

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
 Data File : BP005561.D
 Acq On : 14 May 2021 22:05
 Operator : CG/JU
 Sample : M2392-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-01-COMP

Manual Integrations
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Quant Time: May 14 22:57:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 12:01:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	16898	20.00	ng	0.00
21) Naphthalene-d8	10.469	136	52388	20.00	ng	# 0.00
39) Acenaphthene-d10	14.328	164	41760	20.00	ng	0.00
64) Phenanthrene-d10	17.087	188	103857	20.00	ng	# 0.00
76) Chrysene-d12	21.186	240	145812	20.00	ng	0.00
86) Perylene-d12	23.498	264	171018	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.270	112	51143	58.08	ng	0.00
7) Phenol-d6	6.875	99	89151	81.20	ng	0.00
23) Nitrobenzene-d5	8.846	82	78931	59.30	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	42099	35.53	ng	0.00
45) 2-Fluorobiphenyl	12.946	172	202467	54.69	ng	0.00
79) Terphenyl-d14	19.657	244	484648	56.45	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.799	163	24505	6.80	ng	# 97
52) Acenaphthene	14.393	154	5501	2.29	ng	89
58) Fluorene	15.381	166	9957	2.70	ng	97
71) Phenanthrene	17.128	178	83739	14.19	ng	99
72) Anthracene	17.222	178	28546	4.87	ng	97
75) Fluoranthene	19.104	202	177907	21.92	ng	97
78) Pyrene	19.457	202	155473	18.83	ng	99
80) Butylbenzylphthalate	20.333	149	10267	3.85	ng	# 78
81) Benzo(a)anthracene	21.169	228	111868	11.84	ng	# 93
83) Chrysene	21.222	228	95261	10.40	ng	# 95
87) Indeno(1,2,3-cd)pyrene	25.910	276	68774	4.78	ng	# 98
88) Benzo(b)fluoranthene	22.798	252	150427	13.20	ng	95
89) Benzo(k)fluoranthene	22.839	252	50024m	4.49	ng	
90) Benzo(a)pyrene	23.398	252	109786	10.51	ng	# 90
92) Benzo(g,h,i)perylene	26.639	276	66332	5.65	ng	# 93

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

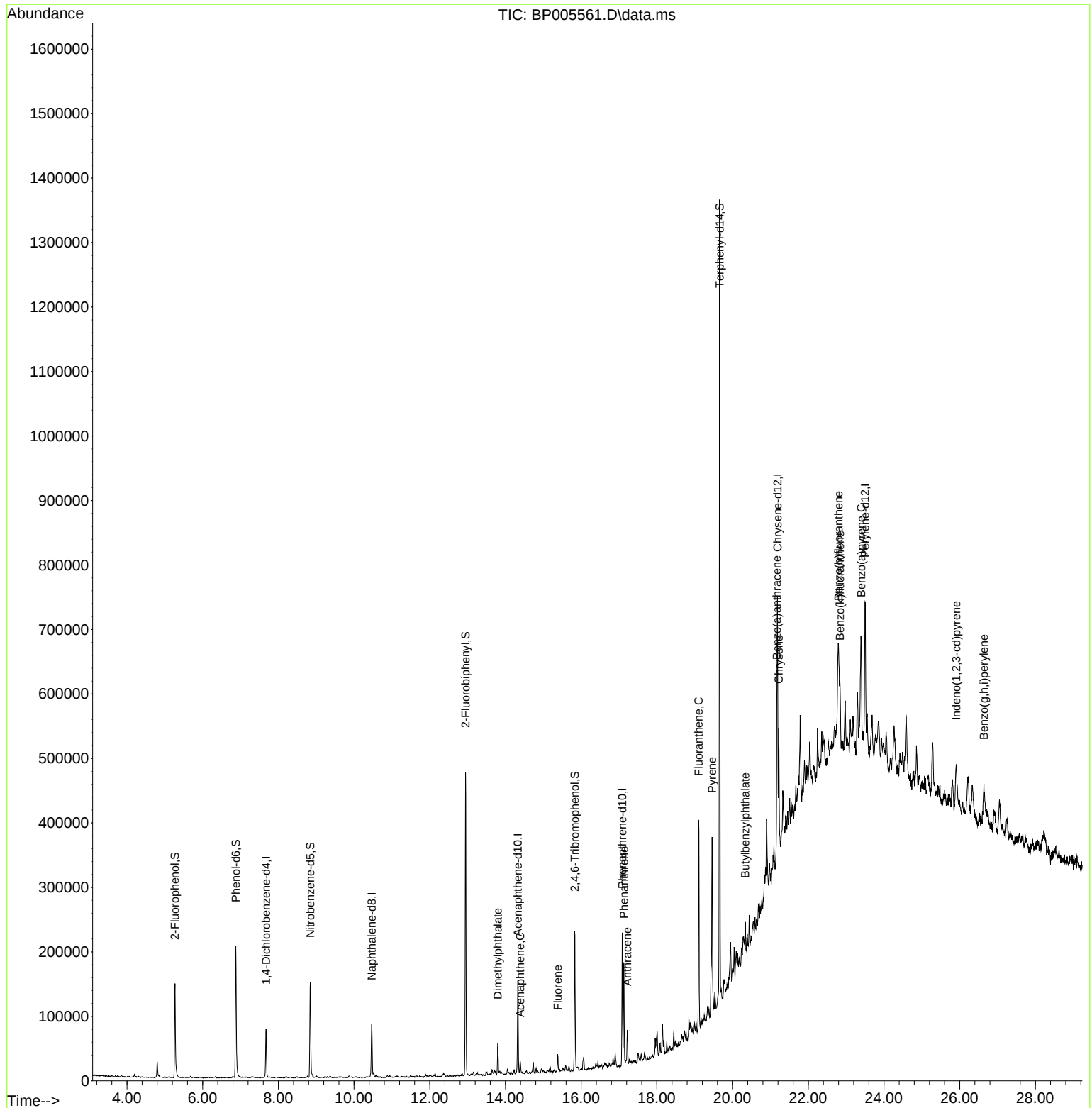
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Data File : BP005561.D
Acq On : 14 May 2021 22:05
Operator : CG/JU
Sample : M2392-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

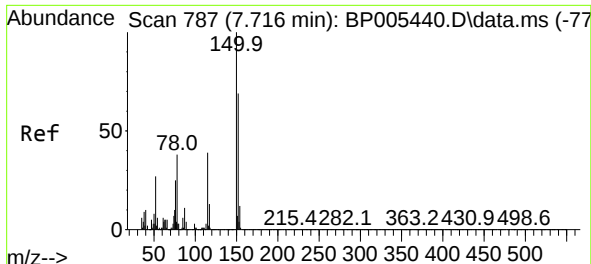
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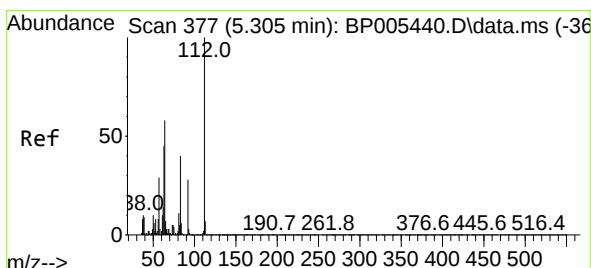
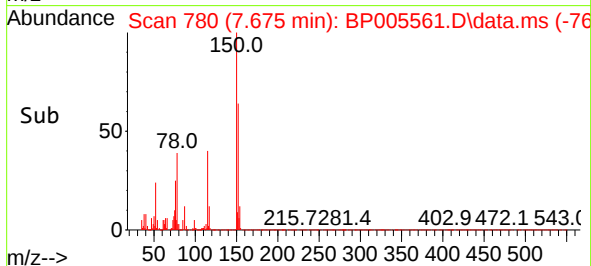
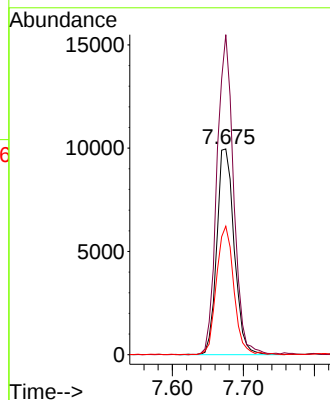
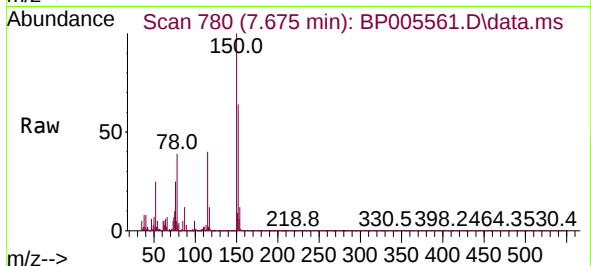
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

Tgt Ion:152 Resp: 16898
Ion Ratio Lower Upper
152 100
150 155.5 119.8 179.8
115 62.4 49.0 73.4

Instrument :
BNA_P
ClientSampleId :
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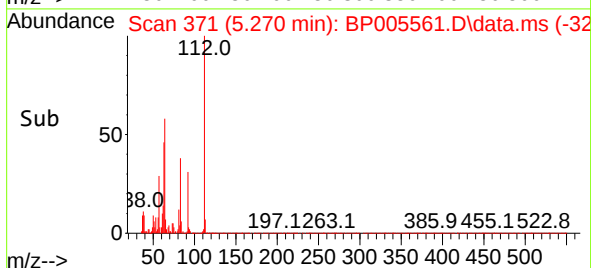
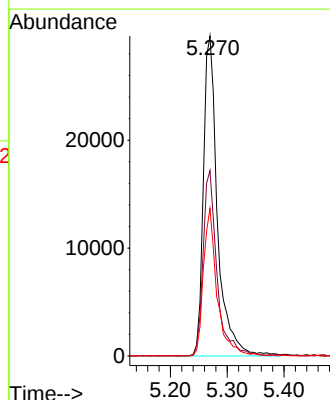
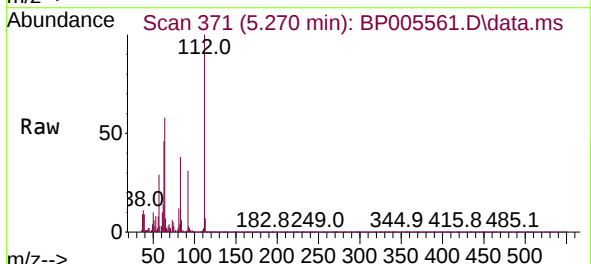
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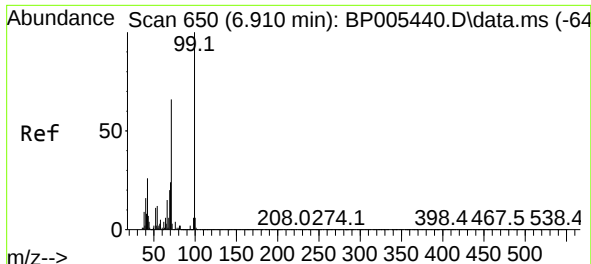
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#5
2-Fluorophenol
Concen: 58.08 ng
RT: 5.270 min Scan# 371
Delta R.T. 0.000 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

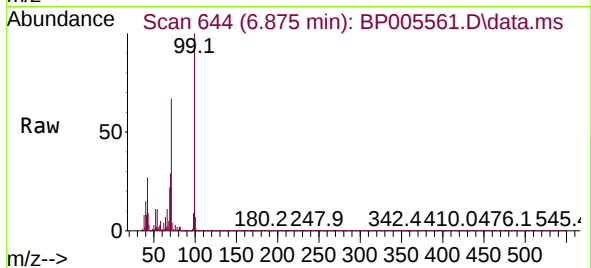
Tgt Ion:112 Resp: 51143
Ion Ratio Lower Upper
112 100
64 57.9 33.6 50.4#
63 46.1 18.6 27.8#





#7
Phenol-d6
Concen: 81.20 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

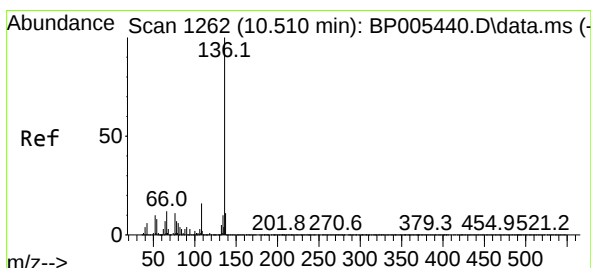
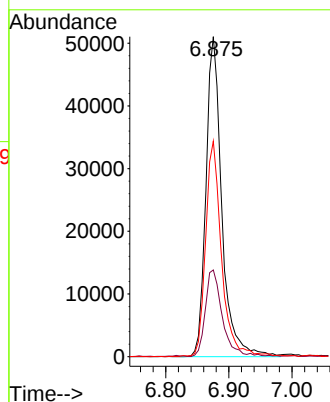
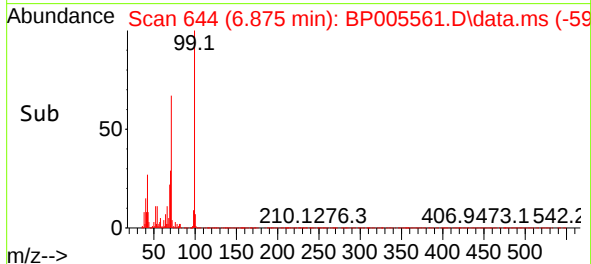
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BNA_P
ClientSampleId :
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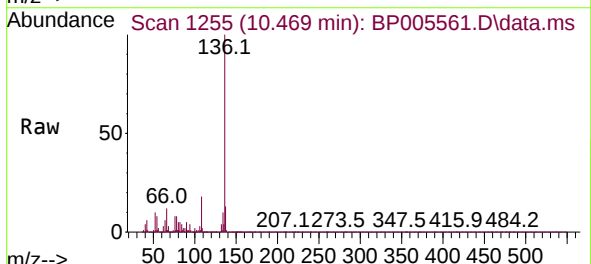
Tgt Ion: 99 Resp: 89151
Ion Ratio Lower Upper
99 100
42 27.1 12.9 19.3#
71 67.3 26.7 40.1#

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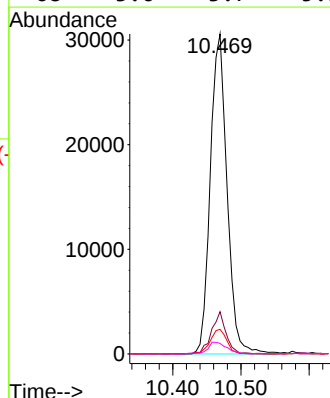
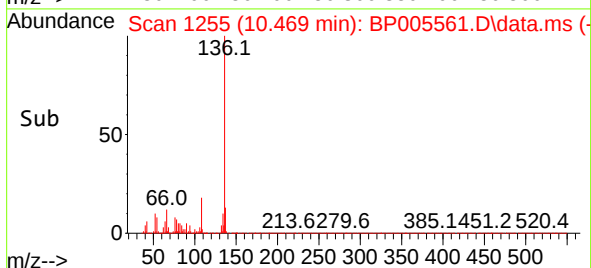
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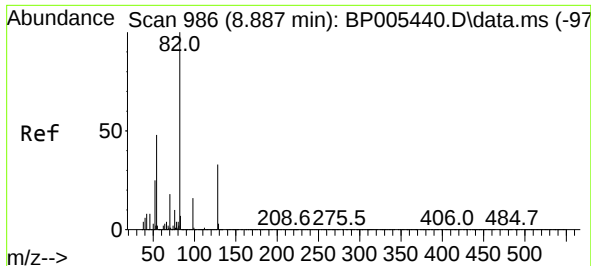


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05



Tgt Ion: 136 Resp: 52388
Ion Ratio Lower Upper
136 100
137 13.2 8.9 13.3
54 7.7 5.0 7.4#
68 3.6 3.7 5.5#





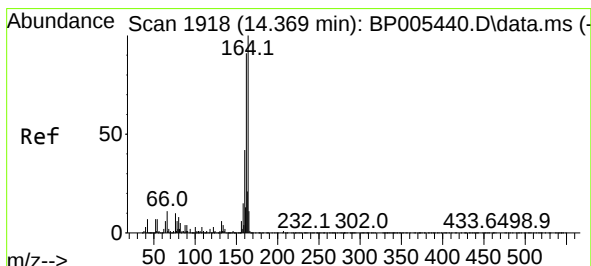
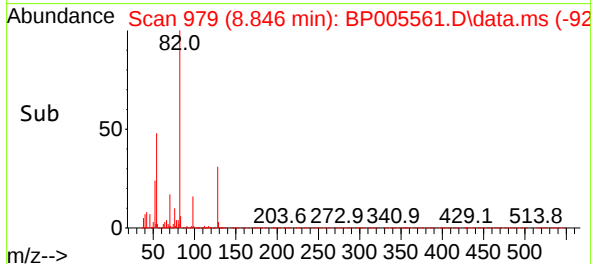
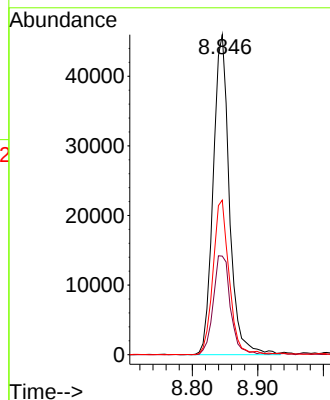
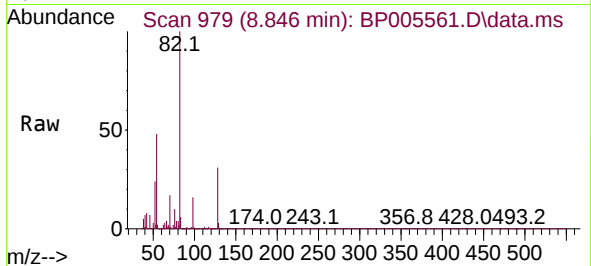
#23
Nitrobenzene-d5
Concen: 59.30 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

Tgt Ion:	82	Resp:	78931
Ion Ratio	Lower	Upper	
82	100		
128	30.8	30.5	45.7
54	48.3	33.9	50.9

Instrument :
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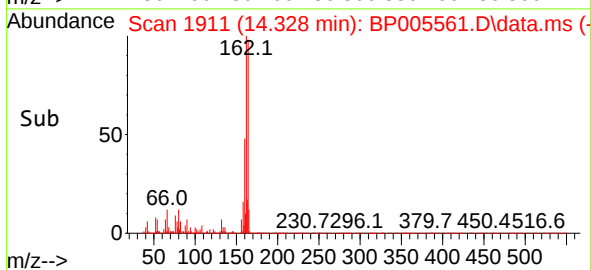
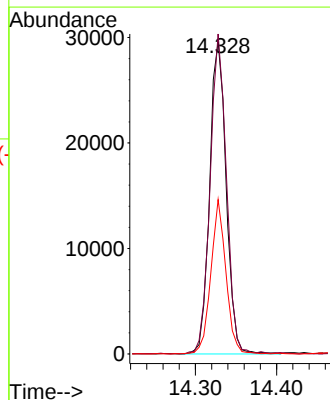
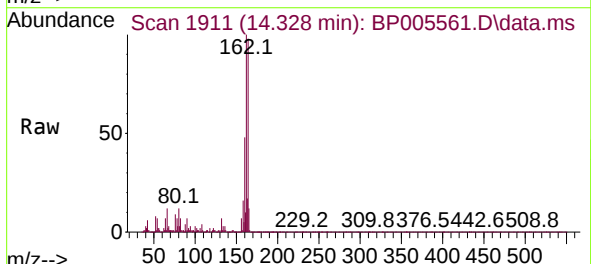
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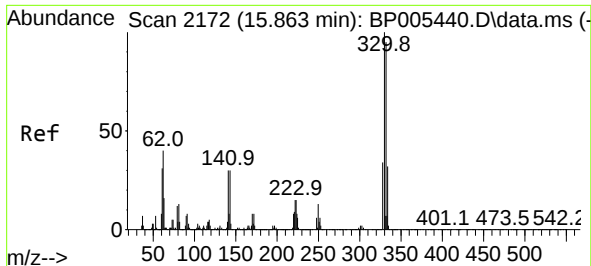
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

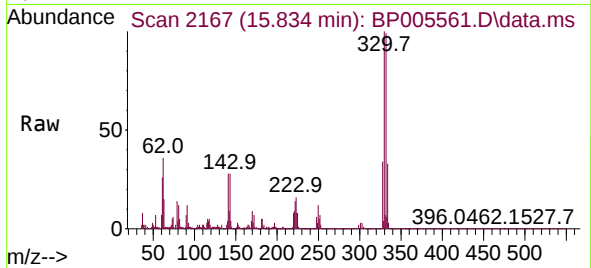
Tgt Ion:	164	Resp:	41760
Ion Ratio	Lower	Upper	
164	100		
162	102.5	73.5	110.3
160	49.5	40.6	61.0





#42
2,4,6-Tribromophenol
Concen: 35.53 ng
RT: 15.834 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

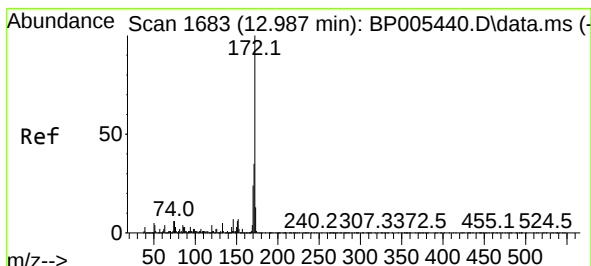
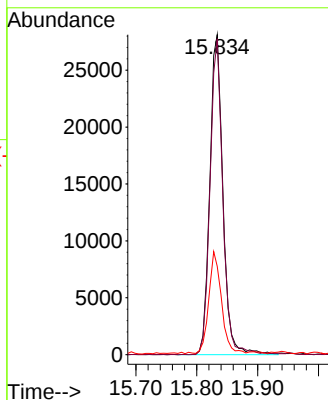
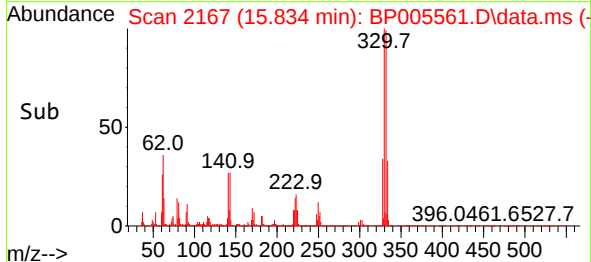
Instrument :
BNA_P
ClientSampleId :
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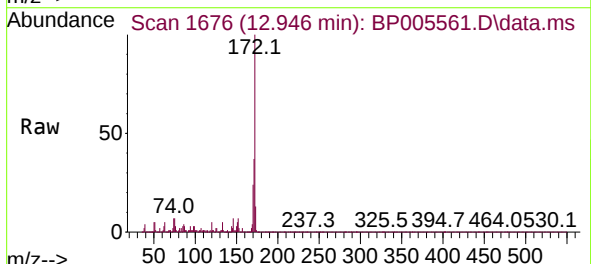
Tgt Ion: 330 Resp: 42099
Ion Ratio Lower Upper
330 100
332 96.1 76.3 114.5
141 31.1 22.8 34.2

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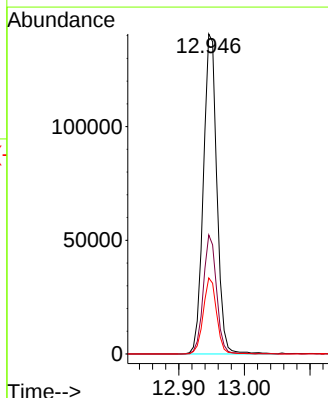
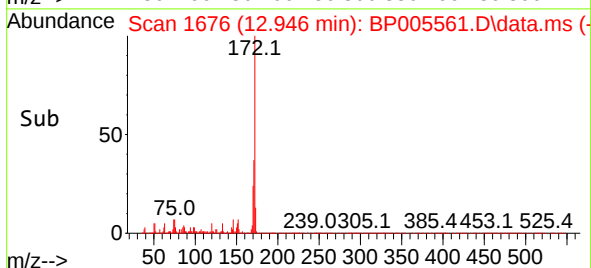
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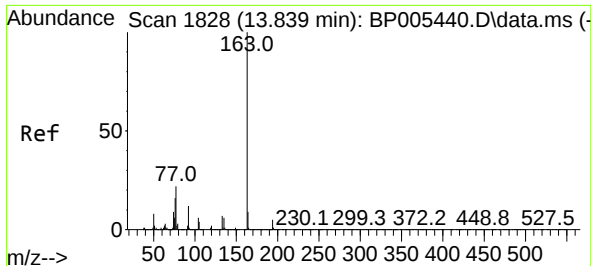


#45
2-Fluorobiphenyl
Concen: 54.69 ng
RT: 12.946 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05



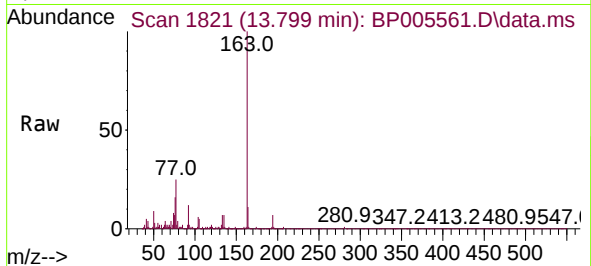
Tgt Ion: 172 Resp: 202467
Ion Ratio Lower Upper
172 100
171 37.2 28.1 42.1
170 23.8 19.6 29.4





#50
Dimethylphthalate
Concen: 6.80 ng
RT: 13.799 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

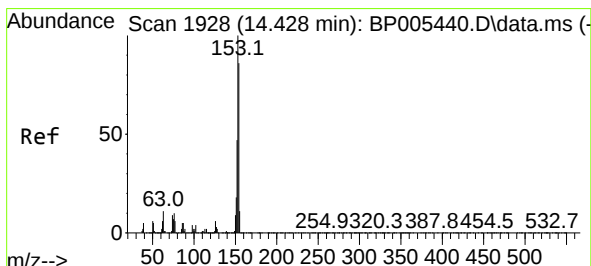
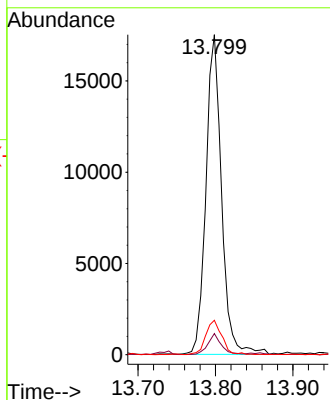
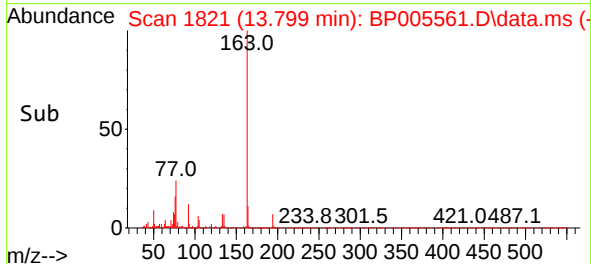
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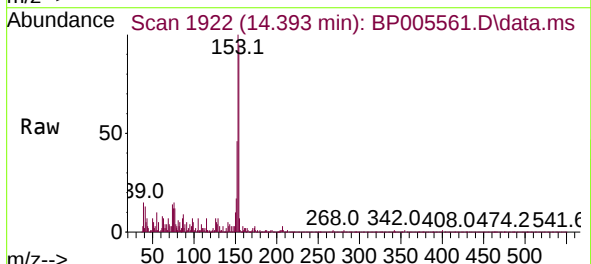
Tgt Ion:163 Resp: 24505
Ion Ratio Lower Upper
163 100
194 6.6 3.9 5.9#
164 10.8 8.1 12.1

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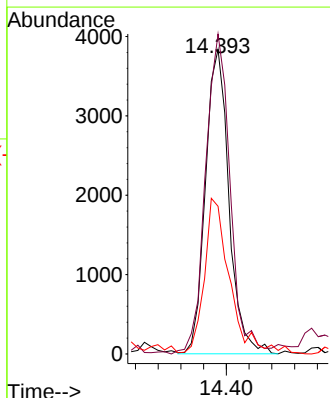
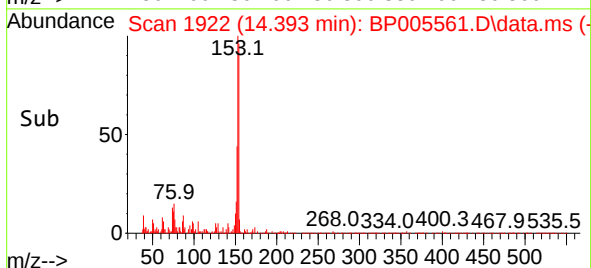
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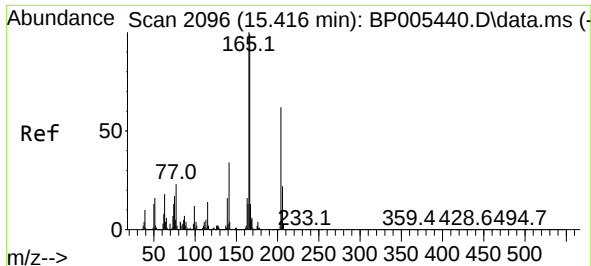


#52
Acenaphthene
Concen: 2.29 ng
RT: 14.393 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05



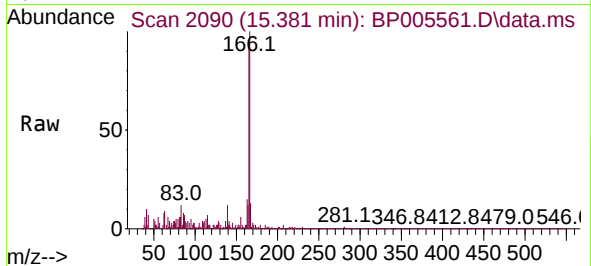
Tgt Ion:154 Resp: 5501
Ion Ratio Lower Upper
154 100
153 105.1 90.9 136.3
152 48.5 48.5 72.7





#58
Fluorene
Concen: 2.70 ng
RT: 15.381 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

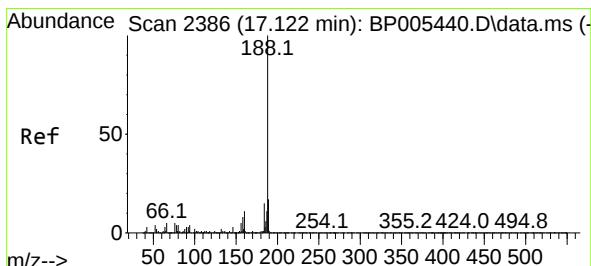
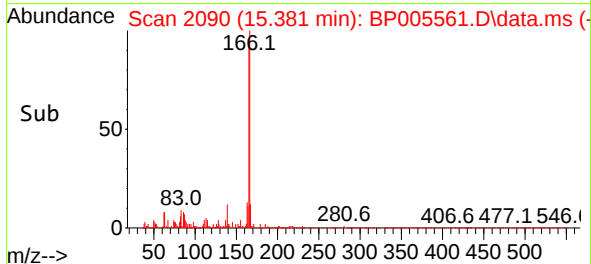
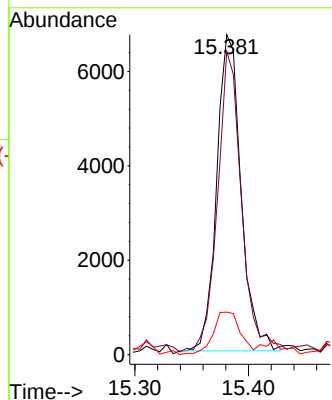
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:166 Resp: 9957
Ion Ratio Lower Upper
166 100
165 94.7 78.8 118.2
167 13.3 10.9 16.3

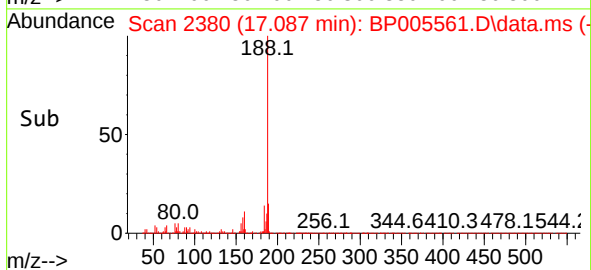
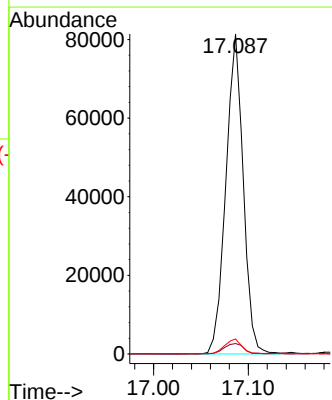
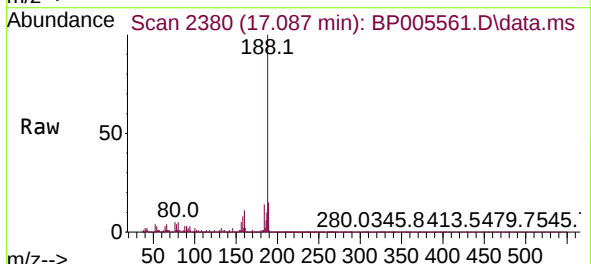
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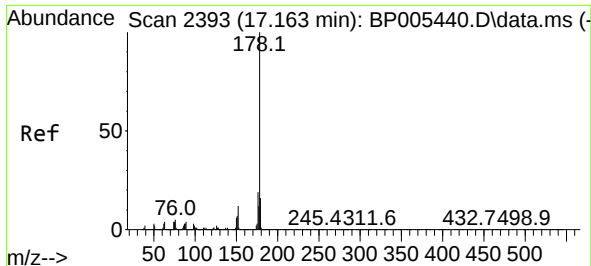
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.087 min Scan# 2380
Delta R.T. 0.000 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

Tgt Ion:188 Resp: 103857
Ion Ratio Lower Upper
188 100
94 3.3 5.0 7.6#
80 4.7 5.9 8.9#





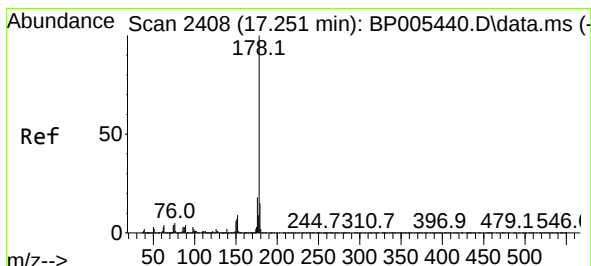
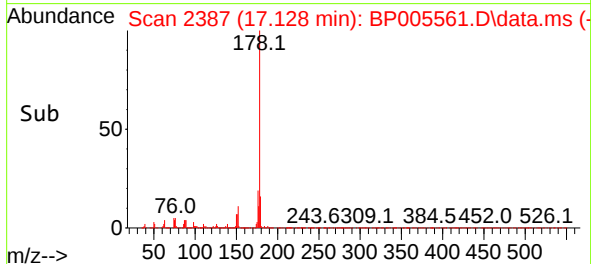
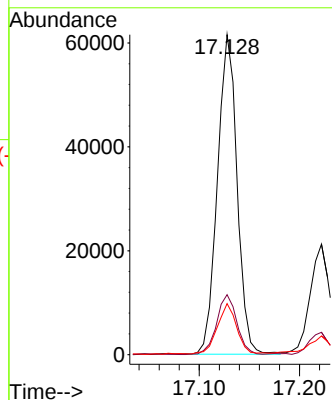
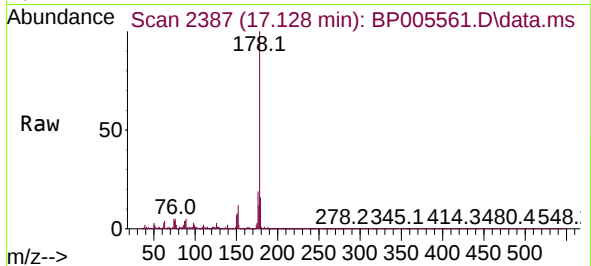
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Phenanthrene
Concen: 14.19 ng
RT: 17.128 min Scan# 2387
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

Tgt Ion:	178	Resp:	83739
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.4	23.2
179	16.0	12.3	18.5

Instrument :
BNA_P
ClientSampleId :
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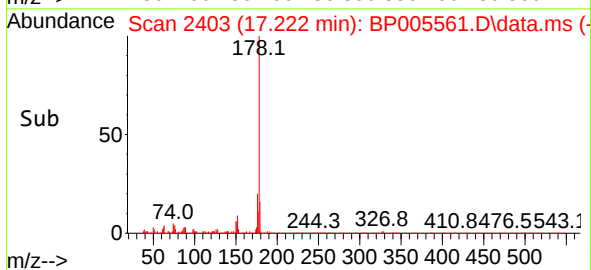
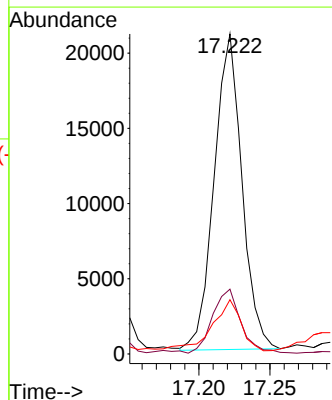
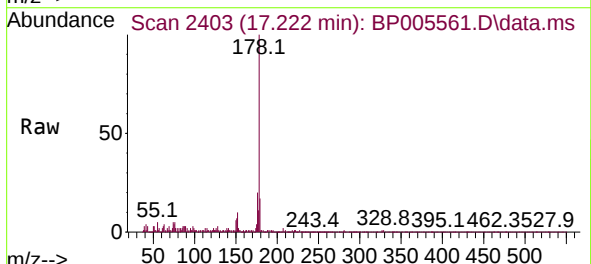
Manual Integrations
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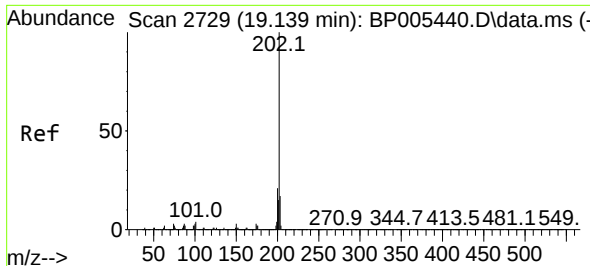
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#72
Anthracene
Concen: 4.87 ng
RT: 17.222 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

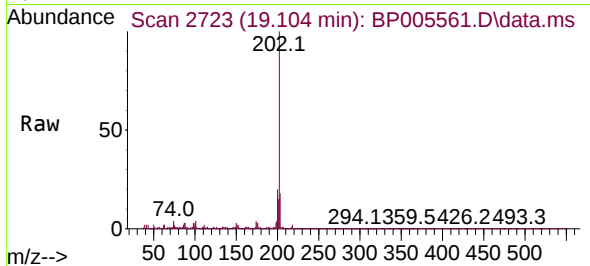
Tgt Ion:	178	Resp:	28546
Ion Ratio	Lower	Upper	
178	100		
176	20.3	15.2	22.8
179	17.0	12.6	19.0





#75
Fluoranthene
Concen: 21.92 ng
RT: 19.104 min Scan# 2723
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

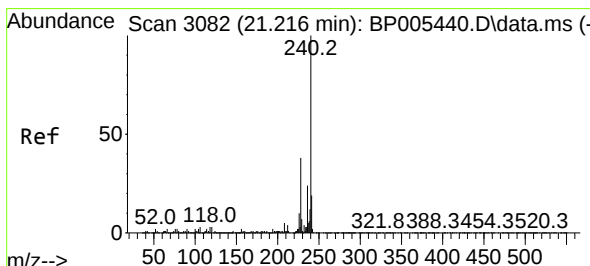
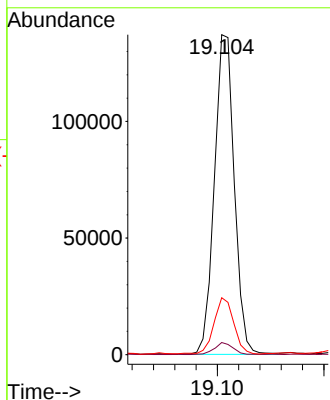
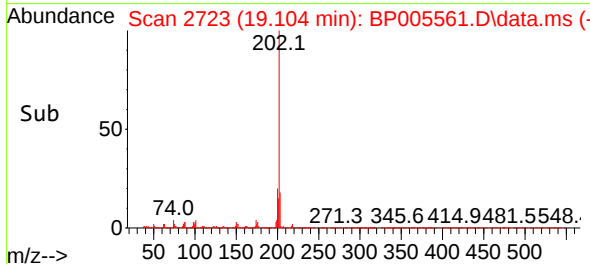
Instrument :
BNA_P
ClientSampleId :
SB-01-COMP



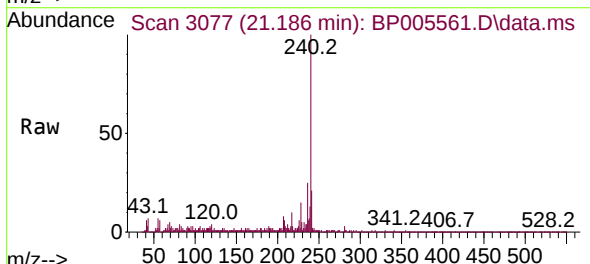
Tgt Ion:202 Resp: 177907
Ion Ratio Lower Upper
202 100
101 3.8 0.0 26.1
203 17.8 0.0 37.2

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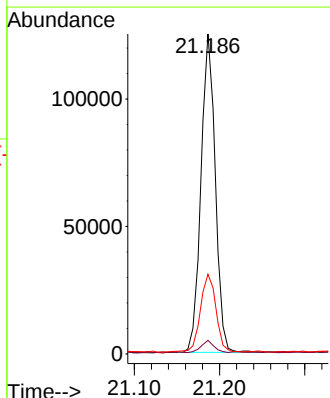
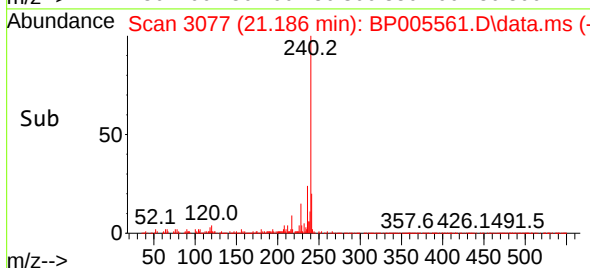
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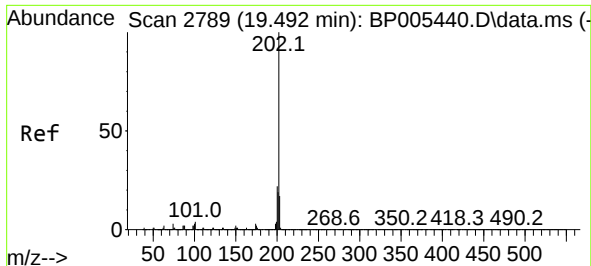


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05



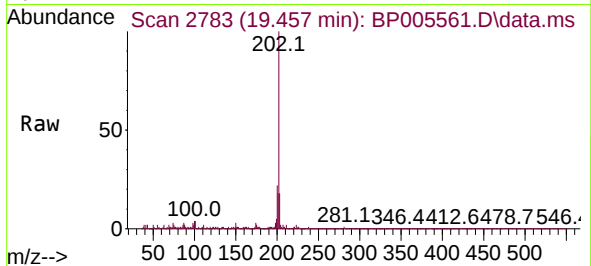
Tgt Ion:240 Resp: 145812
Ion Ratio Lower Upper
240 100
120 4.2 4.2 6.2
236 24.9 20.2 30.2





#78
Pyrene
Concen: 18.83 ng
RT: 19.457 min Scan# 2783
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

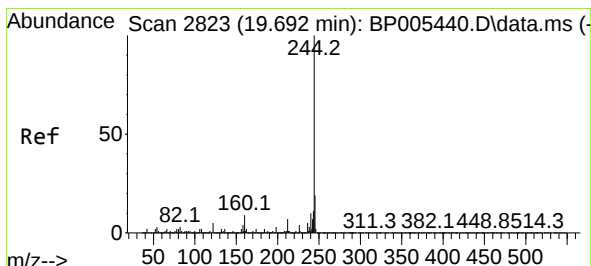
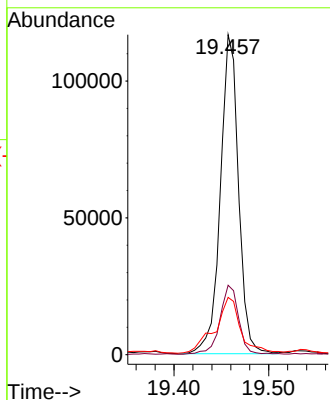
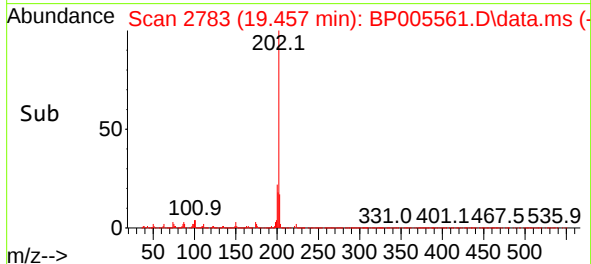
Instrument :
BNA_P
ClientSampleId :
SB-01-COMP



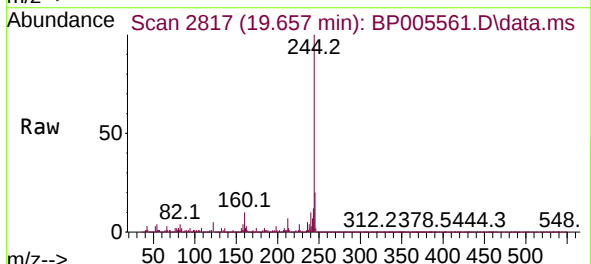
Tgt Ion:202 Resp: 155473
Ion Ratio Lower Upper
202 100
200 21.7 16.9 25.3
203 17.9 13.8 20.6

Manual Integrations
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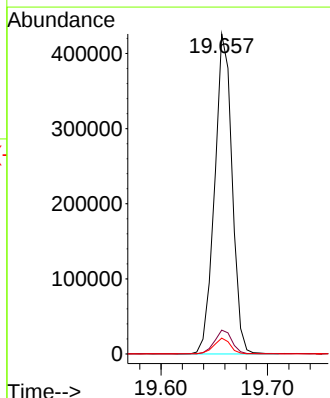
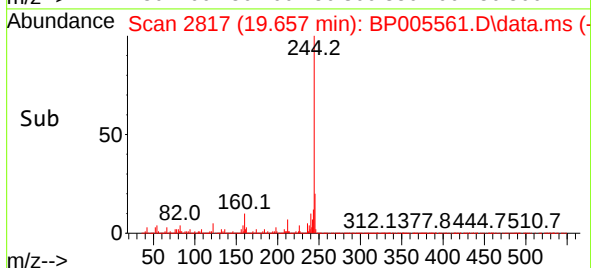
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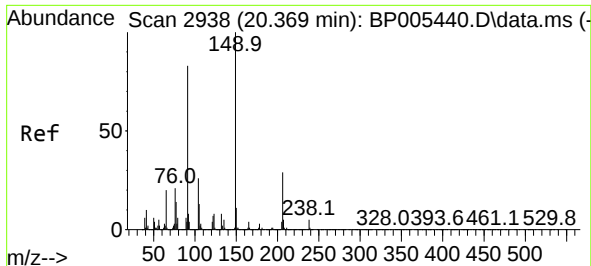


#79
Terphenyl-d14
Concen: 56.45 ng
RT: 19.657 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05



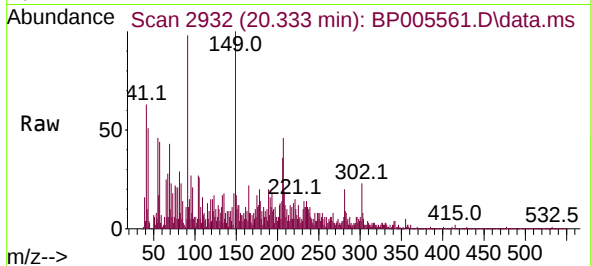
Tgt Ion:244 Resp: 484648
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 4.9 5.2 7.8#





#80
Butylbenzylphthalate
Concen: 3.85 ng
RT: 20.333 min Scan# 2932
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

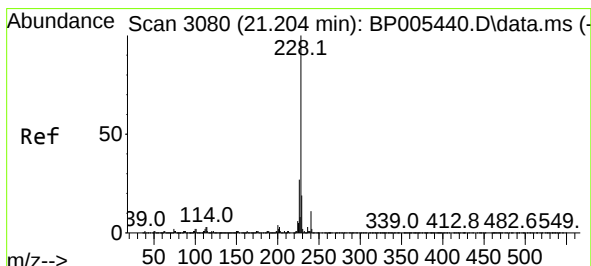
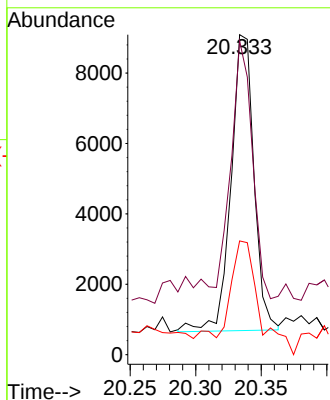
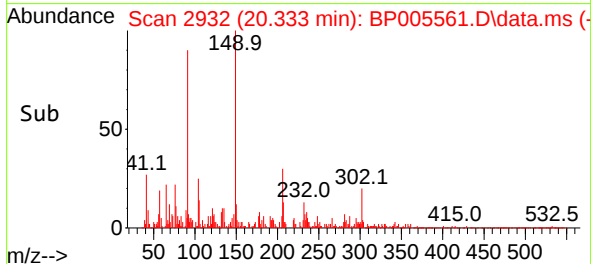
Instrument :
BNA_P
ClientSampleId :
SB-01-COMP



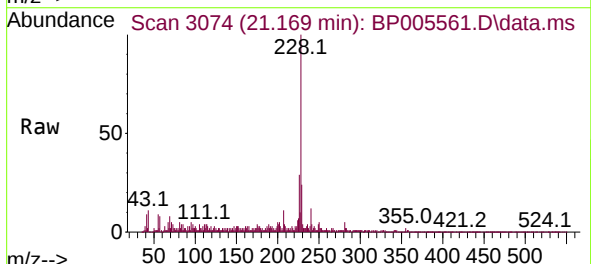
Tgt Ion:149 Resp: 10267
Ion Ratio Lower Upper
149 100
91 98.1 60.2 90.4#
206 35.5 23.9 35.9

Manual Integrations
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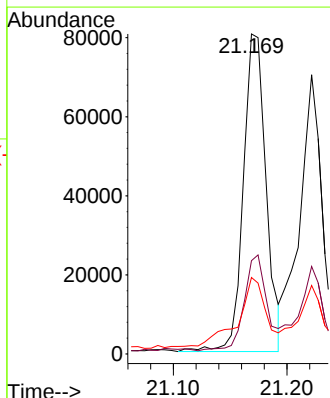
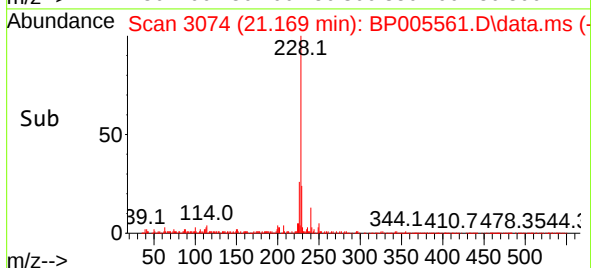
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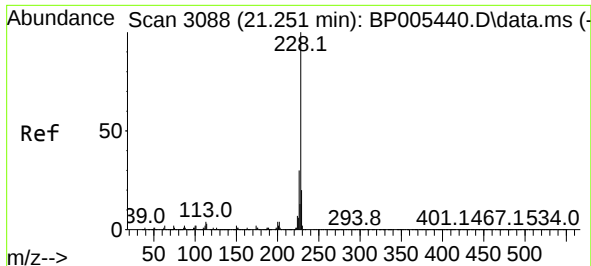


#81
Benzo(a)anthracene
Concen: 11.84 ng
RT: 21.169 min Scan# 3074
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05



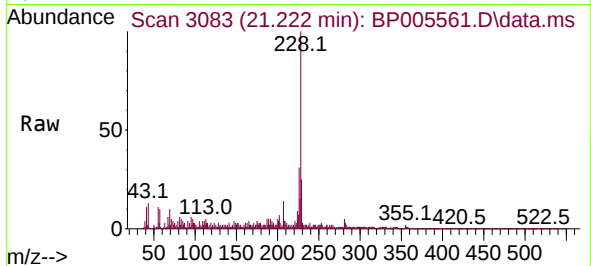
Tgt Ion:228 Resp: 111868
Ion Ratio Lower Upper
228 100
226 29.2 21.2 31.8
229 23.9 15.6 23.4#





#83
Chrysene
Concen: 10.40 ng
RT: 21.222 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

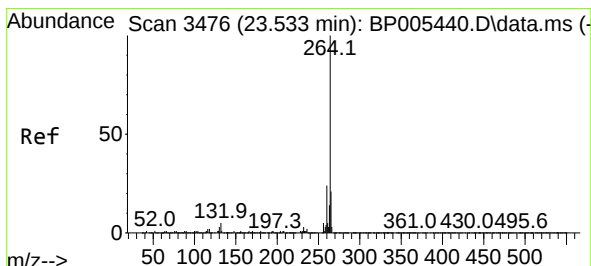
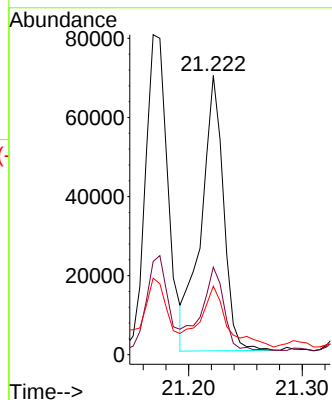
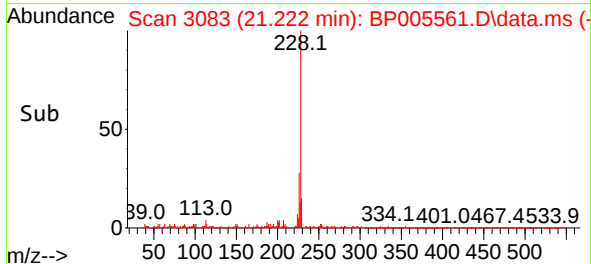
Instrument :
BNA_P
ClientSampleId :
SB-01-COMP



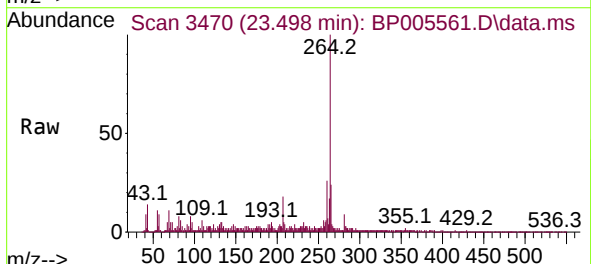
Tgt Ion:228 Resp: 95261
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 24.5 15.4 23.0#

Manual Integrations
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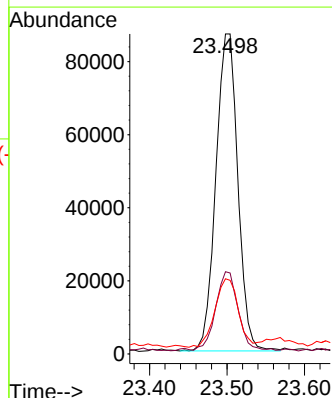
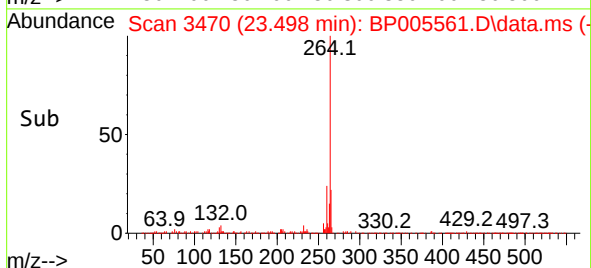
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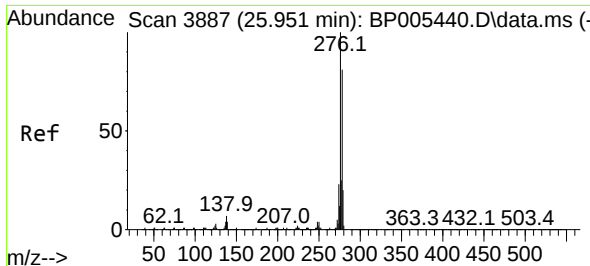


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.498 min Scan# 3470
Delta R.T. 0.000 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05



Tgt Ion:264 Resp: 171018
Ion Ratio Lower Upper
264 100
260 25.7 20.6 30.8
265 23.5 19.0 28.6





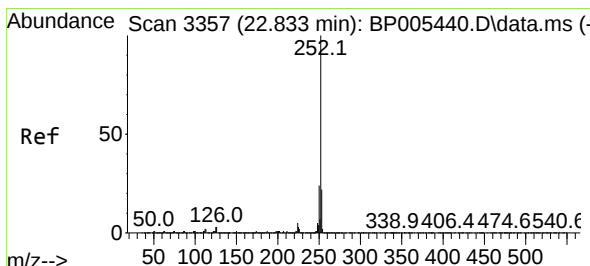
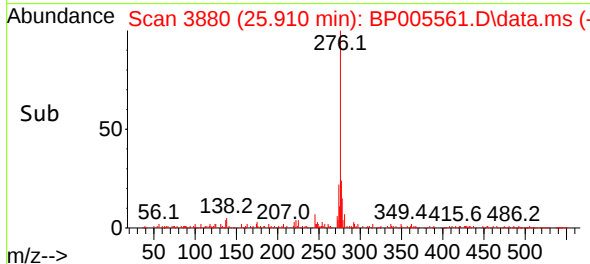
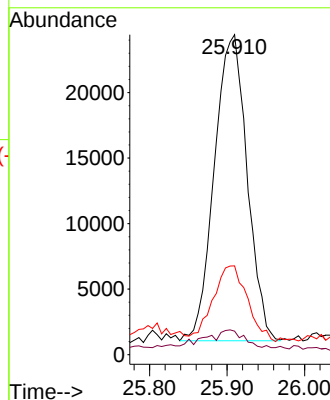
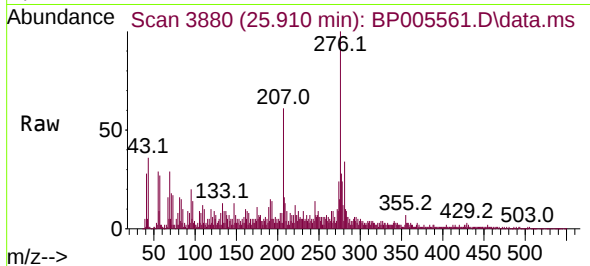
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.78 ng
RT: 25.910 min Scan# 3880
Delta R.T. 0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

Tgt Ion: 276 Resp: 68774
Ion Ratio Lower Upper
276 100
138 8.0 8.4 12.6#
277 26.1 20.6 31.0

Instrument :
BNA_P
ClientSampled :
SB-01-COMP

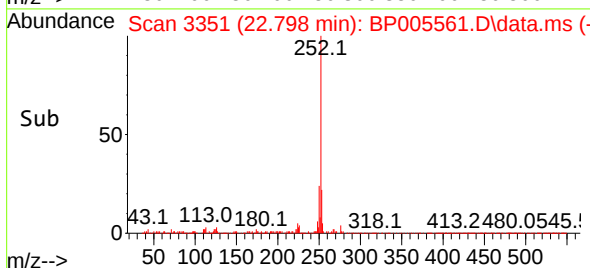
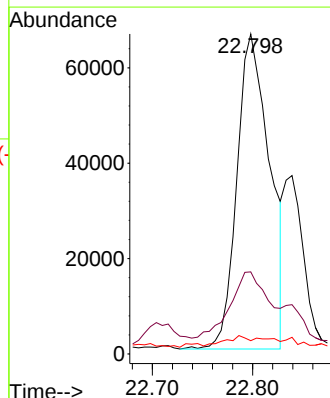
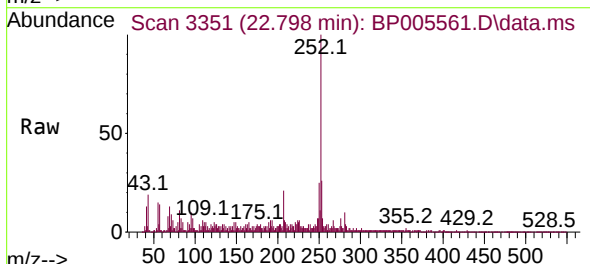
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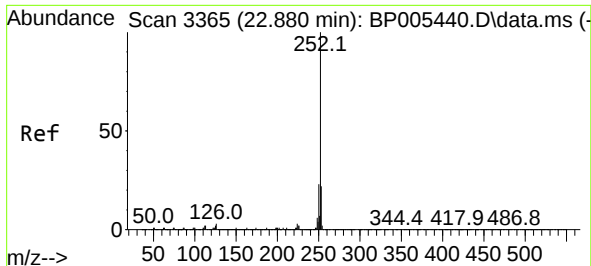
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#88
Benzo(b)fluoranthene
Concen: 13.20 ng
RT: 22.798 min Scan# 3351
Delta R.T. 0.000 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

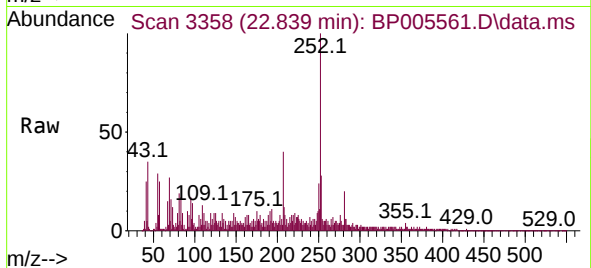
Tgt Ion: 252 Resp: 150427
Ion Ratio Lower Upper
252 100
253 25.6 18.2 27.2
125 4.1 3.4 5.0





#89
Benzo(k)fluoranthene
Concen: 4.49 ng m
RT: 22.839 min Scan# 3358
Delta R.T. -0.006 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

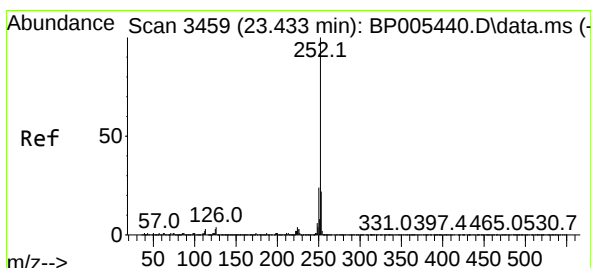
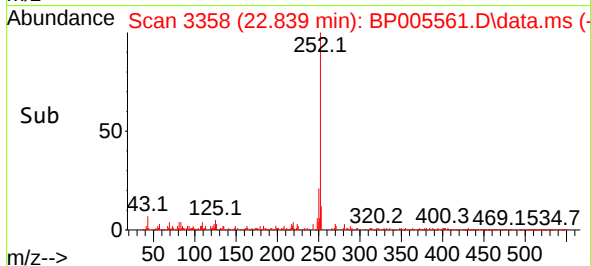
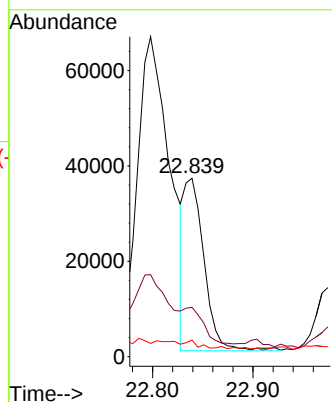
Instrument :
BNA_P
ClientSampleId :
SB-01-COMP



Tgt Ion:252 Resp: 50024
Ion Ratio Lower Upper
252 100
253 27.6 17.2 25.8#
125 9.4 3.8 5.6#

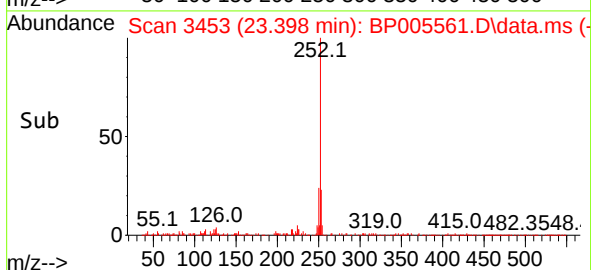
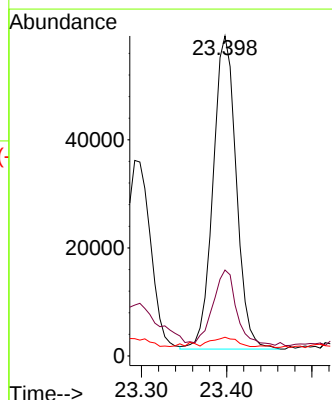
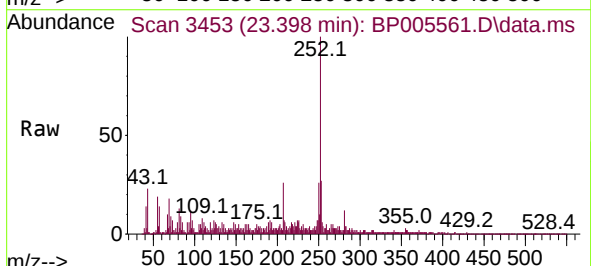
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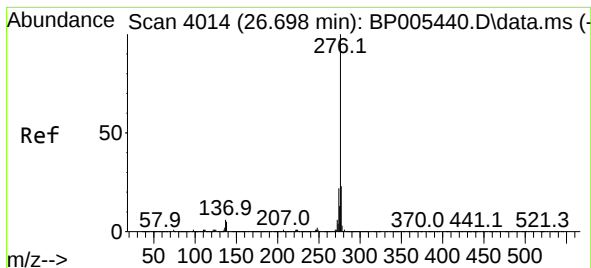
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#90
Benzo(a)pyrene
Concen: 10.51 ng
RT: 23.398 min Scan# 3453
Delta R.T. 0.000 min
Lab File: BP005561.D
Acq: 14 May 2021 22:05

Tgt Ion:252 Resp: 109786
Ion Ratio Lower Upper
252 100
253 26.8 17.1 25.7#
125 5.8 3.8 5.6#





#92

Benzo(g,h,i)perylene

Concen: 5.65 ng

RT: 26.639 min Scan# 4004

Delta R.T. 0.000 min

Lab File: BP005561.D

Acq: 14 May 2021 22:05

Tgt Ion: 276 Resp: 66332

Ion Ratio Lower Upper

276 100

277 28.7 19.8 29.8

138 7.6 7.7 11.5#

Instrument :

BNA_P

ClientSampleId :

SB-01-COMP

Manual Integrations

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