

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033121\
 Data File : BP005122.D
 Acq On : 31 Mar 2021 12:43
 Operator : CG/JU
 Sample : M1838-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PHC-BEAPT-001

Manual Integrations
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Quant Time: Mar 31 13:35:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 10:07:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	35167	20.00	ng	# 0.00
21) Naphthalene-d8	10.499	136	156679	20.00	ng	#-0.01
39) Acenaphthene-d10	14.363	164	103940	20.00	ng	-0.01
64) Phenanthrene-d10	17.122	188	212714	20.00	ng	#-0.01
76) Chrysene-d12	21.222	240	211745	20.00	ng	-0.01
86) Perylene-d12	23.504	264	222364	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.311	112	225321	98.60	ng	0.00
7) Phenol-d6	6.887	99	302664	92.47	ng	0.00
23) Nitrobenzene-d5	8.869	82	198806	54.44	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	137714	101.69	ng	-0.01
45) 2-Fluorobiphenyl	12.981	172	400823	52.17	ng	0.00
79) Terphenyl-d14	19.698	244	554103	47.64	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.911	94	9371	2.79	ng	# 64
27) 2,4-Dimethylphenol	9.687	122	5685	2.37	ng	88
49) Acenaphthylene	14.087	152	20304	2.02	ng	99
52) Acenaphthene	14.428	154	28563	4.62	ng	95
55) Dibenzofuran	14.763	168	22046	2.18	ng	# 95
58) Fluorene	15.416	166	39766	4.87	ng	99
71) Phenanthrene	17.169	178	511190	41.45	ng	99
72) Anthracene	17.257	178	121553	10.09	ng	98
73) Carbazole	17.534	167	34422	3.04	ng	98
75) Fluoranthene	19.145	202	742145	51.15	ng	99
78) Pyrene	19.498	202	919825	63.22	ng	97
81) Benzo(a)anthracene	21.204	228	362649	25.21	ng	98
83) Chrysene	21.257	228	461609	32.69	ng	96
87) Indeno(1,2,3-cd)pyrene	25.839	276	185049	11.10	ng	# 92
88) Benzo(b)fluoranthene	22.816	252	401413m	25.42	ng	
89) Benzo(k)fluoranthene	22.857	252	130607m	8.63	ng	
90) Benzo(a)pyrene	23.404	252	300423m	21.22	ng	
91) Dibenzo(a,h)anthracene	25.845	278	51370	3.56	ng	# 94
92) Benzo(g,h,i)perylene	26.562	276	182693	13.13	ng	96

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

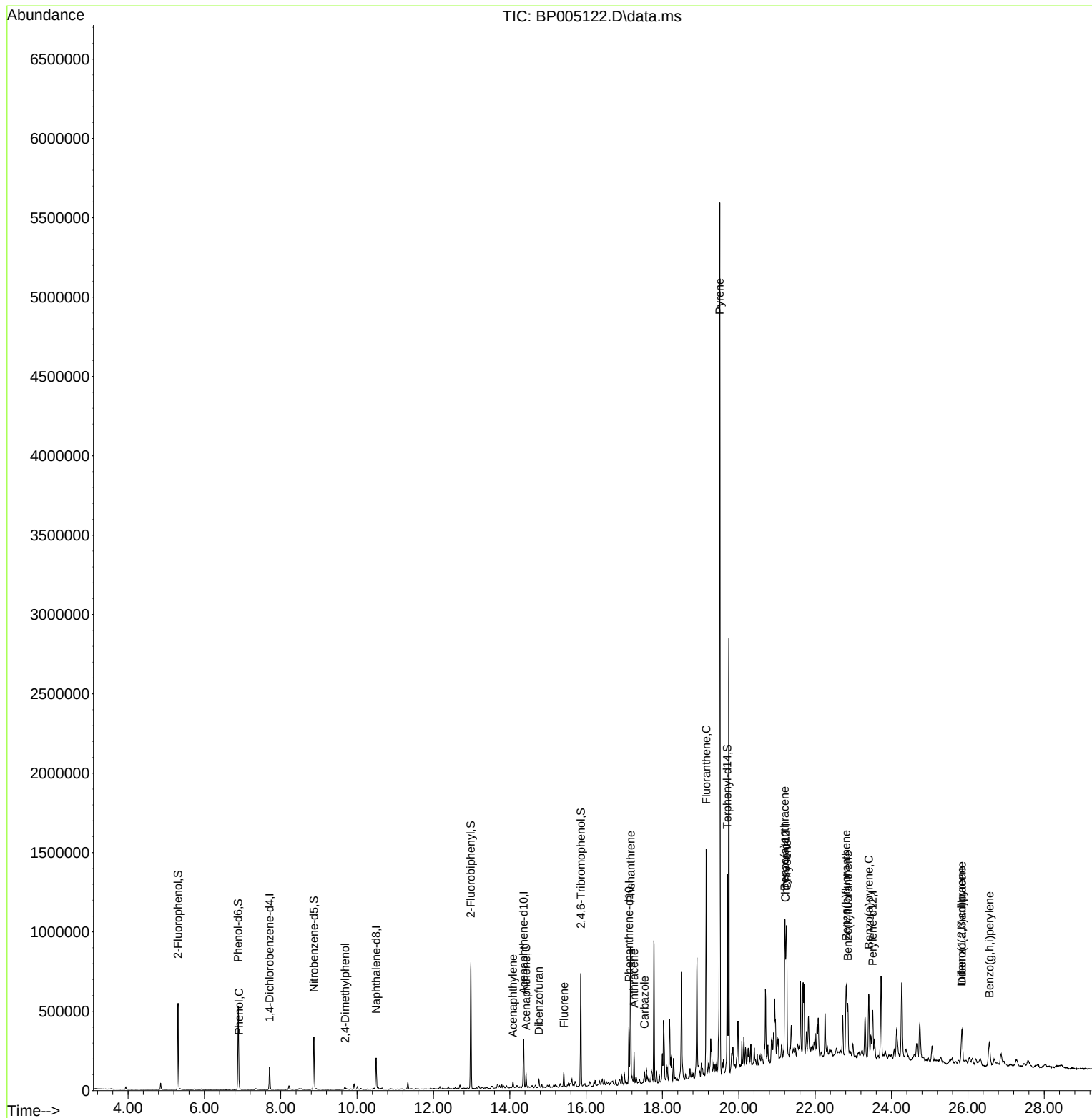
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033121\
Data File : BP005122.D
Acq On : 31 Mar 2021 12:43
Operator : CG/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

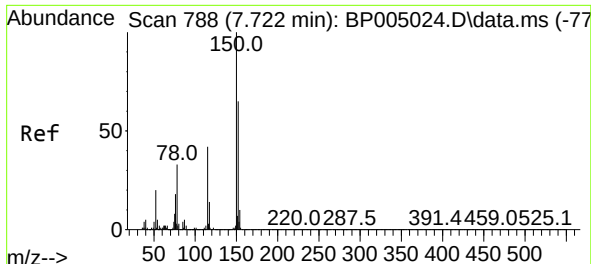
Instrument :
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PHC-BEAPT-001

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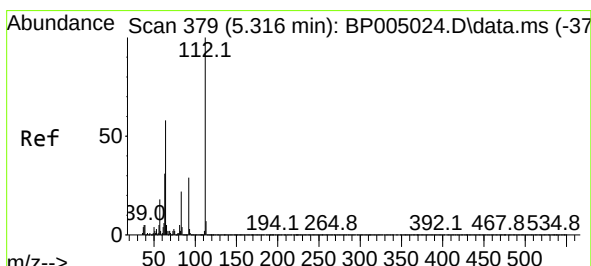
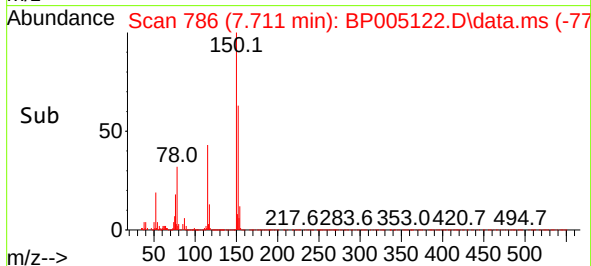
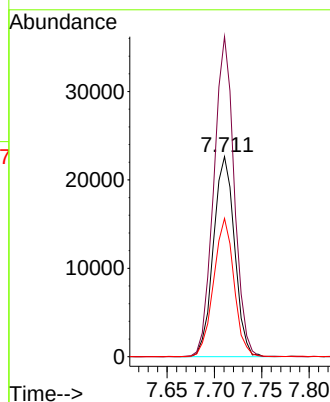
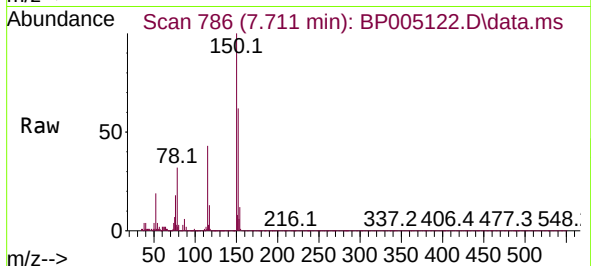
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.711 min Scan# 786
Delta R.T. -0.005 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

Tgt Ion:152 Resp: 35167
Ion Ratio Lower Upper
152 100
150 160.0 123.8 185.6
115 69.1 43.8 65.6#

Instrument :
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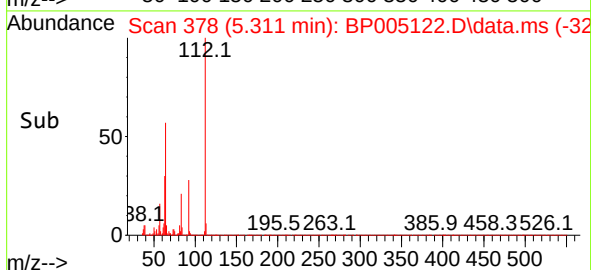
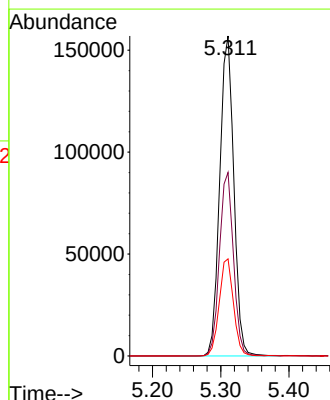
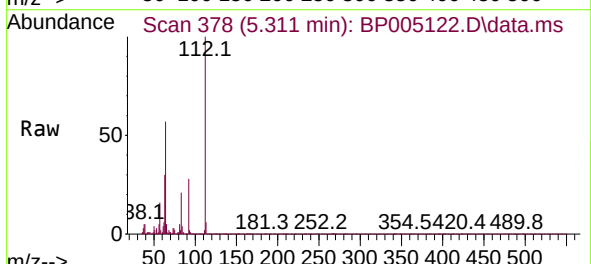
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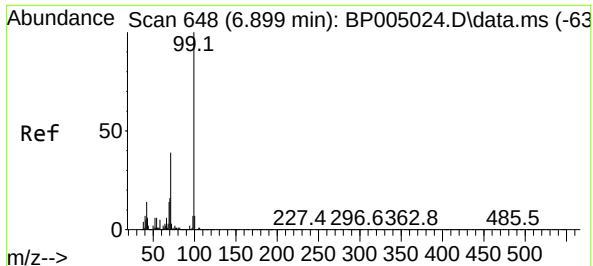
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#5
2-Fluorophenol
Concen: 98.60 ng
RT: 5.311 min Scan# 378
Delta R.T. -0.000 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

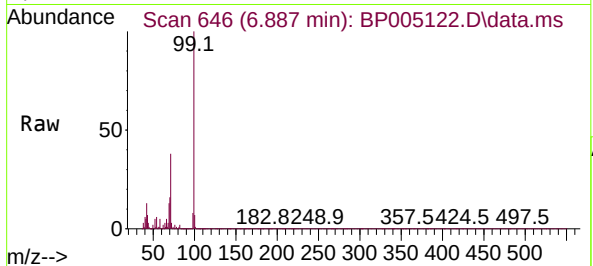
Tgt Ion:112 Resp: 225321
Ion Ratio Lower Upper
112 100
64 57.4 32.8 49.2#
63 30.4 17.0 25.4#





#7
Phenol-d6
Concen: 92.47 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

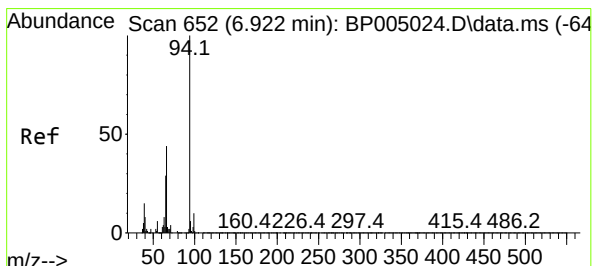
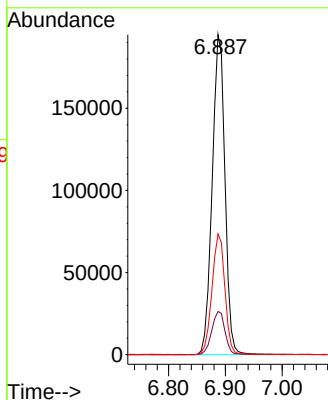
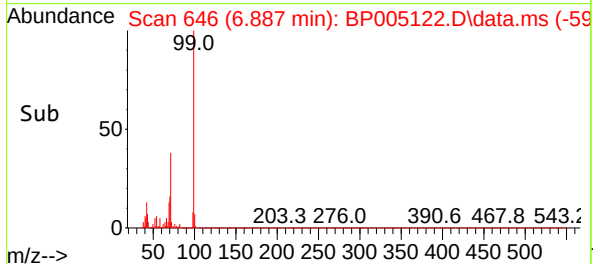
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BNA_P
ClientSampleId :
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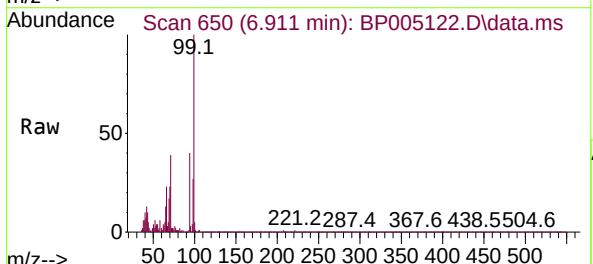
Tgt Ion: 99 Resp: 302664
Ion Ratio Lower Upper
99 100
42 13.5 8.6 13.0#
71 37.7 23.4 35.2#

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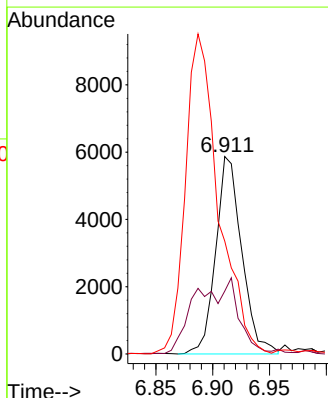
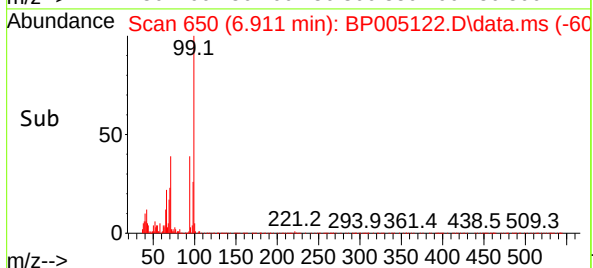
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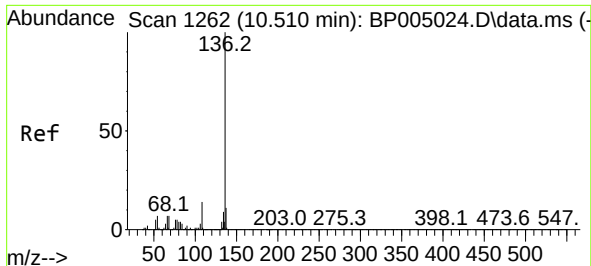


#10
Phenol
Concen: 2.79 ng
RT: 6.911 min Scan# 650
Delta R.T. -0.012 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43



Tgt Ion: 94 Resp: 9371
Ion Ratio Lower Upper
94 100
65 31.8 2.3 42.3
66 57.1 10.9 50.9#





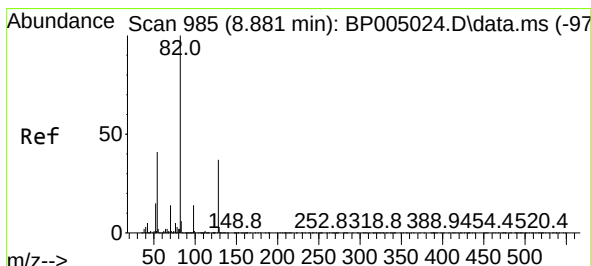
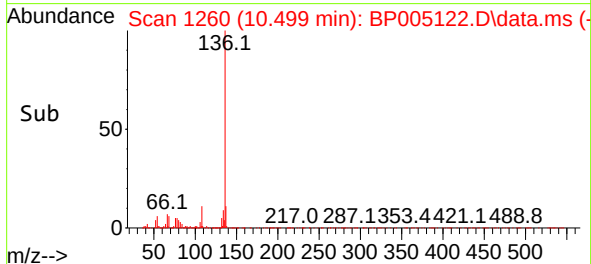
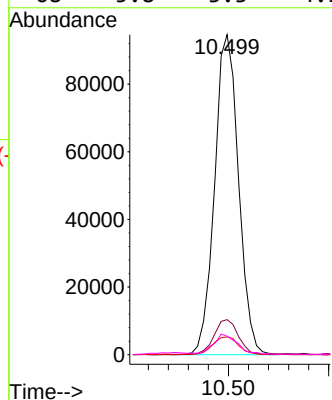
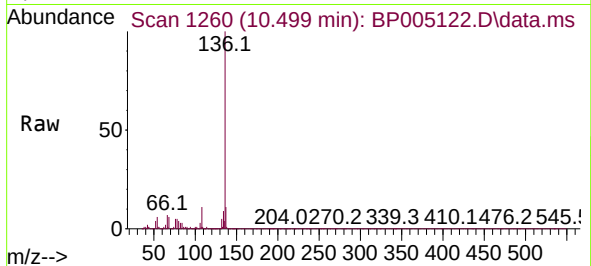
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.499 min Scan# 1260
Delta R.T. -0.012 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

Tgt Ion:	136	Resp:	156679
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	5.6	3.6	5.4#
68	5.8	3.3	4.9#

Instrument :
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ClientSampleId :
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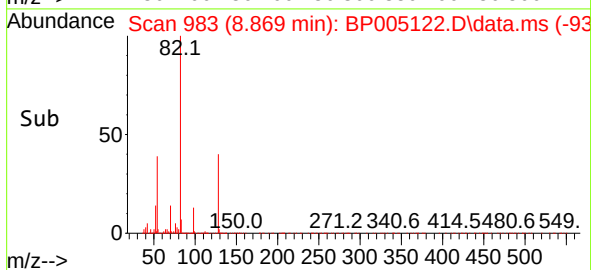
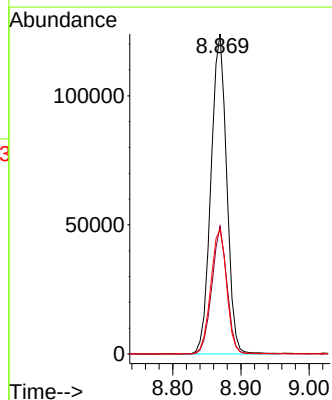
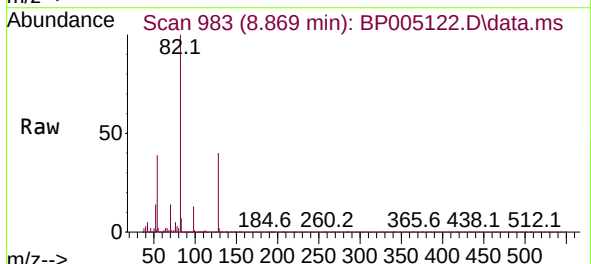
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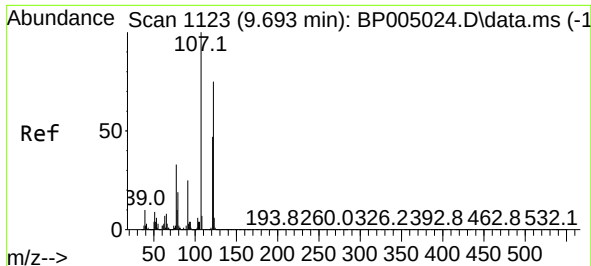
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#23
Nitrobenzene-d5
Concen: 54.44 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.012 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

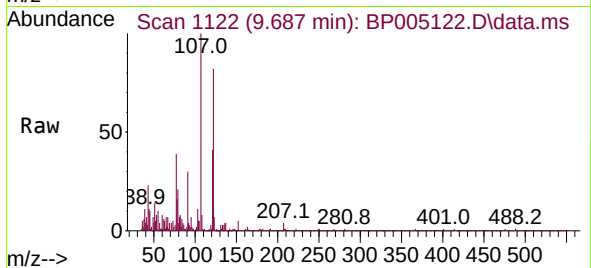
Tgt Ion:	82	Resp:	198806
Ion Ratio	Lower	Upper	
82	100		
128	40.0	45.6	68.4#
54	39.0	30.1	45.1





#27
2,4-Dimethylphenol
Concen: 2.37 ng
RT: 9.687 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

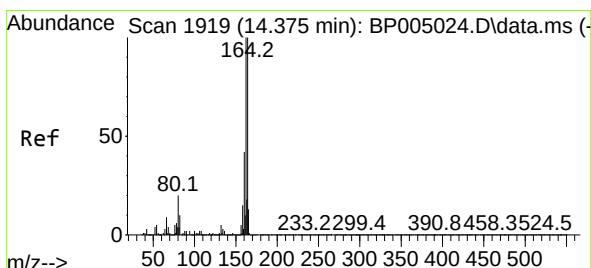
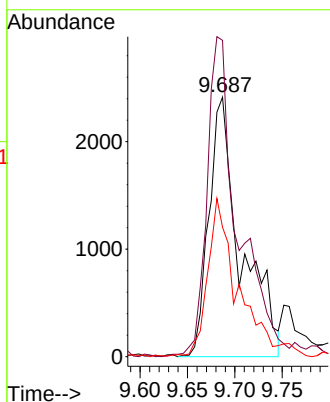
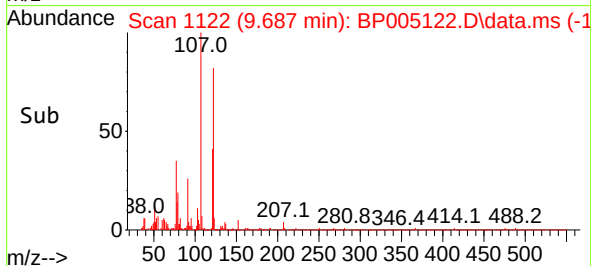
Instrument :
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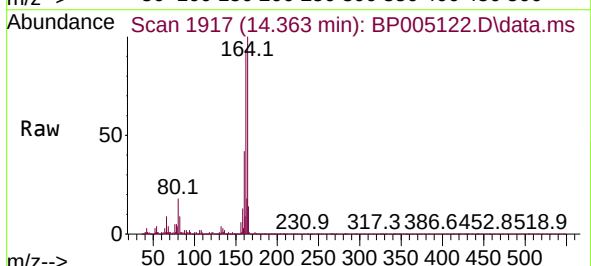
Tgt Ion:122 Resp: 5685
Ion Ratio Lower Upper
122 100
107 121.9 87.3 130.9
121 49.9 47.3 70.9

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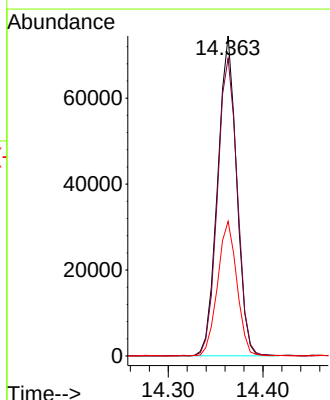
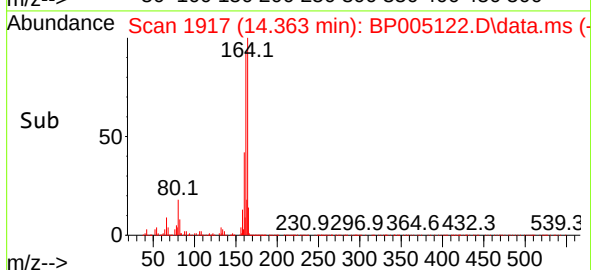
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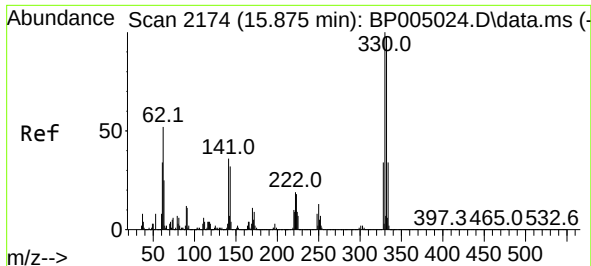


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43



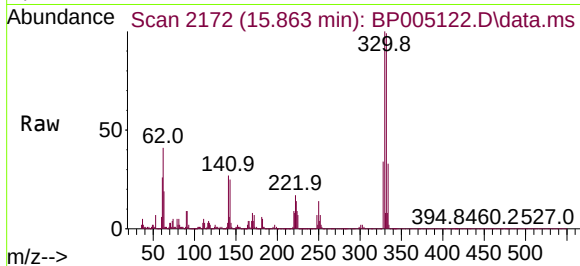
Tgt Ion:164 Resp: 103940
Ion Ratio Lower Upper
164 100
162 93.1 79.4 119.2
160 42.0 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 101.69 ng
RT: 15.863 min Scan# 2172
Delta R.T. -0.012 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

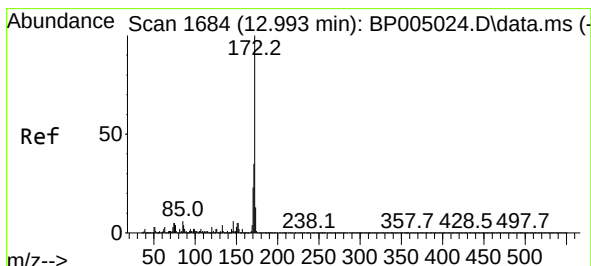
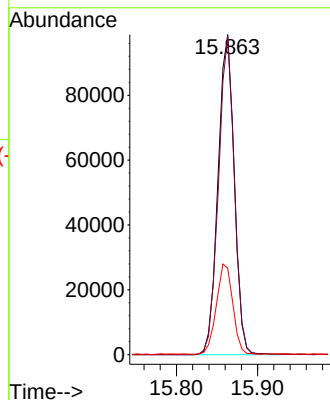
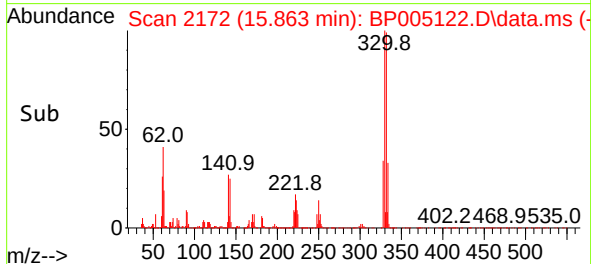
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ClientSampleId :
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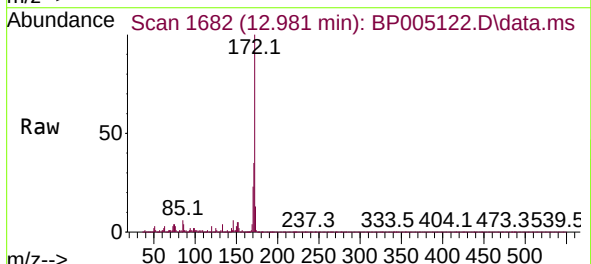
Tgt Ion: 330 Resp: 137714
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 28.4 23.4 35.2

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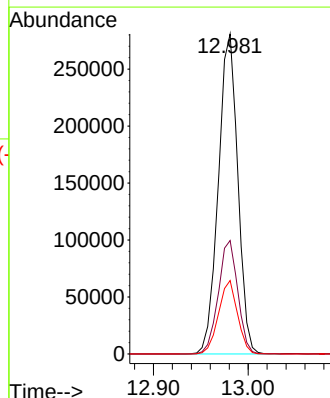
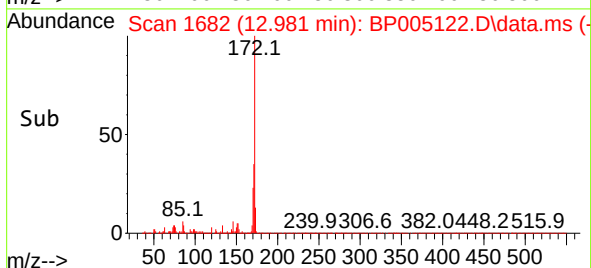
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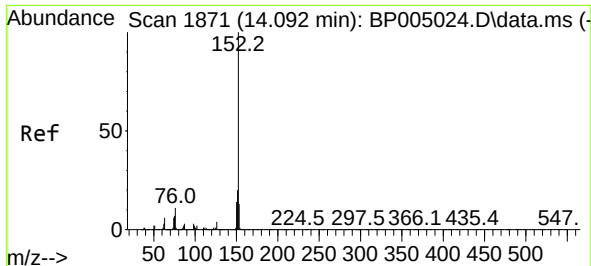


#45
2-Fluorobiphenyl
Concen: 52.17 ng
RT: 12.981 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43



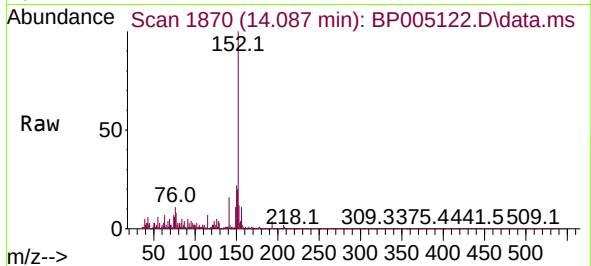
Tgt Ion: 172 Resp: 400823
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 22.9 19.2 28.8





#49
Acenaphthylene
Concen: 2.02 ng
RT: 14.087 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

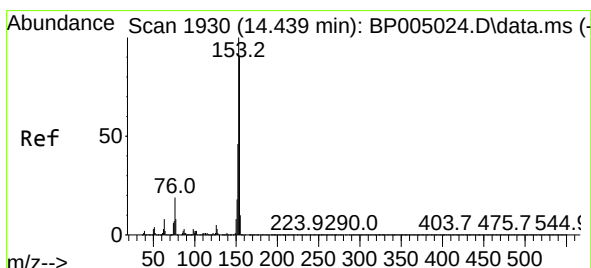
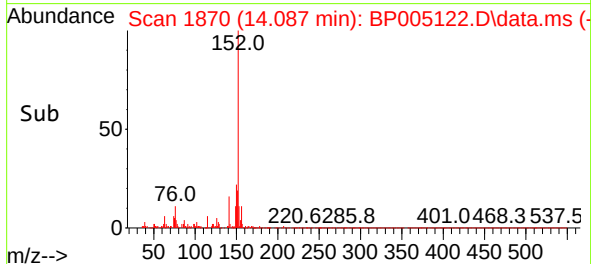
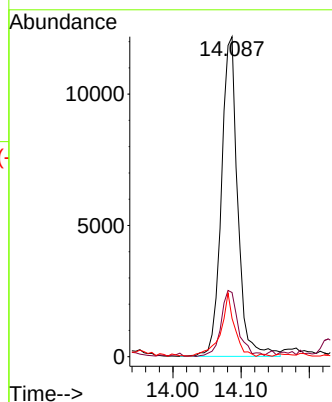
Instrument :
BNA_P
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Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	11.9	10.5	15.7

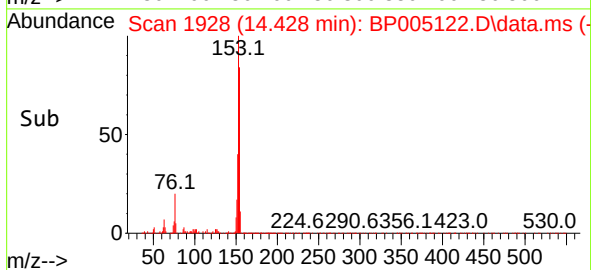
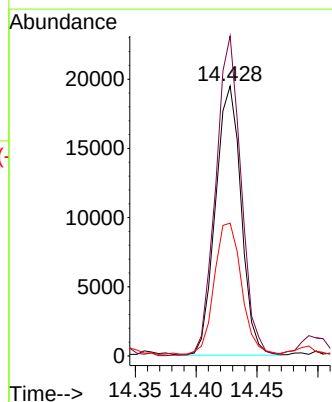
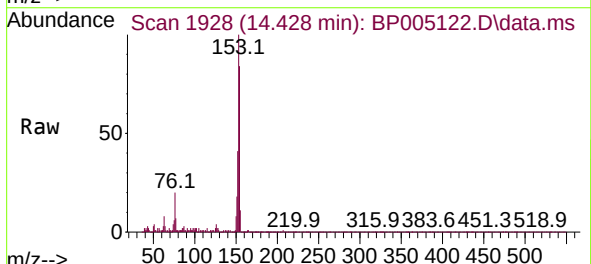
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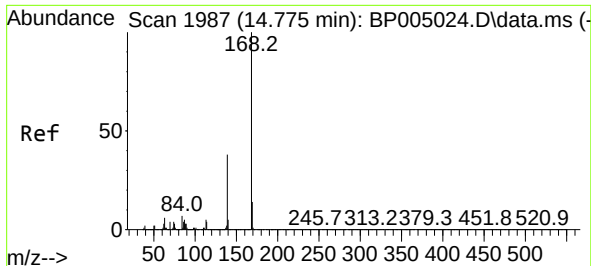
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#52
Acenaphthene
Concen: 4.62 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.6	91.0	136.6
152	49.2	43.0	64.6





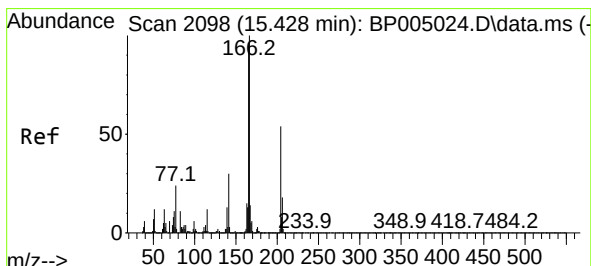
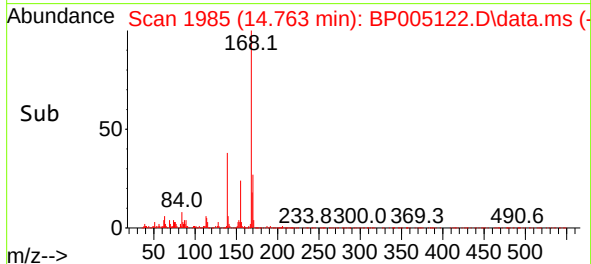
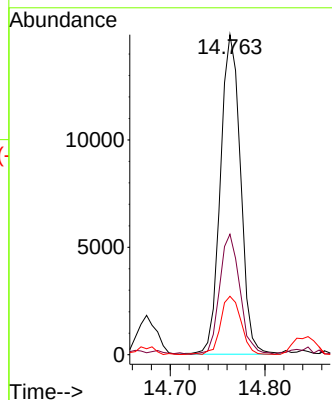
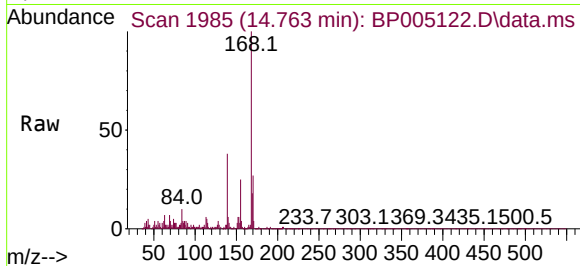
#55
Dibenzofuran
Concen: 2.18 ng
RT: 14.763 min Scan# 1985
Delta R.T. -0.012 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.1	43.7
169	18.3	10.4	15.6#

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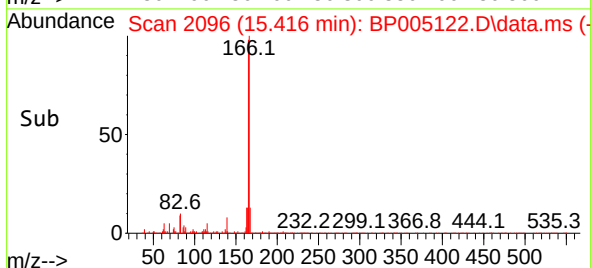
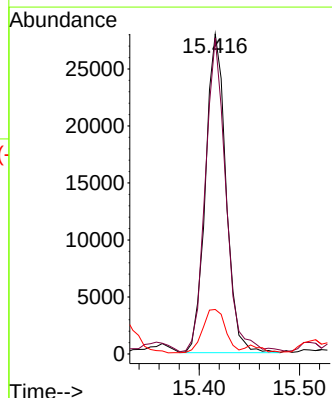
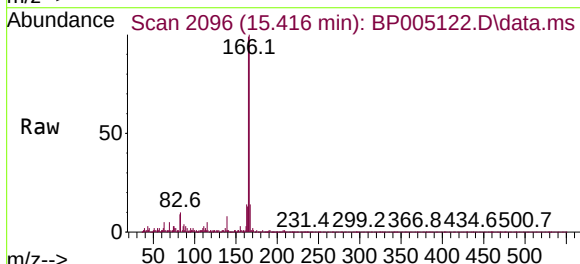
Manual Integrations
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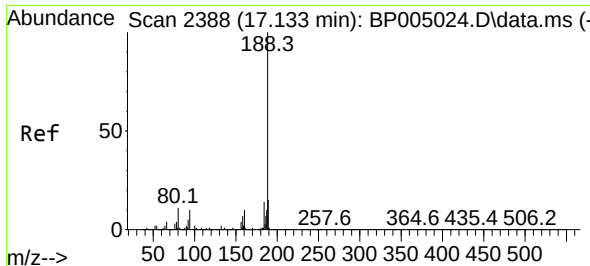
mohammad
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#58
Fluorene
Concen: 4.87 ng
RT: 15.416 min Scan# 2096
Delta R.T. -0.012 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.8
167	13.9	11.0	16.4





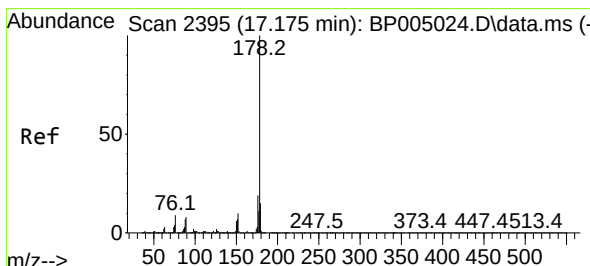
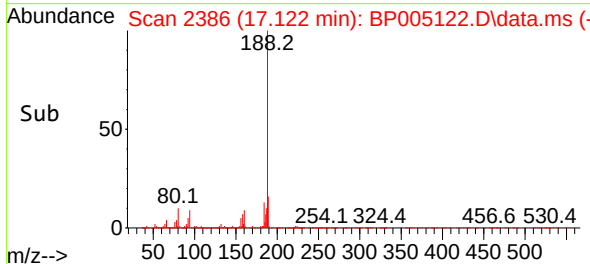
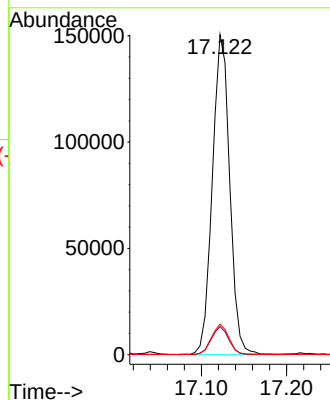
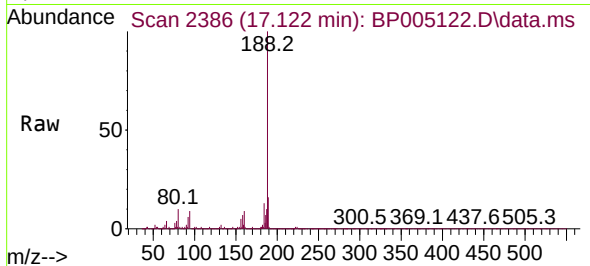
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.122 min Scan# 2386
Delta R.T. -0.012 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.2	9.2
80	9.6	6.2	9.2#

Instrument :
BNA_P
ClientSampleId :
PHC-BEAPT-001

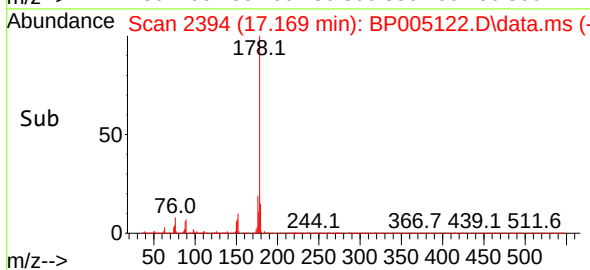
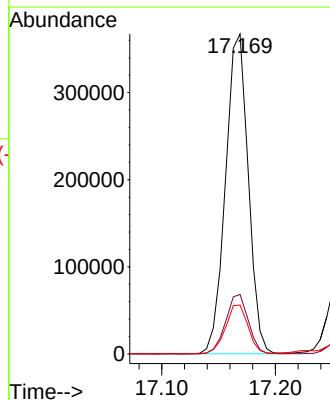
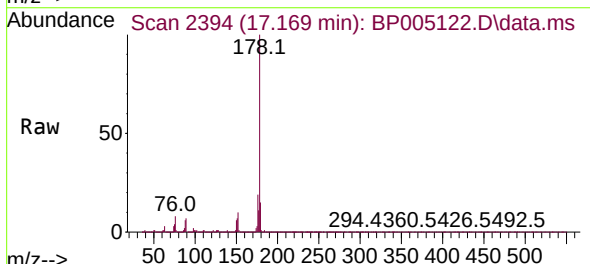
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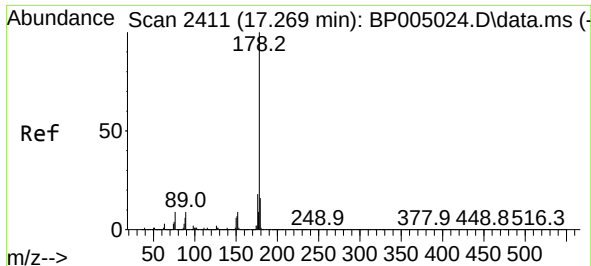
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#71
Phenanthrene
Concen: 41.45 ng
RT: 17.169 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.3	12.5	18.7





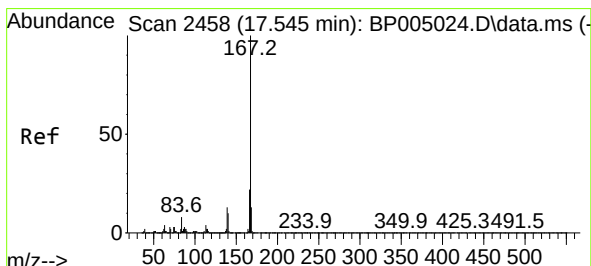
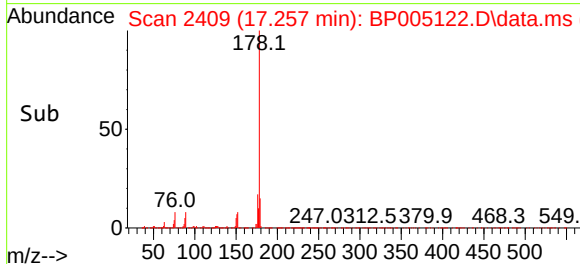
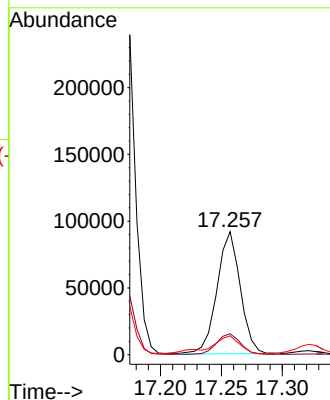
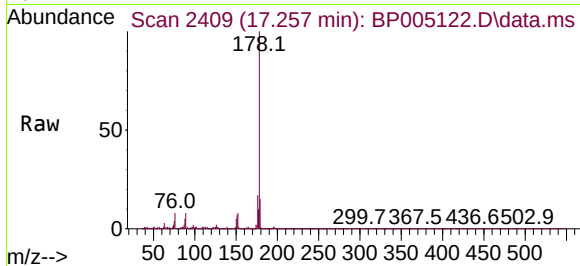
#72
 Anthracene
 Concen: 10.09 ng
 RT: 17.257 min Scan# 2409
 Delta R.T. -0.012 min
 Lab File: BP005122.D
 Acq: 31 Mar 2021 12:43

Tgt Ion:178 Resp: 121553
 Ion Ratio Lower Upper
 178 100
 176 17.1 15.0 22.4
 179 15.4 12.5 18.7

Instrument :
 BNA_P
 ClientSampleId :
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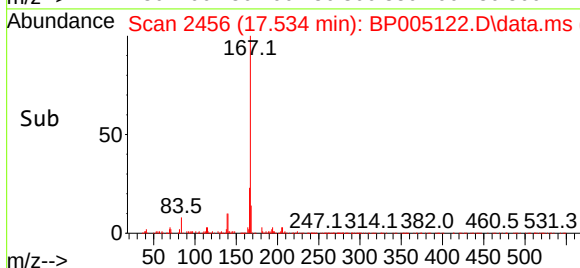
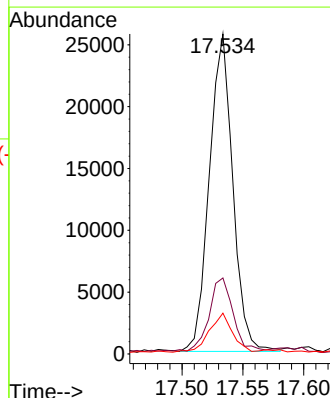
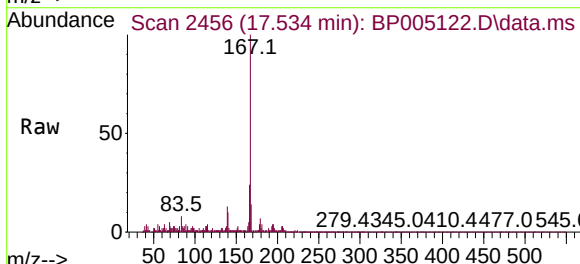
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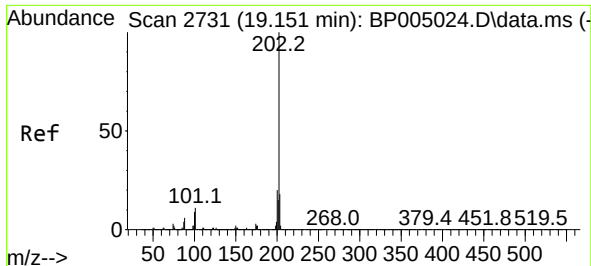
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#73
 Carbazole
 Concen: 3.04 ng
 RT: 17.534 min Scan# 2456
 Delta R.T. -0.012 min
 Lab File: BP005122.D
 Acq: 31 Mar 2021 12:43

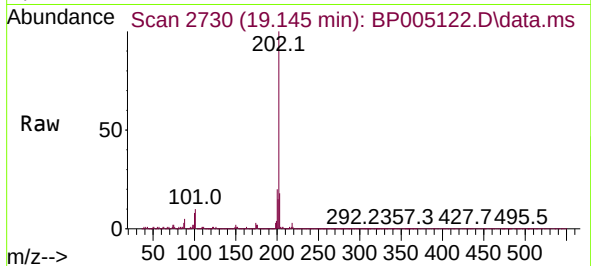
Tgt Ion:167 Resp: 34422
 Ion Ratio Lower Upper
 167 100
 166 23.8 17.6 26.4
 139 12.8 10.2 15.4





#75
Fluoranthene
Concen: 51.15 ng
RT: 19.145 min Scan# 2730
Delta R.T. -0.006 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

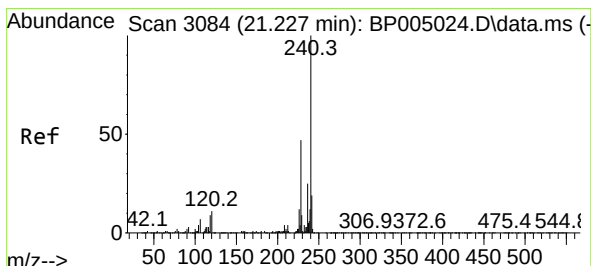
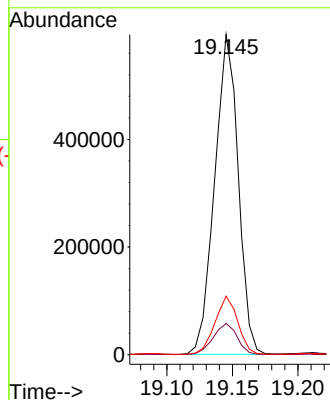
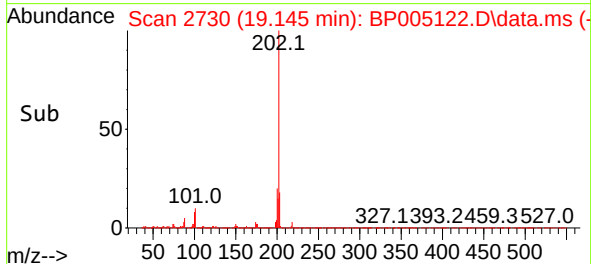
Instrument :
BNA_P
ClientSampleId :
PHC-BEAPT-001



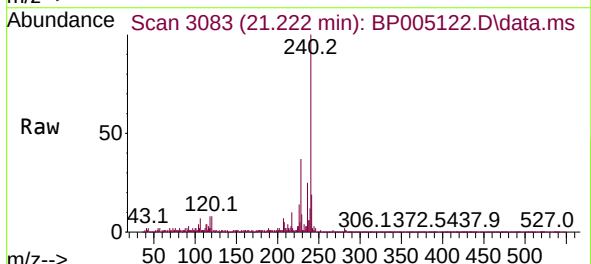
Tgt Ion: 202 Resp: 742145
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.4
203 18.3 0.0 37.8

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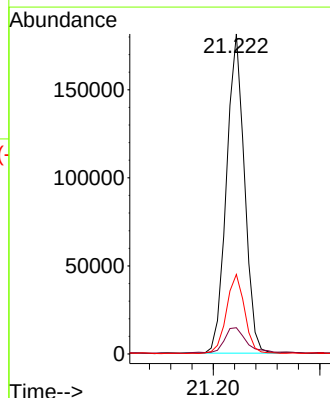
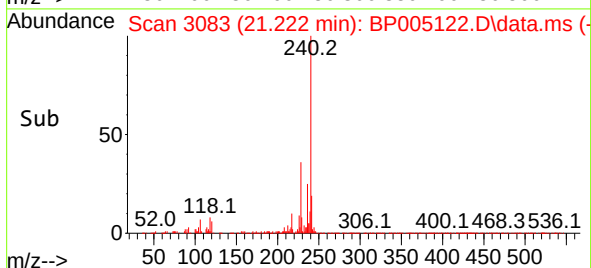
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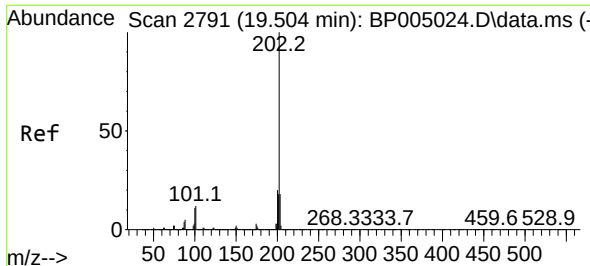


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.222 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43



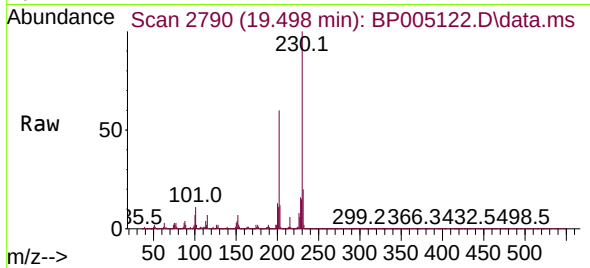
Tgt Ion: 240 Resp: 211745
Ion Ratio Lower Upper
240 100
120 8.2 7.8 11.6
236 24.9 20.8 31.2





#78
Pyrene
Concen: 63.22 ng
RT: 19.498 min Scan# 2790
Delta R.T. -0.006 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

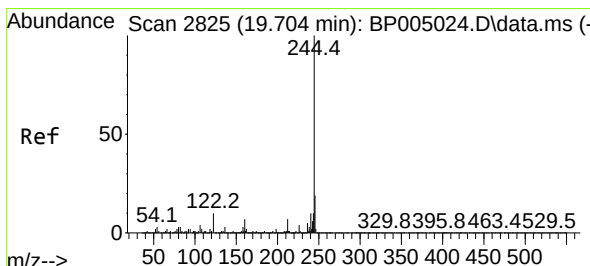
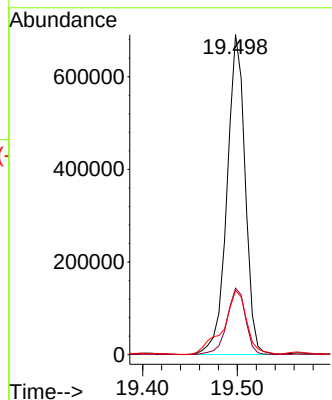
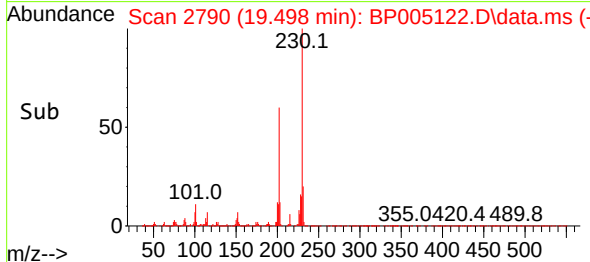
Instrument :
BNA_P
ClientSampleId :
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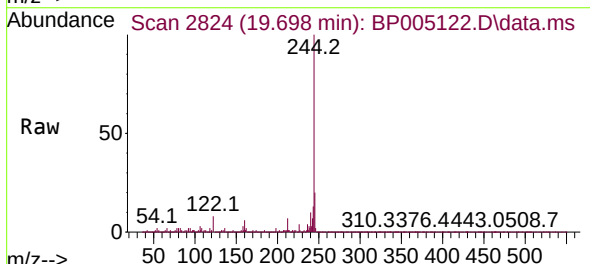
Tgt Ion:202 Resp: 919825
Ion Ratio Lower Upper
202 100
200 20.8 17.1 25.7
203 20.1 14.2 21.2

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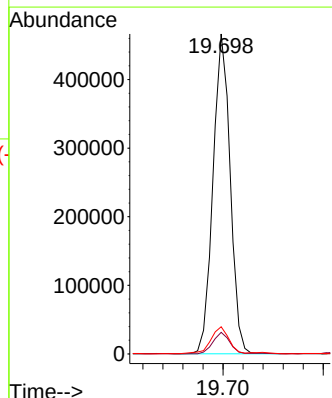
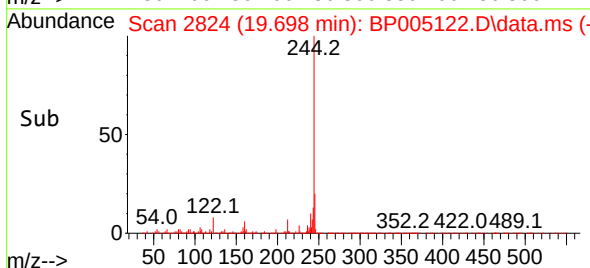
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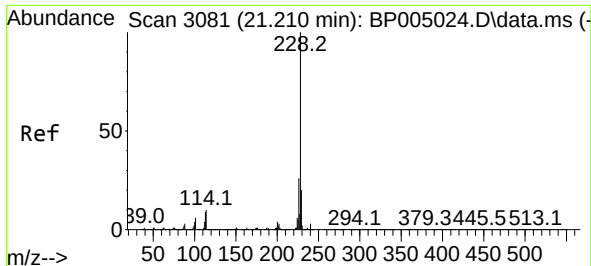


#79
Terphenyl-d14
Concen: 47.64 ng
RT: 19.698 min Scan# 2824
Delta R.T. -0.012 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43



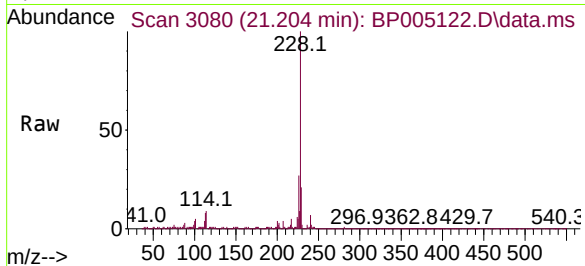
Tgt Ion:244 Resp: 554103
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 8.5 7.8 11.8





#81
Benzo(a)anthracene
Concen: 25.21 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.012 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

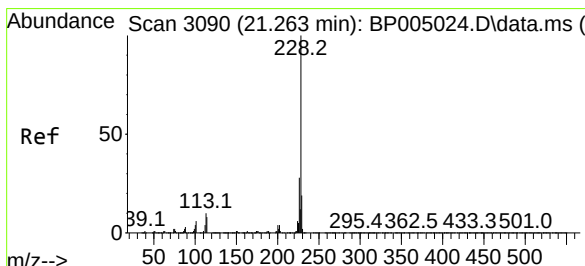
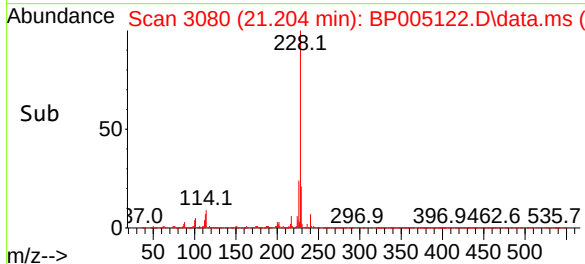
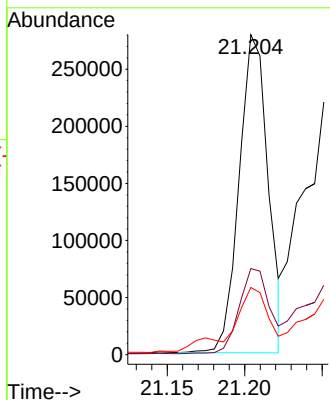
Instrument :
BNA_P
ClientSampleID :
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Tgt Ion:228 Resp: 362649
Ion Ratio Lower Upper
228 100
226 26.9 22.1 33.1
229 21.0 15.9 23.9

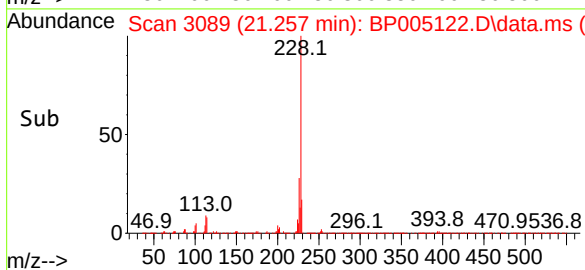
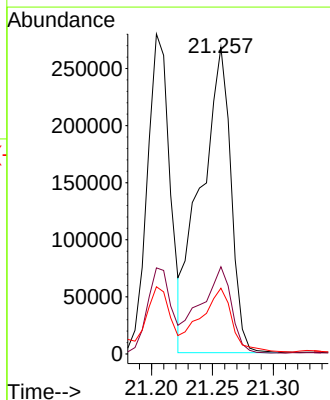
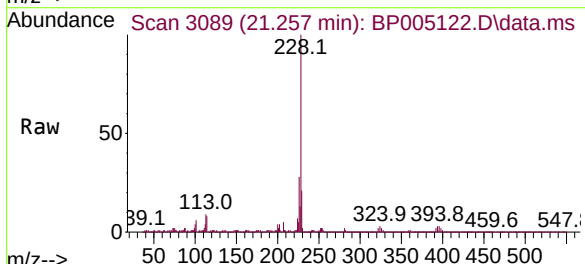
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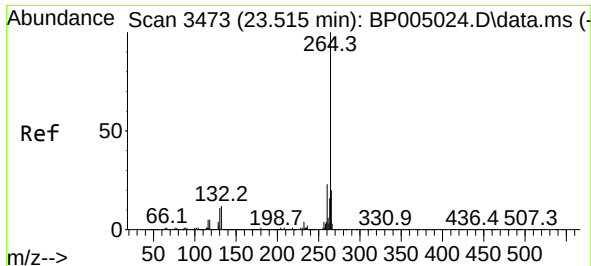
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#83
Chrysene
Concen: 32.69 ng
RT: 21.257 min Scan# 3089
Delta R.T. -0.012 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

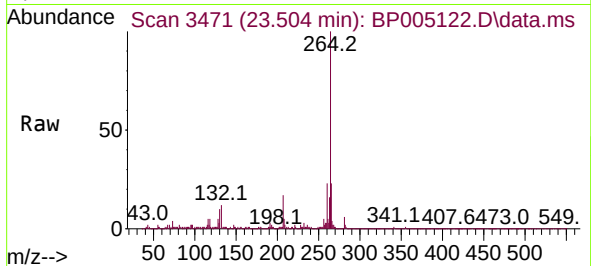
Tgt Ion:228 Resp: 461609
Ion Ratio Lower Upper
228 100
226 28.4 24.4 36.6
229 21.5 15.8 23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.504 min Scan# 3471
Delta R.T. -0.018 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

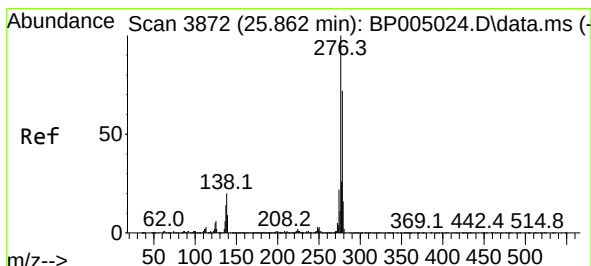
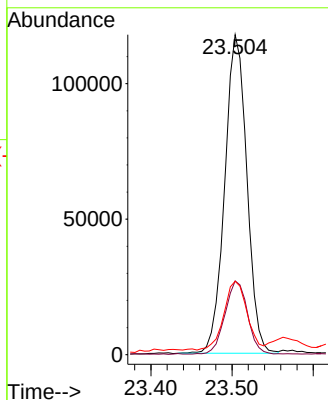
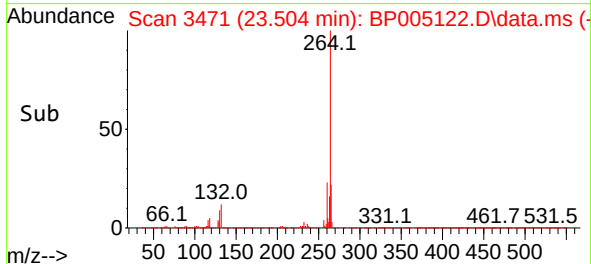
Instrument :
BNA_P
ClientSampleId :
PHC-BEAPT-001



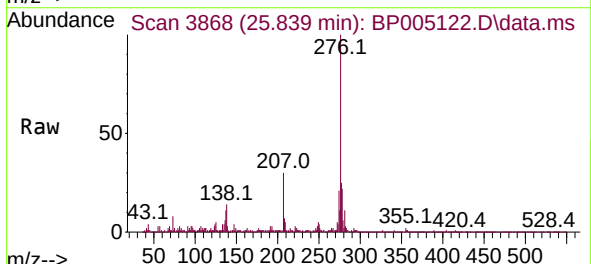
Tgt Ion:264 Resp: 222364
Ion Ratio Lower Upper
264 100
260 23.0 18.8 28.2
265 22.9 17.4 26.2

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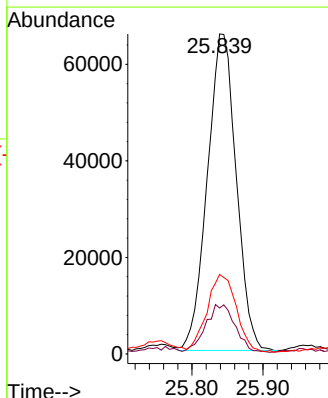
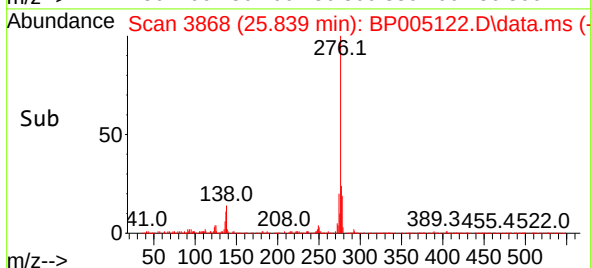
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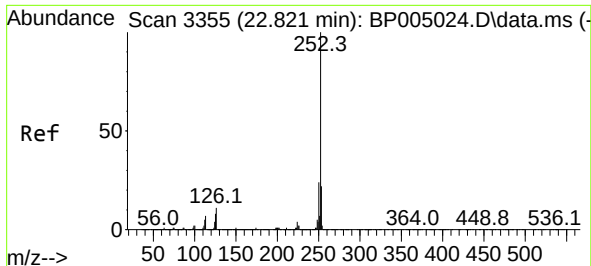


#87
Indeno(1,2,3-cd)pyrene
Concen: 11.10 ng
RT: 25.839 min Scan# 3868
Delta R.T. -0.035 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43



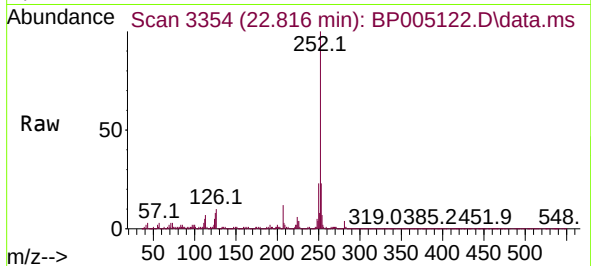
Tgt Ion:276 Resp: 185049
Ion Ratio Lower Upper
276 100
138 15.5 18.7 28.1#
277 25.1 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 25.42 ng m
RT: 22.816 min Scan# 3354
Delta R.T. -0.012 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

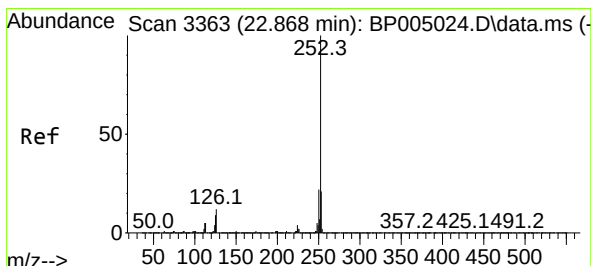
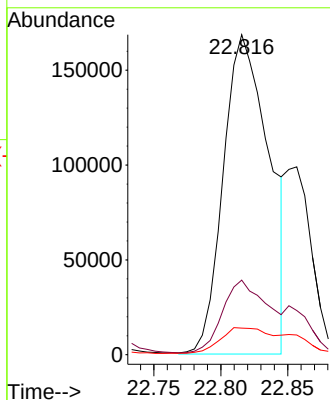
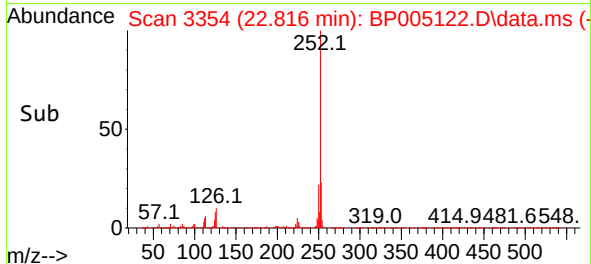
Instrument :
BNA_P
ClientSampleId :
PHC-BEAPT-001



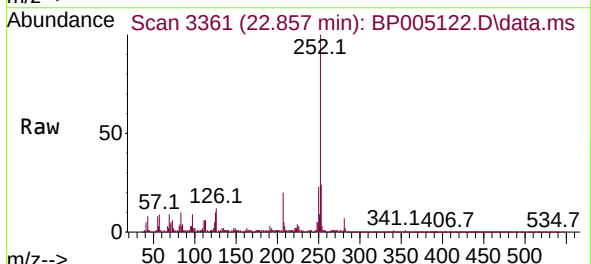
Tgt Ion:252 Resp: 401413
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 8.3 7.3 10.9

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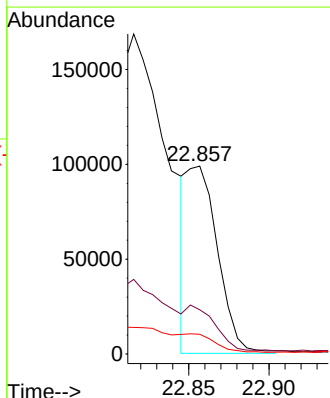
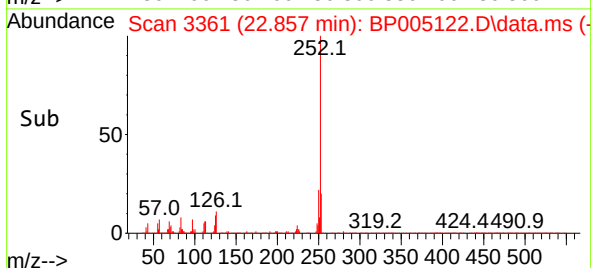
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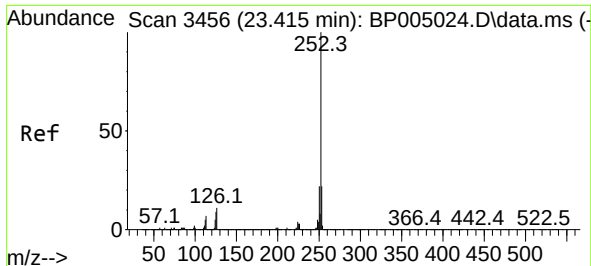


#89
Benzo(k)fluoranthene
Concen: 8.63 ng m
RT: 22.857 min Scan# 3361
Delta R.T. -0.018 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43



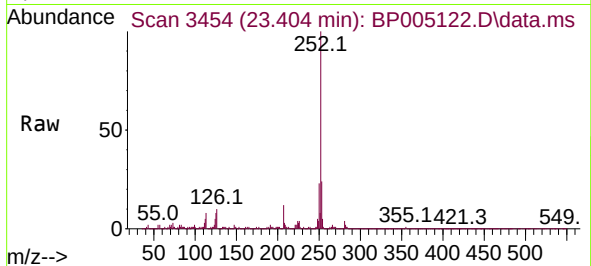
Tgt Ion:252 Resp: 130607
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 10.5 7.4 11.2





#90
Benzo(a)pyrene
Concen: 21.22 ng m
RT: 23.404 min Scan# 3454
Delta R.T. -0.018 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

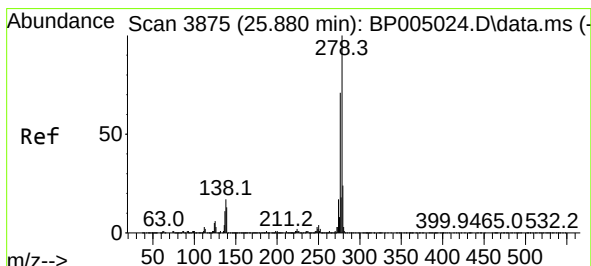
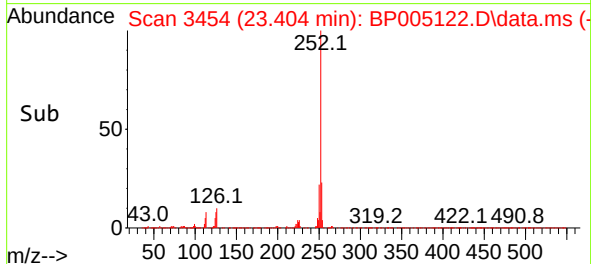
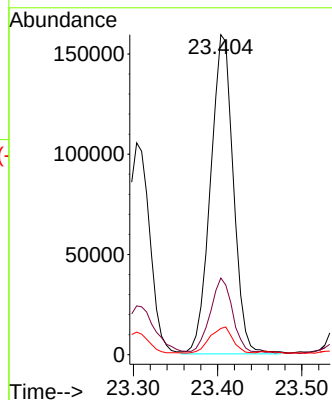
Instrument :
BNA_P
ClientSampleId :
PHC-BEAPT-001



Tgt Ion:252 Resp: 300423
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.0
125 8.2 8.2 12.4#

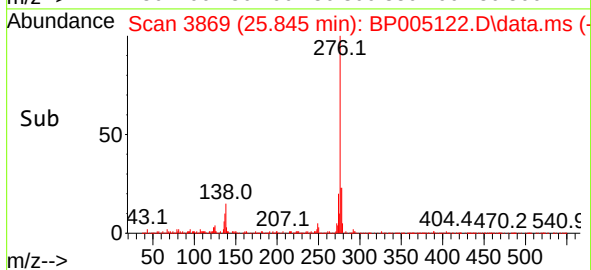
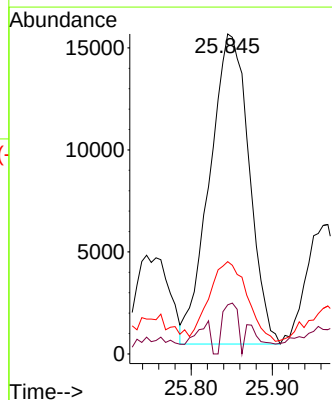
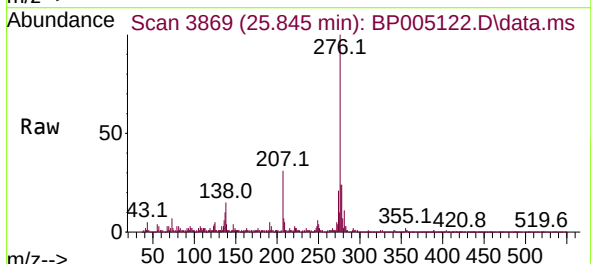
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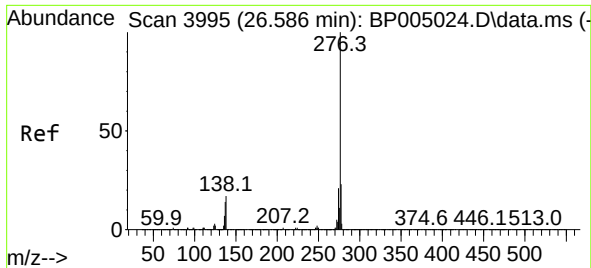
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 3.56 ng
RT: 25.845 min Scan# 3869
Delta R.T. -0.041 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

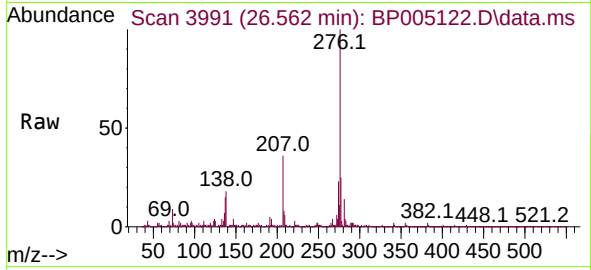
Tgt Ion:278 Resp: 51370
Ion Ratio Lower Upper
278 100
139 15.4 12.4 18.6
279 28.9 19.0 28.6#





#92
Benzo(g,h,i)perylene
Concen: 13.13 ng
RT: 26.562 min Scan# 3991
Delta R.T. -0.029 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.0	28.6
138	18.3	16.6	24.8

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