

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051221\
 Data File : BP005520.D
 Acq On : 13 May 2021 00:11
 Operator : CG/JU
 Sample : M2356-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-051121

Manual Integrations
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Quant Time: May 13 03:29:27 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	19268	20.00	ng	-0.01
21) Naphthalene-d8	10.481	136	54527	20.00	ng	#-0.01
39) Acenaphthene-d10	14.340	164	39378	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	95022	20.00	ng	# 0.00
76) Chrysene-d12	21.192	240	114044	20.00	ng	# 0.00
86) Perylene-d12	23.504	264	150577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	22309	22.22	ng	0.00
7) Phenol-d6	6.887	99	19038	15.21	ng	0.00
23) Nitrobenzene-d5	8.863	82	14667	10.59	ng	0.00
42) 2,4,6-Tribromophenol	15.840	330	12220	10.94	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	32107	9.20	ng	-0.01
79) Terphenyl-d14	19.663	244	63451	9.45	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.139	178	21181	3.92	ng	98
75) Fluoranthene	19.116	202	47426	6.39	ng	95
78) Pyrene	19.469	202	41006	6.35	ng	98
81) Benzo(a)anthracene	21.175	228	28292	3.83	ng	96
83) Chrysene	21.227	228	25275m	3.53	ng	
88) Benzo(b)fluoranthene	22.804	252	39182	3.90	ng	# 93
90) Benzo(a)pyrene	23.398	252	27419	2.98	ng	# 89

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

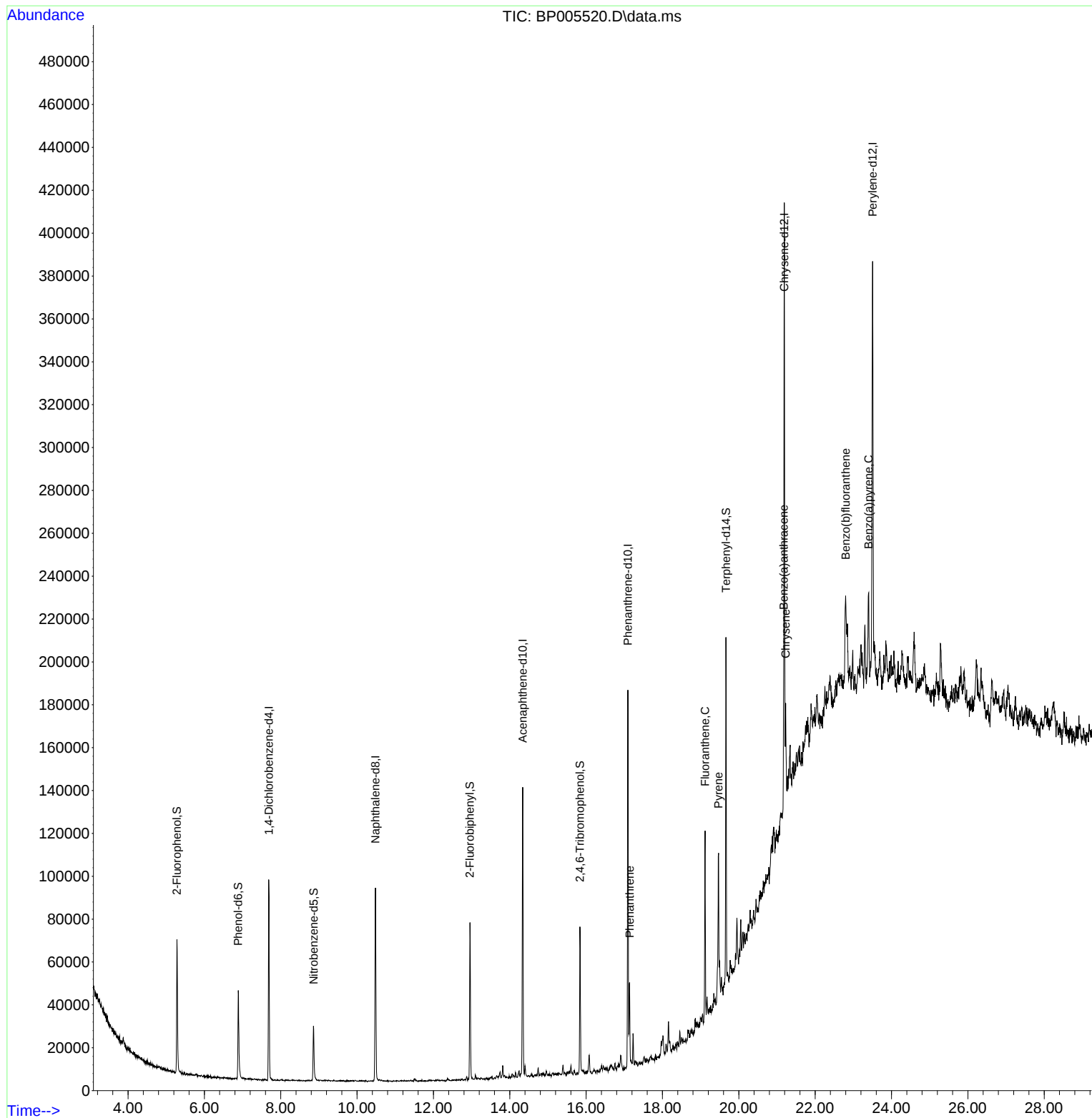
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Data File : BP005520.D
Acq On : 13 May 2021 00:11
Operator : CG/JU
Sample : M2356-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

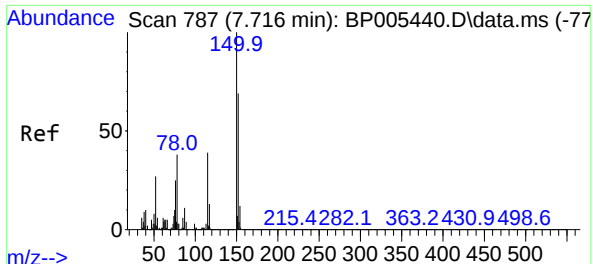
Instrument :
BNA_P
ClientSampleId :
OR-03-051121

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Quant Time: May 13 03:29:27 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





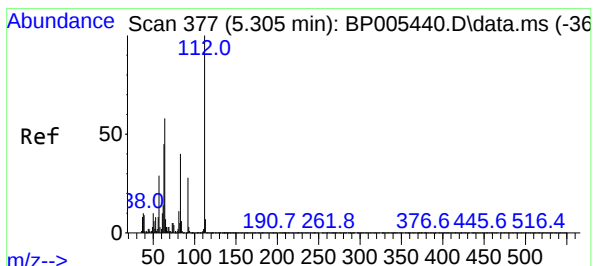
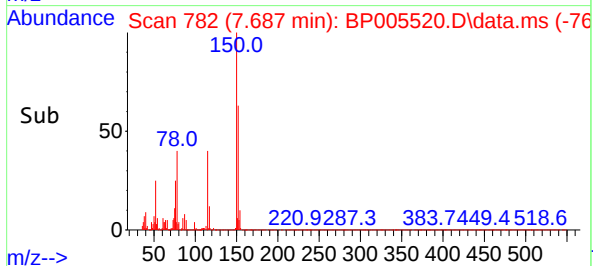
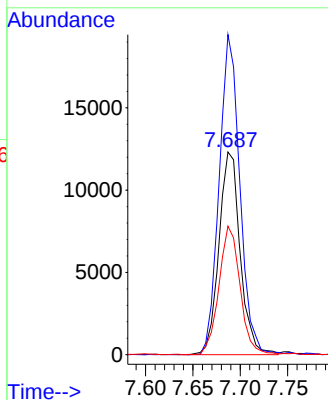
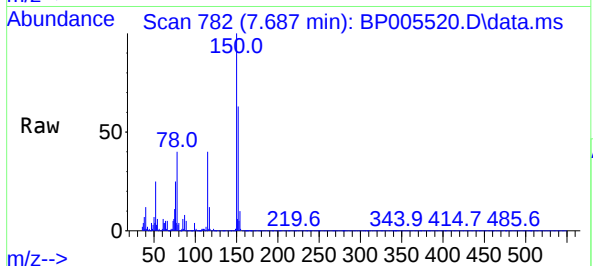
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.012 min
Lab File: BP005520.D
Acq: 13 May 2021 00:11

Tgt Ion:152 Resp: 19268
Ion Ratio Lower Upper
152 100
150 157.8 119.8 179.8
115 63.4 49.0 73.4

Instrument :
BNA_P
ClientSampleId :
OR-03-051121

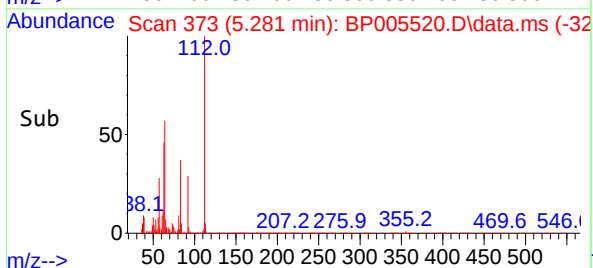
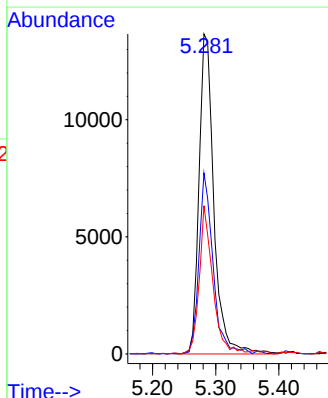
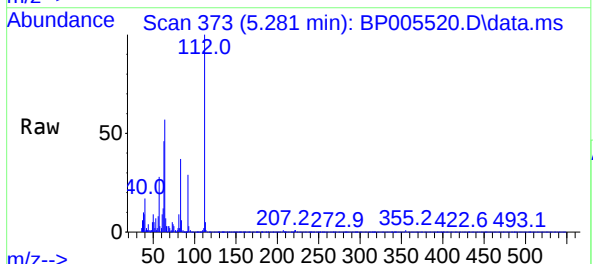
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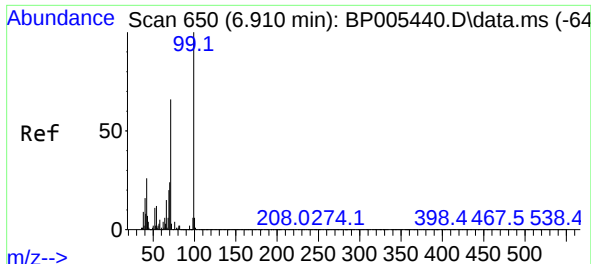
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#5
2-Fluorophenol
Concen: 22.22 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP005520.D
Acq: 13 May 2021 00:11

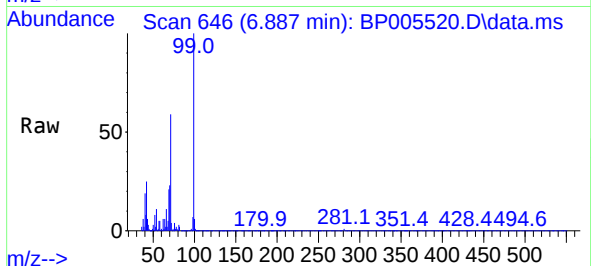
Tgt Ion:112 Resp: 22309
Ion Ratio Lower Upper
112 100
64 56.6 33.6 50.4#
63 46.4 18.6 27.8#





#7
Phenol-d6
Concen: 15.21 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005520.D
Acq: 13 May 2021 00:11

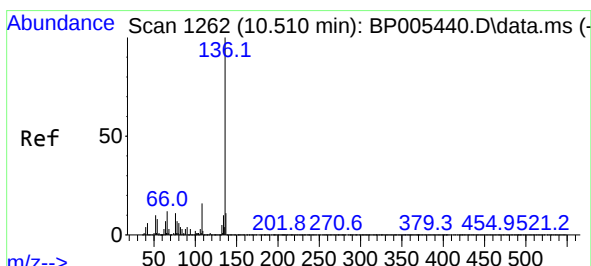
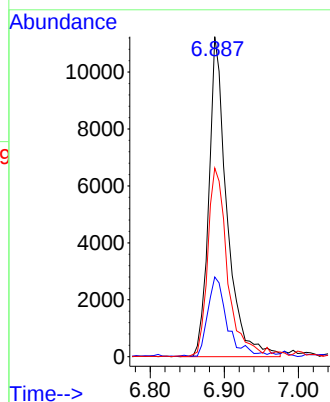
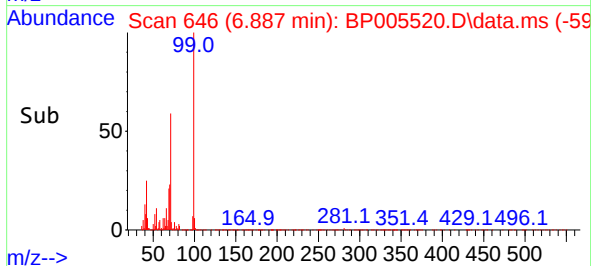
Instrument :
BNA_P
ClientSampleId :
OR-03-051121



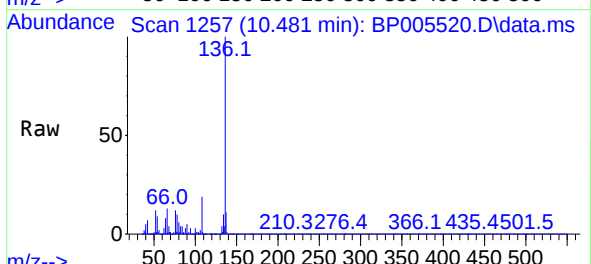
Tgt Ion: 99 Resp: 19038
Ion Ratio Lower Upper
99 100
42 24.9 12.9 19.3#
71 59.0 26.7 40.1#

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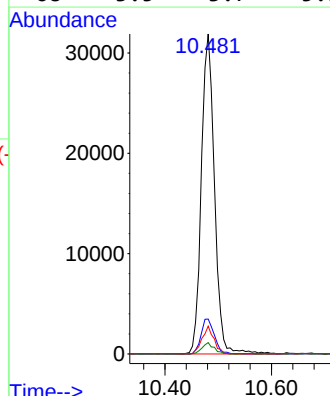
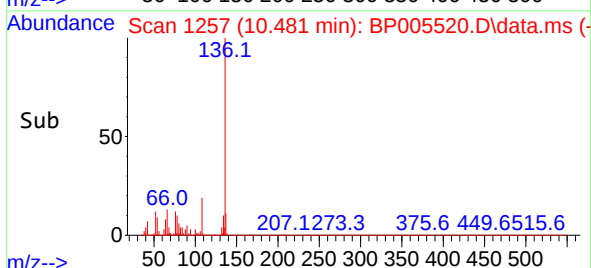
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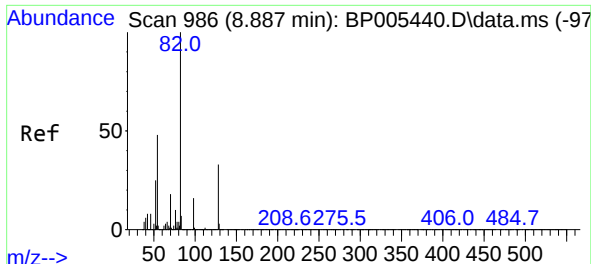


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP005520.D
Acq: 13 May 2021 00:11



Tgt Ion: 136 Resp: 54527
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.7 5.0 7.4#
68 3.5 3.7 5.5#





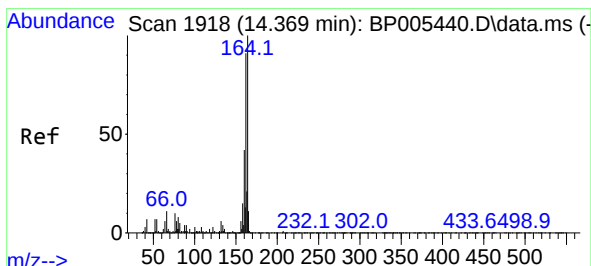
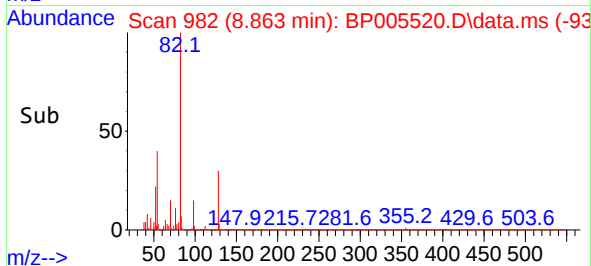
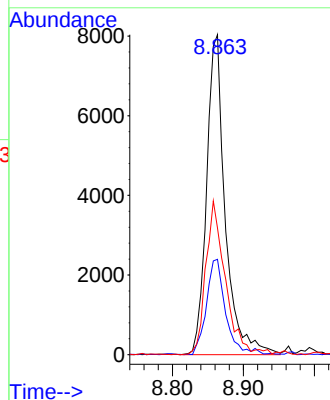
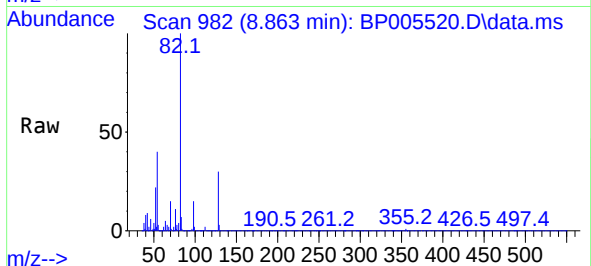
#23
Nitrobenzene-d5
Concen: 10.59 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.000 min
Lab File: BP005520.D
Acq: 13 May 2021 00:11

Tgt Ion: 82 Resp: 14667
Ion Ratio Lower Upper
82 100
128 29.8 30.5 45.7#
54 39.6 33.9 50.9

Instrument :
BNA_P
ClientSampleId :
OR-03-051121

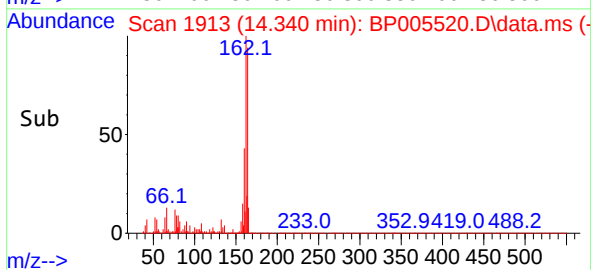
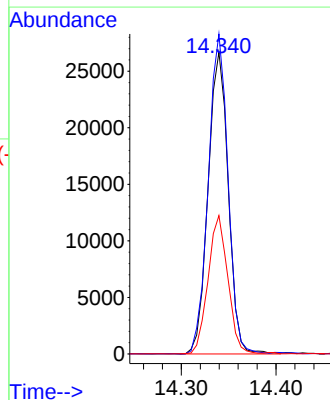
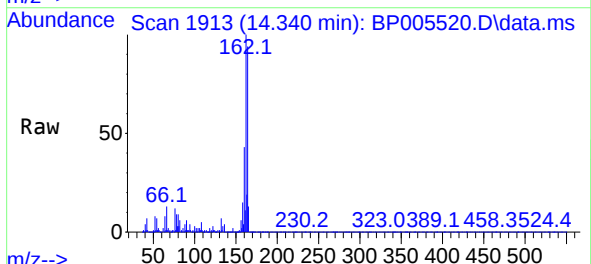
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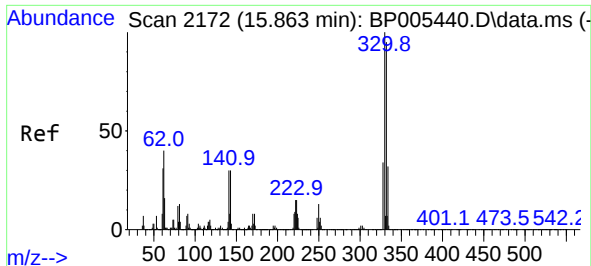
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.340 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP005520.D
Acq: 13 May 2021 00:11

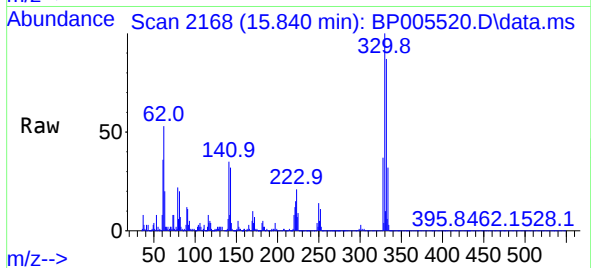
Tgt Ion: 164 Resp: 39378
Ion Ratio Lower Upper
164 100
162 106.0 73.5 110.3
160 45.9 40.6 61.0





#42
2,4,6-Tribromophenol
Concen: 10.94 ng
RT: 15.840 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP005520.D
Acq: 13 May 2021 00:11

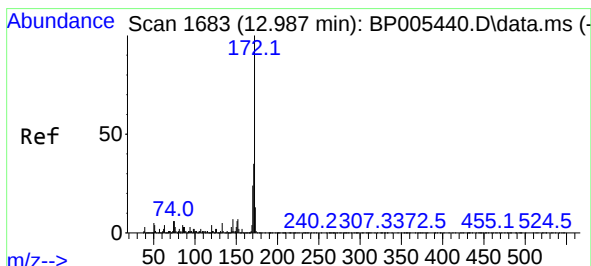
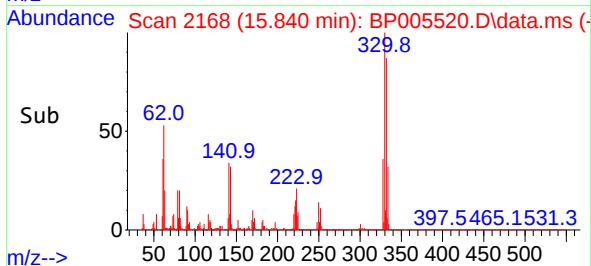
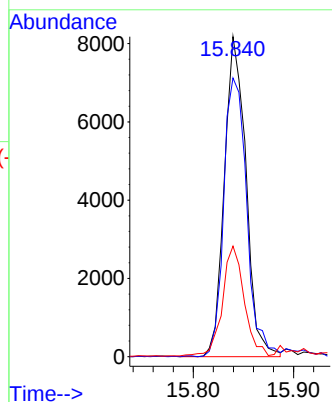
Instrument :
BNA_P
ClientSampled :
OR-03-051121



Tgt Ion:330 Resp: 12220
Ion Ratio Lower Upper
330 100
332 92.7 76.3 114.5
141 34.8 22.8 34.2#

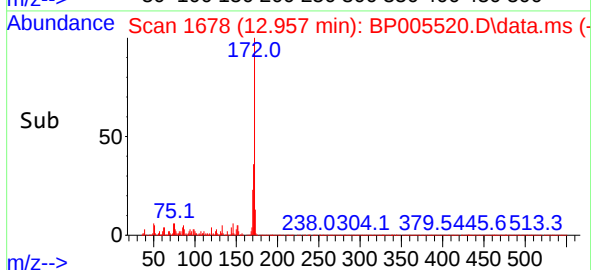
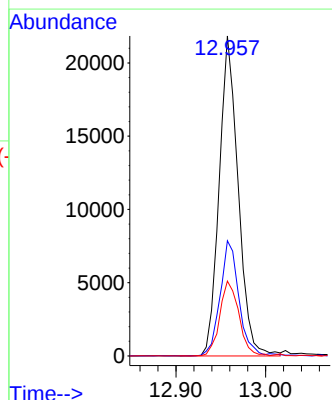
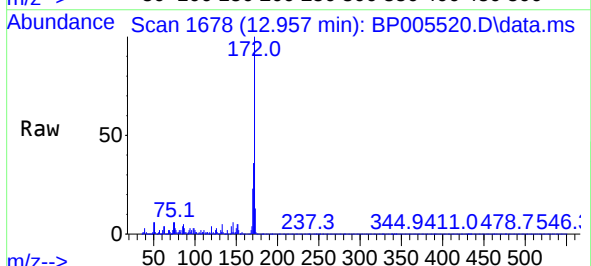
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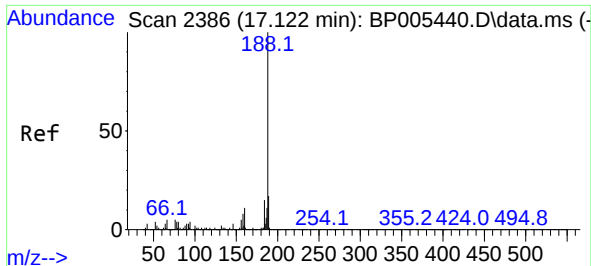
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#45
2-Fluorobiphenyl
Concen: 9.20 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BP005520.D
Acq: 13 May 2021 00:11

Tgt Ion:172 Resp: 32107
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 23.4 19.6 29.4





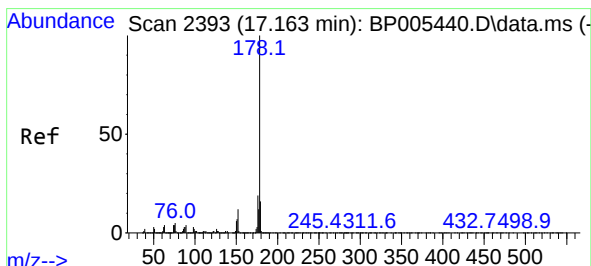
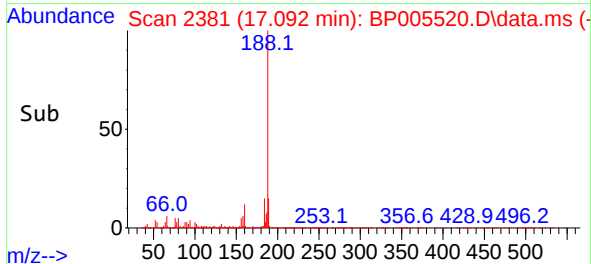
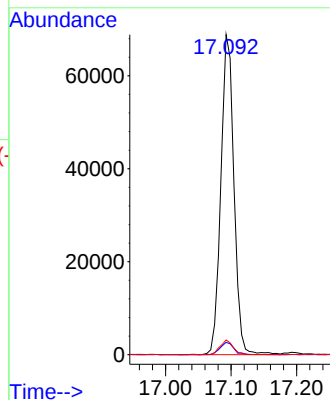
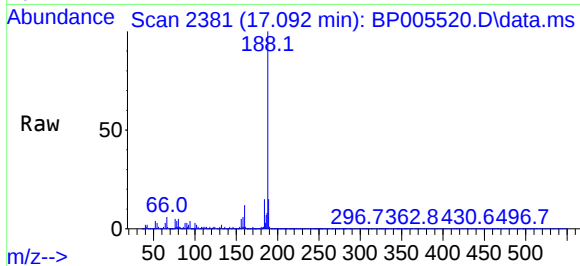
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP005520.D
Acq: 13 May 2021 00:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	3.9	5.0	7.6#
80	4.6	5.9	8.9#

Instrument :
BNA_P
ClientSampleId :
OR-03-051121

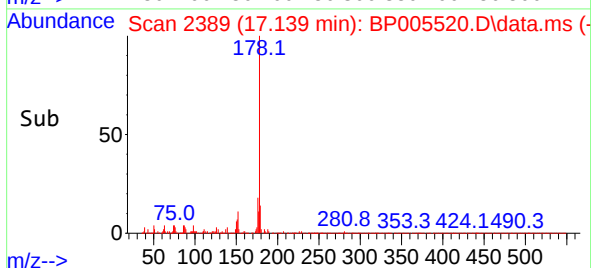
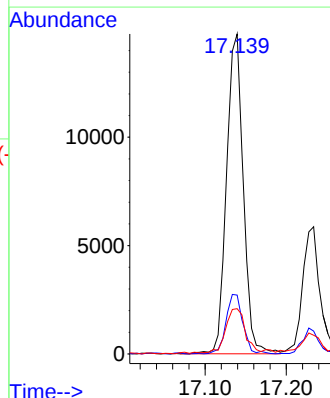
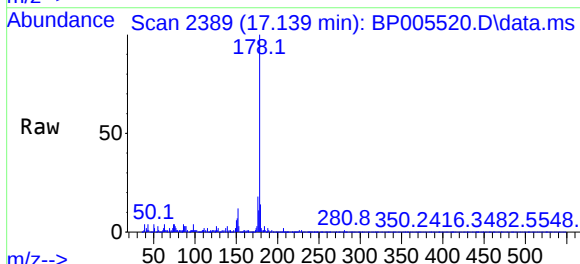
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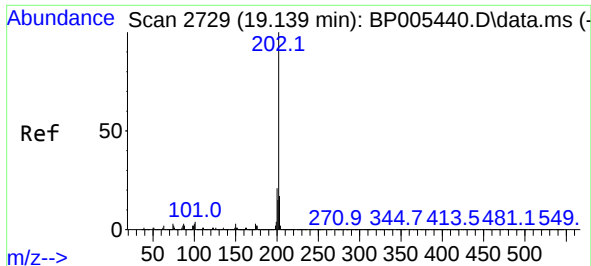
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#71
Phenanthrene
Concen: 3.92 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.000 min
Lab File: BP005520.D
Acq: 13 May 2021 00:11

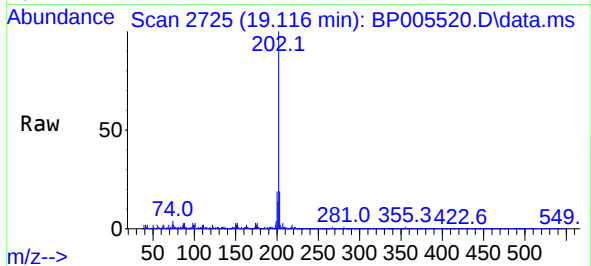
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	14.2	12.3	18.5





#75
Fluoranthene
Concen: 6.39 ng
RT: 19.116 min Scan# 2725
Delta R.T. -0.000 min
Lab File: BP005520.D
Acq: 13 May 2021 00:11

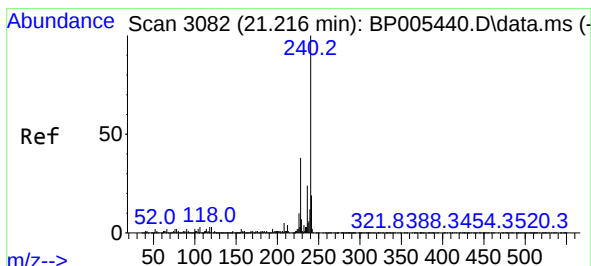
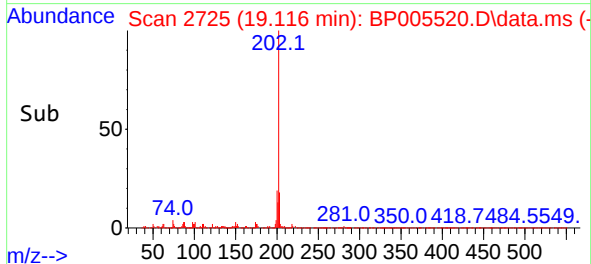
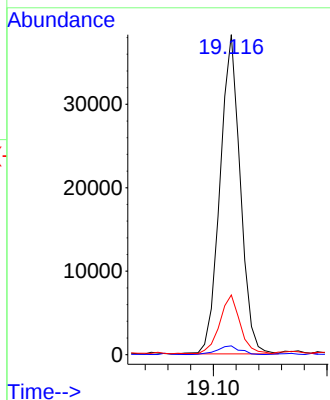
Instrument :
BNA_P
ClientSampleId :
OR-03-051121



Tgt Ion:202 Resp: 47426
Ion Ratio Lower Upper
202 100
101 2.8 0.0 26.1
203 18.7 0.0 37.2

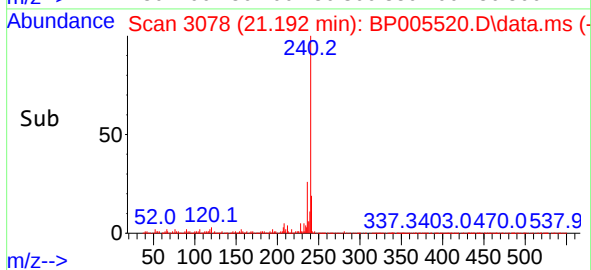
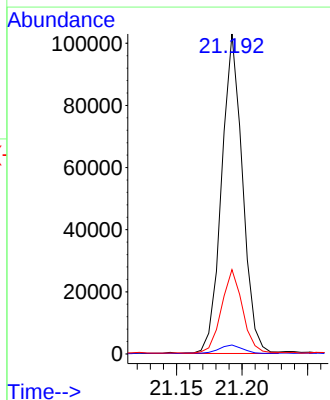
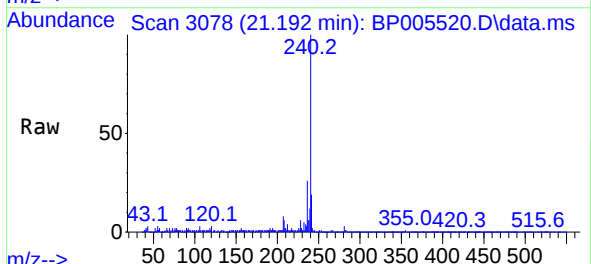
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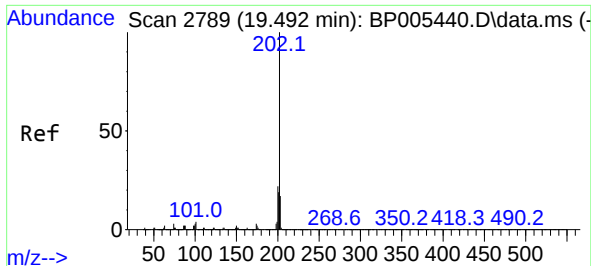
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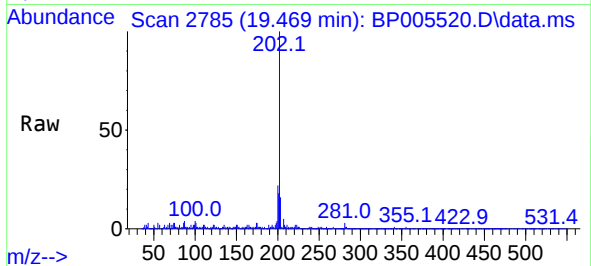
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. 0.000 min
Lab File: BP005520.D
Acq: 13 May 2021 00:11

Tgt Ion:240 Resp: 114044
Ion Ratio Lower Upper
240 100
120 2.8 4.2 6.2#
236 26.3 20.2 30.2

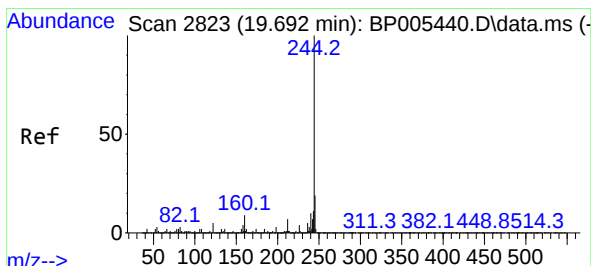
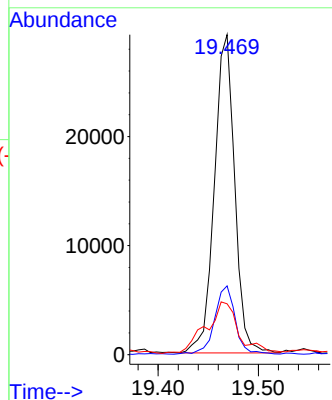
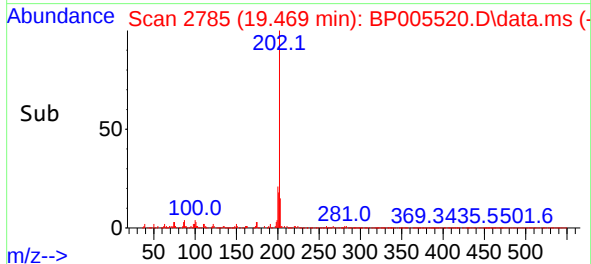




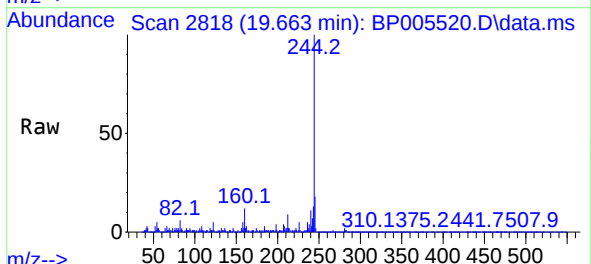
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Pyrene
Concen: 6.35 ng
RT: 19.469 min Scan# 2785
Delta R.T. -0.000 min
Lab File: BP005520.D
Acq: 13 May 2021 00:11



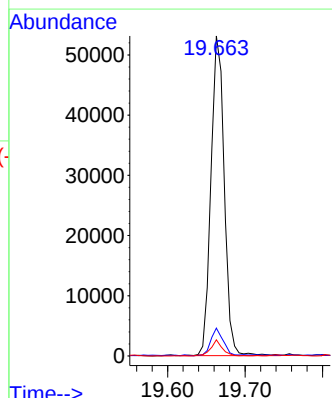
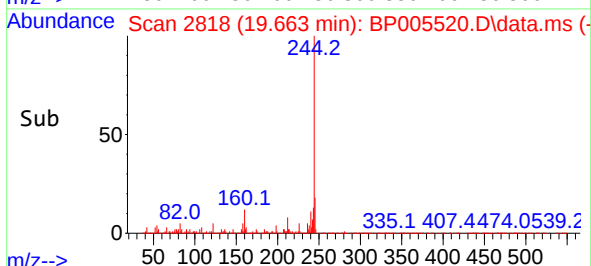
Tgt Ion:202 Resp: 41006
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 15.9 13.8 20.6



#79
Terphenyl-d14
Concen: 9.45 ng
RT: 19.663 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BP005520.D
Acq: 13 May 2021 00:11



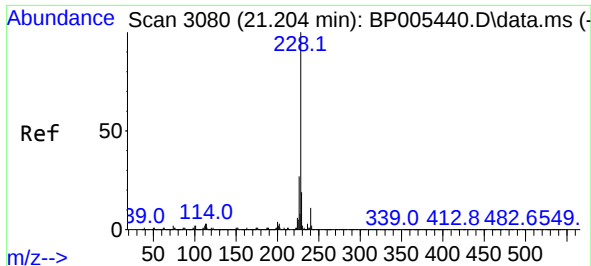
Tgt Ion:244 Resp: 63451
Ion Ratio Lower Upper
244 100
212 8.7 5.8 8.6#
122 5.1 5.2 7.8#



Instrument :
BNA_P
ClientSampleId :
OR-03-051121

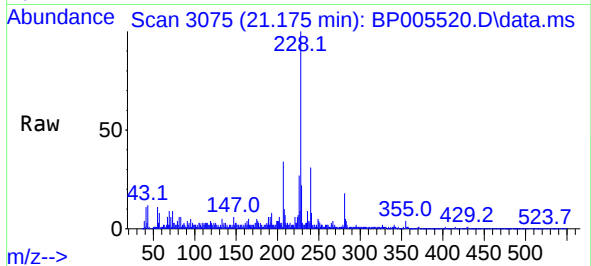
Manual Integrations
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#81
Benzo(a)anthracene
Concen: 3.83 ng
RT: 21.175 min Scan# 3075
Delta R.T. 0.000 min
Lab File: BP005520.D
Acq: 13 May 2021 00:11

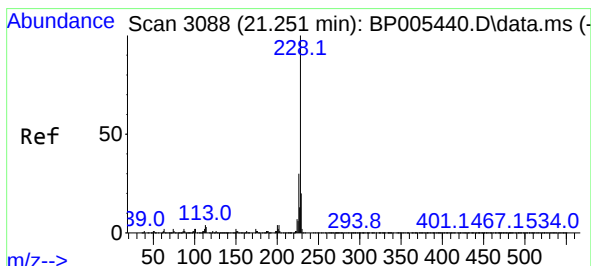
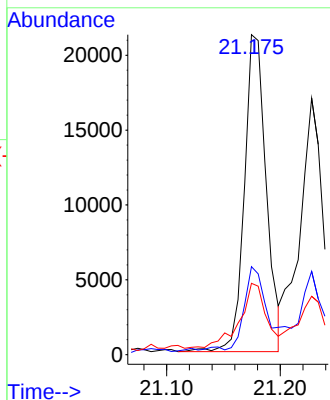
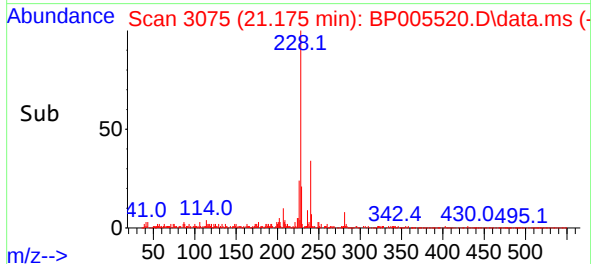
Instrument :
BNA_P
ClientSampled :
OR-03-051121



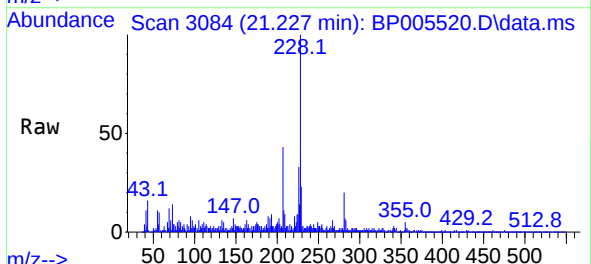
Tgt Ion:228 Resp: 28292
Ion Ratio Lower Upper
228 100
226 27.5 21.2 31.8
229 22.3 15.6 23.4

Manual Integrations
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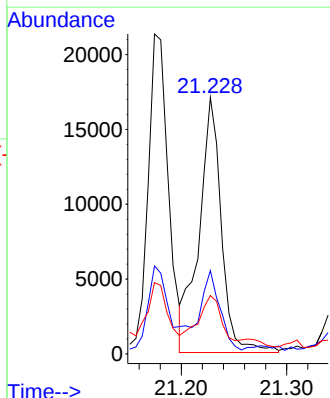
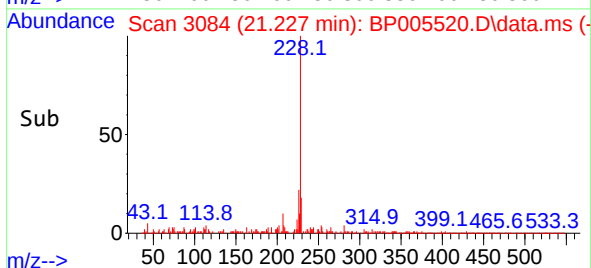
Sohil
5/13/2021 2:52:01 PM

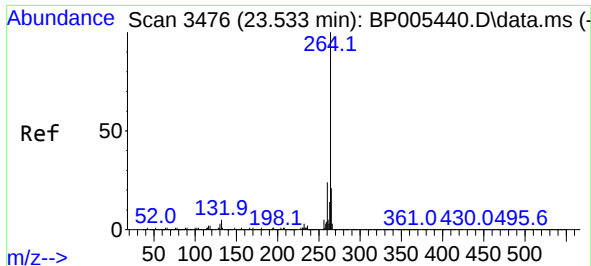


#83
Chrysene
Concen: 3.53 ng m
RT: 21.227 min Scan# 3084
Delta R.T. -0.000 min
Lab File: BP005520.D
Acq: 13 May 2021 00:11



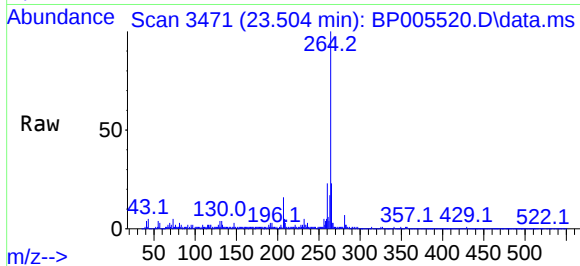
Tgt Ion:228 Resp: 25275
Ion Ratio Lower Upper
228 100
226 32.5 24.8 37.2
229 22.8 15.4 23.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.504 min Scan# 3471
Delta R.T. -0.000 min
Lab File: BP005520.D
Acq: 13 May 2021 00:11

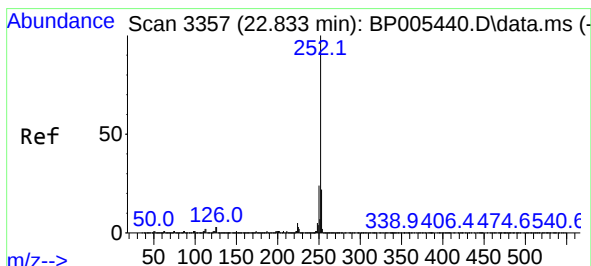
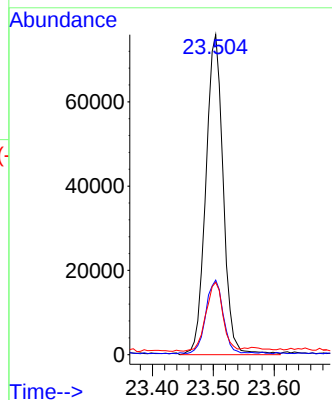
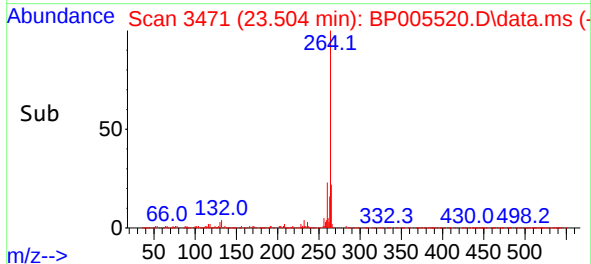
Instrument :
BNA_P
ClientSampleId :
OR-03-051121



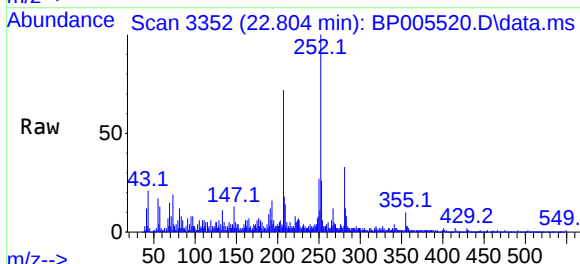
Tgt Ion:264 Resp: 150577
Ion Ratio Lower Upper
264 100
260 23.3 20.6 30.8
265 22.6 19.0 28.6

Manual Integrations
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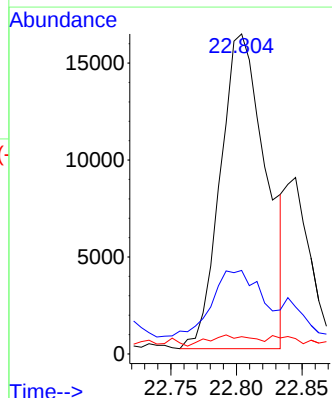
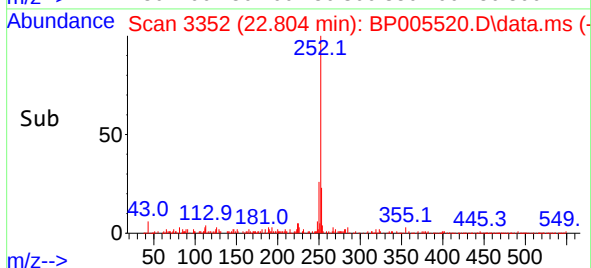
Sohil
5/13/2021 2:52:01 PM

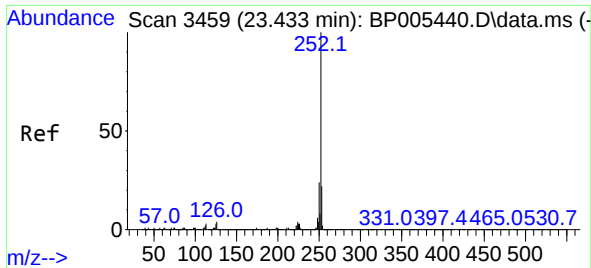


#88
Benzo(b)fluoranthene
Concen: 3.90 ng
RT: 22.804 min Scan# 3352
Delta R.T. 0.006 min
Lab File: BP005520.D
Acq: 13 May 2021 00:11



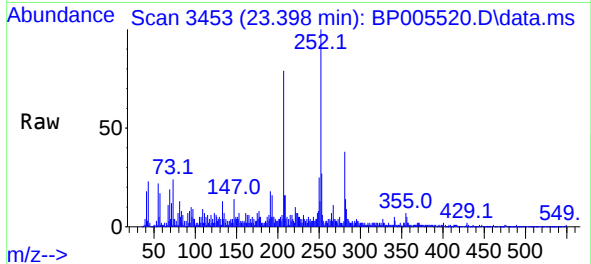
Tgt Ion:252 Resp: 39182
Ion Ratio Lower Upper
252 100
253 26.1 18.2 27.2
125 5.4 3.4 5.0#





#90
Benzo(a)pyrene
Concen: 2.98 ng
RT: 23.398 min Scan# 3453
Delta R.T. -0.000 min
Lab File: BP005520.D
Acq: 13 May 2021 00:11

Instrument :
BNA_P
ClientSampleId :
OR-03-051121



Tgt Ion:252 Resp: 27419
Ion Ratio Lower Upper
252 100
253 27.2 17.1 25.7#
125 6.4 3.8 5.6#

Manual Integrations
APPROVED

Sohil
5/13/2021 2:52:01 PM

