

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
 Data File : BP005532.D
 Acq On : 13 May 2021 22:16
 Operator : CG/JU
 Sample : M2361-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-051121

Manual Integrations
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Quant Time: May 14 02:14:36 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	19292	20.00	ng	-0.01
21) Naphthalene-d8	10.481	136	64080	20.00	ng	-0.01
39) Acenaphthene-d10	14.334	164	51986	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	125716	20.00	ng	# 0.00
76) Chrysene-d12	21.192	240	122850	20.00	ng	# 0.00
86) Perylene-d12	23.504	264	138586	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	52088	51.82	ng	0.00
7) Phenol-d6	6.887	99	60242	48.06	ng	0.00
23) Nitrobenzene-d5	8.858	82	52127	32.02	ng	0.00
42) 2,4,6-Tribromophenol	15.840	330	73676	49.94	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	137117	29.75	ng	-0.01
79) Terphenyl-d14	19.669	244	285103	39.41	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.134	178	24706	3.46	ng	99
75) Fluoranthene	19.110	202	42808	4.36	ng	95
78) Pyrene	19.469	202	43103	6.20	ng	97
81) Benzo(a)anthracene	21.180	228	20815	2.61	ng	93
83) Chrysene	21.227	228	20156m	2.61	ng	
88) Benzo(b)fluoranthene	22.798	252	31220	3.38	ng	# 84
90) Benzo(a)pyrene	23.398	252	22347	2.64	ng	# 92

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

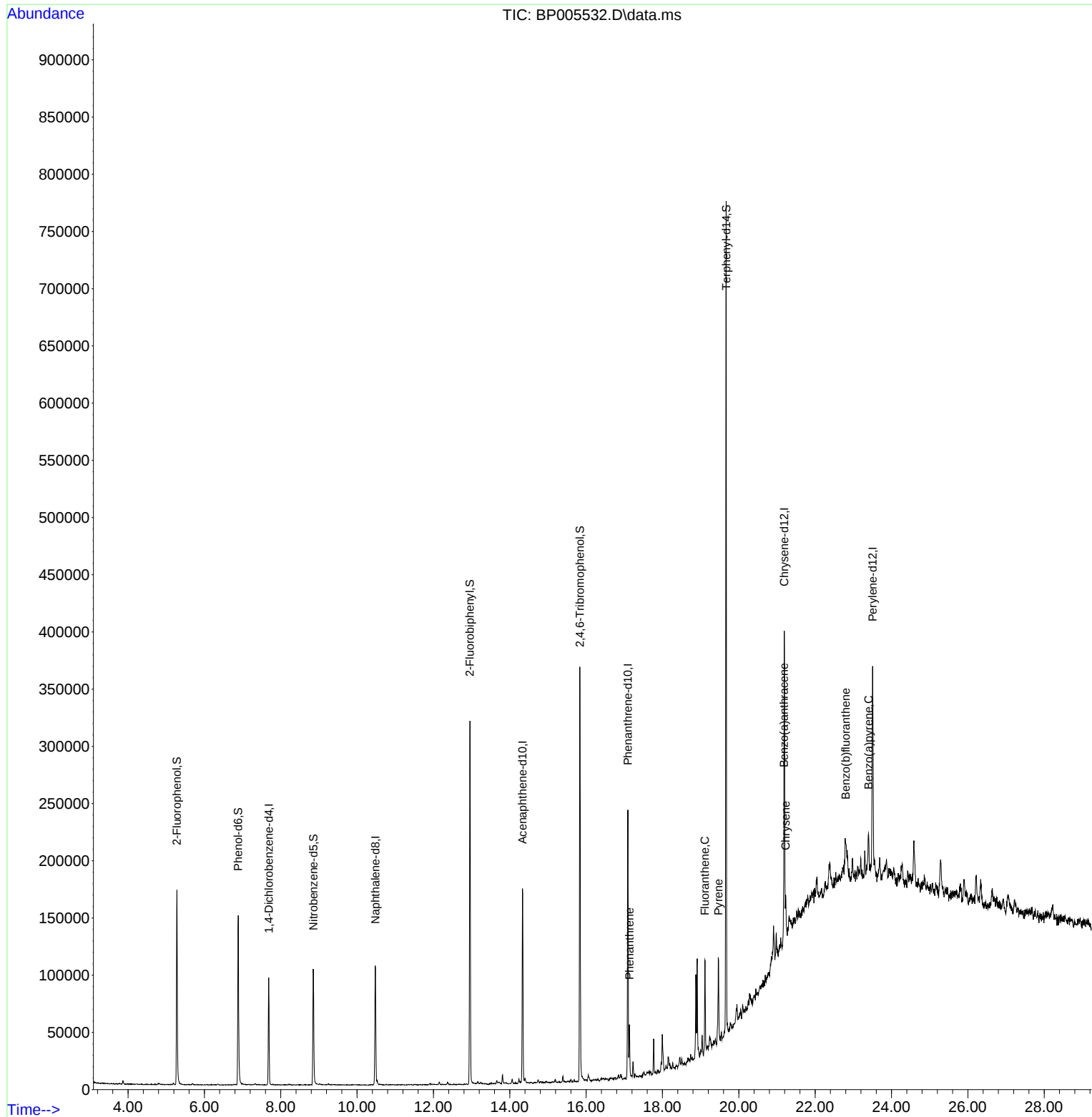
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Data File : BP005532.D
Acq On : 13 May 2021 22:16
Operator : CG/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

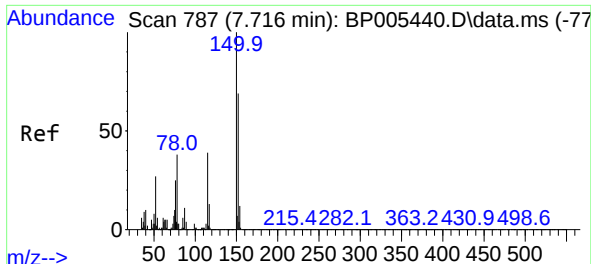
Instrument :
BNA_P
ClientSampleId :
CL-02-051121

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Quant Time: May 14 02:14:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
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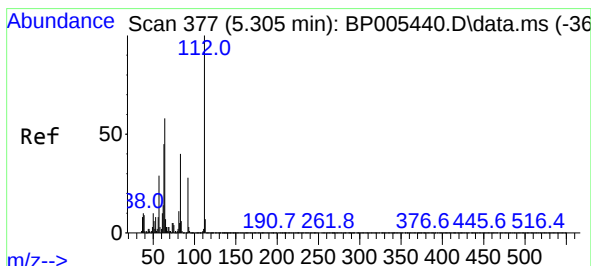
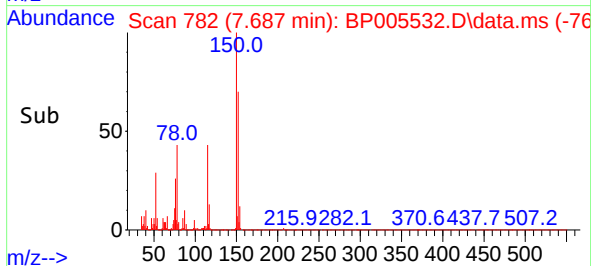
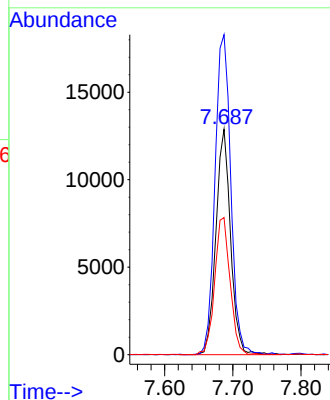
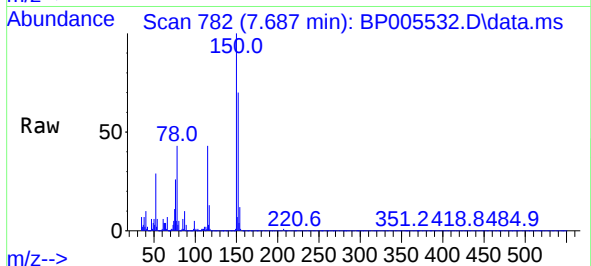
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.012 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

Tgt Ion:152 Resp: 19292
Ion Ratio Lower Upper
152 100
150 142.0 119.8 179.8
115 60.9 49.0 73.4

Instrument :
BNA_P
ClientSampleId :
CL-02-051121

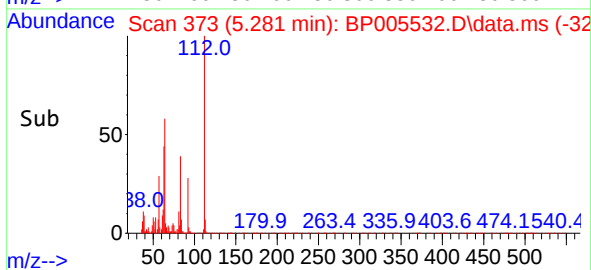
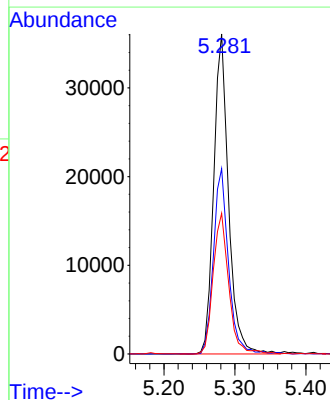
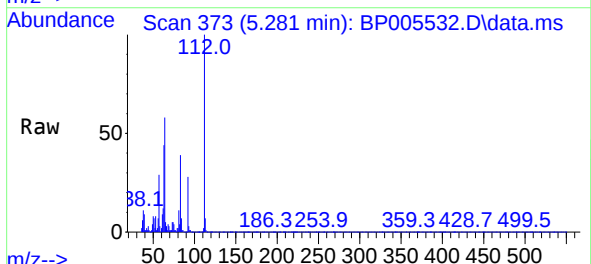
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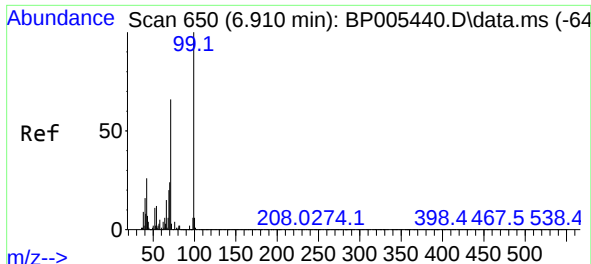
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#5
2-Fluorophenol
Concen: 51.82 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

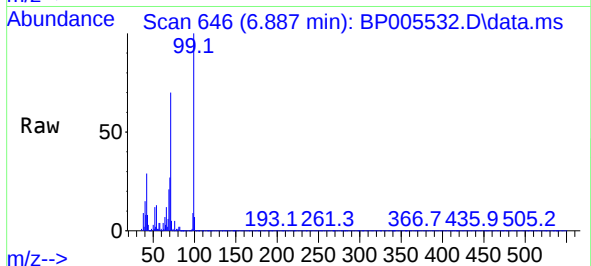
Tgt Ion:112 Resp: 52088
Ion Ratio Lower Upper
112 100
64 57.9 33.6 50.4#
63 43.9 18.6 27.8#





#7
Phenol-d6
Concen: 48.06 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

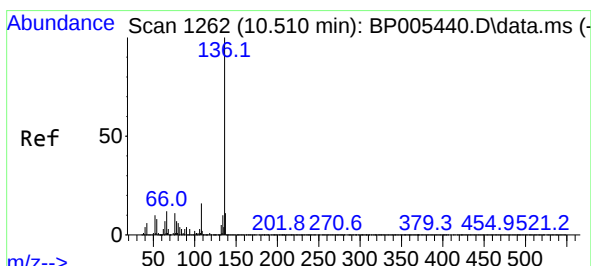
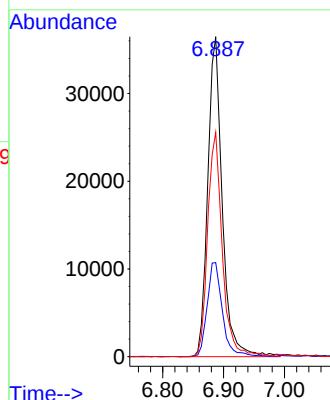
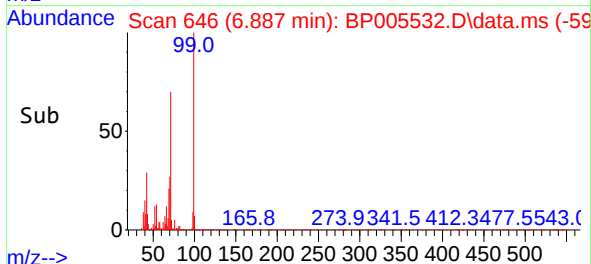
Instrument :
BNA_P
ClientSampleId :
CL-02-051121



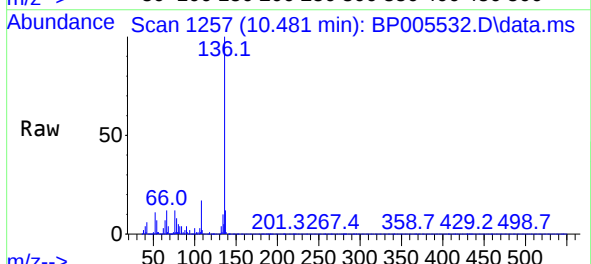
Tgt Ion: 99 Resp: 60242
Ion Ratio Lower Upper
99 100
42 29.4 12.9 19.3#
71 70.1 26.7 40.1#

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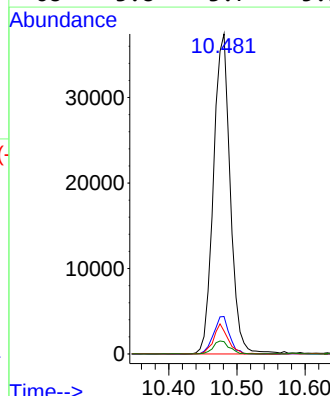
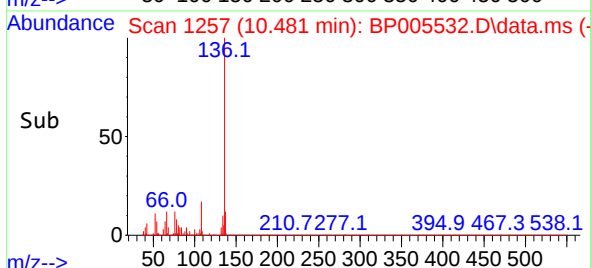
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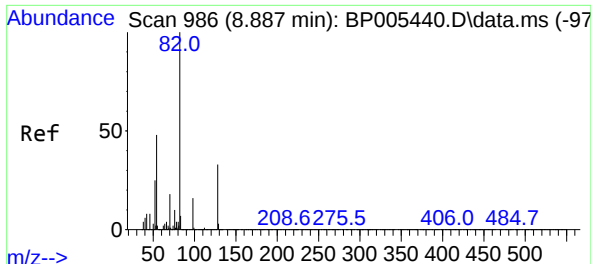


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16



Tgt Ion: 136 Resp: 64080
Ion Ratio Lower Upper
136 100
137 11.7 8.9 13.3
54 7.2 5.0 7.4
68 3.8 3.7 5.5





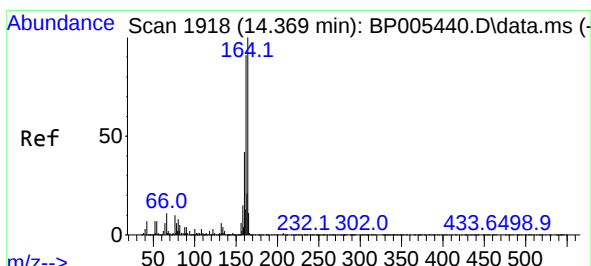
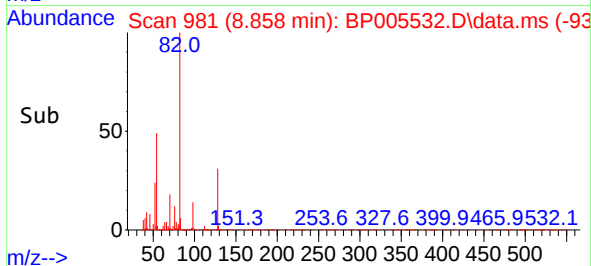
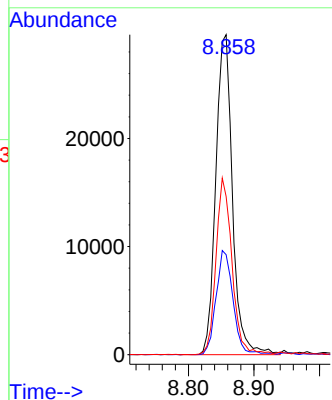
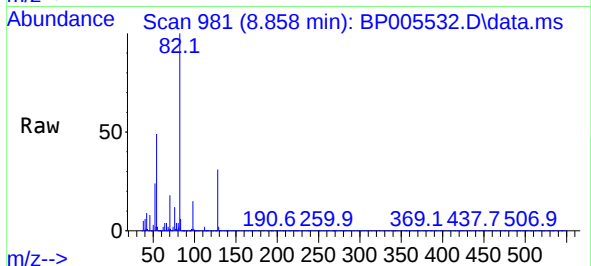
#23
Nitrobenzene-d5
Concen: 32.02 ng
RT: 8.858 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

Tgt Ion:	82	Resp:	52127
Ion Ratio	Lower	Upper	
82	100		
128	31.2	30.5	45.7
54	49.5	33.9	50.9

Instrument :
BNA_P
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CL-02-051121

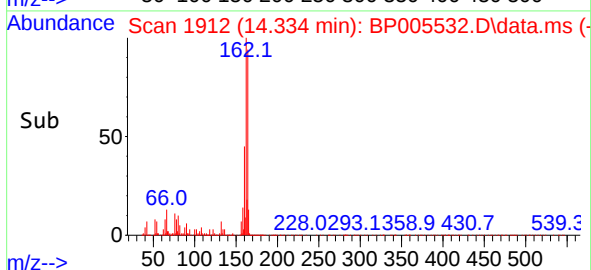
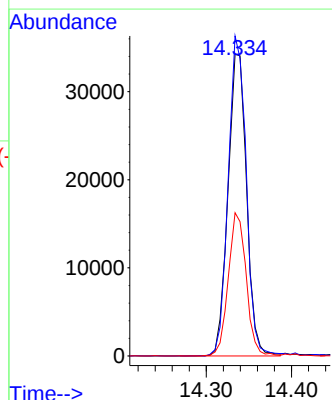
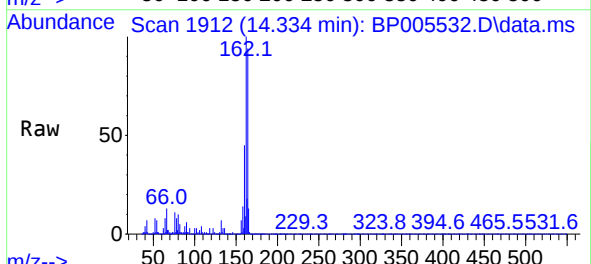
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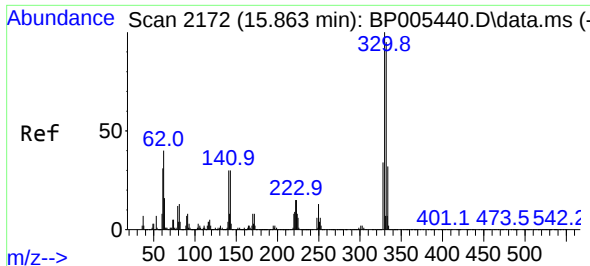
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

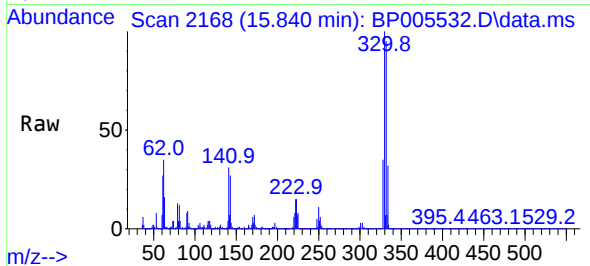
Tgt Ion:	164	Resp:	51986
Ion Ratio	Lower	Upper	
164	100		
162	106.0	73.5	110.3
160	47.5	40.6	61.0





#42
2,4,6-Tribromophenol
Concen: 49.94 ng
RT: 15.840 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

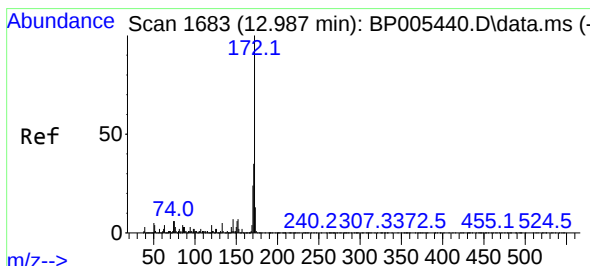
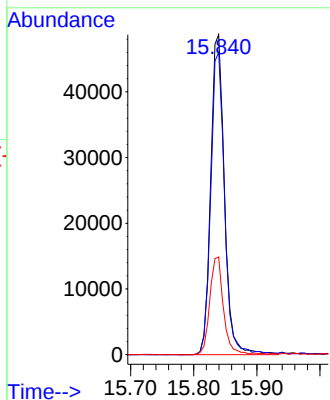
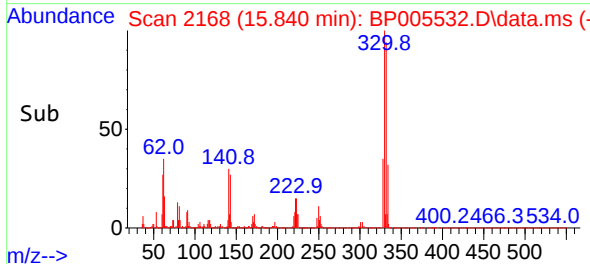
Instrument :
BNA_P
ClientSampleId :
CL-02-051121



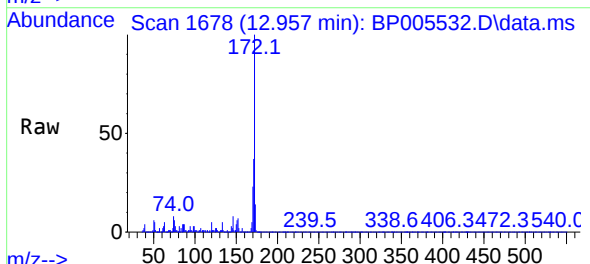
Tgt Ion:330 Resp: 73676
Ion Ratio Lower Upper
330 100
332 94.5 76.3 114.5
141 30.6 22.8 34.2

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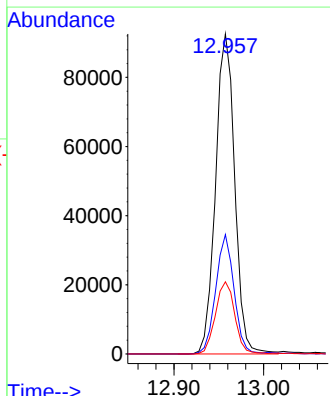
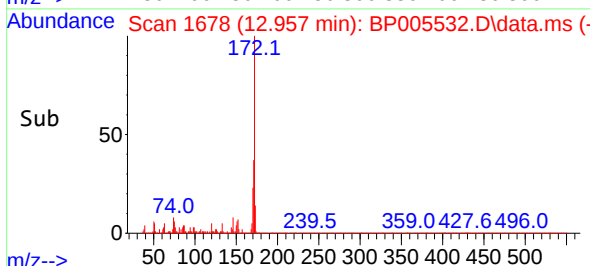
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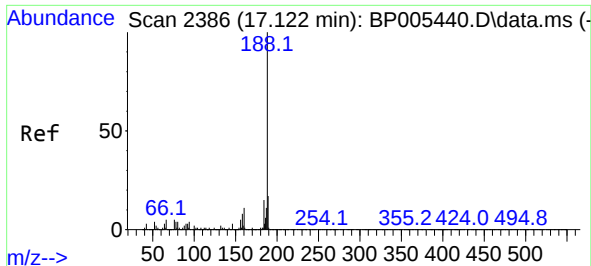


#45
2-Fluorobiphenyl
Concen: 29.75 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16



Tgt Ion:172 Resp: 137117
Ion Ratio Lower Upper
172 100
171 37.3 28.1 42.1
170 22.6 19.6 29.4





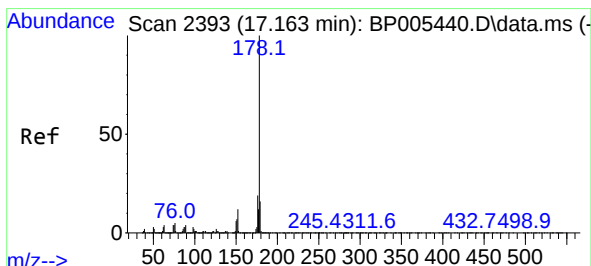
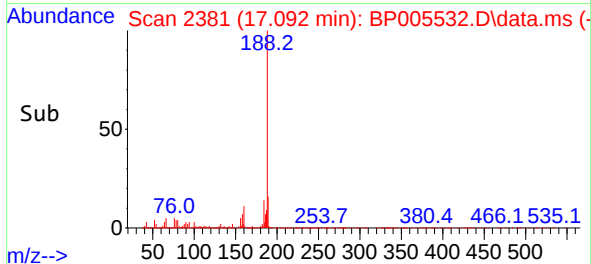
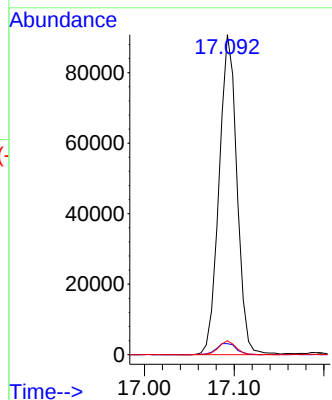
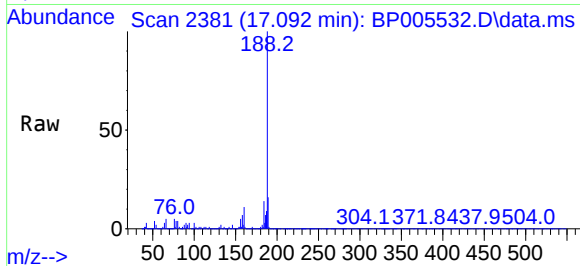
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

Tgt Ion:188 Resp: 125716
Ion Ratio Lower Upper
188 100
94 3.5 5.0 7.6#
80 4.4 5.9 8.9#

Instrument :
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CL-02-051121

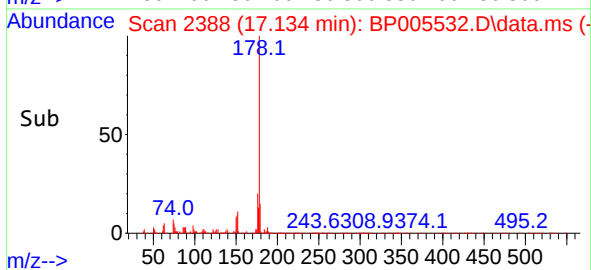
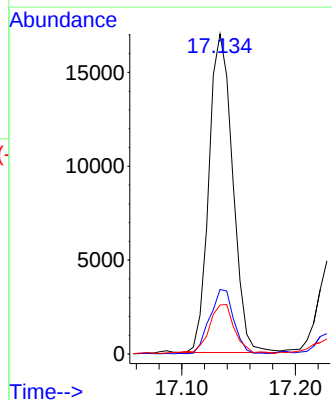
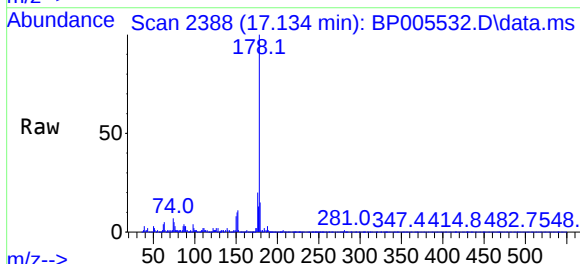
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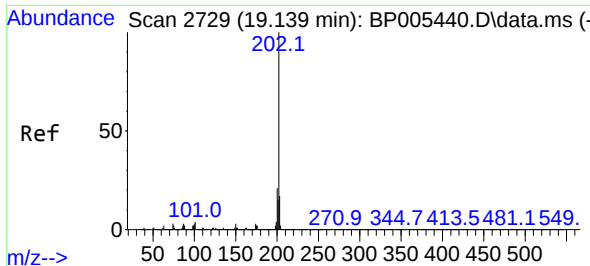
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#71
Phenanthrene
Concen: 3.46 ng
RT: 17.134 min Scan# 2388
Delta R.T. -0.006 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

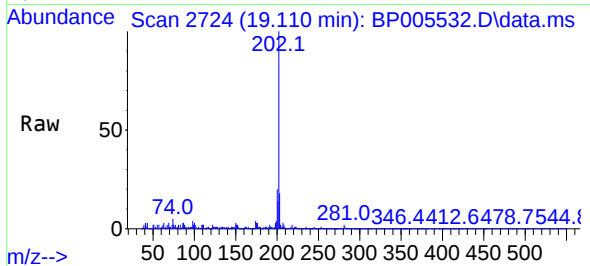
Tgt Ion:178 Resp: 24706
Ion Ratio Lower Upper
178 100
176 20.1 15.4 23.2
179 15.3 12.3 18.5





#75
Fluoranthene
Concen: 4.36 ng
RT: 19.110 min Scan# 2724
Delta R.T. -0.006 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

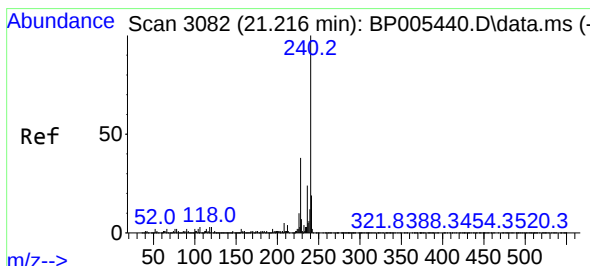
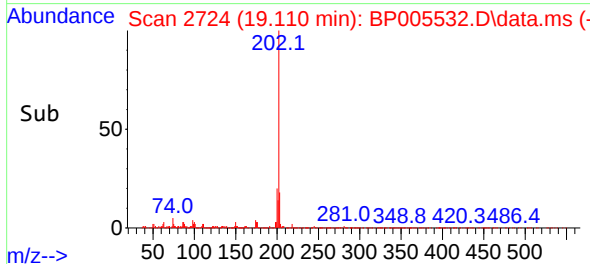
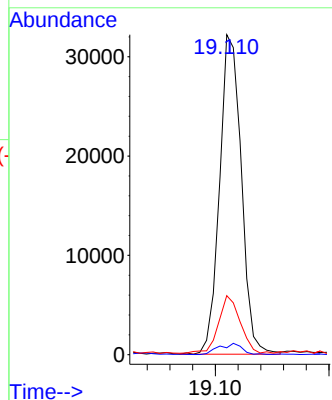
Instrument :
BNA_P
ClientSampleId :
CL-02-051121



Tgt Ion:202 Resp: 42808
Ion Ratio Lower Upper
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101 2.1 0.0 26.1
203 18.5 0.0 37.2

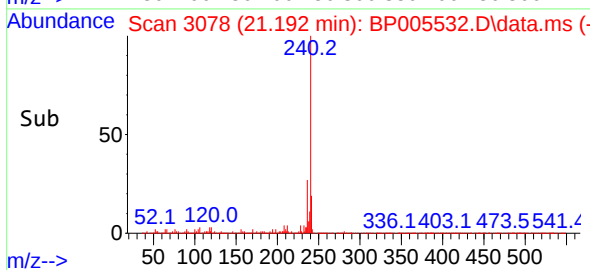
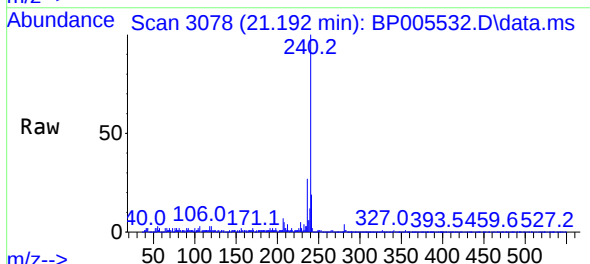
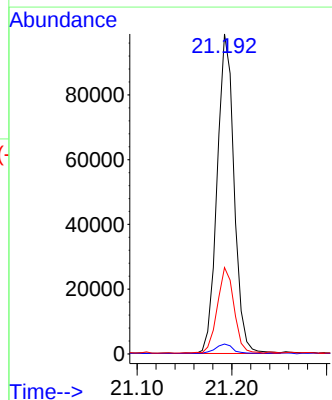
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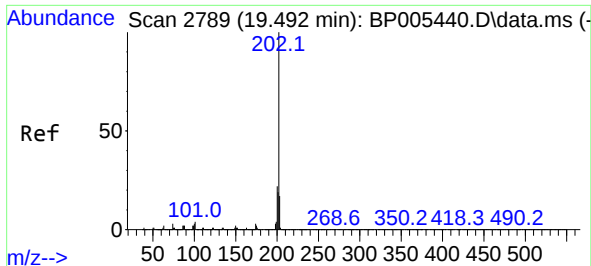
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. 0.000 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

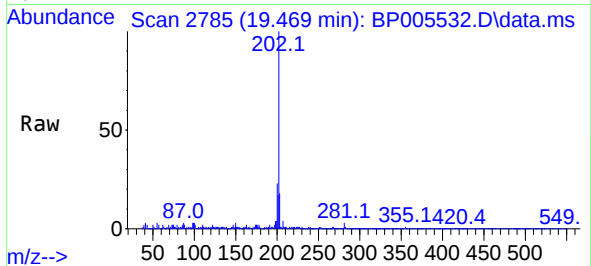
Tgt Ion:240 Resp: 122850
Ion Ratio Lower Upper
240 100
120 3.1 4.2 6.2#
236 27.0 20.2 30.2





#78
Pyrene
Concen: 6.20 ng
RT: 19.469 min Scan# 2785
Delta R.T. -0.000 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

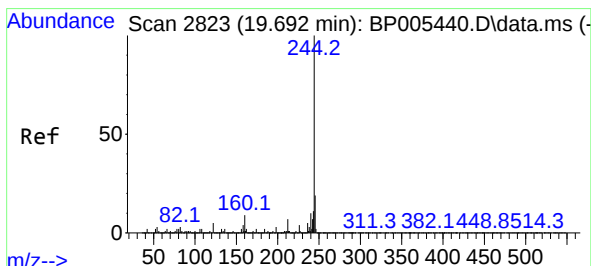
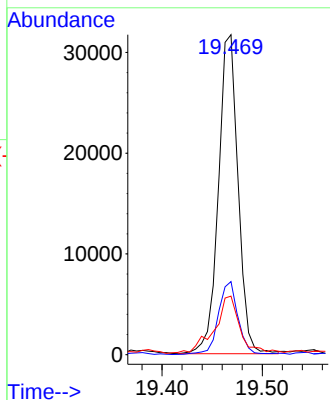
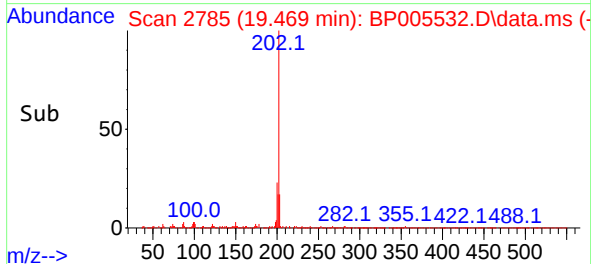
Instrument :
BNA_P
ClientSampleId :
CL-02-051121



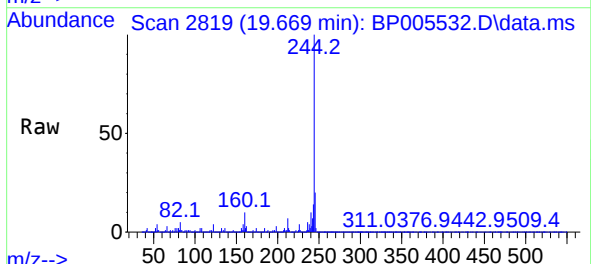
Tgt Ion:202 Resp: 43103
Ion Ratio Lower Upper
202 100
200 22.9 16.9 25.3
203 18.3 13.8 20.6

Manual Integrations
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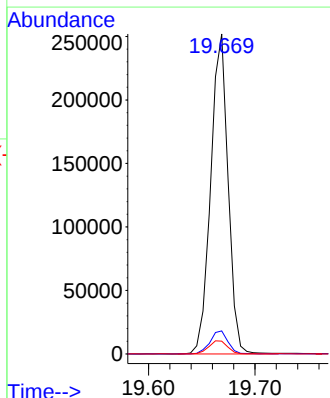
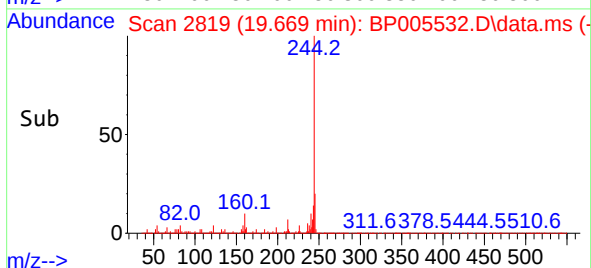
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5/14/2021 12:51:57 PM

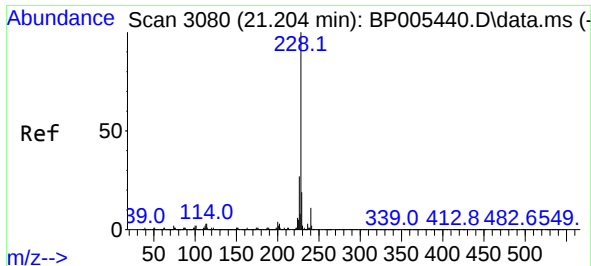


#79
Terphenyl-d14
Concen: 39.41 ng
RT: 19.669 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16



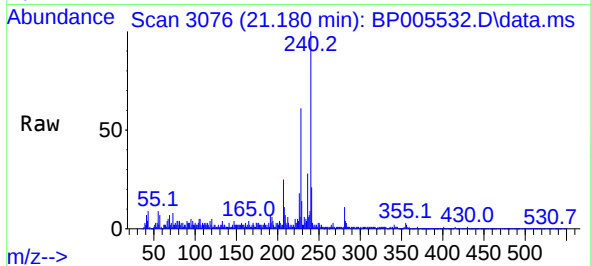
Tgt Ion:244 Resp: 285103
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 4.0 5.2 7.8#





#81
Benzo(a)anthracene
Concen: 2.61 ng
RT: 21.180 min Scan# 3076
Delta R.T. 0.006 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

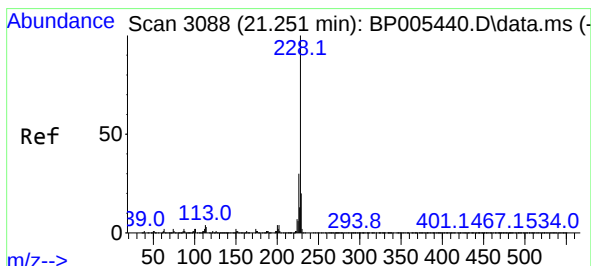
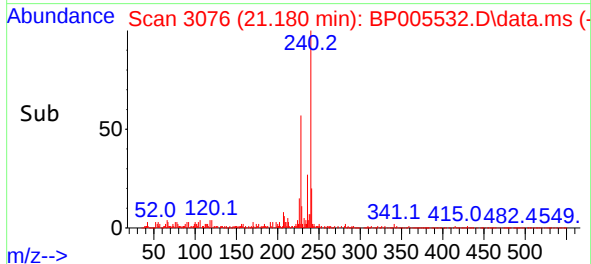
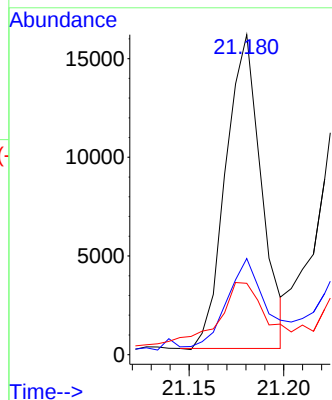
Instrument :
BNA_P
ClientSampled :
CL-02-051121



Tgt Ion:228 Resp: 20815
Ion Ratio Lower Upper
228 100
226 30.0 21.2 31.8
229 22.3 15.6 23.4

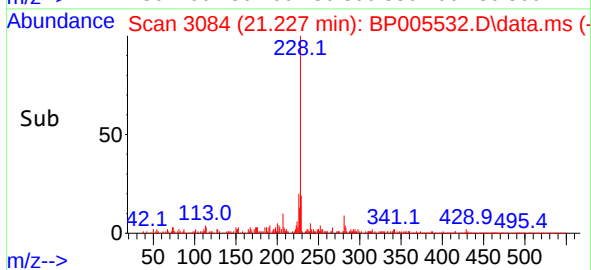
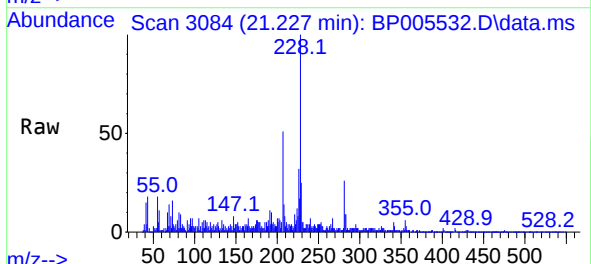
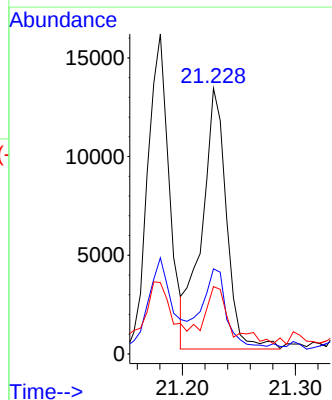
Manual Integrations
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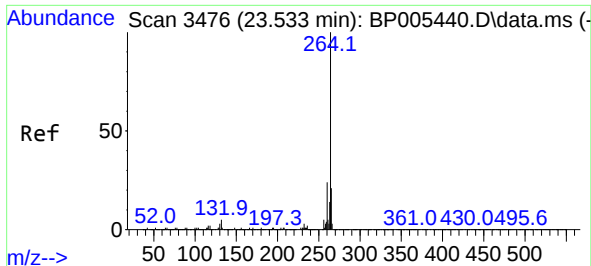
mohammad
5/14/2021 12:51:57 PM



#83
Chrysene
Concen: 2.61 ng m
RT: 21.227 min Scan# 3084
Delta R.T. -0.000 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

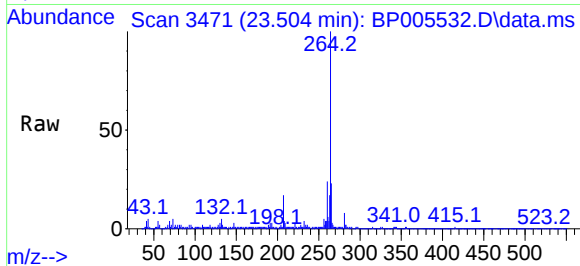
Tgt Ion:228 Resp: 20156
Ion Ratio Lower Upper
228 100
226 32.0 24.8 37.2
229 25.4 15.4 23.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.504 min Scan# 3471
Delta R.T. -0.000 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

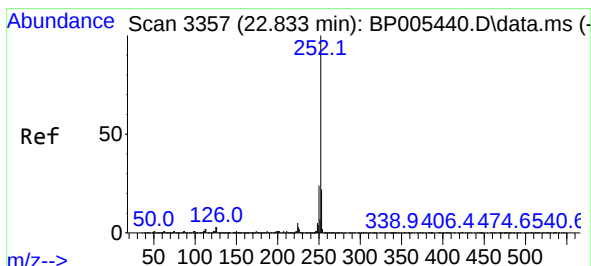
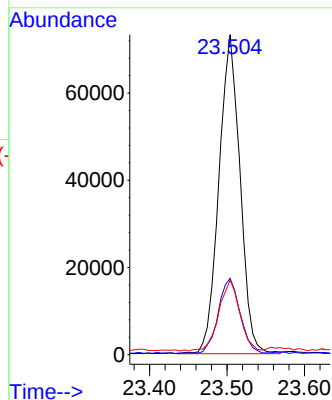
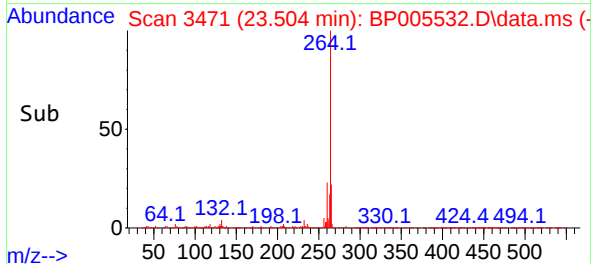
Instrument :
BNA_P
ClientSampleId :
CL-02-051121



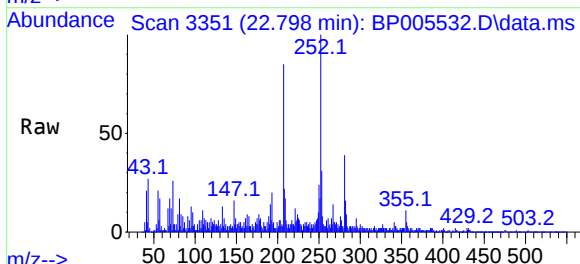
Tgt Ion:264 Resp: 138586
Ion Ratio Lower Upper
264 100
260 23.9 20.6 30.8
265 23.3 19.0 28.6

Manual Integrations
APPROVED

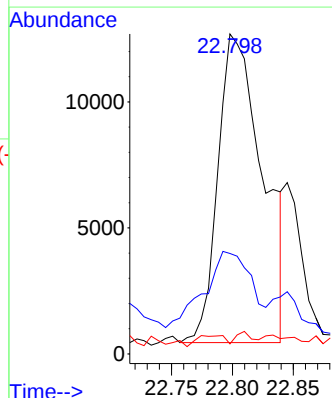
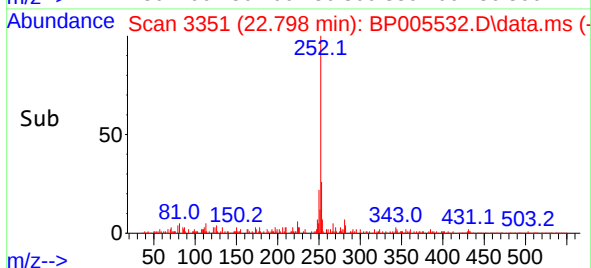
mohammad
5/14/2021 12:51:57 PM

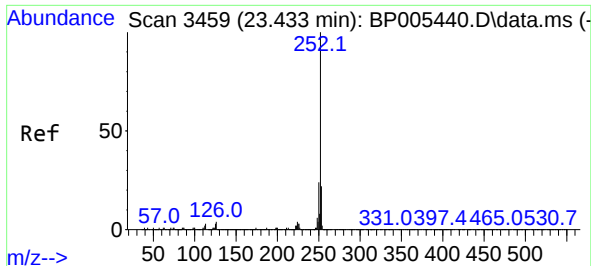


#88
Benzo(b)fluoranthene
Concen: 3.38 ng
RT: 22.798 min Scan# 3351
Delta R.T. -0.000 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16



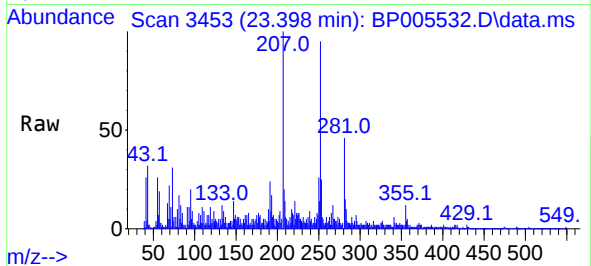
Tgt Ion:252 Resp: 31220
Ion Ratio Lower Upper
252 100
253 31.4 18.2 27.2#
125 3.2 3.4 5.0#





#90
Benzo(a)pyrene
Concen: 2.64 ng
RT: 23.398 min Scan# 3453
Delta R.T. 0.000 min
Lab File: BP005532.D
Acq: 13 May 2021 22:16

Instrument :
BNA_P
ClientSampleId :
CL-02-051121



Tgt Ion: 252 Resp: 22347
Ion Ratio Lower Upper
252 100
253 26.1 17.1 25.7#
125 4.9 3.8 5.6

Manual Integrations
APPROVED

mohammad
5/14/2021 12:51:57 PM

