

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
 Data File : BP003412.D
 Acq On : 29 Sep 2020 22:28
 Operator : CG/JU
 Sample : L4172-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DUP-2

Manual Integrations
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Quant Time: Sep 30 01:21:37 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	81907	20.00	ng	0.00
21) Naphthalene-d8	10.322	136	358169	20.00	ng	# 0.00
39) Acenaphthene-d10	14.198	164	234623	20.00	ng	-0.01
64) Phenanthrene-d10	16.957	188	535905	20.00	ng	# 0.00
76) Chrysene-d12	21.063	240	687358	20.00	ng	-0.01
86) Perylene-d12	23.257	264	724399	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.158	112	539348	114.98	ng	0.00
7) Phenol-d6	6.752	99	719443	115.07	ng	0.00
23) Nitrobenzene-d5	8.693	82	472537	77.51	ng	-0.01
42) 2,4,6-Tribromophenol	15.704	330	313581	87.63	ng	0.00
45) 2-Fluorobiphenyl	12.816	172	969884	60.46	ng	0.00
79) Terphenyl-d14	19.545	244	1506517	45.67	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	13.663	163	175606	9.37	ng	100
71) Phenanthrene	16.998	178	239023	8.20	ng	100
72) Anthracene	17.092	178	67942	2.36	ng	99
75) Fluoranthene	18.986	202	468984	12.79	ng	98
78) Pyrene	19.339	202	435015	10.15	ng	100
81) Benzo(a)anthracene	21.045	228	283348	6.38	ng	99
83) Chrysene	21.098	228	257732	6.04	ng	98
87) Indeno(1,2,3-cd)pyrene	25.480	276	185417	3.38	ng	96
88) Benzo(b)fluoranthene	22.604	252	373814m	8.17	ng	
89) Benzo(k)fluoranthene	22.639	252	124129m	2.83	ng	
90) Benzo(a)pyrene	23.162	252	274520	6.36	ng	98
92) Benzo(g,h,i)perylene	26.156	276	184475	4.08	ng	98

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

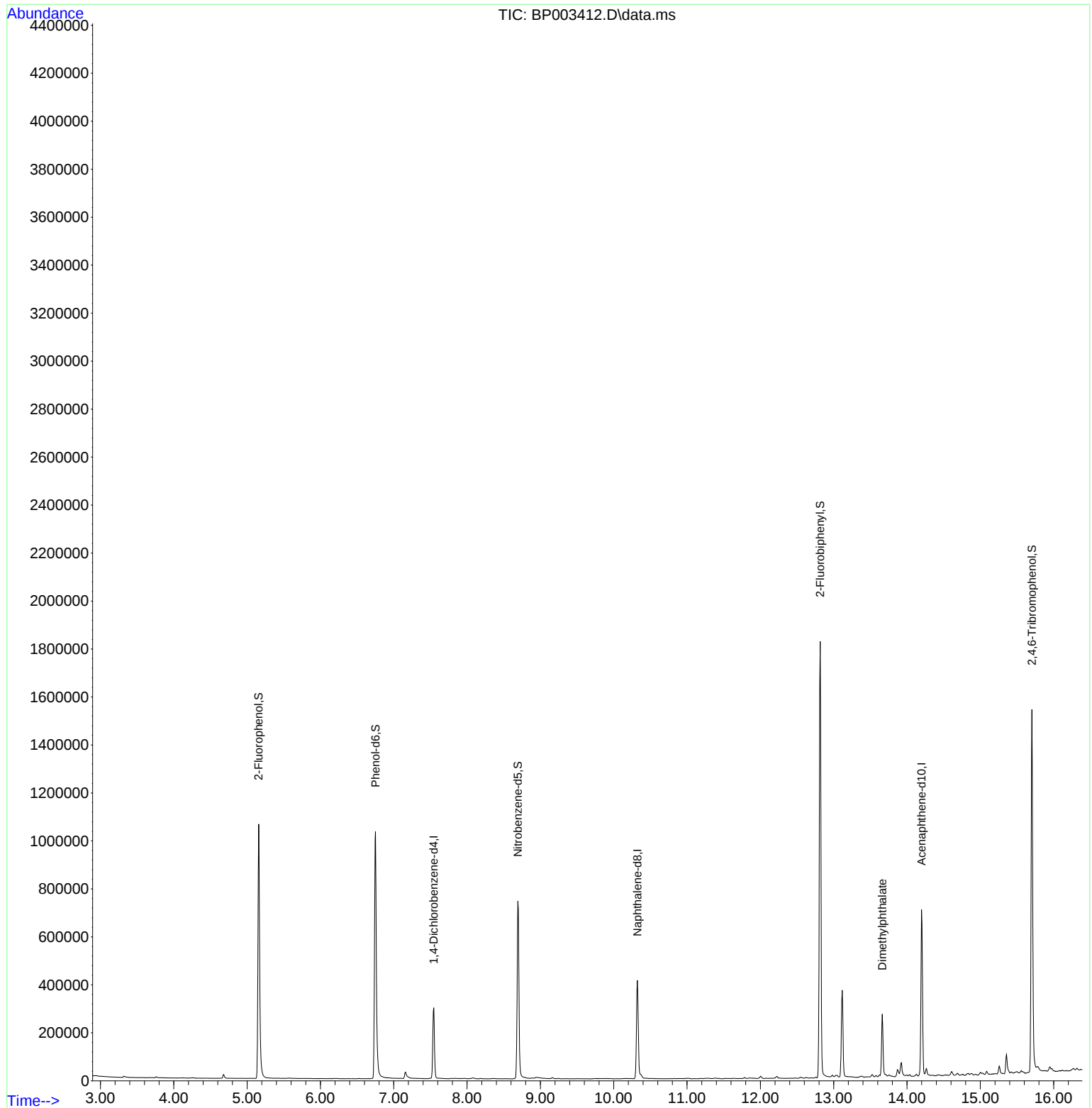
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Data File : BP003412.D
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QLast Update : Mon Sep 28 17:55:44 2020
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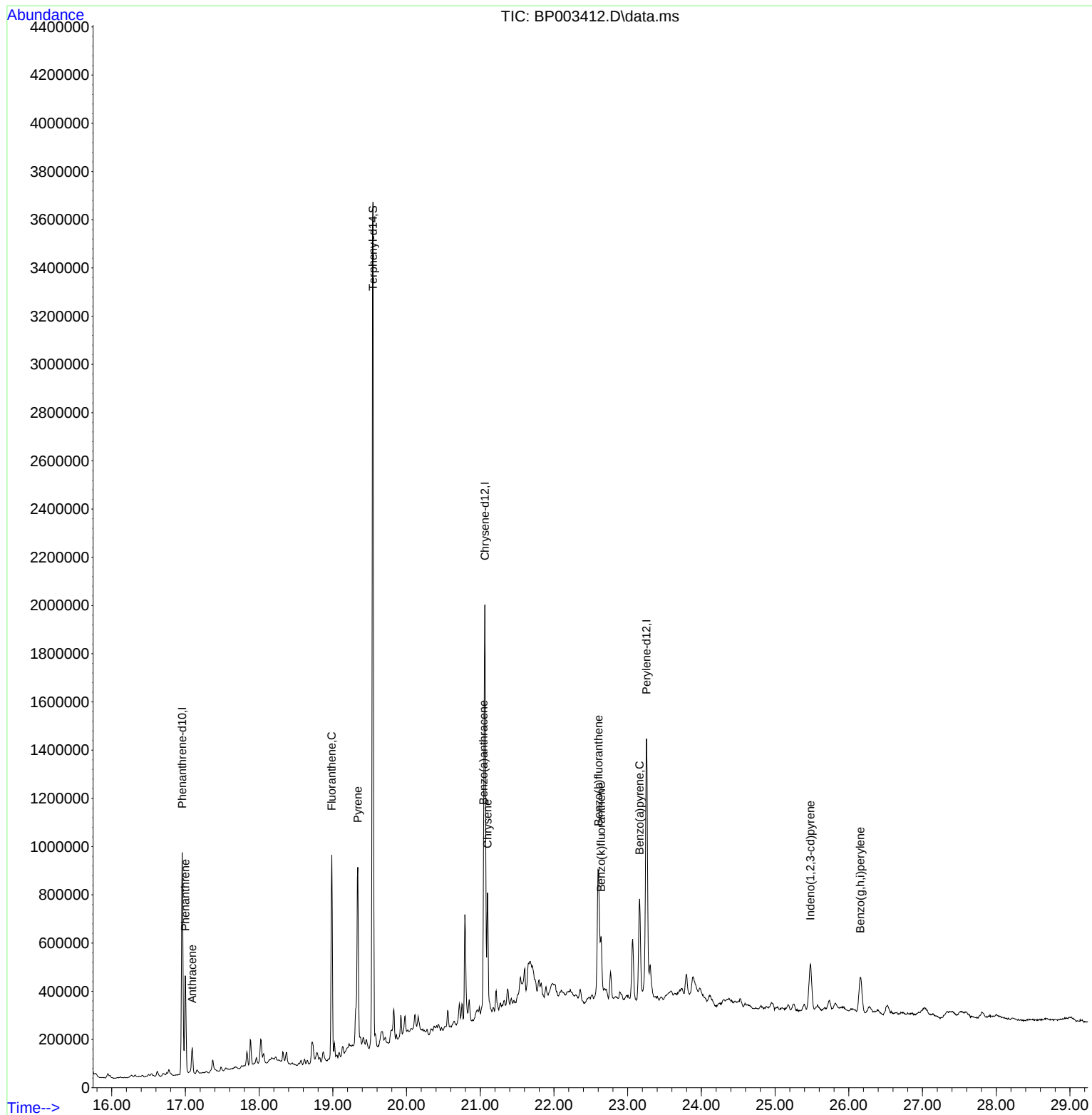
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Data File : BP003412.D
Acq On : 29 Sep 2020 22:28
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ALS Vial : 17 Sample Multiplier: 1

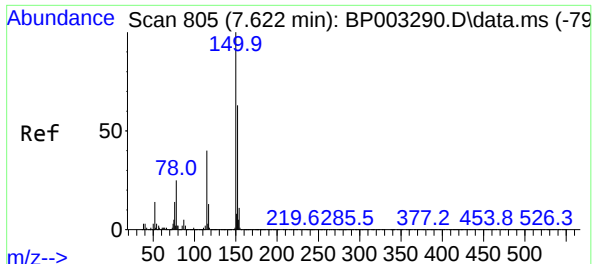
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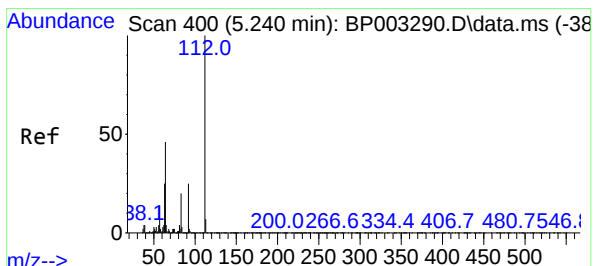
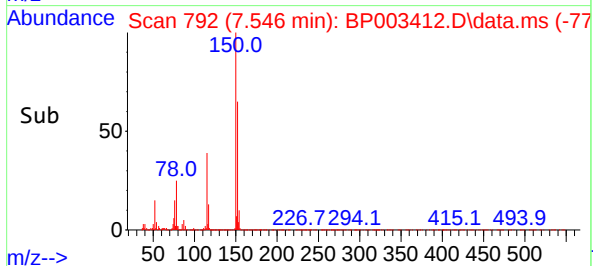
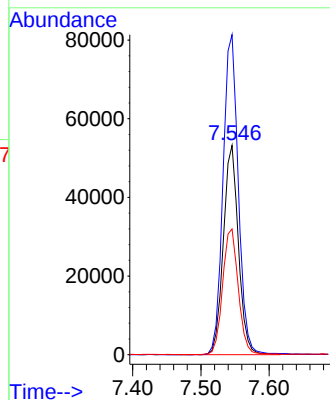
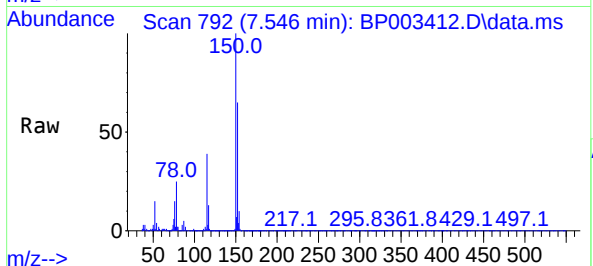
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.546 min Scan# 792
Delta R.T. -0.000 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:152 Resp: 81907
Ion Ratio Lower Upper
152 100
150 152.9 123.8 185.6
115 60.1 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
DUP-2

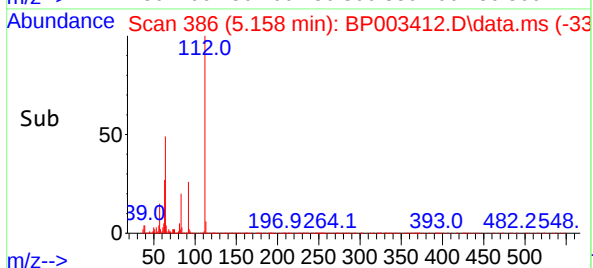
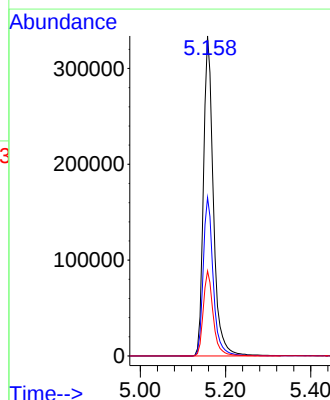
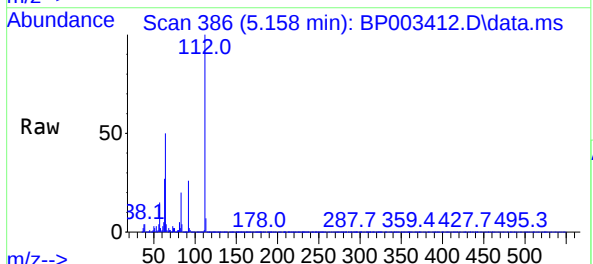
Manual Integrations
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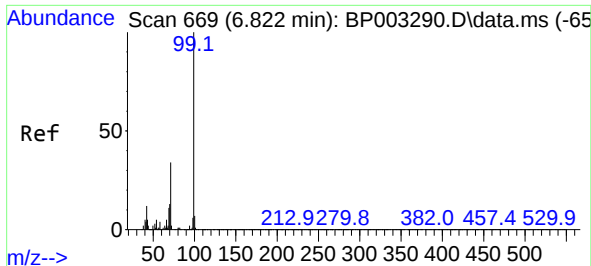
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#5
2-Fluorophenol
Concen: 114.98 ng
RT: 5.158 min Scan# 386
Delta R.T. -0.006 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:112 Resp: 539348
Ion Ratio Lower Upper
112 100
64 49.5 32.8 49.2#
63 26.5 17.0 25.4#





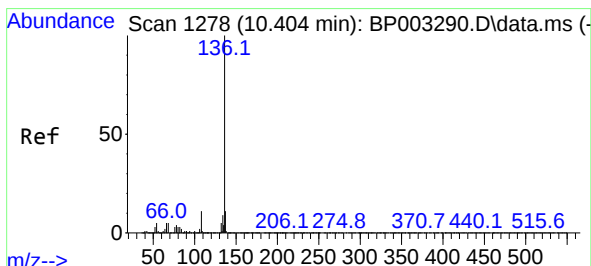
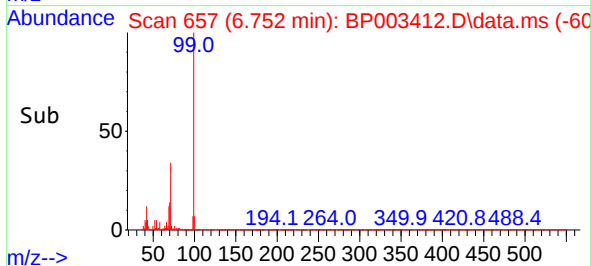
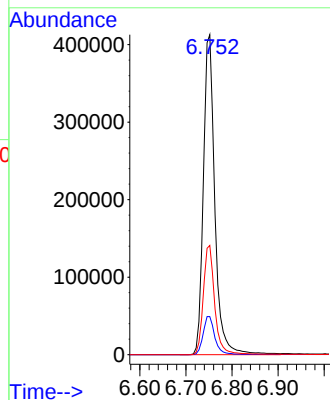
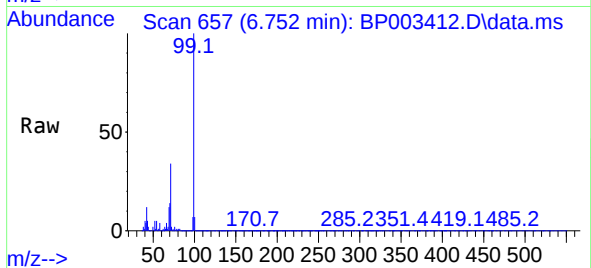
#7
Phenol-d6
Concen: 115.07 ng
RT: 6.752 min Scan# 657
Delta R.T. 0.000 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:	99	Resp:	719443
Ion	Ratio	Lower	Upper
99	100		
42	11.9	8.6	13.0
71	34.2	23.4	35.2

Instrument :
BNA_P
ClientSampleId :
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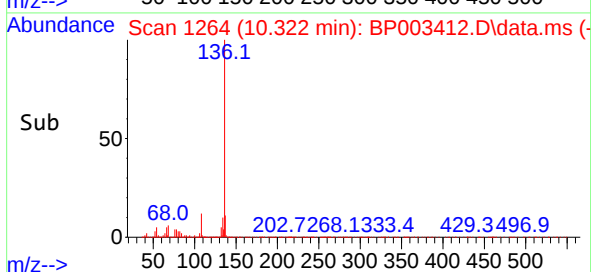
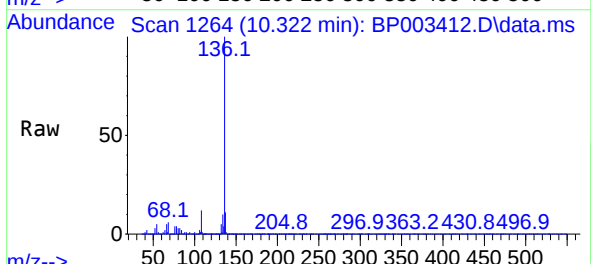
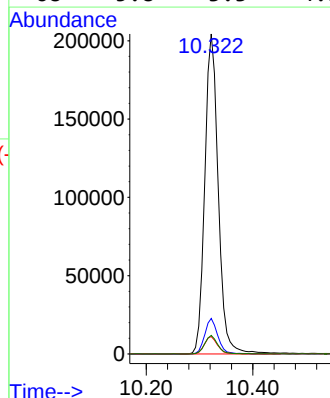
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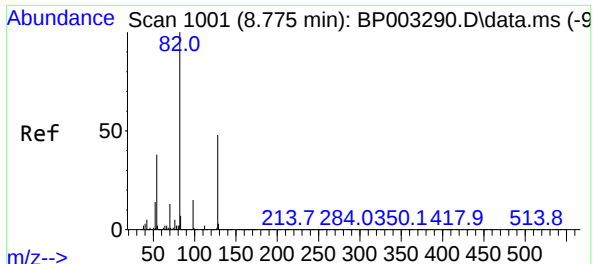
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.322 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

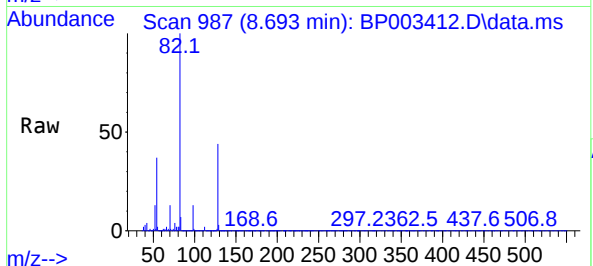
Tgt Ion:	136	Resp:	358169
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.5	3.6	5.4#
68	5.8	3.3	4.9#





#23
Nitrobenzene-d5
Concen: 77.51 ng
RT: 8.693 min Scan# 987
Delta R.T. -0.012 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

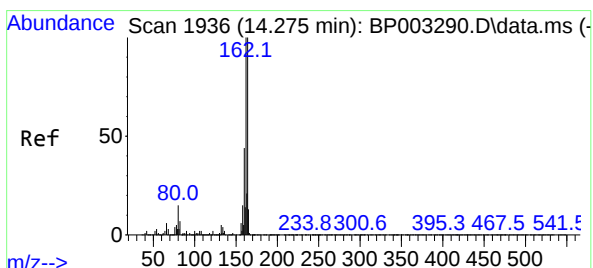
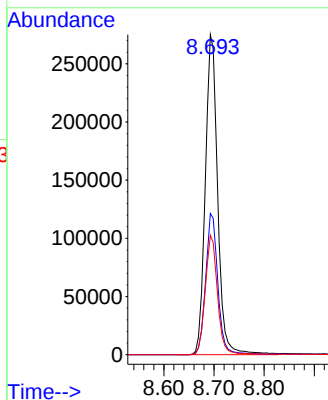
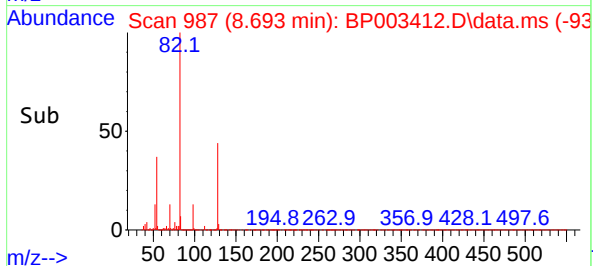
Instrument :
BNA_P
ClientSampleId :
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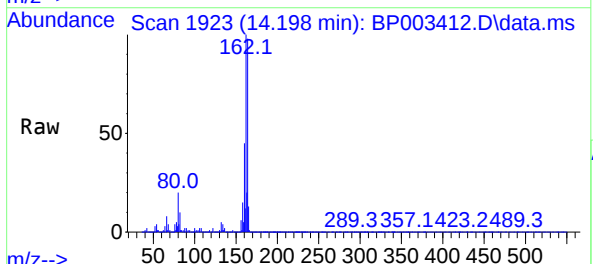
Tgt Ion: 82 Resp: 472537
Ion Ratio Lower Upper
82 100
128 44.2 45.6 68.4#
54 37.3 30.1 45.1

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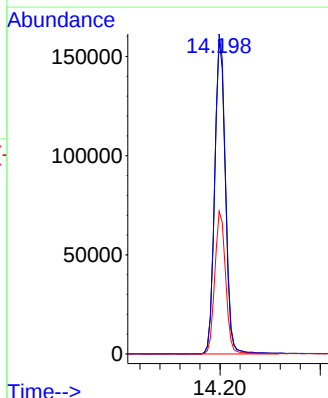
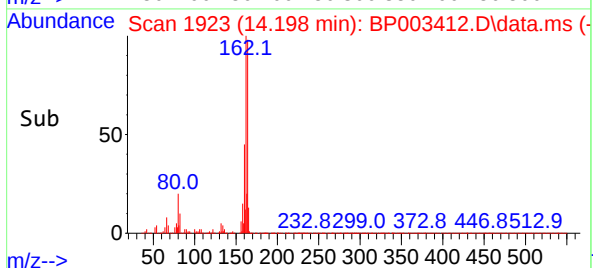
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.198 min Scan# 1923
Delta R.T. -0.012 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28



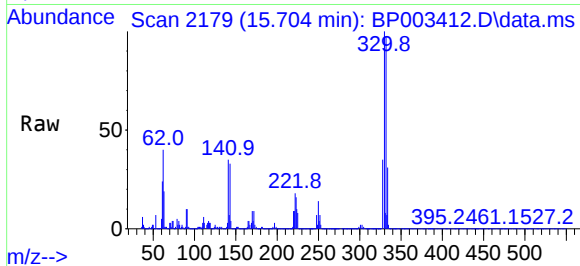
Tgt Ion: 164 Resp: 234623
Ion Ratio Lower Upper
164 100
162 101.6 79.4 119.2
160 45.3 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 87.63 ng
RT: 15.704 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

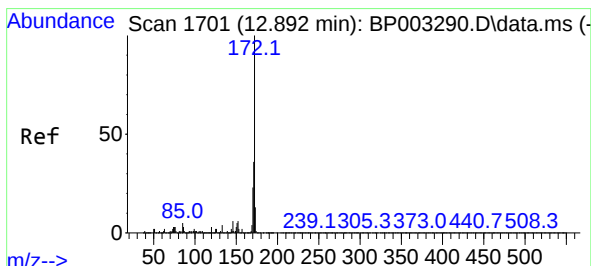
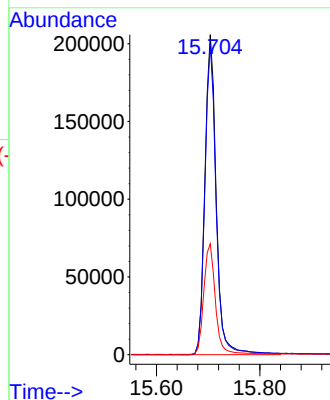
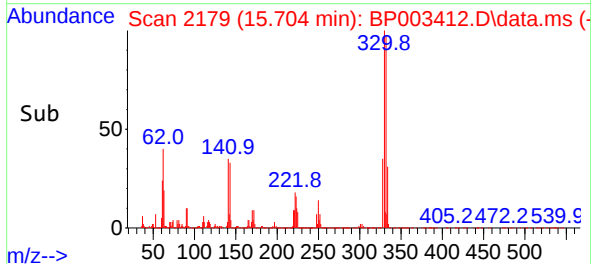
Instrument :
BNA_P
ClientSampleId :
DUP-2



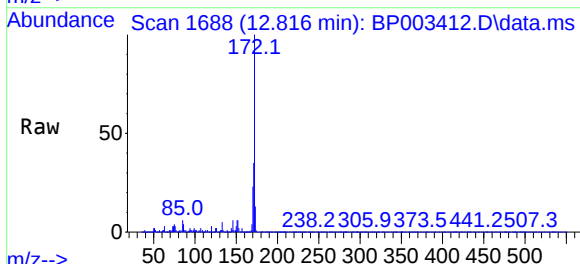
Tgt Ion:330 Resp: 313581
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 35.6 23.4 35.2#

Manual Integrations
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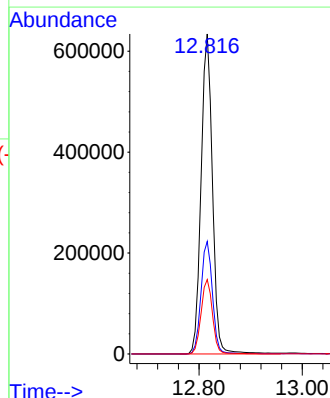
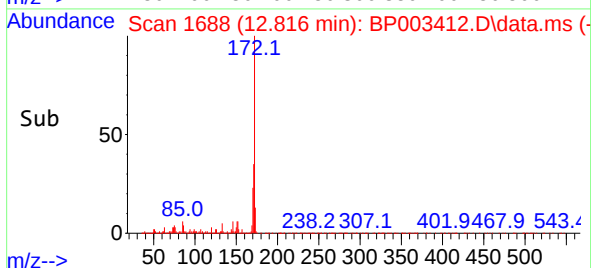
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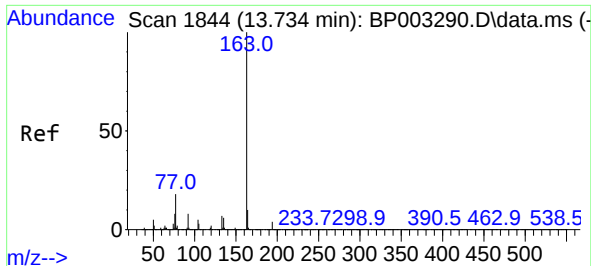


#45
2-Fluorobiphenyl
Concen: 60.46 ng
RT: 12.816 min Scan# 1688
Delta R.T. -0.006 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28



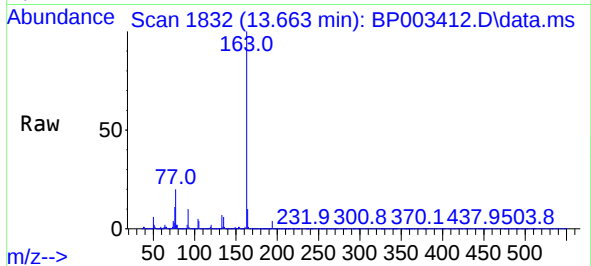
Tgt Ion:172 Resp: 969884
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.2 19.2 28.8





#50
Dimethylphthalate
Concen: 9.37 ng
RT: 13.663 min Scan# 1832
Delta R.T. -0.012 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

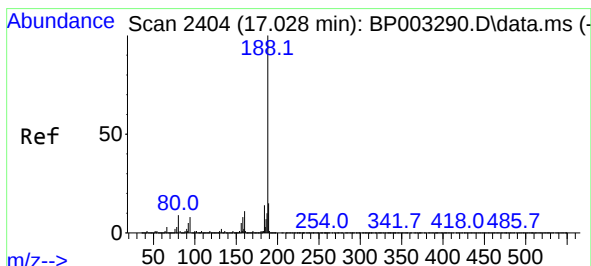
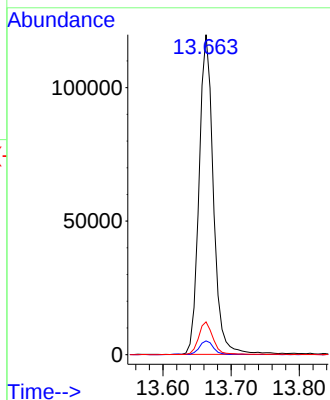
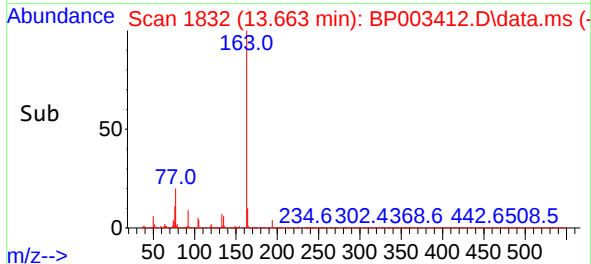
Instrument :
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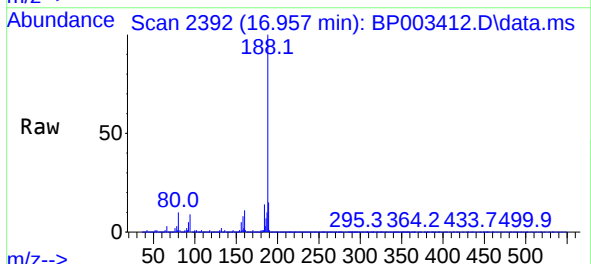
Tgt Ion:163 Resp: 175606
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.3 8.2 12.2

Manual Integrations
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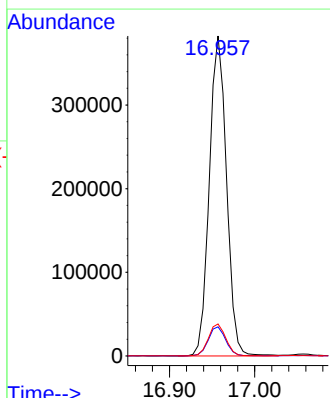
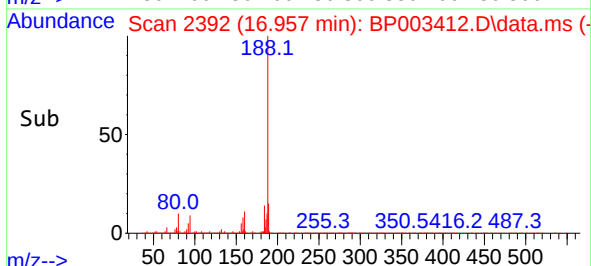
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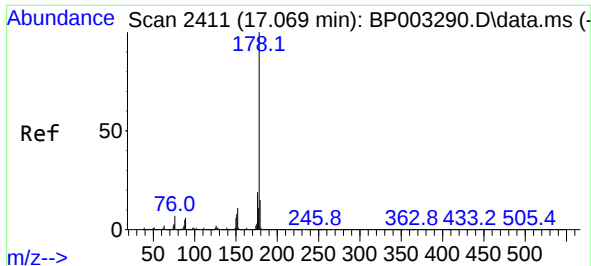


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.957 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28



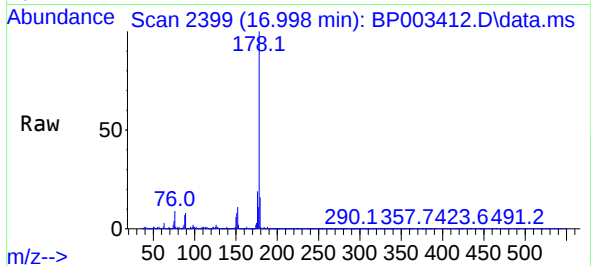
Tgt Ion:188 Resp: 535905
Ion Ratio Lower Upper
188 100
94 9.1 6.2 9.2
80 10.0 6.2 9.2#





#71
Phenanthrene
Concen: 8.20 ng
RT: 16.998 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

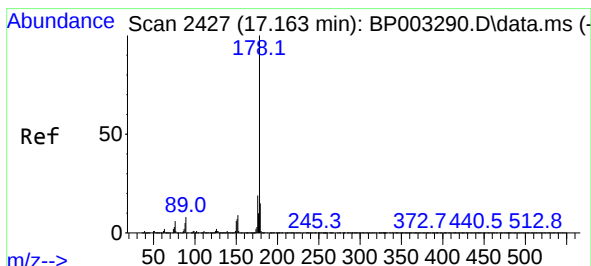
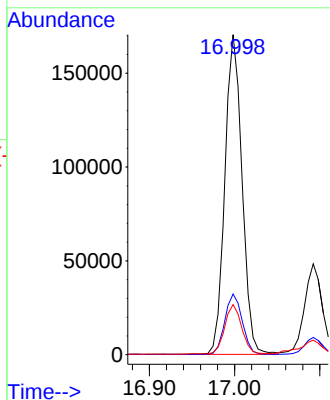
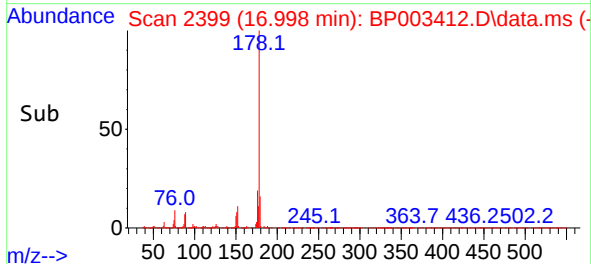
Instrument :
BNA_P
ClientSampled :
DUP-2



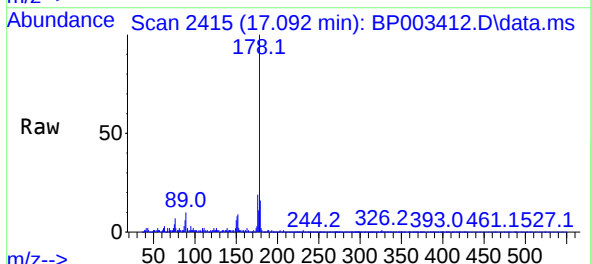
Tgt Ion:178 Resp: 239023
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.7 12.5 18.7

Manual Integrations
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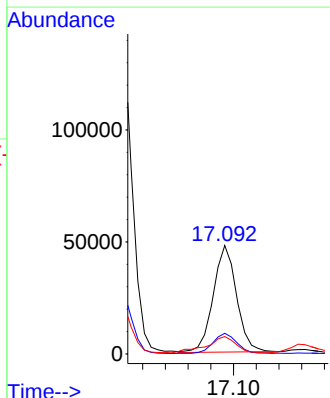
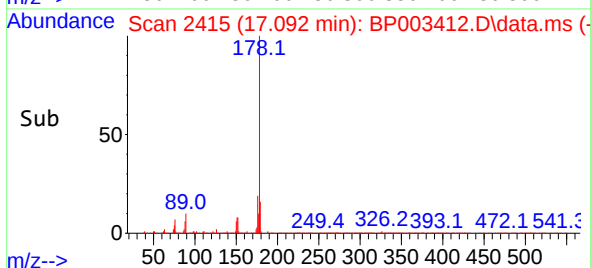
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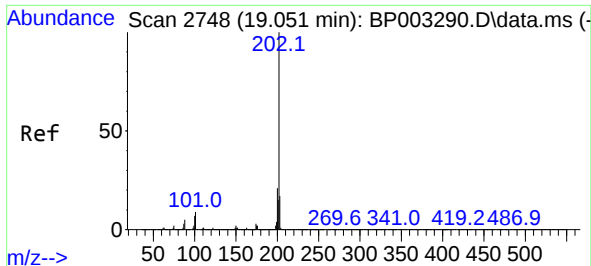


#72
Anthracene
Concen: 2.36 ng
RT: 17.092 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28



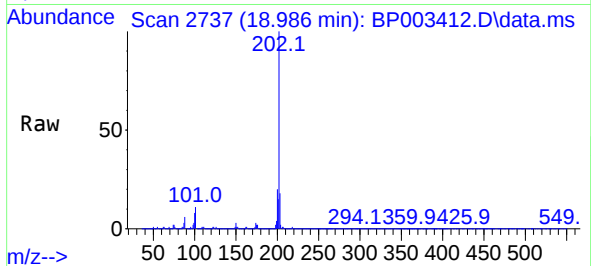
Tgt Ion:178 Resp: 67942
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.4
179 16.0 12.5 18.7





#75
Fluoranthene
Concen: 12.79 ng
RT: 18.986 min Scan# 2737
Delta R.T. -0.006 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

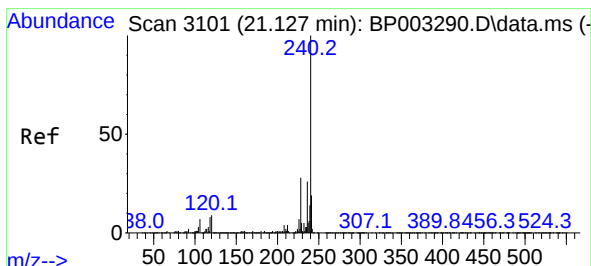
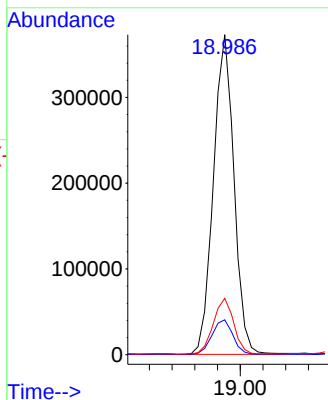
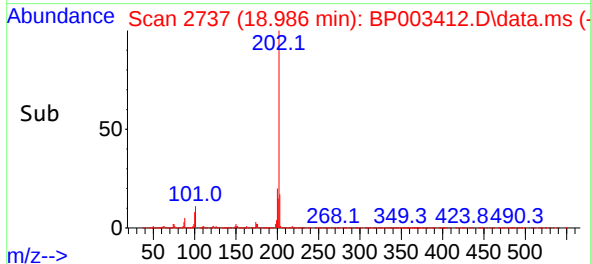
Instrument :
BNA_P
ClientSampleId :
DUP-2



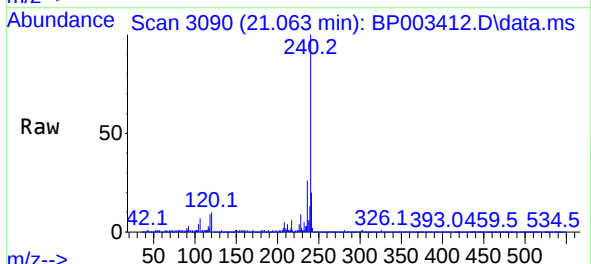
Tgt Ion:202 Resp: 468984
Ion Ratio Lower Upper
202 100
101 10.9 0.0 29.4
203 17.6 0.0 37.8

Manual Integrations
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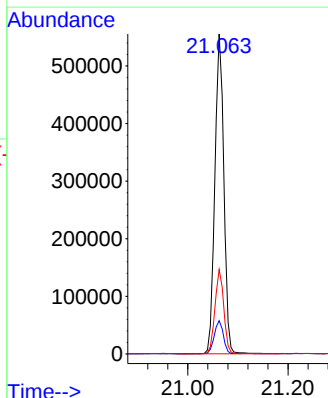
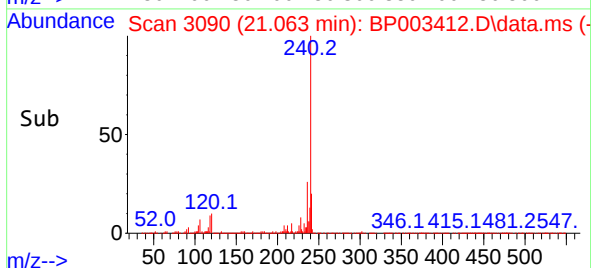
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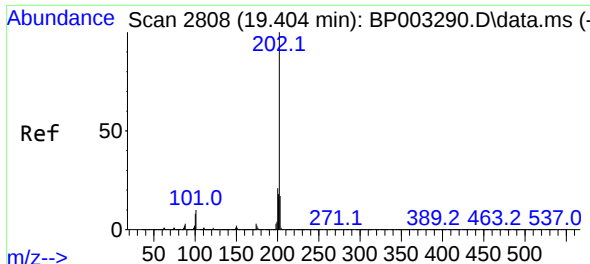


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.063 min Scan# 3090
Delta R.T. -0.012 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28



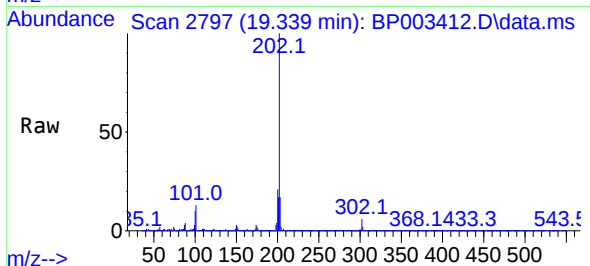
Tgt Ion:240 Resp: 687358
Ion Ratio Lower Upper
240 100
120 10.4 7.8 11.6
236 26.4 20.8 31.2





#78
Pyrene
Concen: 10.15 ng
RT: 19.339 min Scan# 2797
Delta R.T. -0.006 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

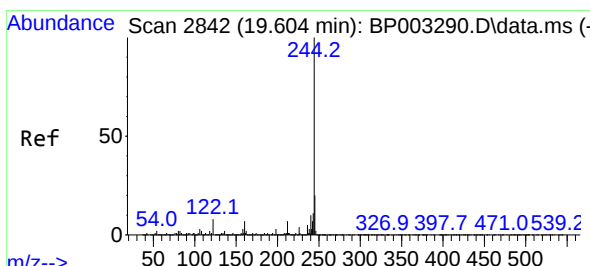
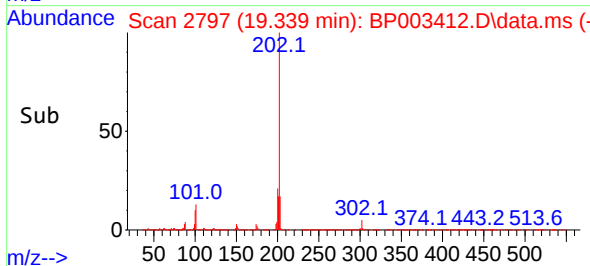
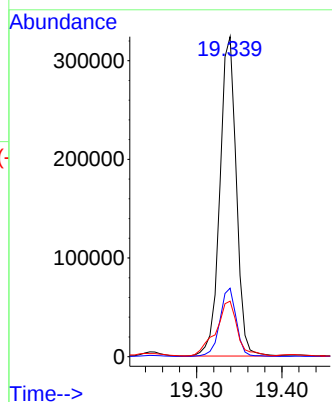
Instrument :
BNA_P
ClientSampleId :
DUP-2



Tgt Ion:202 Resp: 435015
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.4 14.2 21.2

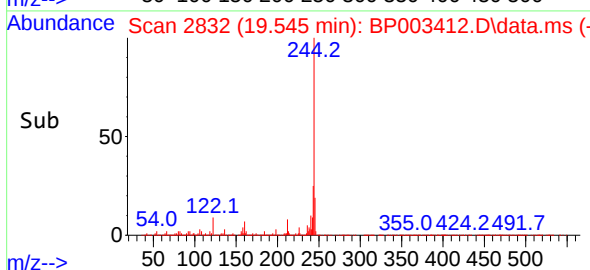
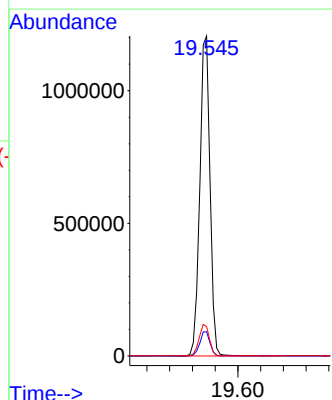
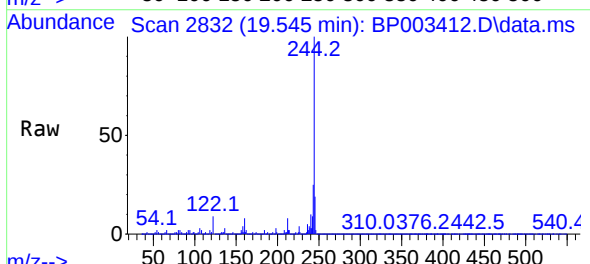
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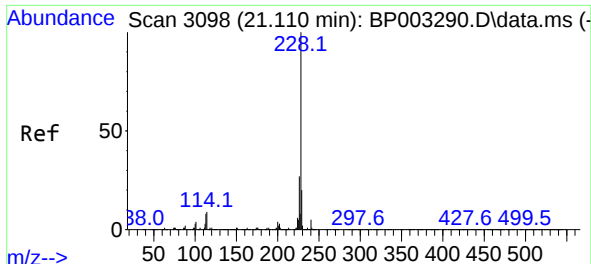
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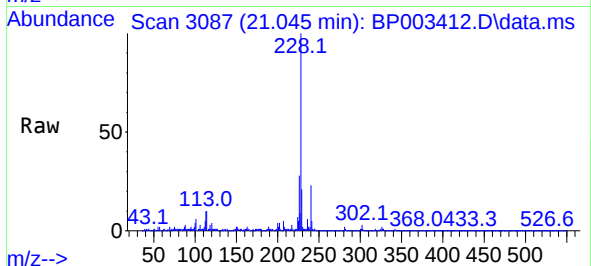
#79
Terphenyl-d14
Concen: 45.67 ng
RT: 19.545 min Scan# 2832
Delta R.T. -0.006 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:244 Resp: 1506517
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.2 7.8 11.8





#81
Benzo(a)anthracene
Concen: 6.38 ng
RT: 21.045 min Scan# 3087
Delta R.T. -0.012 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

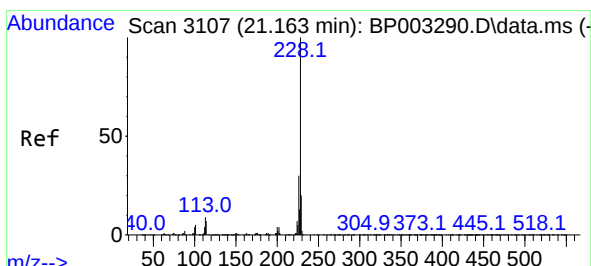
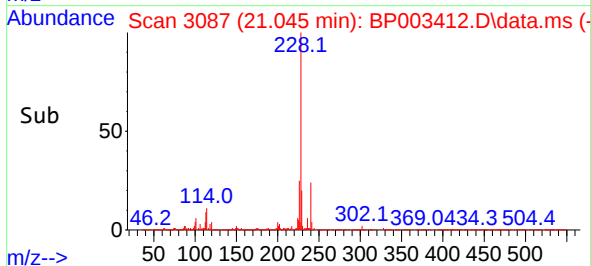
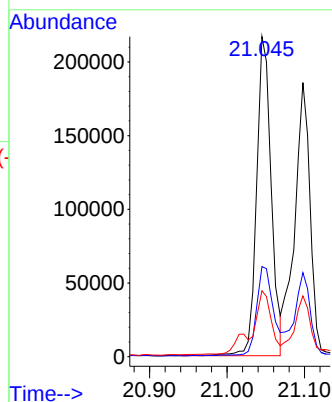


Tgt Ion:228 Resp: 283348
Ion Ratio Lower Upper
228 100
226 28.2 22.1 33.1
229 20.6 15.9 23.9

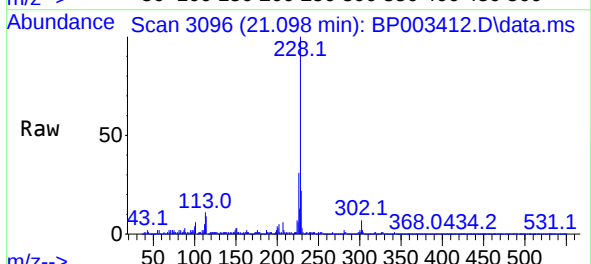
Instrument :
BNA_P
ClientSampleId :
DUP-2

Manual Integrations
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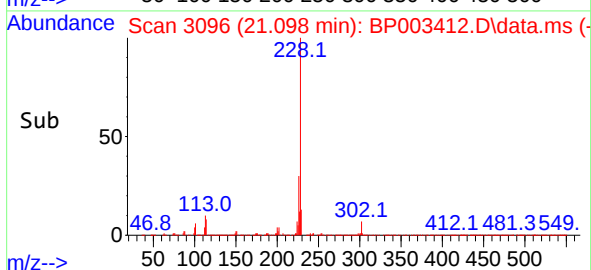
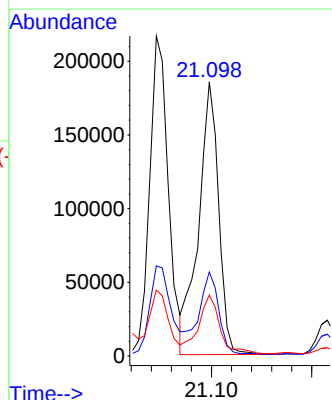
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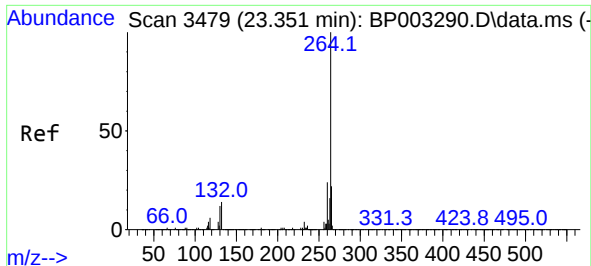


#83
Chrysene
Concen: 6.04 ng
RT: 21.098 min Scan# 3096
Delta R.T. -0.012 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28



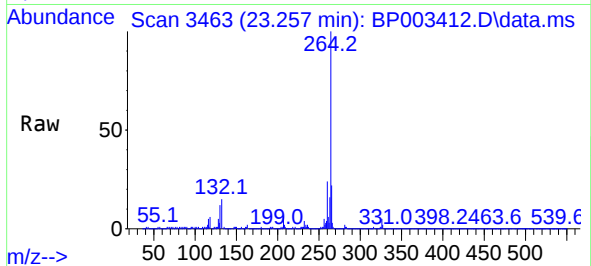
Tgt Ion:228 Resp: 257732
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 22.2 15.8 23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.257 min Scan# 3463
Delta R.T. -0.006 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Instrument :
BNA_P
ClientSampled :
DUP-2

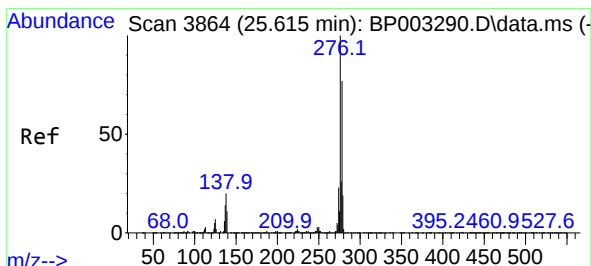
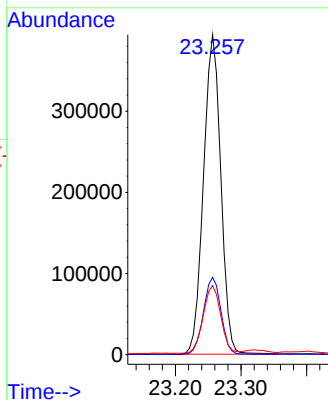
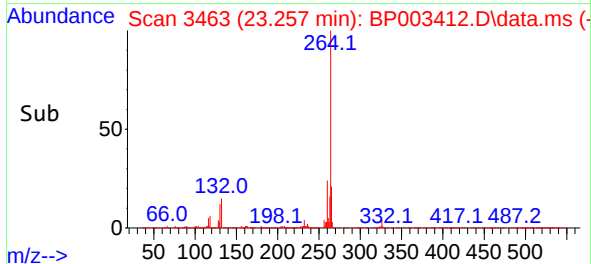


Tgt Ion:264 Resp: 724399

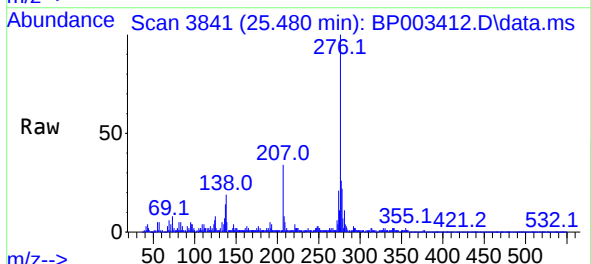
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.6	17.4	26.2

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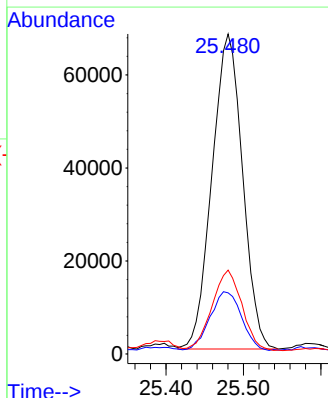
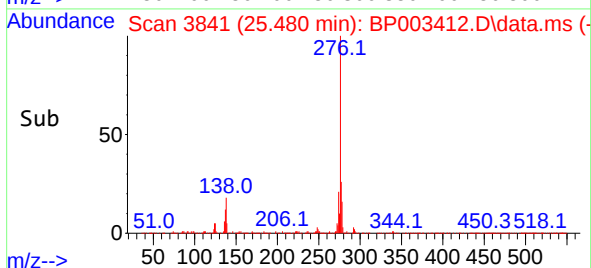


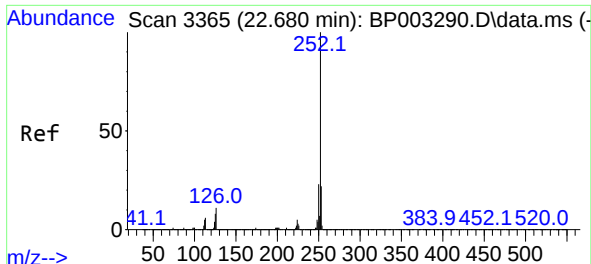
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.38 ng
RT: 25.480 min Scan# 3841
Delta R.T. -0.023 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28



Tgt Ion:276 Resp: 185417

Ion	Ratio	Lower	Upper
276	100		
138	19.6	18.7	28.1
277	25.2	20.4	30.6





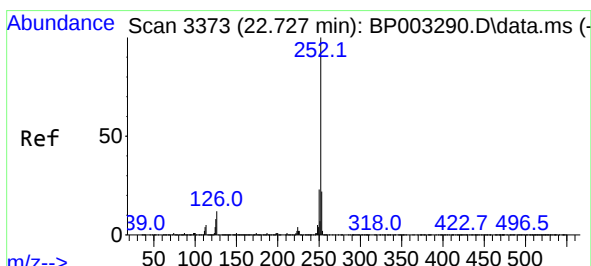
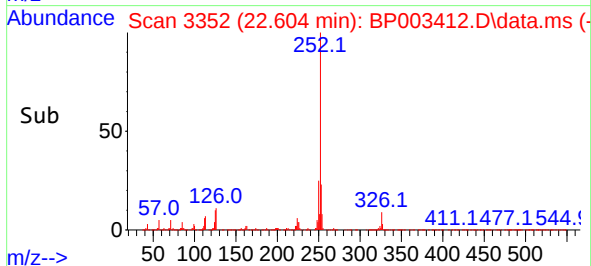
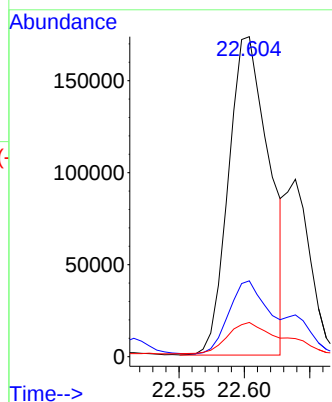
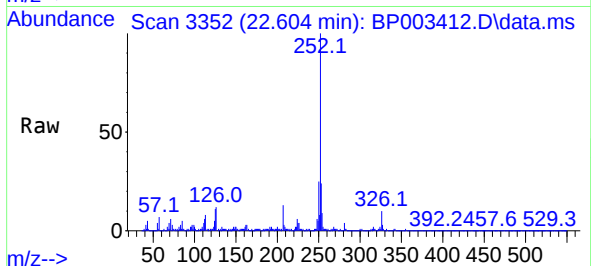
#88
Benzo(b)fluoranthene
Concen: 8.17 ng m
RT: 22.604 min Scan# 3352
Delta R.T. -0.006 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Instrument :
BNA_P
ClientSampleId :
DUP-2

Tgt Ion:252 Resp: 373814
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 10.7 7.3 10.9

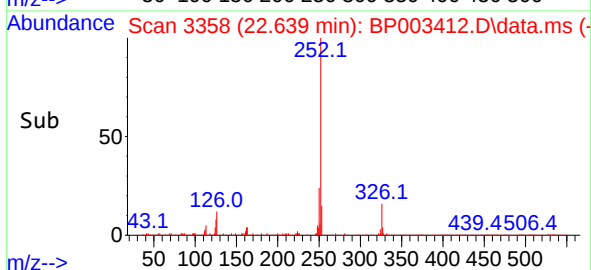
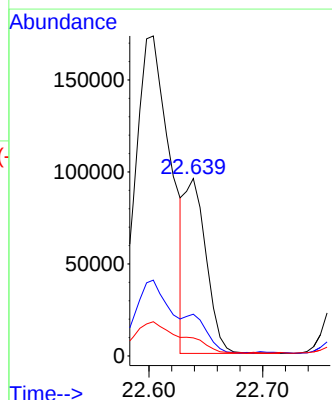
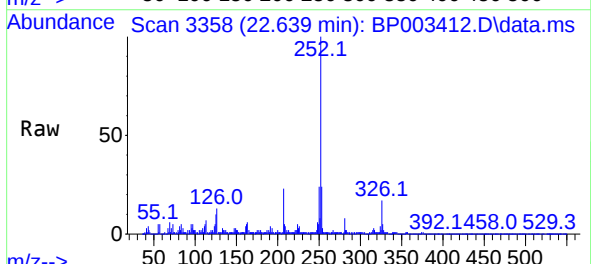
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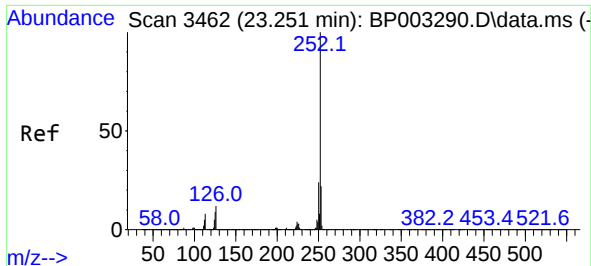
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#89
Benzo(k)fluoranthene
Concen: 2.83 ng m
RT: 22.639 min Scan# 3358
Delta R.T. -0.012 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:252 Resp: 124129
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 10.2 7.4 11.2





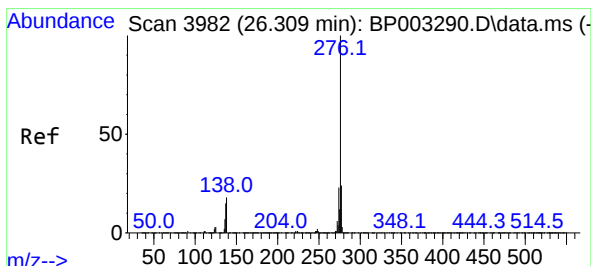
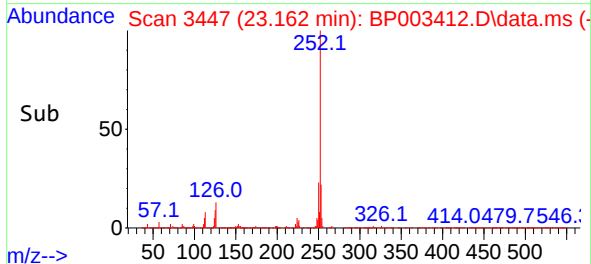
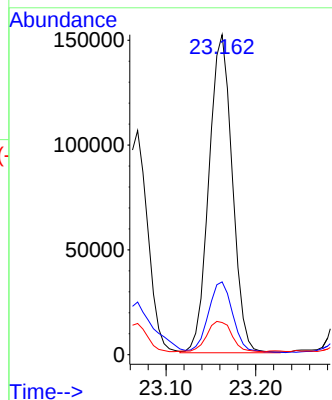
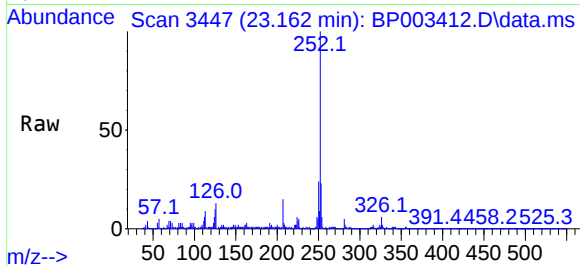
#90
Benzo(a)pyrene
Concen: 6.36 ng
RT: 23.162 min Scan# 3447
Delta R.T. -0.012 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:	252	Resp:	274520
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.0
125	10.1	8.2	12.4

Instrument :
BNA_P
ClientSampled :
DUP-2

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.08 ng
RT: 26.156 min Scan# 3956
Delta R.T. -0.029 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:	276	Resp:	184475
Ion Ratio	Lower	Upper	
276	100		
277	24.4	19.0	28.6
138	19.5	16.6	24.8

