

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
 Data File : BP003330.D
 Acq On : 18 Sep 2020 19:57
 Operator : CG/JU
 Sample : L3870-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-02-091720

Manual Integrations
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 9/21/2020 10:35:55 AM

Quant Time: Sep 19 06:19:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 14:13:41 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	201665	20.00	ng	0.00
21) Naphthalene-d8	10.375	136	813666	20.00	ng	# 0.00
39) Acenaphthene-d10	14.245	164	488358	20.00	ng	0.00
64) Phenanthrene-d10	17.004	188	939634	20.00	ng	0.00
76) Chrysene-d12	21.104	240	705881	20.00	ng	0.00
86) Perylene-d12	23.321	264	707209	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	1028461	89.05	ng	0.00
7) Phenol-d6	6.799	99	1334421	86.68	ng	0.00
23) Nitrobenzene-d5	8.752	82	889437	64.22	ng	0.00
42) 2,4,6-Tribromophenol	15.751	330	545159	73.19	ng	0.00
45) 2-Fluorobiphenyl	12.869	172	2075153	62.15	ng	0.00
79) Terphenyl-d14	19.586	244	2247993	66.35	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	13.969	152	103328	2.24	ng	99
50) Dimethylphthalate	13.710	163	390424	10.01	ng	99
71) Phenanthrene	17.045	178	528248	10.33	ng	100
72) Anthracene	17.139	178	131766	2.62	ng	99
75) Fluoranthene	19.027	202	1193119	18.56	ng	99
78) Pyrene	19.380	202	1001840	22.76	ng	100
81) Benzo(a)anthracene	21.092	228	509116	11.16	ng	96
83) Chrysene	21.139	228	506638	11.56	ng	98
87) Indeno(1,2,3-cd)pyrene	25.568	276	340350	6.35	ng	# 94
88) Benzo(b)fluoranthene	22.657	252	702338	15.73	ng	96
89) Benzo(k)fluoranthene	22.698	252	203981m	4.77	ng	
90) Benzo(a)pyrene	23.221	252	461987	10.97	ng	96
92) Benzo(g,h,i)perylene	26.256	276	323340	7.32	ng	97

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

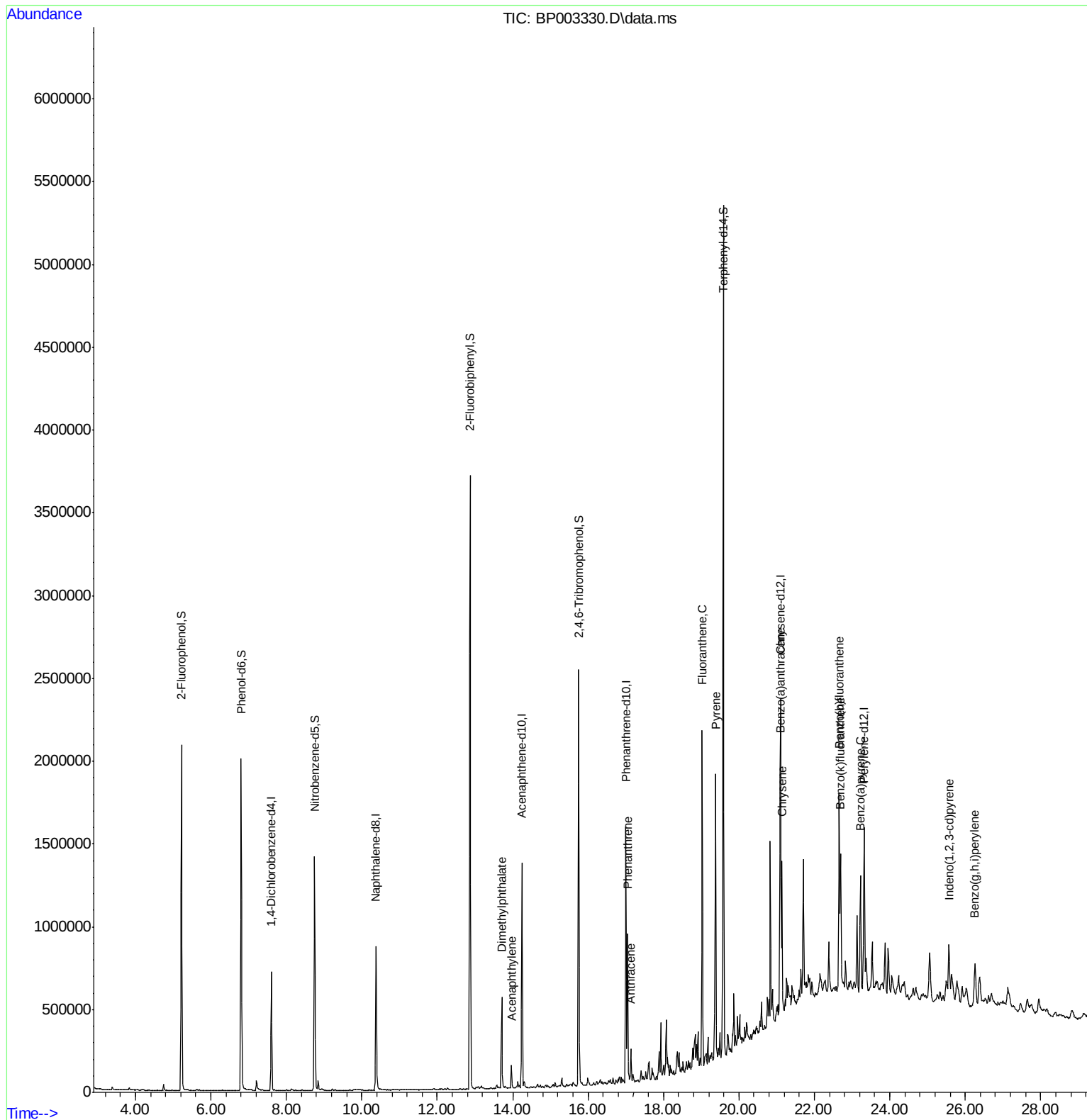
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003330.D
Acq On : 18 Sep 2020 19:57
Operator : CG/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

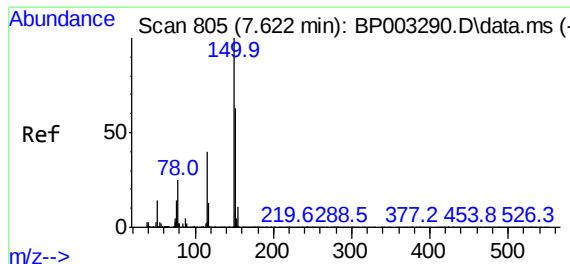
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
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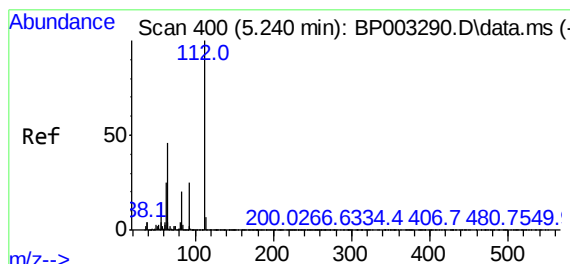
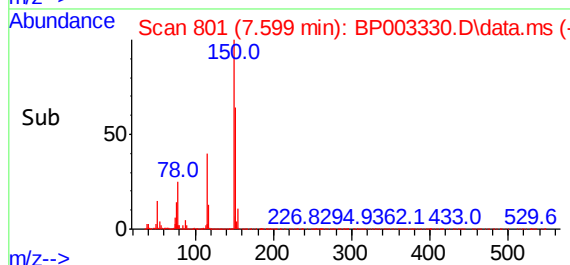
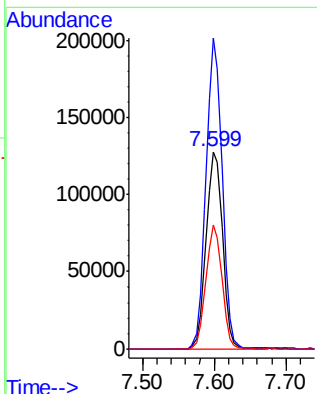
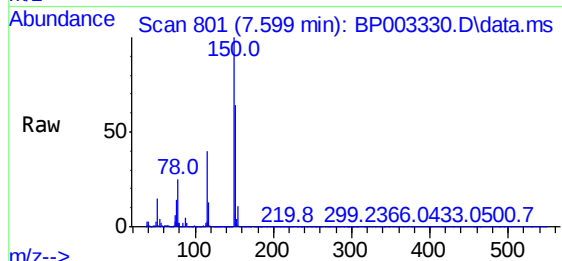
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.599 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP003330.D
Acq: 18 Sep 2020 19:57

Tgt Ion:152 Resp: 201665
Ion Ratio Lower Upper
152 100
150 157.4 123.8 185.6
115 63.0 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
SU-02-091720

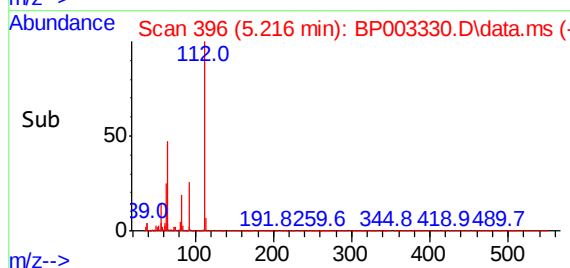
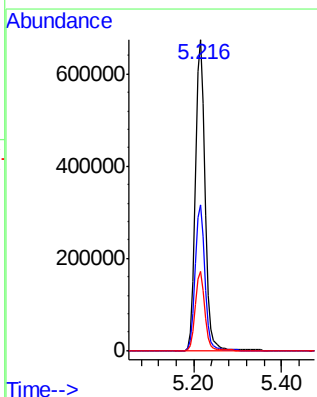
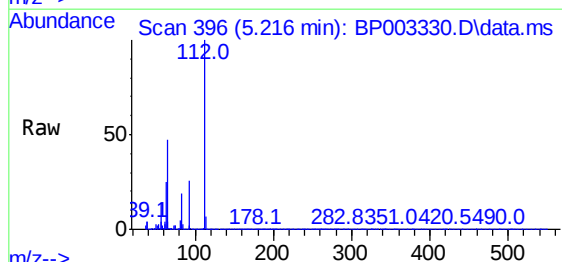
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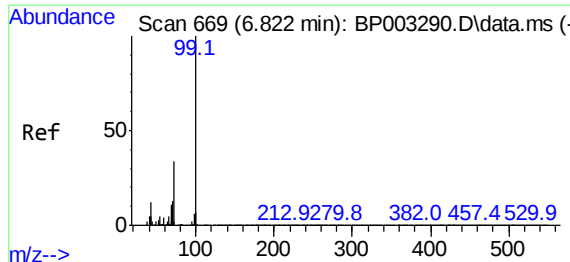
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#5
2-Fluorophenol
Concen: 89.05 ng
RT: 5.216 min Scan# 396
Delta R.T. 0.006 min
Lab File: BP003330.D
Acq: 18 Sep 2020 19:57

Tgt Ion:112 Resp: 1028461
Ion Ratio Lower Upper
112 100
64 46.9 32.8 49.2
63 25.3 17.0 25.4



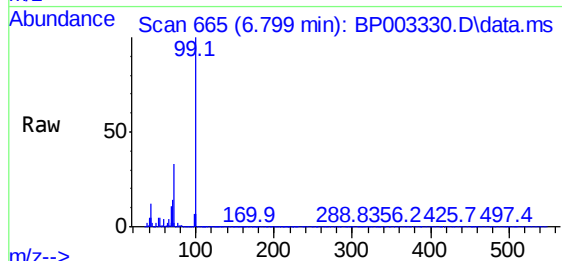


#7
Phenol-d6
Concen: 86.68 ng
RT: 6.799 min Scan# 665
Delta R.T. 0.006 min
Lab File: BP003330.D
Acq: 18 Sep 2020 19:57

Instrument :
BNA_P
ClientSampleId :
SU-02-091720

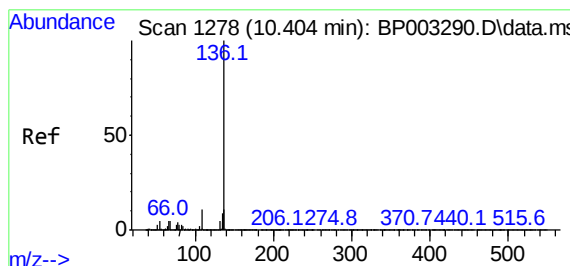
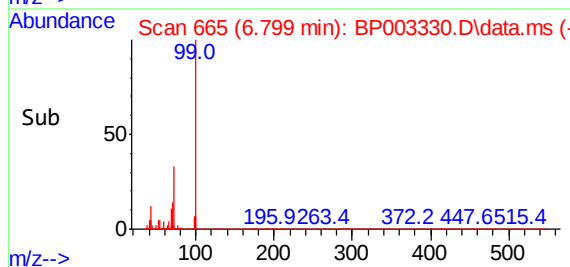
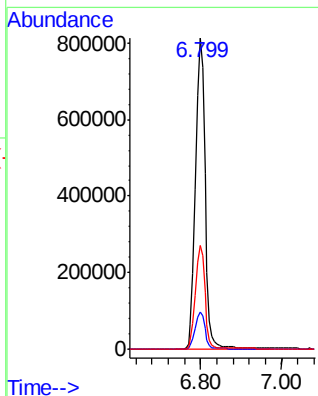
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Tgt Ion: 99 Resp: 1334421

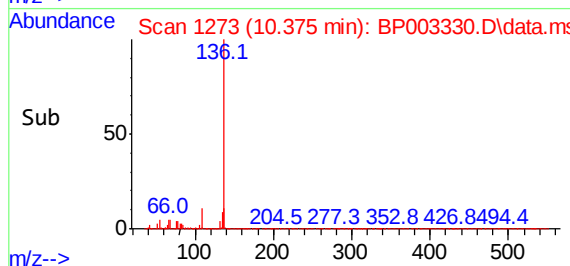
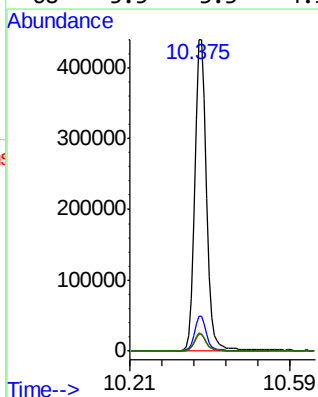
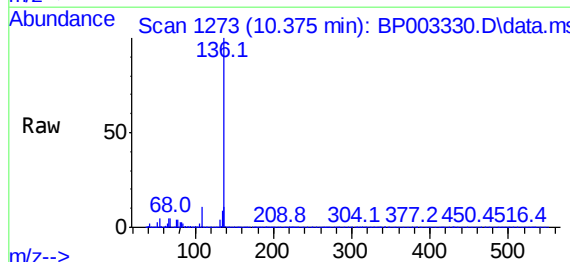
Ion	Ratio	Lower	Upper
99	100		
42	11.9	8.6	13.0
71	33.3	23.4	35.2

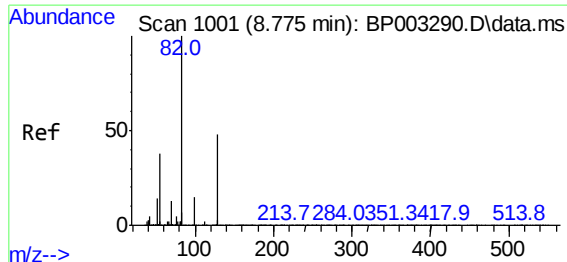


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.375 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BP003330.D
Acq: 18 Sep 2020 19:57

Tgt Ion: 136 Resp: 813666

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	5.2	3.6	5.4
68	5.5	3.3	4.9





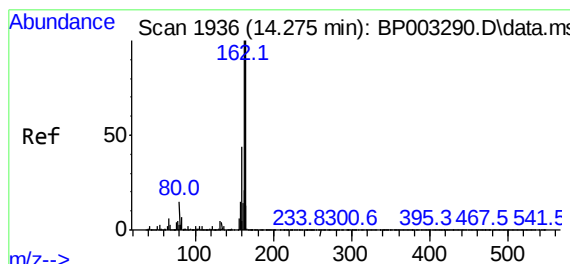
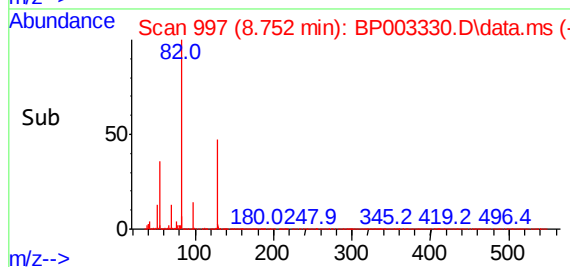
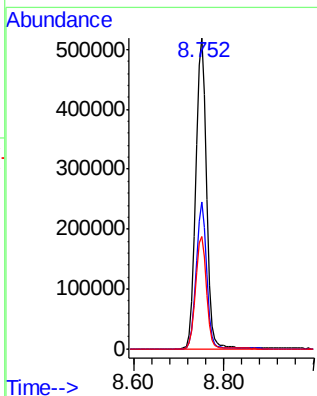
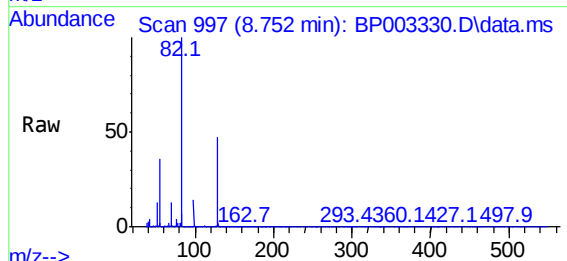
#23
Nitrobenzene-d5
Concen: 64.22 ng
RT: 8.752 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP003330.D
Acq: 18 Sep 2020 19:57

Instrument :
BNA_P
ClientSampleId :
SU-02-091720

Tgt Ion: 82 Resp: 889437
Ion Ratio Lower Upper
82 100
128 47.3 45.6 68.4
54 36.3 30.1 45.1

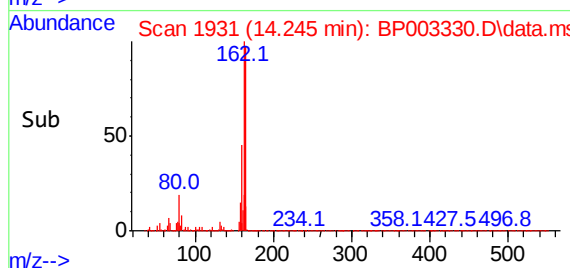
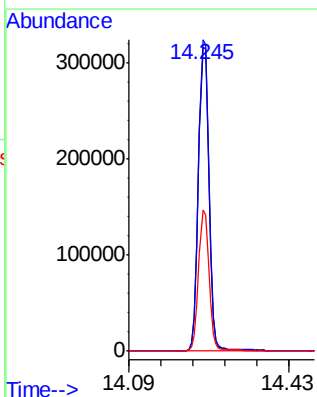
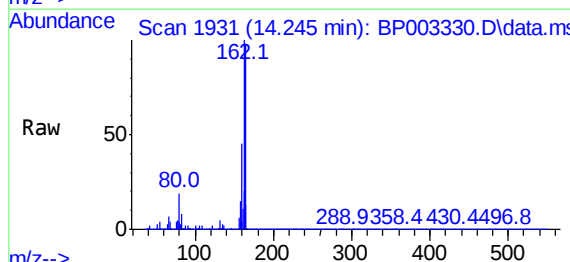
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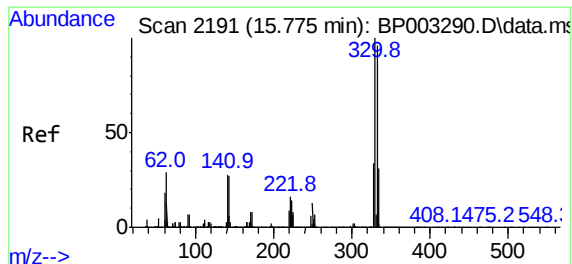
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.245 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BP003330.D
Acq: 18 Sep 2020 19:57

Tgt Ion: 164 Resp: 488358
Ion Ratio Lower Upper
164 100
162 102.6 79.4 119.2
160 46.3 36.1 54.1





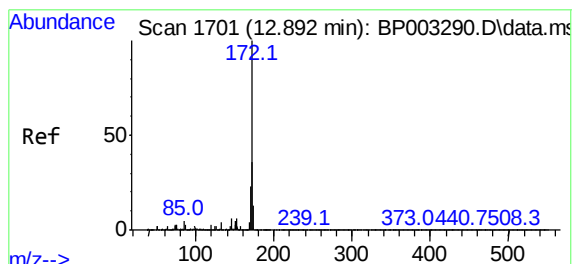
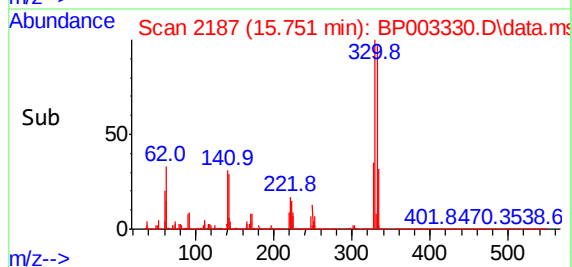
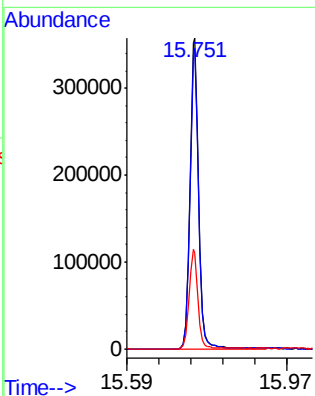
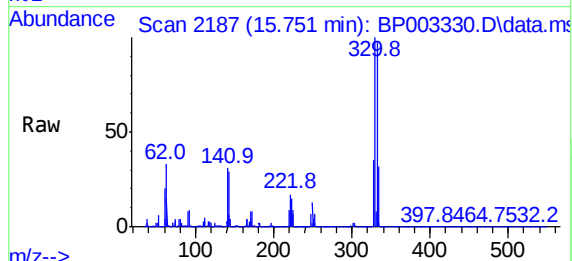
#42
2,4,6-Tribromophenol
Concen: 73.19 ng
RT: 15.751 min Scan# 2187
Delta R.T. 0.006 min
Lab File: BP003330.D
Acq: 18 Sep 2020 19:57

Tgt Ion:330 Resp: 545159
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 32.6 23.4 35.2

Instrument :
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ClientSampleId :
SU-02-091720

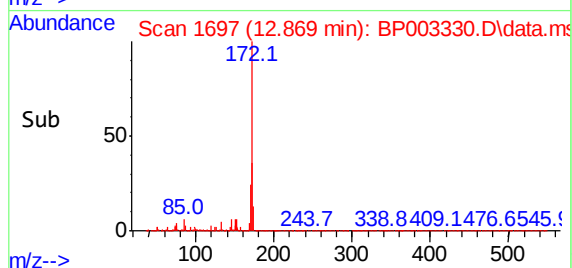
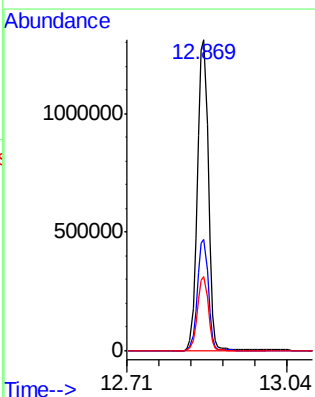
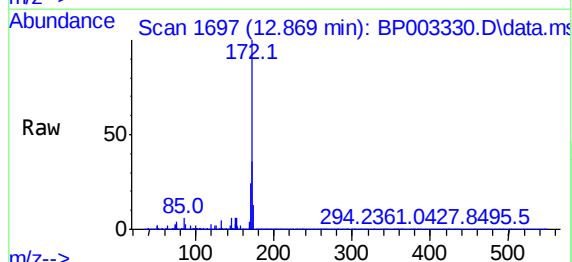
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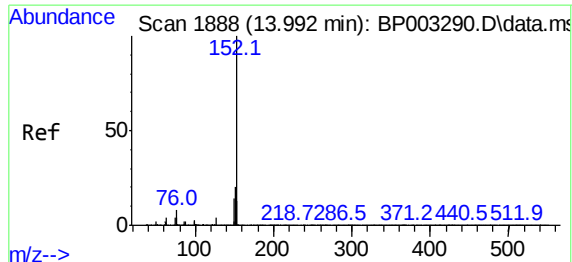
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#45
2-Fluorobiphenyl
Concen: 62.15 ng
RT: 12.869 min Scan# 1697
Delta R.T. 0.006 min
Lab File: BP003330.D
Acq: 18 Sep 2020 19:57

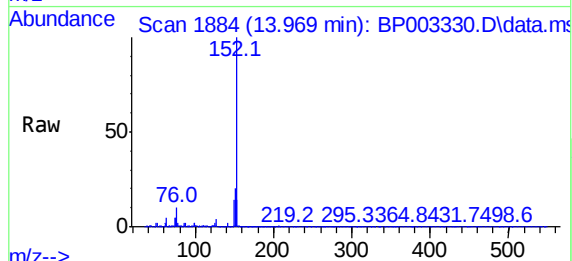
Tgt Ion:172 Resp: 2075153
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.8 19.2 28.8





#49
Acenaphthylene
Concen: 2.24 ng
RT: 13.969 min Scan# 1884
Delta R.T. 0.006 min
Lab File: BP003330.D
Acq: 18 Sep 2020 19:57

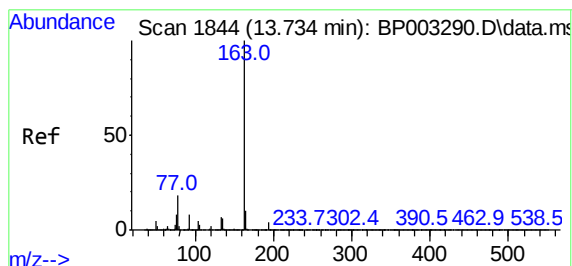
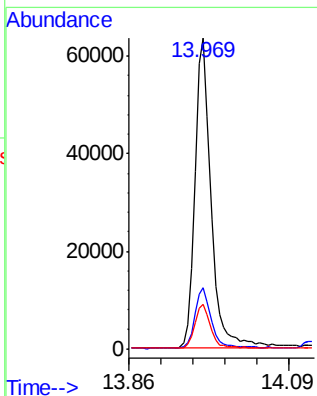
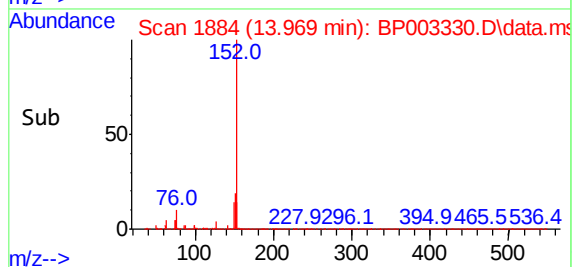
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ClientSampleId :
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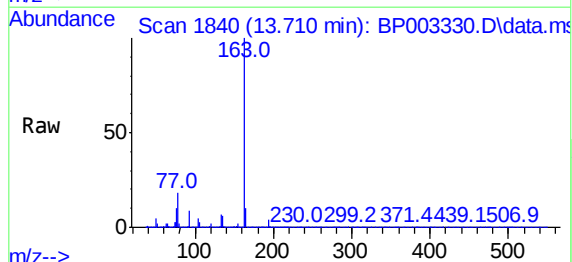
Tgt Ion:152 Resp: 103328
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 14.2 10.5 15.7

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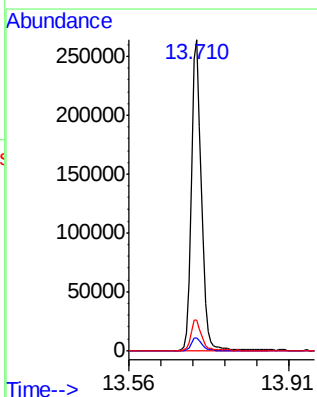
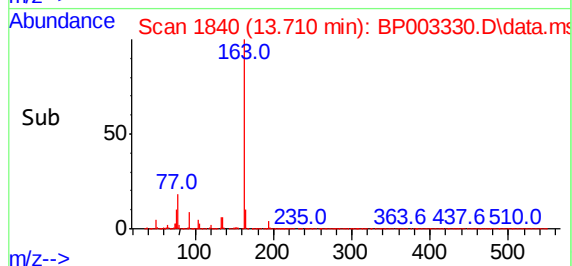
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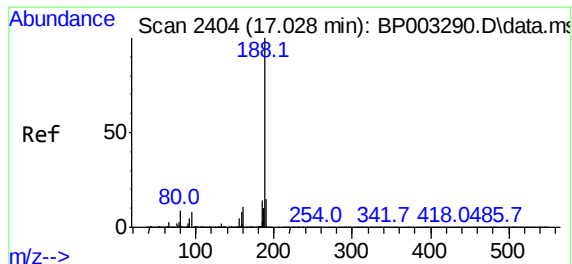


#50
Dimethylphthalate
Concen: 10.01 ng
RT: 13.710 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BP003330.D
Acq: 18 Sep 2020 19:57



Tgt Ion:163 Resp: 390424
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.6 8.2 12.2





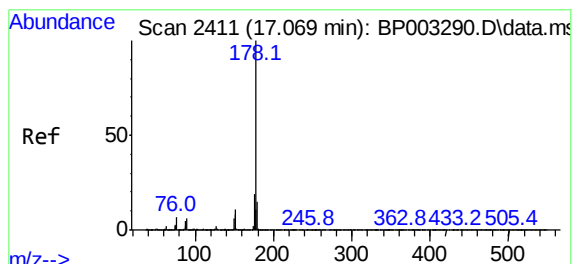
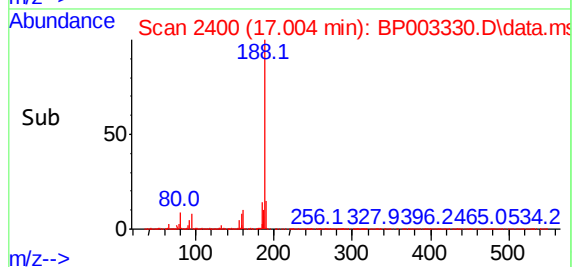
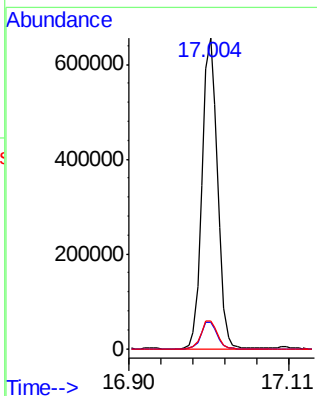
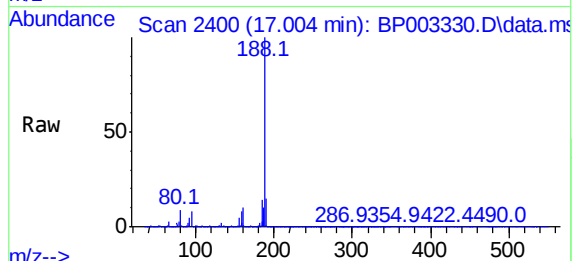
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.004 min Scan# 2400
Delta R.T. -0.000 min
Lab File: BP003330.D
Acq: 18 Sep 2020 19:57

Instrument :
BNA_P
ClientSampleId :
SU-02-091720

Tgt Ion:188 Resp: 939634
Ion Ratio Lower Upper
188 100
94 8.5 6.2 9.2
80 8.8 6.2 9.2

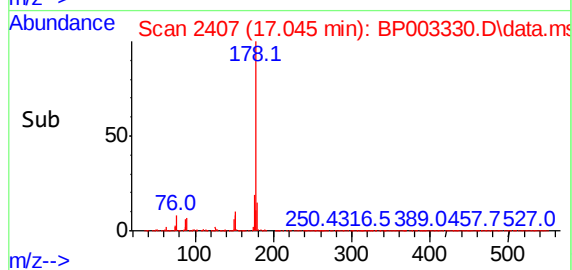
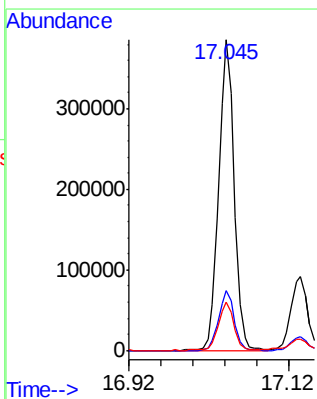
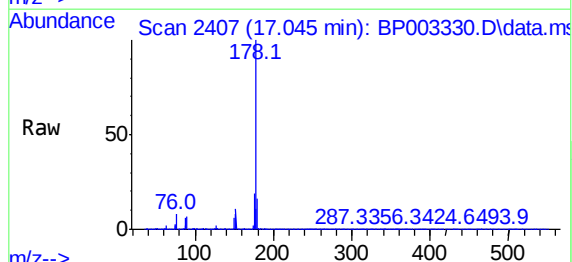
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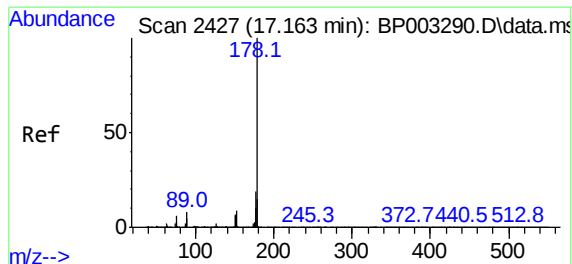
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#71
Phenanthrene
Concen: 10.33 ng
RT: 17.045 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BP003330.D
Acq: 18 Sep 2020 19:57

Tgt Ion:178 Resp: 528248
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.5 12.5 18.7



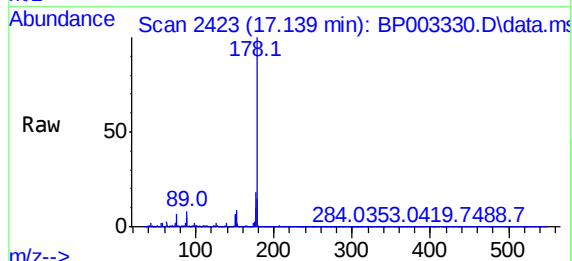


#72
 Anthracene
 Concen: 2.62 ng
 RT: 17.139 min Scan# 2423
 Delta R.T. 0.006 min
 Lab File: BP003330.D
 Acq: 18 Sep 2020 19:57

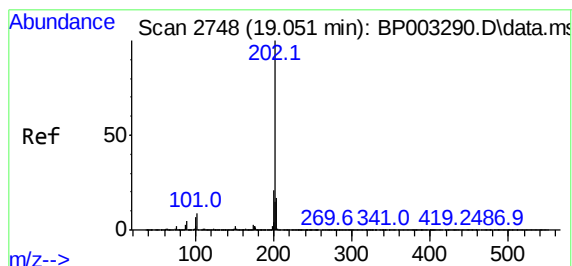
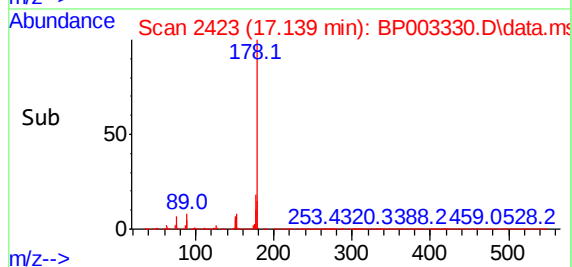
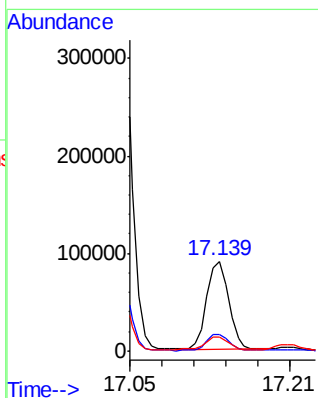
Instrument :
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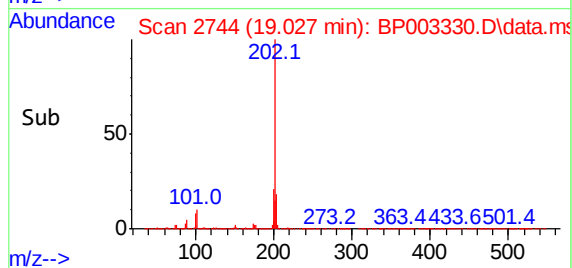
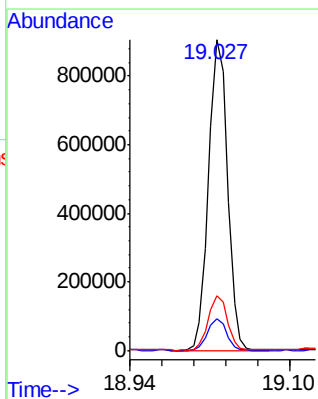
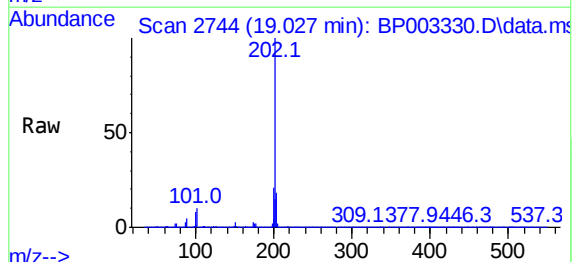


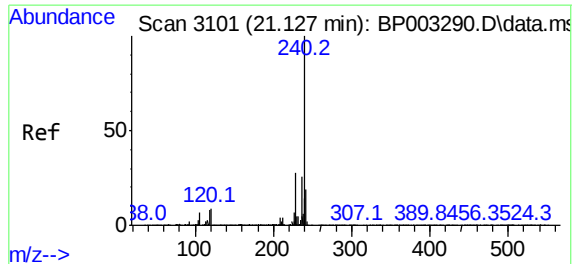
Tgt Ion:178 Resp: 131766
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.0 22.4
 179 15.2 12.5 18.7



#75
 Fluoranthene
 Concen: 18.56 ng
 RT: 19.027 min Scan# 2744
 Delta R.T. -0.000 min
 Lab File: BP003330.D
 Acq: 18 Sep 2020 19:57

Tgt Ion:202 Resp: 1193119
 Ion Ratio Lower Upper
 202 100
 101 10.2 0.0 29.4
 203 17.7 0.0 37.8





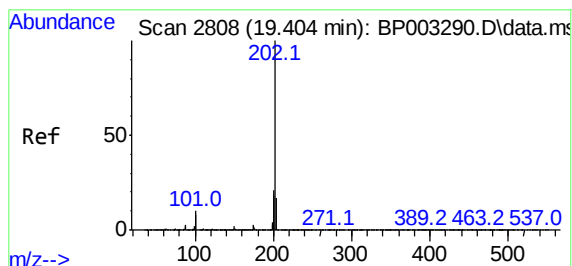
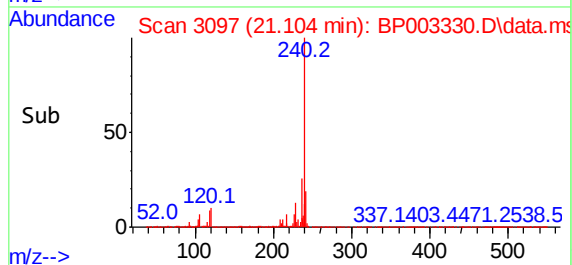
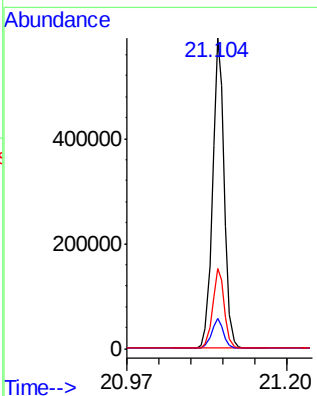
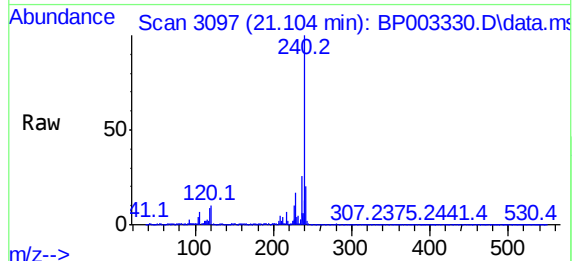
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.104 min Scan# 3097
Delta R.T. -0.000 min
Lab File: BP003330.D
Acq: 18 Sep 2020 19:57

Tgt Ion:240 Resp: 705881
Ion Ratio Lower Upper
240 100
120 9.8 7.8 11.6
236 25.7 20.8 31.2

Instrument :
BNA_P
ClientSampleId :
SU-02-091720

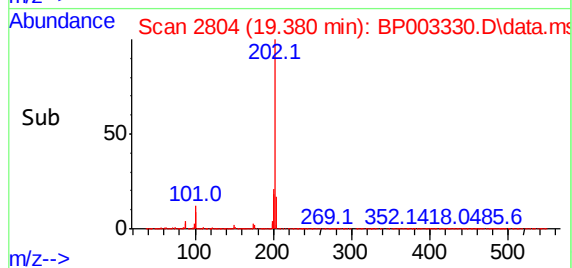
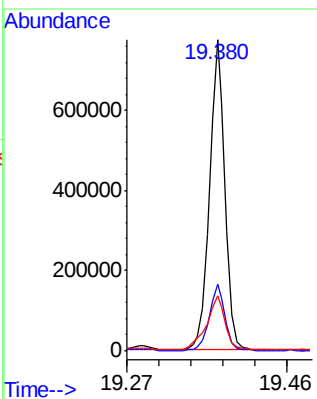
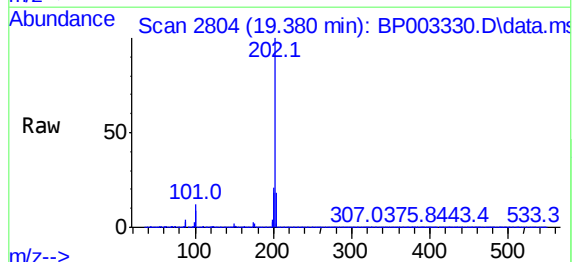
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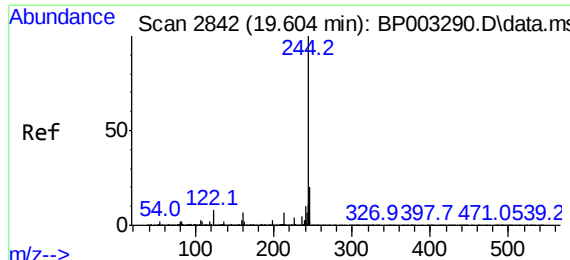
mohammad
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#78
Pyrene
Concen: 22.76 ng
RT: 19.380 min Scan# 2804
Delta R.T. -0.000 min
Lab File: BP003330.D
Acq: 18 Sep 2020 19:57

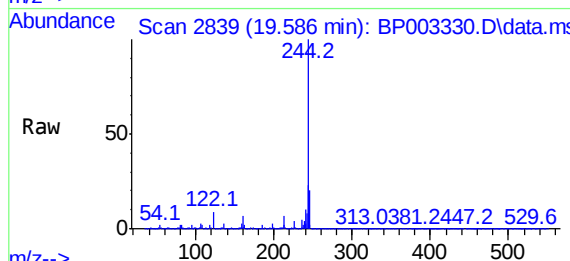
Tgt Ion:202 Resp: 1001840
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 17.6 14.2 21.2





#79
Terphenyl-d14
Concen: 66.35 ng
RT: 19.586 min Scan# 2839
Delta R.T. 0.006 min
Lab File: BP003330.D
Acq: 18 Sep 2020 19:57

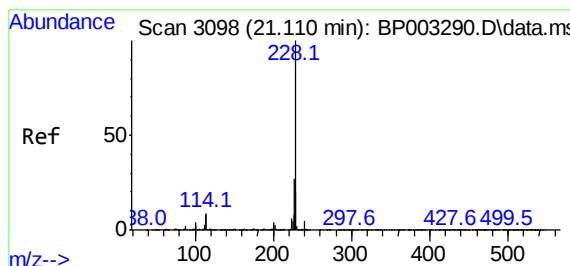
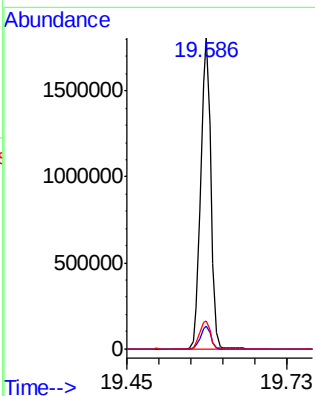
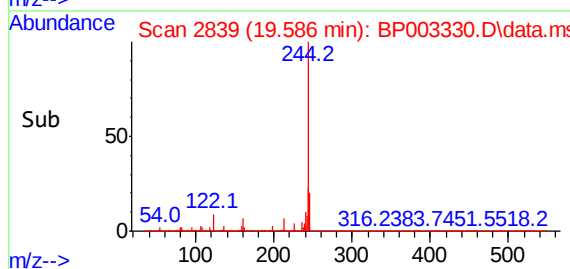
Instrument :
BNA_P
ClientSampleId :
SU-02-091720



Tgt Ion:244 Resp: 2247993
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 8.9 7.8 11.8

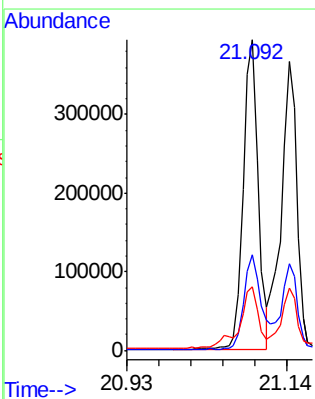
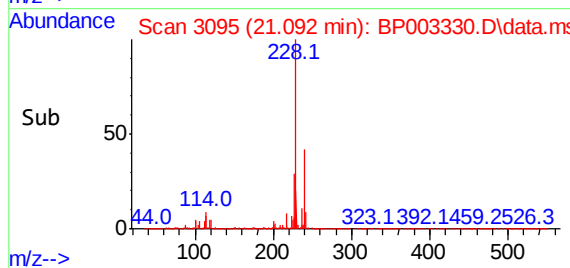
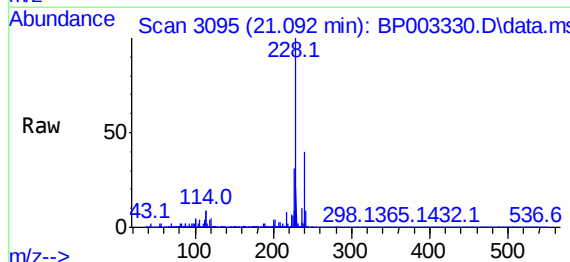
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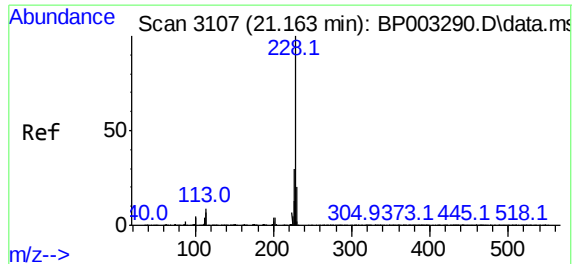
mohammad
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#81
Benzo(a)anthracene
Concen: 11.16 ng
RT: 21.092 min Scan# 3095
Delta R.T. 0.006 min
Lab File: BP003330.D
Acq: 18 Sep 2020 19:57

Tgt Ion:228 Resp: 509116
Ion Ratio Lower Upper
228 100
226 30.7 22.1 33.1
229 20.5 15.9 23.9





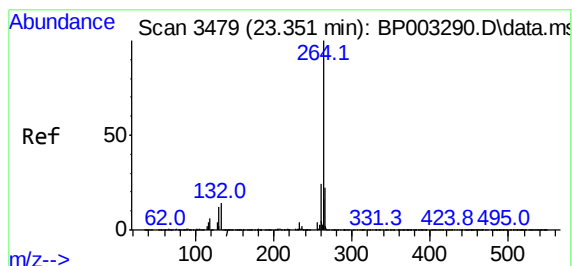
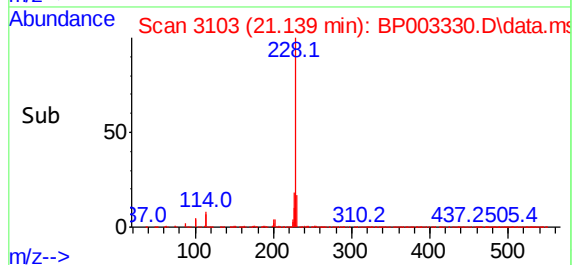
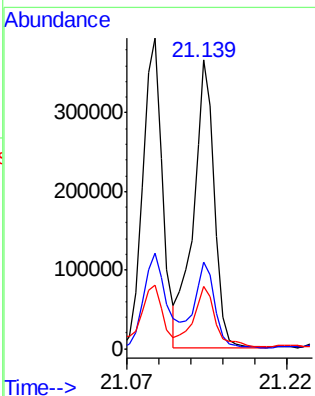
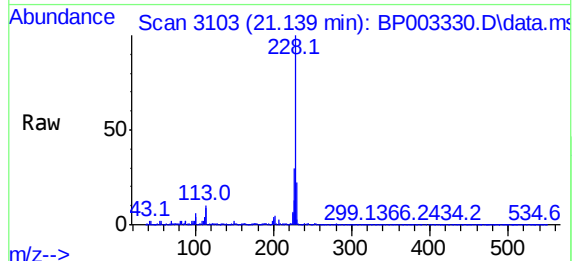
#83
Chrysene
Concen: 11.56 ng
RT: 21.139 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP003330.D
Acq: 18 Sep 2020 19:57

Tgt Ion:228 Resp: 506638
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 21.6 15.8 23.6

Instrument :
BNA_P
ClientSampleId :
SU-02-091720

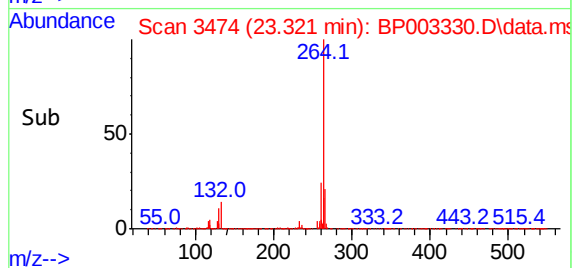
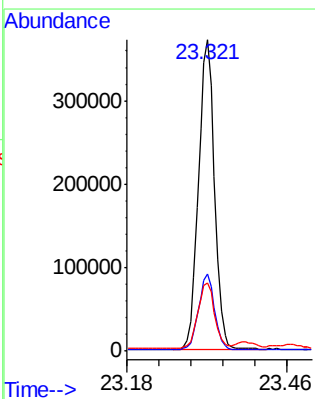
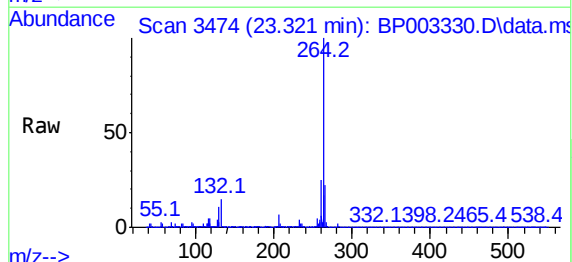
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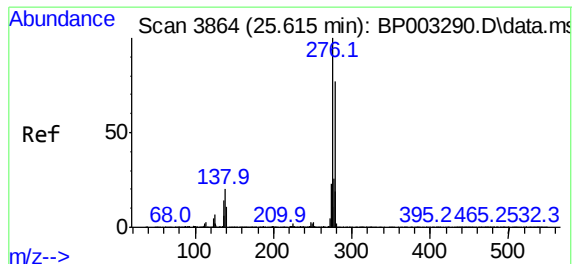
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.321 min Scan# 3474
Delta R.T. 0.006 min
Lab File: BP003330.D
Acq: 18 Sep 2020 19:57

Tgt Ion:264 Resp: 707209
Ion Ratio Lower Upper
264 100
260 24.6 18.8 28.2
265 21.9 17.4 26.2



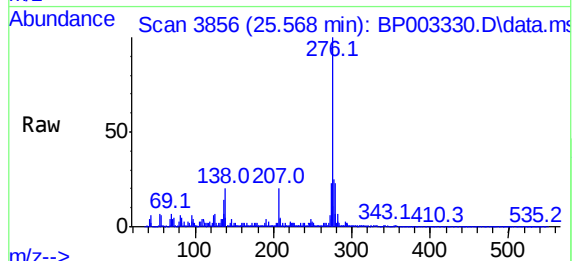


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 6.35 ng
 RT: 25.568 min Scan# 3856
 Delta R.T. -0.000 min
 Lab File: BP003330.D
 Acq: 18 Sep 2020 19:57

Instrument :
 BNA_P
 ClientSampleId :
 SU-02-091720

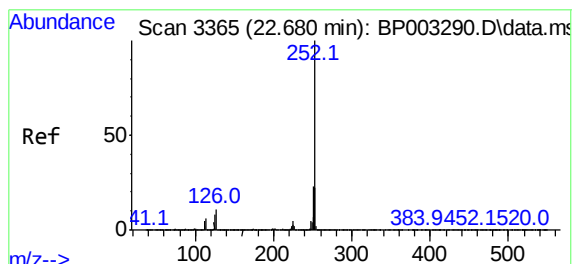
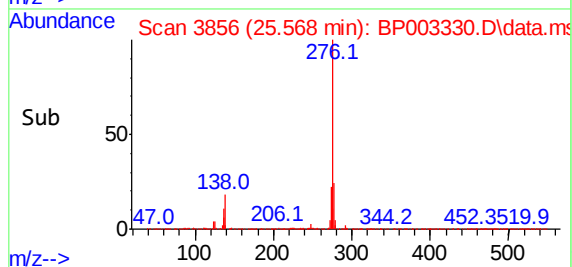
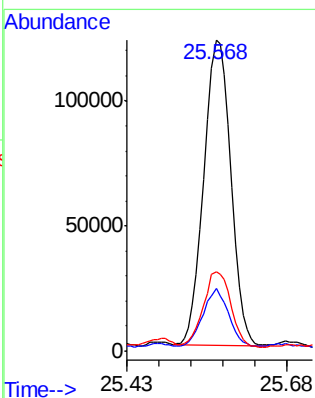
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Tgt Ion: 276 Resp: 340350

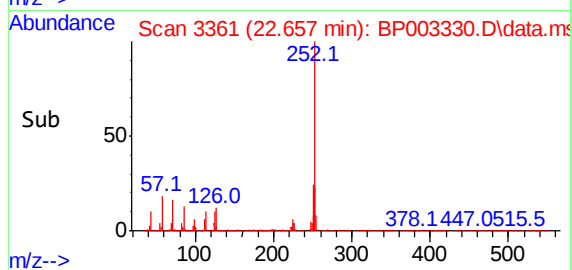
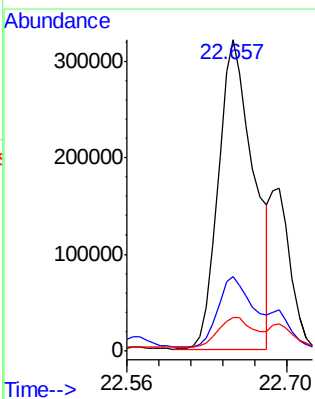
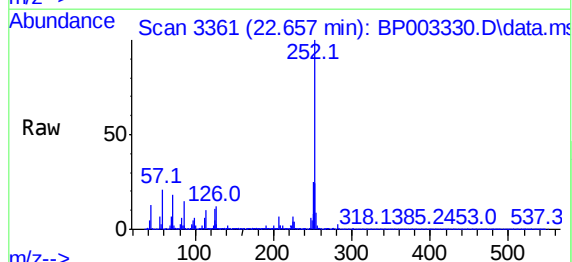
Ion	Ratio	Lower	Upper
276	100		
138	17.6	18.7	28.1#
277	24.8	20.4	30.6

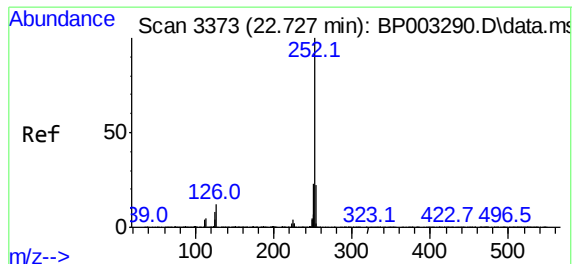


#88
 Benzo(b)fluoranthene
 Concen: 15.73 ng
 RT: 22.657 min Scan# 3361
 Delta R.T. 0.006 min
 Lab File: BP003330.D
 Acq: 18 Sep 2020 19:57

Tgt Ion: 252 Resp: 702338

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.6	26.4
125	10.7	7.3	10.9





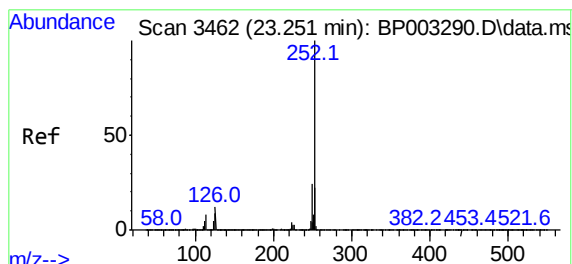
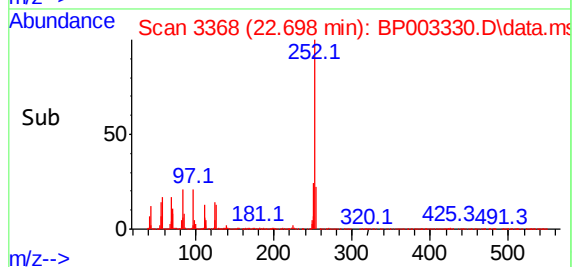
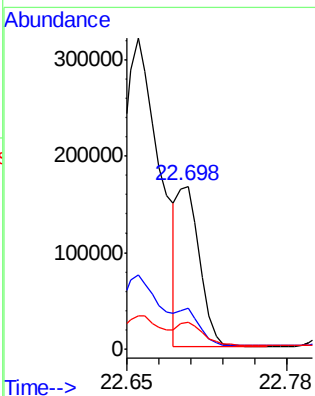
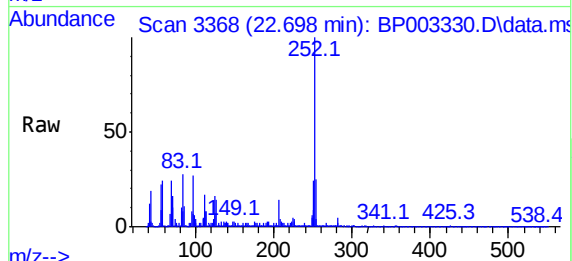
#89
Benzo(k)fluoranthene
Concen: 4.77 ng m
RT: 22.698 min Scan# 3368
Delta R.T. 0.006 min
Lab File: BP003330.D
Acq: 18 Sep 2020 19:57

Instrument :
BNA_P
ClientSampleId :
SU-02-091720

Tgt Ion:252 Resp: 203981
Ion Ratio Lower Upper
252 100
253 24.6 17.8 26.8
125 16.4 7.4 11.2#

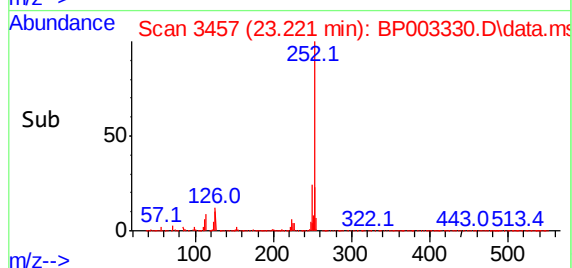
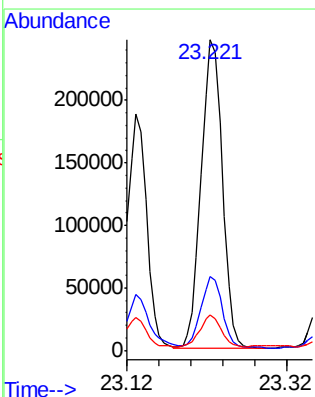
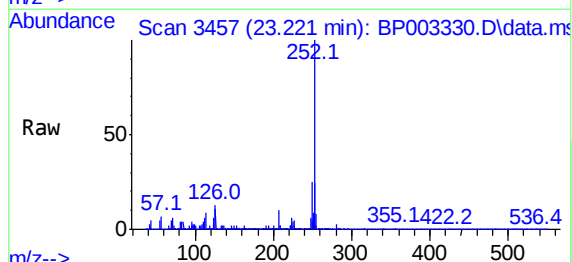
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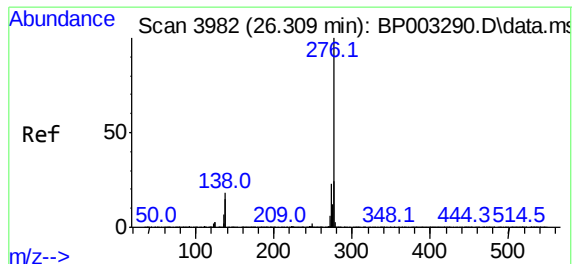
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#90
Benzo(a)pyrene
Concen: 10.97 ng
RT: 23.221 min Scan# 3457
Delta R.T. -0.000 min
Lab File: BP003330.D
Acq: 18 Sep 2020 19:57

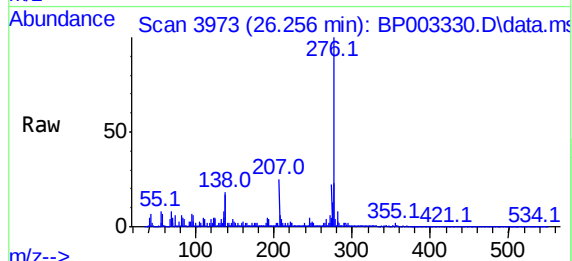
Tgt Ion:252 Resp: 461987
Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.0
125 11.3 8.2 12.4





#92
Benzo(g,h,i)perylene
Concen: 7.32 ng
RT: 26.256 min Scan# 3973
Delta R.T. -0.000 min
Lab File: BP003330.D
Acq: 18 Sep 2020 19:57

Instrument :
BNA_P
ClientSampleId :
SU-02-091720



Tgt Ion: 276 Resp: 323340
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.6
138 18.5 16.6 24.8

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