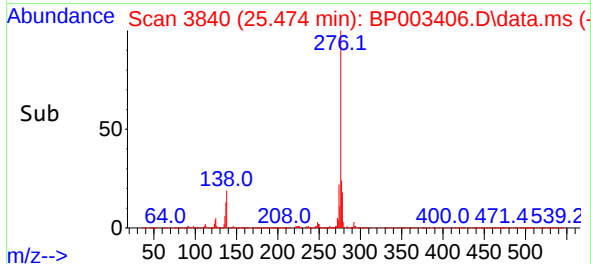
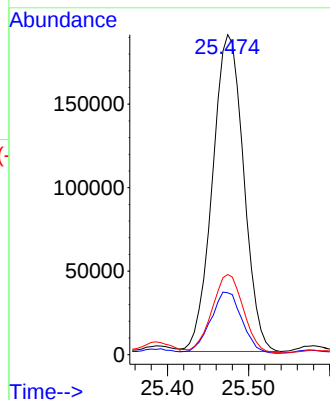
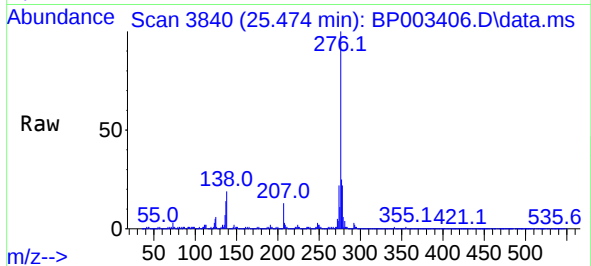
#87
Indeno(1,2,3-cd)pyrene
Concen: 8.81 ng
RT: 25.474 min Scan# 3840
Delta R.T. -0.029 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03

Tgt Ion: 276 Resp: 506744
Ion Ratio Lower Upper
276 100
138 19.4 18.7 28.1
277 24.9 20.4 30.6

Instrument :
BNA_P
ClientSampled :
B-5(5-7)DL

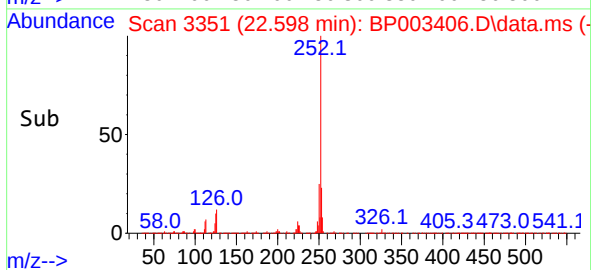
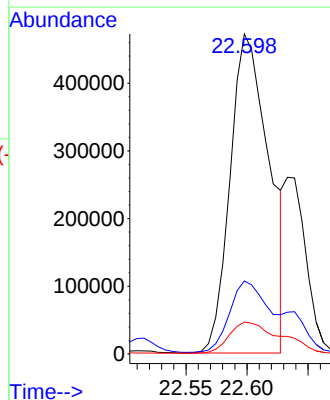
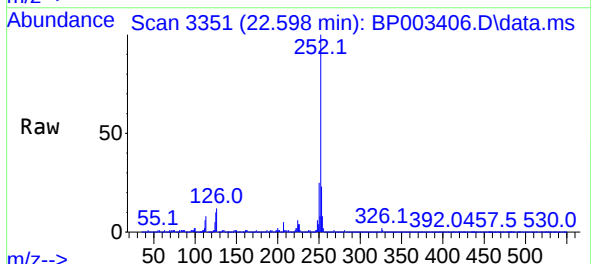
Manual Integrations
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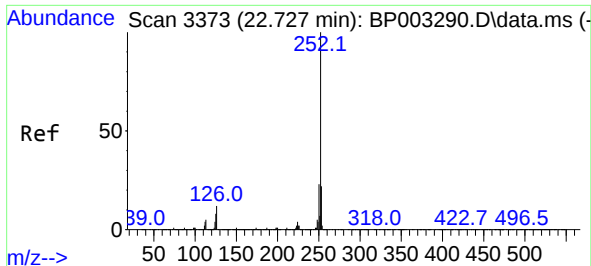
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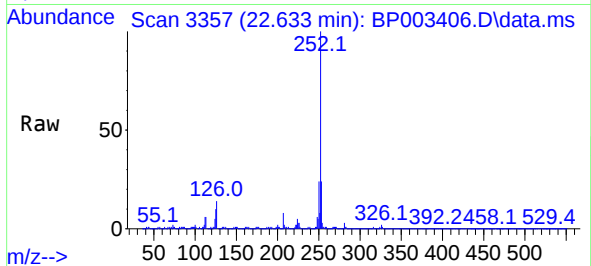
#88
Benzo(b)fluoranthene
Concen: 21.81 ng m
RT: 22.598 min Scan# 3351
Delta R.T. -0.012 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03

Tgt Ion: 252 Resp: 1045752
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 10.0 7.3 10.9

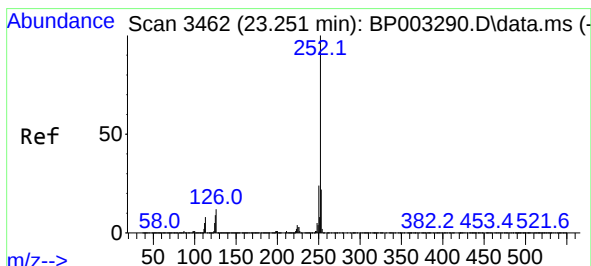
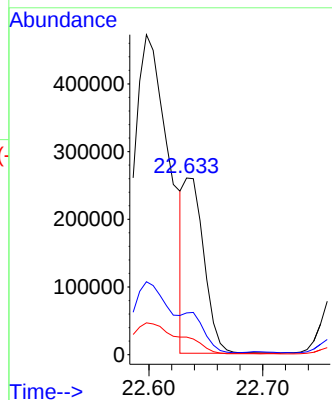
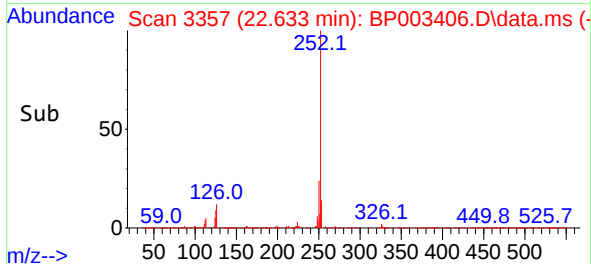




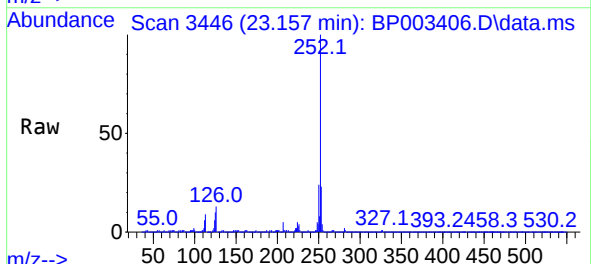
#89
Benzo(k)fluoranthene
Concen: 6.83 ng m
RT: 22.633 min Scan# 3357
Delta R.T. -0.018 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03



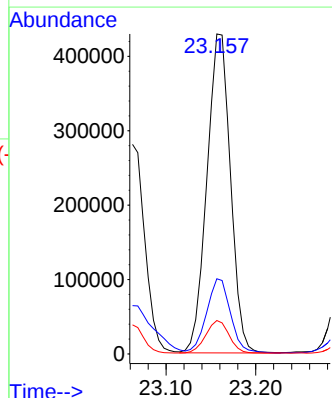
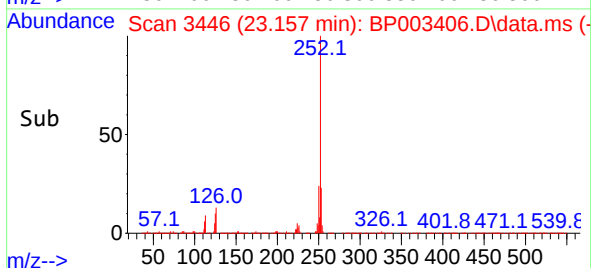
Tgt Ion:252 Resp: 313924
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 10.0 7.4 11.2



#90
Benzo(a)pyrene
Concen: 17.32 ng
RT: 23.157 min Scan# 3446
Delta R.T. -0.018 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03



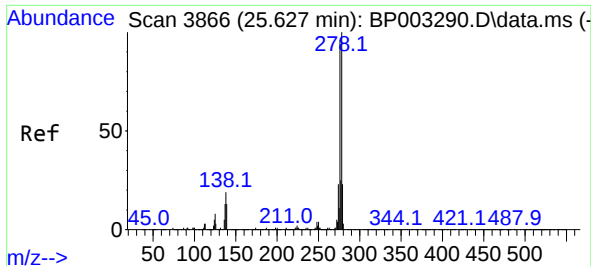
Tgt Ion:252 Resp: 783002
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.0
125 10.5 8.2 12.4



Instrument :
BNA_P
ClientSampleId :
B-5(5-7)DL

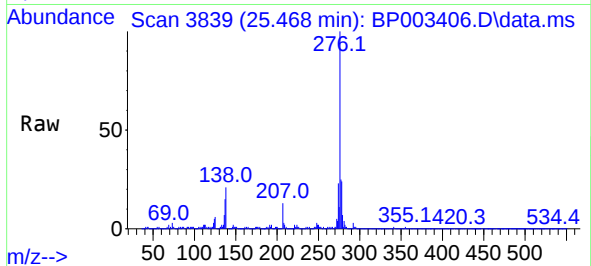
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#91
Dibenzo(a,h)anthracene
Concen: 2.90 ng m
RT: 25.468 min Scan# 3839
Delta R.T. -0.041 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03

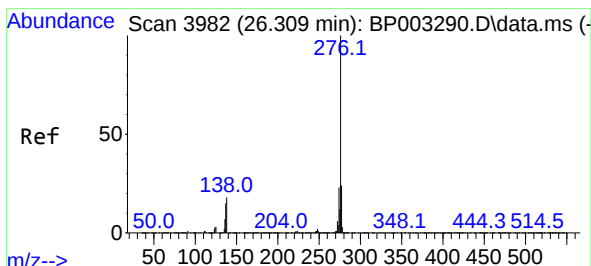
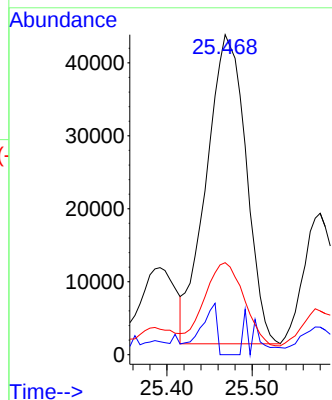
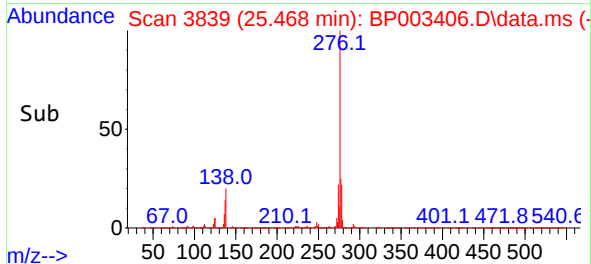
Instrument :
BNA_P
ClientSampled :
B-5(5-7)DL



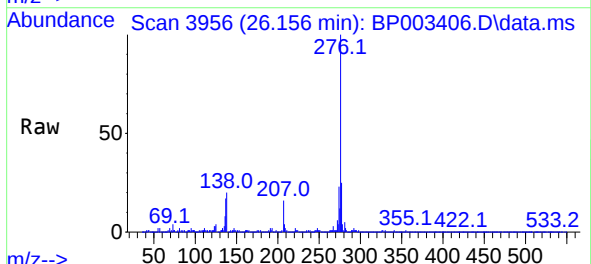
Tgt Ion:278 Resp: 137808
Ion Ratio Lower Upper
278 100
139 0.0 12.4 18.6#
279 28.8 19.0 28.6#

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#92
Benzo(g,h,i)perylene
Concen: 9.78 ng
RT: 26.156 min Scan# 3956
Delta R.T. -0.029 min
Lab File: BP003406.D
Acq: 29 Sep 2020 19:03



Tgt Ion:276 Resp: 463726
Ion Ratio Lower Upper
276 100
277 25.1 19.0 28.6
138 20.1 16.6 24.8

