

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
 Data File : BP003432.D
 Acq On : 01 Oct 2020 01:43
 Operator : CG/JU
 Sample : L4193-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-12(13-14)

Manual Integrations
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Quant Time: Oct 01 04:08:40 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	7.540	152	98546	20.00	ng	0.00
21) Naphthalene-d8	10.316	136	423094	20.00	ng	# 0.00
39) Acenaphthene-d10	14.192	164	269066	20.00	ng	0.00
64) Phenanthrene-d10	16.963	188	592805	20.00	ng	# 0.02
76) Chrysene-d12	21.163	240	537550	20.00	ng	0.10
86) Perylene-d12	23.686	264	557316m	20.00	ng	0.43
System Monitoring Compounds						
5) 2-Fluorophenol	5.158	112	540642	95.80	ng	0.00
7) Phenol-d6	6.746	99	715834	95.16	ng	0.00
23) Nitrobenzene-d5	8.693	82	459568	63.81	ng	0.00
42) 2,4,6-Tribromophenol	15.710	330	312867	76.24	ng	0.02
45) 2-Fluorobiphenyl	12.810	172	1093738	59.45	ng	0.00
79) Terphenyl-d14	19.575	244	1601231	62.06	ng	0.04
Target Compounds						Qvalue
49) Acenaphthylene	13.916	152	120022	4.73	ng	98
50) Dimethylphthalate	13.657	163	99562	4.63	ng	100
58) Fluorene	15.251	166	44482	2.28	ng	# 99
71) Phenanthrene	17.004	178	1184143	36.71	ng	99
72) Anthracene	17.098	178	381973	12.02	ng	99
73) Carbazole	17.386	167	82802	2.74	ng	98
75) Fluoranthene	19.016	202	2798800	69.01	ng	99
78) Pyrene	19.375	202	2814915	83.97	ng	99
81) Benzo(a)anthracene	21.163	228	1325193	38.14	ng	# 94
83) Chrysene	21.192	228	1363114m	40.83	ng	
88) Benzo(b)fluoranthene	22.904	252	2400132m	68.20	ng	
89) Benzo(k)fluoranthene	23.510	252	2460314m	72.94	ng	
90) Benzo(a)pyrene	23.510	252	2450440m	73.84	ng	
92) Benzo(g,h,i)perylene	26.421	276	1065980m	30.63	ng	

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

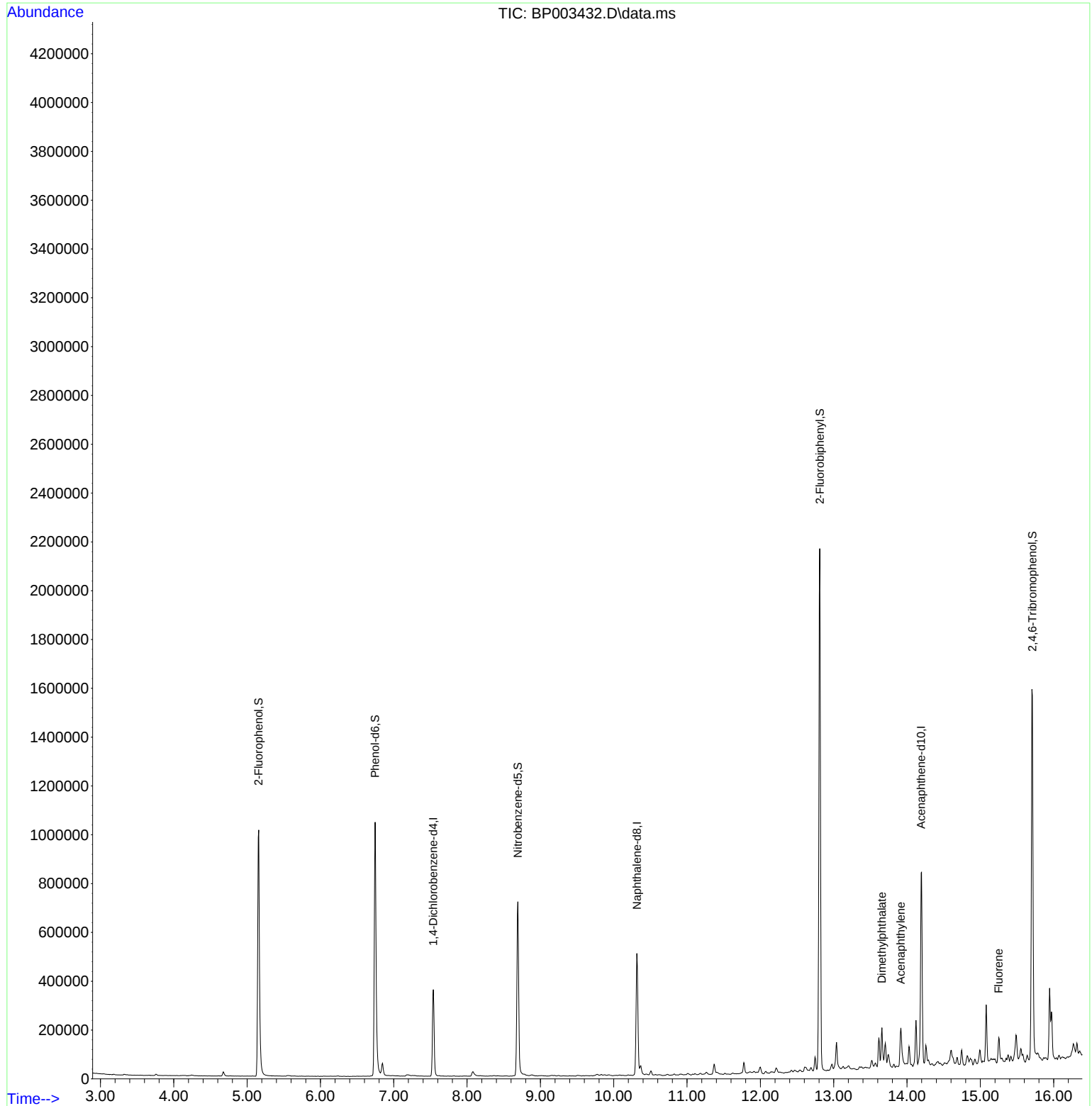
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Data File : BP003432.D
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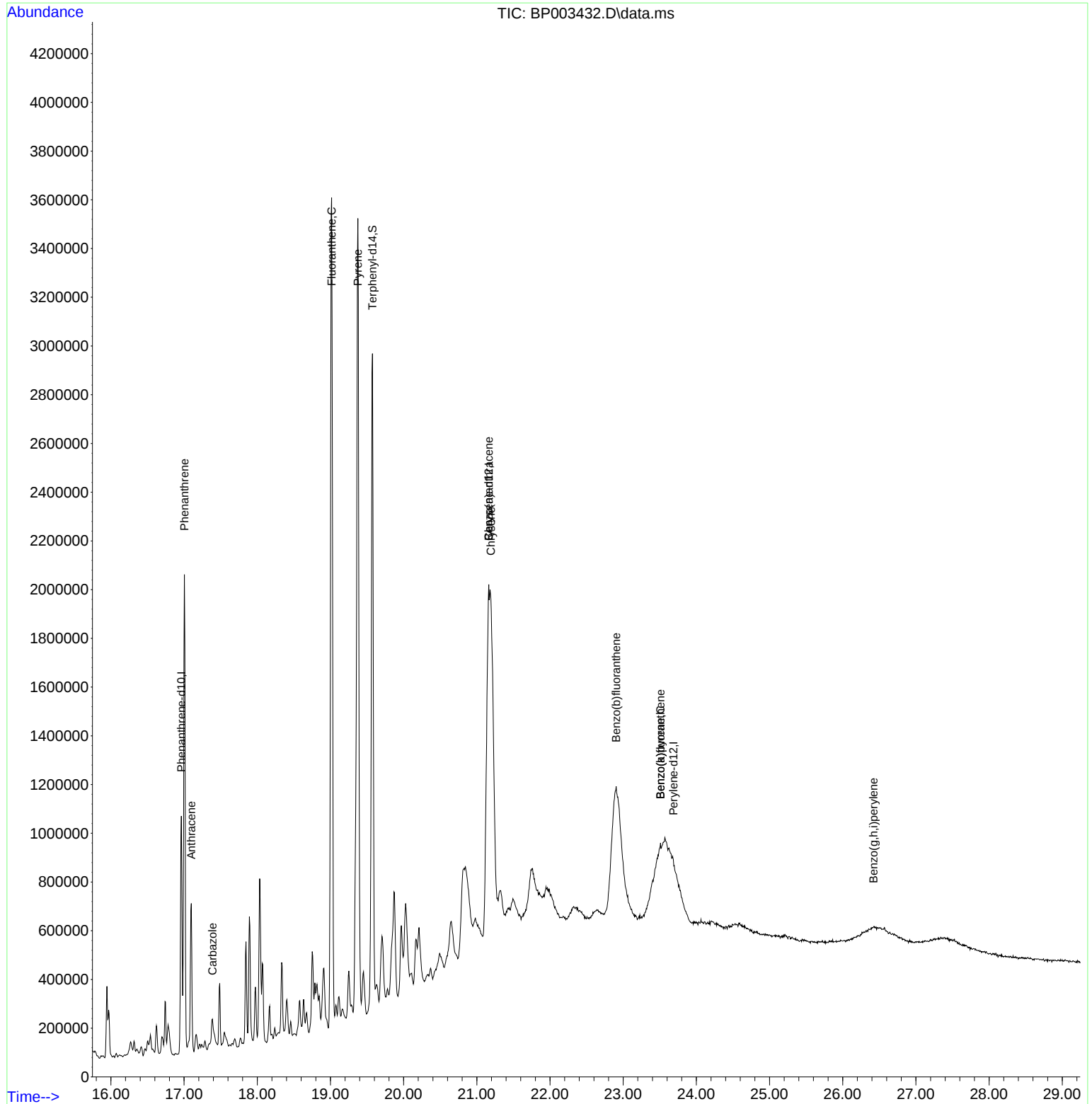
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Data File : BP003432.D
Acq On : 01 Oct 2020 01:43
Operator : CG/JU
Sample : L4193-03
Misc :
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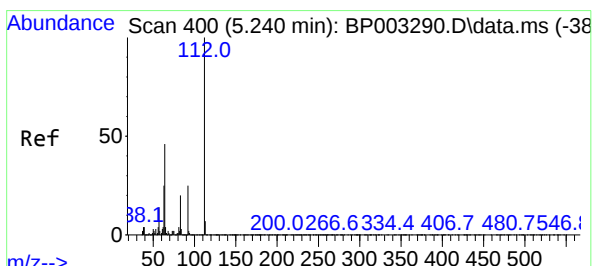
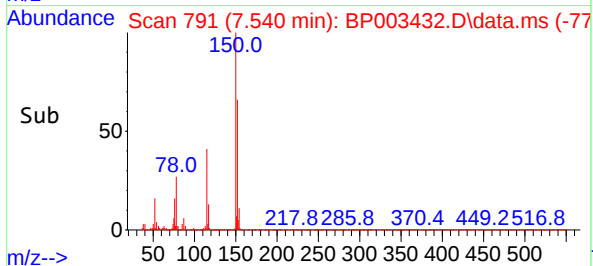
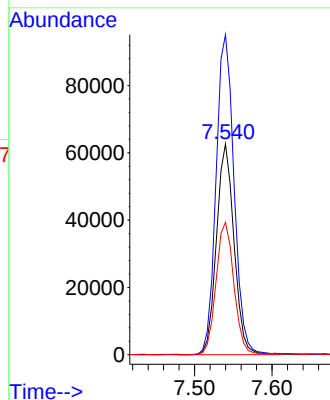
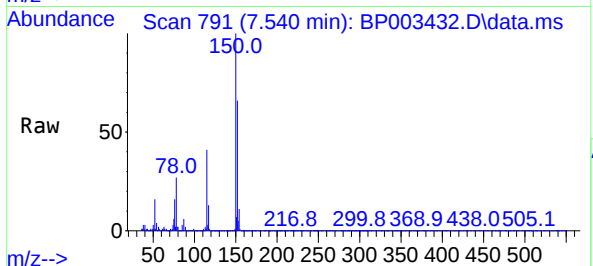
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.540 min Scan# 791
Delta R.T. 0.006 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

Tgt Ion:152 Resp: 98546
Ion Ratio Lower Upper
152 100
150 151.8 123.8 185.6
115 62.8 43.8 65.6

Instrument :
BNA_P
ClientSampled :
B-12(13-14)

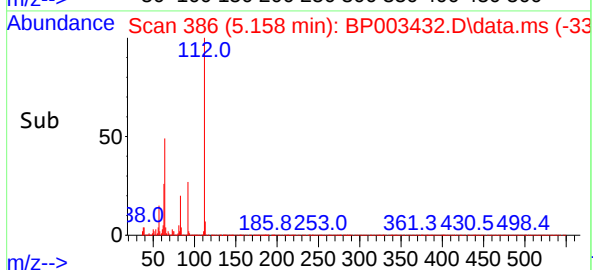
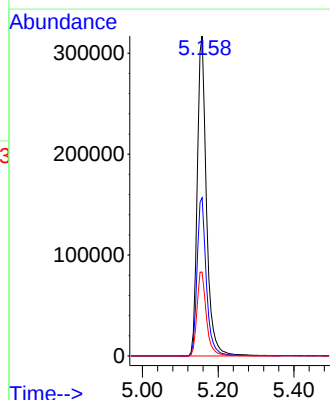
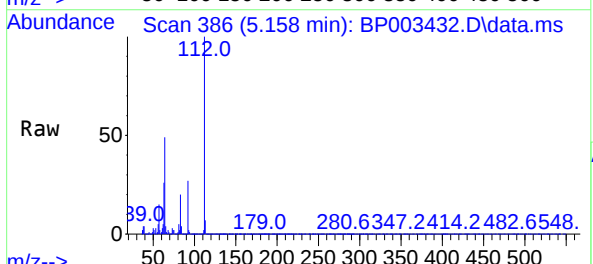
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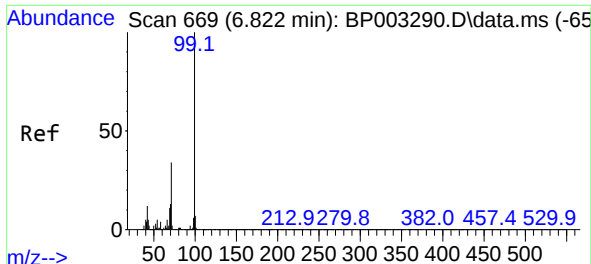
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#5
2-Fluorophenol
Concen: 95.80 ng
RT: 5.158 min Scan# 386
Delta R.T. 0.006 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

Tgt Ion:112 Resp: 540642
Ion Ratio Lower Upper
112 100
64 49.5 32.8 49.2#
63 26.2 17.0 25.4#





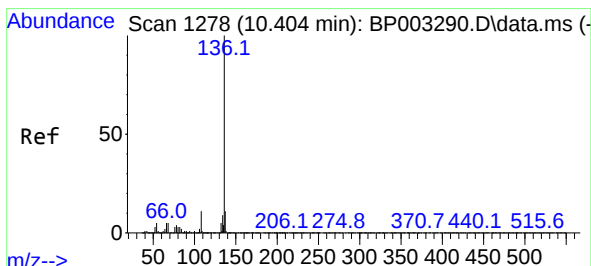
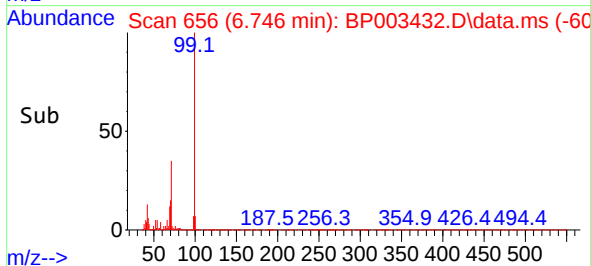
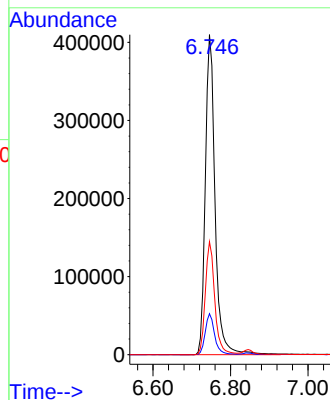
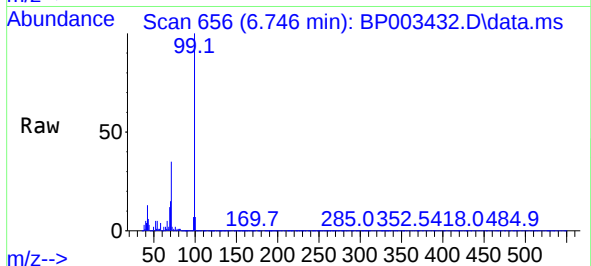
#7
Phenol-d6
Concen: 95.16 ng
RT: 6.746 min Scan# 656
Delta R.T. 0.006 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

Tgt Ion: 99 Resp: 715834
Ion Ratio Lower Upper
99 100
42 12.8 8.6 13.0
71 35.3 23.4 35.2#

Instrument :
BNA_P
ClientSampleId :
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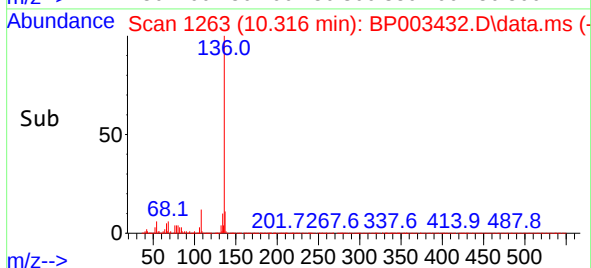
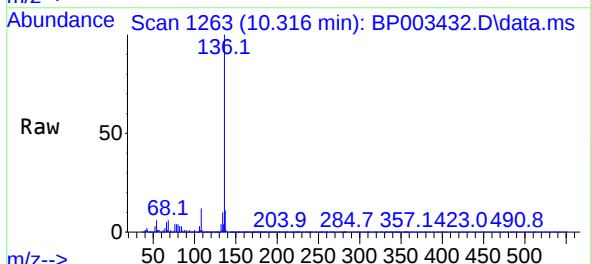
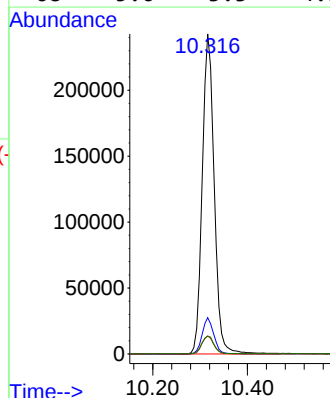
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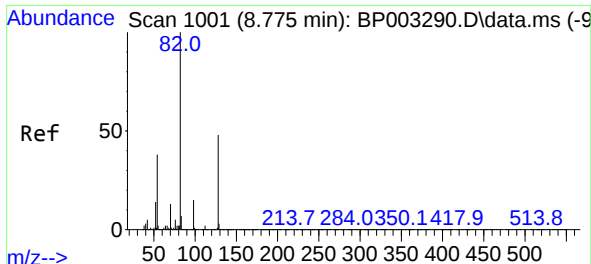
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.316 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

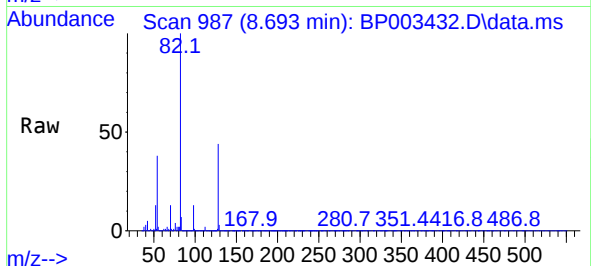
Tgt Ion: 136 Resp: 423094
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 5.6 3.6 5.4#
68 5.6 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 63.81 ng
RT: 8.693 min Scan# 987
Delta R.T. 0.006 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

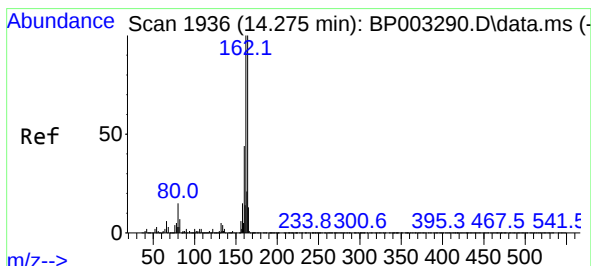
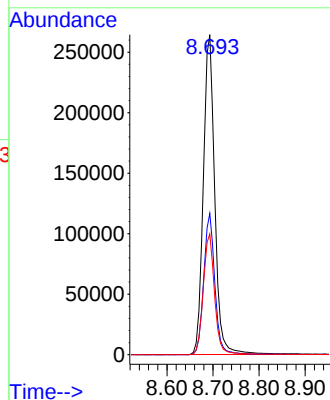
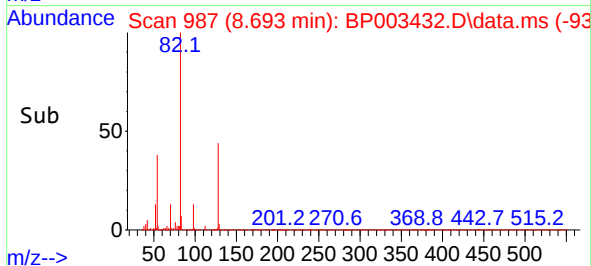
Instrument :
BNA_P
ClientSampleId :
B-12(13-14)



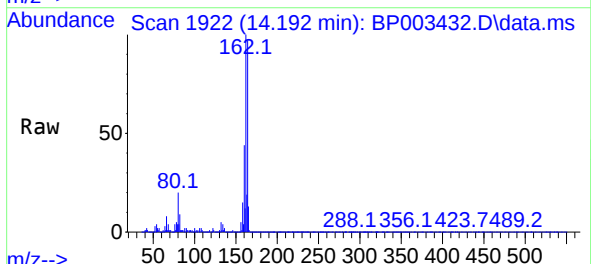
Tgt Ion: 82 Resp: 459568
Ion Ratio Lower Upper
82 100
128 44.1 45.6 68.4#
54 37.7 30.1 45.1

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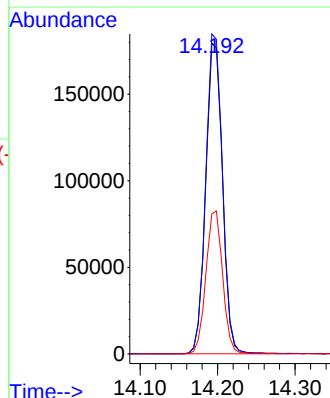
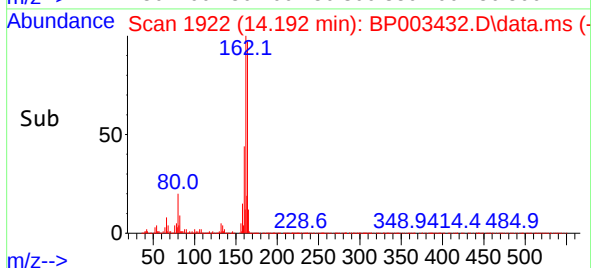
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.192 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

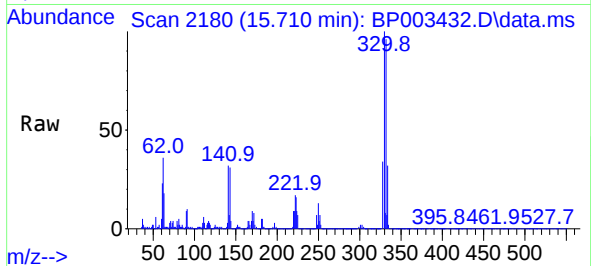


Tgt Ion: 164 Resp: 269066
Ion Ratio Lower Upper
164 100
162 103.0 79.4 119.2
160 45.1 36.1 54.1

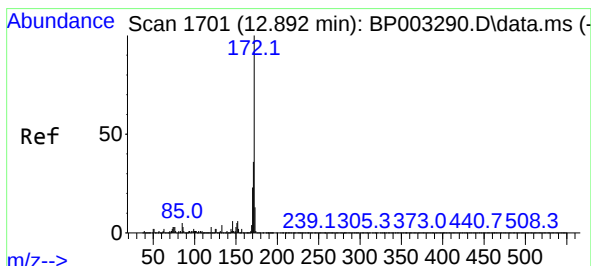
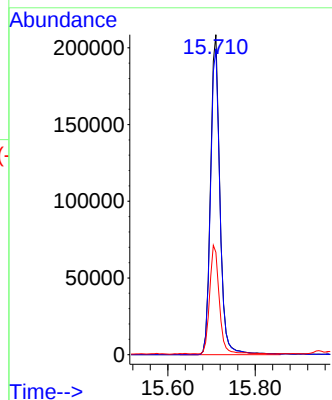
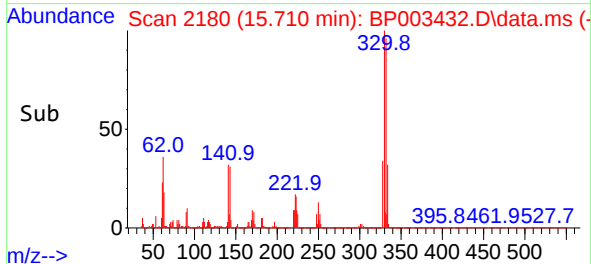




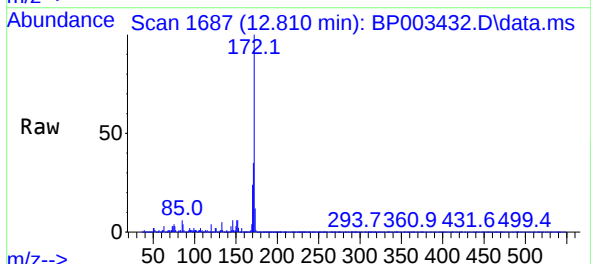
#42
2,4,6-Tribromophenol
Concen: 76.24 ng
RT: 15.710 min Scan# 2180
Delta R.T. 0.018 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43



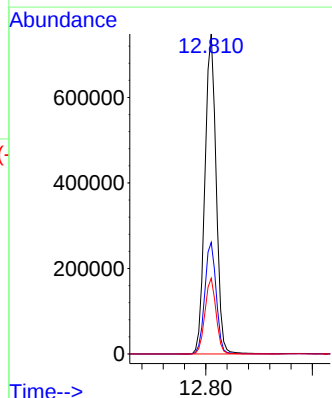
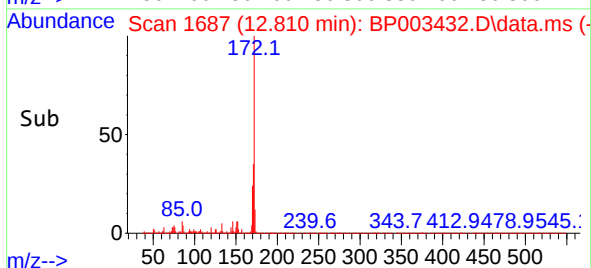
Tgt Ion: 330 Resp: 312867
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 34.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 59.45 ng
RT: 12.810 min Scan# 1687
Delta R.T. 0.006 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43



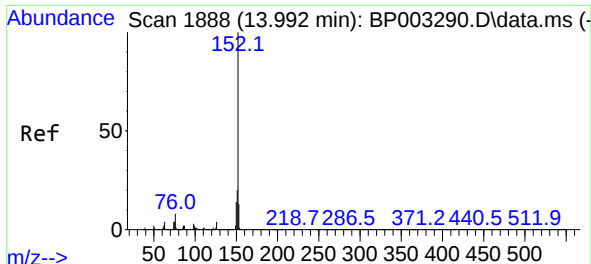
Tgt Ion: 172 Resp: 1093738
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.6 19.2 28.8



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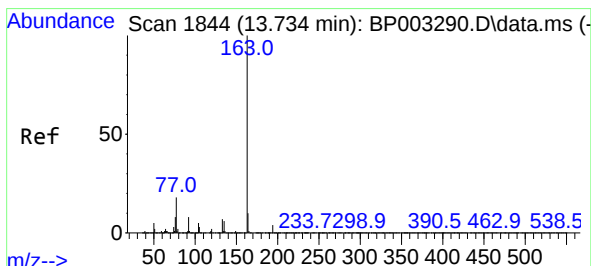
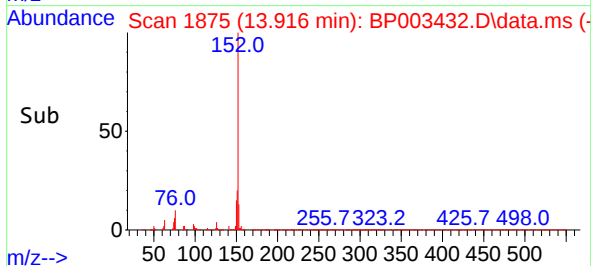
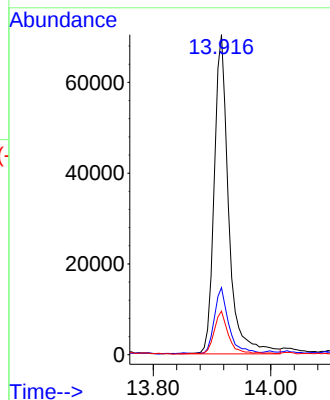
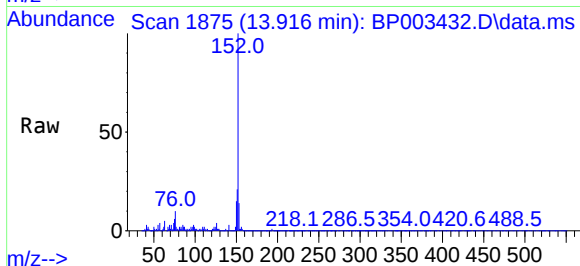
#49
Acenaphthylene
Concen: 4.73 ng
RT: 13.916 min Scan# 1875
Delta R.T. 0.006 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

Tgt Ion:	152	Resp:	120022
Ion Ratio	Lower	Upper	
152	100		
151	20.9	15.9	23.9
153	13.6	10.5	15.7

Instrument :
BNA_P
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B-12(13-14)

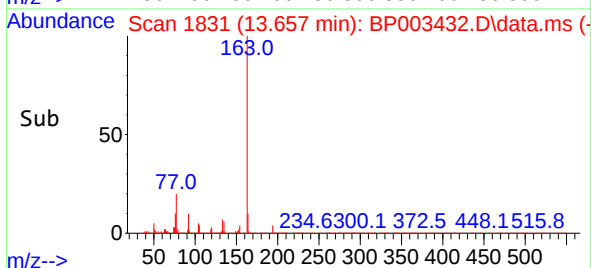
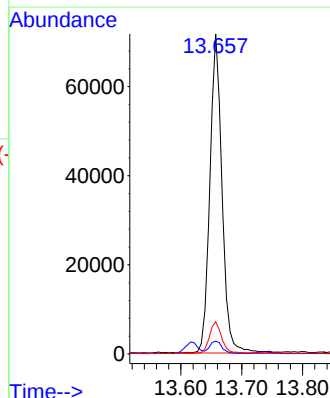
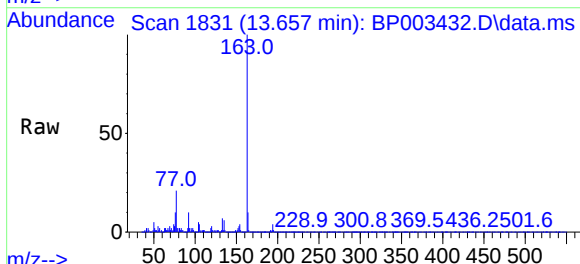
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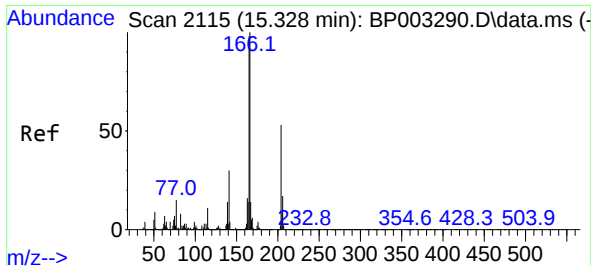
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#50
Dimethylphthalate
Concen: 4.63 ng
RT: 13.657 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

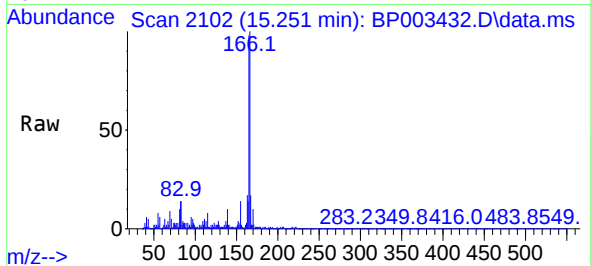
Tgt Ion:	163	Resp:	99562
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.3	4.9
164	10.1	8.2	12.2





#58
Fluorene
Concen: 2.28 ng
RT: 15.251 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

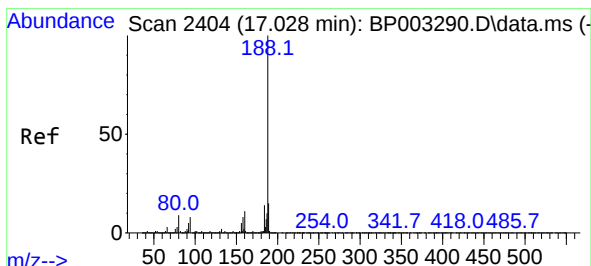
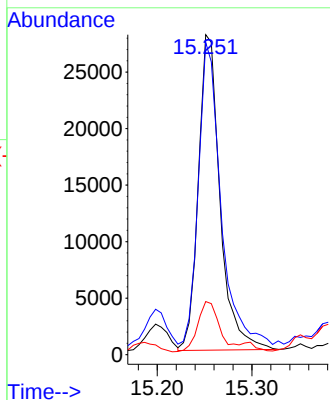
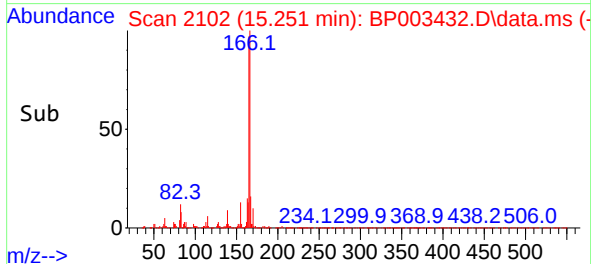
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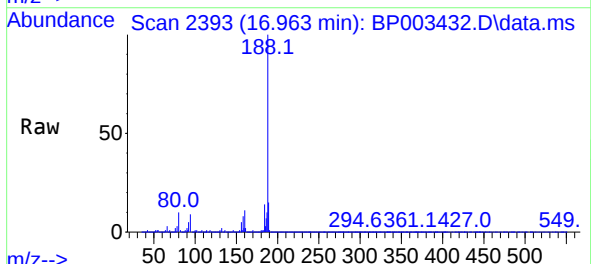
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Ion Ratio Lower Upper
166 100
165 97.5 77.8 116.8
167 16.6 11.0 16.4#

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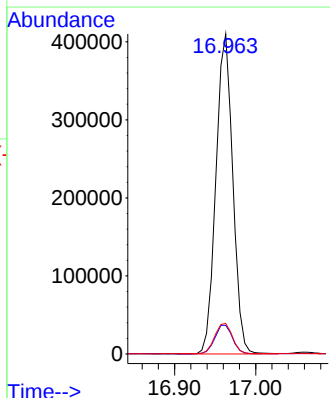
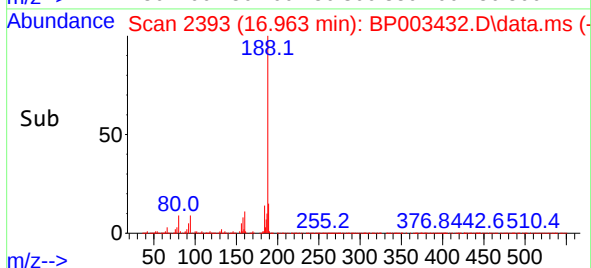
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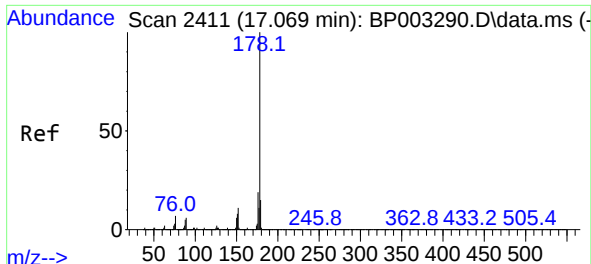


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.963 min Scan# 2393
Delta R.T. 0.018 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43



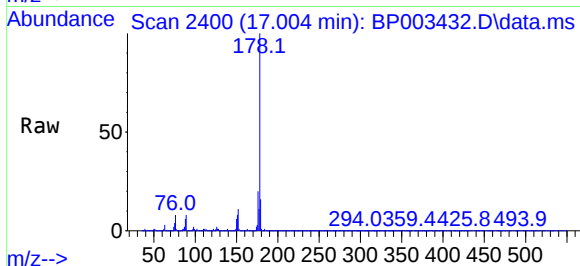
Tgt Ion:188 Resp: 592805
Ion Ratio Lower Upper
188 100
94 8.9 6.2 9.2
80 9.5 6.2 9.2#





#71
Phenanthrene
Concen: 36.71 ng
RT: 17.004 min Scan# 2400
Delta R.T. 0.012 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

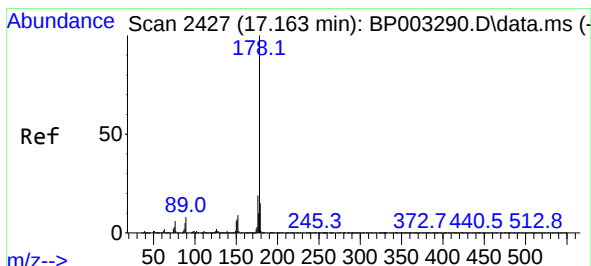
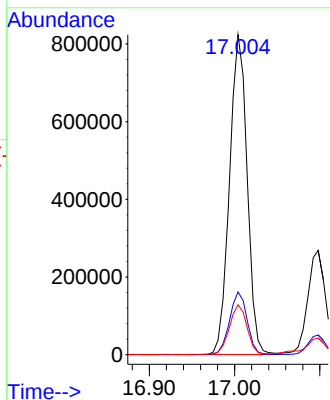
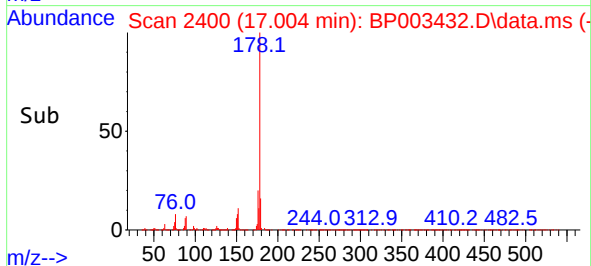
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BNA_P
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B-12(13-14)



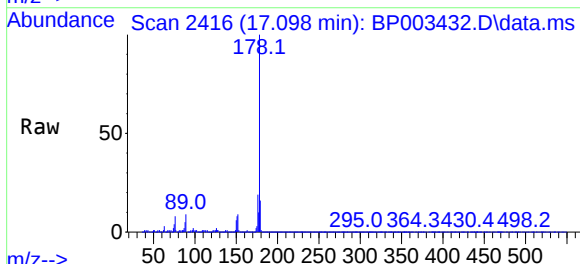
Tgt Ion:178 Resp: 1184143
Ion Ratio Lower Upper
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176 19.6 15.3 22.9
179 15.6 12.5 18.7

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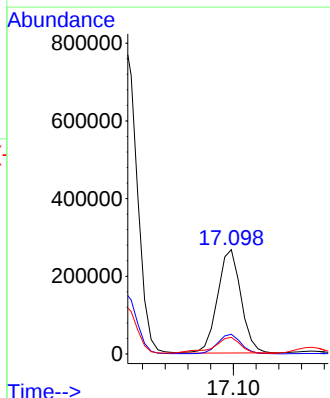
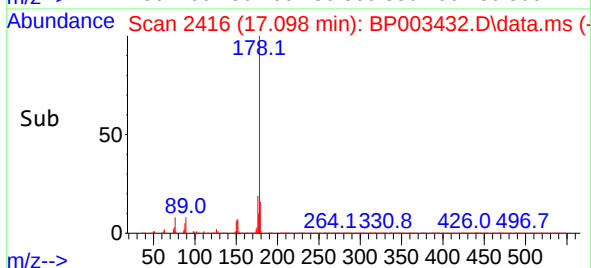
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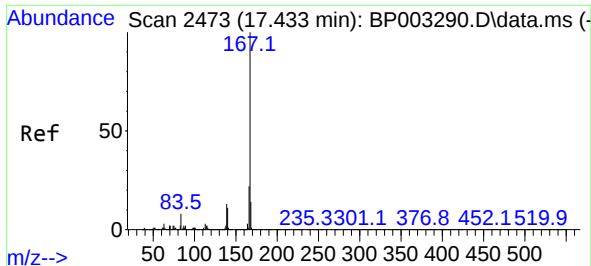


#72
Anthracene
Concen: 12.02 ng
RT: 17.098 min Scan# 2416
Delta R.T. 0.018 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43



Tgt Ion:178 Resp: 381973
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.9 12.5 18.7





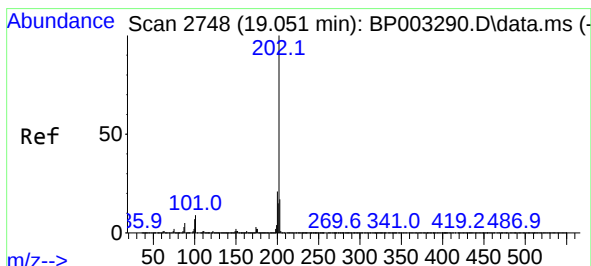
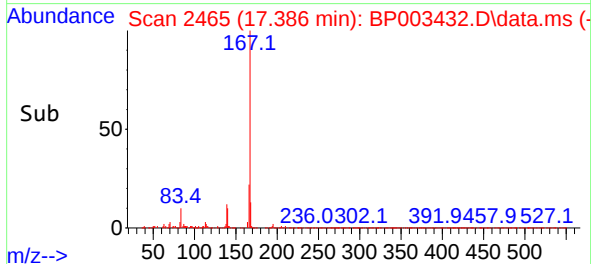
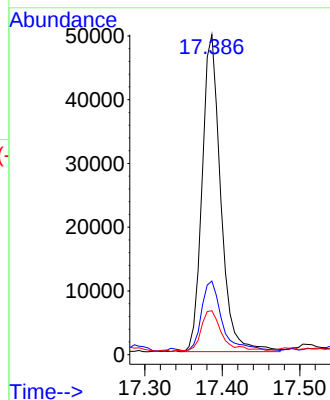
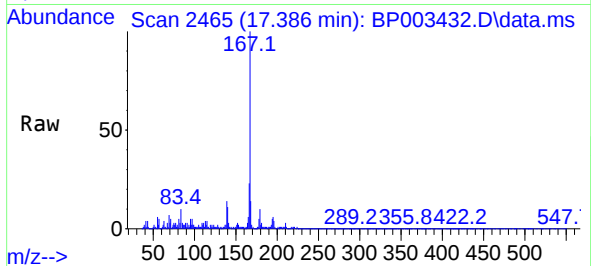
#73
 Carbazole
 Concen: 2.74 ng
 RT: 17.386 min Scan# 2465
 Delta R.T. 0.023 min
 Lab File: BP003432.D
 Acq: 01 Oct 2020 01:43

Tgt Ion:	167	Resp:	82802
Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.6	26.4
139	13.8	10.2	15.4

Instrument :
 BNA_P
 ClientSampleId :
 B-12(13-14)

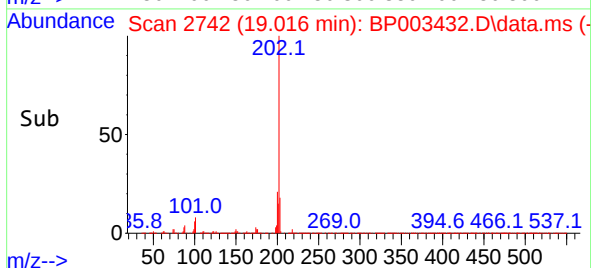
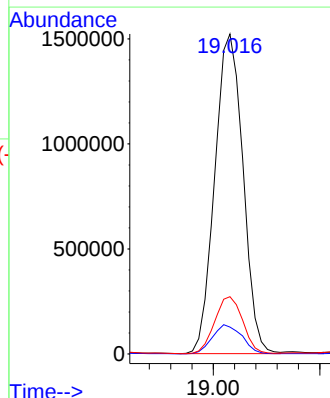
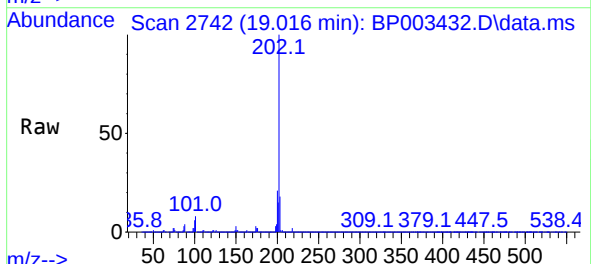
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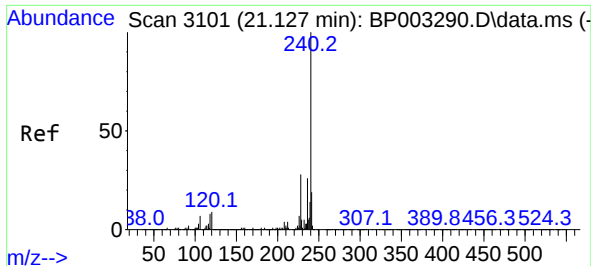
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#75
 Fluoranthene
 Concen: 69.01 ng
 RT: 19.016 min Scan# 2742
 Delta R.T. 0.035 min
 Lab File: BP003432.D
 Acq: 01 Oct 2020 01:43

Tgt Ion:	202	Resp:	2798800
Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	29.4
203	17.9	0.0	37.8





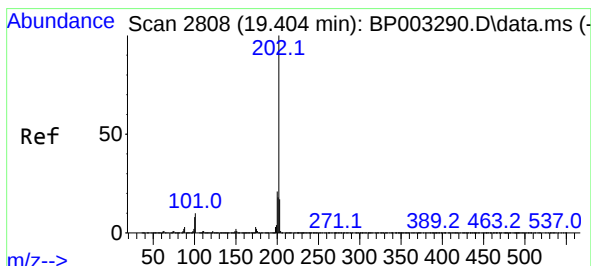
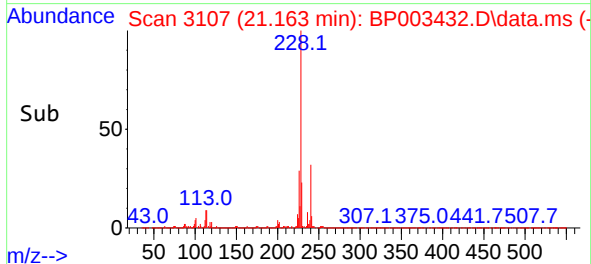
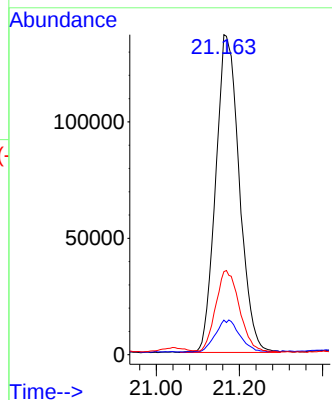
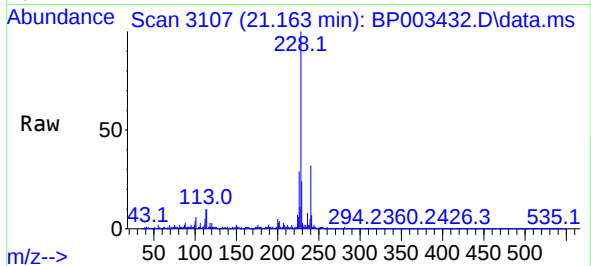
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.163 min Scan# 3107
Delta R.T. 0.100 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

Tgt Ion:240 Resp: 537550
Ion Ratio Lower Upper
240 100
120 10.8 7.8 11.6
236 26.0 20.8 31.2

Instrument :
BNA_P
ClientSampleId :
B-12(13-14)

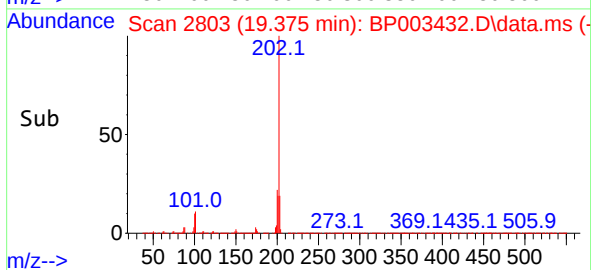
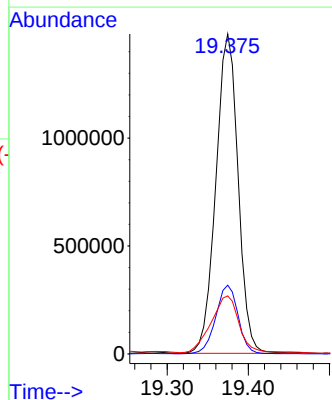
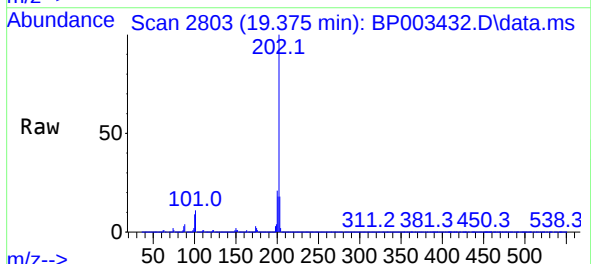
Manual Integrations
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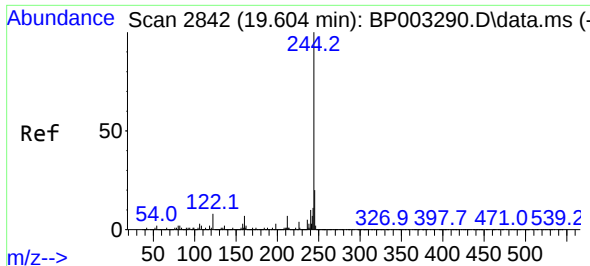
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#78
Pyrene
Concen: 83.97 ng
RT: 19.375 min Scan# 2803
Delta R.T. 0.041 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

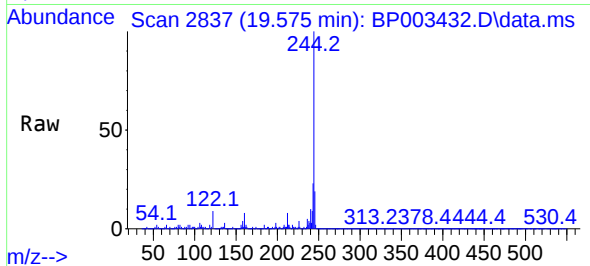
Tgt Ion:202 Resp: 2814915
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 18.2 14.2 21.2





#79
Terphenyl-d14
Concen: 62.06 ng
RT: 19.575 min Scan# 2837
Delta R.T. 0.041 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

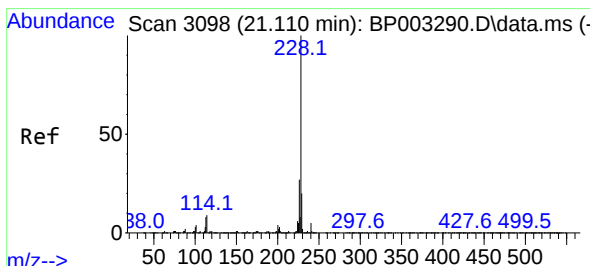
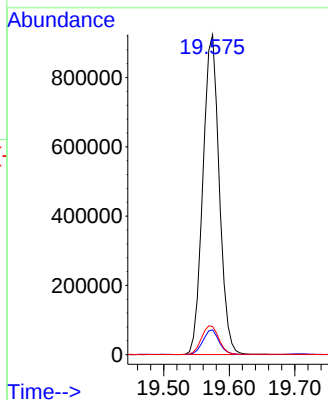
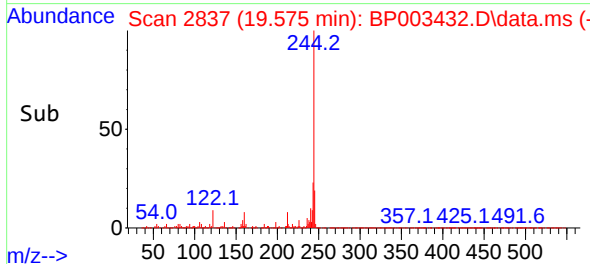
Instrument :
BNA_P
ClientSampled :
B-12(13-14)



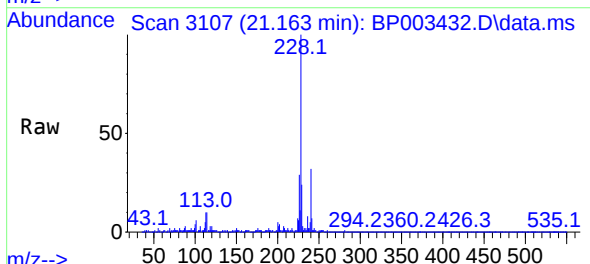
Tgt Ion:244 Resp: 1601231
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 8.8 7.8 11.8

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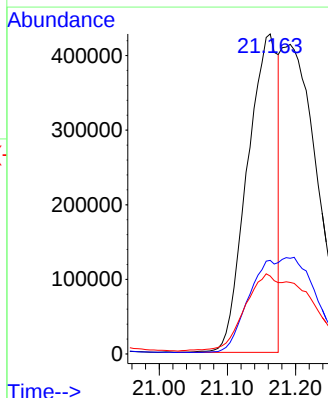
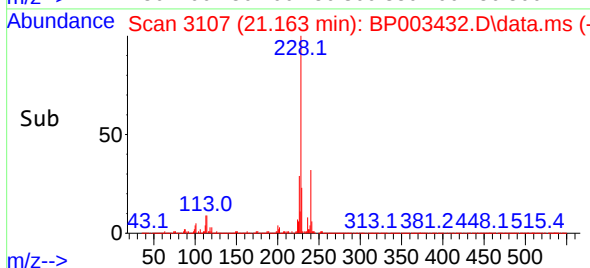
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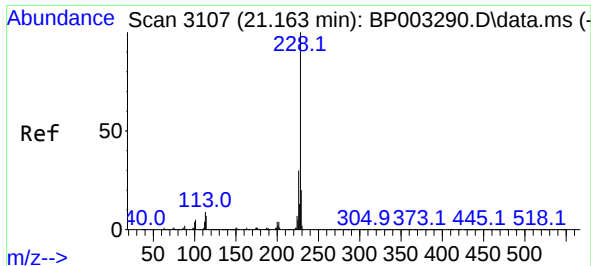


#81
Benzo(a)anthracene
Concen: 38.14 ng
RT: 21.163 min Scan# 3107
Delta R.T. 0.118 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

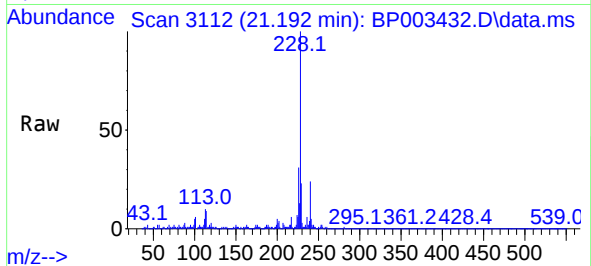


Tgt Ion:228 Resp: 1325193
Ion Ratio Lower Upper
228 100
226 29.2 22.1 33.1
229 24.4 15.9 23.9#

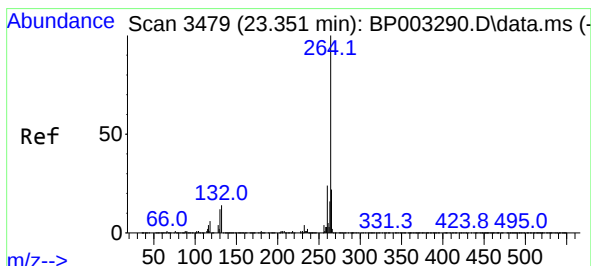
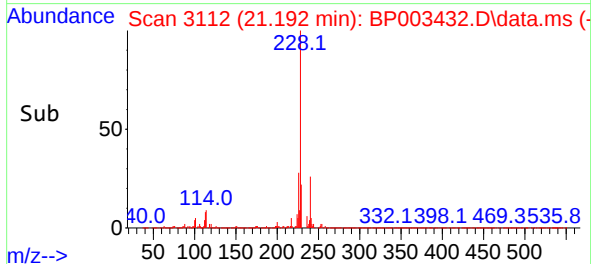
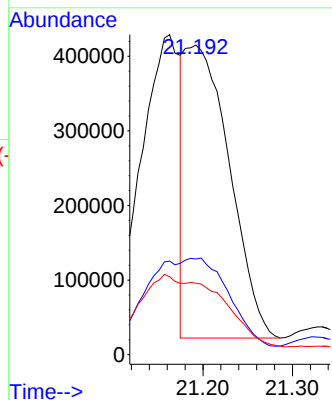




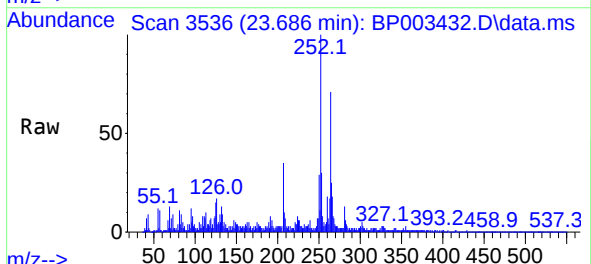
#83
Chrysene
Concen: 40.83 ng m
RT: 21.192 min Scan# 3112
Delta R.T. 0.094 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43



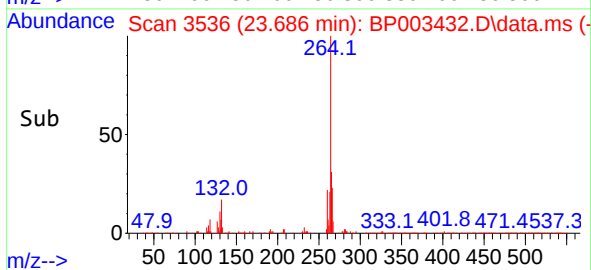
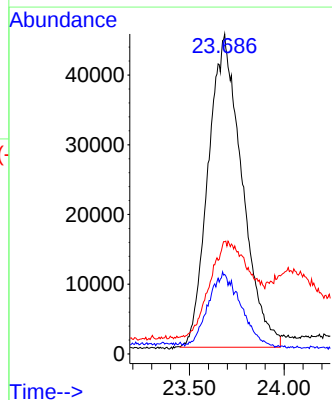
Tgt Ion:228 Resp: 1363114
Ion Ratio Lower Upper
228 100
226 30.9 24.4 36.6
229 23.1 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng m
RT: 23.686 min Scan# 3536
Delta R.T. 0.429 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43



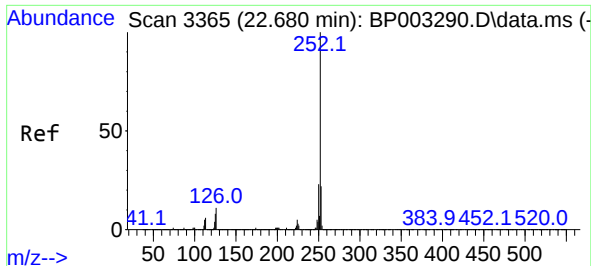
Tgt Ion:264 Resp: 557316
Ion Ratio Lower Upper
264 100
260 24.9 18.8 28.2
265 35.1 17.4 26.2#



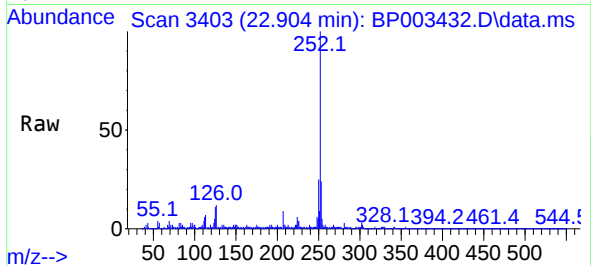
Instrument :
BNA_P
ClientSampled :
B-12(13-14)

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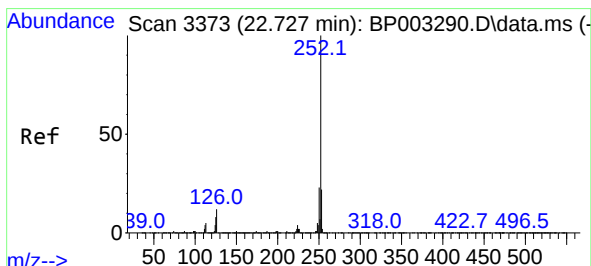
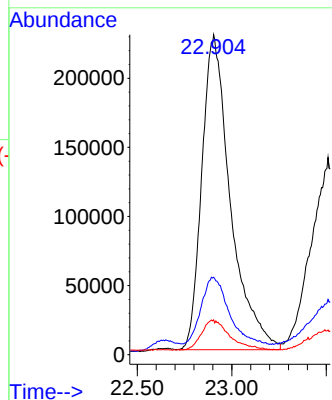
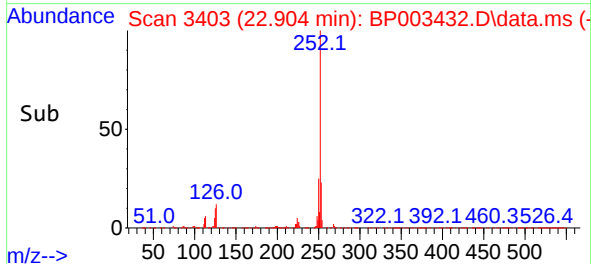
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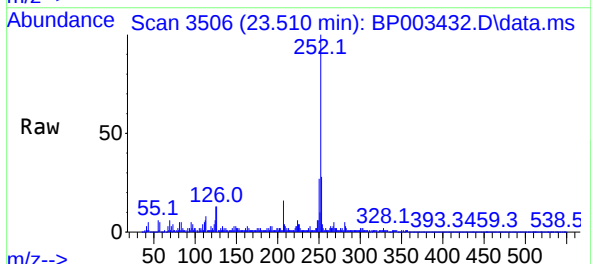
#88
Benzo(b)fluoranthene
Concen: 68.20 ng m
RT: 22.904 min Scan# 3403
Delta R.T. 0.312 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43



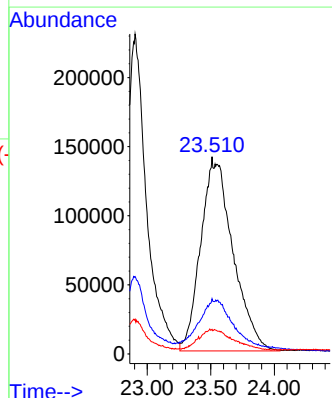
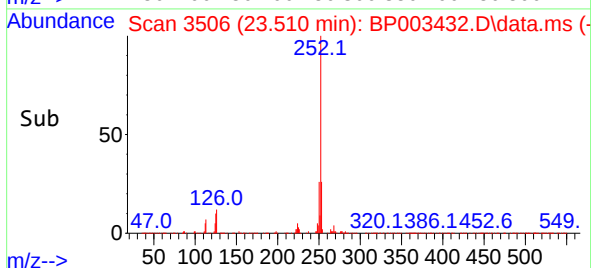
Tgt Ion:252 Resp: 2400132
Ion Ratio Lower Upper
252 100
253 24.2 17.6 26.4
125 10.9 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 72.94 ng m
RT: 23.510 min Scan# 3506
Delta R.T. 0.865 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43



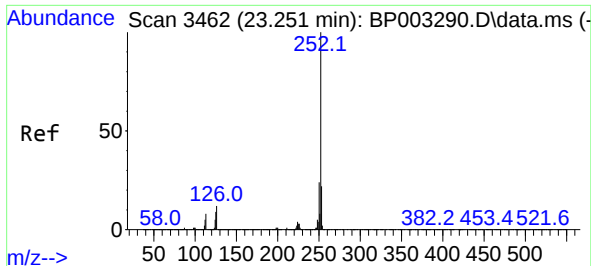
Tgt Ion:252 Resp: 2460314
Ion Ratio Lower Upper
252 100
253 28.0 17.8 26.8#
125 12.5 7.4 11.2#



Instrument :
BNA_P
ClientSampleId :
B-12(13-14)

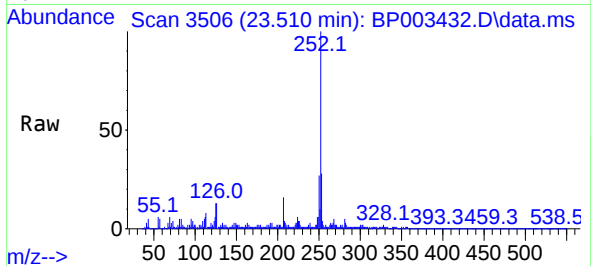
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#90
Benzo(a)pyrene
Concen: 73.84 ng m
RT: 23.510 min Scan# 3506
Delta R.T. 0.347 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43

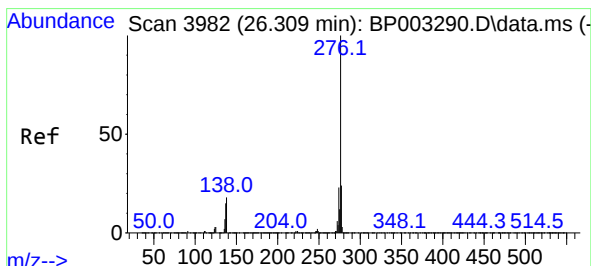
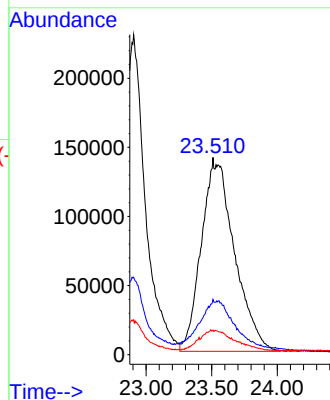
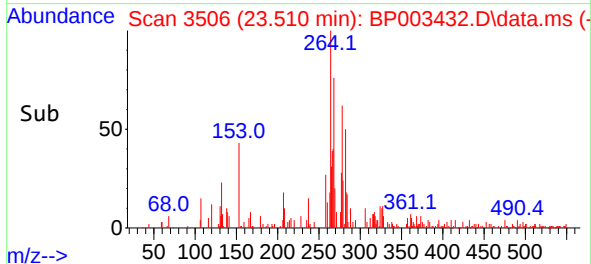
Instrument :
BNA_P
ClientSampled :
B-12(13-14)



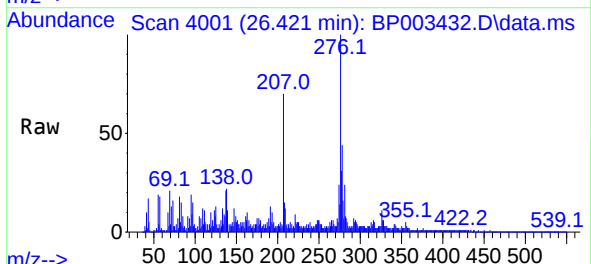
Tgt Ion:252 Resp: 2450440
Ion Ratio Lower Upper
252 100
253 28.0 17.4 26.0#
125 12.5 8.2 12.4#

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#92
Benzo(g,h,i)perylene
Concen: 30.63 ng m
RT: 26.421 min Scan# 4001
Delta R.T. 0.223 min
Lab File: BP003432.D
Acq: 01 Oct 2020 01:43



Tgt Ion:276 Resp: 1065980
Ion Ratio Lower Upper
276 100
277 30.9 19.0 28.6#
138 21.7 16.6 24.8

