

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
 Data File : BP005528.D
 Acq On : 13 May 2021 20:01
 Operator : CG/JU
 Sample : M2369-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-365

Manual Integrations
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Quant Time: May 14 02:13:40 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 11 11:20:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	12087	20.00	ng	-0.01
21) Naphthalene-d8	10.481	136	37461	20.00	ng	#-0.01
39) Acenaphthene-d10	14.334	164	25528	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	62146	20.00	ng	# 0.00
76) Chrysene-d12	21.192	240	89464	20.00	ng	# 0.00
86) Perylene-d12	23.504	264	118070	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	67086	106.52	ng	0.00
7) Phenol-d6	6.887	99	70363	89.59	ng	0.00
23) Nitrobenzene-d5	8.852	82	64905	68.19	ng	-0.01
42) 2,4,6-Tribromophenol	15.840	330	63234	87.29	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	153482	67.82	ng	-0.01
79) Terphenyl-d14	19.669	244	304320	57.77	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.057	152	6237	2.65	ng	95
50) Dimethylphthalate	13.810	163	16801	7.62	ng	99
71) Phenanthrene	17.139	178	14514	4.11	ng	98
72) Anthracene	17.234	178	7471m	2.13	ng	
75) Fluoranthene	19.110	202	62162	12.80	ng	98
78) Pyrene	19.463	202	57355	11.32	ng	97
81) Benzo(a)anthracene	21.180	228	66506	11.47	ng	95
83) Chrysene	21.227	228	71290m	12.69	ng	
84) Bis(2-ethylhexyl)phtha...	21.104	149	13247	5.29	ng	# 96
87) Indeno(1,2,3-cd)pyrene	25.892	276	68704	6.92	ng	# 94
88) Benzo(b)fluoranthene	22.804	252	159102	20.22	ng	# 97
89) Benzo(k)fluoranthene	22.839	252	46382m	6.03	ng	
90) Benzo(a)pyrene	23.398	252	86175m	11.95	ng	
91) Dibenzo(a,h)anthracene	25.904	278	19156m	2.19	ng	
92) Benzo(g,h,i)perylene	26.633	276	61734	7.61	ng	# 96

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

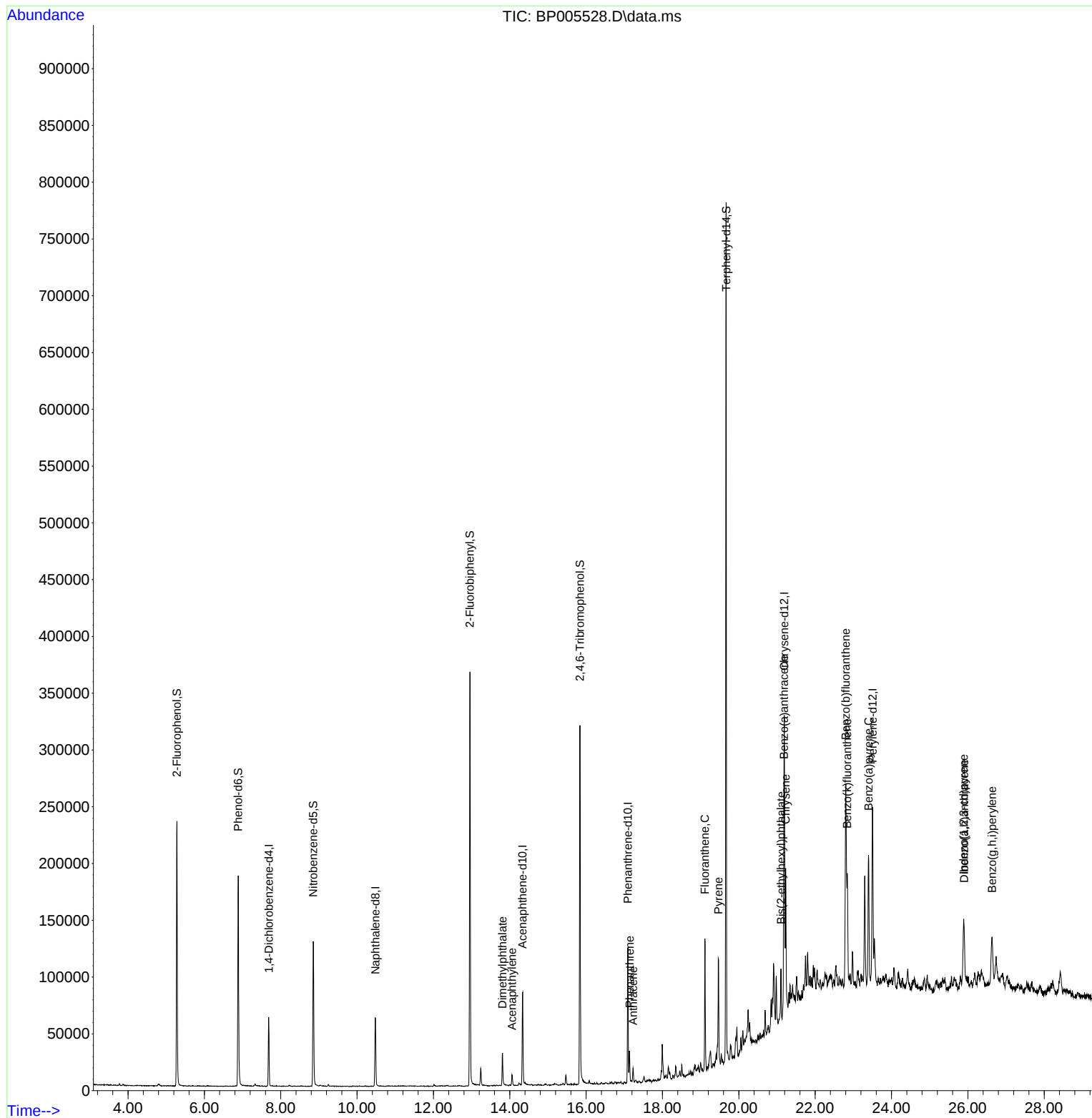
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Data File : BP005528.D
Acq On : 13 May 2021 20:01
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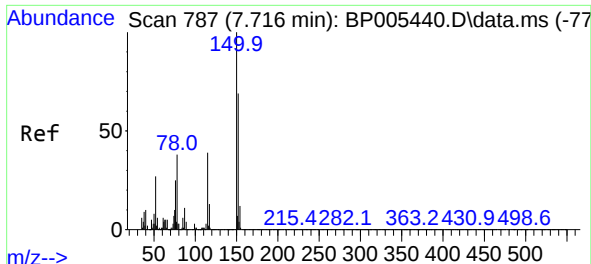
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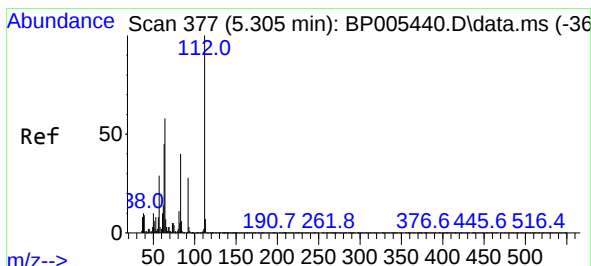
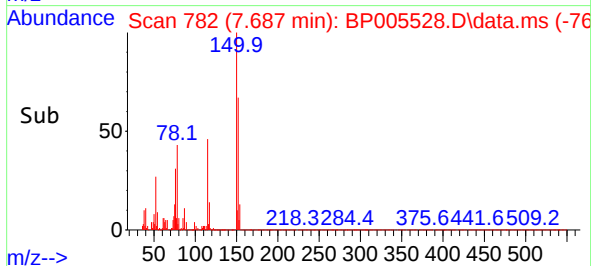
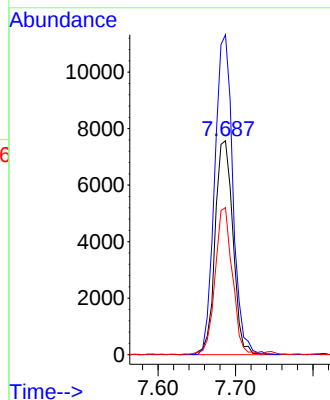
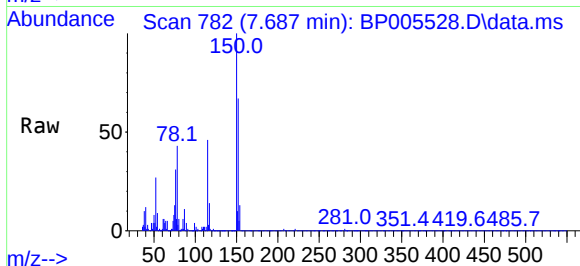
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.012 min
Lab File: BP005528.D
Acq: 13 May 2021 20:01

Tgt Ion:152 Resp: 12087
Ion Ratio Lower Upper
152 100
150 149.6 119.8 179.8
115 68.8 49.0 73.4

Instrument :
BNA_P
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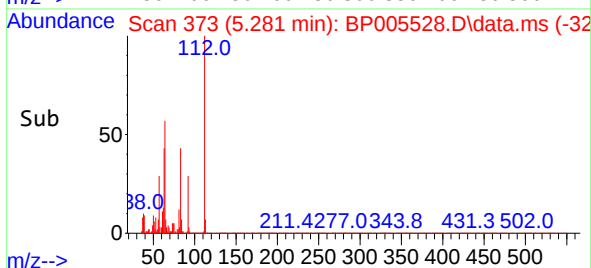
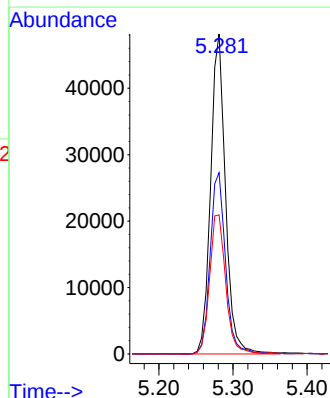
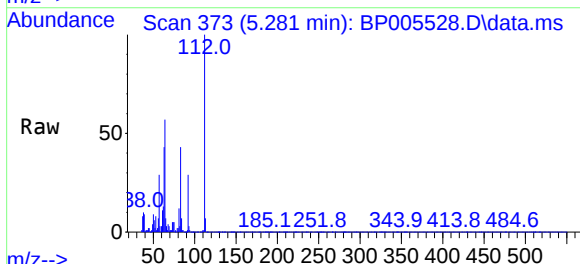
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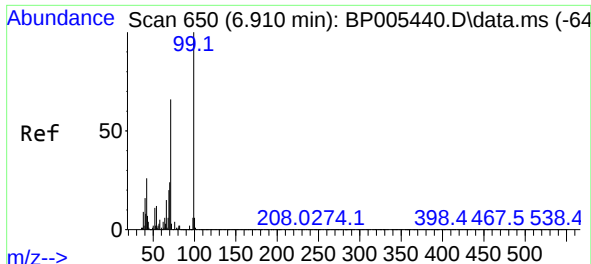
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#5
2-Fluorophenol
Concen: 106.52 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP005528.D
Acq: 13 May 2021 20:01

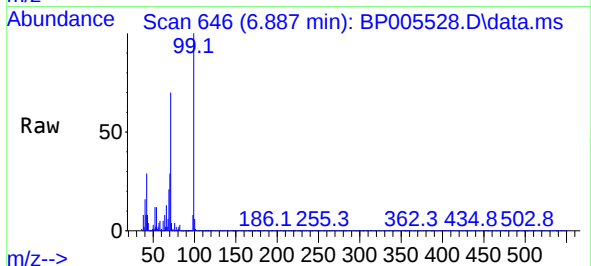
Tgt Ion:112 Resp: 67086
Ion Ratio Lower Upper
112 100
64 56.7 33.6 50.4#
63 43.4 18.6 27.8#





#7
Phenol-d6
Concen: 89.59 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005528.D
Acq: 13 May 2021 20:01

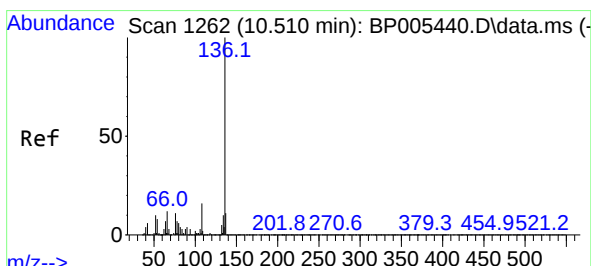
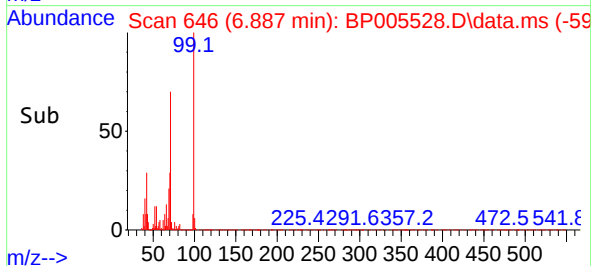
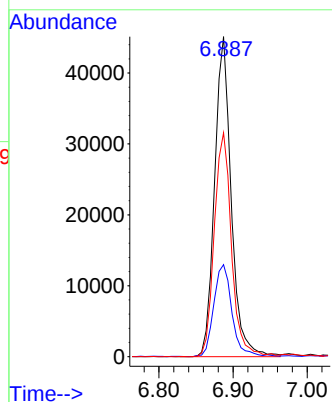
Instrument :
BNA_P
ClientSampled :
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Tgt Ion: 99 Resp: 70363
Ion Ratio Lower Upper
99 100
42 28.8 12.9 19.3#
71 69.9 26.7 40.1#

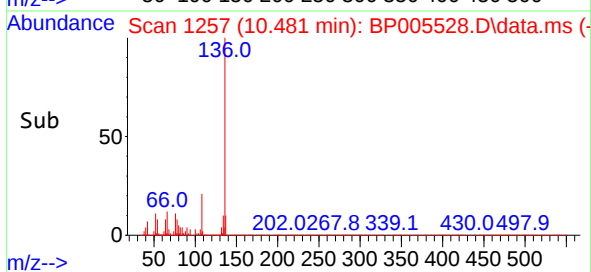
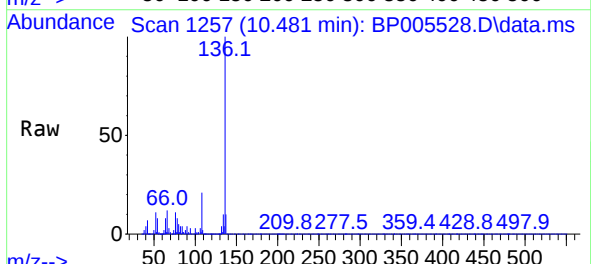
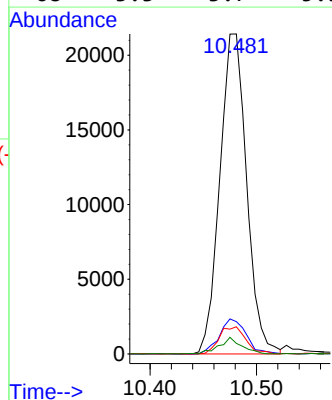
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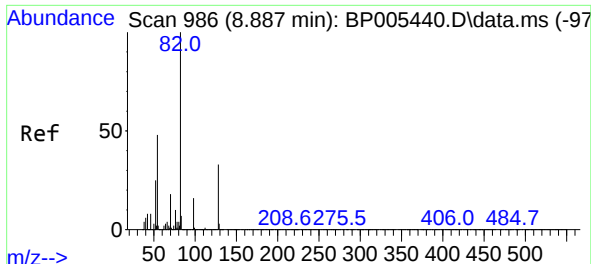
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP005528.D
Acq: 13 May 2021 20:01

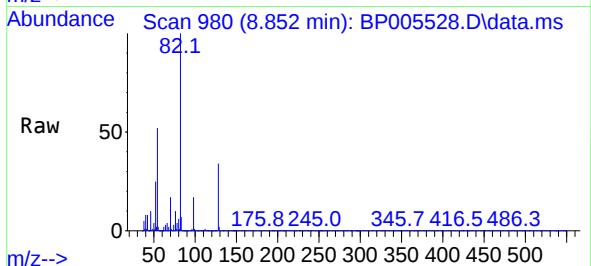
Tgt Ion: 136 Resp: 37461
Ion Ratio Lower Upper
136 100
137 10.1 8.9 13.3
54 8.5 5.0 7.4#
68 3.3 3.7 5.5#





#23
Nitrobenzene-d5
Concen: 68.19 ng
RT: 8.852 min Scan# 980
Delta R.T. -0.012 min
Lab File: BP005528.D
Acq: 13 May 2021 20:01

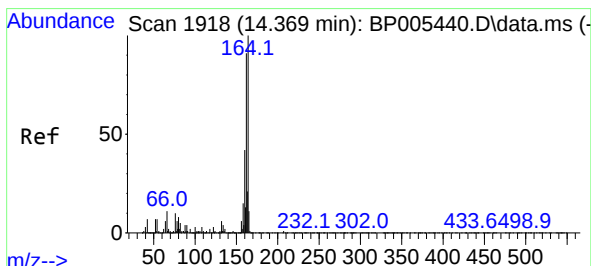
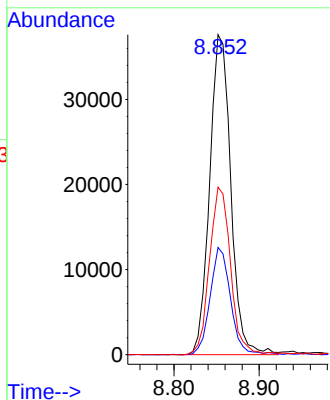
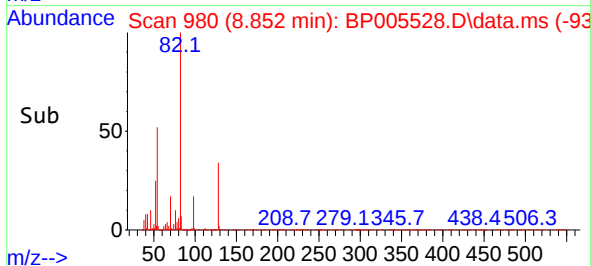
Instrument :
BNA_P
ClientSampled :
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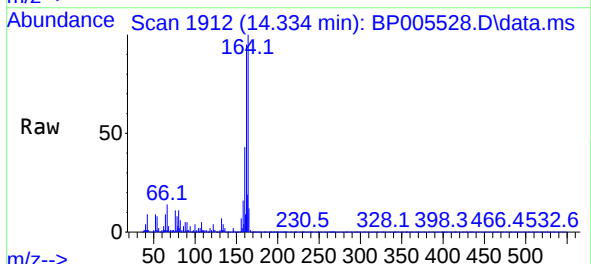
Tgt Ion: 82 Resp: 64905
Ion Ratio Lower Upper
82 100
128 33.5 30.5 45.7
54 52.4 33.9 50.9#

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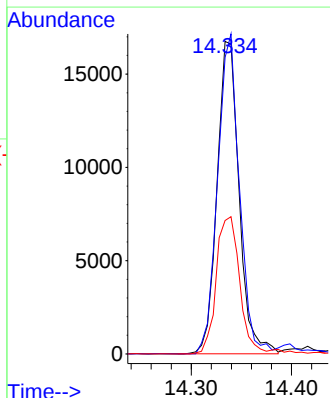
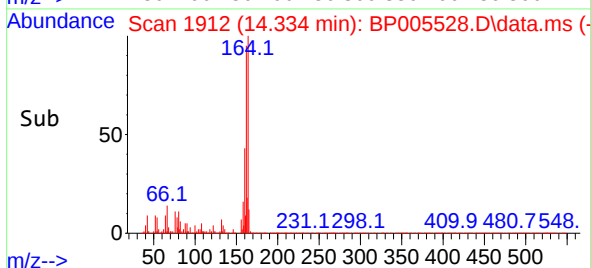
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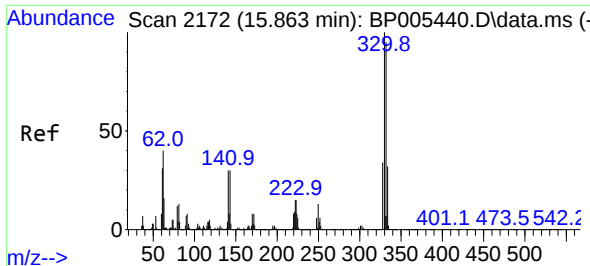


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BP005528.D
Acq: 13 May 2021 20:01



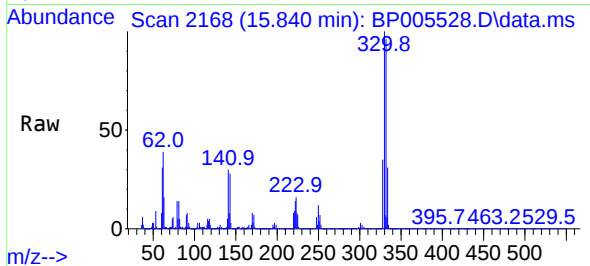
Tgt Ion: 164 Resp: 25528
Ion Ratio Lower Upper
164 100
162 94.8 73.5 110.3
160 42.7 40.6 61.0





#42
2,4,6-Tribromophenol
Concen: 87.29 ng
RT: 15.840 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP005528.D
Acq: 13 May 2021 20:01

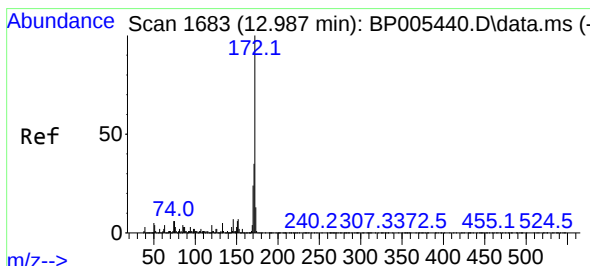
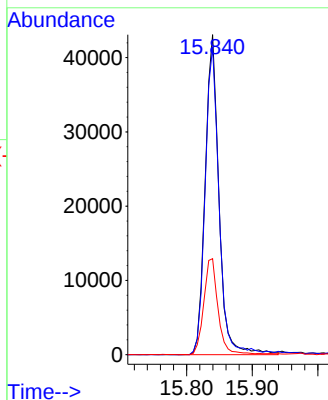
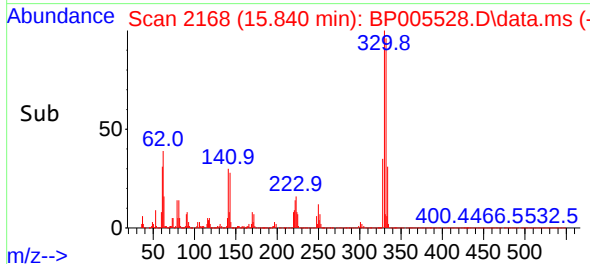
Instrument :
BNA_P
ClientSampleId :
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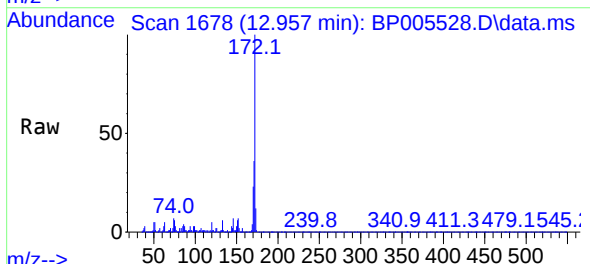
Tgt Ion:330 Resp: 63234
Ion Ratio Lower Upper
330 100
332 97.3 76.3 114.5
141 31.0 22.8 34.2

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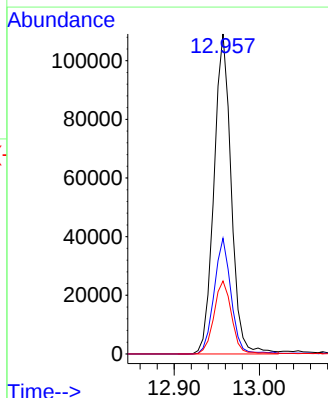
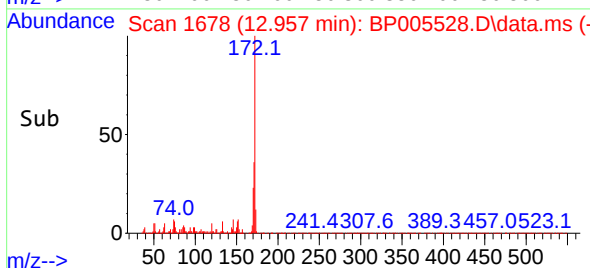
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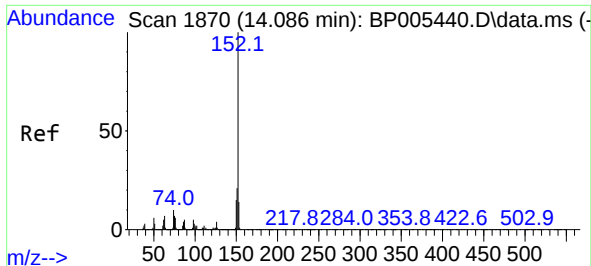


#45
2-Fluorobiphenyl
Concen: 67.82 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BP005528.D
Acq: 13 May 2021 20:01



Tgt Ion:172 Resp: 153482
Ion Ratio Lower Upper
172 100
171 36.2 28.1 42.1
170 22.8 19.6 29.4





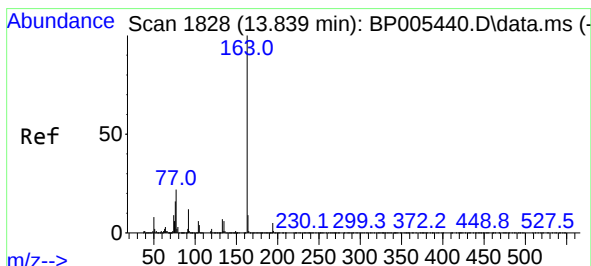
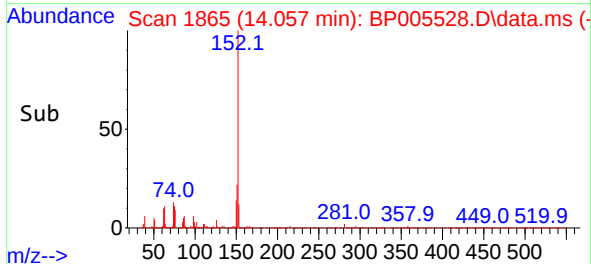
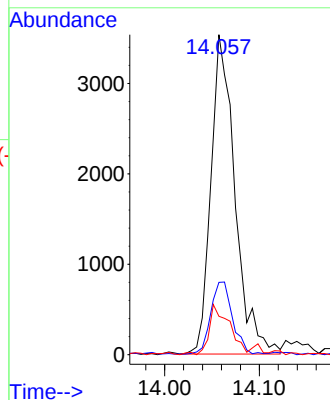
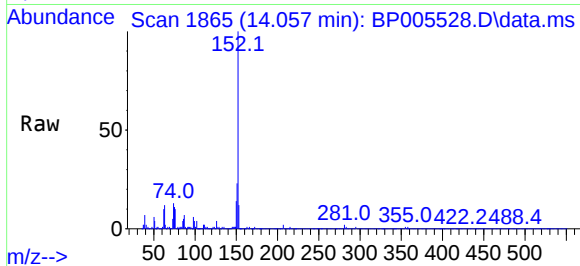
#49
Acenaphthylene
Concen: 2.65 ng
RT: 14.057 min Scan# 1865
Delta R.T. -0.006 min
Lab File: BP005528.D
Acq: 13 May 2021 20:01

Tgt Ion:	152	Resp:	6237
Ion Ratio	Lower	Upper	
152	100		
151	22.6	15.8	23.6
153	12.4	10.5	15.7

Instrument :
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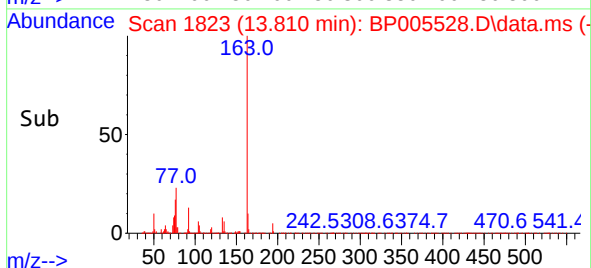
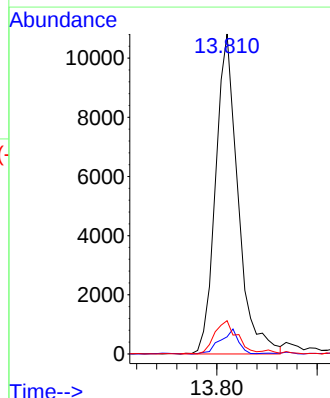
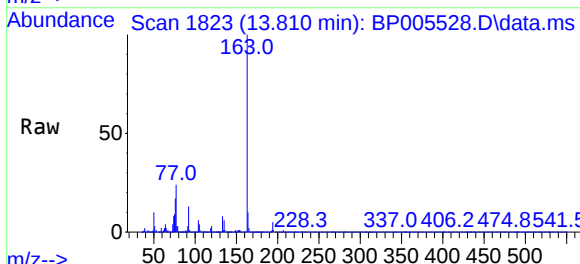
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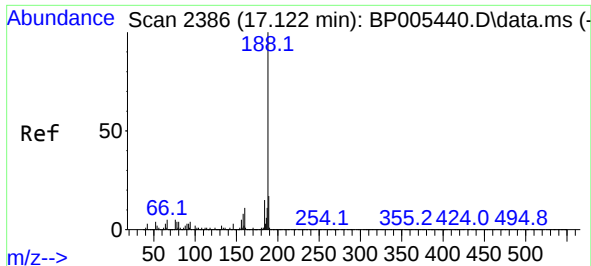
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#50
Dimethylphthalate
Concen: 7.62 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BP005528.D
Acq: 13 May 2021 20:01

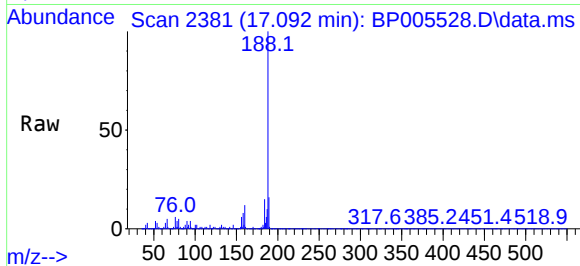
Tgt Ion:	163	Resp:	16801
Ion Ratio	Lower	Upper	
163	100		
194	5.4	3.9	5.9
164	10.4	8.1	12.1





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP005528.D
Acq: 13 May 2021 20:01

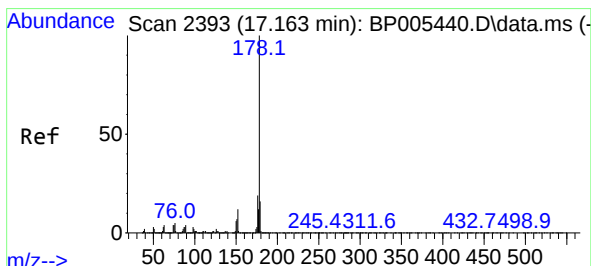
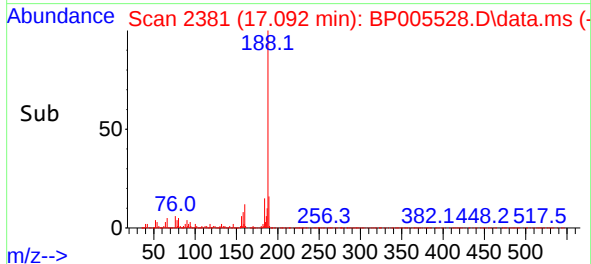
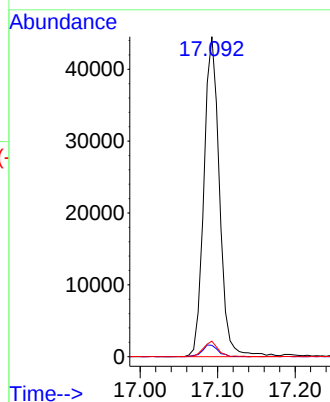
Instrument :
BNA_P
ClientSampled :
RO-365



Tgt Ion:188 Resp: 62146
Ion Ratio Lower Upper
188 100
94 3.5 5.0 7.6#
80 4.9 5.9 8.9#

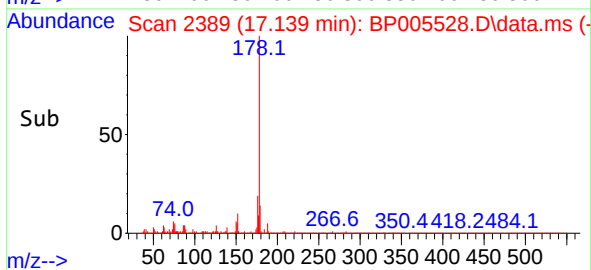
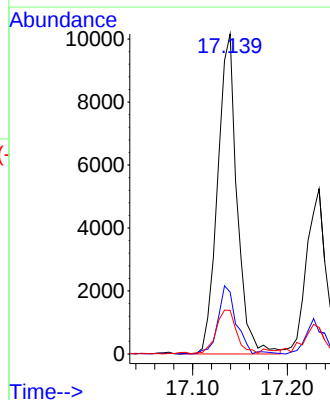
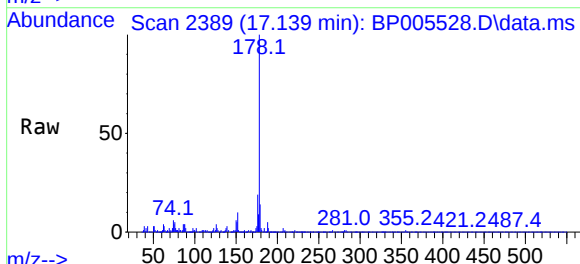
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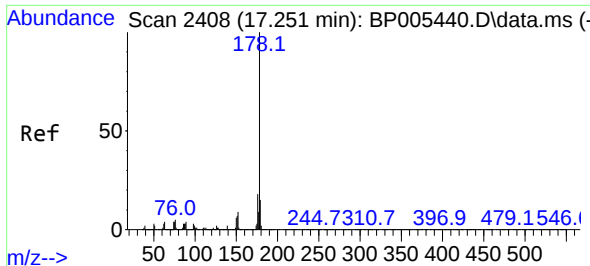
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#71
Phenanthrene
Concen: 4.11 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.000 min
Lab File: BP005528.D
Acq: 13 May 2021 20:01

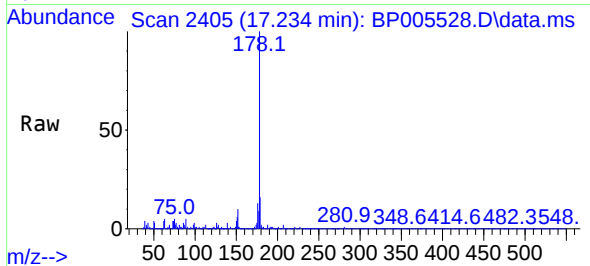
Tgt Ion:178 Resp: 14514
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 13.6 12.3 18.5





#72
 Anthracene
 Concen: 2.13 ng m
 RT: 17.234 min Scan# 2405
 Delta R.T. 0.006 min
 Lab File: BP005528.D
 Acq: 13 May 2021 20:01

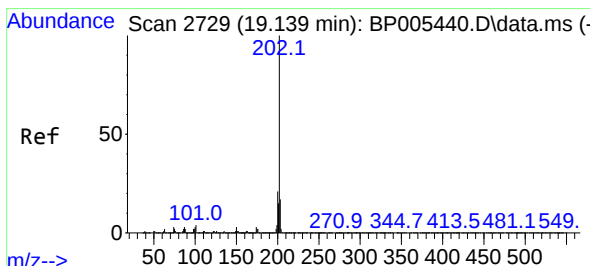
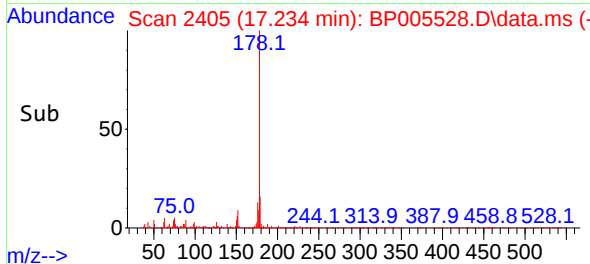
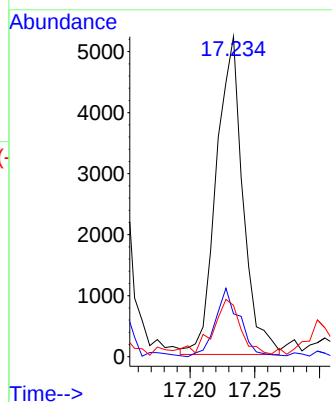
Instrument :
 BNA_P
 ClientSampleId :
 RO-365



Tgt Ion:178 Resp: 7471
 Ion Ratio Lower Upper
 178 100
 176 13.4 15.2 22.8#
 179 16.1 12.6 19.0

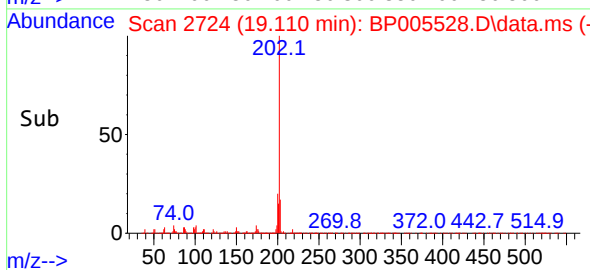
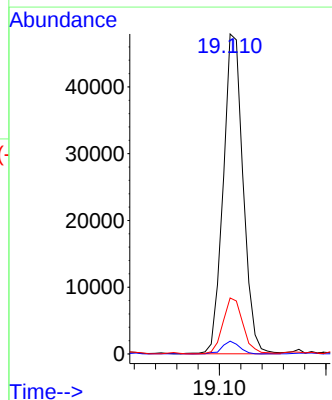
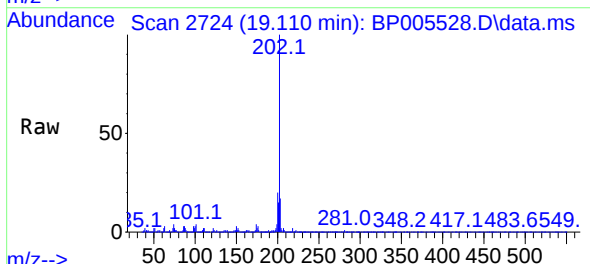
Manual Integrations
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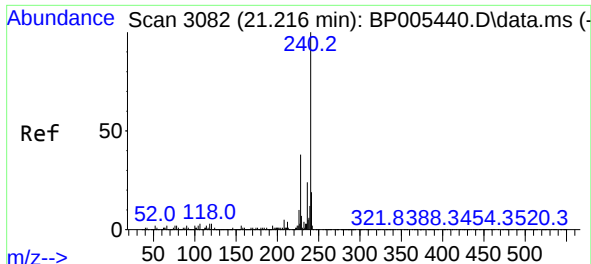
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#75
 Fluoranthene
 Concen: 12.80 ng
 RT: 19.110 min Scan# 2724
 Delta R.T. -0.006 min
 Lab File: BP005528.D
 Acq: 13 May 2021 20:01

Tgt Ion:202 Resp: 62162
 Ion Ratio Lower Upper
 202 100
 101 4.0 0.0 26.1
 203 17.5 0.0 37.2





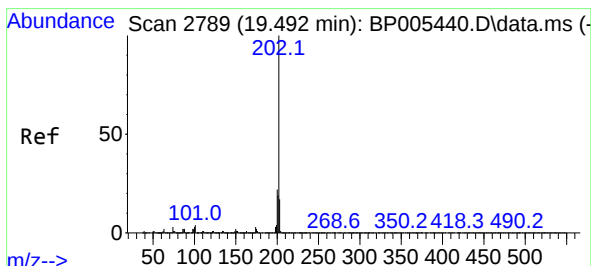
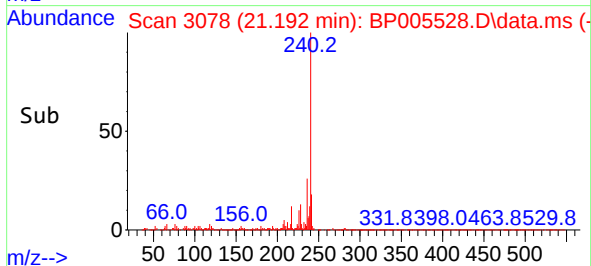
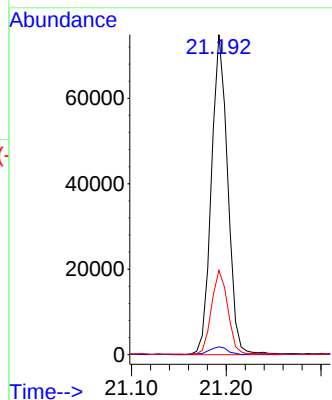
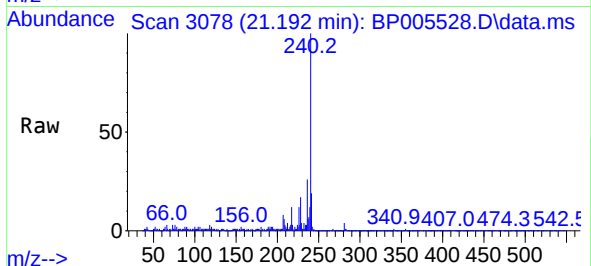
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.000 min
Lab File: BP005528.D
Acq: 13 May 2021 20:01

Tgt Ion:240 Resp: 89464
Ion Ratio Lower Upper
240 100
120 2.5 4.2 6.2#
236 26.4 20.2 30.2

Instrument :
BNA_P
ClientSampled :
RO-365

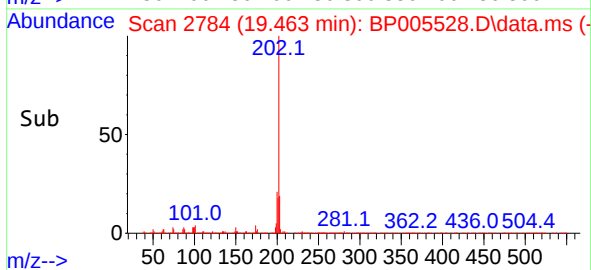
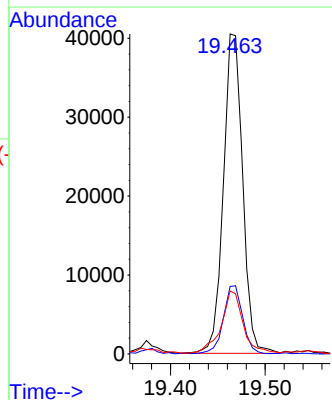
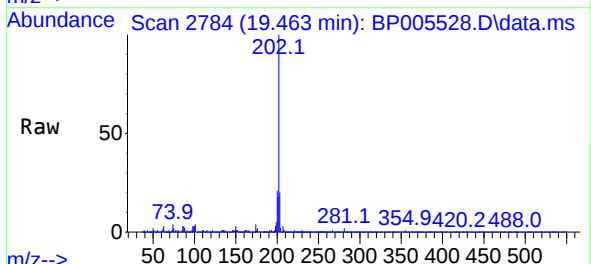
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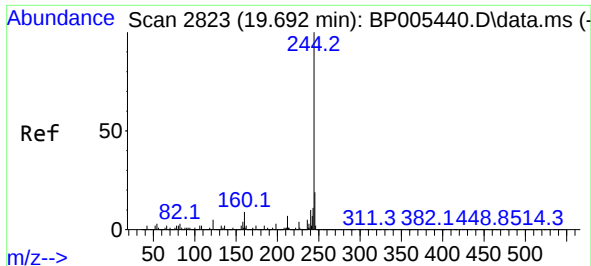
mohammad
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#78
Pyrene
Concen: 11.32 ng
RT: 19.463 min Scan# 2784
Delta R.T. -0.006 min
Lab File: BP005528.D
Acq: 13 May 2021 20:01

Tgt Ion:202 Resp: 57355
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 19.7 13.8 20.6





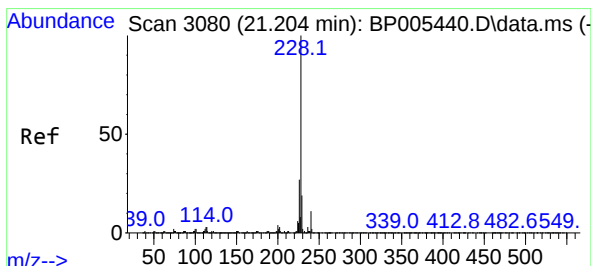
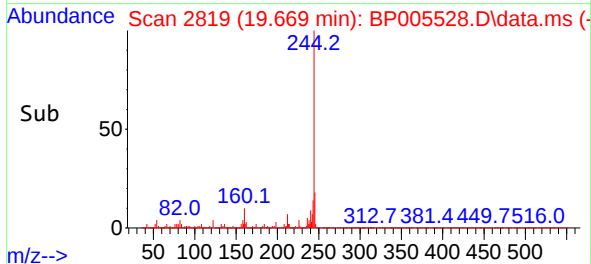
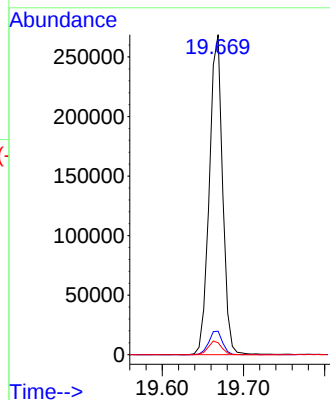
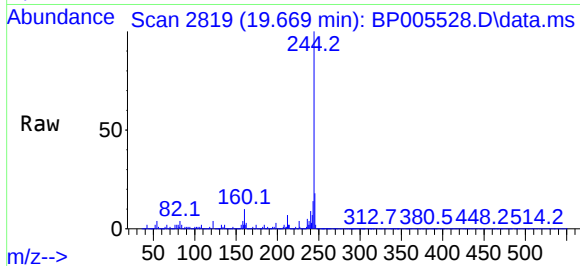
#79
Terphenyl-d14
Concen: 57.77 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BP005528.D
Acq: 13 May 2021 20:01

Tgt Ion:244 Resp: 304320
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 3.8 5.2 7.8#

Instrument :
BNA_P
ClientSampled :
RO-365

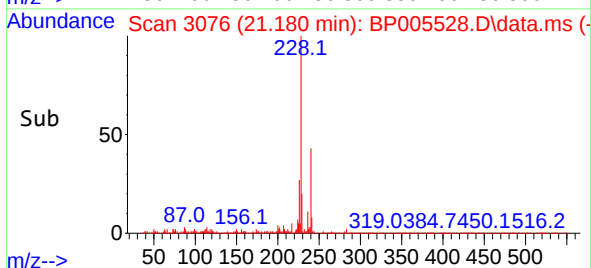
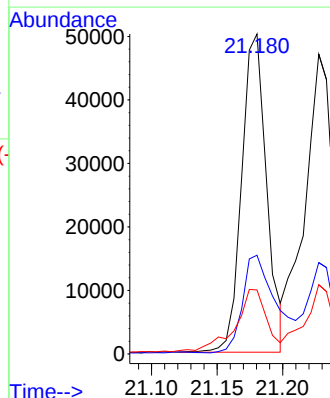
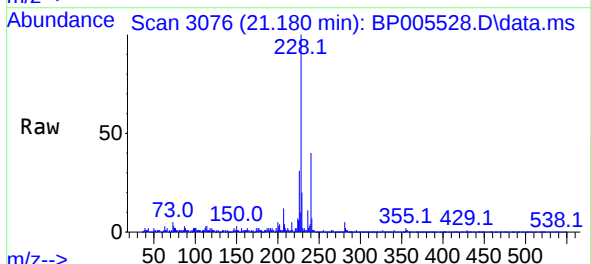
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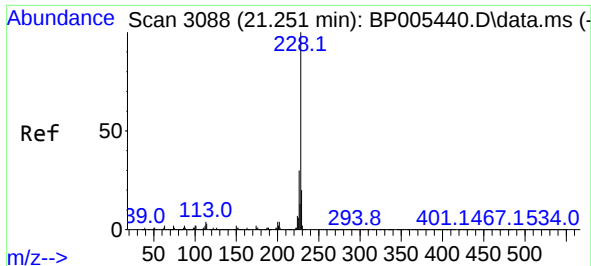
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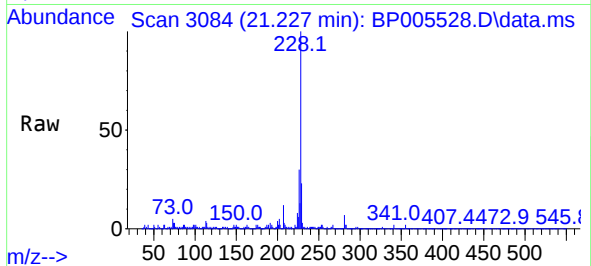
#81
Benzo(a)anthracene
Concen: 11.47 ng
RT: 21.180 min Scan# 3076
Delta R.T. 0.006 min
Lab File: BP005528.D
Acq: 13 May 2021 20:01

Tgt Ion:228 Resp: 66506
Ion Ratio Lower Upper
228 100
226 30.8 21.2 31.8
229 20.0 15.6 23.4

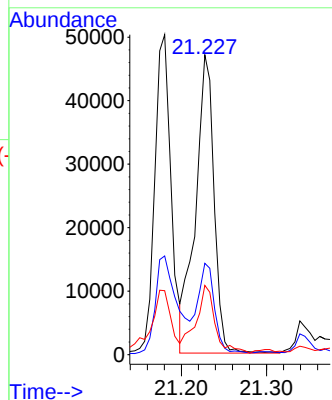




#83
Chrysene
Concen: 12.69 ng m
RT: 21.227 min Scan# 3084
Delta R.T. -0.000 min
Lab File: BP005528.D
Acq: 13 May 2021 20:01



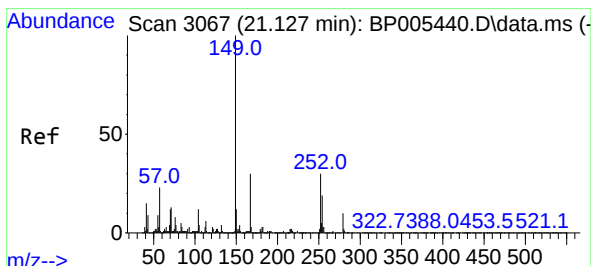
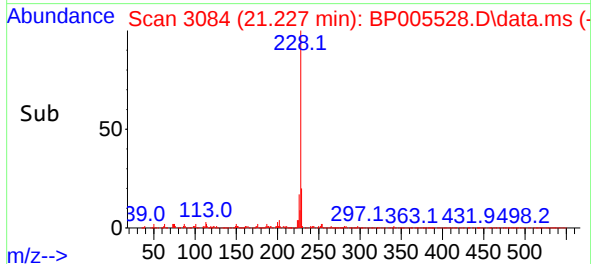
Tgt Ion: 228 Resp: 71290
Ion Ratio Lower Upper
228 100
226 30.5 24.8 37.2
229 23.1 15.4 23.0#



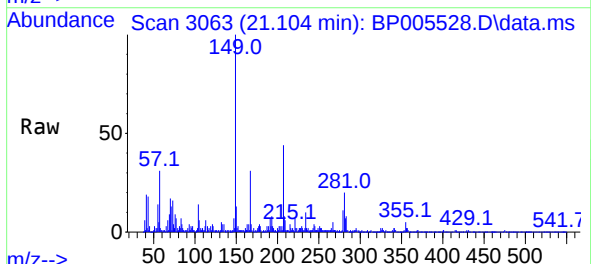
Instrument :
BNA_P
ClientSampleId :
RO-365

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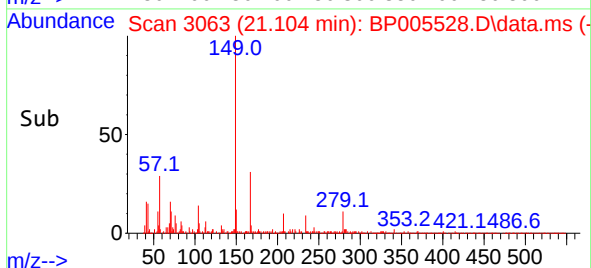
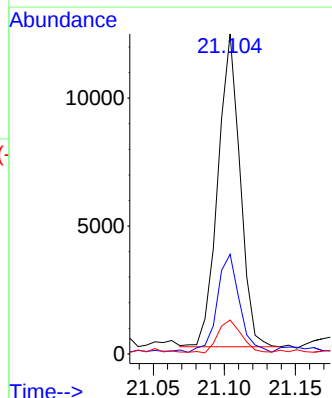
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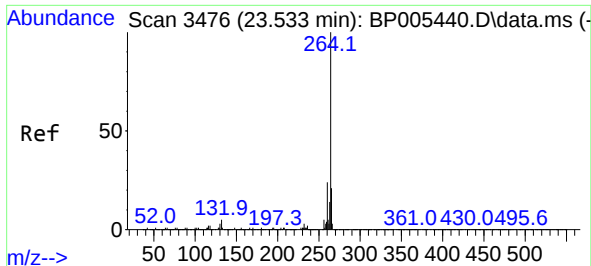


#84
Bis(2-ethylhexyl)phthalate
Concen: 5.29 ng
RT: 21.104 min Scan# 3063
Delta R.T. -0.000 min
Lab File: BP005528.D
Acq: 13 May 2021 20:01



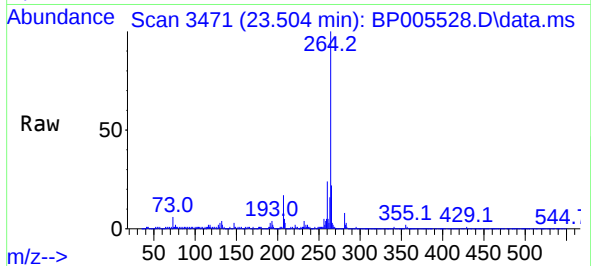
Tgt Ion: 149 Resp: 13247
Ion Ratio Lower Upper
149 100
167 31.1 23.8 35.8
279 10.6 5.7 8.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.504 min Scan# 3471
Delta R.T. -0.000 min
Lab File: BP005528.D
Acq: 13 May 2021 20:01

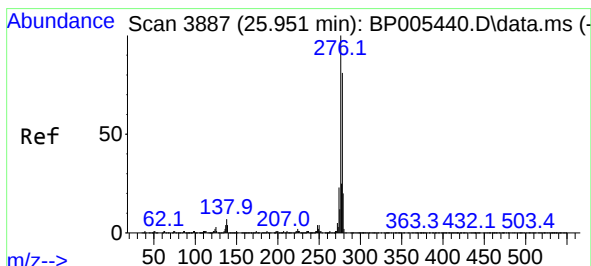
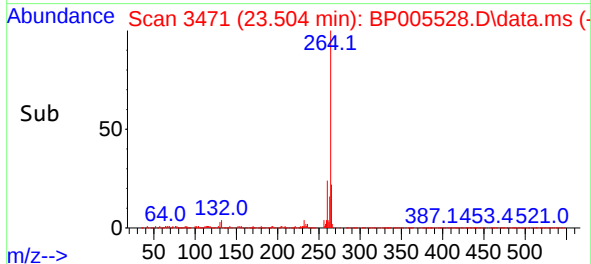
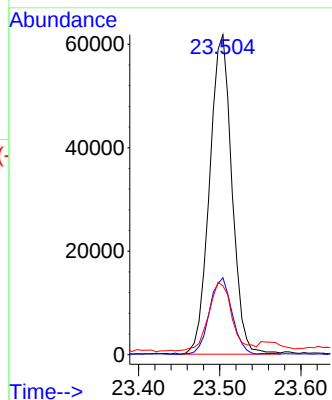
Instrument :
BNA_P
ClientSampled :
RO-365



Tgt Ion: 264 Resp: 118070
Ion Ratio Lower Upper
264 100
260 24.0 20.6 30.8
265 21.5 19.0 28.6

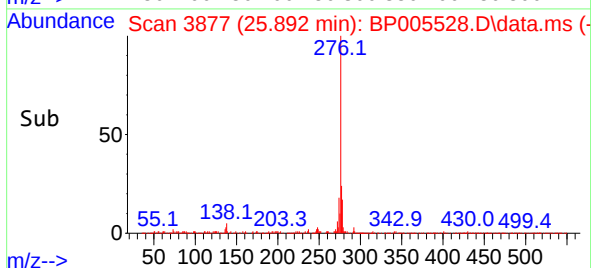
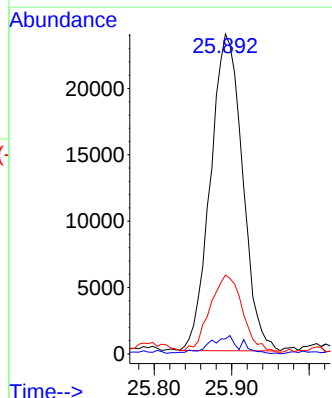
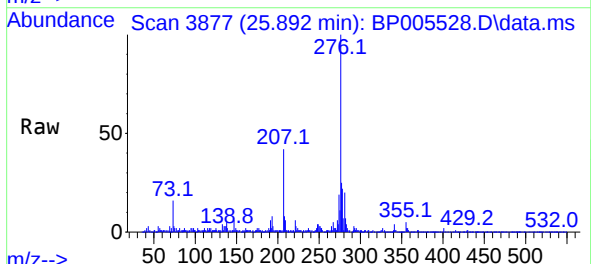
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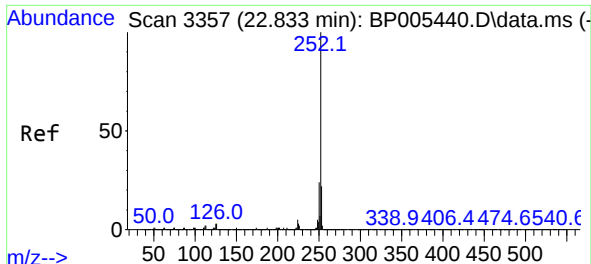
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#87
Indeno(1,2,3-cd)pyrene
Concen: 6.92 ng
RT: 25.892 min Scan# 3877
Delta R.T. -0.012 min
Lab File: BP005528.D
Acq: 13 May 2021 20:01

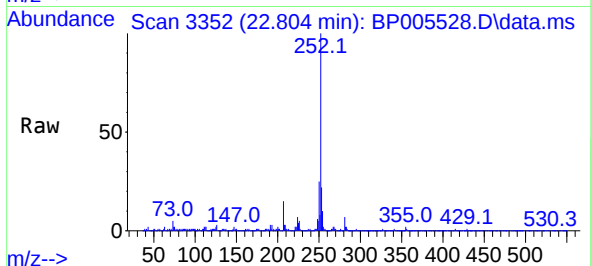
Tgt Ion: 276 Resp: 68704
Ion Ratio Lower Upper
276 100
138 3.8 8.4 12.6#
277 25.0 20.6 31.0





#88
Benzo(b)fluoranthene
Concen: 20.22 ng
RT: 22.804 min Scan# 3352
Delta R.T. 0.006 min
Lab File: BP005528.D
Acq: 13 May 2021 20:01

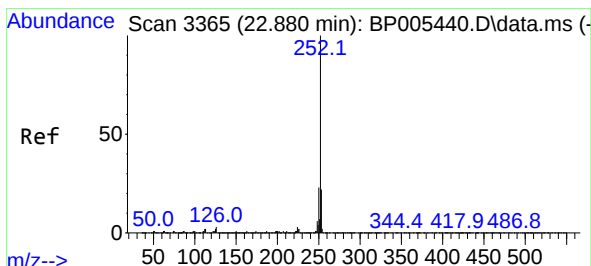
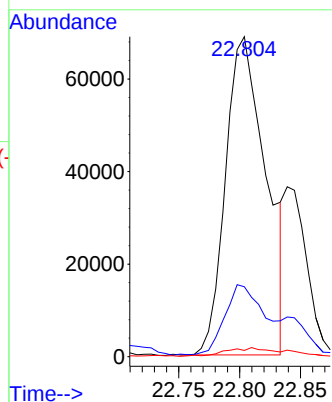
Instrument :
BNA_P
ClientSampled :
RO-365



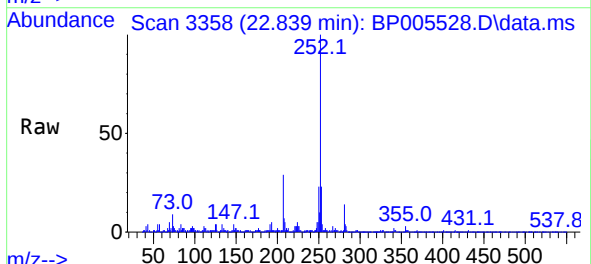
Tgt Ion:252 Resp: 159102
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 1.9 3.4 5.0#

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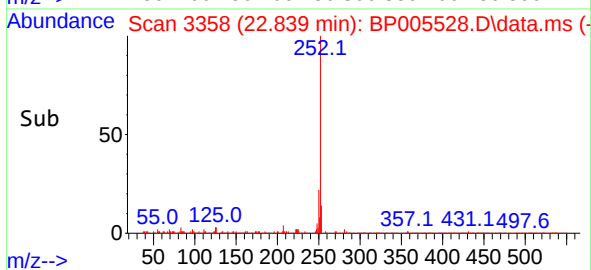
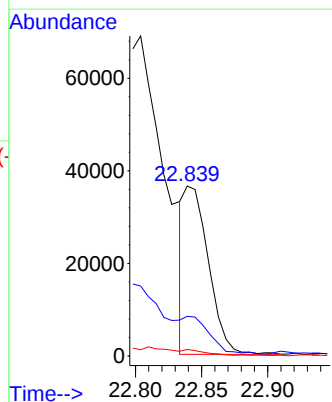
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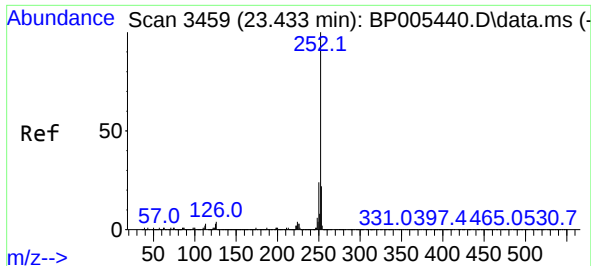


#89
Benzo(k)fluoranthene
Concen: 6.03 ng m
RT: 22.839 min Scan# 3358
Delta R.T. -0.006 min
Lab File: BP005528.D
Acq: 13 May 2021 20:01



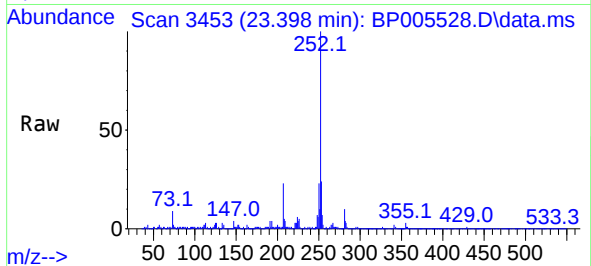
Tgt Ion:252 Resp: 46382
Ion Ratio Lower Upper
252 100
253 23.4 17.2 25.8
125 3.9 3.8 5.6





#90
Benzo(a)pyrene
Concen: 11.95 ng m
RT: 23.398 min Scan# 3453
Delta R.T. -0.000 min
Lab File: BP005528.D
Acq: 13 May 2021 20:01

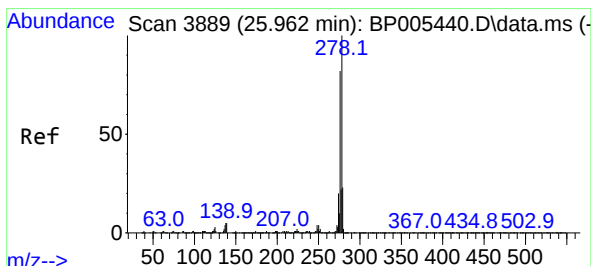
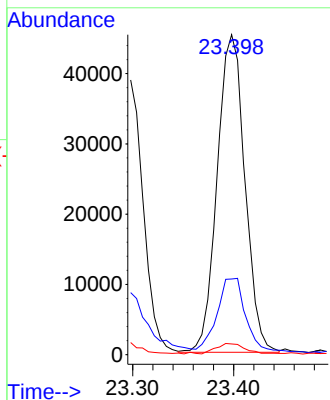
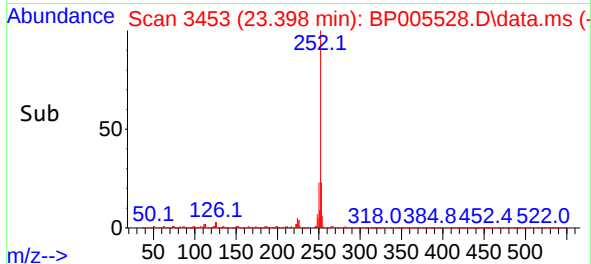
Instrument :
BNA_P
ClientSampled :
RO-365



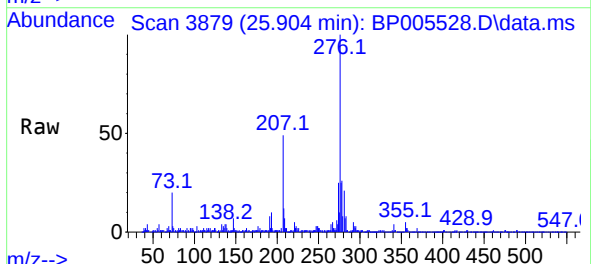
Tgt Ion: 252 Resp: 86175
Ion Ratio Lower Upper
252 100
253 23.7 17.1 25.7
125 3.4 3.8 5.6#

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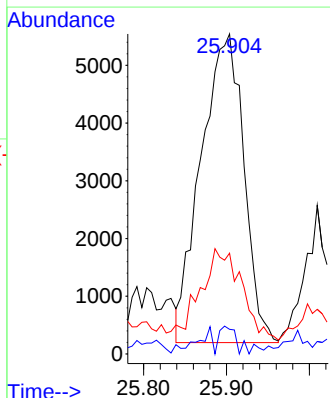
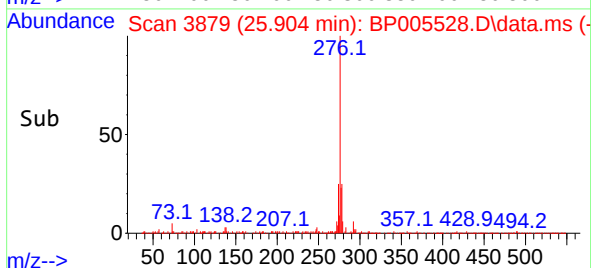
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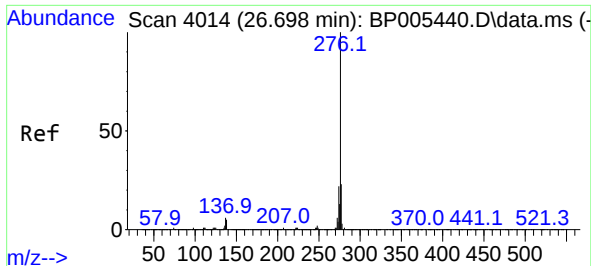


#91
Dibenzo(a,h)anthracene
Concen: 2.19 ng m
RT: 25.904 min Scan# 3879
Delta R.T. -0.012 min
Lab File: BP005528.D
Acq: 13 May 2021 20:01

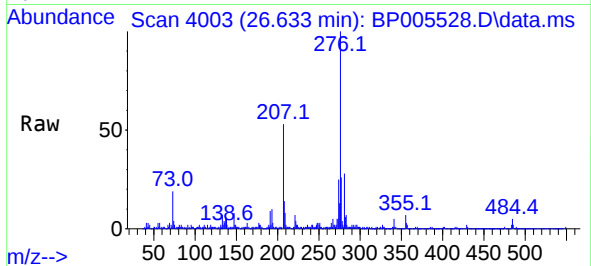


Tgt Ion: 278 Resp: 19156
Ion Ratio Lower Upper
278 100
139 7.7 5.0 7.6#
279 31.5 18.6 28.0#

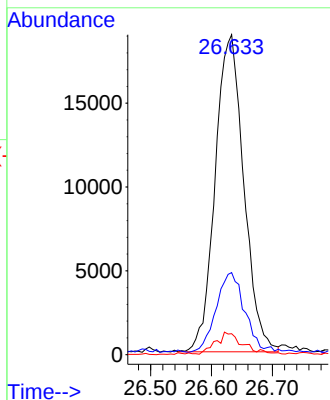
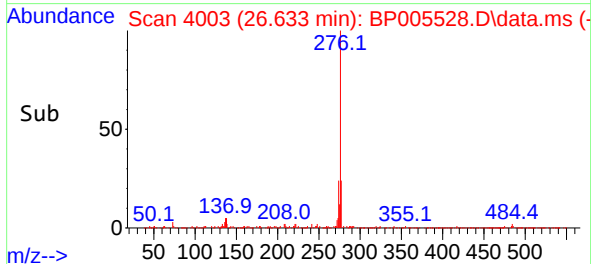




#92
Benzo(g,h,i)perylene
Concen: 7.61 ng
RT: 26.633 min Scan# 4003
Delta R.T. -0.006 min
Lab File: BP005528.D
Acq: 13 May 2021 20:01



Tgt Ion: 276 Resp: 61734
Ion Ratio Lower Upper
276 100
277 25.6 19.8 29.8
138 6.6 7.7 11.5#



Instrument :
BNA_P
ClientSampleId :
RO-365

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