

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
 Data File : BP004829.D
 Acq On : 19 Feb 2021 19:14
 Operator : CG/JU
 Sample : M1439-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-142-150

Manual Integrations
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Quant Time: Feb 19 23:53:18 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 12:04:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	50552	20.00	ng	0.00
21) Naphthalene-d8	10.557	136	180788	20.00	ng	# 0.00
39) Acenaphthene-d10	14.416	164	103878	20.00	ng	0.00
64) Phenanthrene-d10	17.169	188	221050	20.00	ng	0.00
76) Chrysene-d12	21.257	240	259778	20.00	ng	0.00
86) Perylene-d12	23.563	264	269879	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	348602	106.47	ng	0.00
7) Phenol-d6	6.946	99	424391	94.26	ng	0.00
23) Nitrobenzene-d5	8.922	82	269607	64.98	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	147993	107.23	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	500561	58.90	ng	0.00
79) Terphenyl-d14	19.733	244	696813	45.06	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.969	94	16248	3.73	ng	75
31) Naphthalene	10.610	128	24923	2.36	ng	97
50) Dimethylphthalate	13.869	163	27076	2.96	ng	98
71) Phenanthrene	17.210	178	260736	19.26	ng	99
72) Anthracene	17.304	178	61403	4.72	ng	98
73) Carbazole	17.575	167	31085	2.60	ng	96
75) Fluoranthene	19.186	202	498803	30.93	ng	98
78) Pyrene	19.533	202	432688	23.62	ng	98
81) Benzo(a)anthracene	21.239	228	261937	14.22	ng	98
83) Chrysene	21.292	228	234244	13.13	ng	98
87) Indeno(1,2,3-cd)pyrene	25.927	276	159309	7.39	ng	# 92
88) Benzo(b)fluoranthene	22.863	252	342463m	17.33	ng	
89) Benzo(k)fluoranthene	22.904	252	89616m	4.72	ng	
90) Benzo(a)pyrene	23.463	252	226585	12.68	ng	98
91) Dibenzo(a,h)anthracene	25.933	278	41916m	2.33	ng	
92) Benzo(g,h,i)perylene	26.657	276	154160	8.94	ng	# 95

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

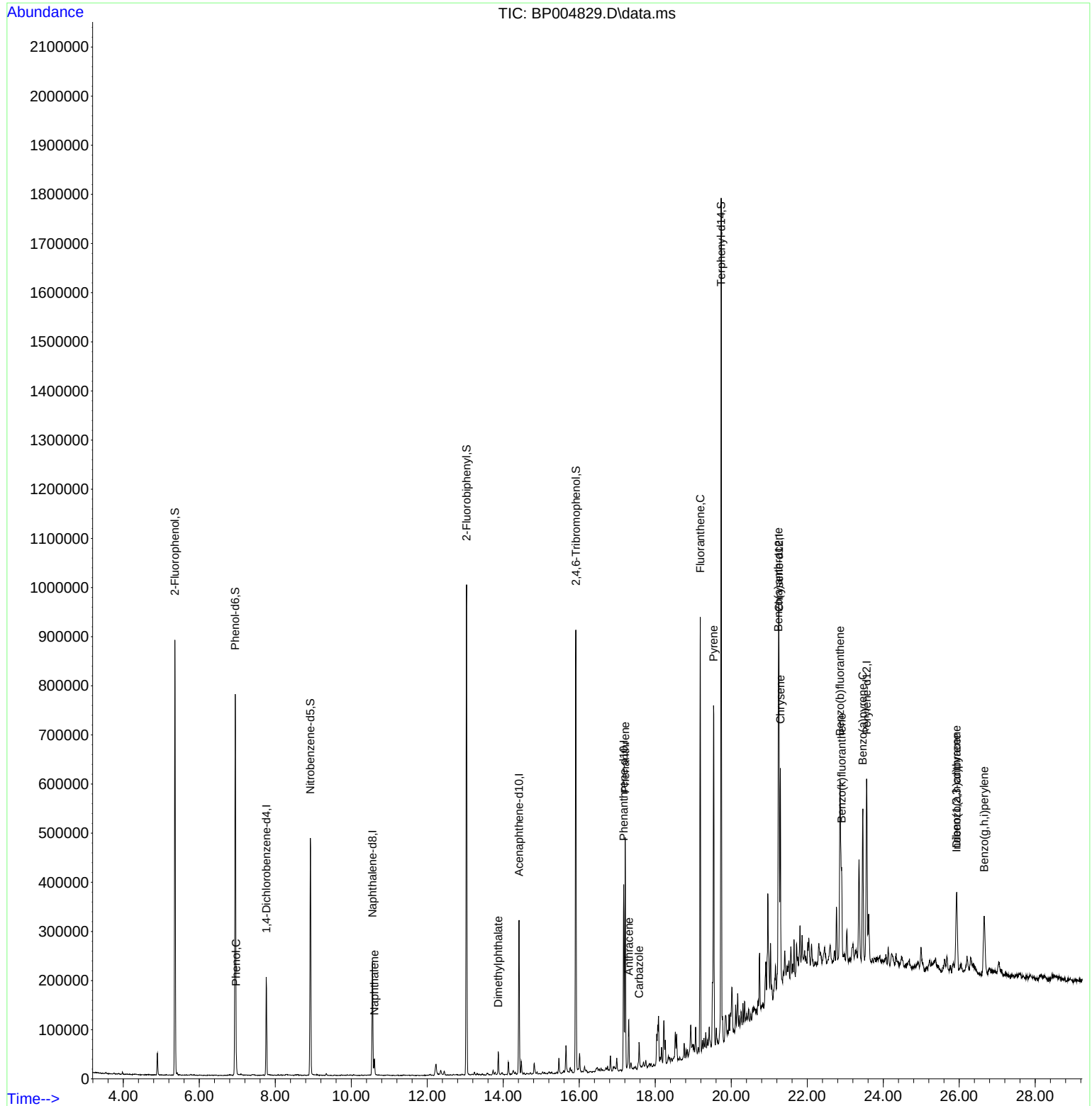
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Data File : BP004829.D
Acq On : 19 Feb 2021 19:14
Operator : CG/JU
Sample : M1439-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

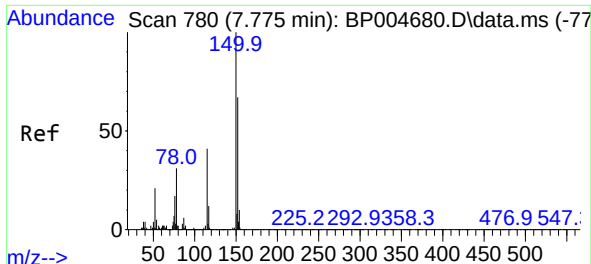
Instrument :
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ClientSampleId :
SP-142-150

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Quant Time: Feb 19 23:53:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 12:04:44 2021
Response via : Initial Calibration





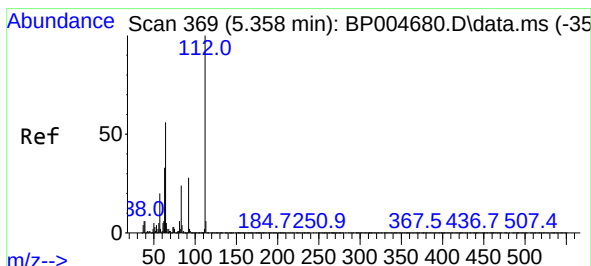
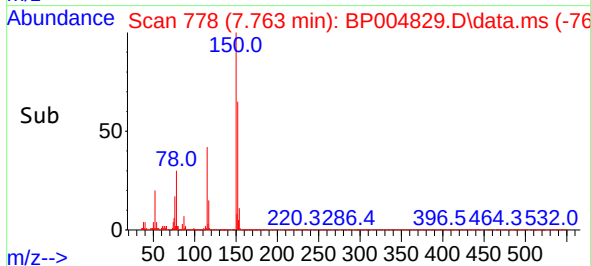
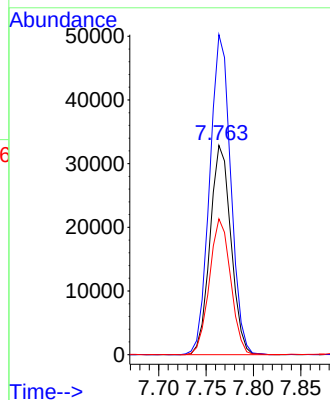
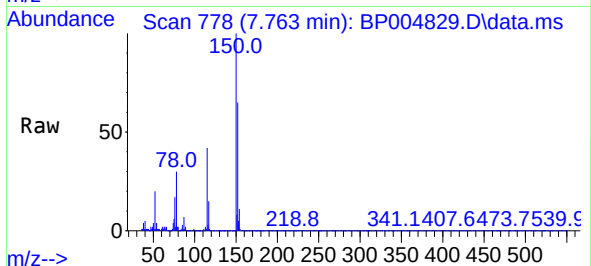
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.763 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP004829.D
Acq: 19 Feb 2021 19:14

Tgt Ion:152 Resp: 50552
Ion Ratio Lower Upper
152 100
150 152.9 123.8 185.6
115 64.9 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
SP-142-150

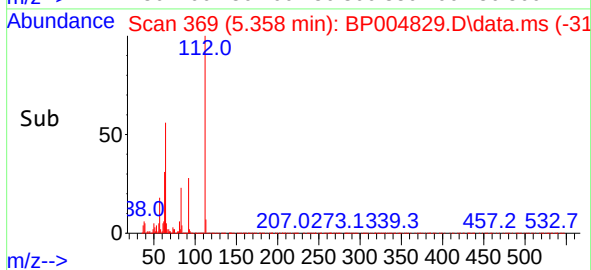
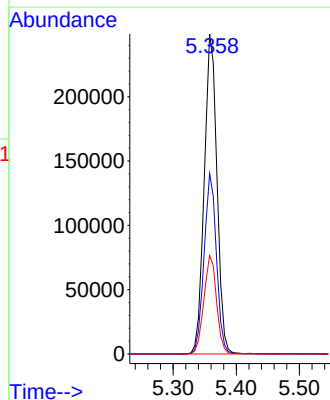
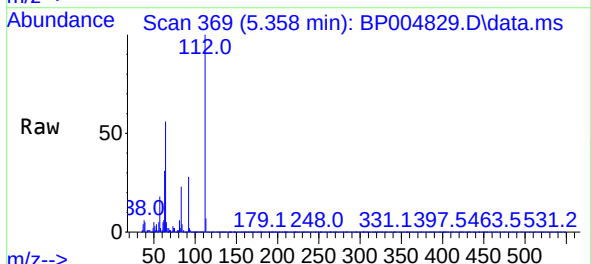
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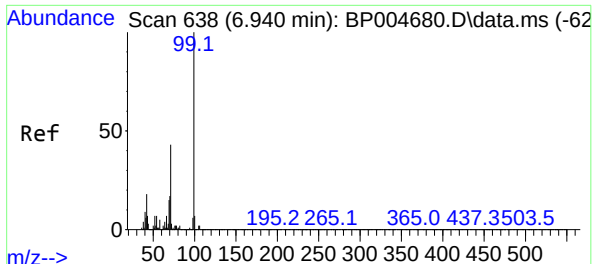
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#5
2-Fluorophenol
Concen: 106.47 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP004829.D
Acq: 19 Feb 2021 19:14

Tgt Ion:112 Resp: 348602
Ion Ratio Lower Upper
112 100
64 56.4 32.8 49.2#
63 30.7 17.0 25.4#





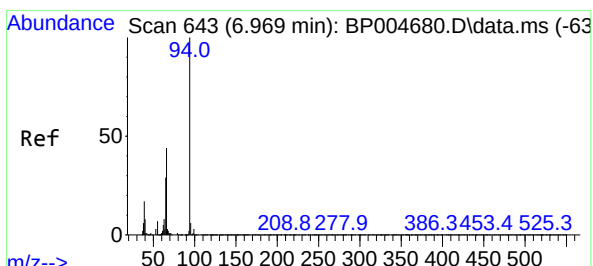
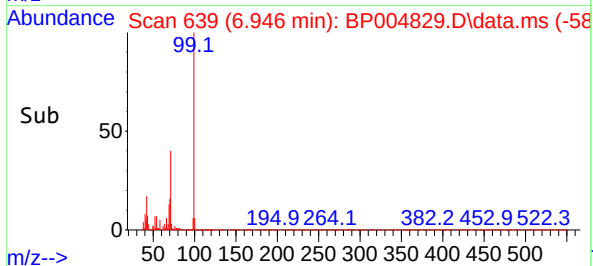
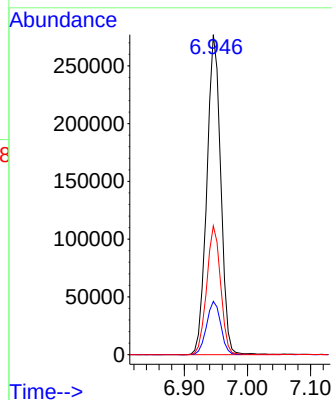
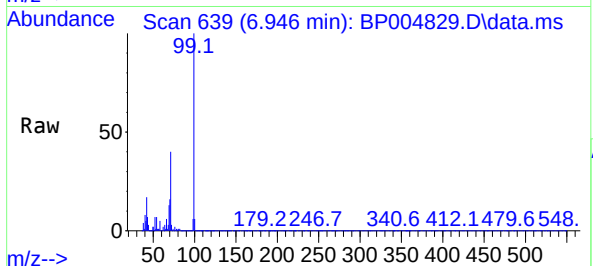
#7
Phenol-d6
Concen: 94.26 ng
RT: 6.946 min Scan# 639
Delta R.T. 0.000 min
Lab File: BP004829.D
Acq: 19 Feb 2021 19:14

Tgt Ion: 99 Resp: 424391
Ion Ratio Lower Upper
99 100
42 16.6 8.6 13.0#
71 40.2 23.4 35.2#

Instrument :
BNA_P
ClientSampleId :
SP-142-150

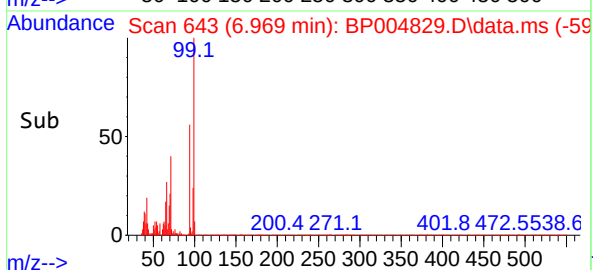
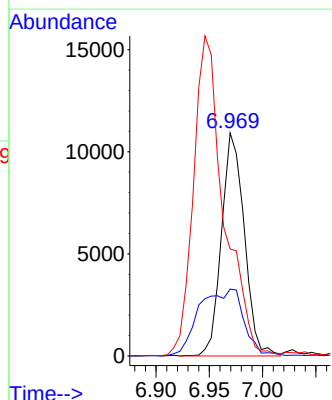
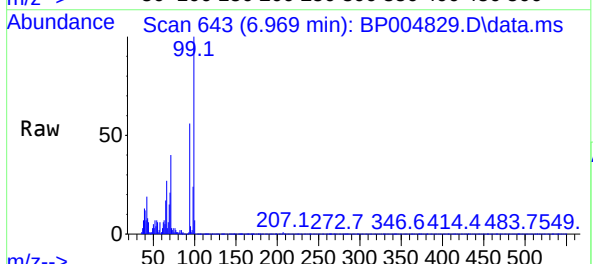
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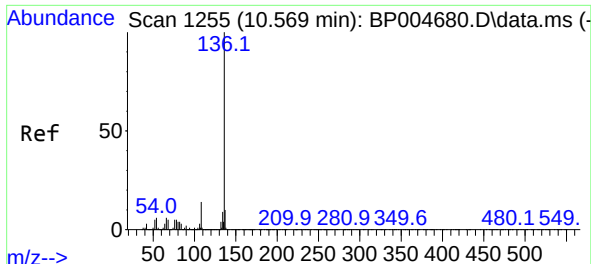
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#10
Phenol
Concen: 3.73 ng
RT: 6.969 min Scan# 643
Delta R.T. 0.000 min
Lab File: BP004829.D
Acq: 19 Feb 2021 19:14

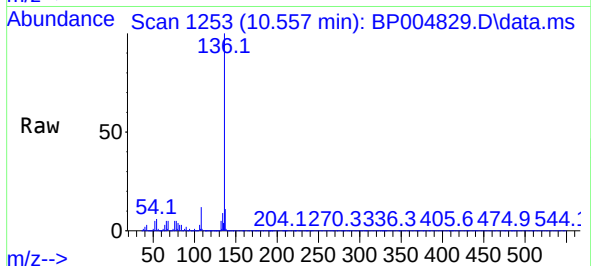
Tgt Ion: 94 Resp: 16248
Ion Ratio Lower Upper
94 100
65 30.0 2.3 42.3
66 48.0 10.9 50.9





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.557 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BP004829.D
Acq: 19 Feb 2021 19:14

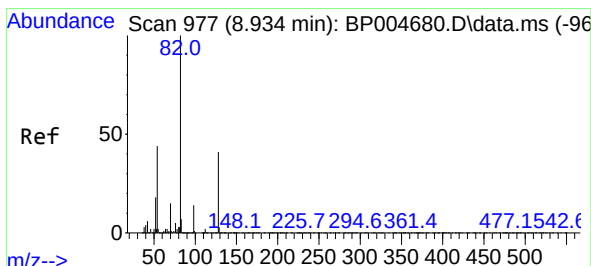
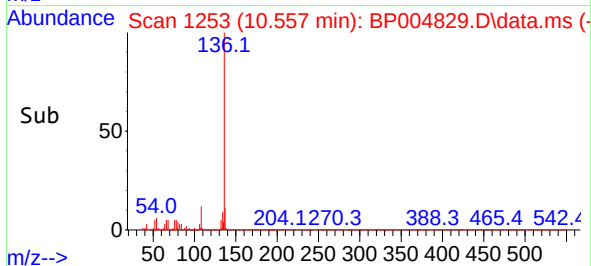
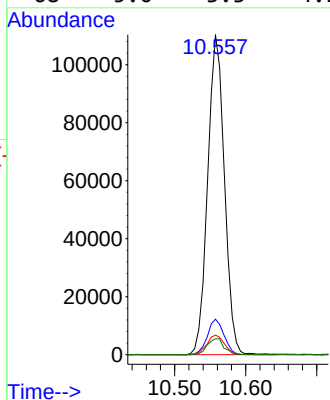
Instrument :
BNA_P
ClientSampleId :
SP-142-150



Tgt Ion:136 Resp: 180788
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 6.1 3.6 5.4#
68 5.0 3.3 4.9#

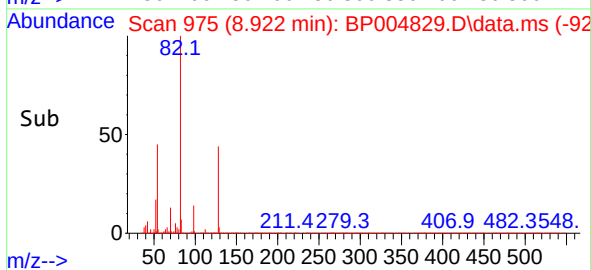
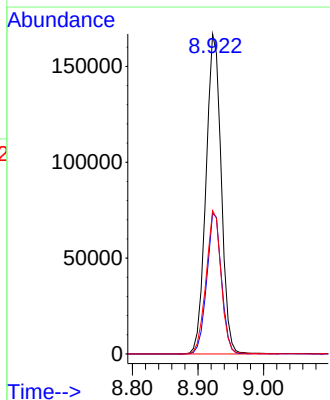
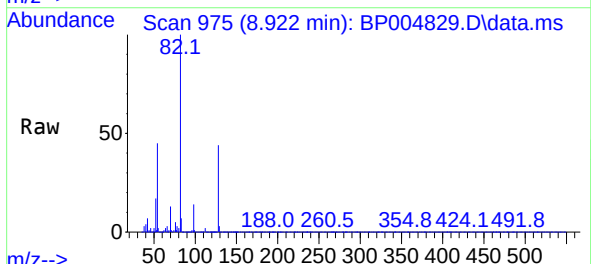
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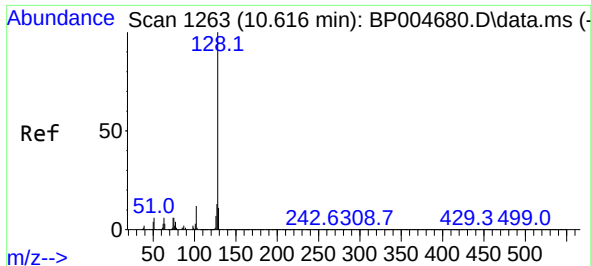
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#23
Nitrobenzene-d5
Concen: 64.98 ng
RT: 8.922 min Scan# 975
Delta R.T. 0.000 min
Lab File: BP004829.D
Acq: 19 Feb 2021 19:14

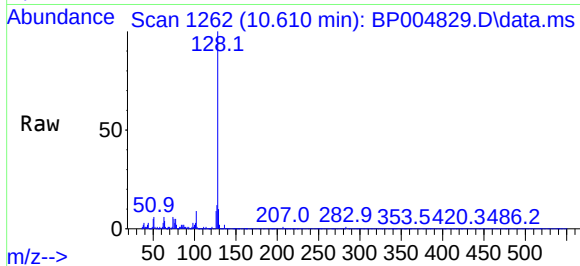
Tgt Ion: 82 Resp: 269607
Ion Ratio Lower Upper
82 100
128 44.0 45.6 68.4#
54 44.8 30.1 45.1





#31
Naphthalene
Concen: 2.36 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BP004829.D
Acq: 19 Feb 2021 19:14

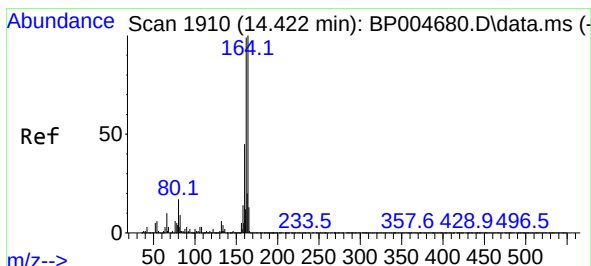
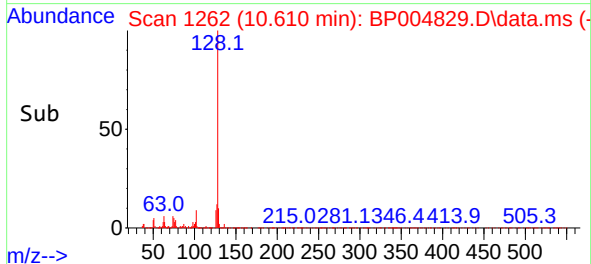
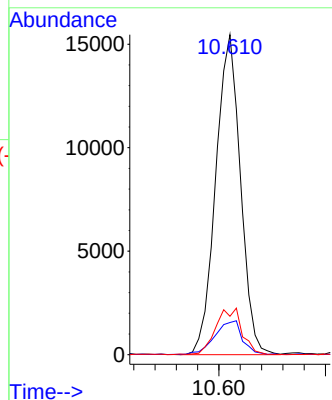
Instrument :
BNA_P
ClientSampleId :
SP-142-150



Tgt Ion:128 Resp: 24923
Ion Ratio Lower Upper
128 100
129 10.1 8.8 13.2
127 12.0 10.6 15.8

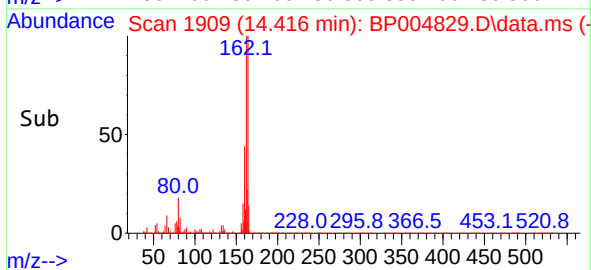
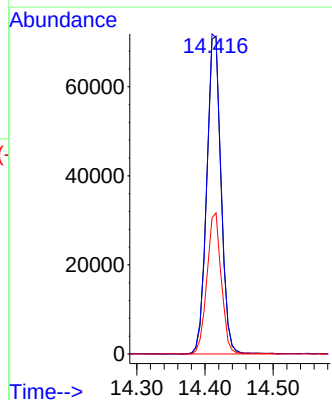
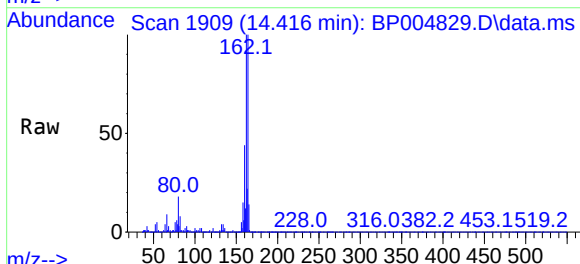
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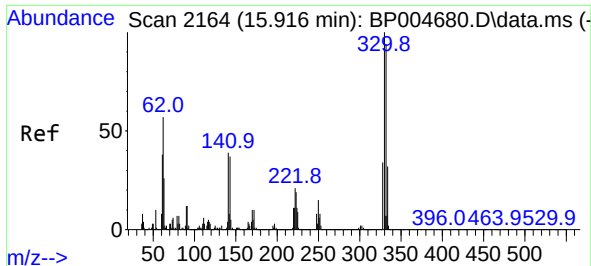
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.416 min Scan# 1909
Delta R.T. 0.006 min
Lab File: BP004829.D
Acq: 19 Feb 2021 19:14

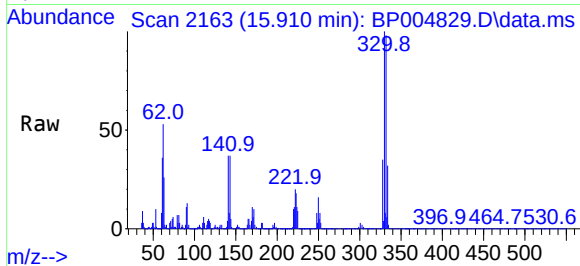
Tgt Ion:164 Resp: 103878
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.2
160 44.4 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 107.23 ng
RT: 15.910 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP004829.D
Acq: 19 Feb 2021 19:14

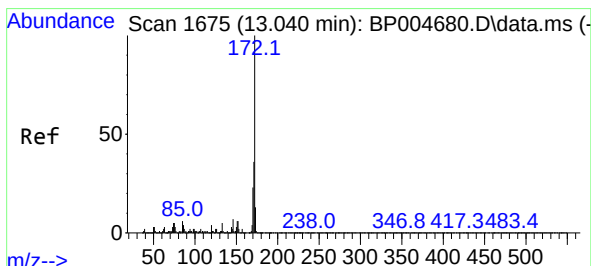
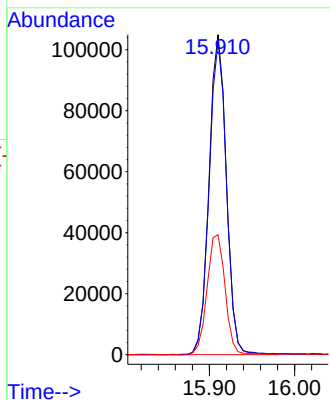
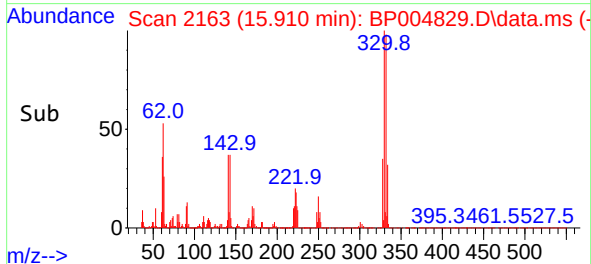
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ClientSampled :
SP-142-150



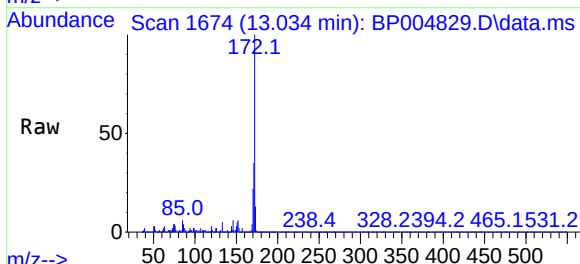
Tgt Ion:330 Resp: 147993
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 39.2 23.4 35.2#

Manual Integrations
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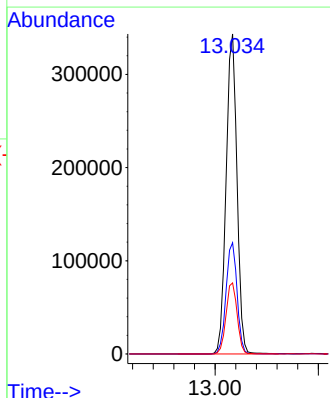
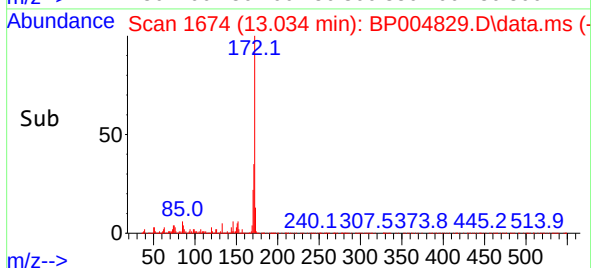
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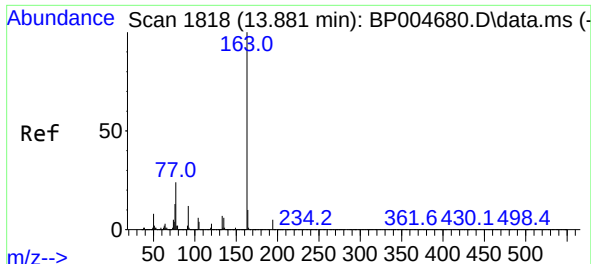


#45
2-Fluorobiphenyl
Concen: 58.90 ng
RT: 13.034 min Scan# 1674
Delta R.T. 0.006 min
Lab File: BP004829.D
Acq: 19 Feb 2021 19:14



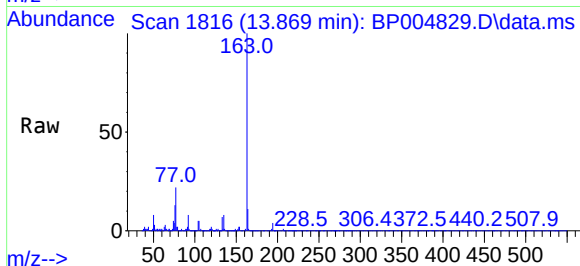
Tgt Ion:172 Resp: 500561
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 22.2 19.2 28.8





#50
Dimethylphthalate
Concen: 2.96 ng
RT: 13.869 min Scan# 1816
Delta R.T. -0.005 min
Lab File: BP004829.D
Acq: 19 Feb 2021 19:14

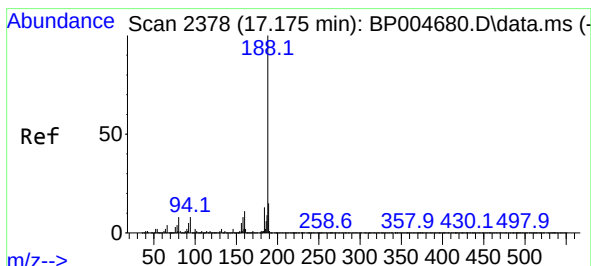
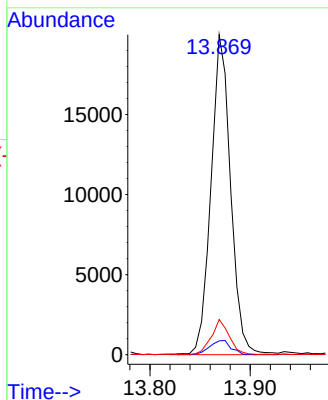
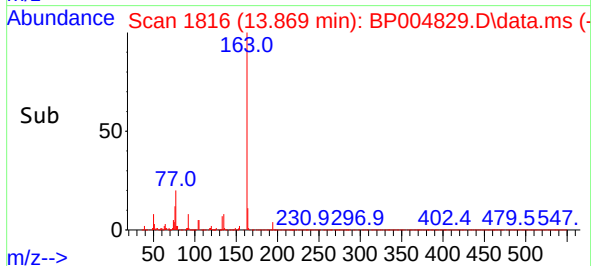
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SP-142-150



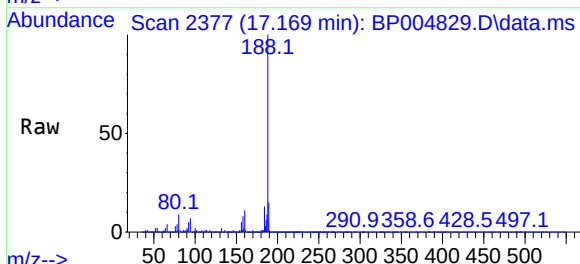
Tgt Ion:163 Resp: 27076
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 11.0 8.2 12.2

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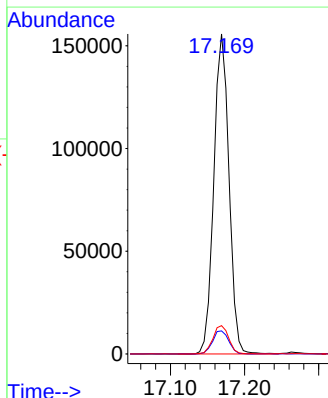
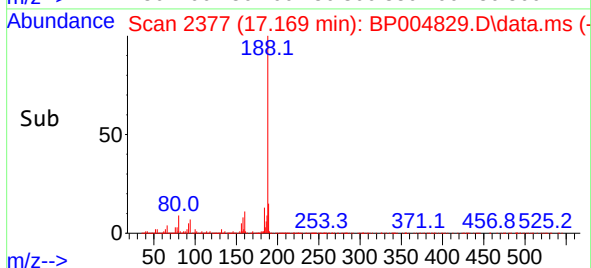
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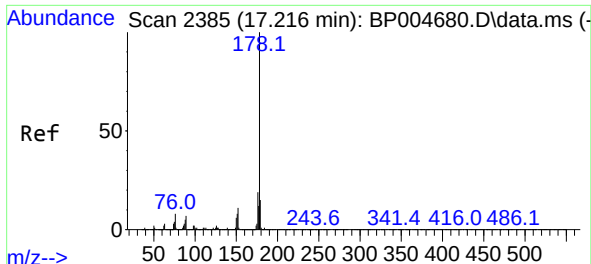


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.169 min Scan# 2377
Delta R.T. 0.006 min
Lab File: BP004829.D
Acq: 19 Feb 2021 19:14



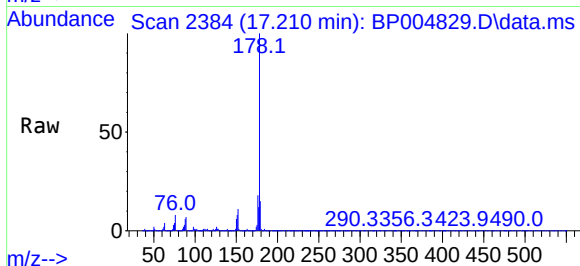
Tgt Ion:188 Resp: 221050
Ion Ratio Lower Upper
188 100
94 7.2 6.2 9.2
80 8.9 6.2 9.2





#71
Phenanthrene
Concen: 19.26 ng
RT: 17.210 min Scan# 2384
Delta R.T. 0.000 min
Lab File: BP004829.D
Acq: 19 Feb 2021 19:14

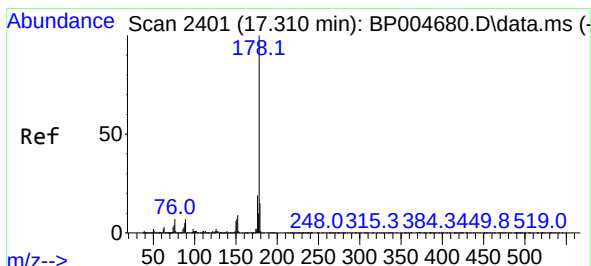
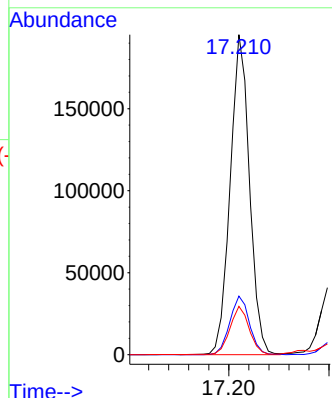
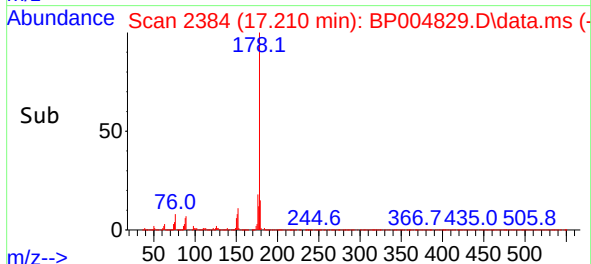
Instrument :
BNA_P
ClientSampled :
SP-142-150



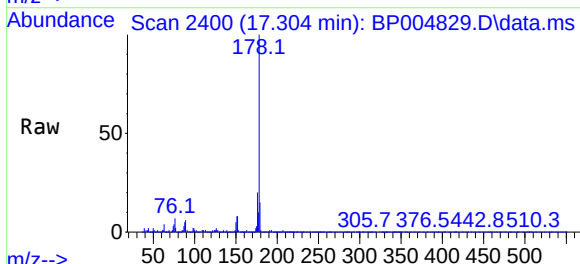
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Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 15.1 12.5 18.7

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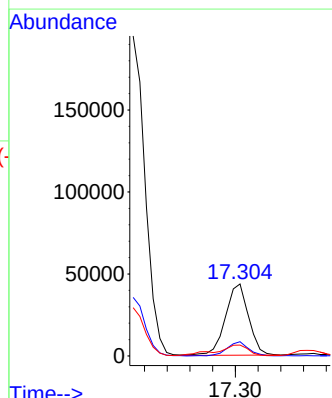
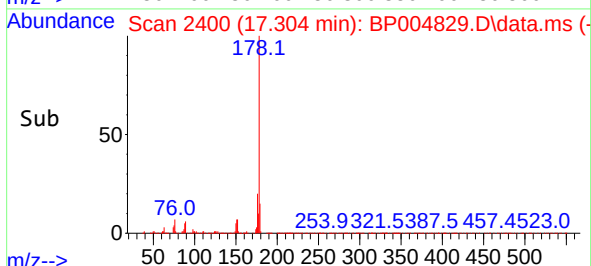
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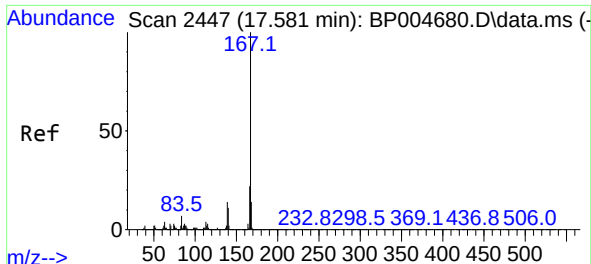


#72
Anthracene
Concen: 4.72 ng
RT: 17.304 min Scan# 2400
Delta R.T. 0.006 min
Lab File: BP004829.D
Acq: 19 Feb 2021 19:14



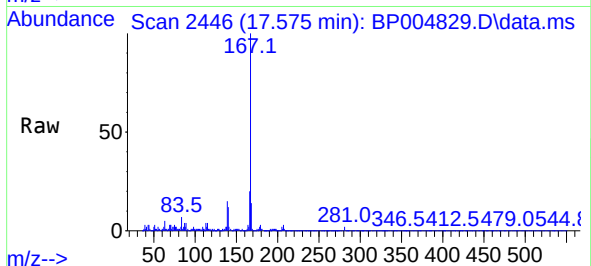
Tgt Ion:178 Resp: 61403
Ion Ratio Lower Upper
178 100
176 19.7 15.0 22.4
179 15.1 12.5 18.7





#73
 Carbazole
 Concen: 2.60 ng
 RT: 17.575 min Scan# 2446
 Delta R.T. 0.000 min
 Lab File: BP004829.D
 Acq: 19 Feb 2021 19:14

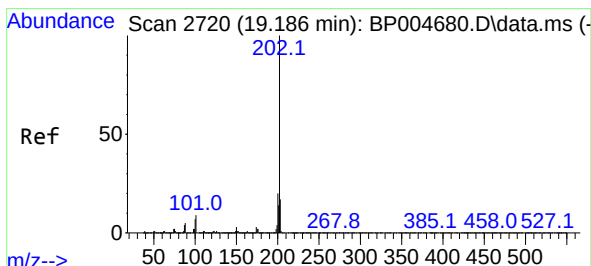
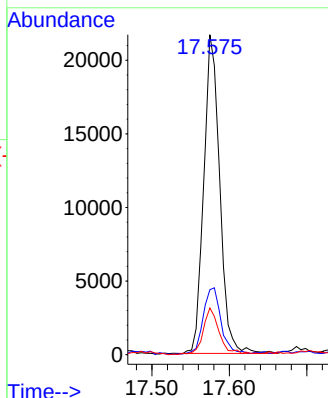
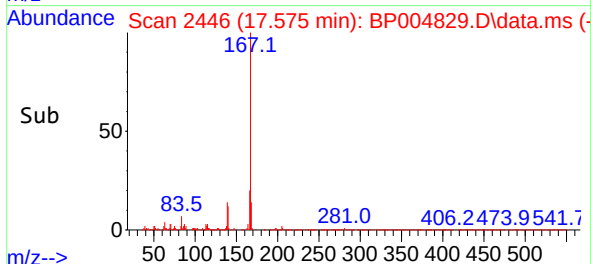
Instrument :
 BNA_P
 ClientSampleID :
 SP-142-150



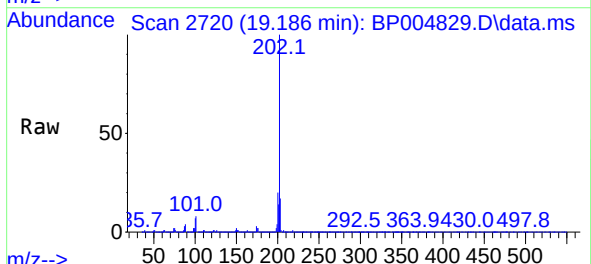
Tgt Ion:167 Resp: 31085
 Ion Ratio Lower Upper
 167 100
 166 20.3 17.6 26.4
 139 14.6 10.2 15.4

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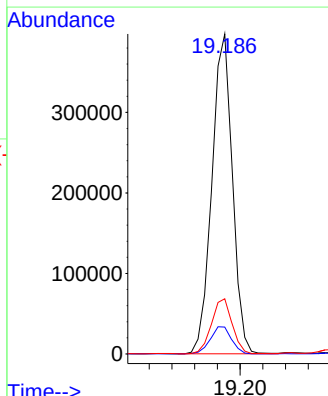
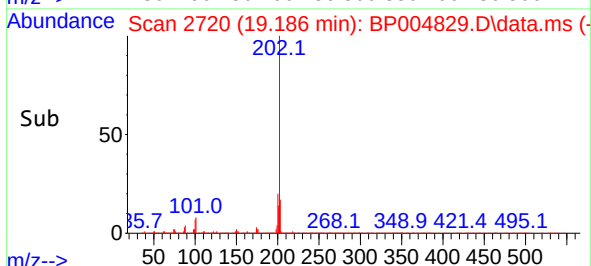
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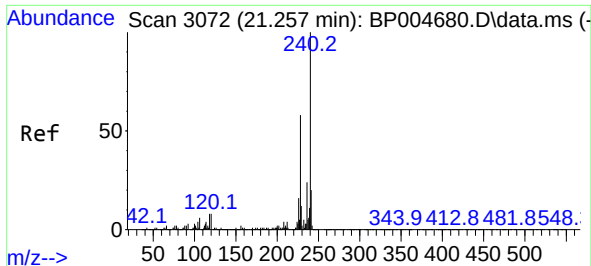


#75
 Fluoranthene
 Concen: 30.93 ng
 RT: 19.186 min Scan# 2720
 Delta R.T. 0.006 min
 Lab File: BP004829.D
 Acq: 19 Feb 2021 19:14

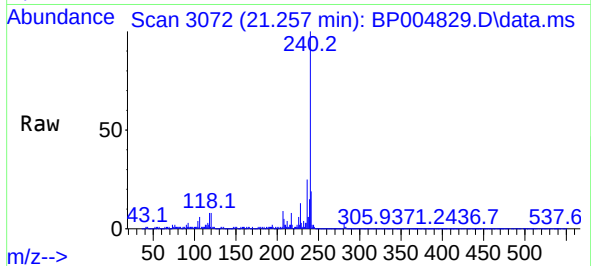


Tgt Ion:202 Resp: 498803
 Ion Ratio Lower Upper
 202 100
 101 8.4 0.0 29.4
 203 17.3 0.0 37.8

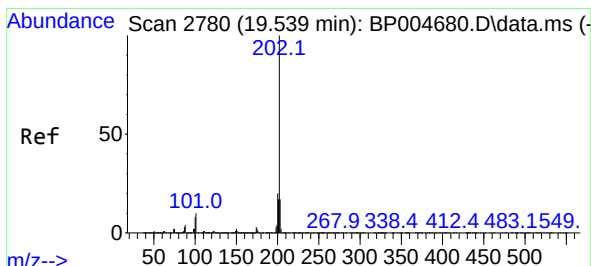
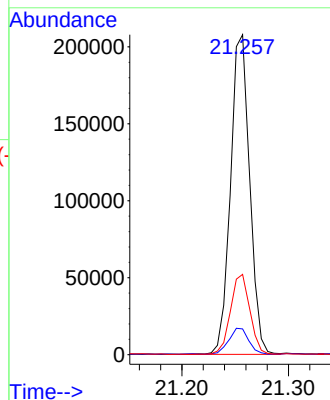
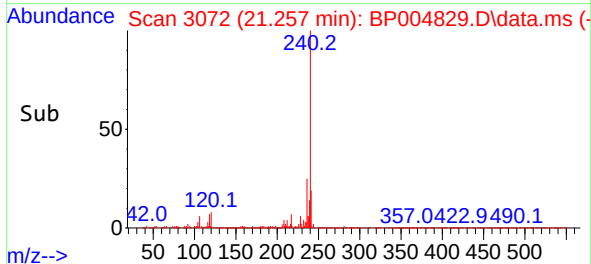




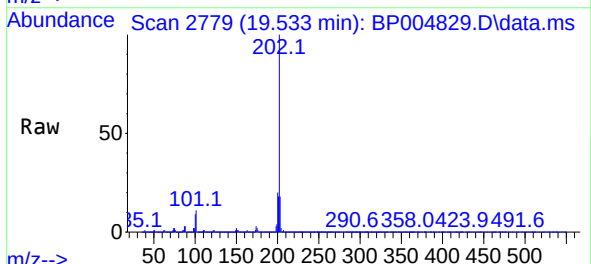
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.257 min Scan# 3072
Delta R.T. 0.006 min
Lab File: BP004829.D
Acq: 19 Feb 2021 19:14



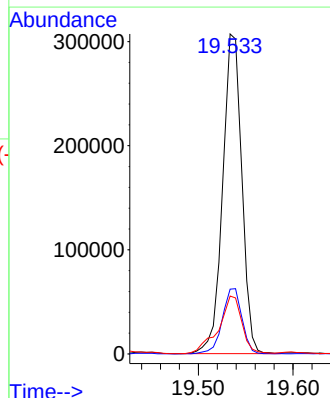
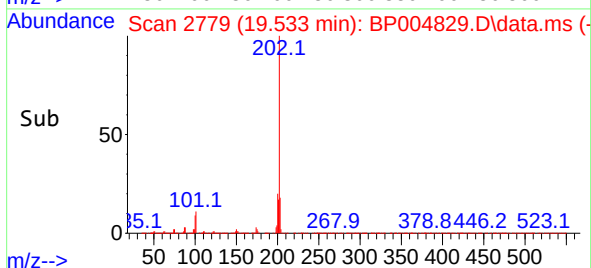
Tgt Ion:240 Resp: 259778
Ion Ratio Lower Upper
240 100
120 8.1 7.8 11.6
236 25.1 20.8 31.2



#78
Pyrene
Concen: 23.62 ng
RT: 19.533 min Scan# 2779
Delta R.T. 0.000 min
Lab File: BP004829.D
Acq: 19 Feb 2021 19:14



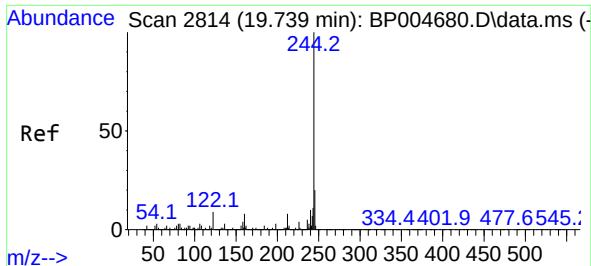
Tgt Ion:202 Resp: 432688
Ion Ratio Lower Upper
202 100
200 20.3 17.1 25.7
203 18.1 14.2 21.2



Instrument :
BNA_P
ClientSampleId :
SP-142-150

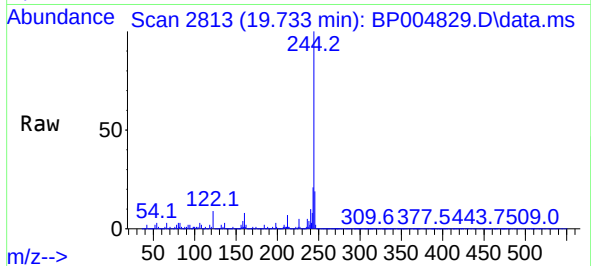
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#79
 Terphenyl-d14
 Concen: 45.06 ng
 RT: 19.733 min Scan# 2813
 Delta R.T. 0.000 min
 Lab File: BP004829.D
 Acq: 19 Feb 2021 19:14

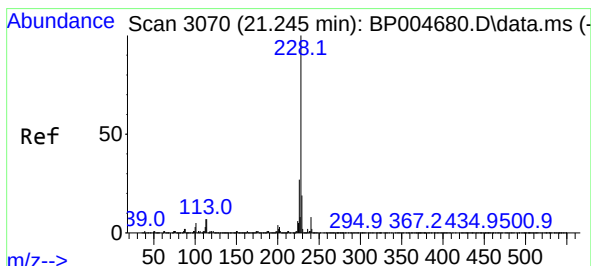
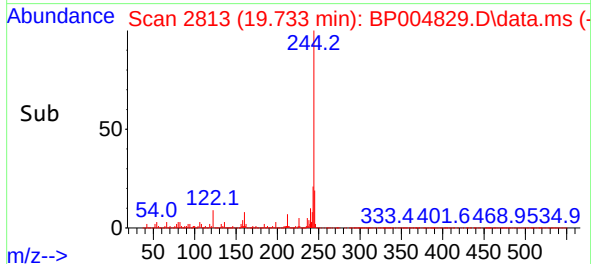
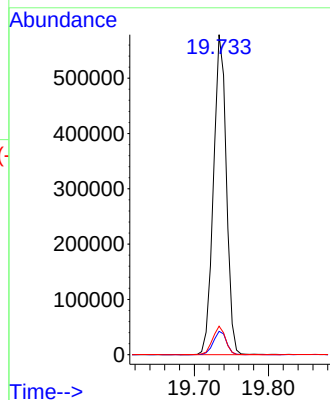
Instrument :
 BNA_P
 ClientSampleId :
 SP-142-150



Tgt Ion:244 Resp: 696813
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 8.9 7.8 11.8

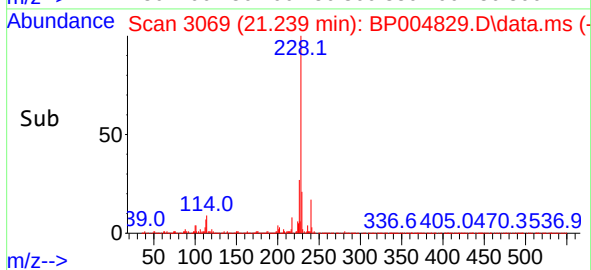
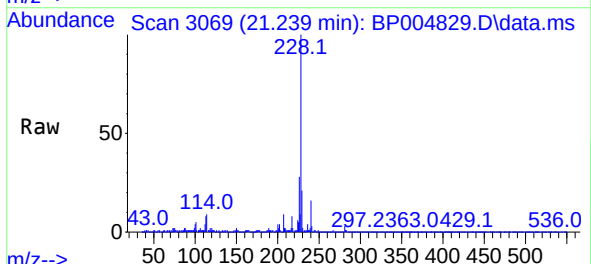
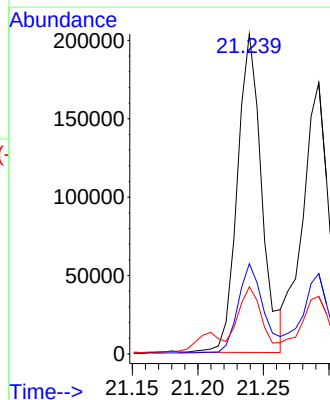
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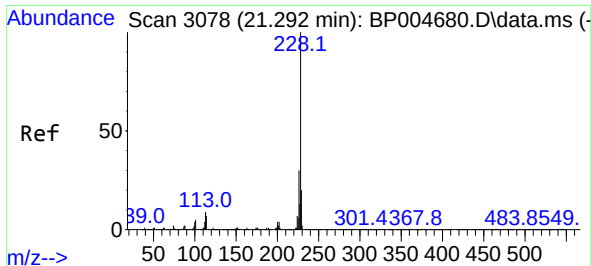
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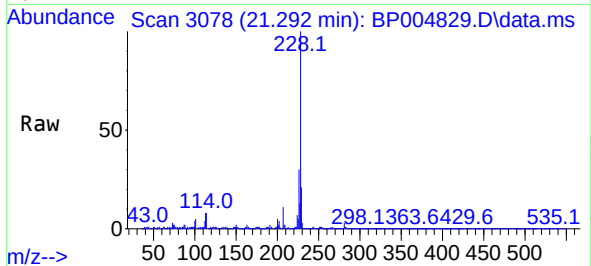
#81
 Benzo(a)anthracene
 Concen: 14.22 ng
 RT: 21.239 min Scan# 3069
 Delta R.T. 0.000 min
 Lab File: BP004829.D
 Acq: 19 Feb 2021 19:14

Tgt Ion:228 Resp: 261937
 Ion Ratio Lower Upper
 228 100
 226 28.2 22.1 33.1
 229 21.0 15.9 23.9





#83
Chrysene
Concen: 13.13 ng
RT: 21.292 min Scan# 3078
Delta R.T. 0.006 min
Lab File: BP004829.D
Acq: 19 Feb 2021 19:14

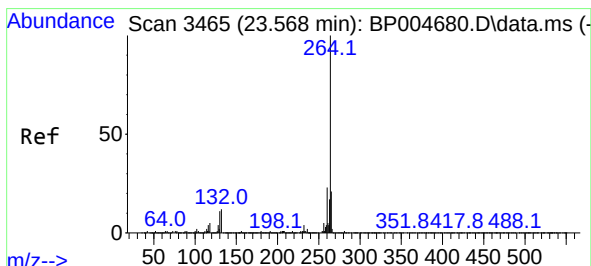
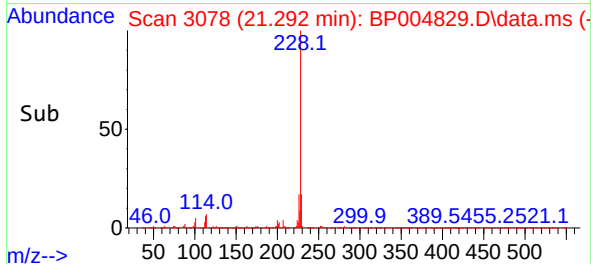
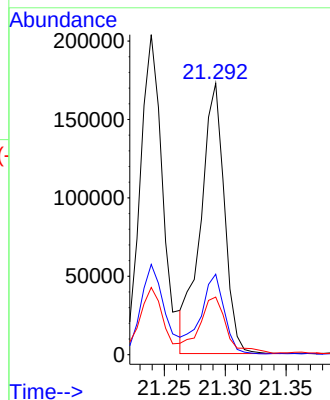


Tgt Ion:	228	Resp:	234244
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.4	36.6
229	21.2	15.8	23.6

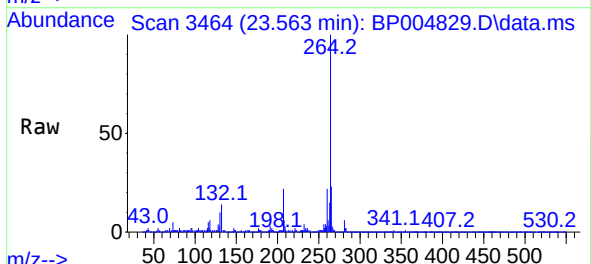
Instrument :
BNA_P
ClientSampleId :
SP-142-150

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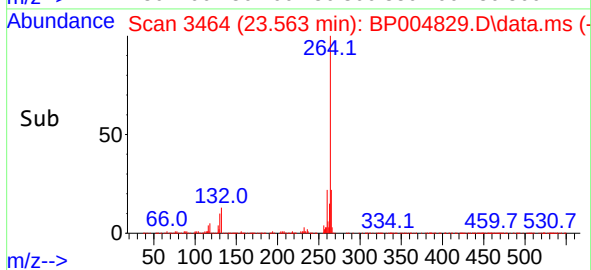
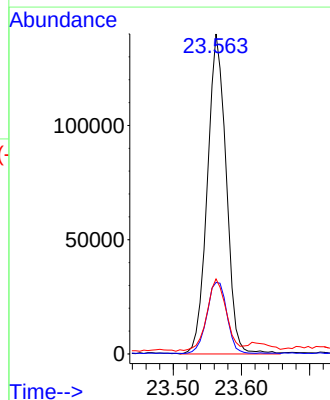
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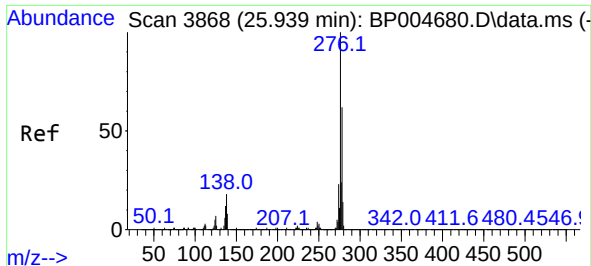


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.563 min Scan# 3464
Delta R.T. 0.006 min
Lab File: BP004829.D
Acq: 19 Feb 2021 19:14



Tgt Ion:	264	Resp:	269879
Ion Ratio	Lower	Upper	
264	100		
260	22.3	18.8	28.2
265	23.5	17.4	26.2





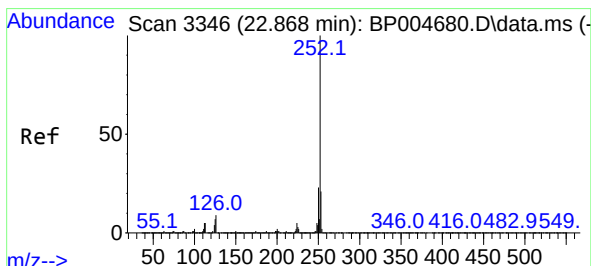
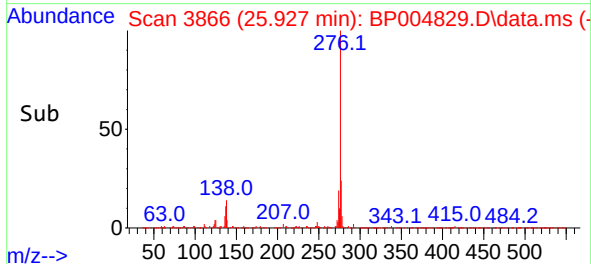
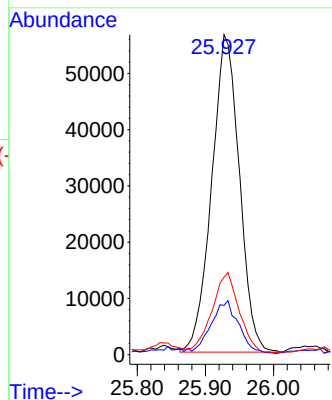
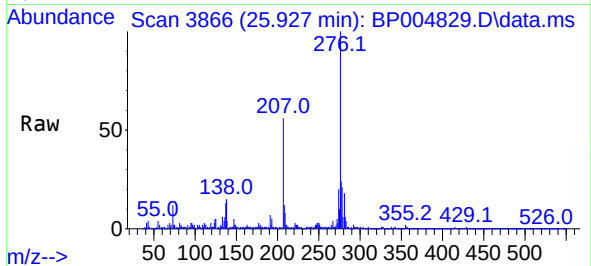
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.39 ng
RT: 25.927 min Scan# 3866
Delta R.T. 0.000 min
Lab File: BP004829.D
Acq: 19 Feb 2021 19:14

Tgt Ion: 276 Resp: 159309
Ion Ratio Lower Upper
276 100
138 16.5 18.7 28.1#
277 24.8 20.4 30.6

Instrument :
BNA_P
ClientSampleId :
SP-142-150

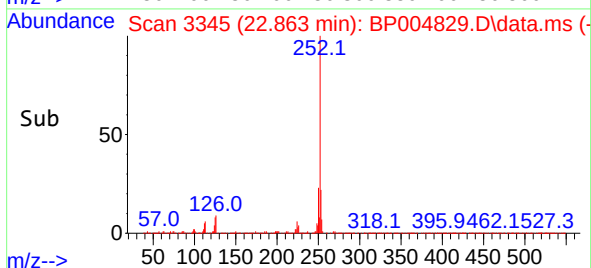
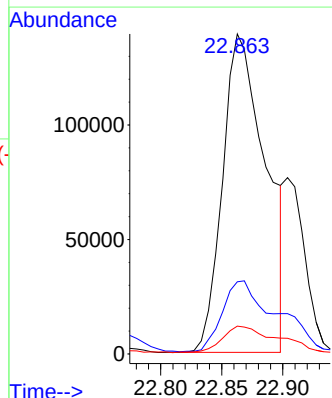
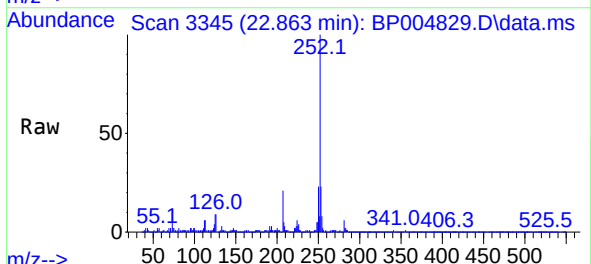
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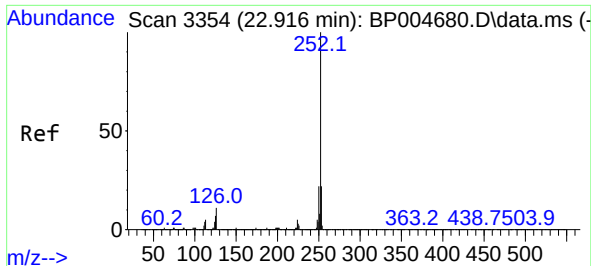
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#88
Benzo(b)fluoranthene
Concen: 17.33 ng m
RT: 22.863 min Scan# 3345
Delta R.T. 0.006 min
Lab File: BP004829.D
Acq: 19 Feb 2021 19:14

Tgt Ion: 252 Resp: 342463
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 8.7 7.3 10.9





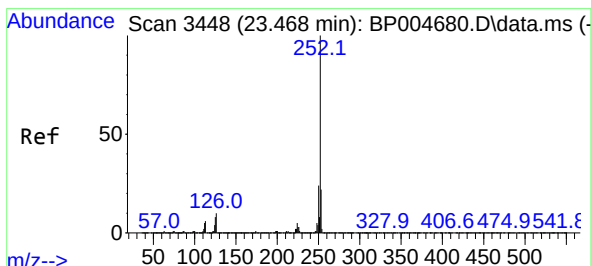
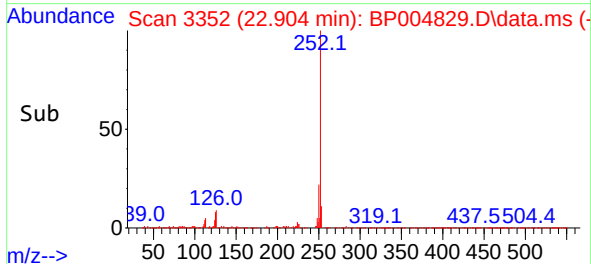
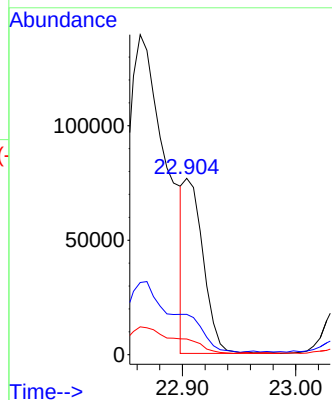
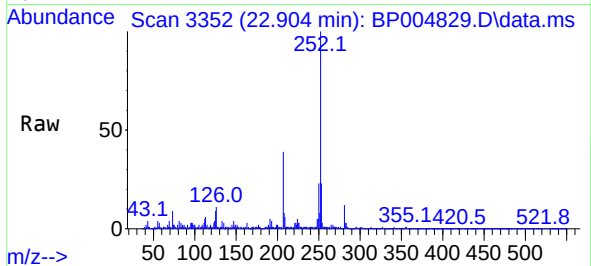
#89
Benzo(k)fluoranthene
Concen: 4.72 ng m
RT: 22.904 min Scan# 3352
Delta R.T. 0.000 min
Lab File: BP004829.D
Acq: 19 Feb 2021 19:14

Tgt Ion:	252	Resp:	89616
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.8
125	8.9	7.4	11.2

Instrument :
BNA_P
ClientSampleId :
SP-142-150

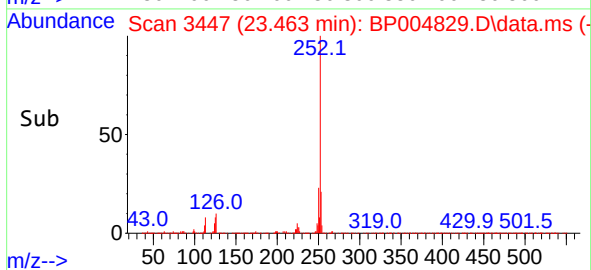
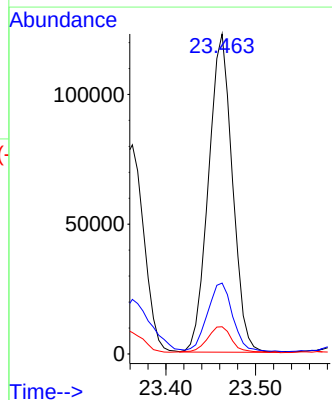
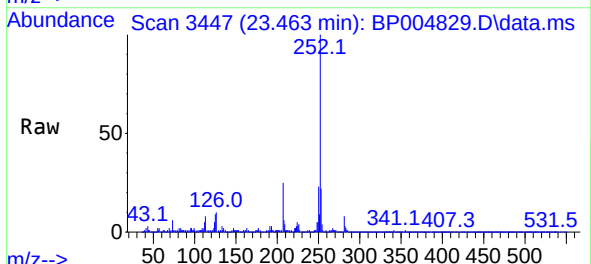
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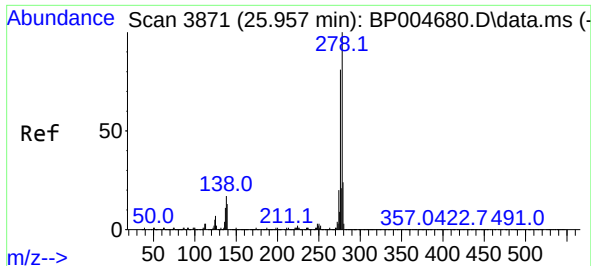
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#90
Benzo(a)pyrene
Concen: 12.68 ng
RT: 23.463 min Scan# 3447
Delta R.T. 0.006 min
Lab File: BP004829.D
Acq: 19 Feb 2021 19:14

Tgt Ion:	252	Resp:	226585
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.0
125	8.5	8.2	12.4





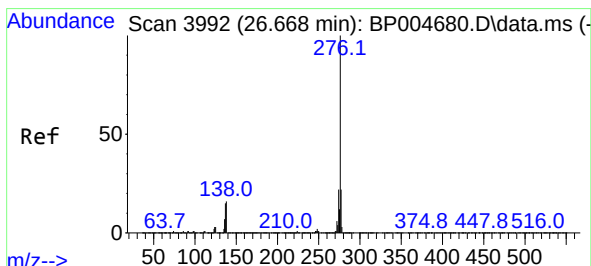
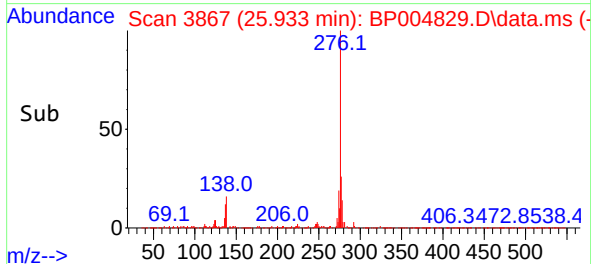
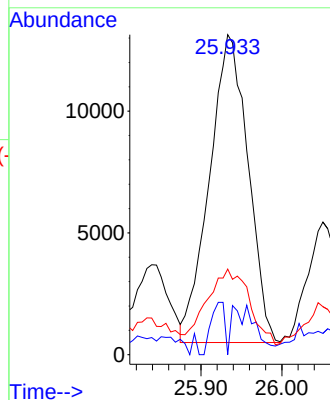
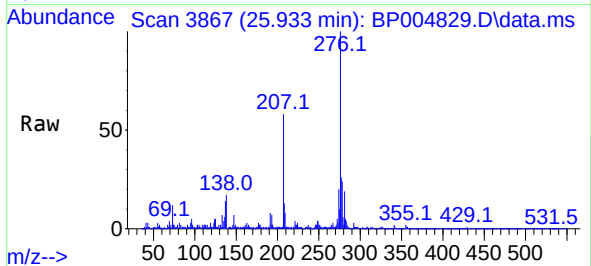
#91
Dibenzo(a,h)anthracene
Concen: 2.33 ng m
RT: 25.933 min Scan# 3867
Delta R.T. -0.006 min
Lab File: BP004829.D
Acq: 19 Feb 2021 19:14

Tgt Ion: 278 Resp: 41916
Ion Ratio Lower Upper
278 100
139 0.0 12.4 18.6#
279 26.7 19.0 28.6

Instrument :
BNA_P
ClientSampleId :
SP-142-150

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#92
Benzo(g,h,i)perylene
Concen: 8.94 ng
RT: 26.657 min Scan# 3990
Delta R.T. 0.006 min
Lab File: BP004829.D
Acq: 19 Feb 2021 19:14

Tgt Ion: 276 Resp: 154160
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.6
138 15.8 16.6 24.8#

