

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
 Data File : BP005535.D
 Acq On : 13 May 2021 23:57
 Operator : CG/JU
 Sample : M2375-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-03-051221

Manual Integrations
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Quant Time: May 14 02:15:38 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	17347	20.00	ng	-0.01
21) Naphthalene-d8	10.481	136	62248	20.00	ng	#-0.01
39) Acenaphthene-d10	14.340	164	51727	20.00	ng	0.00
64) Phenanthrene-d10	17.098	188	122199	20.00	ng	# 0.00
76) Chrysene-d12	21.198	240	121419	20.00	ng	# 0.00
86) Perylene-d12	23.510	264	131362	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	78705	87.07	ng	0.00
7) Phenol-d6	6.887	99	94329	83.69	ng	0.00
23) Nitrobenzene-d5	8.857	82	82335	52.06	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	107438	73.19	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	229978	50.15	ng	-0.01
79) Terphenyl-d14	19.669	244	473793	66.27	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.810	163	21271	4.76	ng	98
71) Phenanthrene	17.139	178	57246	8.24	ng	98
72) Anthracene	17.228	178	18105	2.63	ng	93
75) Fluoranthene	19.116	202	107252	11.23	ng	96
78) Pyrene	19.469	202	84297	12.26	ng	99
81) Benzo(a)anthracene	21.180	228	56091m	7.13	ng	
83) Chrysene	21.233	228	45804	6.01	ng	97
87) Indeno(1,2,3-cd)pyrene	25.910	276	45456	4.11	ng	# 95
88) Benzo(b)fluoranthene	22.804	252	74949	8.56	ng	99
89) Benzo(k)fluoranthene	22.851	252	30531m	3.57	ng	
90) Benzo(a)pyrene	23.404	252	54528	6.80	ng	# 91
92) Benzo(g,h,i)perylene	26.657	276	44770	4.96	ng	# 97

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

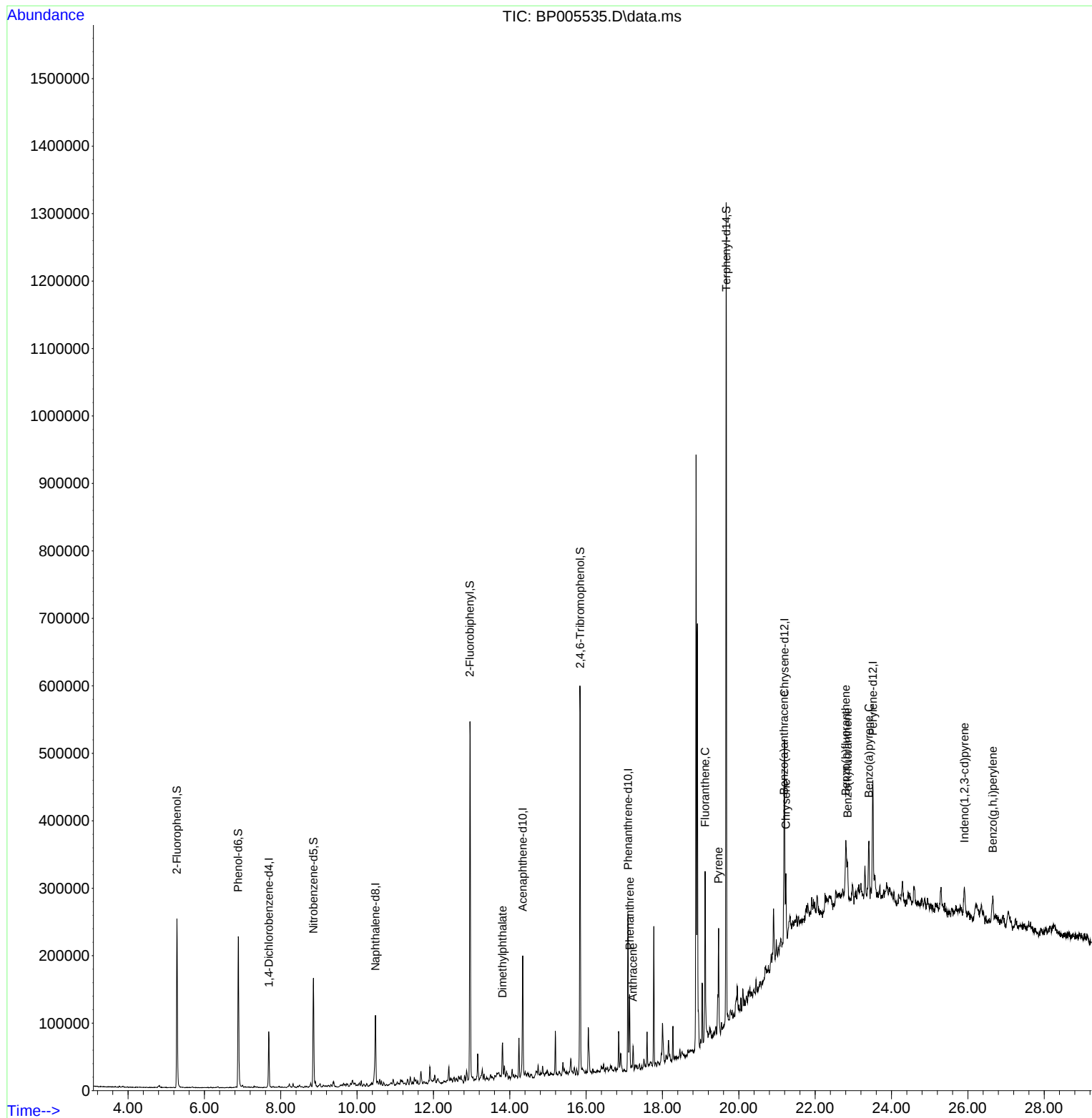
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
Data File : BP005535.D
Acq On : 13 May 2021 23:57
Operator : CG/JU
Sample : M2375-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

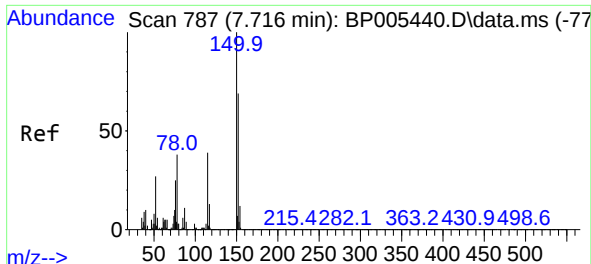
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
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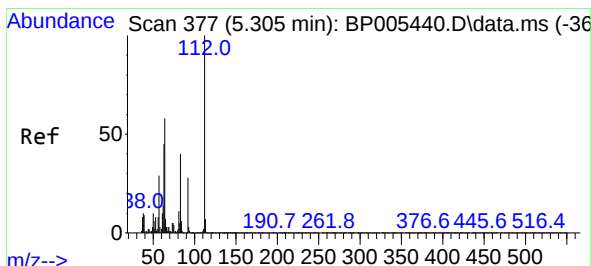
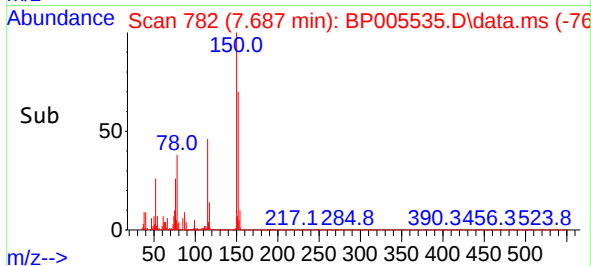
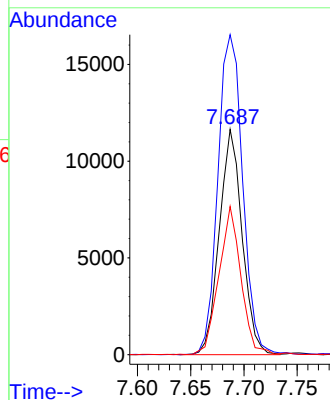
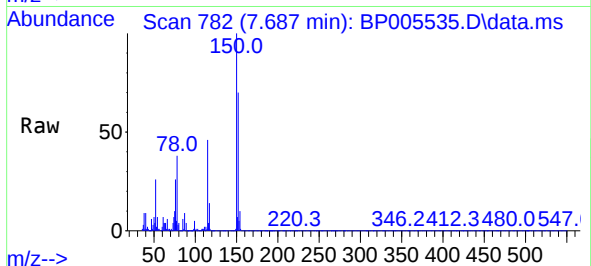
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.012 min
Lab File: BP005535.D
Acq: 13 May 2021 23:57

Tgt Ion:152 Resp: 17347
Ion Ratio Lower Upper
152 100
150 142.0 119.8 179.8
115 65.8 49.0 73.4

Instrument :
BNA_P
ClientSampleId :
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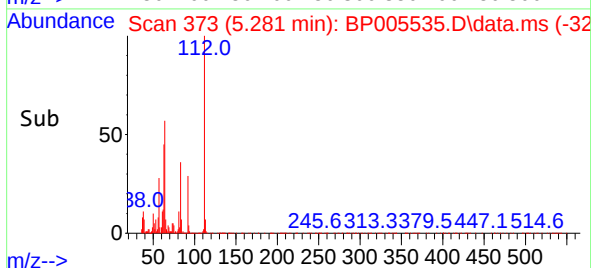
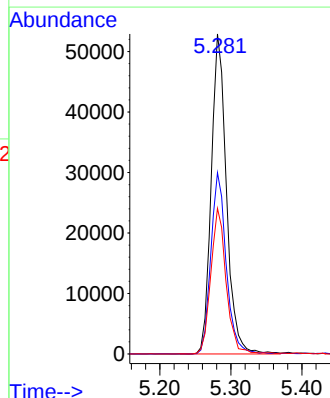
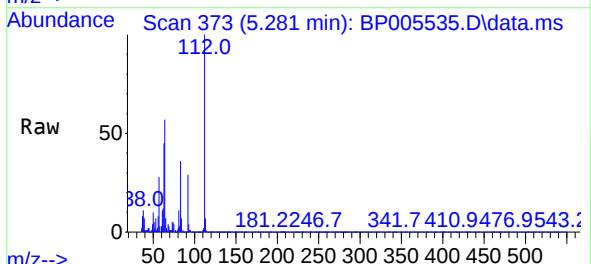
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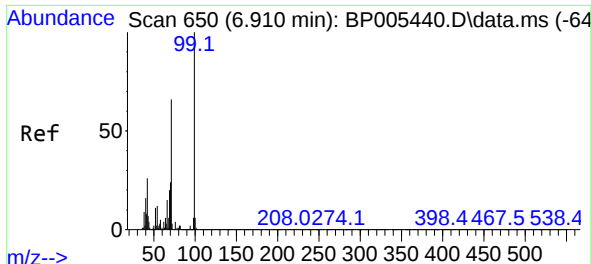
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#5
2-Fluorophenol
Concen: 87.07 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP005535.D
Acq: 13 May 2021 23:57

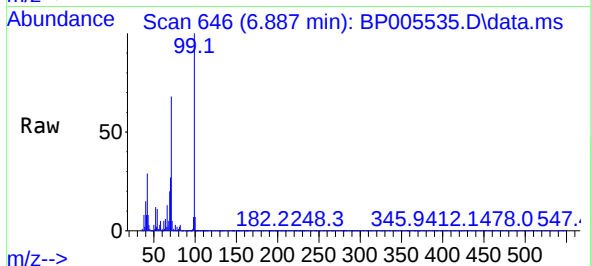
Tgt Ion:112 Resp: 78705
Ion Ratio Lower Upper
112 100
64 56.7 33.6 50.4#
63 45.5 18.6 27.8#





#7
Phenol-d6
Concen: 83.69 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005535.D
Acq: 13 May 2021 23:57

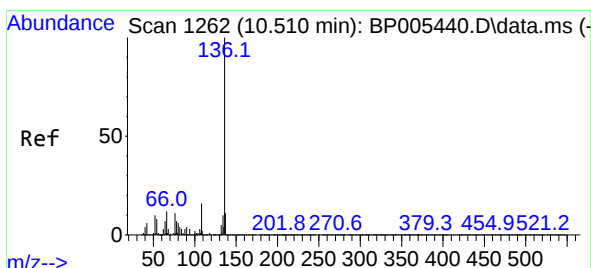
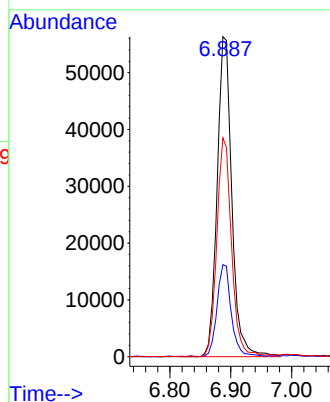
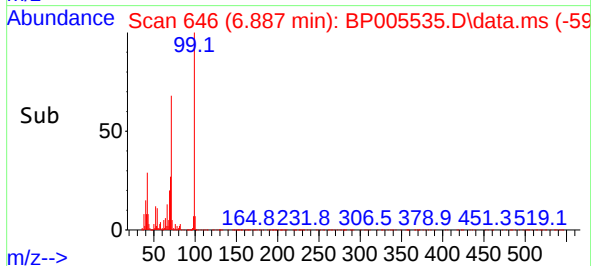
Instrument :
BNA_P
ClientSampleId :
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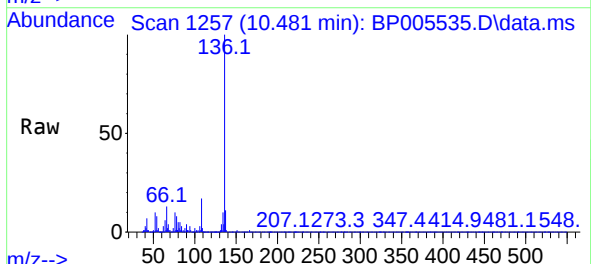
Tgt Ion: 99 Resp: 94329
Ion Ratio Lower Upper
99 100
42 28.8 12.9 19.3#
71 68.3 26.7 40.1#

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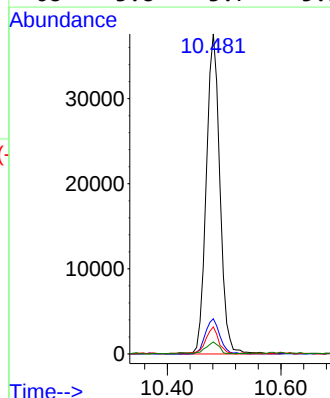
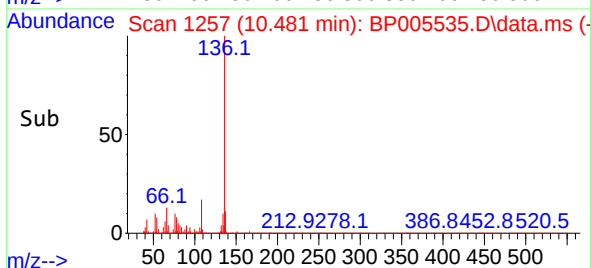
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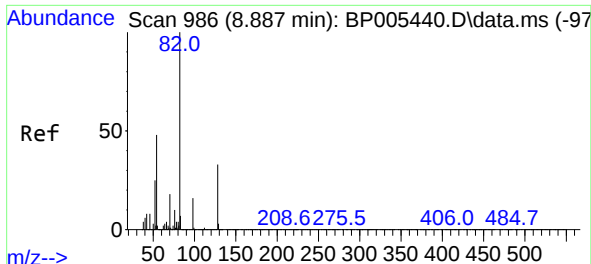


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP005535.D
Acq: 13 May 2021 23:57



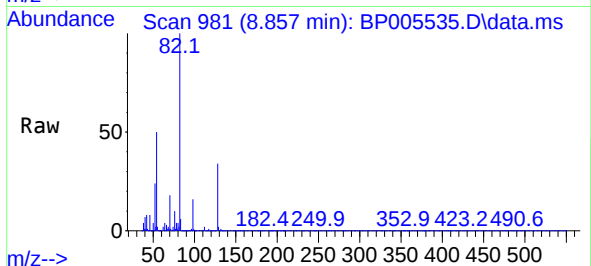
Tgt Ion: 136 Resp: 62248
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.5 5.0 7.4#
68 3.8 3.7 5.5





#23
Nitrobenzene-d5
Concen: 52.06 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP005535.D
Acq: 13 May 2021 23:57

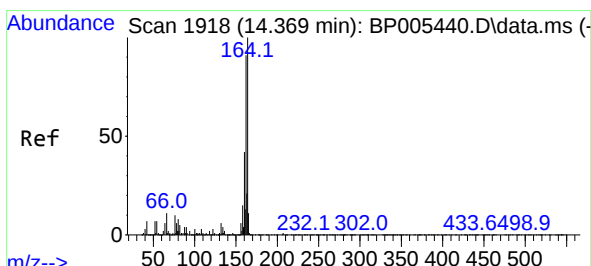
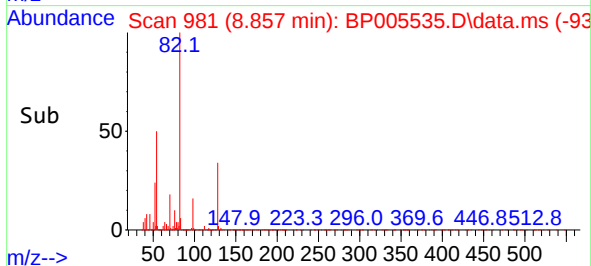
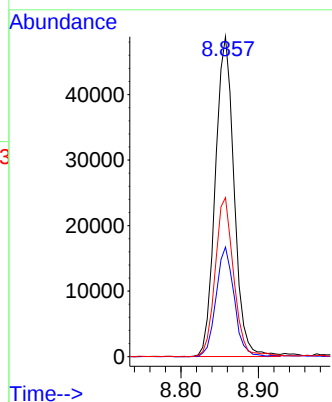
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BNA_P
ClientSampleId :
SU-03-051221



Tgt Ion: 82 Resp: 82335
Ion Ratio Lower Upper
82 100
128 34.3 30.5 45.7
54 49.7 33.9 50.9

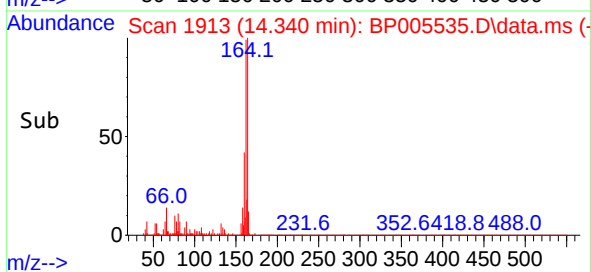
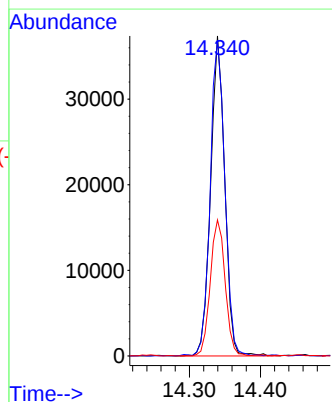
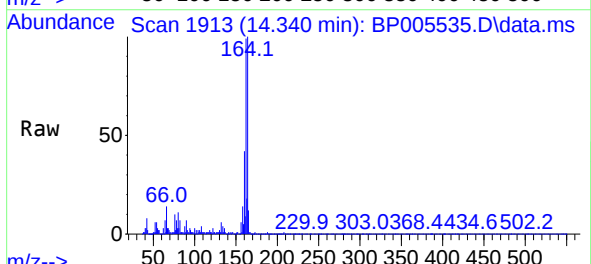
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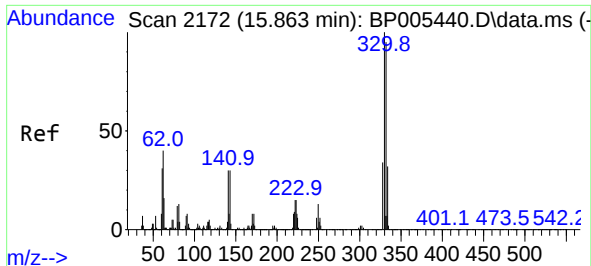
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP005535.D
Acq: 13 May 2021 23:57

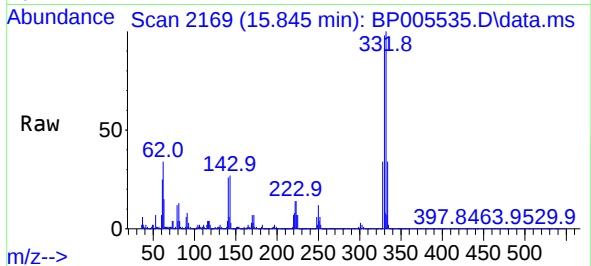
Tgt Ion: 164 Resp: 51727
Ion Ratio Lower Upper
164 100
162 98.8 73.5 110.3
160 42.5 40.6 61.0





#42
2,4,6-Tribromophenol
Concen: 73.19 ng
RT: 15.845 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BP005535.D
Acq: 13 May 2021 23:57

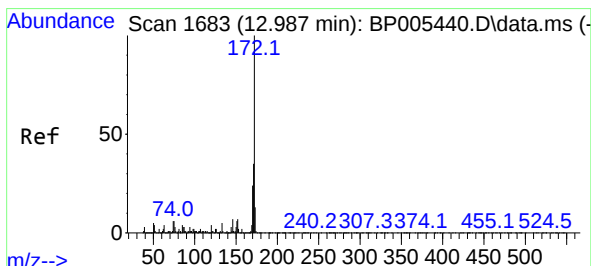
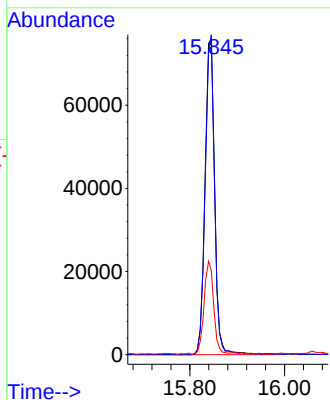
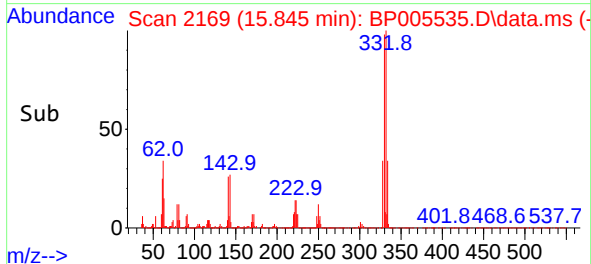
Instrument :
BNA_P
ClientSampleId :
SU-03-051221



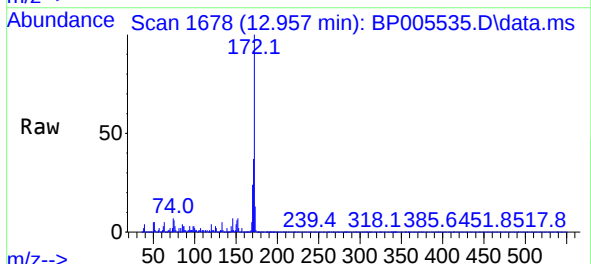
Tgt Ion:330 Resp: 107438
Ion Ratio Lower Upper
330 100
332 97.8 76.3 114.5
141 29.7 22.8 34.2

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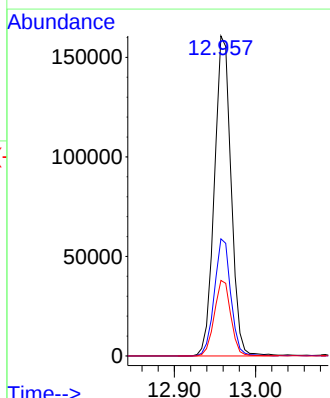
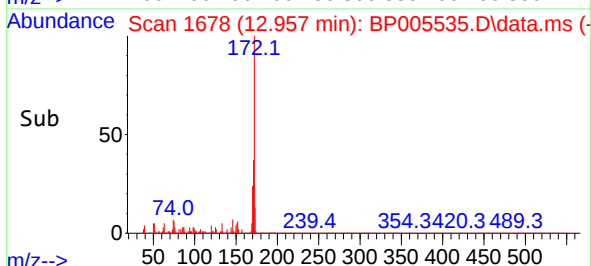
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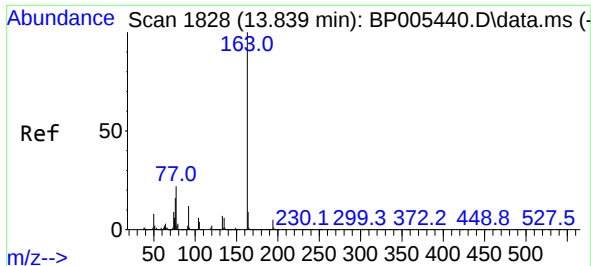


#45
2-Fluorobiphenyl
Concen: 50.15 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BP005535.D
Acq: 13 May 2021 23:57



Tgt Ion:172 Resp: 229978
Ion Ratio Lower Upper
172 100
171 36.6 28.1 42.1
170 23.6 19.6 29.4





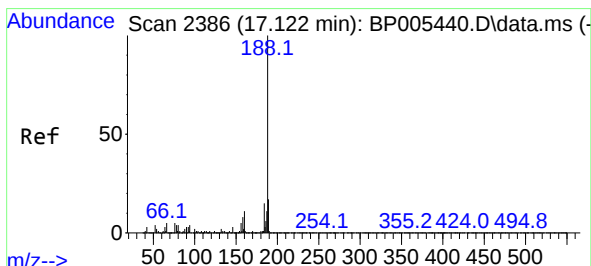
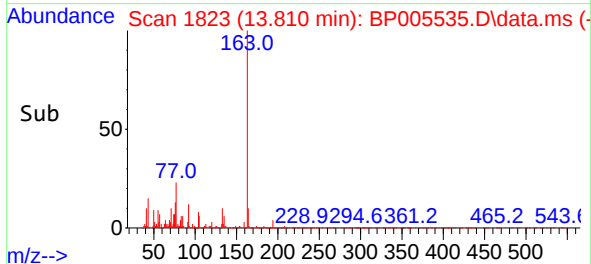
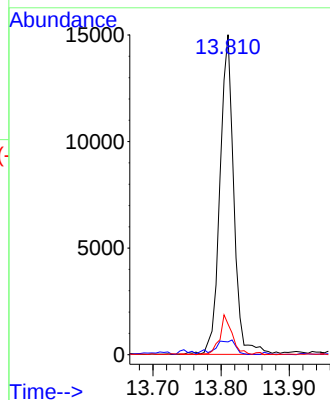
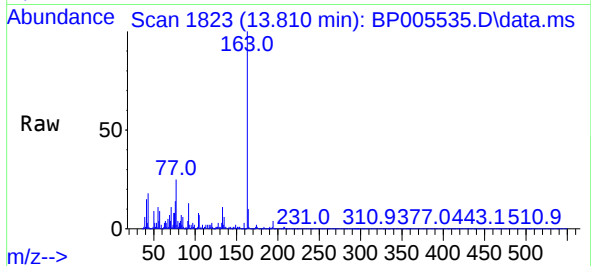
#50
Dimethylphthalate
Concen: 4.76 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BP005535.D
Acq: 13 May 2021 23:57

Tgt Ion:	163	Resp:	21271
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.9	5.9
164	9.6	8.1	12.1

Instrument :
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ClientSampleId :
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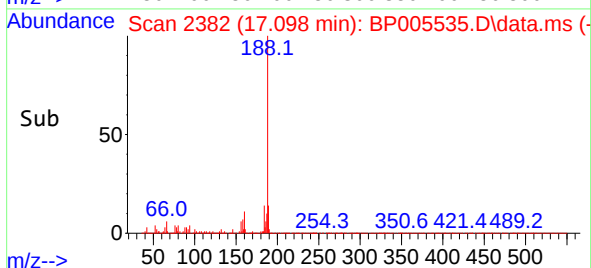
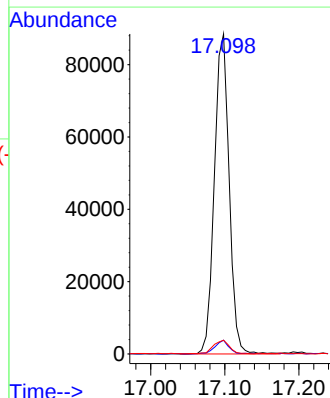
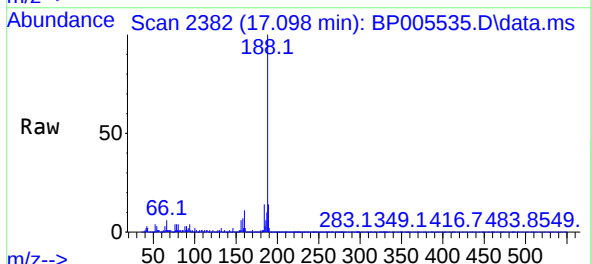
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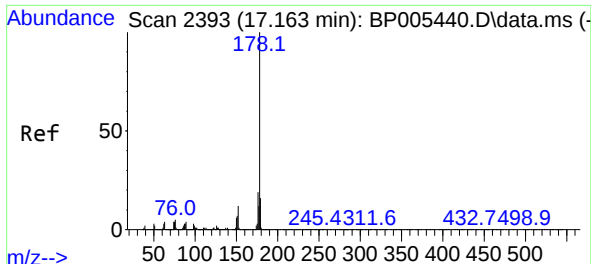
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP005535.D
Acq: 13 May 2021 23:57

Tgt Ion:	188	Resp:	122199
Ion Ratio	Lower	Upper	
188	100		
94	4.7	5.0	7.6#
80	4.3	5.9	8.9#





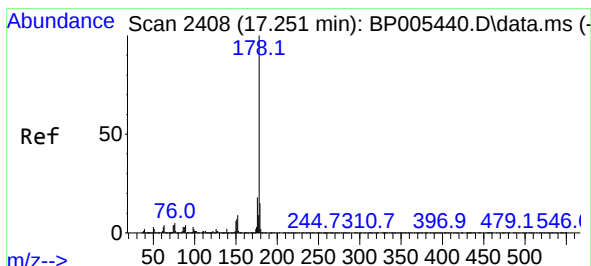
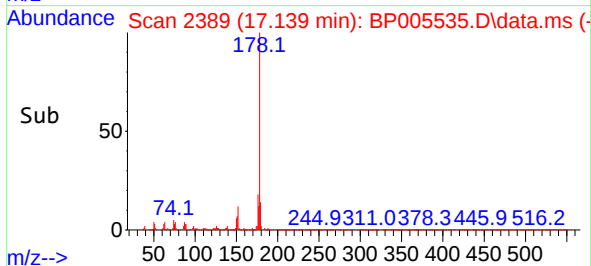
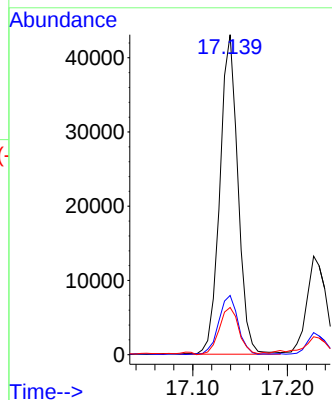
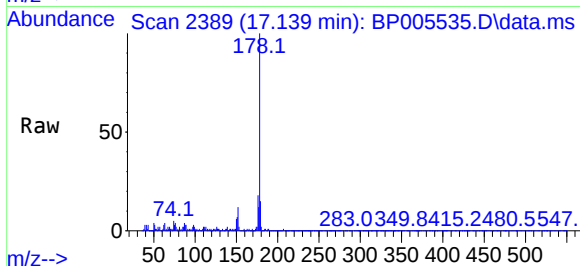
#71
Phenanthrene
Concen: 8.24 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.000 min
Lab File: BP005535.D
Acq: 13 May 2021 23:57

Tgt Ion:	178	Resp:	57246
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.4	23.2
179	14.8	12.3	18.5

Instrument :
BNA_P
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SU-03-051221

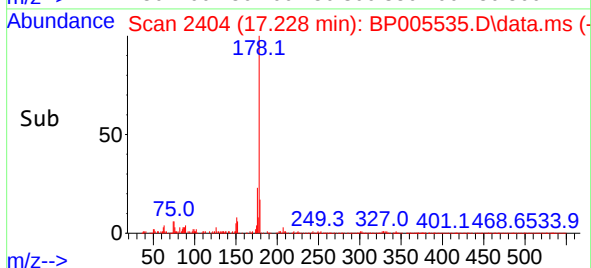
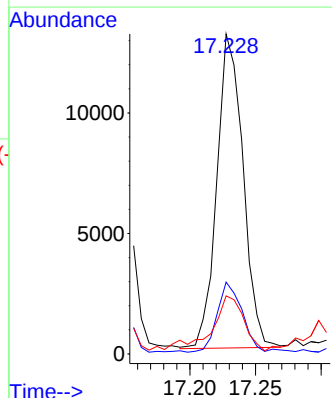
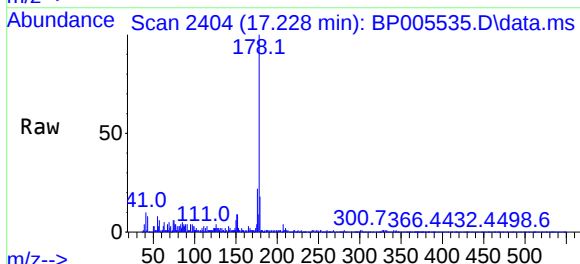
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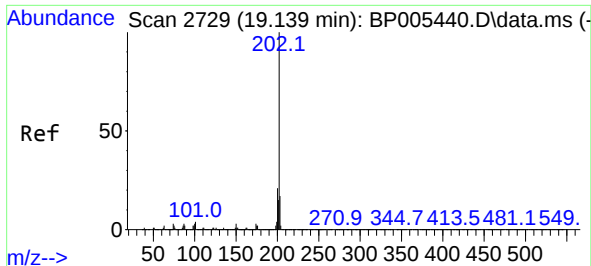
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#72
Anthracene
Concen: 2.63 ng
RT: 17.228 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BP005535.D
Acq: 13 May 2021 23:57

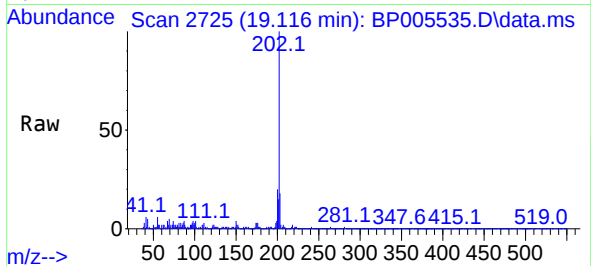
Tgt Ion:	178	Resp:	18105
Ion Ratio	Lower	Upper	
178	100		
176	22.5	15.2	22.8
179	18.1	12.6	19.0





#75
Fluoranthene
Concen: 11.23 ng
RT: 19.116 min Scan# 2725
Delta R.T. -0.000 min
Lab File: BP005535.D
Acq: 13 May 2021 23:57

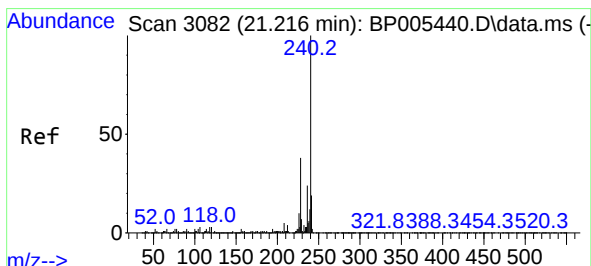
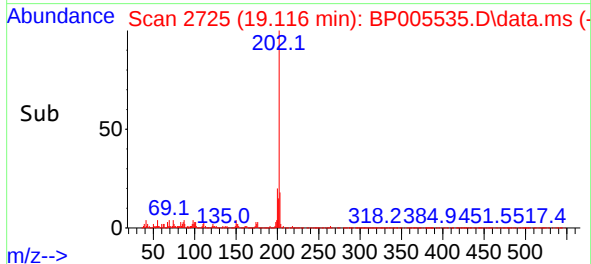
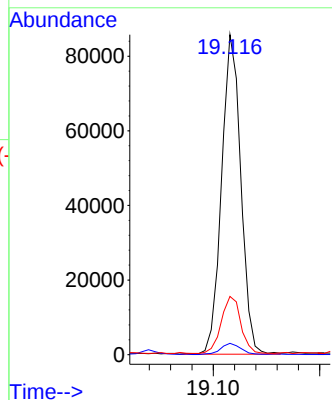
Instrument :
BNA_P
ClientSampleId :
SU-03-051221



Tgt Ion:202 Resp: 107252
Ion Ratio Lower Upper
202 100
101 3.6 0.0 26.1
203 18.2 0.0 37.2

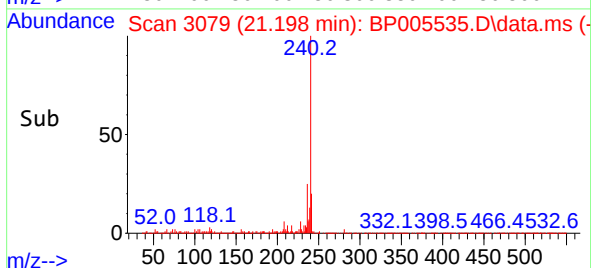
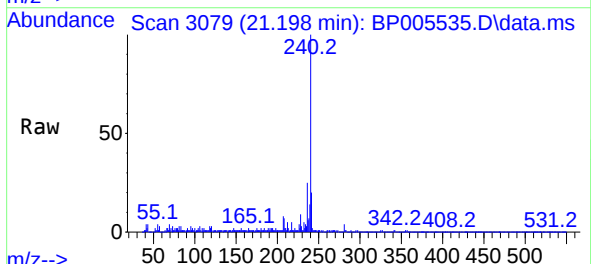
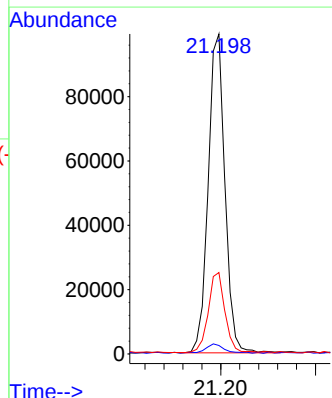
Manual Integrations
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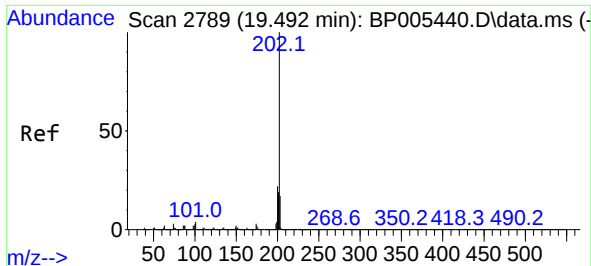
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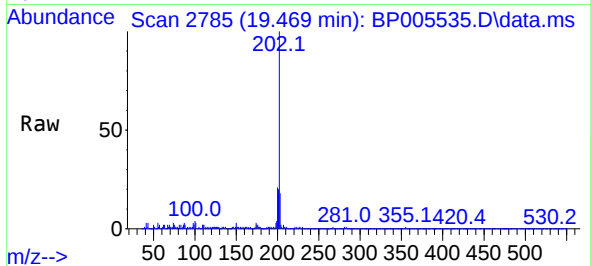
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.198 min Scan# 3079
Delta R.T. 0.006 min
Lab File: BP005535.D
Acq: 13 May 2021 23:57

Tgt Ion:240 Resp: 121419
Ion Ratio Lower Upper
240 100
120 2.6 4.2 6.2#
236 25.4 20.2 30.2

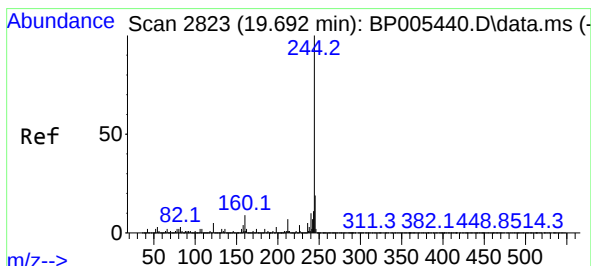
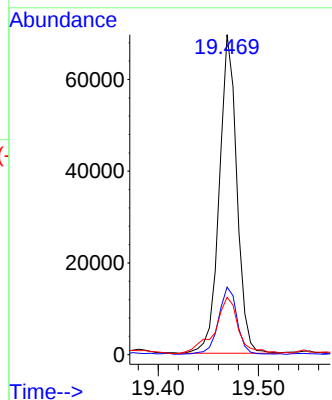
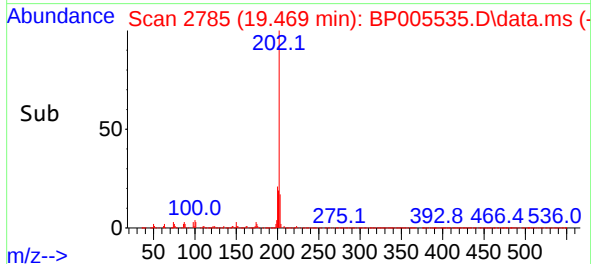




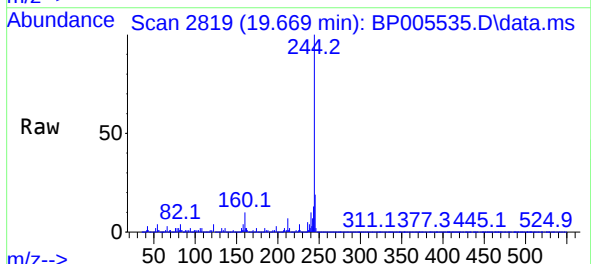
#78
Pyrene
Concen: 12.26 ng
RT: 19.469 min Scan# 2785
Delta R.T. -0.000 min
Lab File: BP005535.D
Acq: 13 May 2021 23:57



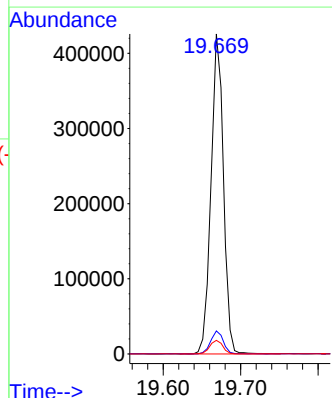
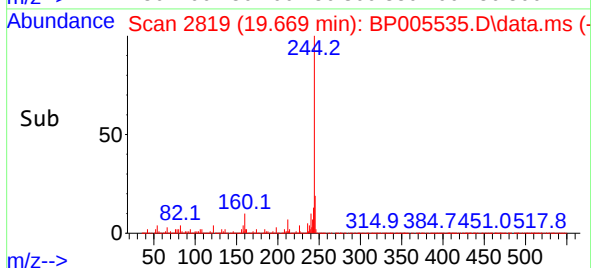
Tgt Ion:202 Resp: 84297
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.9 13.8 20.6



#79
Terphenyl-d14
Concen: 66.27 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BP005535.D
Acq: 13 May 2021 23:57



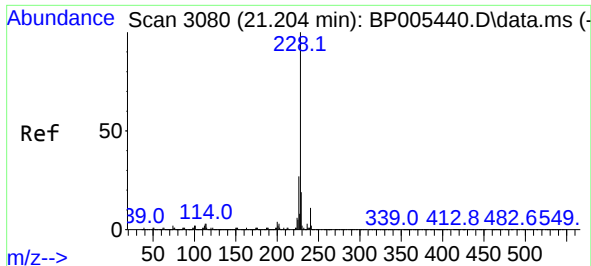
Tgt Ion:244 Resp: 473793
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 4.2 5.2 7.8#



Instrument :
BNA_P
ClientSampleId :
SU-03-051221

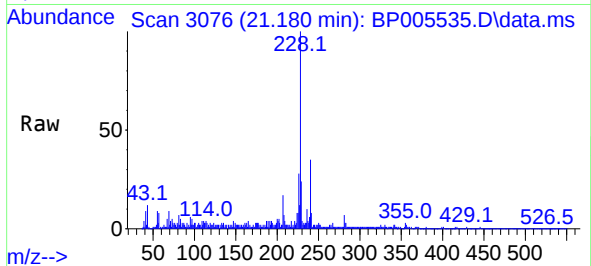
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#81
Benzo(a)anthracene
Concen: 7.13 ng m
RT: 21.180 min Scan# 3076
Delta R.T. 0.006 min
Lab File: BP005535.D
Acq: 13 May 2021 23:57

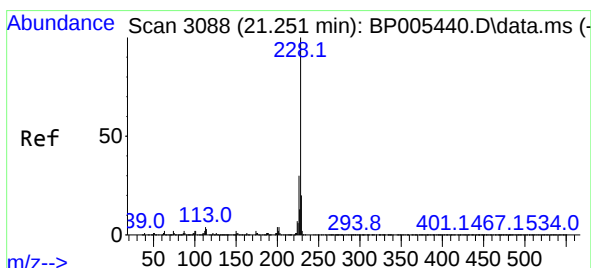
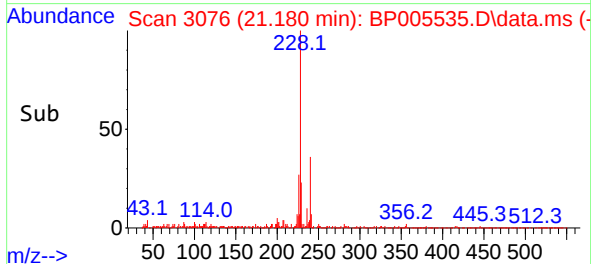
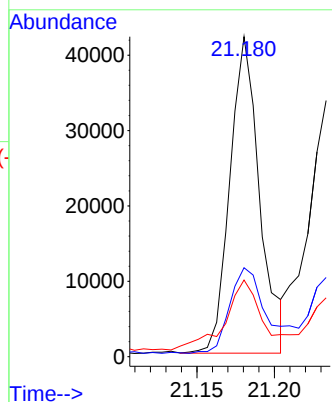
Instrument :
BNA_P
ClientSampled :
SU-03-051221



Tgt Ion:228 Resp: 56091
Ion Ratio Lower Upper
228 100
226 27.8 21.2 31.8
229 23.9 15.6 23.4#

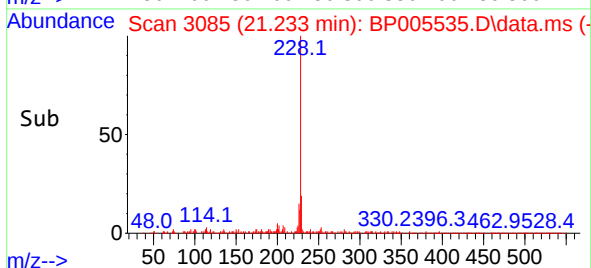
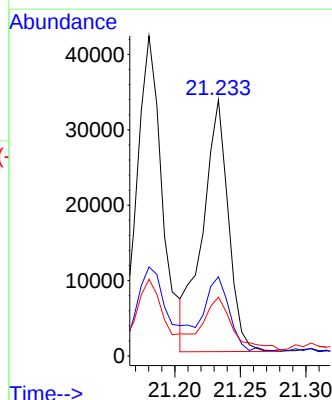
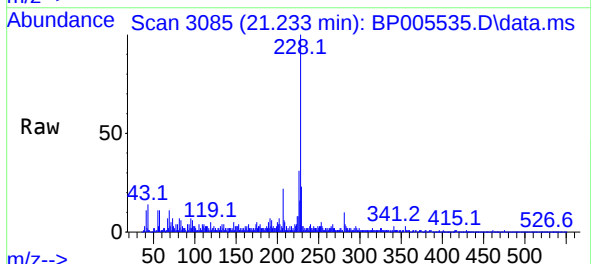
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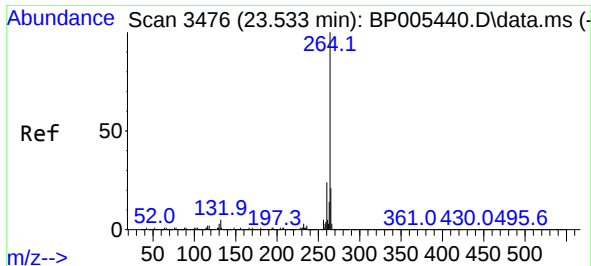
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#83
Chrysene
Concen: 6.01 ng
RT: 21.233 min Scan# 3085
Delta R.T. 0.006 min
Lab File: BP005535.D
Acq: 13 May 2021 23:57

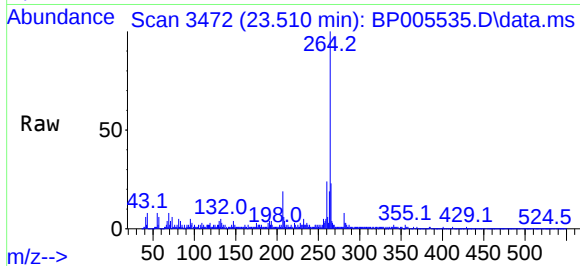
Tgt Ion:228 Resp: 45804
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 23.0 15.4 23.0





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.510 min Scan# 3472
 Delta R.T. 0.006 min
 Lab File: BP005535.D
 Acq: 13 May 2021 23:57

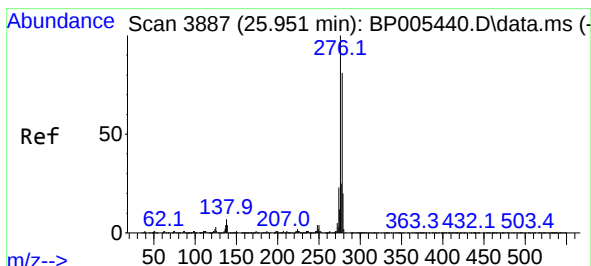
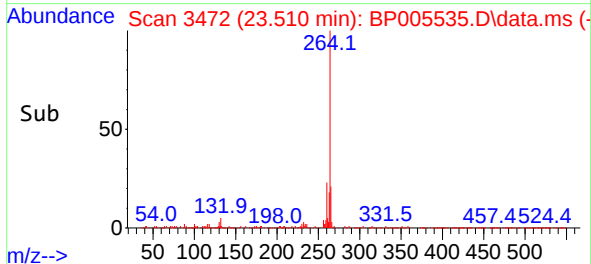
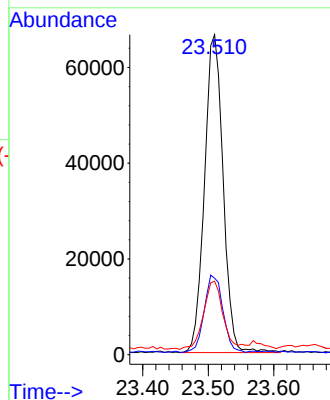
Instrument :
 BNA_P
 ClientSampleId :
 SU-03-051221



Tgt Ion:	264	Resp:	131362
Ion Ratio	Lower	Upper	
264	100		
260	23.9	20.6	30.8
265	22.9	19.0	28.6

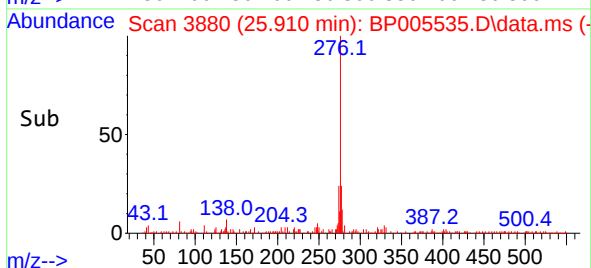
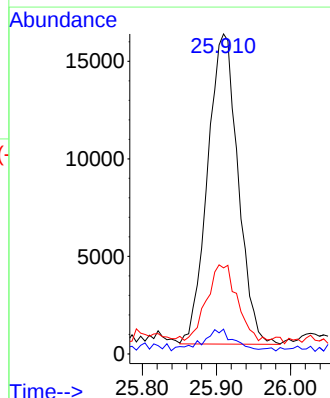
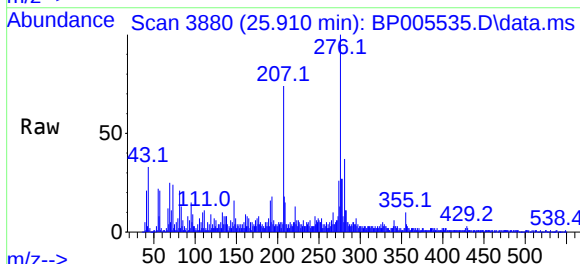
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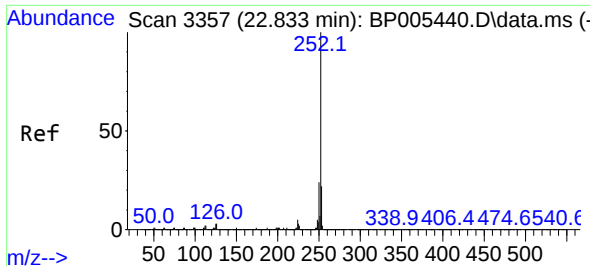
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#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.11 ng
 RT: 25.910 min Scan# 3880
 Delta R.T. 0.006 min
 Lab File: BP005535.D
 Acq: 13 May 2021 23:57

Tgt Ion:	276	Resp:	45456
Ion Ratio	Lower	Upper	
276	100		
138	7.1	8.4	12.6#
277	23.8	20.6	31.0





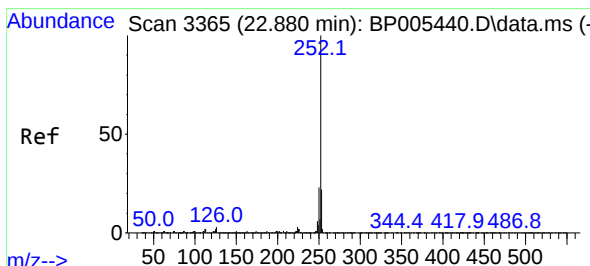
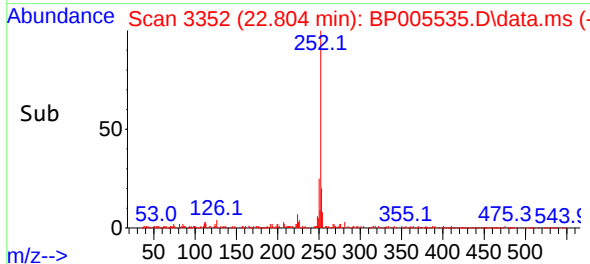
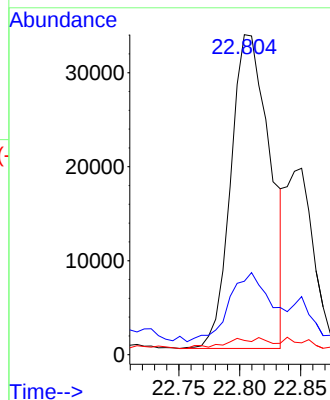
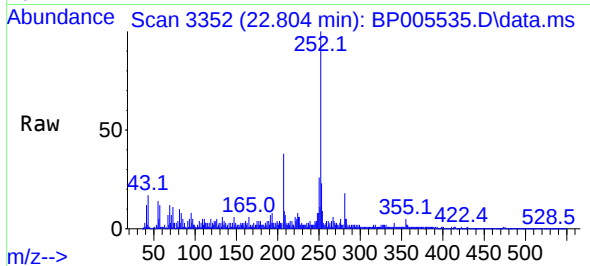
#88
Benzo(b)fluoranthene
Concen: 8.56 ng
RT: 22.804 min Scan# 3352
Delta R.T. 0.006 min
Lab File: BP005535.D
Acq: 13 May 2021 23:57

Tgt Ion:	252	Resp:	74949
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.2	27.2
125	4.5	3.4	5.0

Instrument :
BNA_P
ClientSampleId :
SU-03-051221

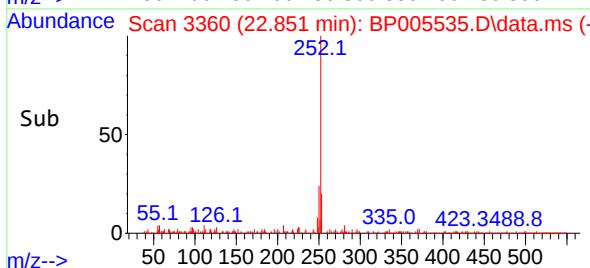
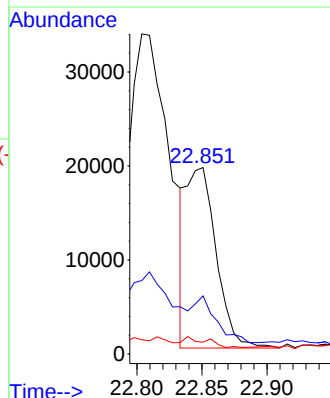
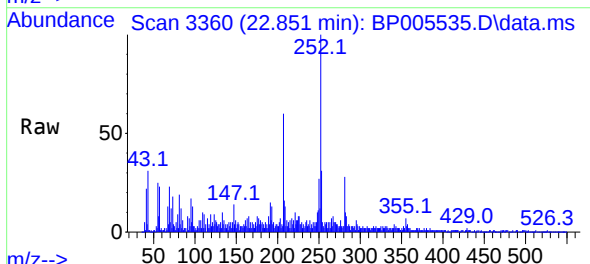
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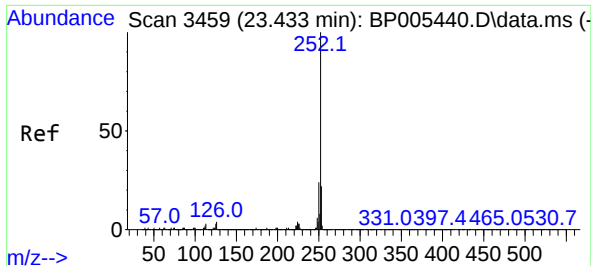
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#89
Benzo(k)fluoranthene
Concen: 3.57 ng m
RT: 22.851 min Scan# 3360
Delta R.T. 0.006 min
Lab File: BP005535.D
Acq: 13 May 2021 23:57

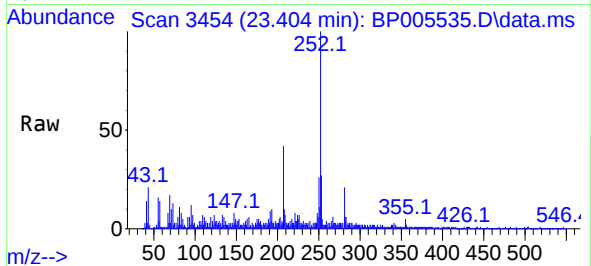
Tgt Ion:	252	Resp:	30531
Ion Ratio	Lower	Upper	
252	100		
253	31.2	17.2	25.8#
125	6.3	3.8	5.6#





#90
Benzo(a)pyrene
Concen: 6.80 ng
RT: 23.404 min Scan# 3454
Delta R.T. 0.006 min
Lab File: BP005535.D
Acq: 13 May 2021 23:57

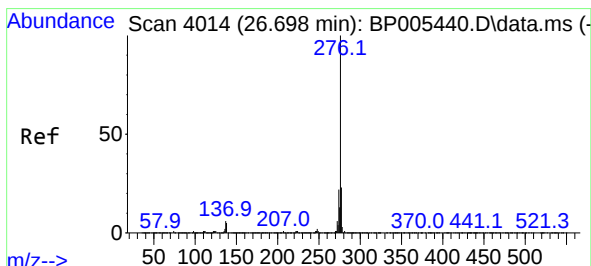
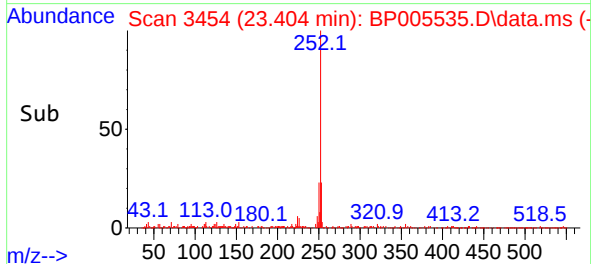
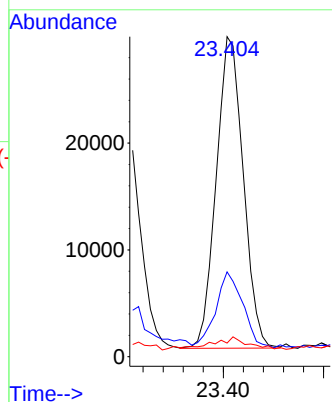
Instrument :
BNA_P
ClientSampleId :
SU-03-051221



Tgt Ion:252 Resp: 54528
Ion Ratio Lower Upper
252 100
253 26.5 17.1 25.7#
125 4.3 3.8 5.6

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#92
Benzo(g,h,i)perylene
Concen: 4.96 ng
RT: 26.657 min Scan# 4007
Delta R.T. 0.018 min
Lab File: BP005535.D
Acq: 13 May 2021 23:57

Tgt Ion:276 Resp: 44770
Ion Ratio Lower Upper
276 100
277 24.1 19.8 29.8
138 7.6 7.7 11.5#

