

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
 Data File : BP005666.D
 Acq On : 02 Jun 2021 15:32
 Operator : CG/JU
 Sample : M2580-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B3(4-6)

Manual Integrations
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Quant Time: Jun 02 16:06:10 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 16:11:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	283870	20.00	ng	0.00
21) Naphthalene-d8	10.793	136	912928	20.00	ng	# 0.00
39) Acenaphthene-d10	14.610	164	511932	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	999443	20.00	ng	# 0.00
76) Chrysene-d12	21.422	240	1077142	20.00	ng	# 0.00
86) Perylene-d12	23.869	264	1273868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.552	112	8511	0.47	ng	0.00
7) Phenol-d6	7.146	99	109356	4.39	ng	0.00
23) Nitrobenzene-d5	9.146	82	860855	52.44	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	286	0.04	ng	-0.01
45) 2-Fluorobiphenyl	13.240	172	1686364	43.60	ng	0.00
79) Terphenyl-d14	19.892	244	2292887	39.94	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.846	128	339075	6.24	ng	99
37) 2-Methylnaphthalene	12.446	142	278227	7.22	ng	# 88
38) 1-Methylnaphthalene	12.663	142	175772	4.81	ng	# 96
50) Dimethylphthalate	14.063	163	171204	4.20	ng	98
52) Acenaphthene	14.669	154	437212	12.77	ng	97
55) Dibenzofuran	15.004	168	242566	4.62	ng	# 96
58) Fluorene	15.651	166	360490	8.59	ng	99
60) Diethylphthalate	15.416	149	134067	3.28	ng	97
71) Phenanthrene	17.398	178	5591722	89.80	ng	98
72) Anthracene	17.487	178	1305298	21.23	ng	99
73) Carbazole	17.751	167	241471	3.99	ng	97
75) Fluoranthene	19.351	202	3866948	51.74	ng	95
78) Pyrene	19.704	202	4687627	61.68	ng	98
81) Benzo(a)anthracene	21.404	228	2150211	27.20	ng	97
83) Chrysene	21.457	228	1919549	25.08	ng	98
84) Bis(2-ethylhexyl)phtha...	21.328	149	113199	2.64	ng	98
87) Indeno(1,2,3-cd)pyrene	26.439	276	976355	9.01	ng	# 92
88) Benzo(b)fluoranthene	23.122	252	1985096m	21.48	ng	
89) Benzo(k)fluoranthene	23.163	252	710780m	8.12	ng	
90) Benzo(a)pyrene	23.763	252	1746946	20.78	ng	# 92
91) Dibenzo(a,h)anthracene	26.445	278	292095	3.11	ng	# 75
92) Benzo(g,h,i)perylene	27.233	276	983534	10.84	ng	# 91

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

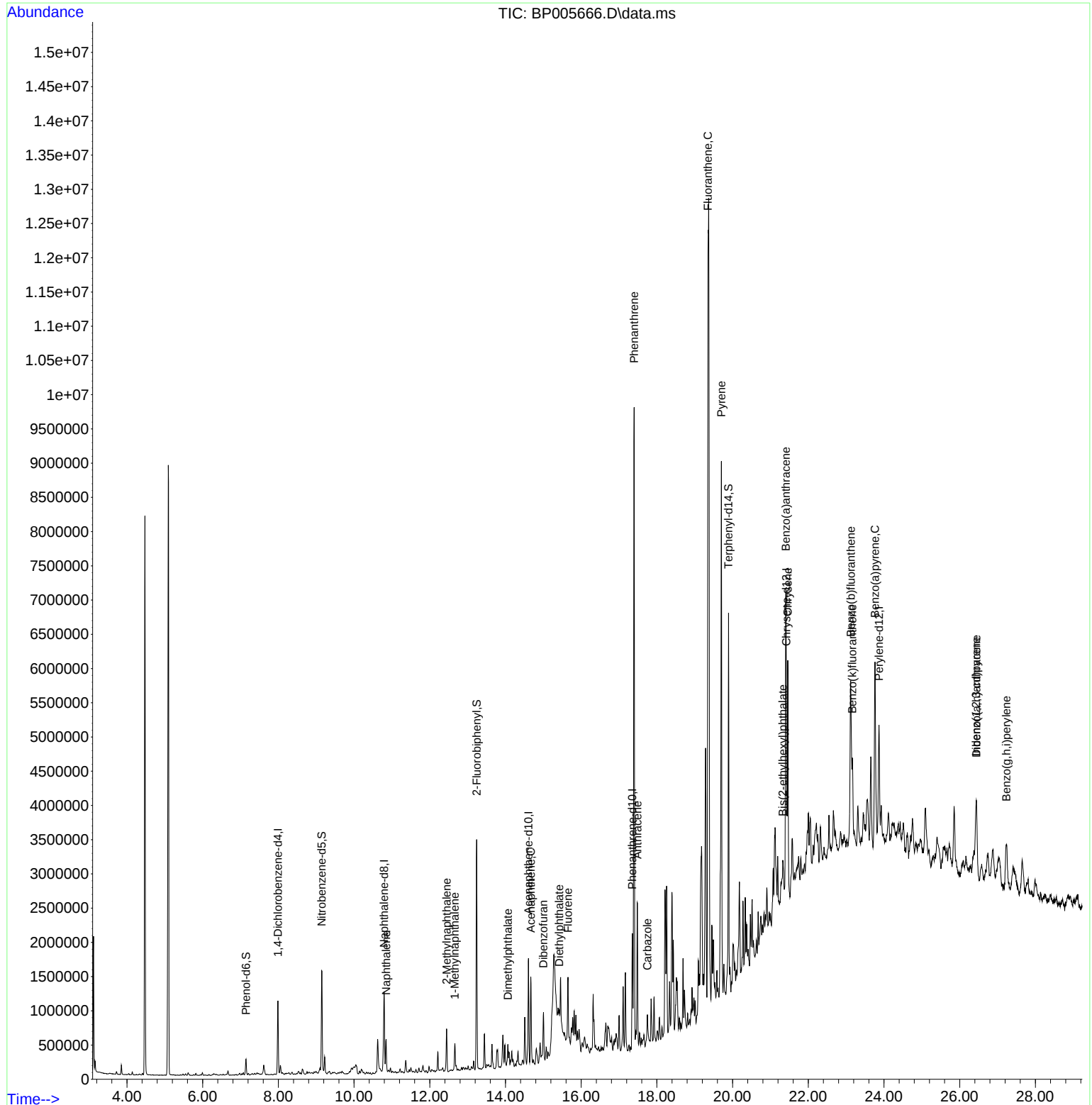
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005666.D
Acq On : 02 Jun 2021 15:32
Operator : CG/JU
Sample : M2580-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

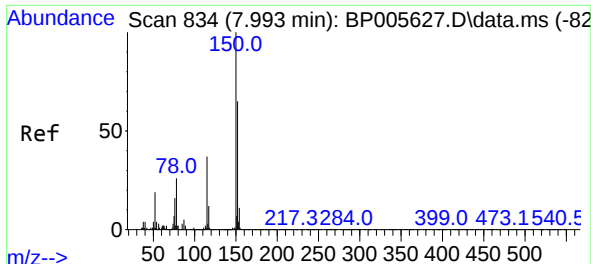
Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)

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Quant Time: Jun 02 16:06:10 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
Response via : Initial Calibration





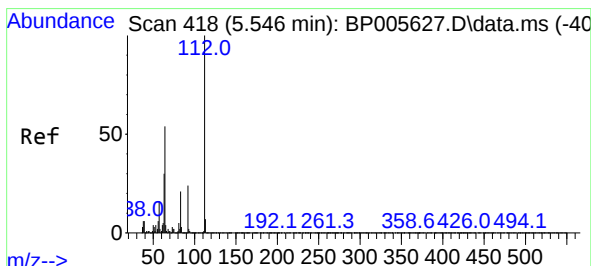
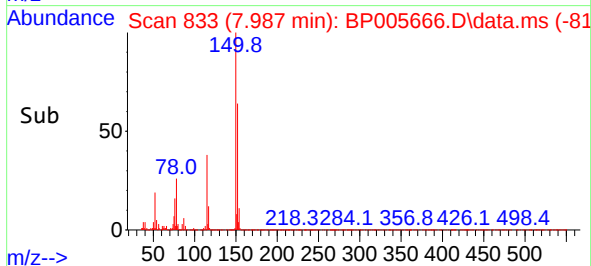
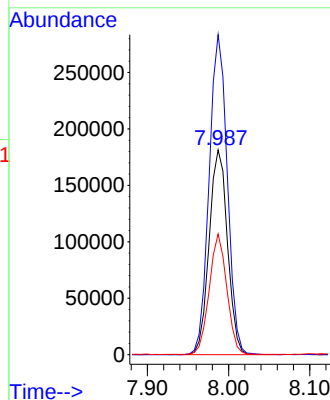
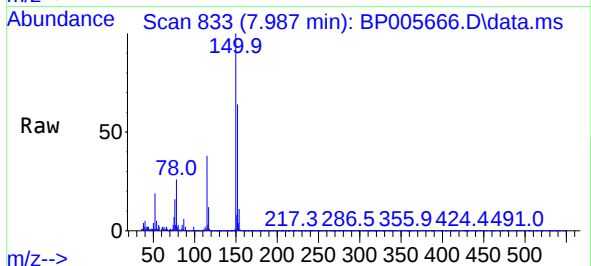
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32

Tgt Ion:152 Resp: 283870
Ion Ratio Lower Upper
152 100
150 156.2 119.8 179.8
115 59.0 49.0 73.4

Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)

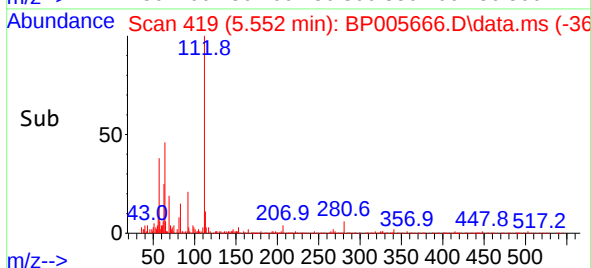
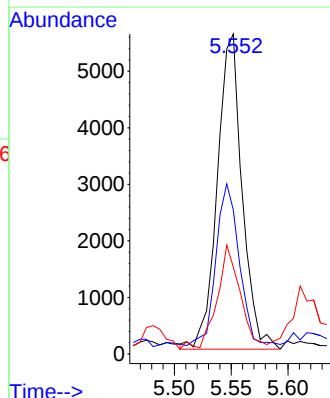
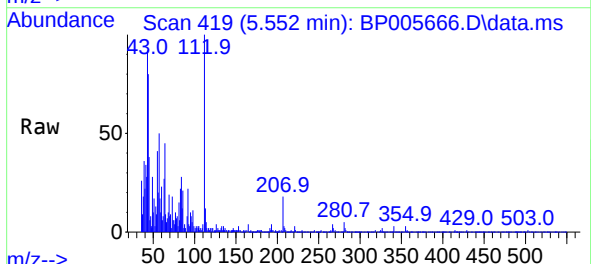
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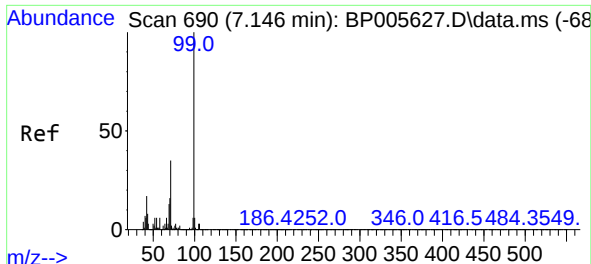
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#5
2-Fluorophenol
Concen: 0.47 ng
RT: 5.552 min Scan# 419
Delta R.T. 0.006 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32

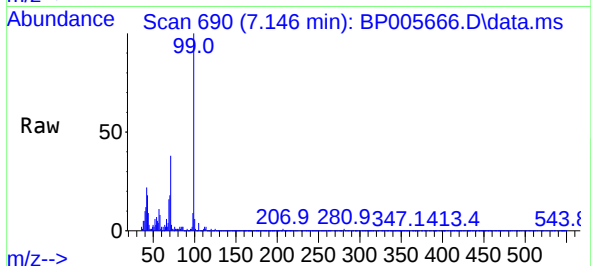
Tgt Ion:112 Resp: 8511
Ion Ratio Lower Upper
112 100
64 45.0 33.6 50.4
63 27.2 18.6 27.8





#7
Phenol-d6
Concen: 4.39 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32

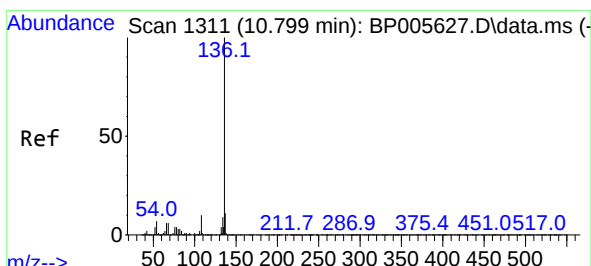
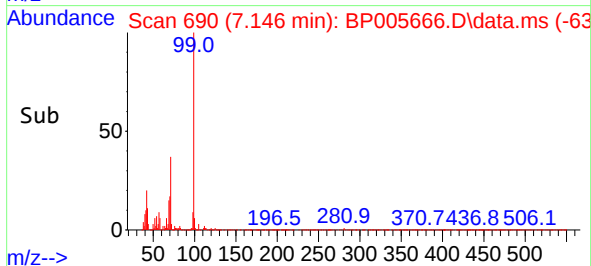
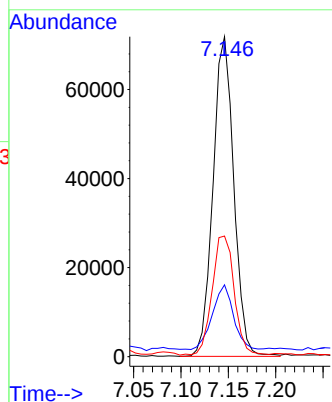
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ClientSampleId :
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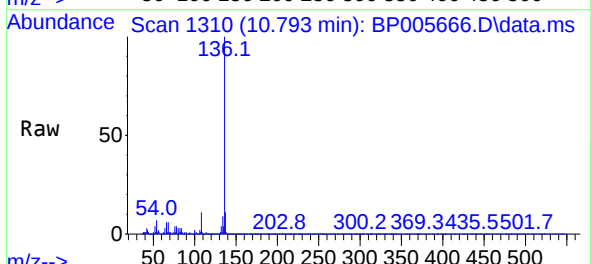
Tgt Ion: 99 Resp: 109356
Ion Ratio Lower Upper
99 100
42 22.5 12.9 19.3#
71 37.7 26.7 40.1

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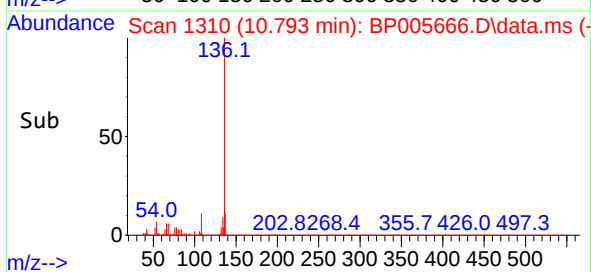
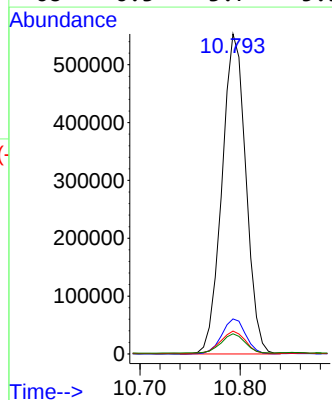
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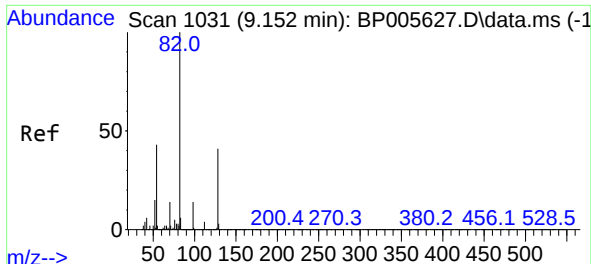


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32



Tgt Ion: 136 Resp: 912928
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.2 5.0 7.4
68 6.3 3.7 5.5#





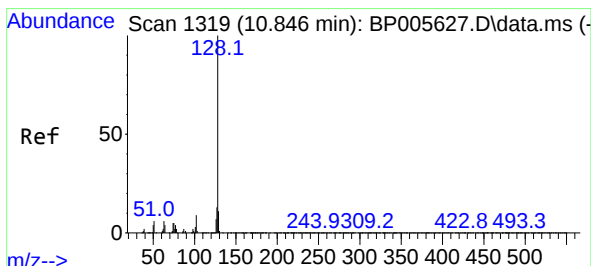
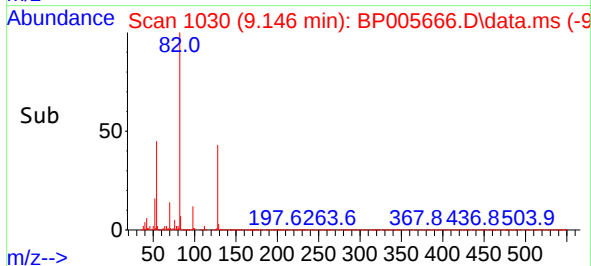
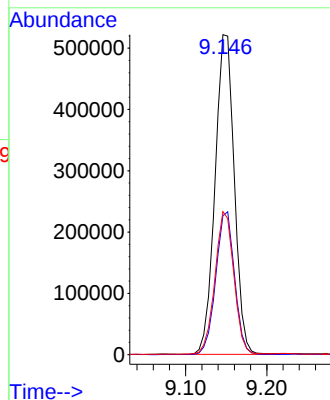
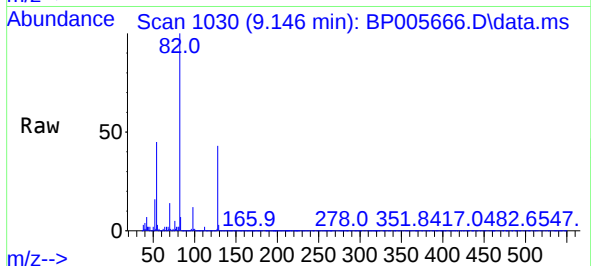
#23
Nitrobenzene-d5
Concen: 52.44 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32

Tgt Ion: 82 Resp: 860855
Ion Ratio Lower Upper
82 100
128 43.5 30.5 45.7
54 44.7 33.9 50.9

Instrument :
BNA_P
ClientSampleId :
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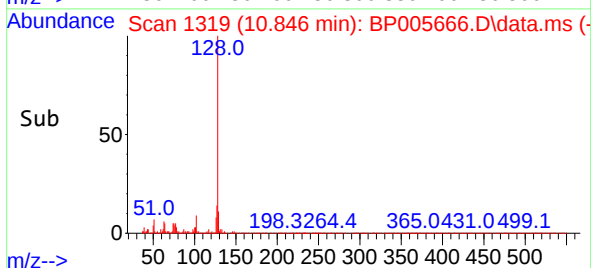
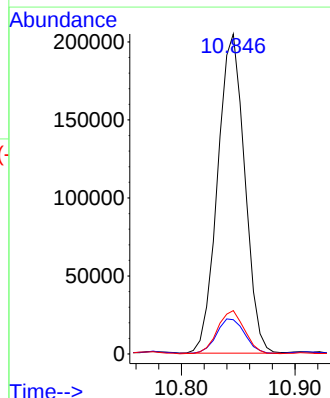
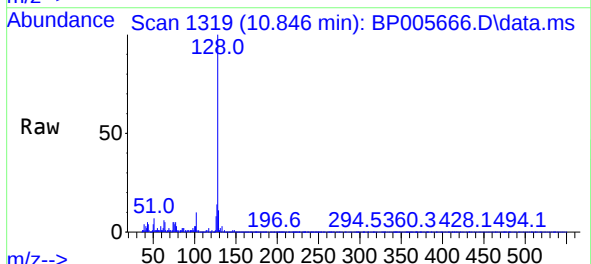
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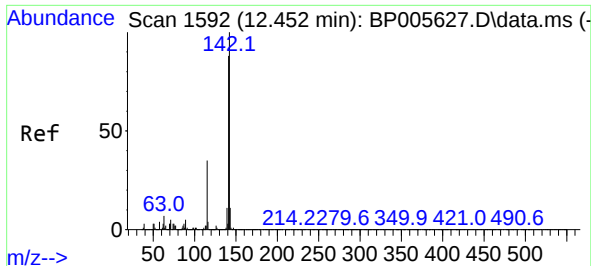
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#31
Naphthalene
Concen: 6.24 ng
RT: 10.846 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32

Tgt Ion: 128 Resp: 339075
Ion Ratio Lower Upper
128 100
129 10.7 8.0 12.0
127 13.5 11.1 16.7





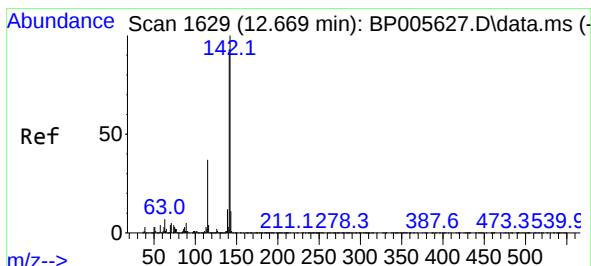
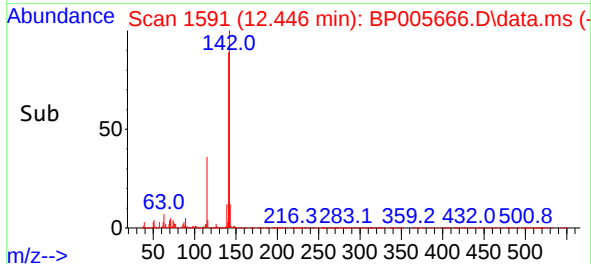
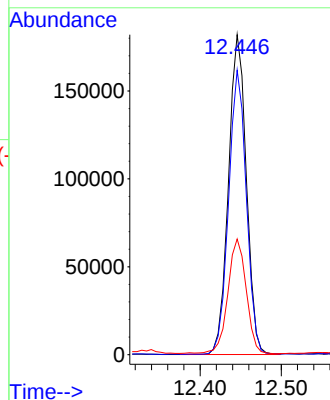
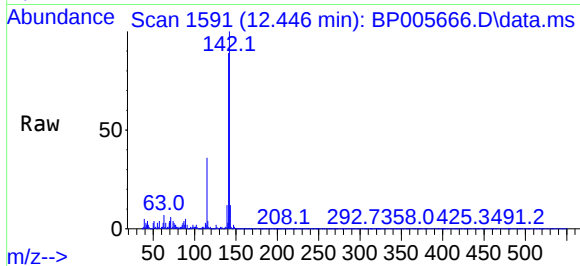
#37
2-Methylnaphthalene
Concen: 7.22 ng
RT: 12.446 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32

Tgt Ion:142 Resp: 278227
Ion Ratio Lower Upper
142 100
141 88.9 74.7 112.1
115 36.1 43.8 65.8#

Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)

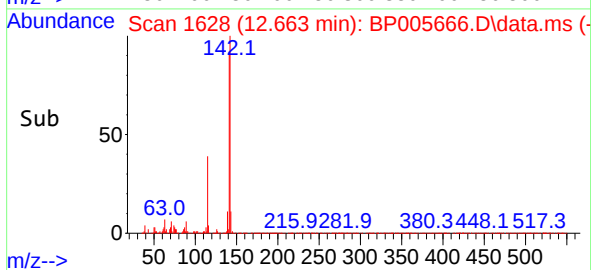
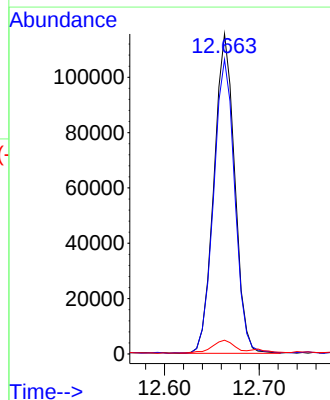
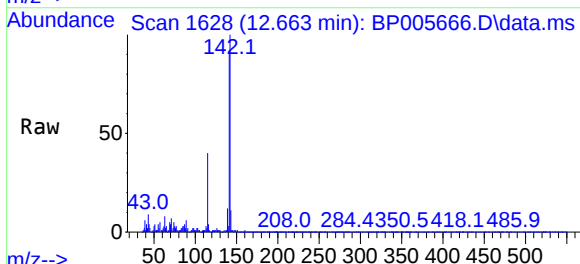
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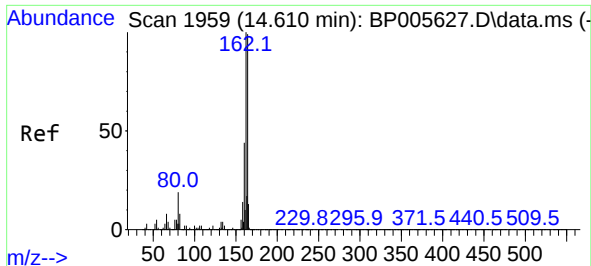
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#38
1-Methylnaphthalene
Concen: 4.81 ng
RT: 12.663 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32

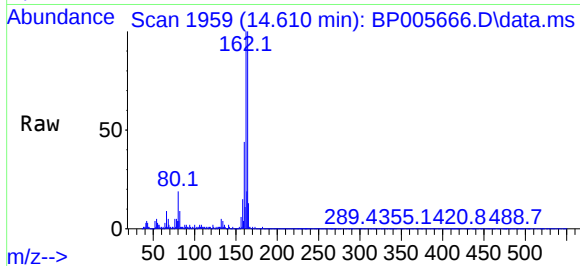
Tgt Ion:142 Resp: 175772
Ion Ratio Lower Upper
142 100
141 92.0 77.0 115.6
116 4.3 5.0 7.6#





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32

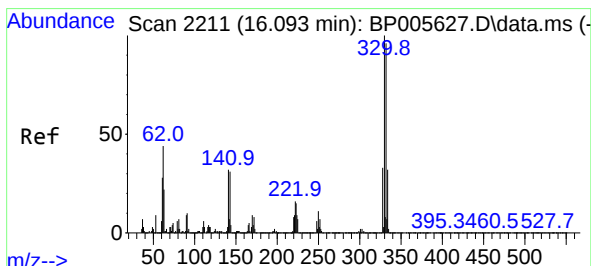
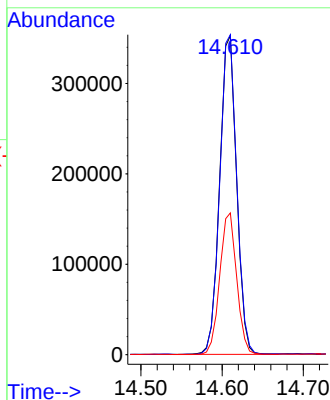
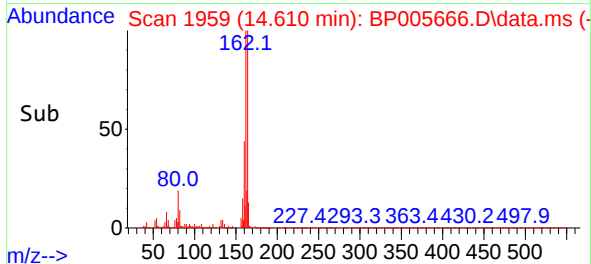
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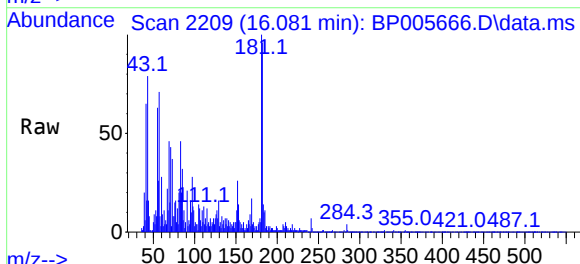
Tgt Ion:164 Resp: 511932
Ion Ratio Lower Upper
164 100
162 100.4 73.5 110.3
160 44.5 40.6 61.0

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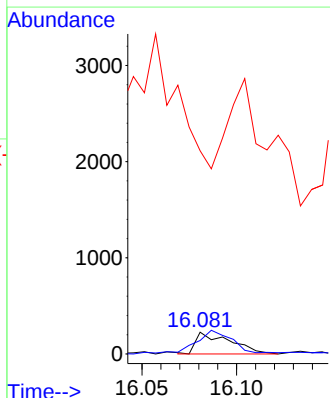
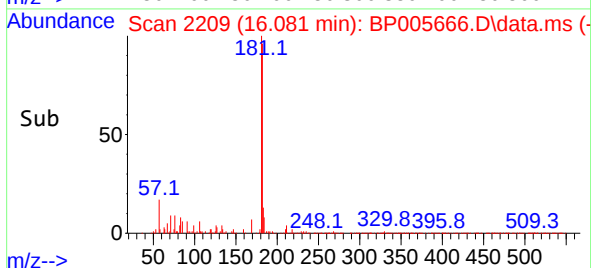
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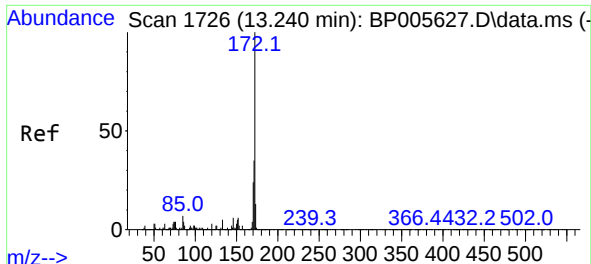


#42
2,4,6-Tribromophenol
Concen: 0.04 ng
RT: 16.081 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32



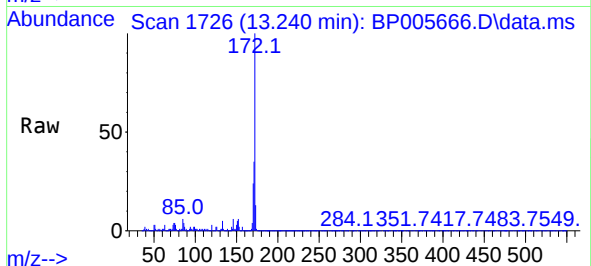
Tgt Ion:330 Resp: 286
Ion Ratio Lower Upper
330 100
332 123.1 76.3 114.5#
141 0.0 22.8 34.2#





#45
2-Fluorobiphenyl
Concen: 43.60 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32

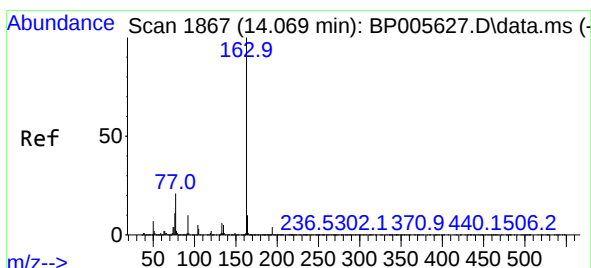
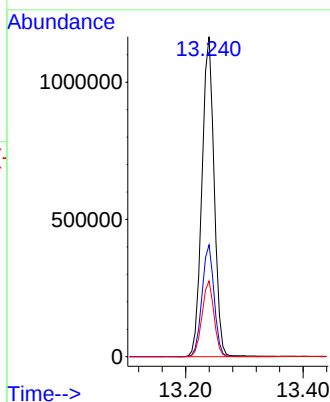
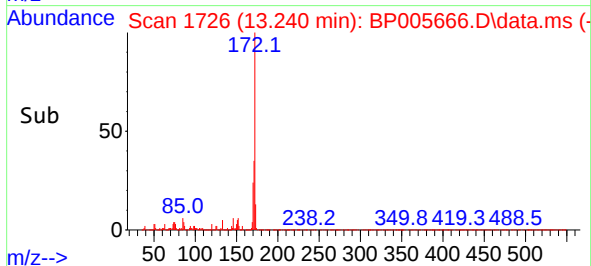
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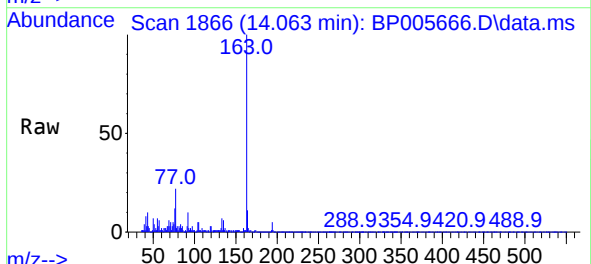
Tgt Ion:172 Resp: 1686364
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.6 19.6 29.4

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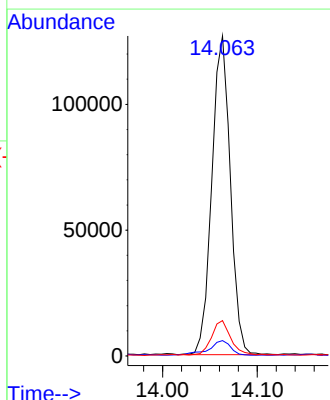
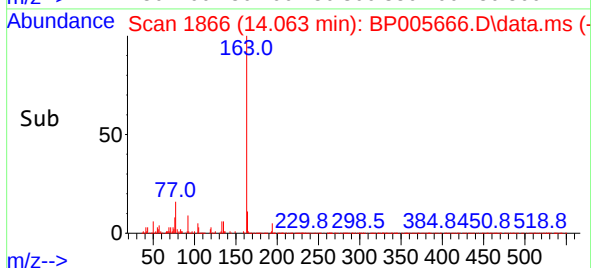
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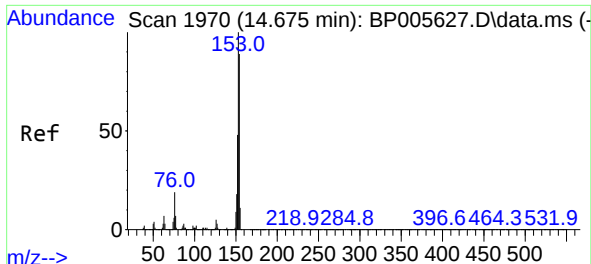


#50
Dimethylphthalate
Concen: 4.20 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32



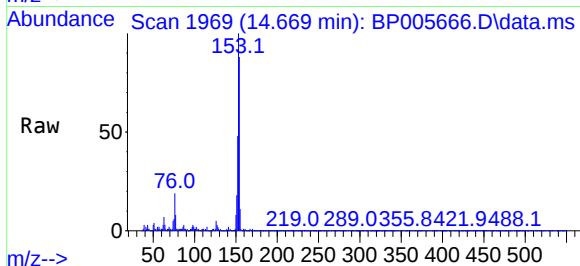
Tgt Ion:163 Resp: 171204
Ion Ratio Lower Upper
163 100
194 4.8 3.9 5.9
164 11.0 8.1 12.1





#52
Acenaphthene
Concen: 12.77 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32

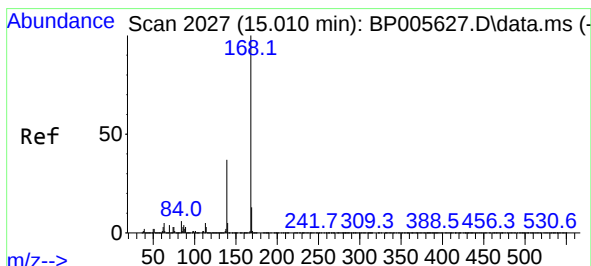
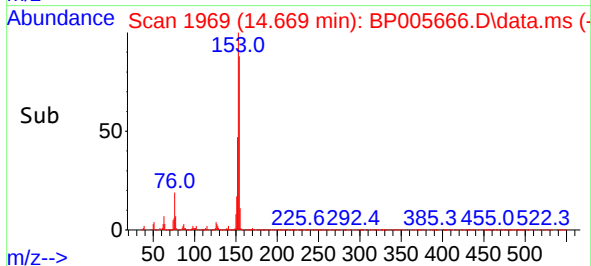
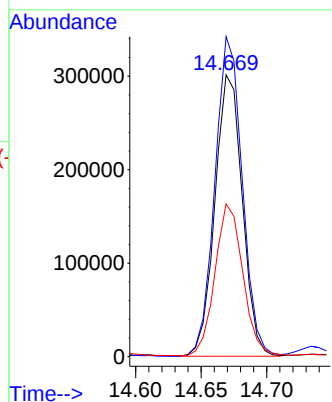
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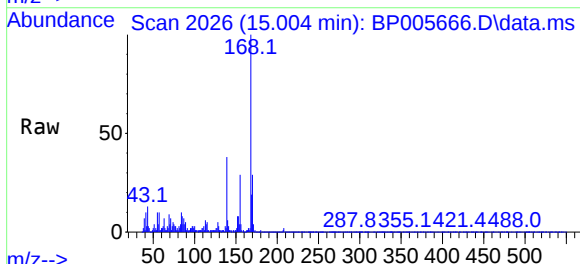
Tgt Ion:154 Resp: 437212
Ion Ratio Lower Upper
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153 113.5 90.9 136.3
152 54.2 48.5 72.7

Manual Integrations
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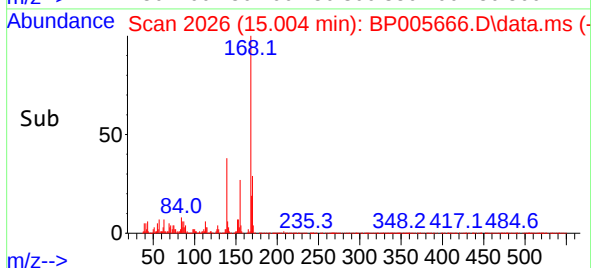
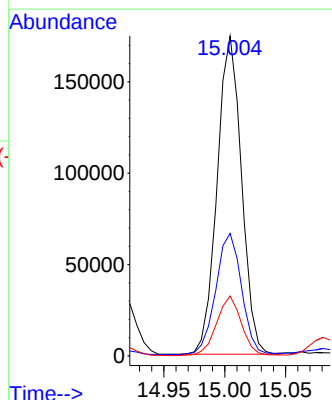
mohammad
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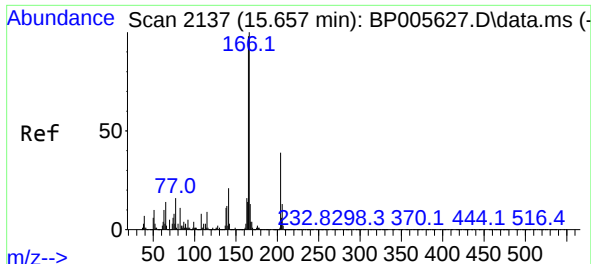


#55
Dibenzofuran
Concen: 4.62 ng
RT: 15.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32



Tgt Ion:168 Resp: 242566
Ion Ratio Lower Upper
168 100
139 38.3 31.4 47.0
169 18.7 11.4 17.0#





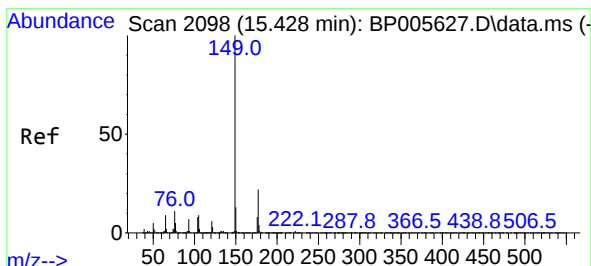
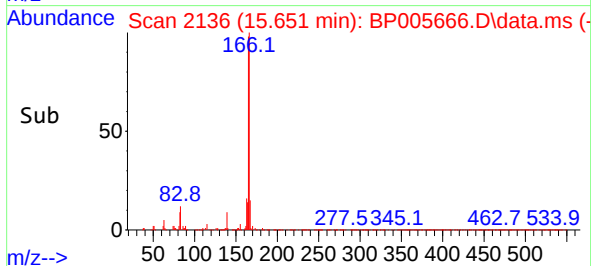
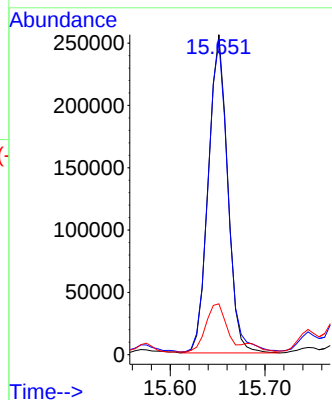
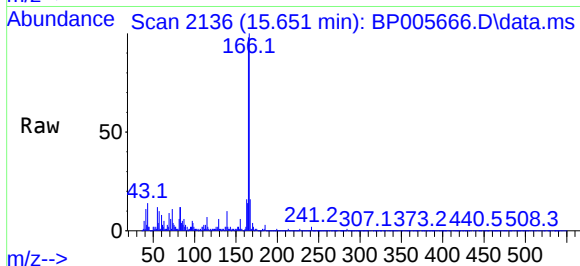
#58
Fluorene
Concen: 8.59 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32

Tgt Ion:166 Resp: 360490
Ion Ratio Lower Upper
166 100
165 97.9 78.8 118.2
167 15.9 10.9 16.3

Instrument :
BNA_P
ClientSampleId :
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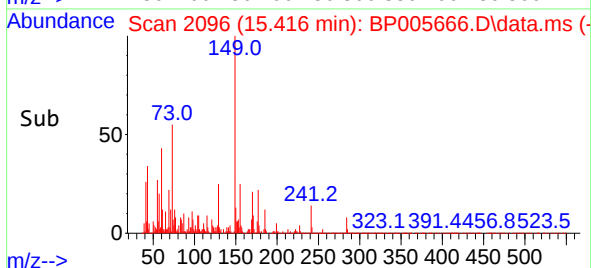
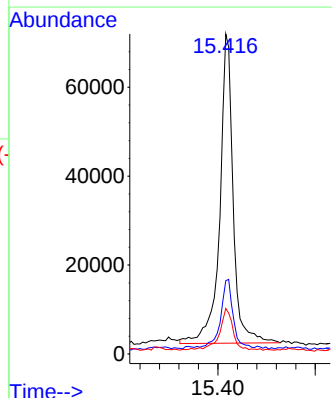
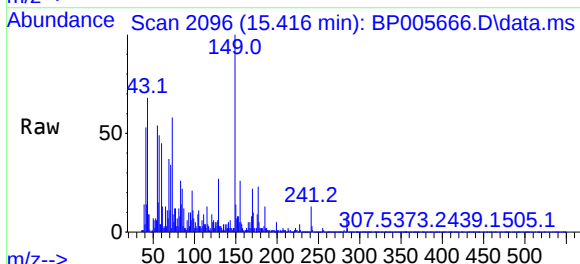
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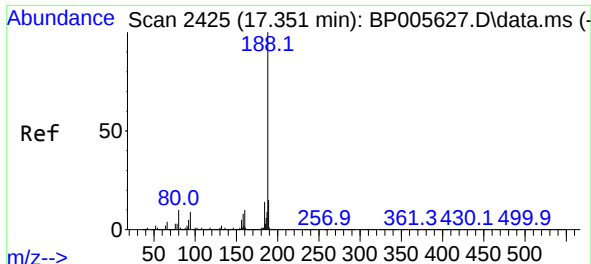
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#60
Diethylphthalate
Concen: 3.28 ng
RT: 15.416 min Scan# 2096
Delta R.T. -0.012 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32

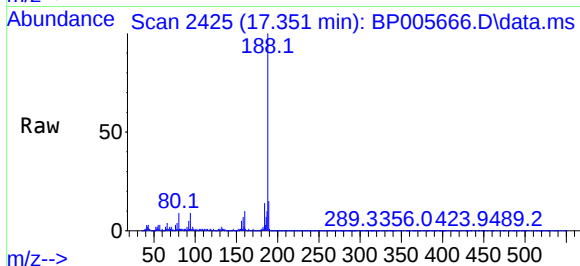
Tgt Ion:149 Resp: 134067
Ion Ratio Lower Upper
149 100
177 22.9 19.2 28.8
150 14.2 9.9 14.9





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32

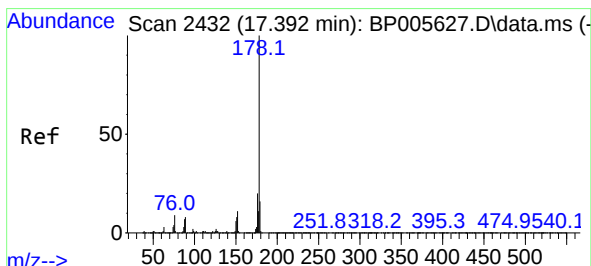
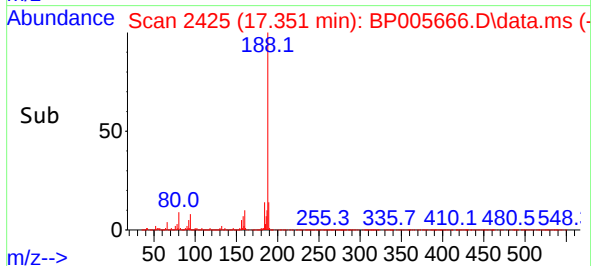
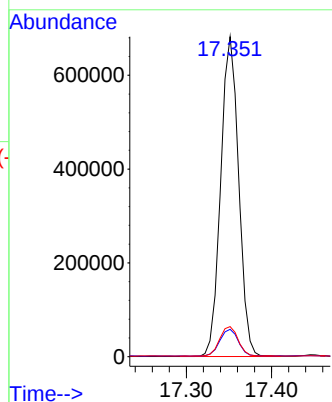
Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)



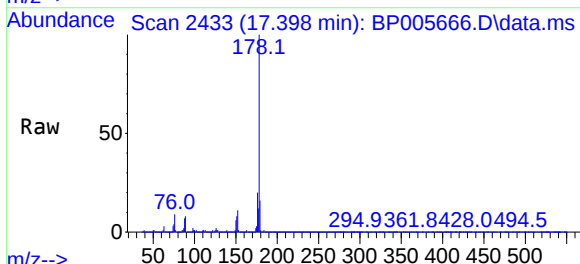
Tgt Ion:188 Resp: 999443
Ion Ratio Lower Upper
188 100
94 8.6 5.0 7.6#
80 9.4 5.9 8.9#

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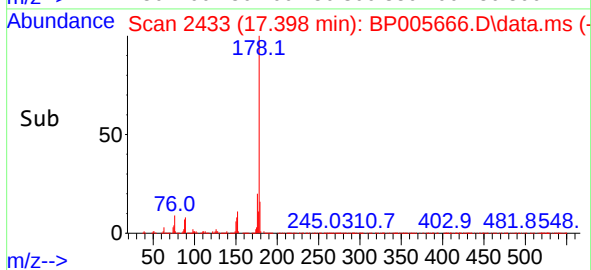
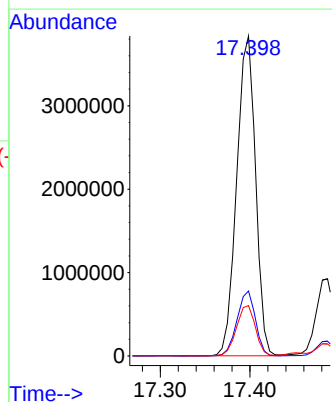
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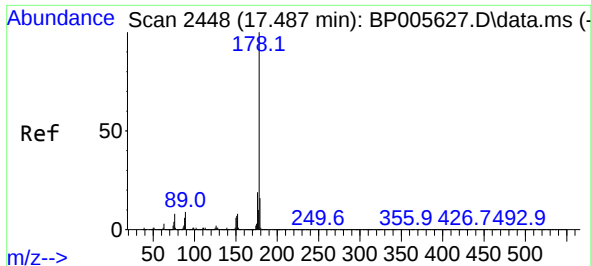


#71
Phenanthrene
Concen: 89.80 ng
RT: 17.398 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32



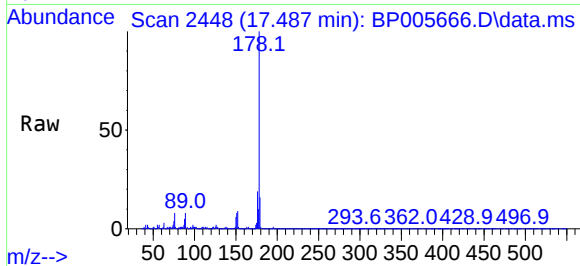
Tgt Ion:178 Resp: 5591722
Ion Ratio Lower Upper
178 100
176 20.3 15.4 23.2
179 15.8 12.3 18.5





#72
 Anthracene
 Concen: 21.23 ng
 RT: 17.487 min Scan# 2448
 Delta R.T. -0.000 min
 Lab File: BP005666.D
 Acq: 02 Jun 2021 15:32

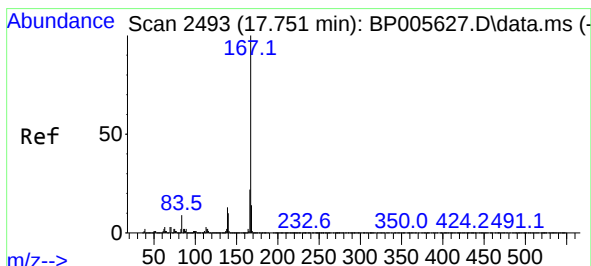
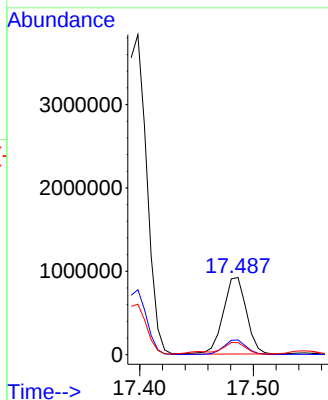
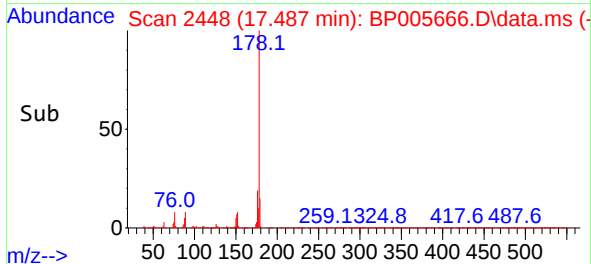
Instrument :
 BNA_P
 ClientSampleId :
 18-B3(4-6)



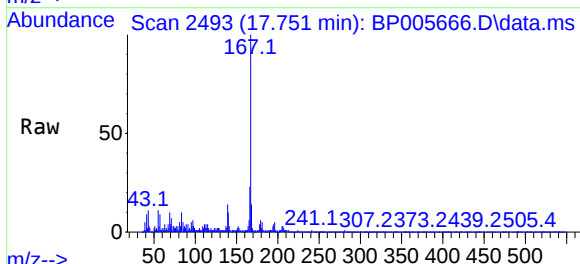
Tgt Ion:178 Resp: 1305298
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.2 22.8
 179 15.5 12.6 19.0

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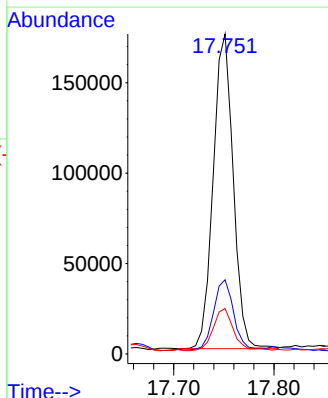
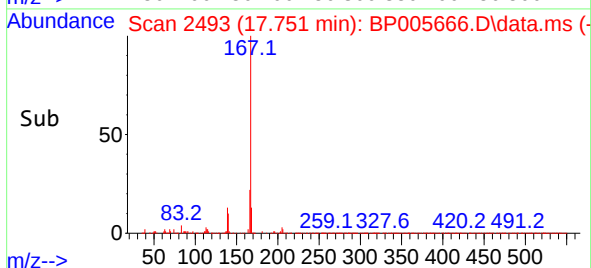
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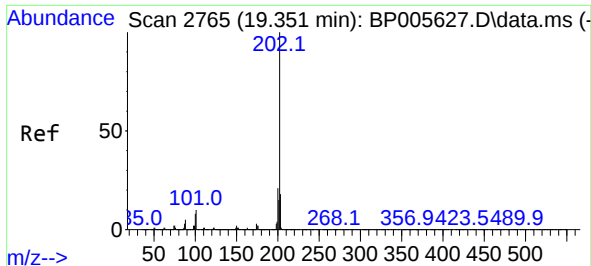


#73
 Carbazole
 Concen: 3.99 ng
 RT: 17.751 min Scan# 2493
 Delta R.T. -0.000 min
 Lab File: BP005666.D
 Acq: 02 Jun 2021 15:32



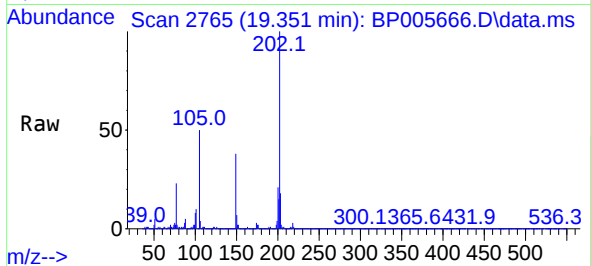
Tgt Ion:167 Resp: 241471
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.4 26.0
 139 14.2 10.4 15.6





#75
Fluoranthene
Concen: 51.74 ng
RT: 19.351 min Scan# 2765
Delta R.T. -0.000 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32

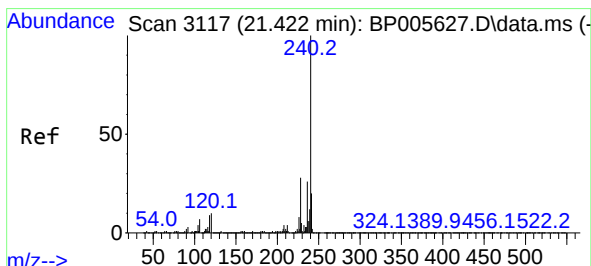
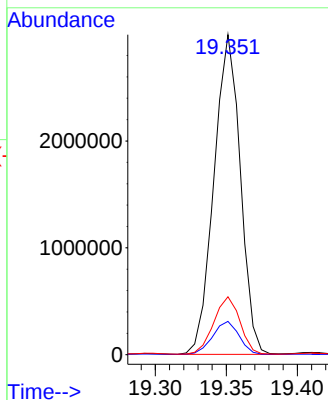
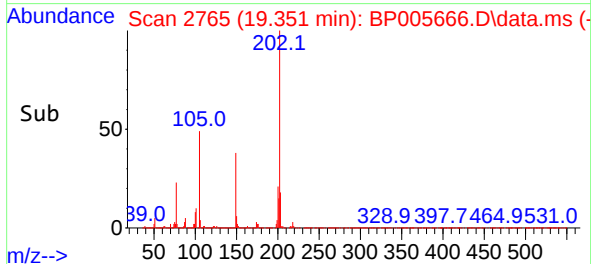
Instrument :
BNA_P
ClientSampleId :
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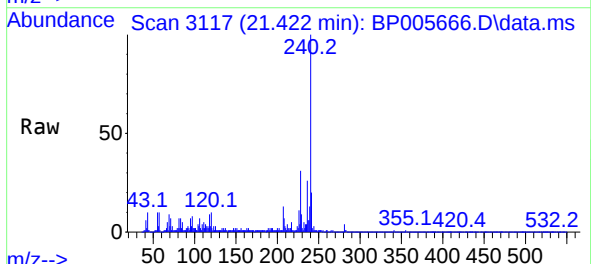
Tgt Ion:202 Resp: 3866948
Ion Ratio Lower Upper
202 100
101 10.4 0.0 26.1
203 18.1 0.0 37.2

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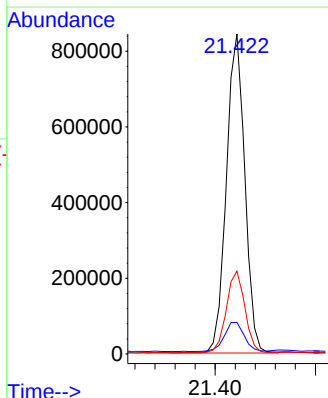
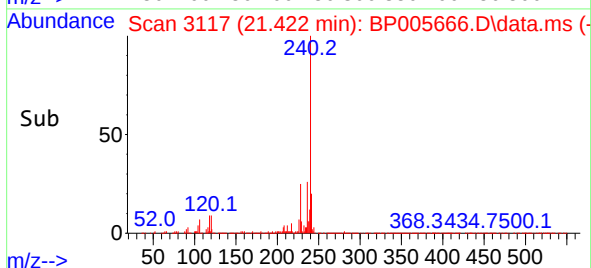
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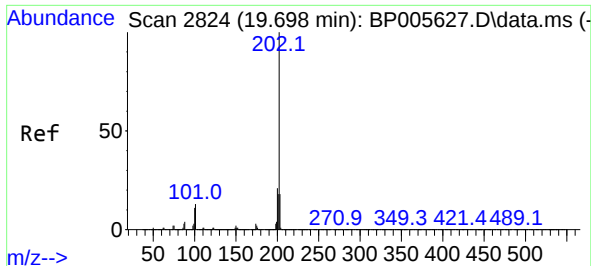


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32



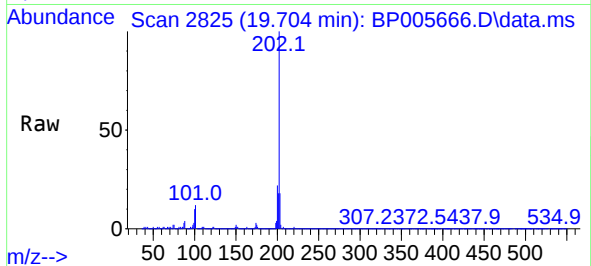
Tgt Ion:240 Resp: 1077142
Ion Ratio Lower Upper
240 100
120 9.9 4.2 6.2#
236 25.9 20.2 30.2





#78
Pyrene
Concen: 61.68 ng
RT: 19.704 min Scan# 2825
Delta R.T. 0.006 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32

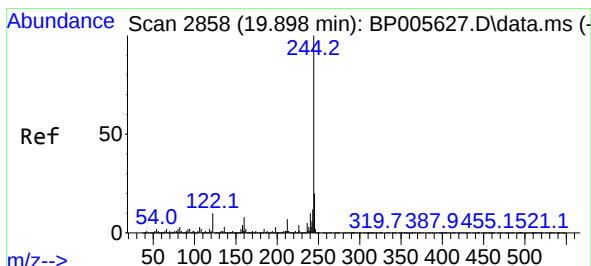
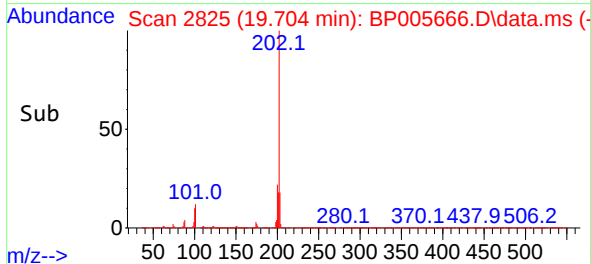
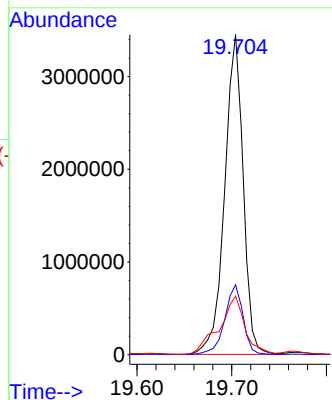
Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)



Tgt Ion:202 Resp: 4687627
Ion Ratio Lower Upper
202 100
200 21.8 16.9 25.3
203 18.3 13.8 20.6

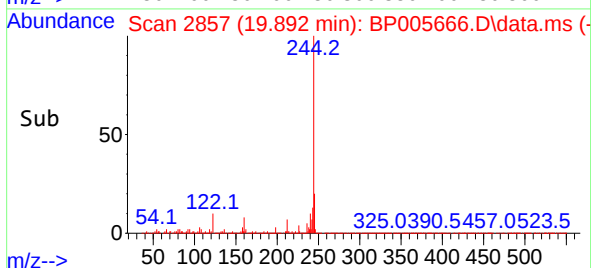
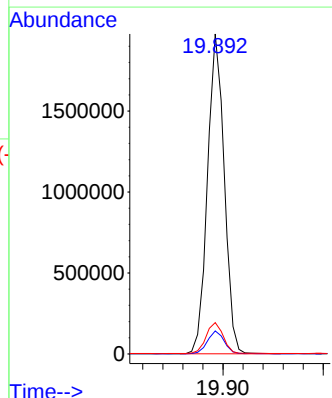
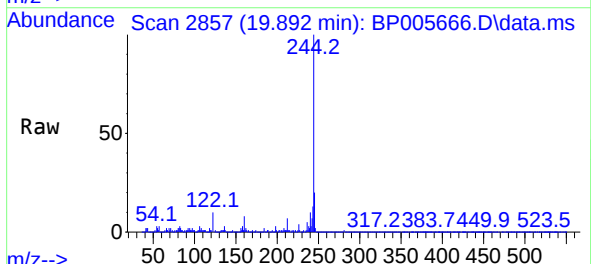
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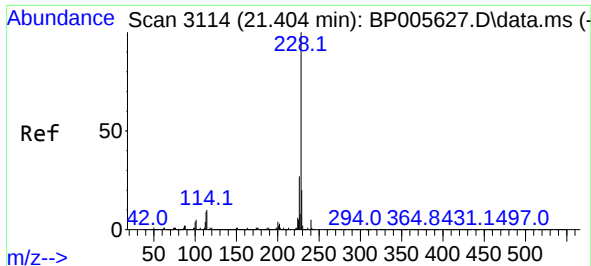
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#79
Terphenyl-d14
Concen: 39.94 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32

Tgt Ion:244 Resp: 2292887
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.8 5.2 7.8#





#81
Benzo(a)anthracene
Concen: 27.20 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32

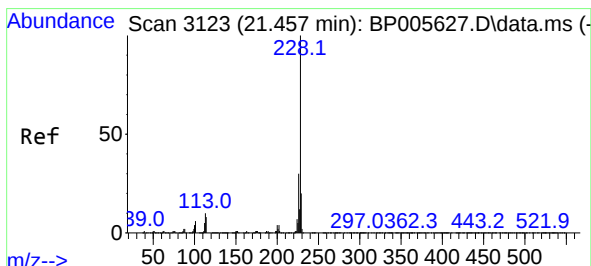
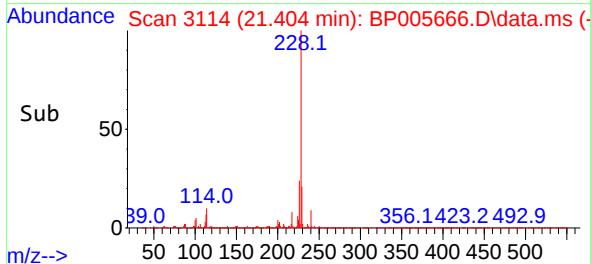
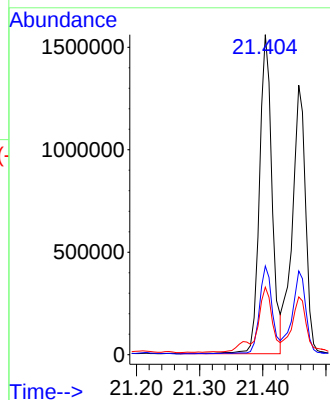
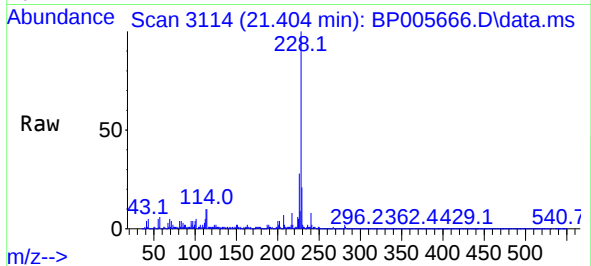
Tgt Ion:228 Resp: 2150211

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.2	31.8
229	21.1	15.6	23.4

Instrument :
BNA_P
ClientSampleId :
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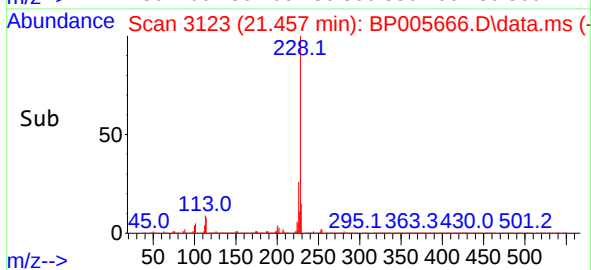
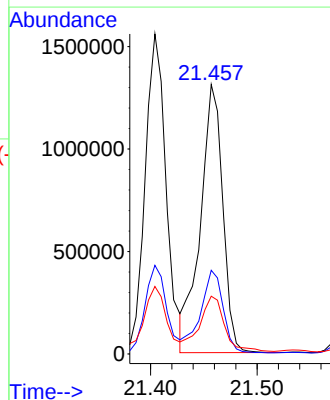
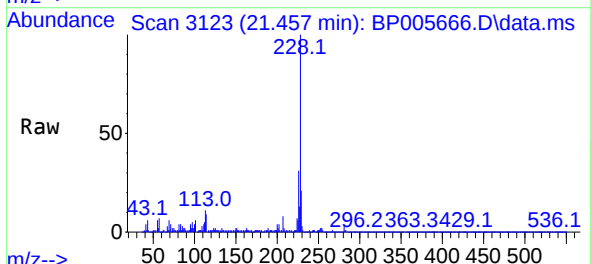
mohammad
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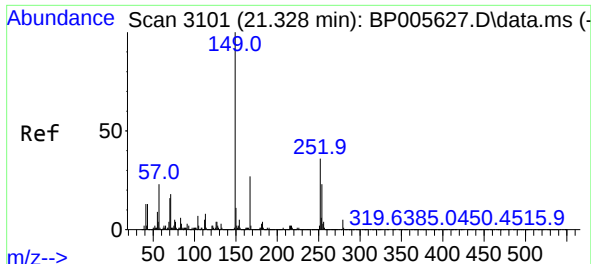


#83
Chrysene
Concen: 25.08 ng
RT: 21.457 min Scan# 3123
Delta R.T. -0.000 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32

Tgt Ion:228 Resp: 1919549

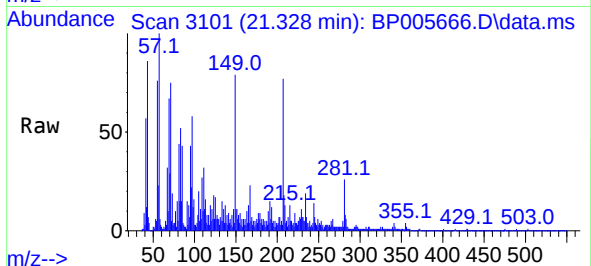
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.8	37.2
229	21.4	15.4	23.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.64 ng
RT: 21.328 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32

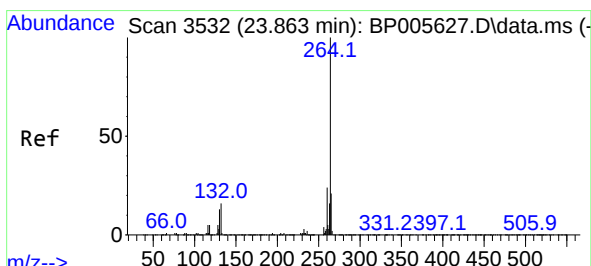
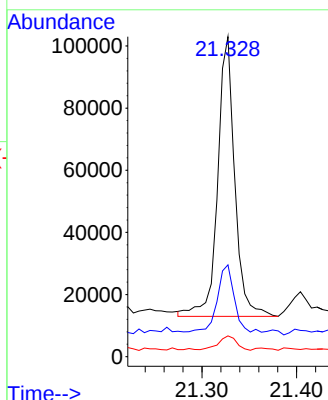
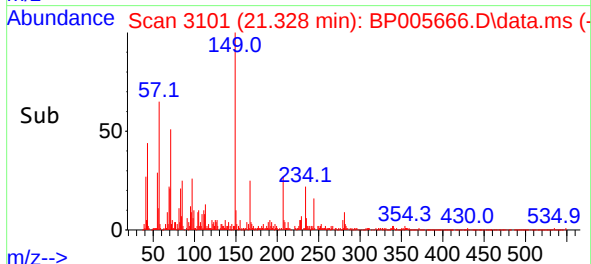
Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)



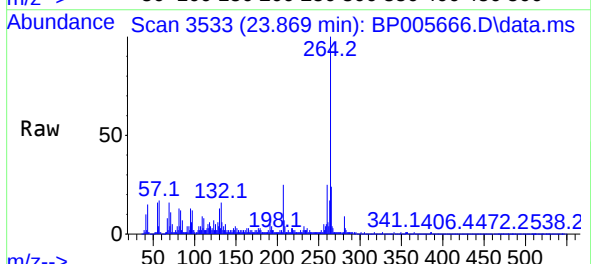
Tgt Ion:149 Resp: 113199
Ion Ratio Lower Upper
149 100
167 28.7 23.8 35.8
279 6.5 5.7 8.5

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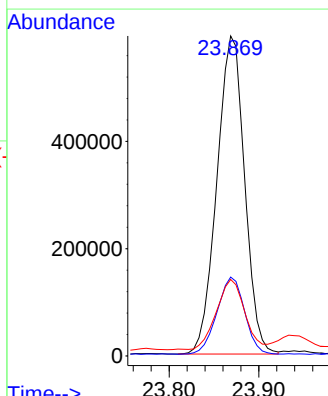
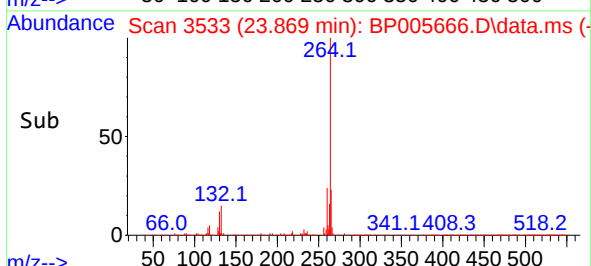
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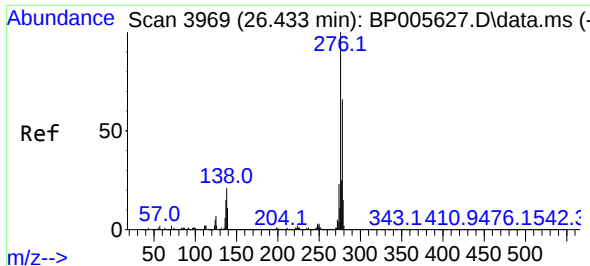


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.869 min Scan# 3533
Delta R.T. 0.006 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32

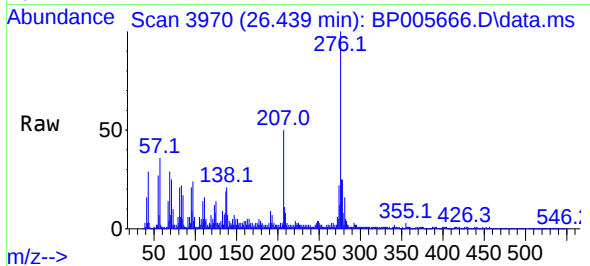


Tgt Ion:264 Resp: 1273868
Ion Ratio Lower Upper
264 100
260 24.6 20.6 30.8
265 23.9 19.0 28.6

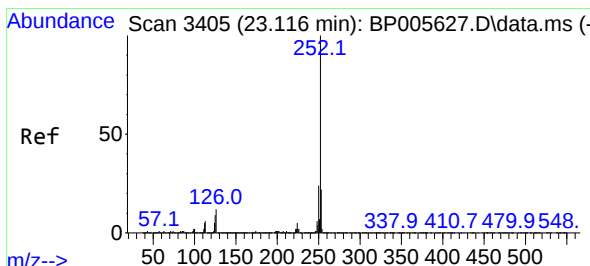
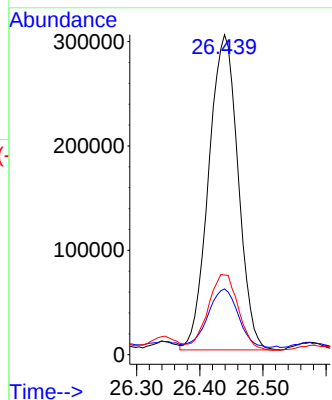
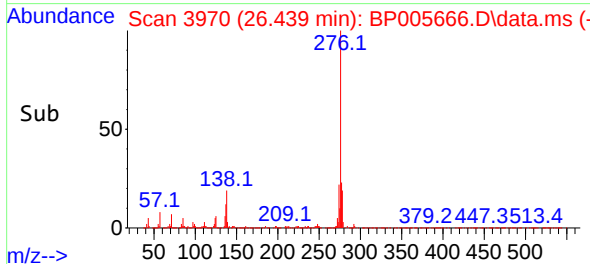




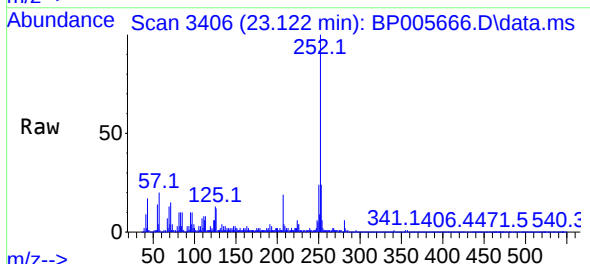
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.01 ng
RT: 26.439 min Scan# 3970
Delta R.T. 0.006 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32



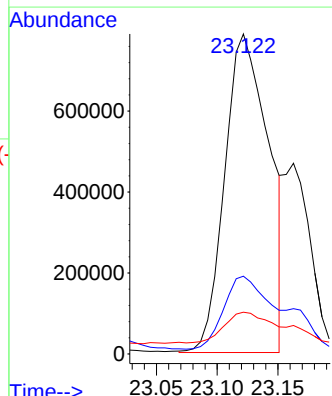
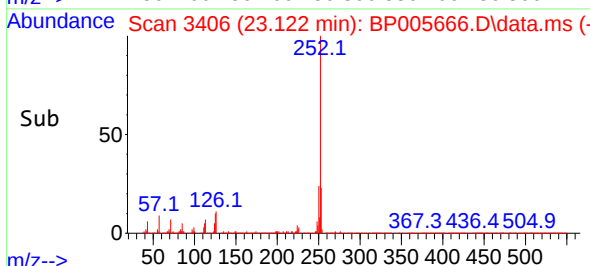
Tgt Ion:276 Resp: 976355
Ion Ratio Lower Upper
276 100
138 19.0 8.4 12.6#
277 24.9 20.6 31.0



#88
Benzo(b)fluoranthene
Concen: 21.48 ng m
RT: 23.122 min Scan# 3406
Delta R.T. 0.006 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32



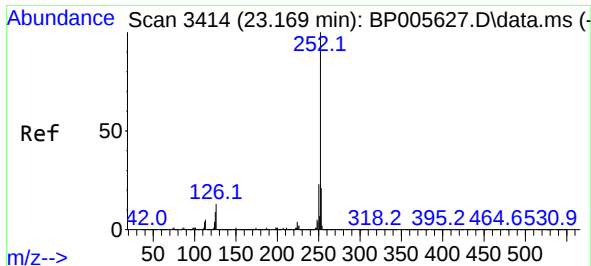
Tgt Ion:252 Resp: 1985096
Ion Ratio Lower Upper
252 100
253 24.3 18.2 27.2
125 13.1 3.4 5.0#



Instrument :
BNA_P
ClientSampled :
18-B3(4-6)

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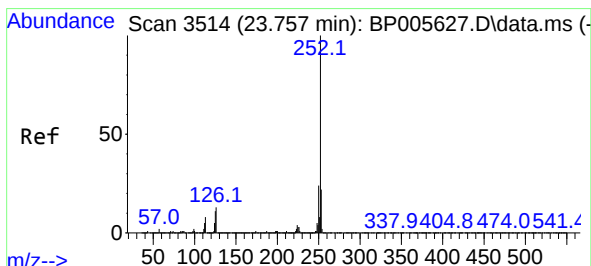
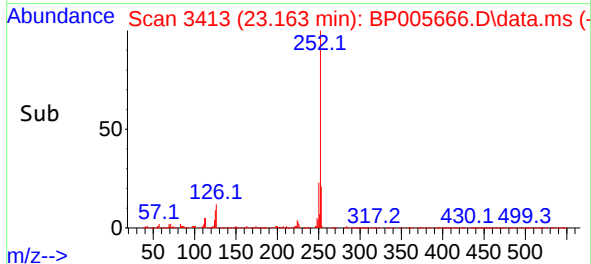
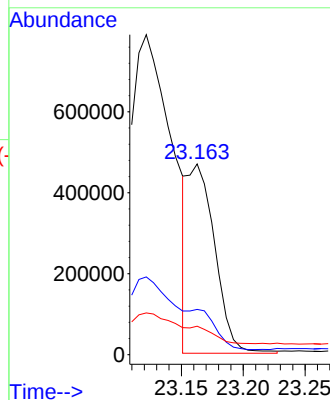
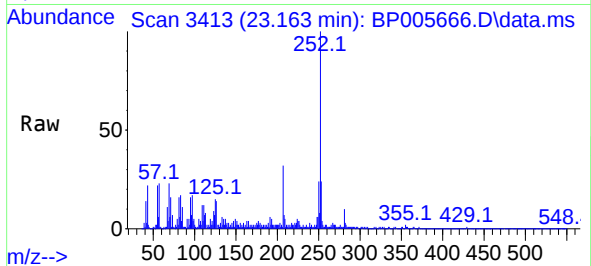
#89
Benzo(k)fluoranthene
Concen: 8.12 ng m
RT: 23.163 min Scan# 3413
Delta R.T. -0.006 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32

Tgt Ion:252 Resp: 710780
Ion Ratio Lower Upper
252 100
253 23.8 17.2 25.8
125 14.9 3.8 5.6#

Instrument :
BNA_P
ClientSampled :
18-B3(4-6)

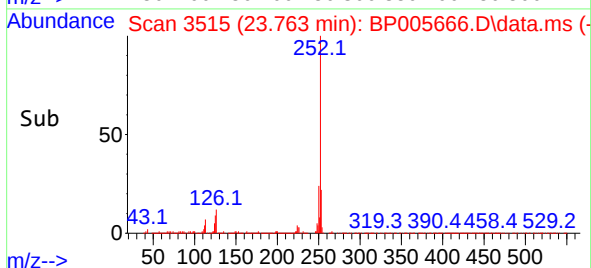
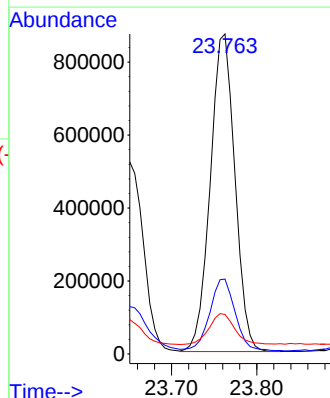
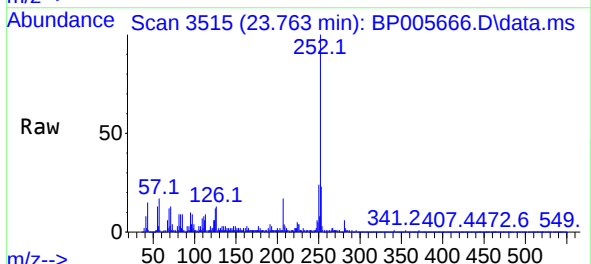
Manual Integrations
APPROVED

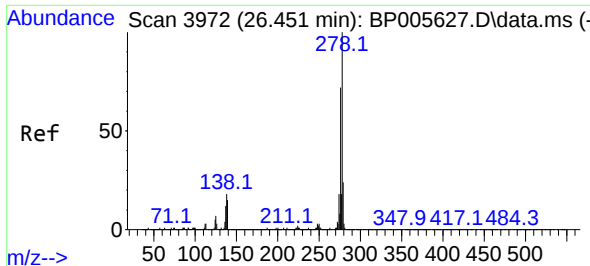
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#90
Benzo(a)pyrene
Concen: 20.78 ng
RT: 23.763 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32

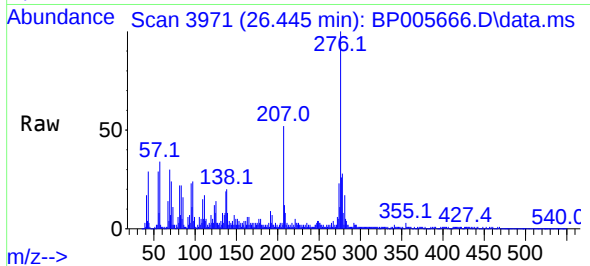
Tgt Ion:252 Resp: 1746946
Ion Ratio Lower Upper
252 100
253 23.4 17.1 25.7
125 12.3 3.8 5.6#





#91
Dibenzo(a,h)anthracene
Concen: 3.11 ng
RT: 26.445 min Scan# 3971
Delta R.T. -0.006 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32

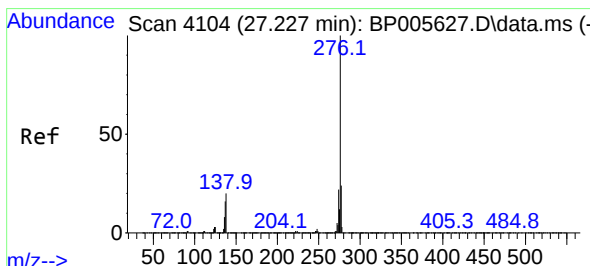
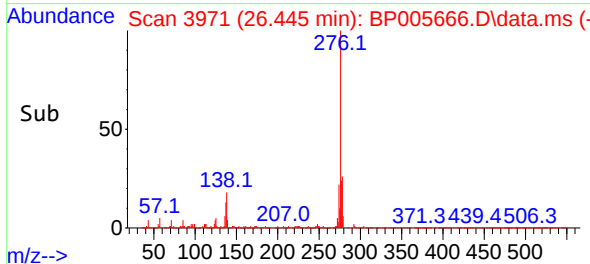
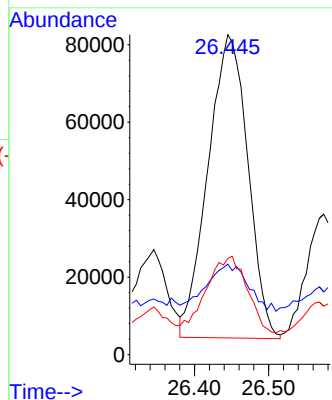
Instrument :
BNA_P
ClientSampleId :
18-B3(4-6)



Tgt Ion:278 Resp: 292095
Ion Ratio Lower Upper
278 100
139 28.3 5.0 7.6#
279 30.1 18.6 28.0#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 10.84 ng
RT: 27.233 min Scan# 4105
Delta R.T. 0.006 min
Lab File: BP005666.D
Acq: 02 Jun 2021 15:32

Tgt Ion:276 Resp: 983534
Ion Ratio Lower Upper
276 100
277 25.6 19.8 29.8
138 20.4 7.7 11.5#

