

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
 Data File : BP003325.D
 Acq On : 18 Sep 2020 17:07
 Operator : CG/JU
 Sample : L4073-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 H-1

Manual Integrations
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Quant Time: Sep 18 18:58:41 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	193942	20.00	ng	0.00
21) Naphthalene-d8	10.375	136	803871	20.00	ng	# 0.00
39) Acenaphthene-d10	14.245	164	504300	20.00	ng	0.00
64) Phenanthrene-d10	17.004	188	1076032	20.00	ng	0.00
76) Chrysene-d12	21.104	240	914328	20.00	ng	0.00
86) Perylene-d12	23.315	264	829802	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	915970	82.47	ng	0.00
7) Phenol-d6	6.799	99	1202254	81.21	ng	0.00
23) Nitrobenzene-d5	8.746	82	786838	57.50	ng	0.00
42) 2,4,6-Tribromophenol	15.745	330	625683	81.34	ng	0.00
45) 2-Fluorobiphenyl	12.863	172	1925263	55.84	ng	0.00
79) Terphenyl-d14	19.586	244	2626858	59.86	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.710	163	429986	10.68	ng	99
71) Phenanthrene	17.045	178	469854	8.03	ng	99
72) Anthracene	17.139	178	146060	2.53	ng	99
75) Fluoranthene	19.027	202	1826244	24.81	ng	99
78) Pyrene	19.380	202	1635816	28.69	ng	100
81) Benzo(a)anthracene	21.092	228	1023403	17.31	ng	99
83) Chrysene	21.139	228	867130	15.27	ng	98
87) Indeno(1,2,3-cd)pyrene	25.562	276	457484	7.27	ng	# 94
88) Benzo(b)fluoranthene	22.657	252	990157	18.90	ng	98
89) Benzo(k)fluoranthene	22.692	252	380929m	7.59	ng	
90) Benzo(a)pyrene	23.221	252	761603	15.41	ng	97
91) Dibenzo(a,h)anthracene	25.562	278	126284m	2.43	ng	
92) Benzo(g,h,i)perylene	26.256	276	412079	7.95	ng	96

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

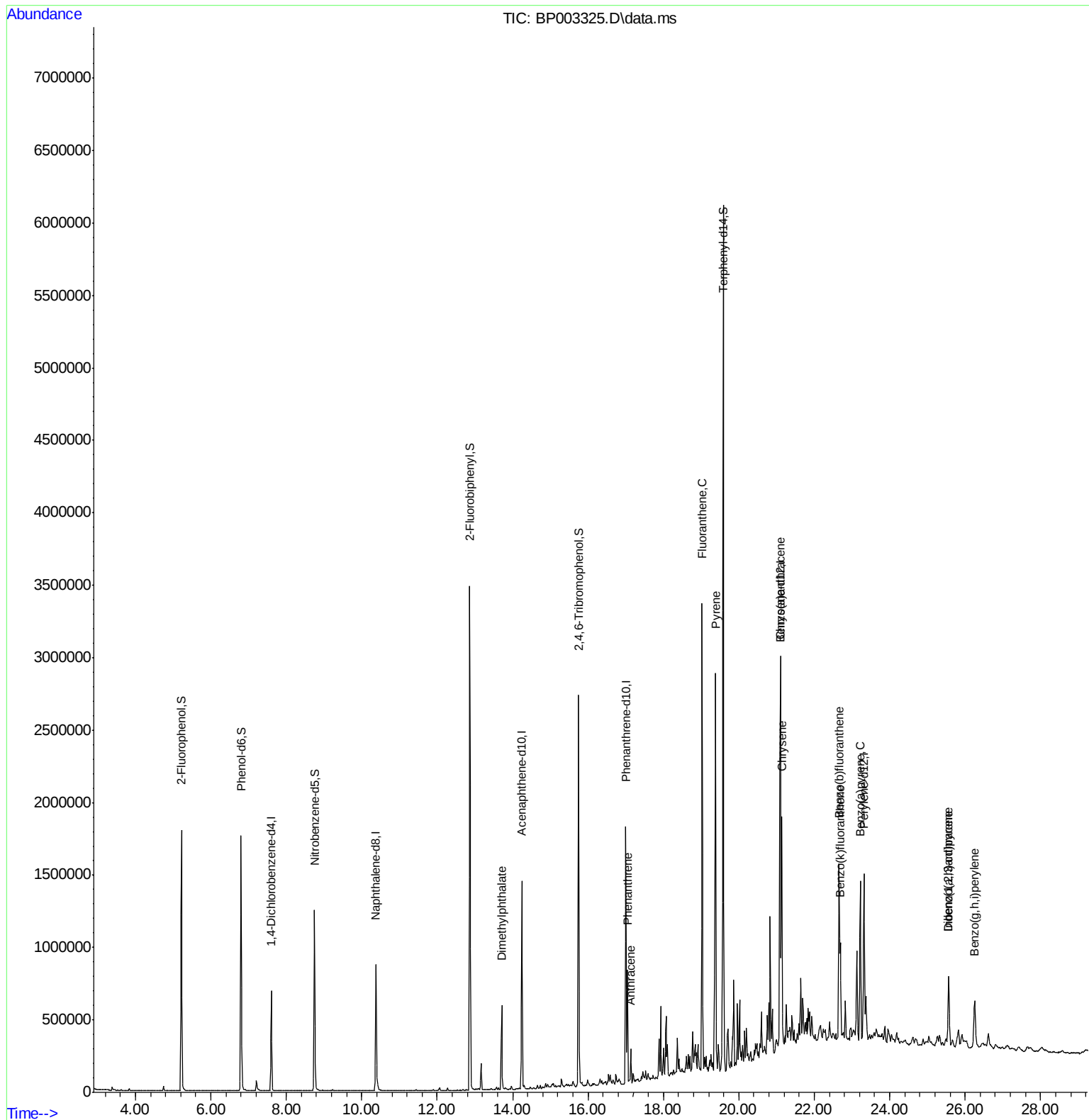
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Data File : BP003325.D
Acq On : 18 Sep 2020 17:07
Operator : CG/JU
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ALS Vial : 8 Sample Multiplier: 1

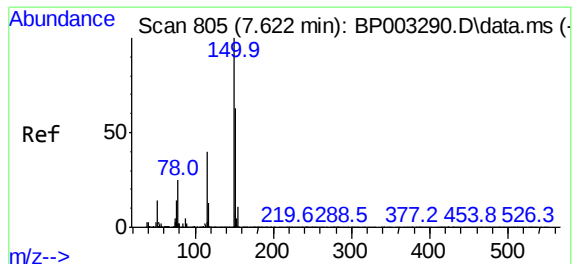
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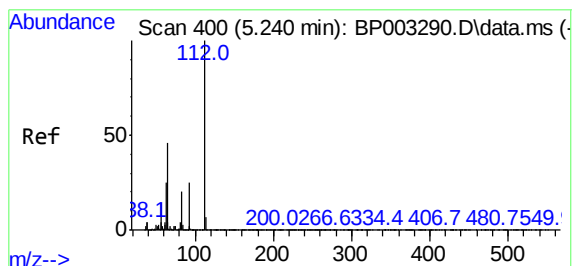
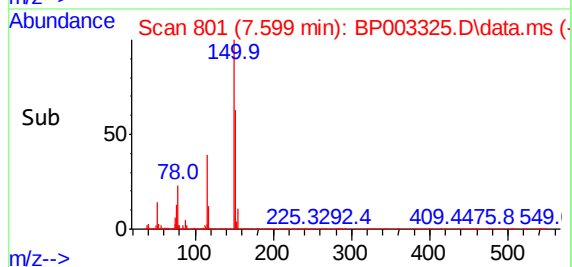
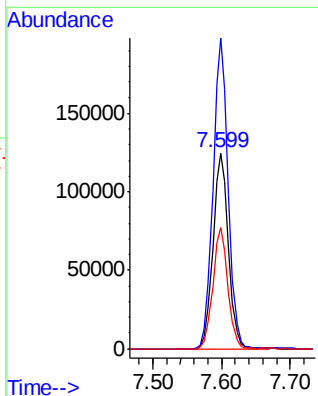
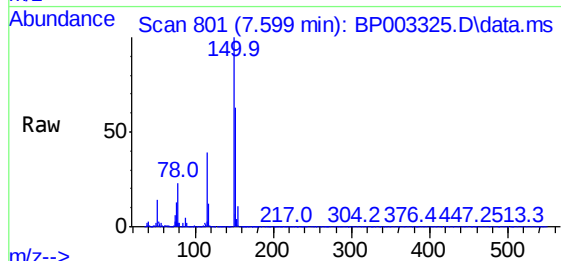
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.599 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Tgt Ion:152 Resp: 193942
Ion Ratio Lower Upper
152 100
150 158.5 123.8 185.6
115 62.0 43.8 65.6

Instrument :
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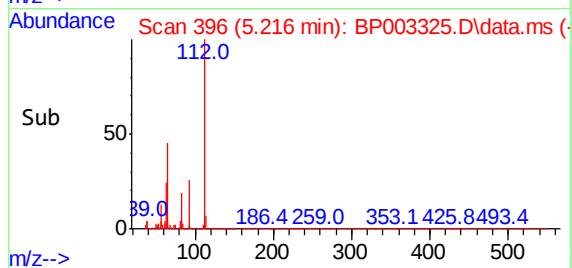
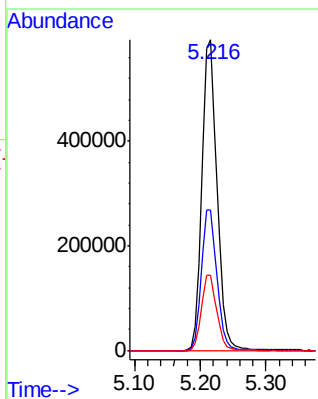
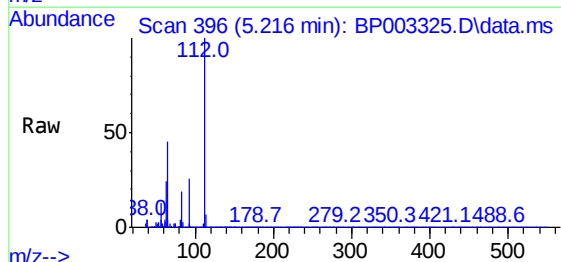
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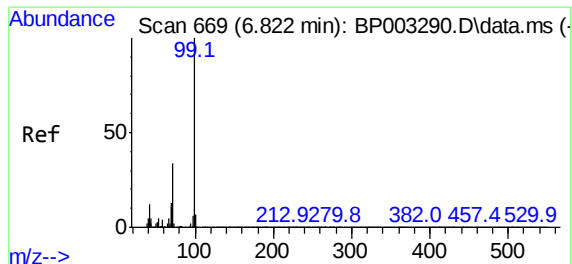
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#5
2-Fluorophenol
Concen: 82.47 ng
RT: 5.216 min Scan# 396
Delta R.T. 0.006 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Tgt Ion:112 Resp: 915970
Ion Ratio Lower Upper
112 100
64 45.1 32.8 49.2
63 24.3 17.0 25.4



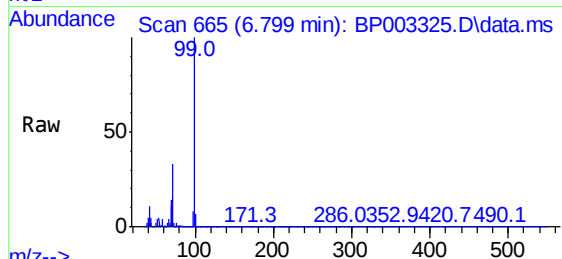


#7
Phenol-d6
Concen: 81.21 ng
RT: 6.799 min Scan# 665
Delta R.T. 0.006 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

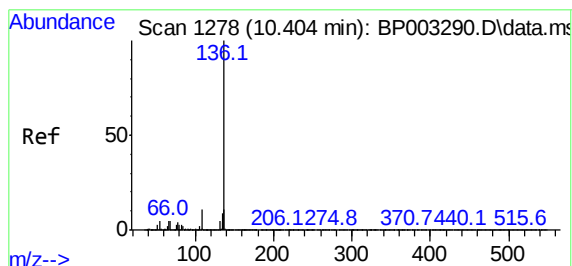
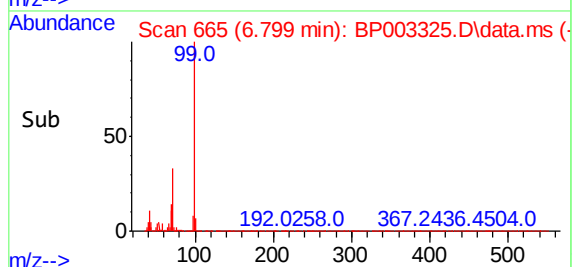
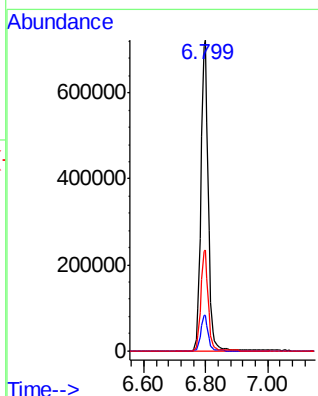
Instrument :
BNA_P
ClientSampleId :
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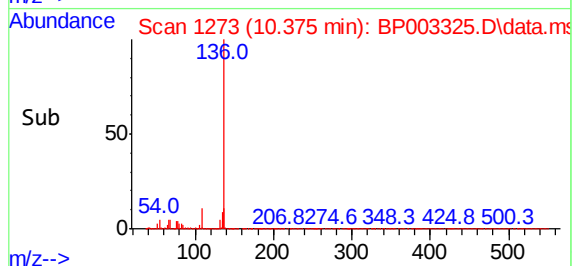
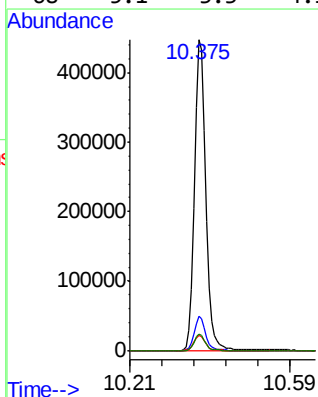
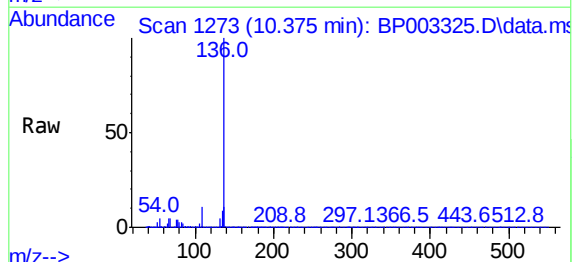


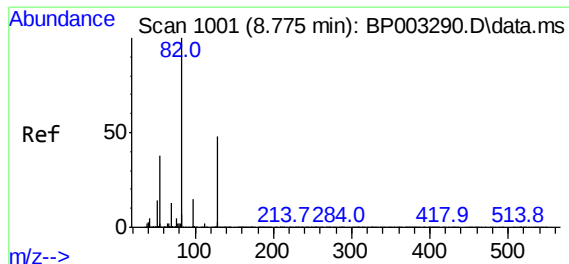
Tgt Ion: 99 Resp: 1202254
Ion Ratio Lower Upper
99 100
42 11.4 8.6 13.0
71 32.6 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.375 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Tgt Ion: 136 Resp: 803871
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 4.9 3.6 5.4
68 5.1 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 57.50 ng
RT: 8.746 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

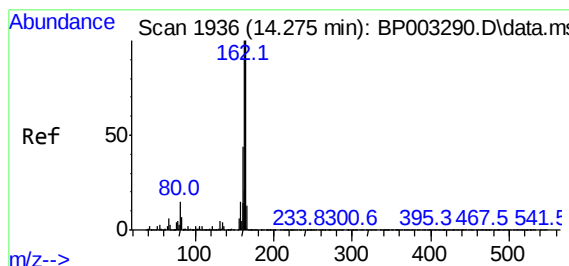
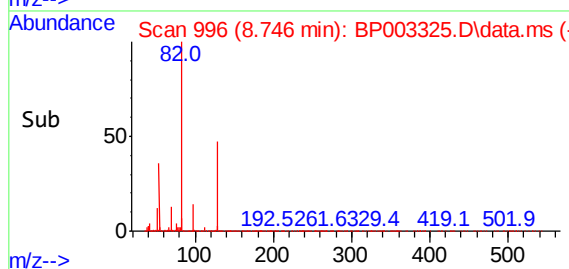
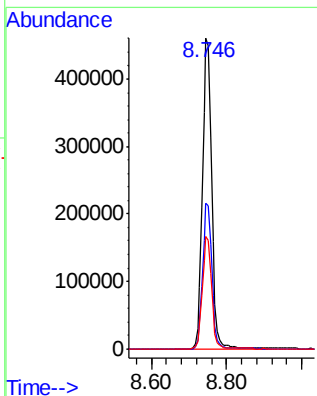
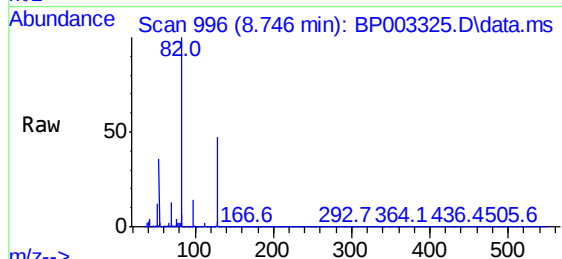
Instrument :
BNA_P
ClientSampled :
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Tgt Ion: 82 Resp: 786838

Ion	Ratio	Lower	Upper
82	100		
128	46.8	45.6	68.4
54	36.2	30.1	45.1

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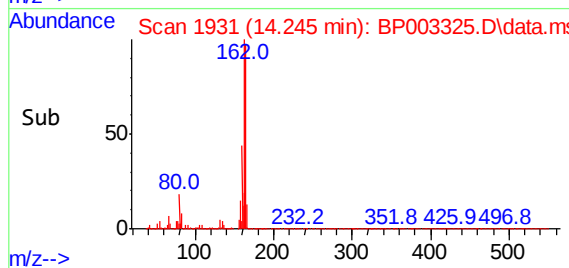
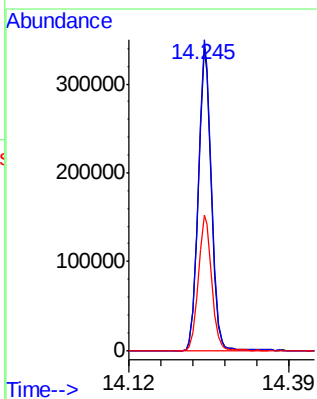
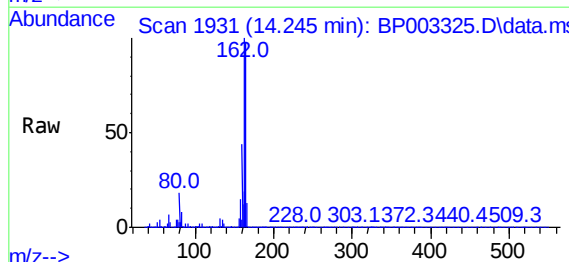
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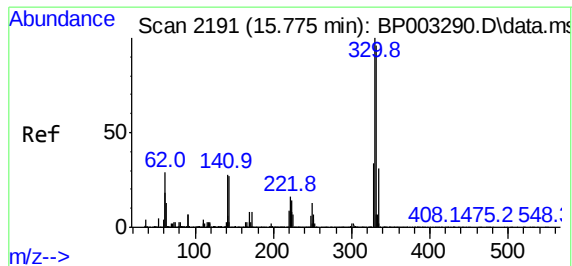


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.245 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Tgt Ion: 164 Resp: 504300

Ion	Ratio	Lower	Upper
164	100		
162	102.7	79.4	119.2
160	44.9	36.1	54.1





#42
2,4,6-Tribromophenol
Concen: 81.34 ng
RT: 15.745 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

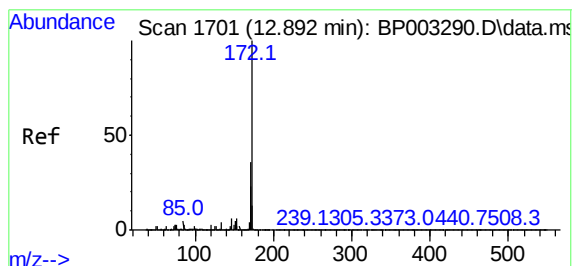
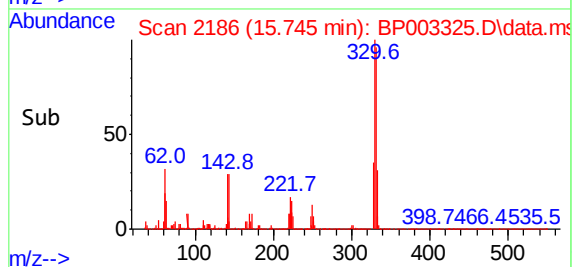
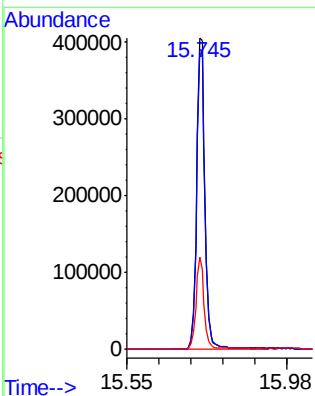
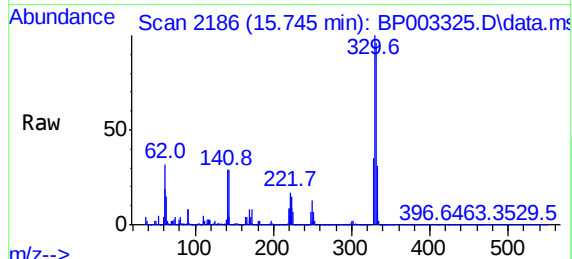
Tgt Ion: 330 Resp: 625683

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	28.4	23.4	35.2

Instrument :
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Manual Integrations
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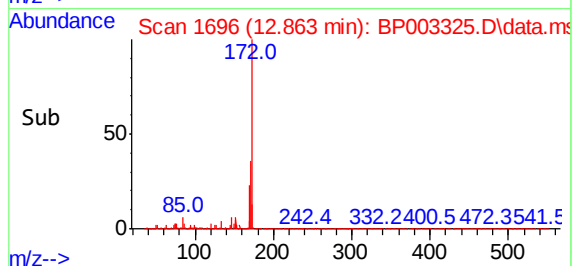
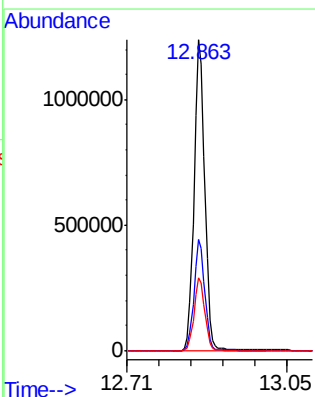
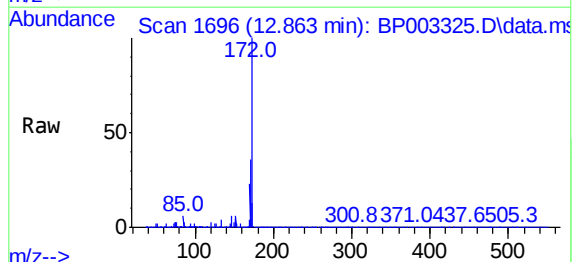
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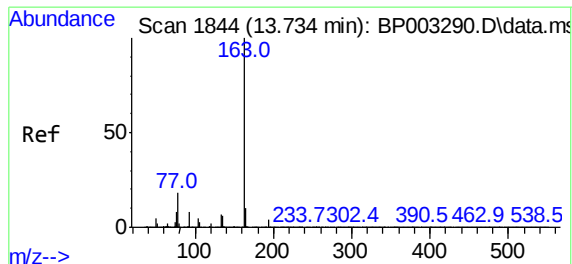


#45
2-Fluorobiphenyl
Concen: 55.84 ng
RT: 12.863 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Tgt Ion: 172 Resp: 1925263

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.4	19.2	28.8



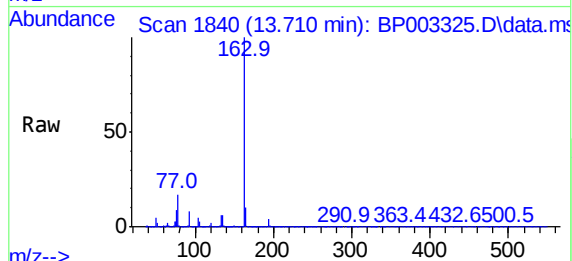


#50
Dimethylphthalate
Concen: 10.68 ng
RT: 13.710 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

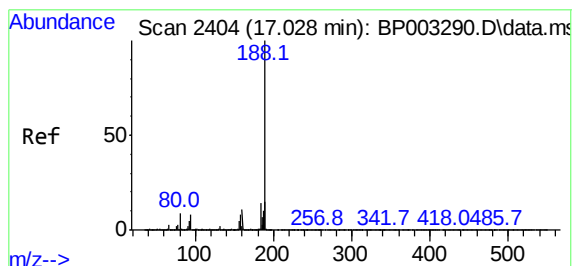
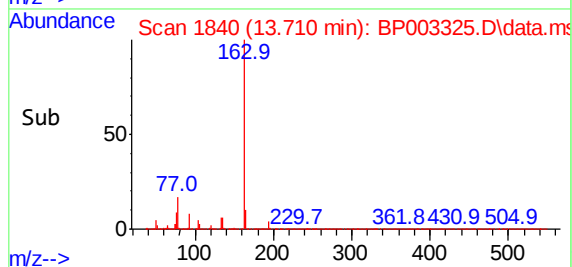
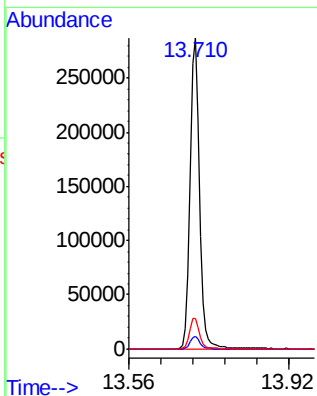
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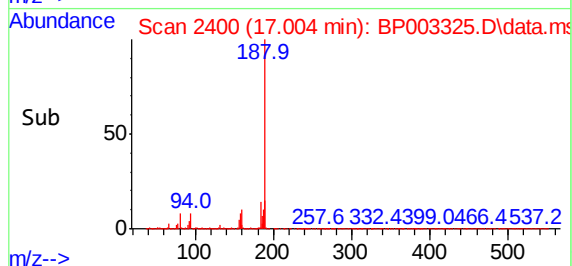
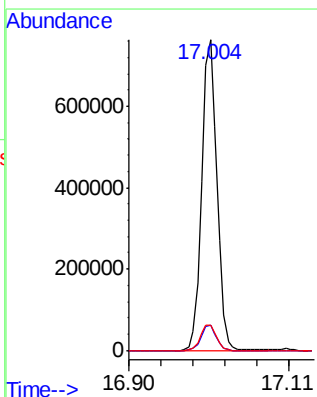
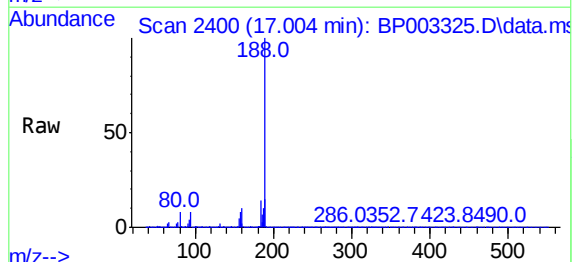


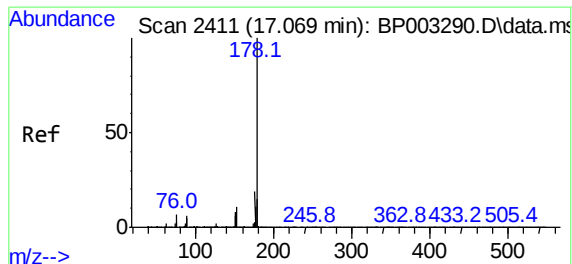
Tgt Ion:163 Resp: 429986
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.8 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.004 min Scan# 2400
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

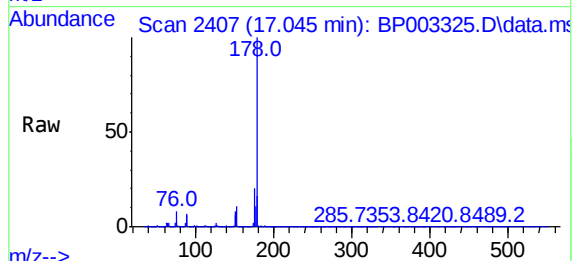
Tgt Ion:188 Resp: 1076032
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 8.3 6.2 9.2





#71
Phenanthrene
Concen: 8.03 ng
RT: 17.045 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Instrument :
BNA_P
ClientSampleId :
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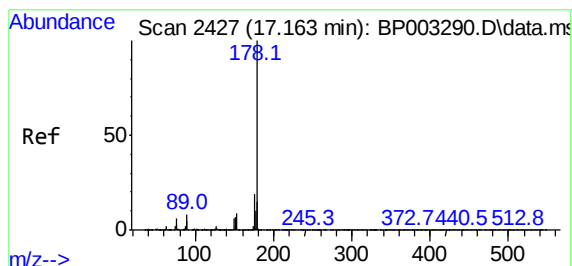
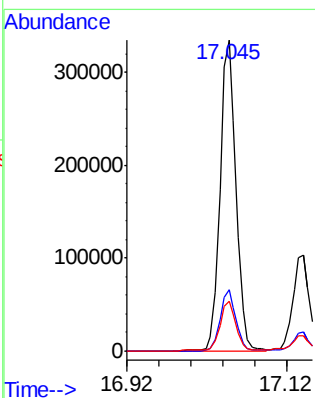
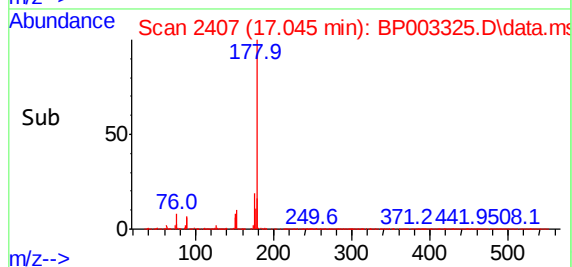


Tgt Ion:178 Resp: 469854

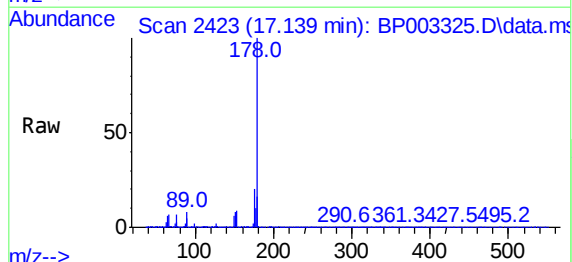
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.8	12.5	18.7

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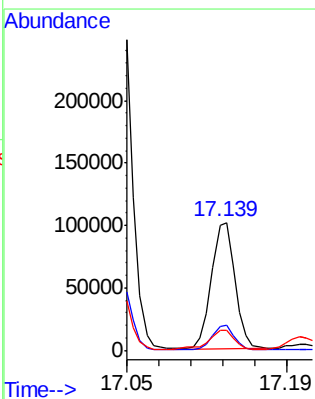
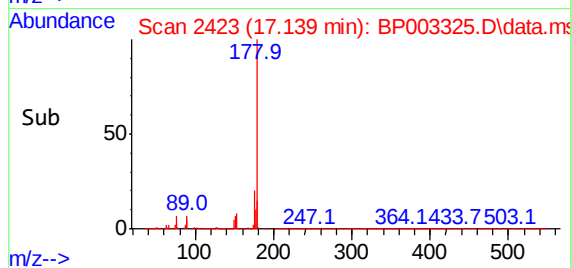


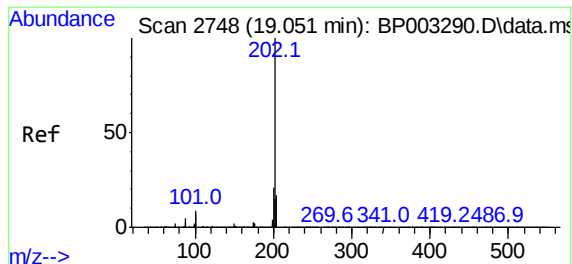
#72
Anthracene
Concen: 2.53 ng
RT: 17.139 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07



Tgt Ion:178 Resp: 146060

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.0	22.4
179	15.5	12.5	18.7





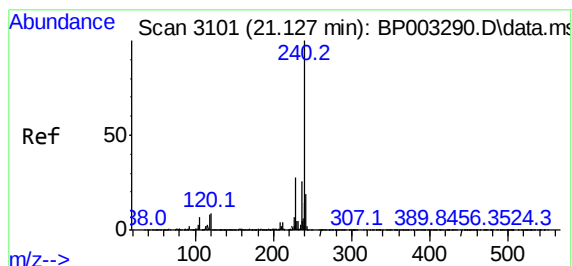
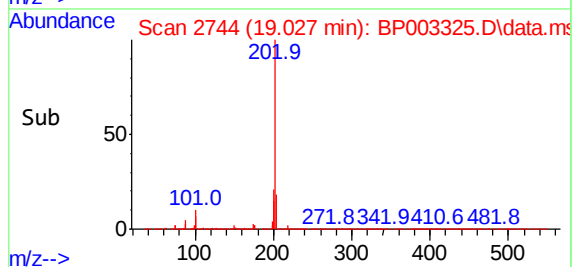
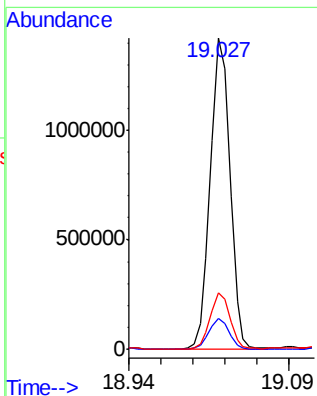
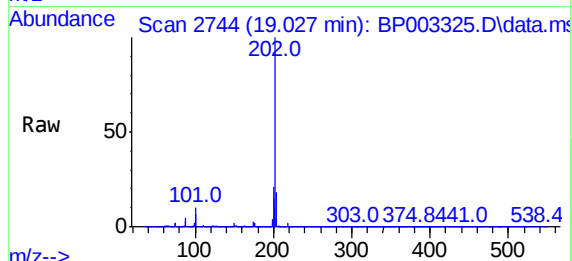
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Fluoranthene
Concen: 24.81 ng
RT: 19.027 min Scan# 2744
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:202 Resp: 1826244
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.4
203 17.9 0.0 37.8

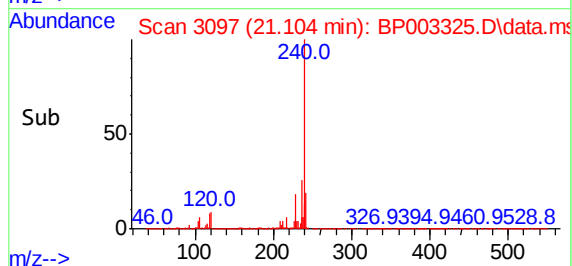
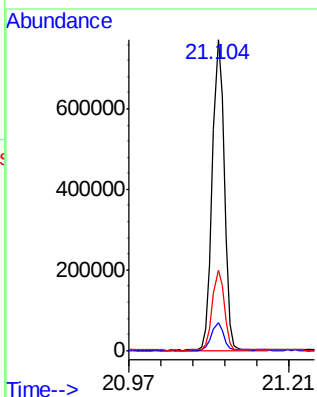
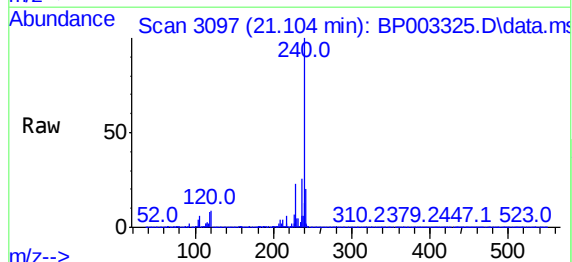
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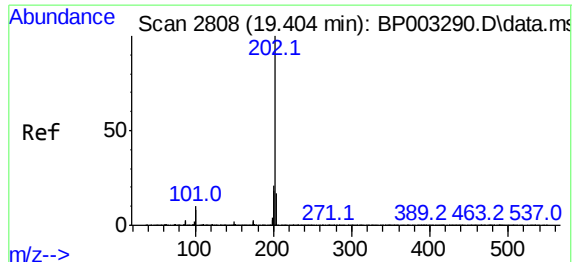
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.104 min Scan# 3097
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

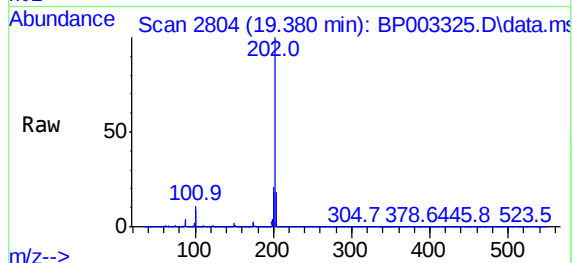
Tgt Ion:240 Resp: 914328
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 26.0 20.8 31.2





#78
Pyrene
Concen: 28.69 ng
RT: 19.380 min Scan# 2804
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Instrument :
BNA_P
ClientSampleId :
H-1

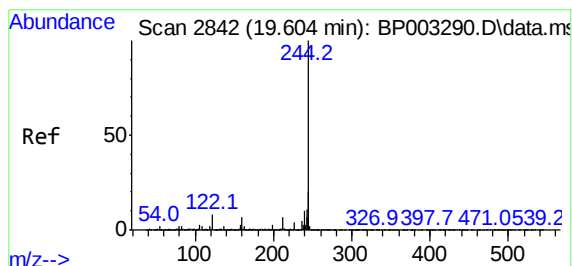
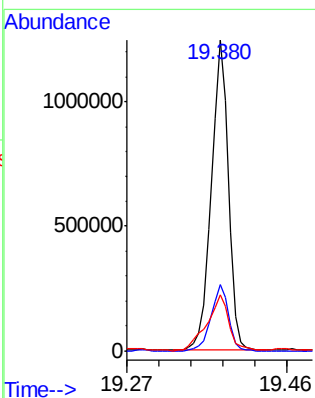
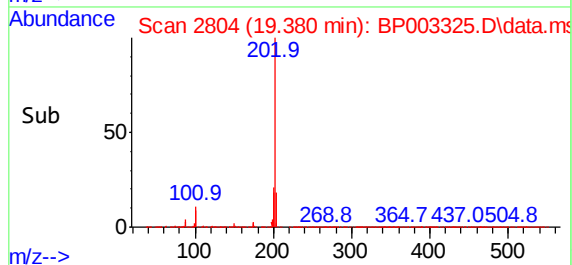


Tgt Ion:202 Resp: 1635816

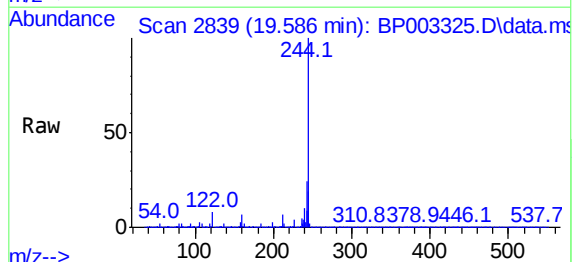
Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	17.9	14.2	21.2

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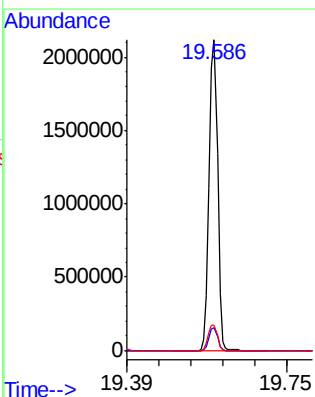
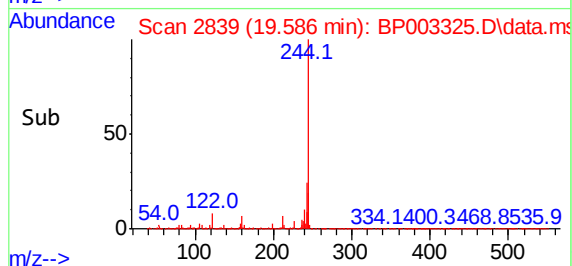


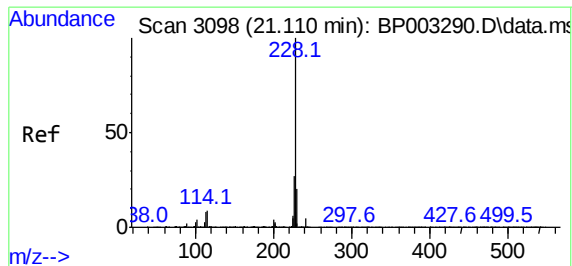
#79
Terphenyl-d14
Concen: 59.86 ng
RT: 19.586 min Scan# 2839
Delta R.T. 0.006 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07



Tgt Ion:244 Resp: 2626858

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	8.2	7.8	11.8





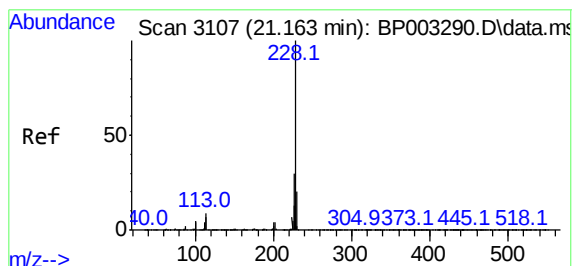
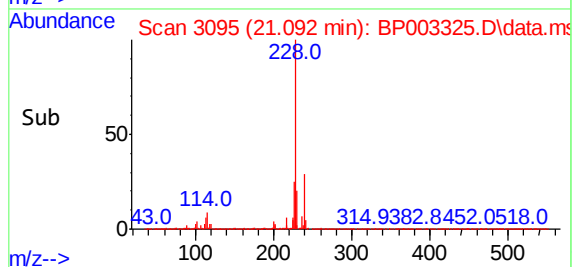
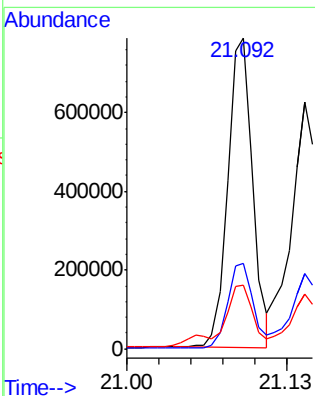
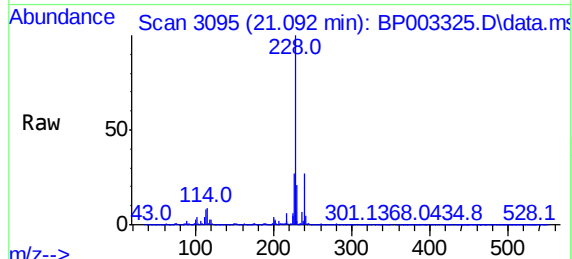
#81
Benzo(a)anthracene
Concen: 17.31 ng
RT: 21.092 min Scan# 3095
Delta R.T. 0.006 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Instrument :
BNA_P
ClientSampled :
H-1

Tgt Ion:228 Resp: 1023403
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 20.7 15.9 23.9

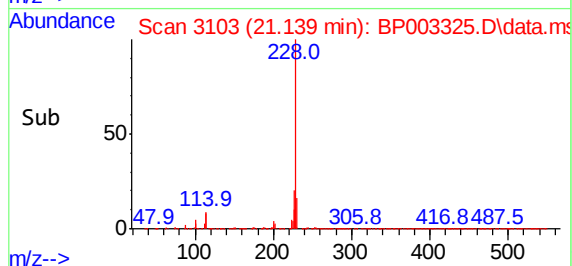
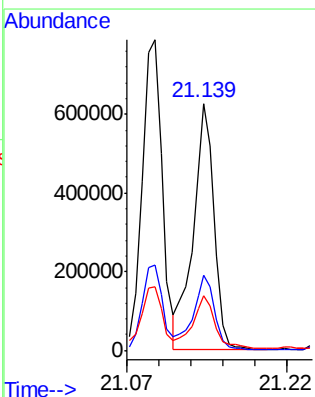
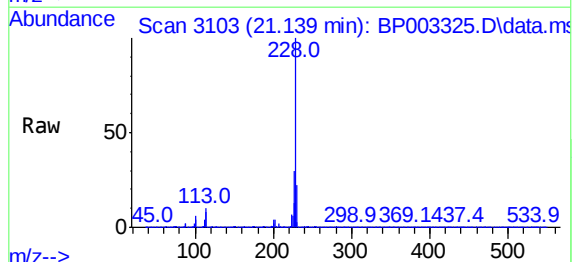
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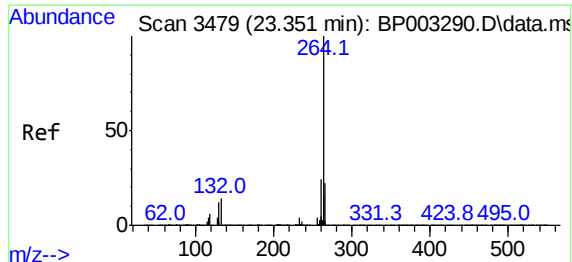
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#83
Chrysene
Concen: 15.27 ng
RT: 21.139 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

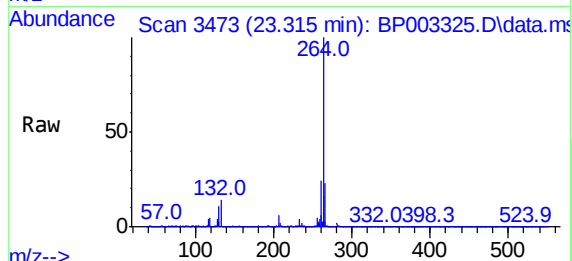
Tgt Ion:228 Resp: 867130
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 22.1 15.8 23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.315 min Scan# 3473
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Instrument :
BNA_P
ClientSampled :
H-1

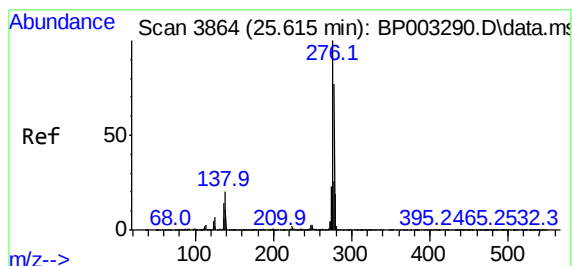
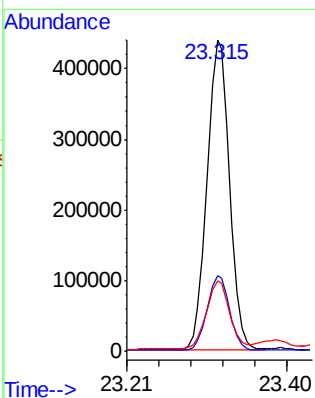
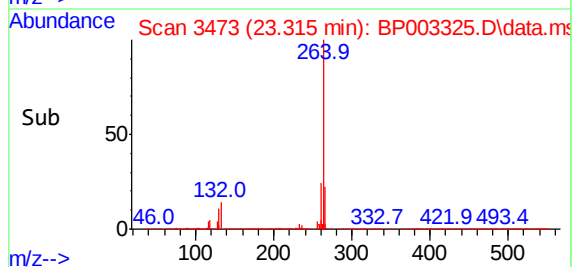


Tgt Ion:264 Resp: 829802

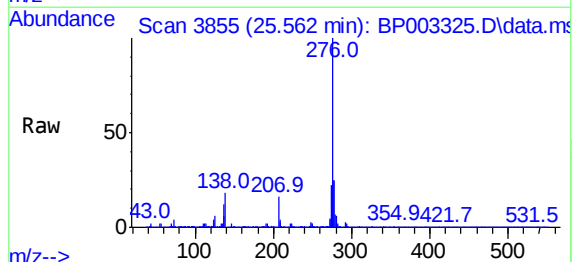
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	22.7	17.4	26.2

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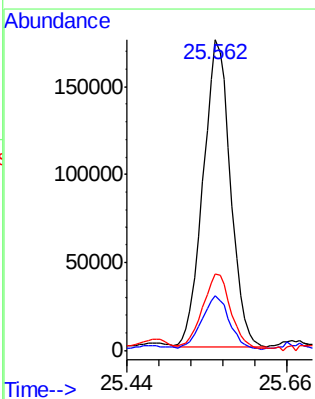
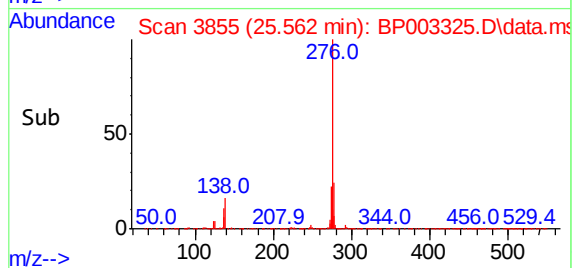


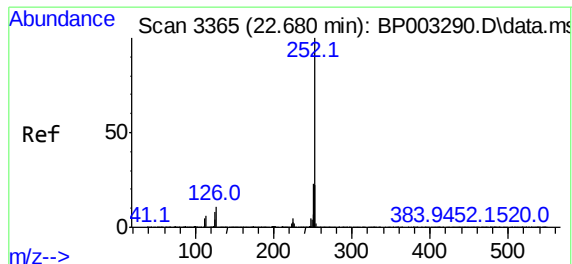
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.27 ng
RT: 25.562 min Scan# 3855
Delta R.T. -0.006 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07



Tgt Ion:276 Resp: 457484

Ion	Ratio	Lower	Upper
276	100		
138	17.4	18.7	28.1#
277	25.2	20.4	30.6





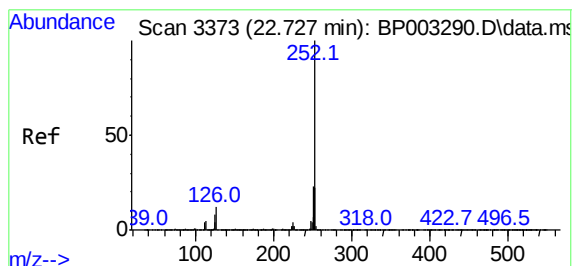
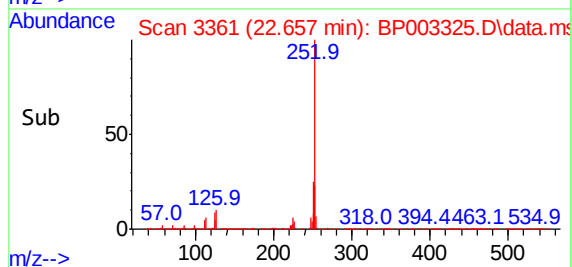
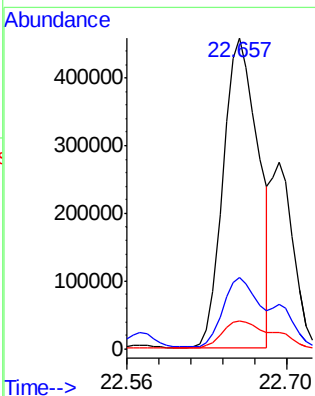
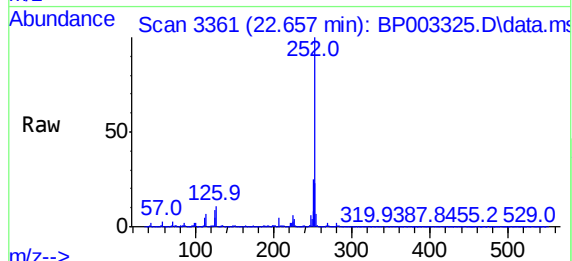
#88
Benzo(b)fluoranthene
Concen: 18.90 ng
RT: 22.657 min Scan# 3361
Delta R.T. 0.006 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Instrument :
BNA_P
ClientSampleId :
H-1

Tgt Ion:252 Resp: 990157
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 8.9 7.3 10.9

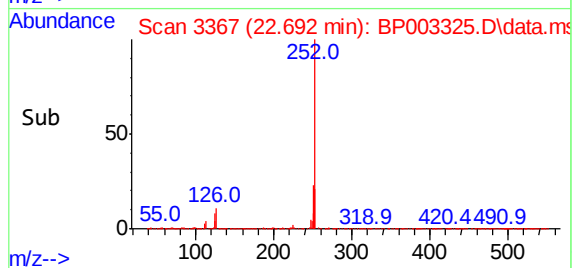
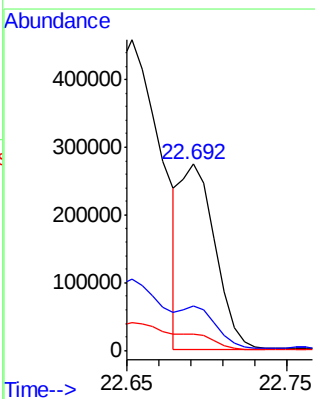
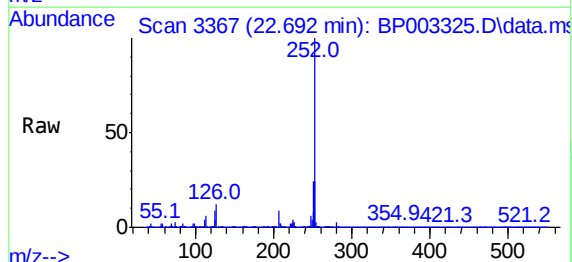
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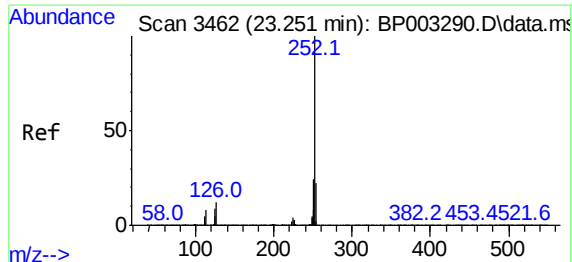
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#89
Benzo(k)fluoranthene
Concen: 7.59 ng m
RT: 22.692 min Scan# 3367
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Tgt Ion:252 Resp: 380929
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 8.6 7.4 11.2





#90

Benzo(a)pyrene

Concen: 15.41 ng

RT: 23.221 min Scan# 3457

Delta R.T. -0.000 min

Lab File: BP003325.D

Acq: 18 Sep 2020 17:07

Tgt Ion:252 Resp: 761603

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	9.1	8.2	12.4

Instrument :

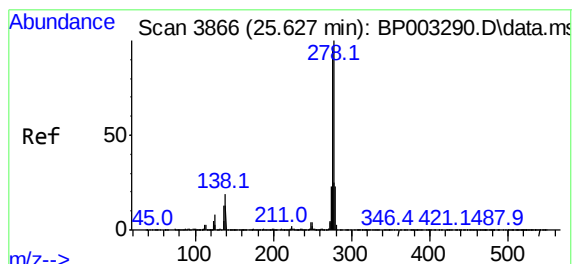
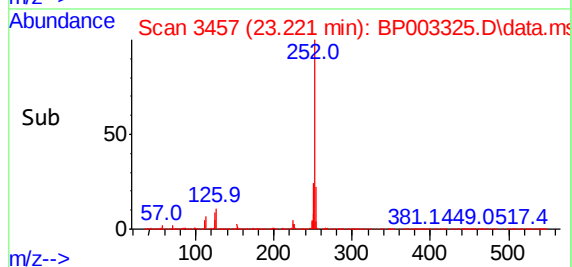
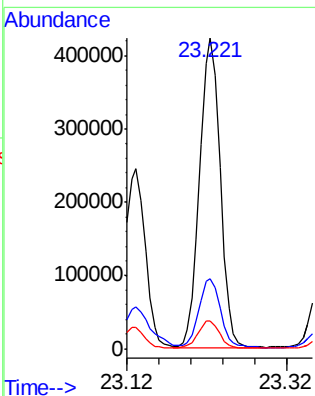
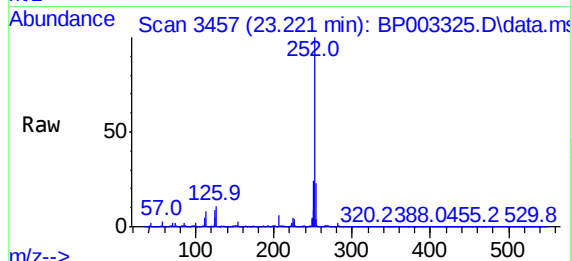
BNA_P

ClientSampled :

H-1

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#91

Dibenzo(a,h)anthracene

Concen: 2.43 ng m

RT: 25.562 min Scan# 3855

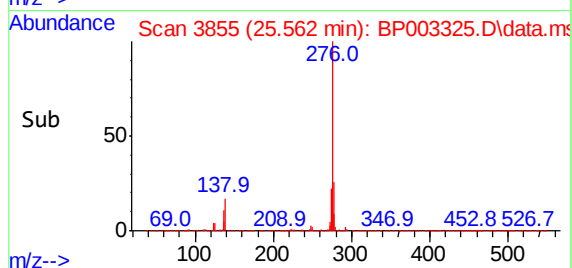
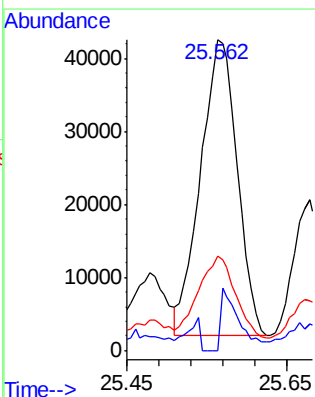
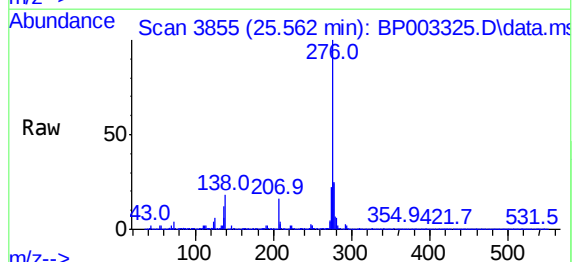
Delta R.T. -0.012 min

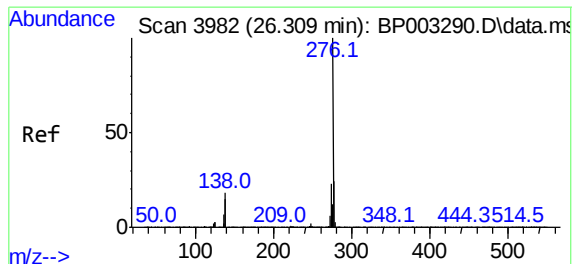
Lab File: BP003325.D

Acq: 18 Sep 2020 17:07

Tgt Ion:278 Resp: 126284

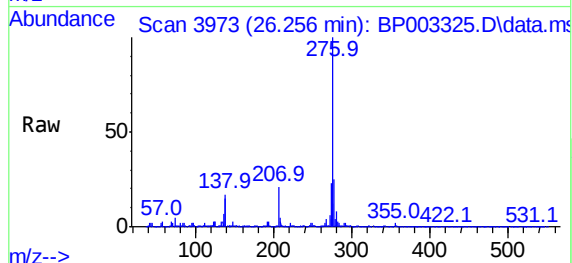
Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.4	18.6#
279	30.4	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 7.95 ng
RT: 26.256 min Scan# 3973
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Instrument :
BNA_P
ClientSampleId :
H-1



Tgt Ion:276 Resp: 412079
Ion Ratio Lower Upper
276 100
277 24.7 19.0 28.6
138 17.2 16.6 24.8

Manual Integrations
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