

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
 Data File : BP003400.D
 Acq On : 29 Sep 2020 15:39
 Operator : CG/JU
 Sample : L4172-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-8(13-14)

Manual Integrations
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Quant Time: Sep 29 18:01:20 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	50096	20.00	ng	0.00
21) Naphthalene-d8	10.328	136	224512	20.00	ng	# 0.00
39) Acenaphthene-d10	14.198	164	162486	20.00	ng	-0.01
64) Phenanthrene-d10	16.957	188	394940	20.00	ng	# 0.00
76) Chrysene-d12	21.063	240	493748	20.00	ng	-0.01
86) Perylene-d12	23.251	264	582089	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.158	112	344848	120.20	ng	0.00
7) Phenol-d6	6.746	99	477834	124.95	ng	0.00
23) Nitrobenzene-d5	8.698	82	305663	79.98	ng	0.00
42) 2,4,6-Tribromophenol	15.704	330	230105	92.85	ng	0.00
45) 2-Fluorobiphenyl	12.816	172	716488	64.49	ng	0.00
79) Terphenyl-d14	19.539	244	1225463	51.71	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	13.669	163	121801	9.39	ng	99
71) Phenanthrene	16.998	178	350855	16.33	ng	100
72) Anthracene	17.092	178	97140	4.59	ng	99
75) Fluoranthene	18.986	202	687124	25.43	ng	99
78) Pyrene	19.333	202	579950	18.83	ng	100
81) Benzo(a)anthracene	21.045	228	353611	11.08	ng	100
83) Chrysene	21.098	228	289778	9.45	ng	97
87) Indeno(1,2,3-cd)pyrene	25.474	276	225775	5.12	ng	95
88) Benzo(b)fluoranthene	22.598	252	402798m	10.96	ng	
89) Benzo(k)fluoranthene	22.633	252	156622m	4.45	ng	
90) Benzo(a)pyrene	23.157	252	311064	8.97	ng	98
92) Benzo(g,h,i)perylene	26.151	276	211319	5.81	ng	99

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

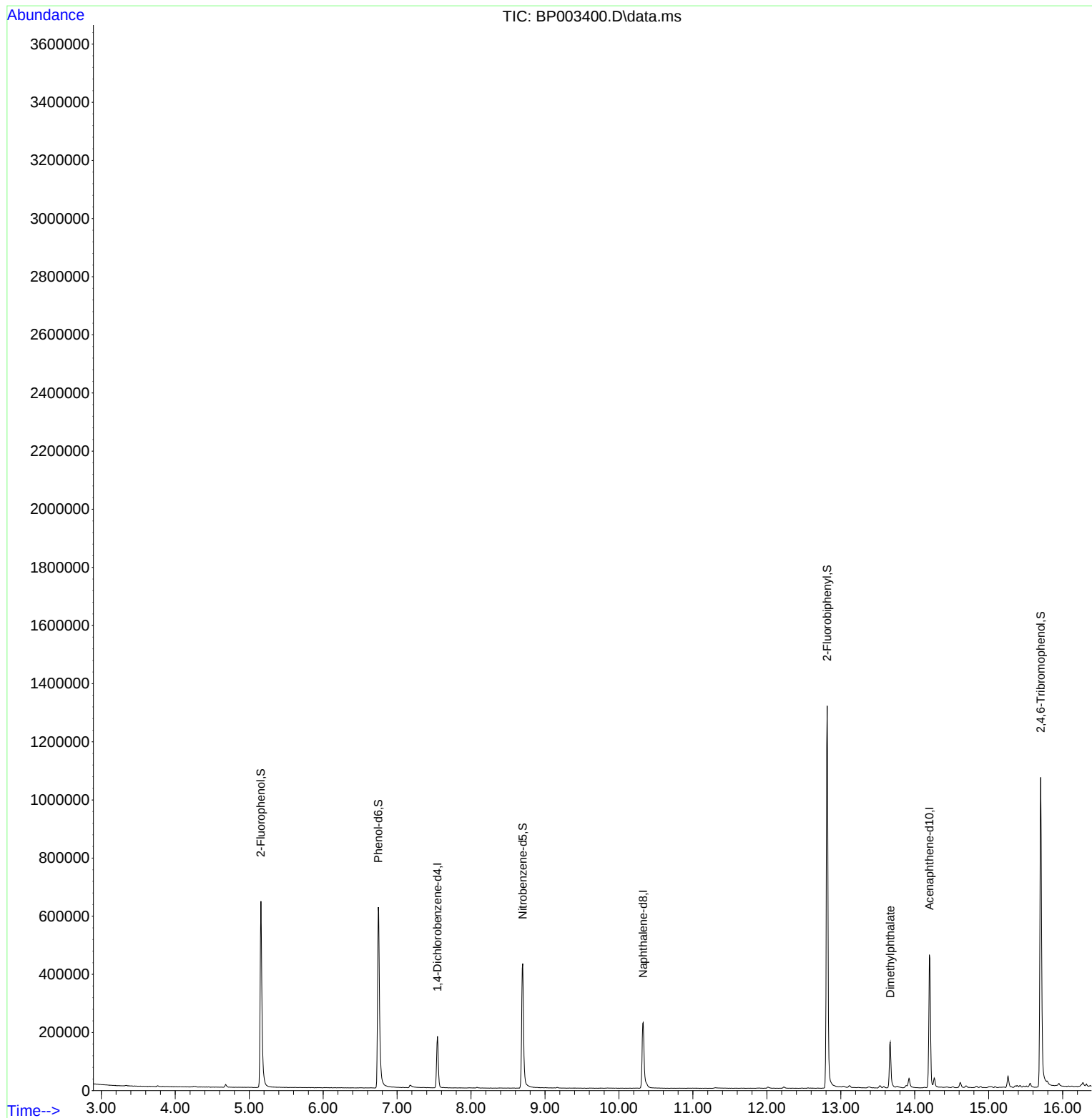
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Data File : BP003400.D
Acq On : 29 Sep 2020 15:39
Operator : CG/JU
Sample : L4172-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 17:55:44 2020
Response via : Initial Calibration



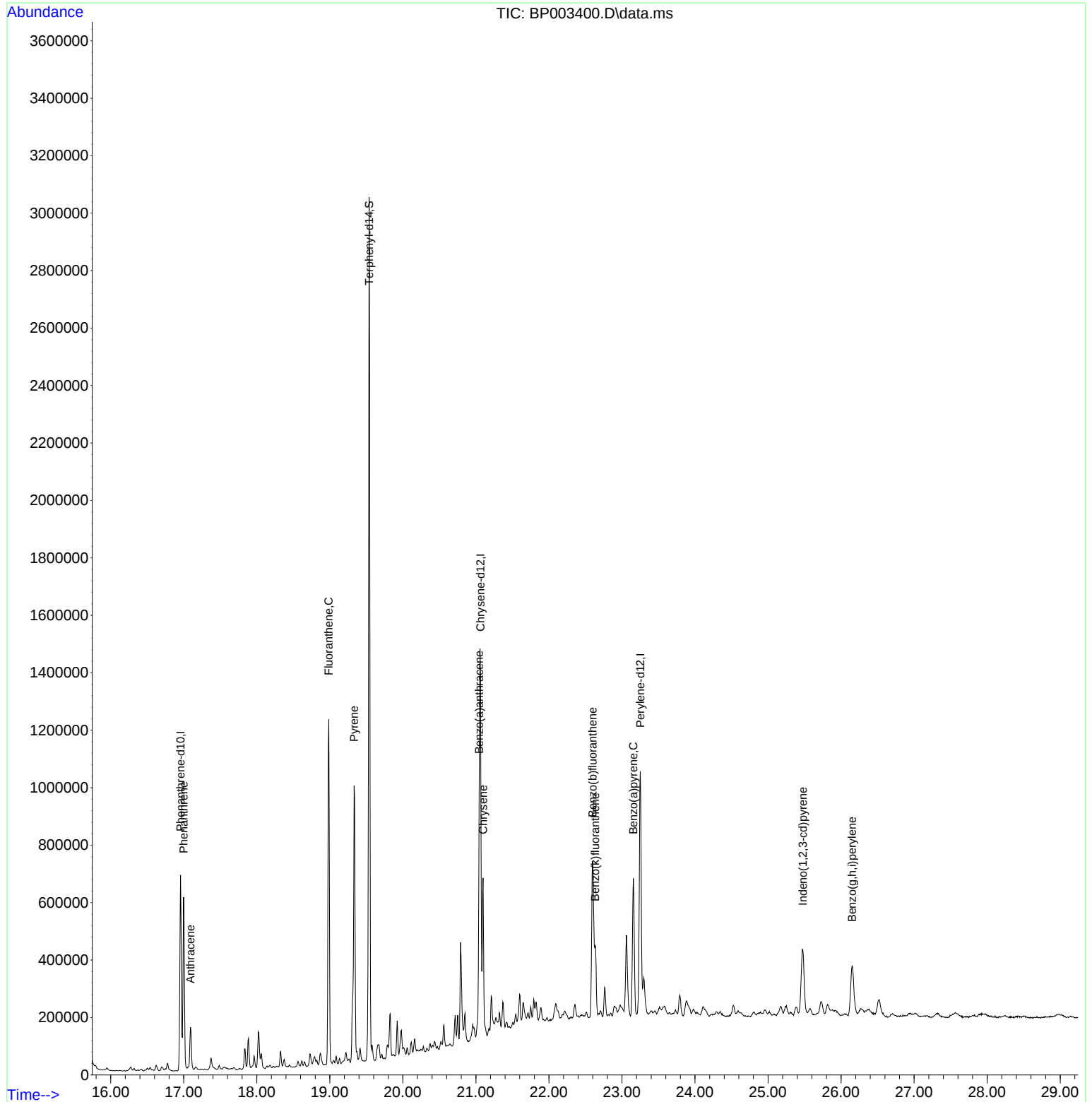
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Data File : BP003400.D
Acq On : 29 Sep 2020 15:39
Operator : CG/JU
Sample : L4172-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

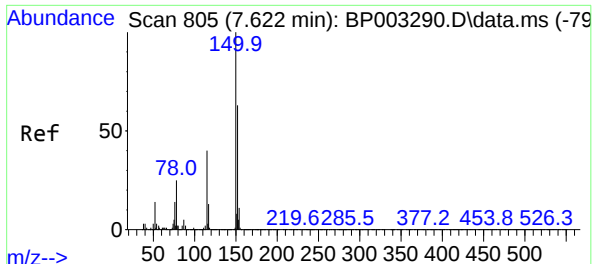
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ClientSampleId :
B-8(13-14)

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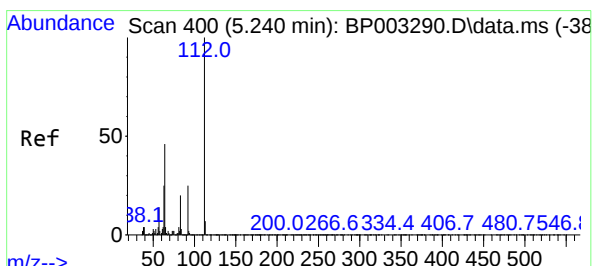
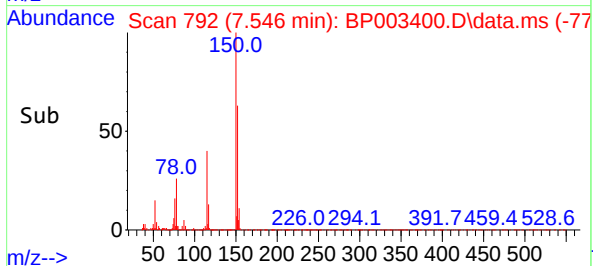
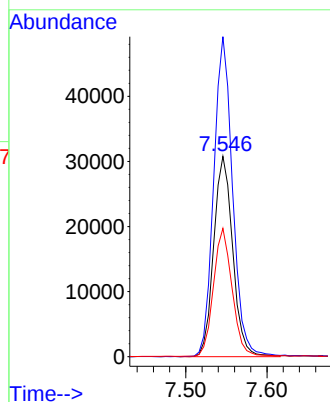
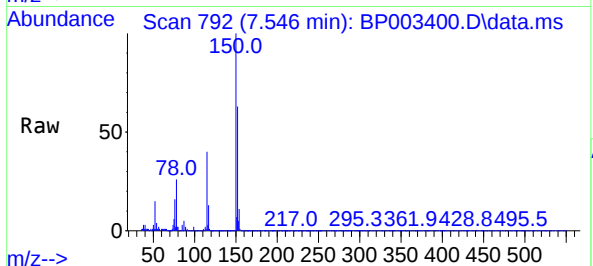
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.546 min Scan# 792
Delta R.T. -0.000 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:152 Resp: 50096
Ion Ratio Lower Upper
152 100
150 159.7 123.8 185.6
115 64.1 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
B-8(13-14)

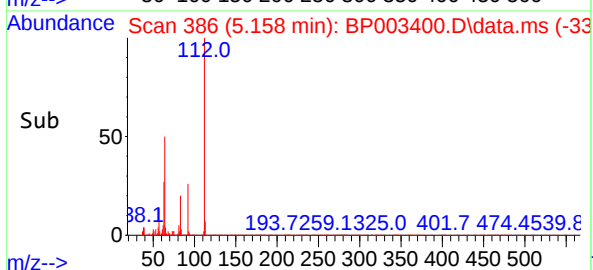
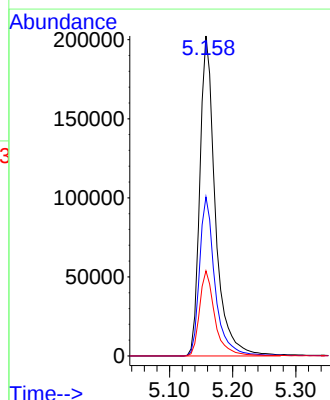
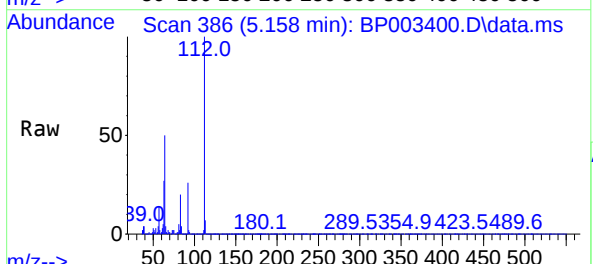
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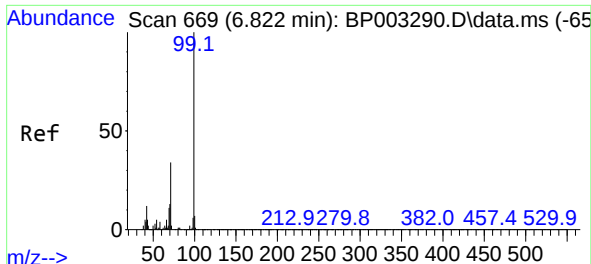
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#5
2-Fluorophenol
Concen: 120.20 ng
RT: 5.158 min Scan# 386
Delta R.T. -0.006 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:112 Resp: 344848
Ion Ratio Lower Upper
112 100
64 49.7 32.8 49.2#
63 26.6 17.0 25.4#





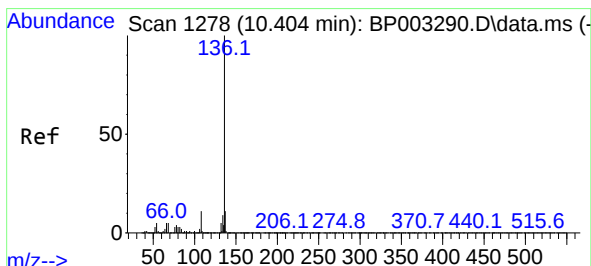
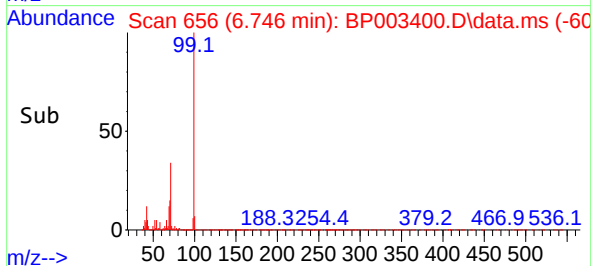
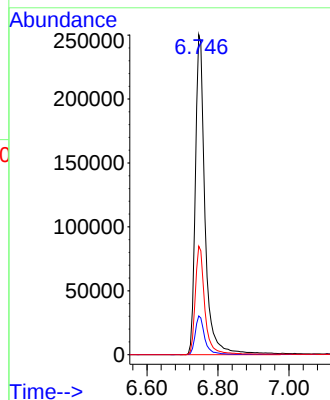
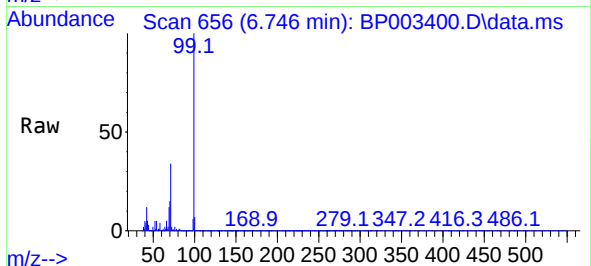
#7
Phenol-d6
Concen: 124.95 ng
RT: 6.746 min Scan# 656
Delta R.T. -0.006 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion: 99 Resp: 477834
Ion Ratio Lower Upper
99 100
42 12.1 8.6 13.0
71 33.9 23.4 35.2

Instrument :
BNA_P
ClientSampled :
B-8(13-14)

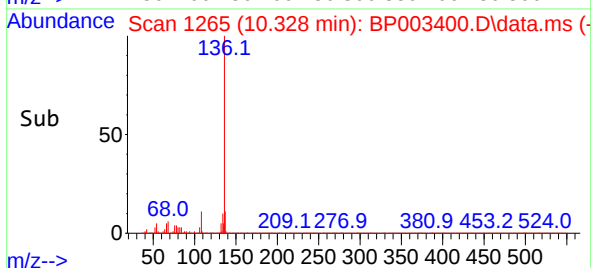
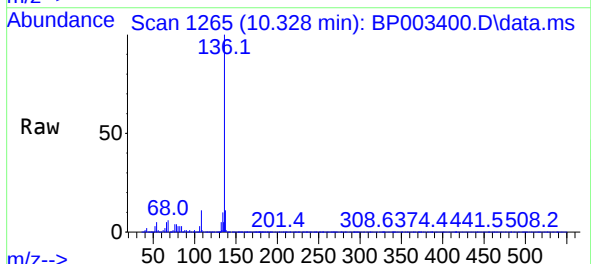
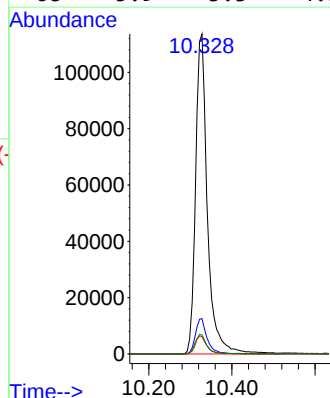
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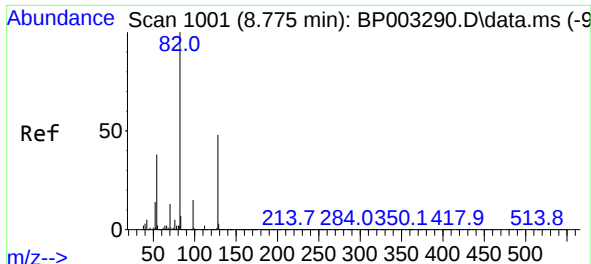
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.328 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

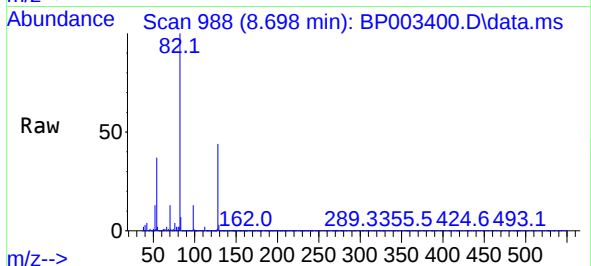
Tgt Ion: 136 Resp: 224512
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 5.5 3.6 5.4#
68 5.9 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 79.98 ng
RT: 8.698 min Scan# 988
Delta R.T. -0.006 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

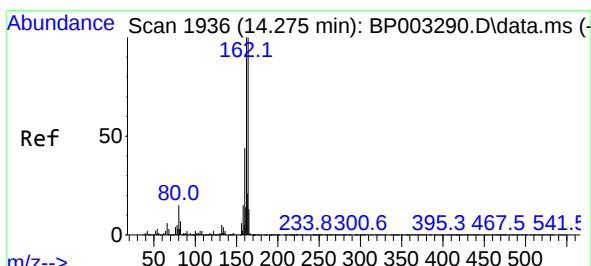
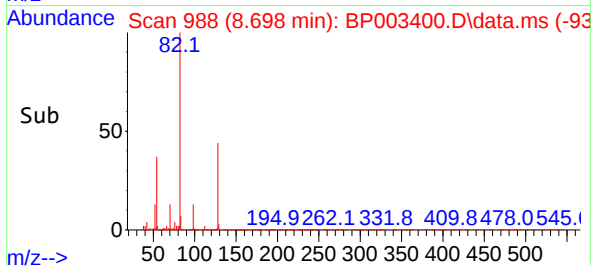
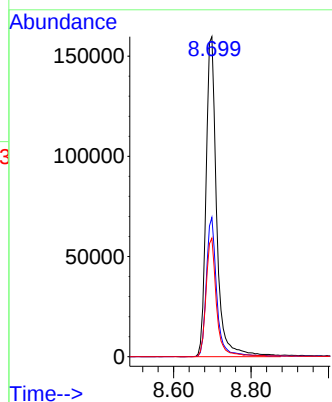
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 82 Resp: 305663
Ion Ratio Lower Upper
82 100
128 43.5 45.6 68.4#
54 37.0 30.1 45.1

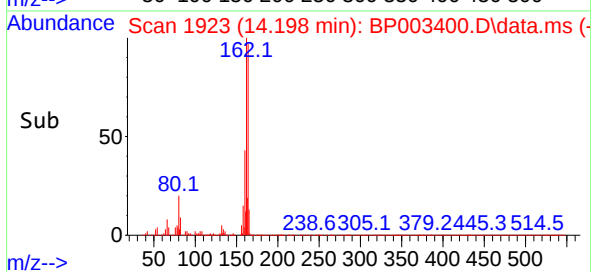
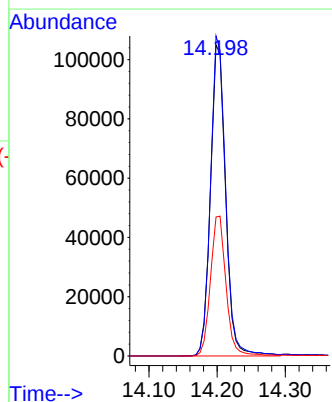
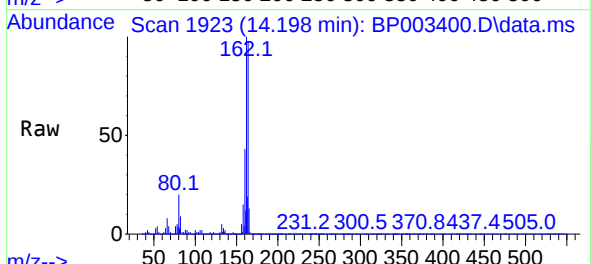
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.198 min Scan# 1923
Delta R.T. -0.012 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

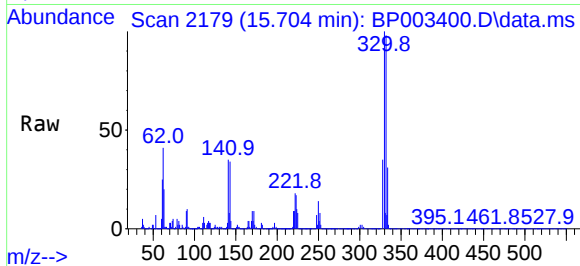
Tgt Ion: 164 Resp: 162486
Ion Ratio Lower Upper
164 100
162 102.9 79.4 119.2
160 44.7 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 92.85 ng
RT: 15.704 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

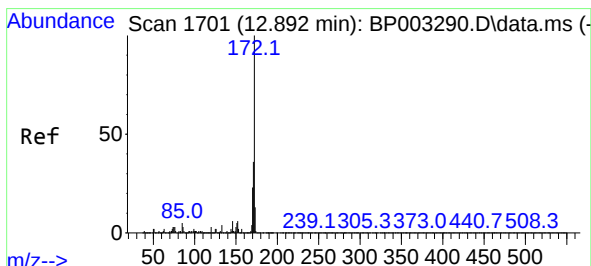
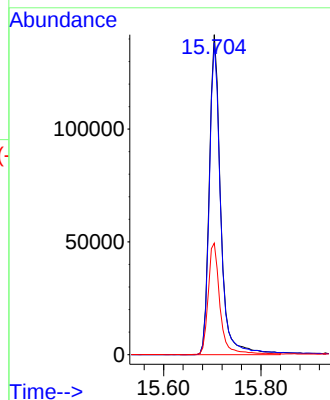
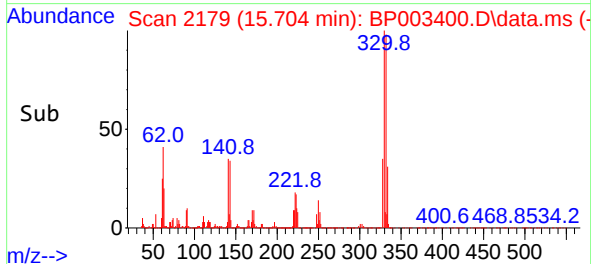
Instrument :
BNA_P
ClientSampleId :
B-8(13-14)



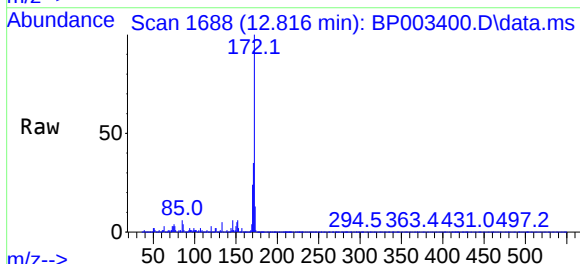
Tgt Ion:330 Resp: 230105
Ion Ratio Lower Upper
330 100
332 97.9 77.1 115.7
141 36.4 23.4 35.2#

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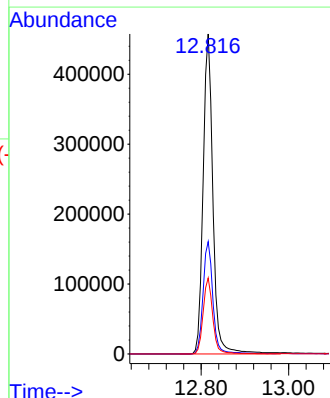
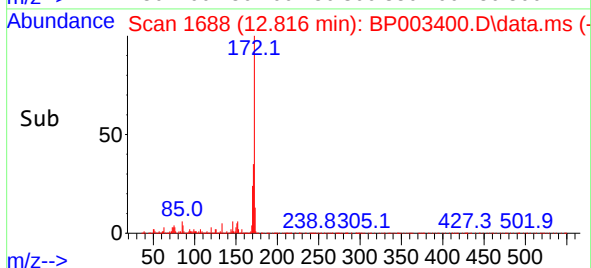
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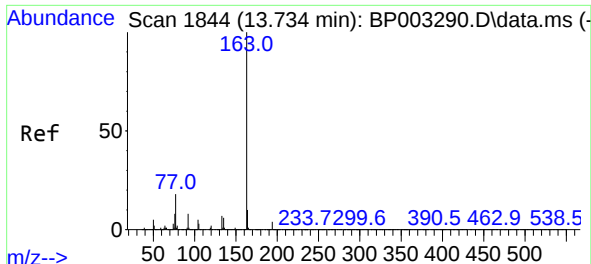


#45
2-Fluorobiphenyl
Concen: 64.49 ng
RT: 12.816 min Scan# 1688
Delta R.T. -0.006 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39



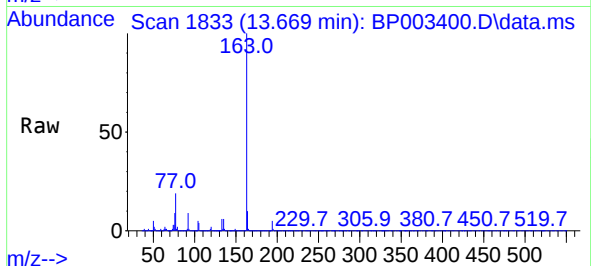
Tgt Ion:172 Resp: 716488
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.7 19.2 28.8





#50
Dimethylphthalate
Concen: 9.39 ng
RT: 13.669 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

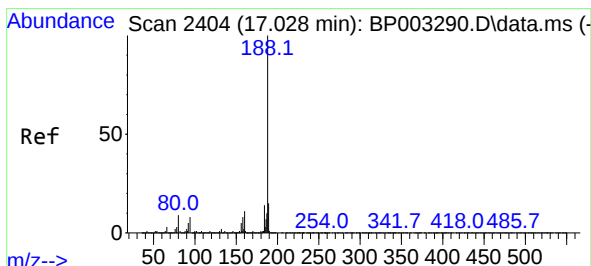
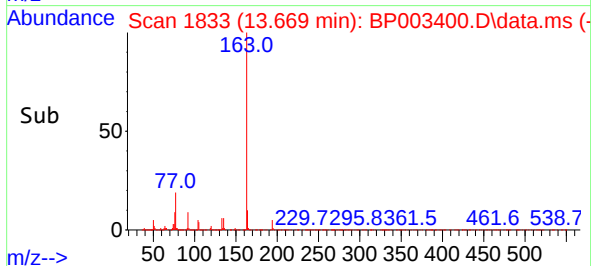
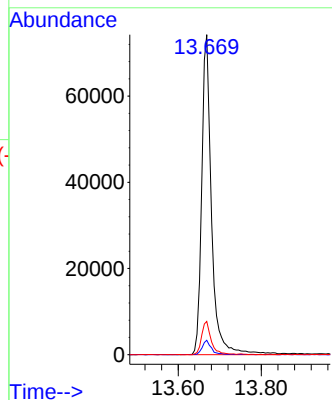
Instrument :
BNA_P
ClientSampleId :
B-8(13-14)



Tgt Ion:163 Resp: 121801
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.4 8.2 12.2

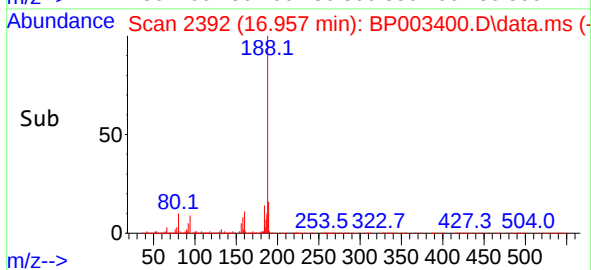
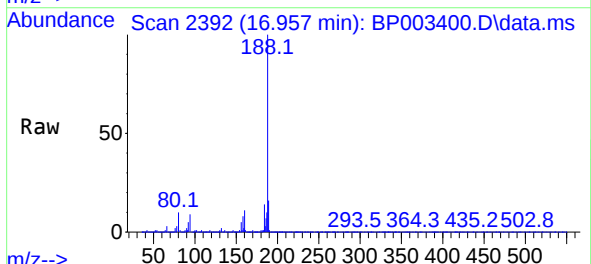
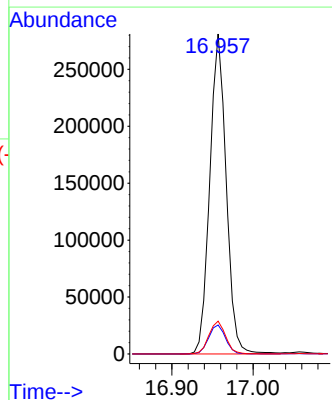
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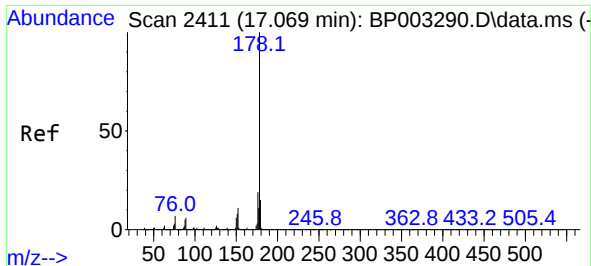
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.957 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:188 Resp: 394940
Ion Ratio Lower Upper
188 100
94 9.1 6.2 9.2
80 10.3 6.2 9.2#





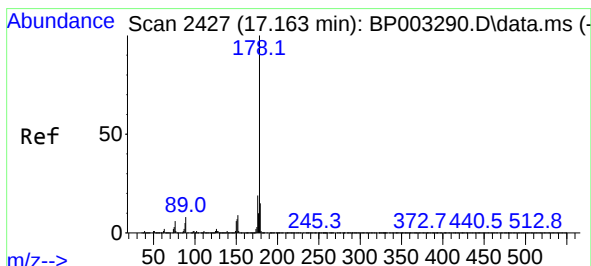
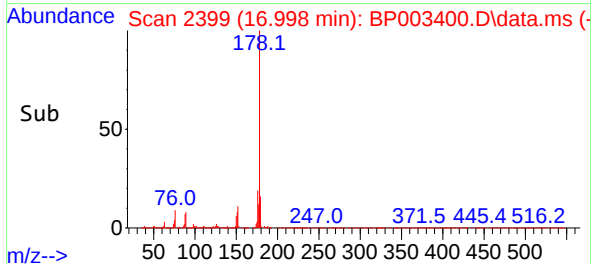
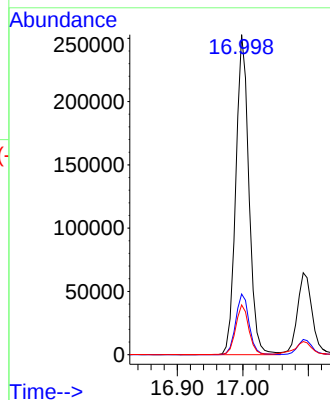
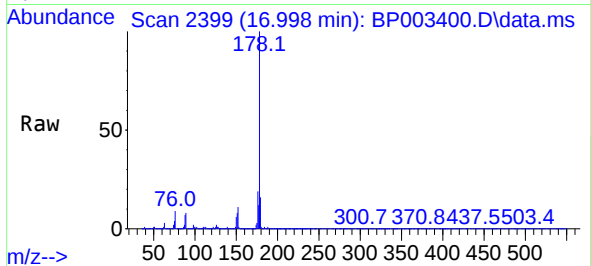
#71
Phenanthrene
Concen: 16.33 ng
RT: 16.998 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:178 Resp: 350855
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.6 12.5 18.7

Instrument :
BNA_P
ClientSampled :
B-8(13-14)

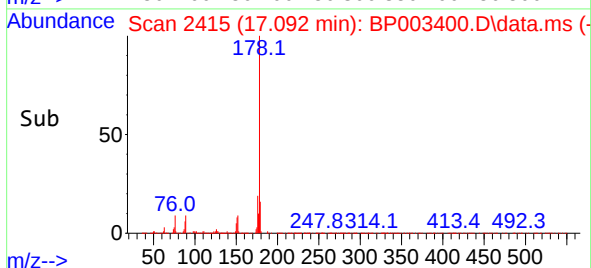
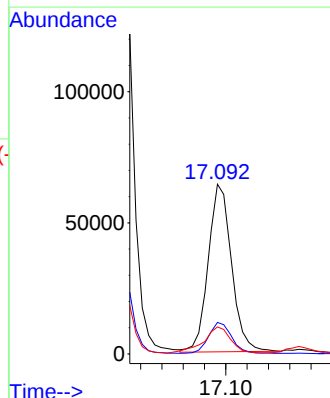
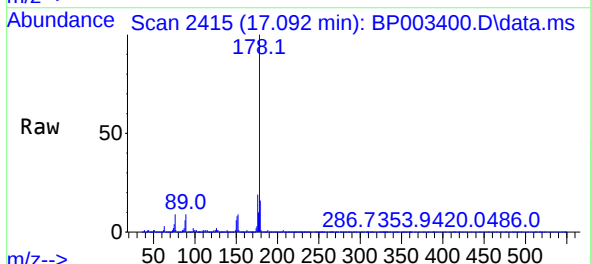
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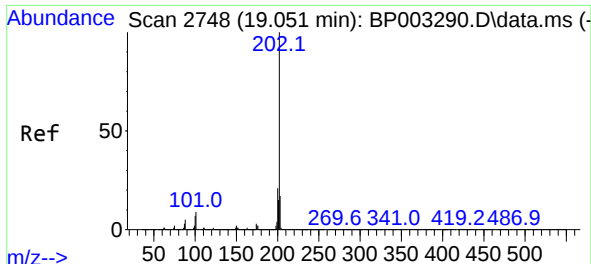
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#72
Anthracene
Concen: 4.59 ng
RT: 17.092 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

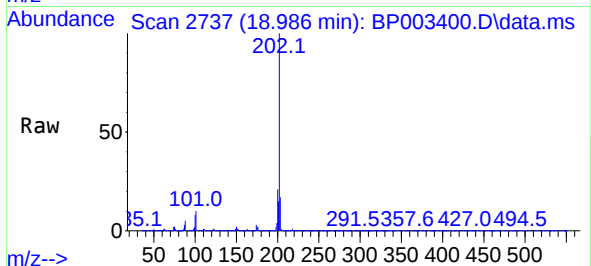
Tgt Ion:178 Resp: 97140
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.9 12.5 18.7





#75
Fluoranthene
Concen: 25.43 ng
RT: 18.986 min Scan# 2737
Delta R.T. -0.006 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

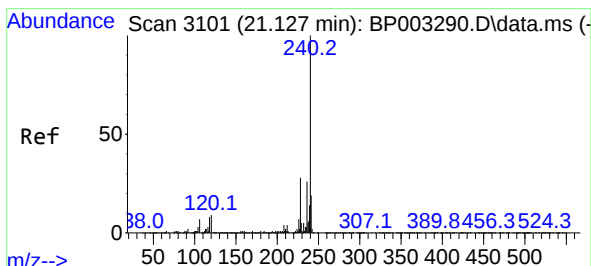
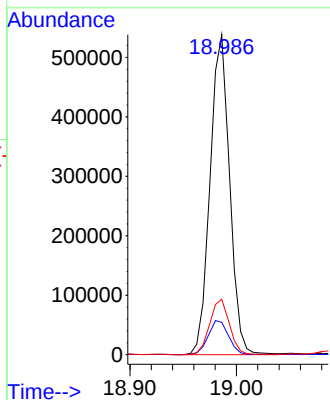
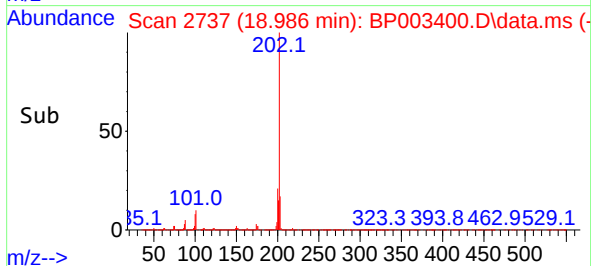
Instrument :
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ClientSampleId :
B-8(13-14)



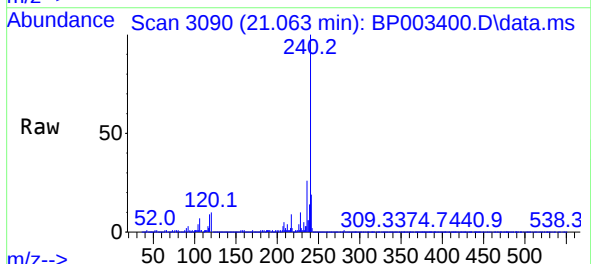
Tgt Ion:202 Resp: 687124
Ion Ratio Lower Upper
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101 10.1 0.0 29.4
203 17.3 0.0 37.8

Manual Integrations
APPROVED

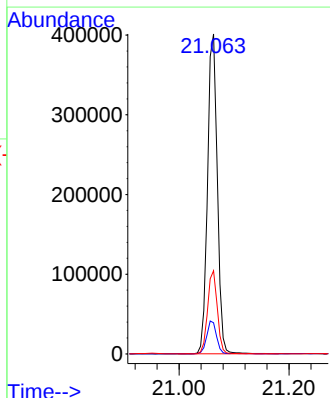
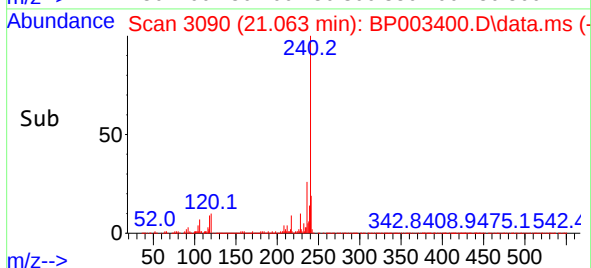
mohammad
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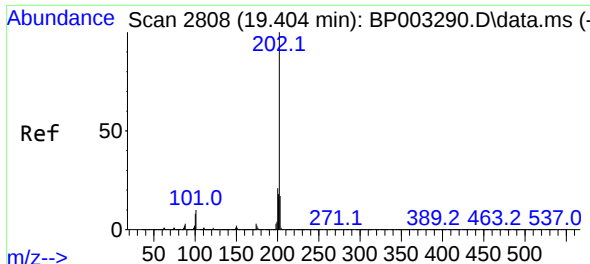


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.063 min Scan# 3090
Delta R.T. -0.012 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39



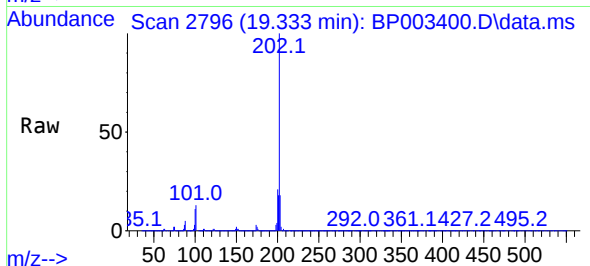
Tgt Ion:240 Resp: 493748
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.6
236 26.0 20.8 31.2





#78
Pyrene
Concen: 18.83 ng
RT: 19.333 min Scan# 2796
Delta R.T. -0.012 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

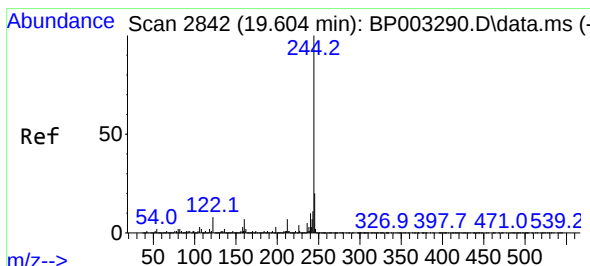
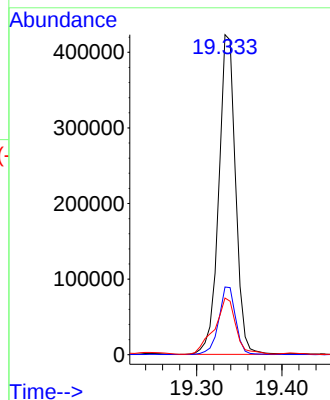
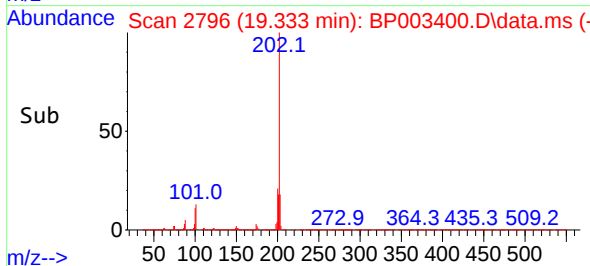
Instrument :
BNA_P
ClientSampleId :
B-8(13-14)



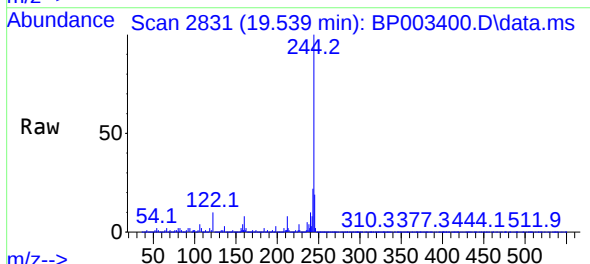
Tgt Ion:202 Resp: 579950
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 17.7 14.2 21.2

Manual Integrations
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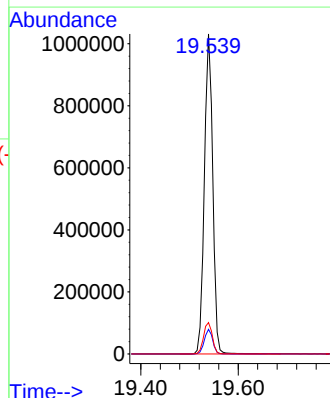
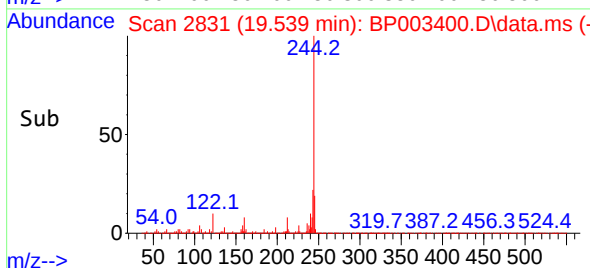
mohammad
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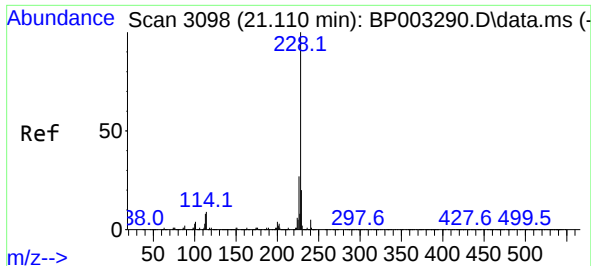


#79
Terphenyl-d14
Concen: 51.71 ng
RT: 19.539 min Scan# 2831
Delta R.T. -0.012 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39



Tgt Ion:244 Resp: 1225463
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 9.8 7.8 11.8





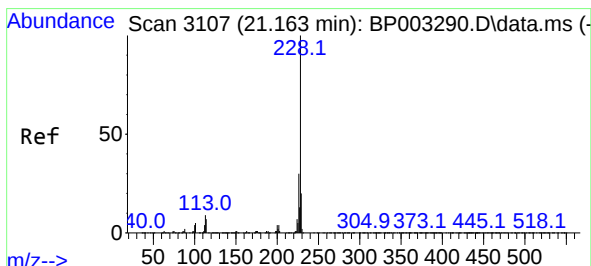
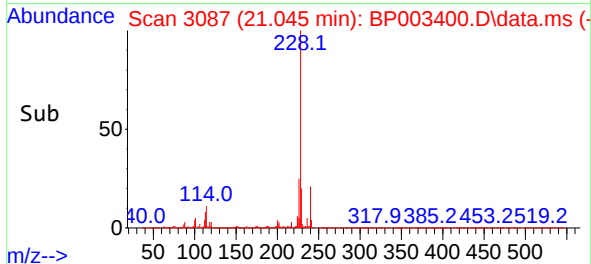
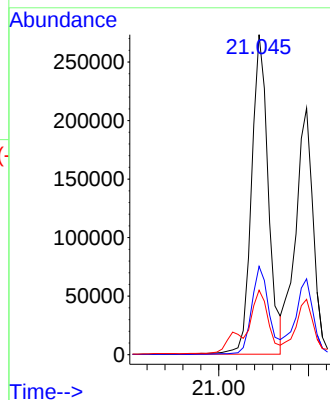
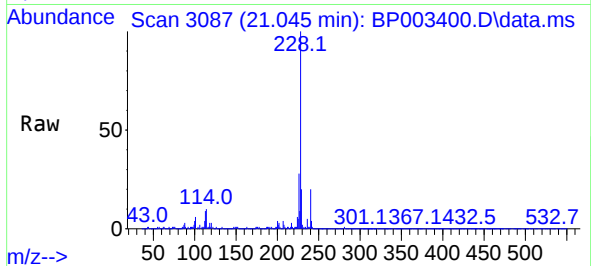
#81
Benzo(a)anthracene
Concen: 11.08 ng
RT: 21.045 min Scan# 3087
Delta R.T. -0.012 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:	228	Resp:	353611
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.1	33.1
229	20.1	15.9	23.9

Instrument :
BNA_P
ClientSampled :
B-8(13-14)

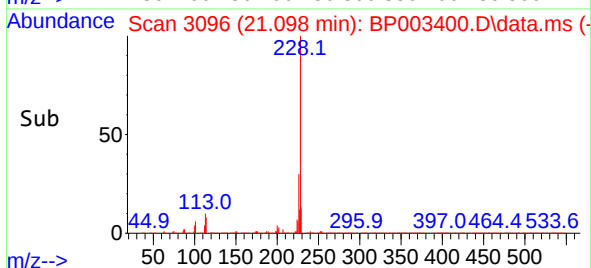
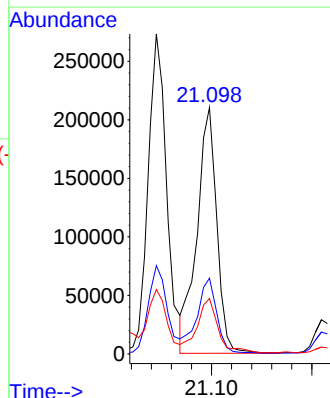
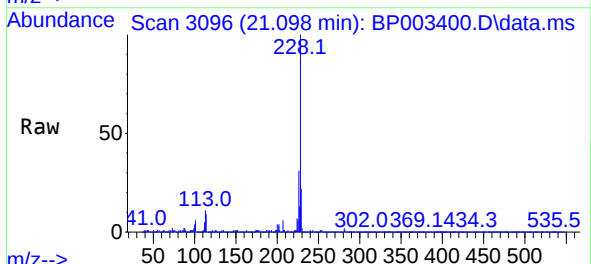
Manual Integrations
APPROVED

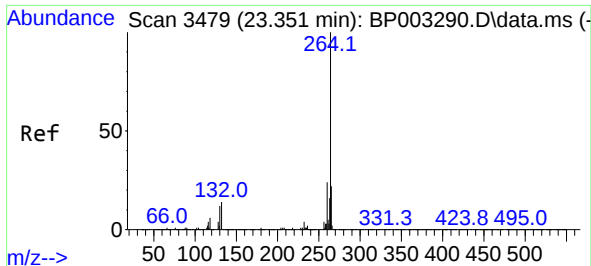
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#83
Chrysene
Concen: 9.45 ng
RT: 21.098 min Scan# 3096
Delta R.T. -0.012 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

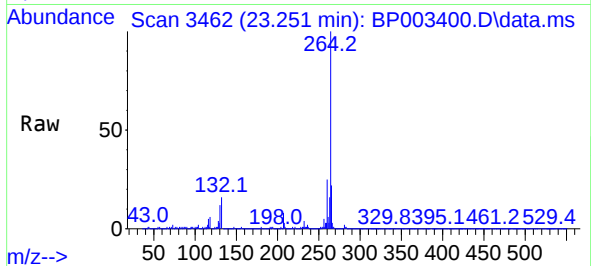
Tgt Ion:	228	Resp:	289778
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.4	36.6
229	22.5	15.8	23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.251 min Scan# 3462
Delta R.T. -0.012 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

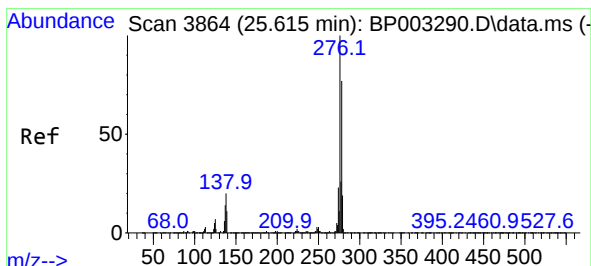
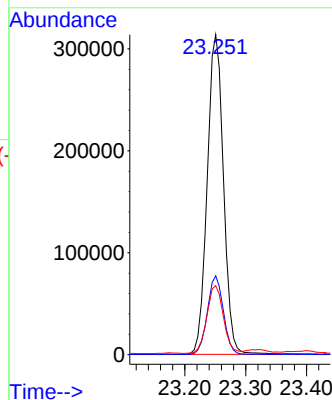
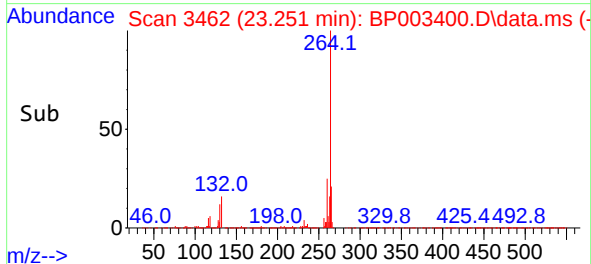
Instrument :
BNA_P
ClientSampled :
B-8(13-14)



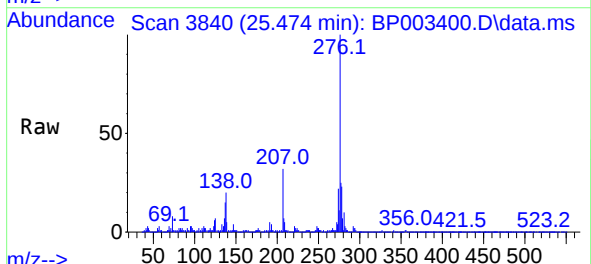
Tgt Ion:264 Resp: 582089
Ion Ratio Lower Upper
264 100
260 24.7 18.8 28.2
265 21.5 17.4 26.2

Manual Integrations
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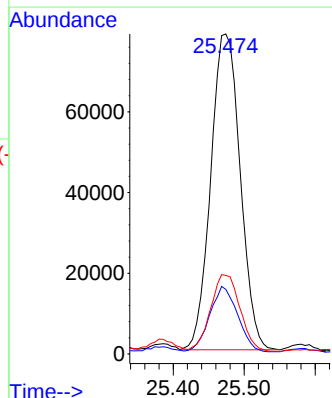
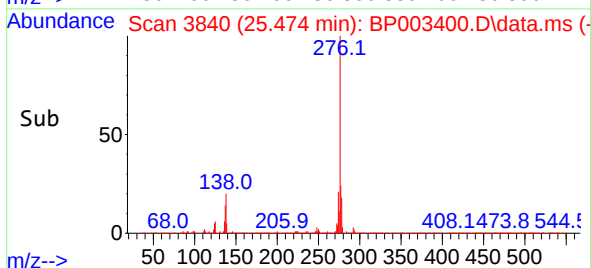
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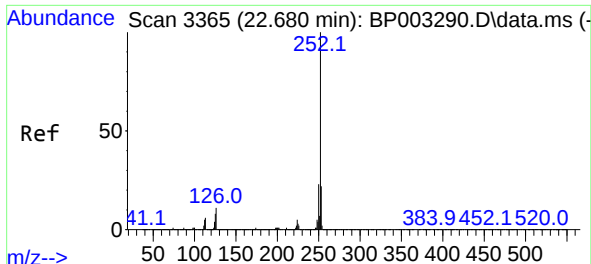


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.12 ng
RT: 25.474 min Scan# 3840
Delta R.T. -0.029 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39



Tgt Ion:276 Resp: 225775
Ion Ratio Lower Upper
276 100
138 19.7 18.7 28.1
277 24.3 20.4 30.6





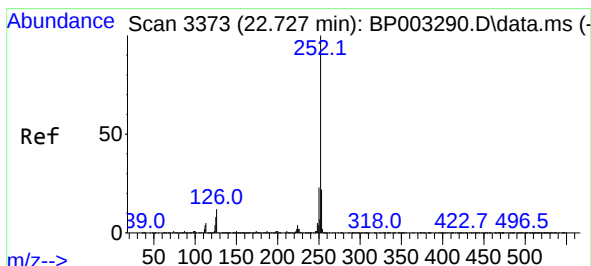
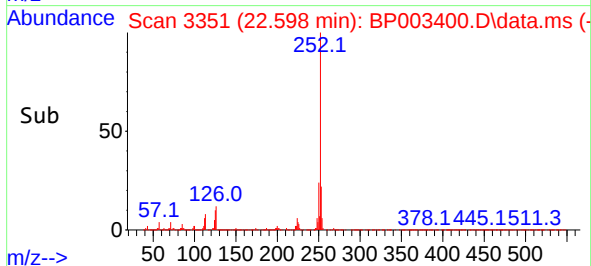
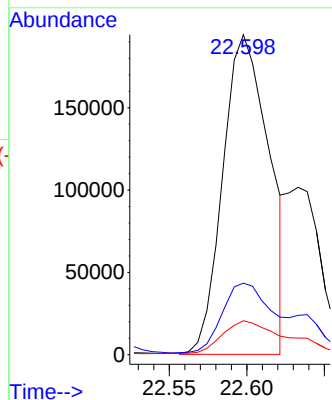
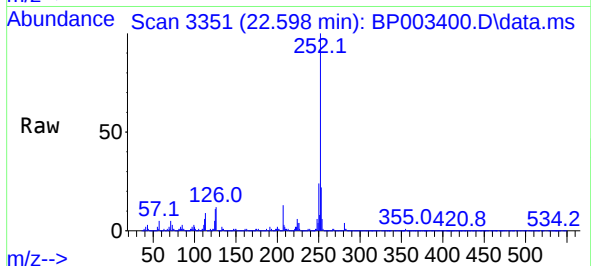
#88
Benzo(b)fluoranthene
Concen: 10.96 ng m
RT: 22.598 min Scan# 3351
Delta R.T. -0.012 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:252 Resp: 402798
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 10.6 7.3 10.9

Instrument :
BNA_P
ClientSampled :
B-8(13-14)

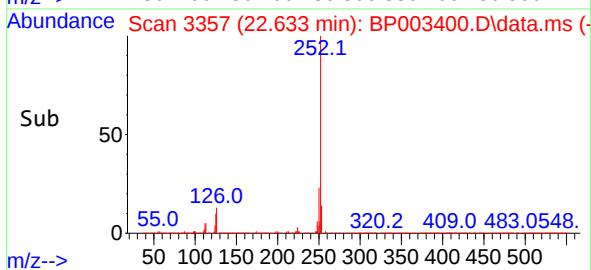
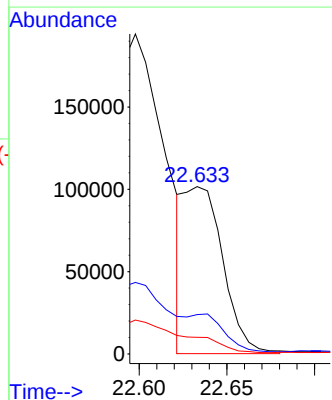
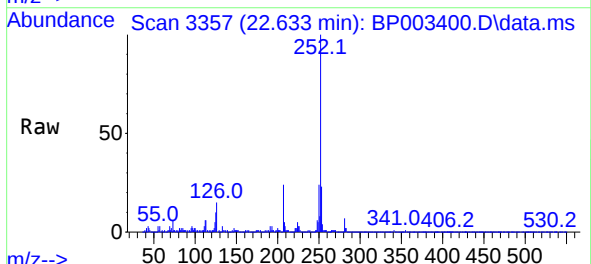
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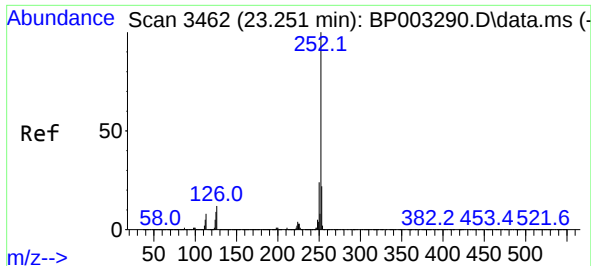
mohammad
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#89
Benzo(k)fluoranthene
Concen: 4.45 ng m
RT: 22.633 min Scan# 3357
Delta R.T. -0.018 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:252 Resp: 156622
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 9.9 7.4 11.2





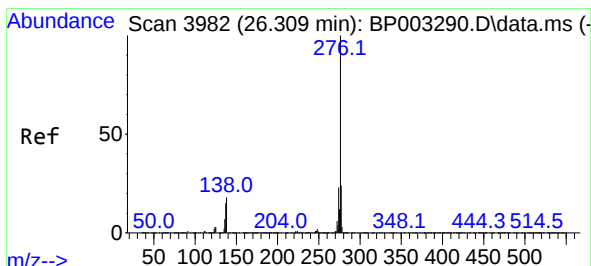
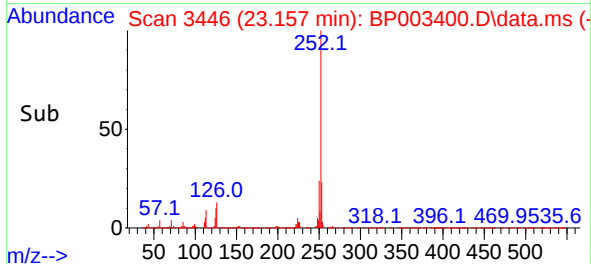
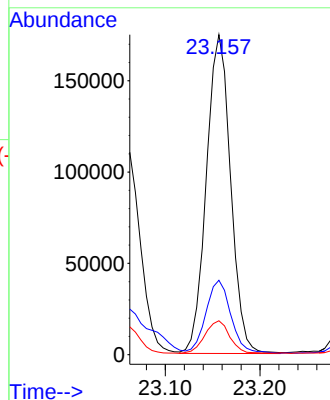
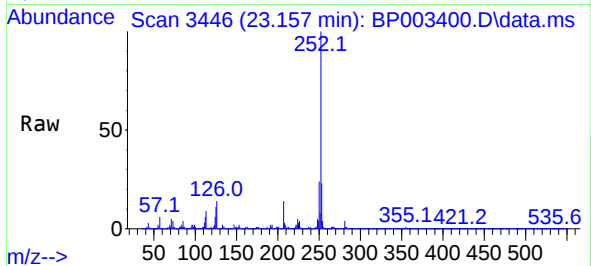
#90
Benzo(a)pyrene
Concen: 8.97 ng
RT: 23.157 min Scan# 3446
Delta R.T. -0.018 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:	252	Resp:	311064
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.4	26.0
125	10.6	8.2	12.4

Instrument :
BNA_P
ClientSampled :
B-8(13-14)

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.81 ng
RT: 26.151 min Scan# 3955
Delta R.T. -0.035 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:	276	Resp:	211319
Ion Ratio	Lower	Upper	
276	100		
277	24.2	19.0	28.6
138	21.0	16.6	24.8

