

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
 Data File : BP005208.D
 Acq On : 06 Apr 2021 21:41
 Operator : CG/JU
 Sample : M1900-03 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-20111

Manual Integrations
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Quant Time: Apr 07 00:32:00 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 06 12:33:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	27185	20.00	ng	# 0.00
21) Naphthalene-d8	10.486	136	108295	20.00	ng	# 0.00
39) Acenaphthene-d10	14.357	164	69055	20.00	ng	0.00
64) Phenanthrene-d10	17.127	188	143865	20.00	ng	# 0.01
76) Chrysene-d12	21.221	240	146353	20.00	ng	0.00
86) Perylene-d12	23.498	264	148694	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	72271	40.91	ng	0.00
7) Phenol-d6	6.875	99	96041	37.96	ng	0.00
23) Nitrobenzene-d5	8.851	82	61397	24.33	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	30986	34.44	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	124670	24.42	ng	0.00
79) Terphenyl-d14	19.704	244	195670	24.34	ng	0.02
Target Compounds						Qvalue
20) 3+4-Methylphenols	8.481	107	19122	8.46	ng	92
49) Acenaphthylene	14.075	152	15620	2.34	ng	# 65
52) Acenaphthene	14.422	154	8925	2.18	ng	# 91
58) Fluorene	15.410	166	21363	3.93	ng	# 80
71) Phenanthrene	17.174	178	360249	43.19	ng	# 94
72) Anthracene	17.263	178	119441	14.66	ng	# 88
73) Carbazole	17.539	167	50089	6.54	ng	# 57
75) Fluoranthene	19.157	202	482636	49.19	ng	96
78) Pyrene	19.510	202	433981	43.15	ng	97
81) Benzo(a)anthracene	21.204	228	220886	22.21	ng	98
83) Chrysene	21.256	228	199141	20.41	ng	97
87) Indeno(1,2,3-cd)pyrene	25.833	276	100018	8.97	ng	96
88) Benzo(b)fluoranthene	22.809	252	213892m	20.26	ng	
89) Benzo(k)fluoranthene	22.845	252	84748m	8.38	ng	
90) Benzo(a)pyrene	23.398	252	173285	18.30	ng	98
91) Dibenzo(a,h)anthracene	25.839	278	27403m	2.84	ng	
92) Benzo(g,h,i)perylene	26.556	276	101251	10.88	ng	96

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

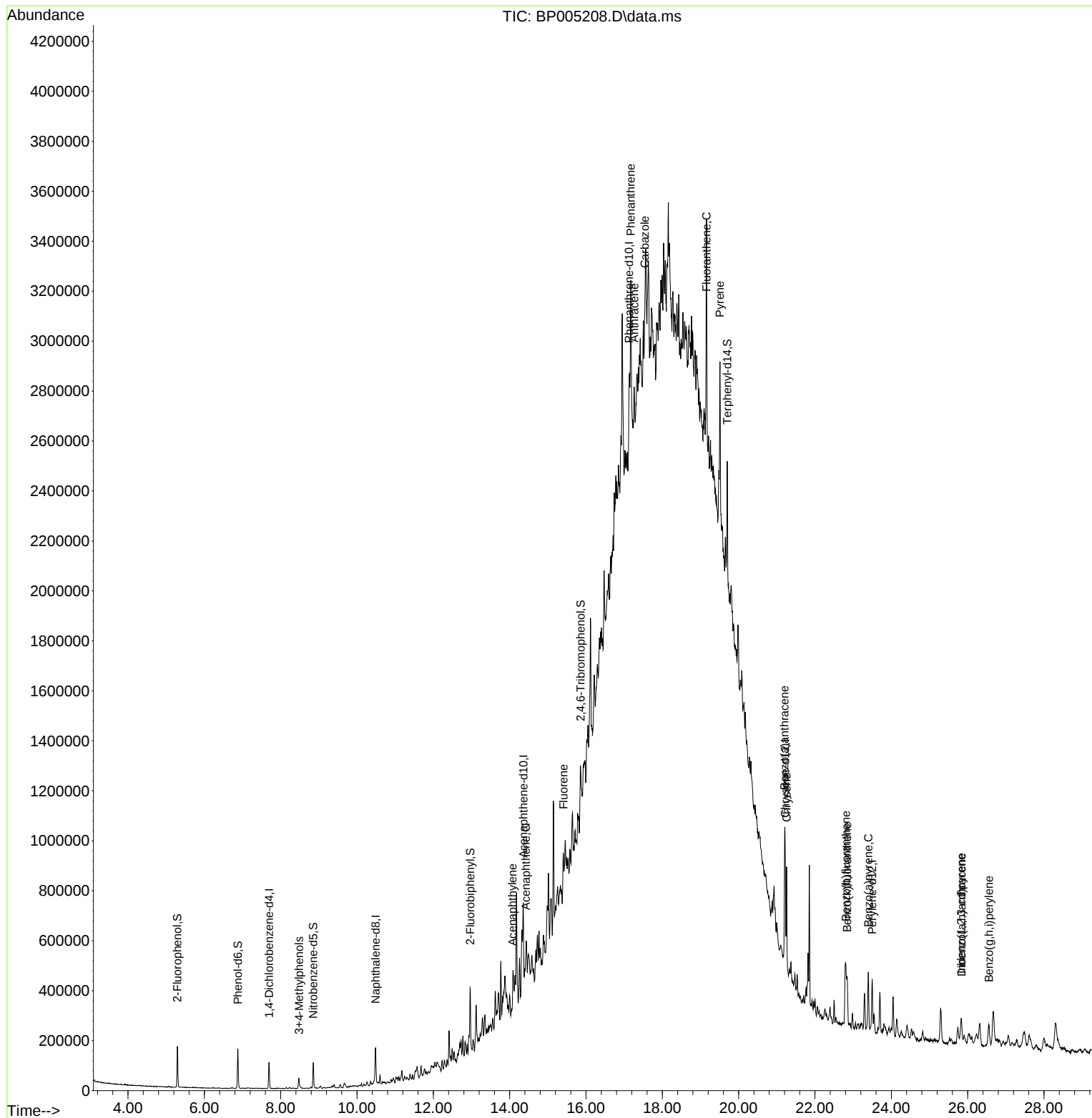
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
Data File : BP005208.D
Acq On : 06 Apr 2021 21:41
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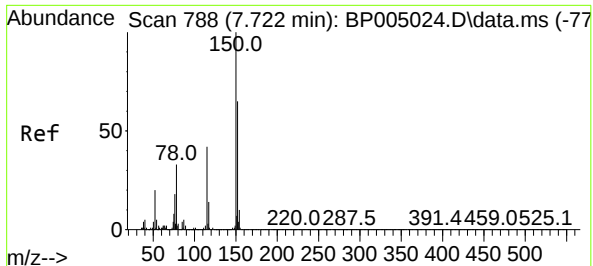
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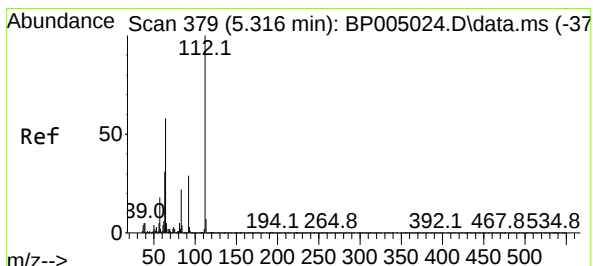
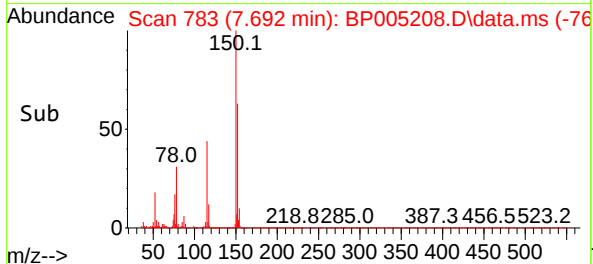
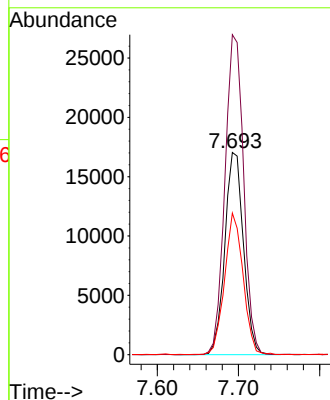
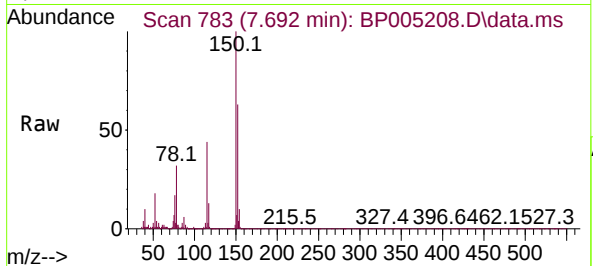
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.692 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.8	185.6
115	70.0	43.8	65.6

Instrument :
BNA_P
ClientSampleId :
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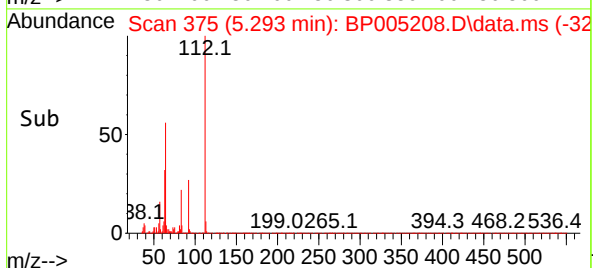
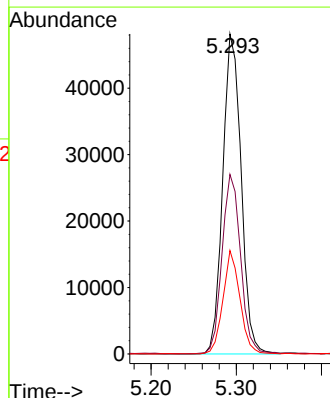
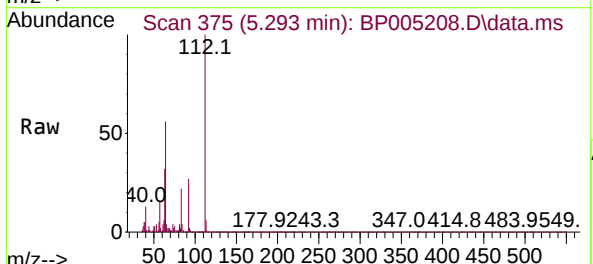
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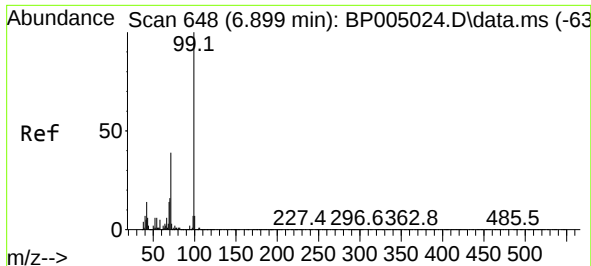
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#5
2-Fluorophenol
Concen: 40.91 ng
RT: 5.293 min Scan# 375
Delta R.T. -0.000 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41

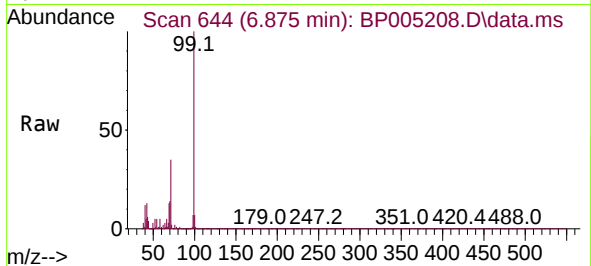
Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	32.8	49.2
63	32.3	17.0	25.4





#7
Phenol-d6
Concen: 37.96 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41

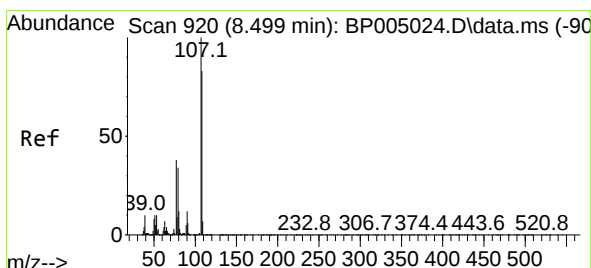
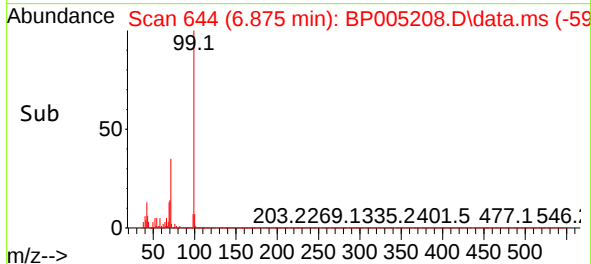
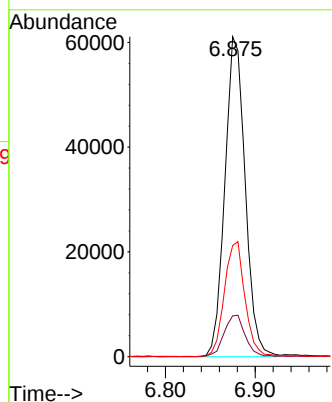
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
99	100		
42	12.8	8.6	13.0
71	34.8	23.4	35.2

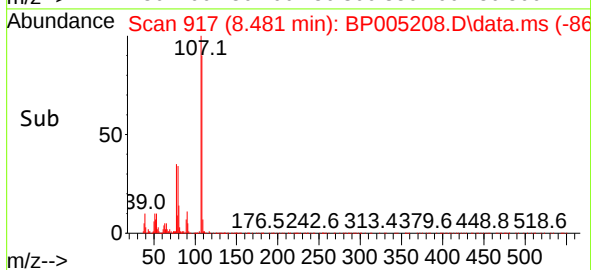
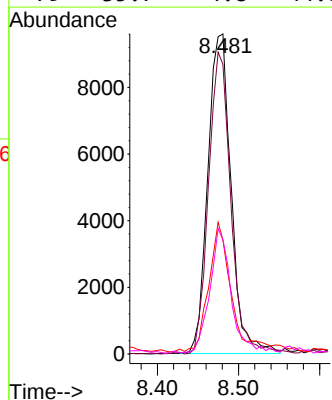
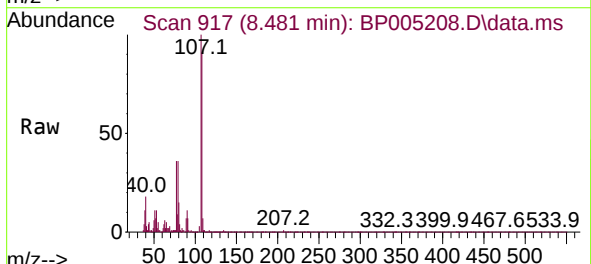
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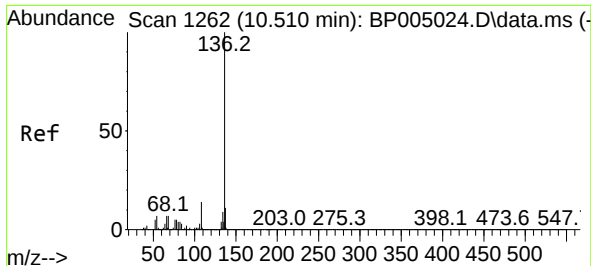
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#20
3+4-Methylphenols
Concen: 8.46 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	69.0	109.0
77	35.6	8.5	48.5
79	35.7	4.8	44.8





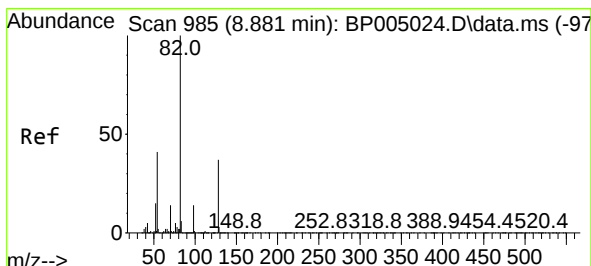
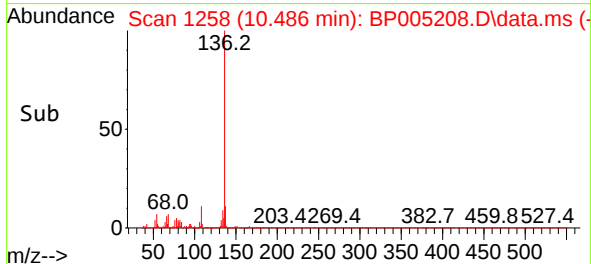
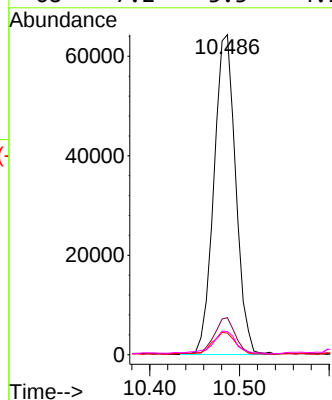
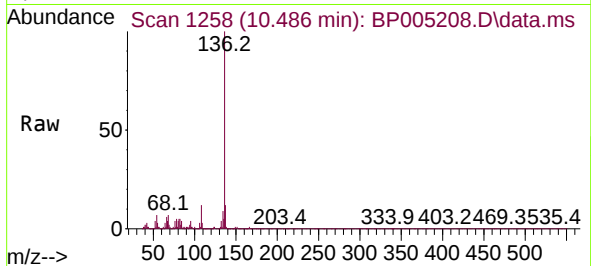
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.486 min Scan# 1258
Delta R.T. -0.000 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41

Tgt Ion:	136	Resp:	108295
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.6	13.0
54	6.8	3.6	5.4#
68	7.2	3.3	4.9#

Instrument :
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ClientSampleId :
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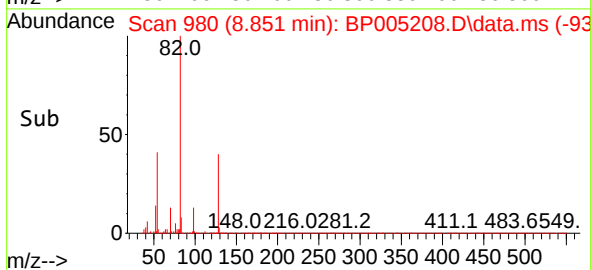
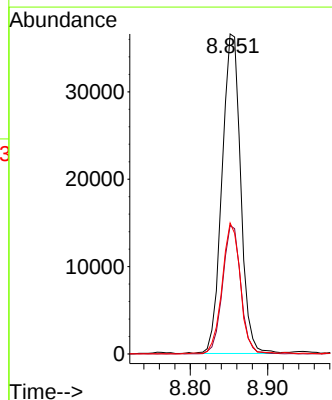
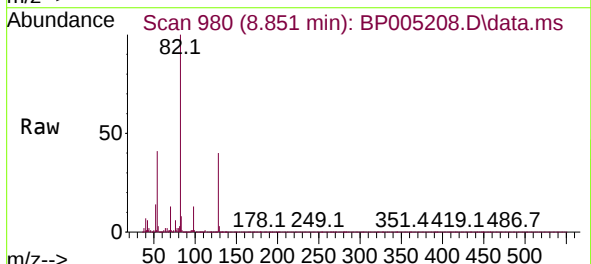
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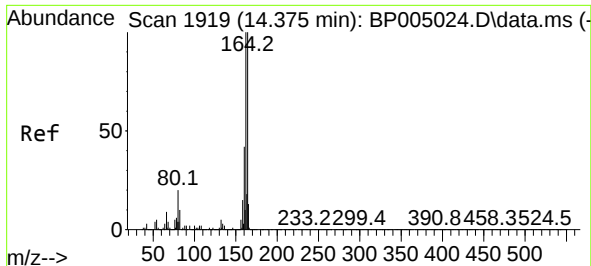
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#23
Nitrobenzene-d5
Concen: 24.33 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41

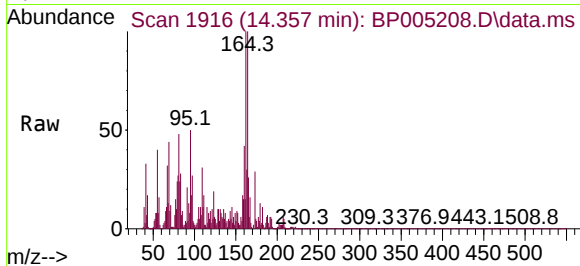
Tgt Ion:	82	Resp:	61397
Ion Ratio	Lower	Upper	
82	100		
128	40.1	45.6	68.4#
54	40.9	30.1	45.1





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.357 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41

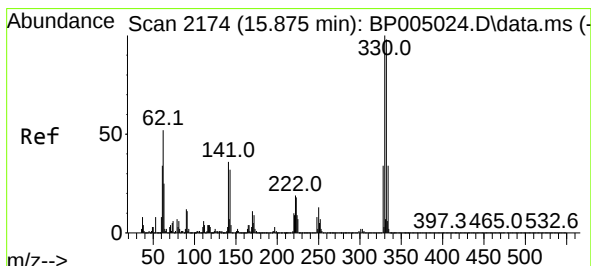
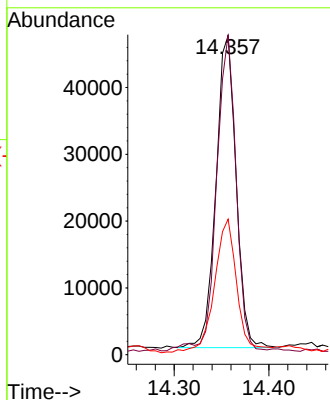
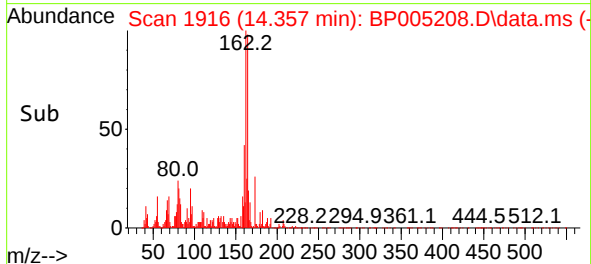
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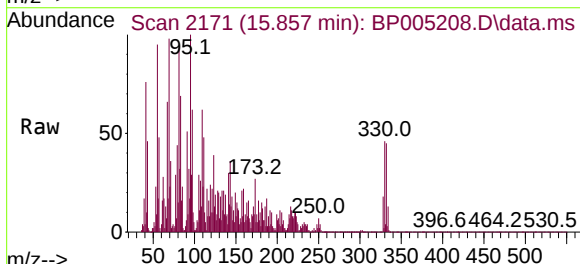
Tgt Ion:164 Resp: 69055
Ion Ratio Lower Upper
164 100
162 100.3 79.4 119.2
160 42.5 36.1 54.1

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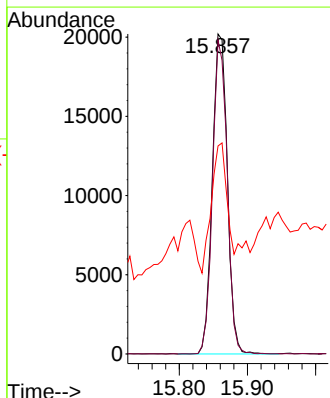
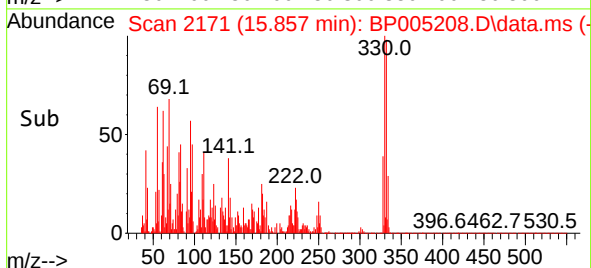
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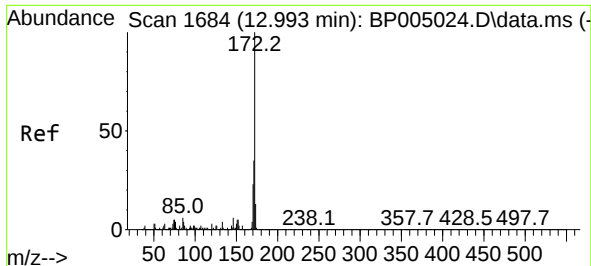


#42
2,4,6-Tribromophenol
Concen: 34.44 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.000 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41



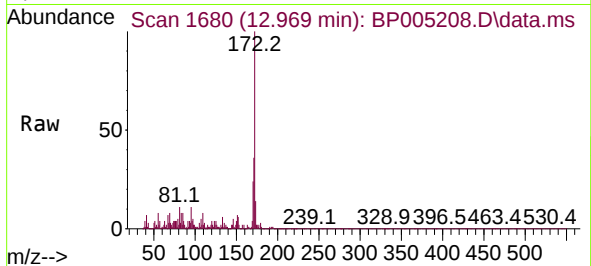
Tgt Ion:330 Resp: 30986
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 46.5 23.4 35.2#





#45
2-Fluorobiphenyl
Concen: 24.42 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41

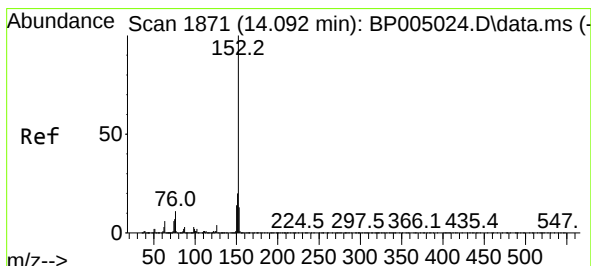
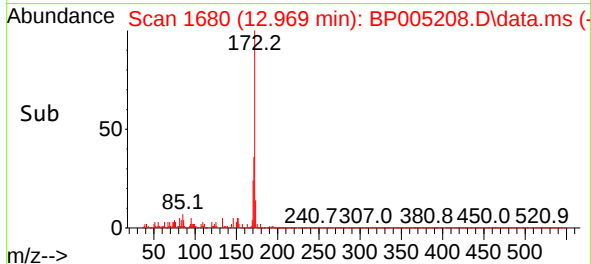
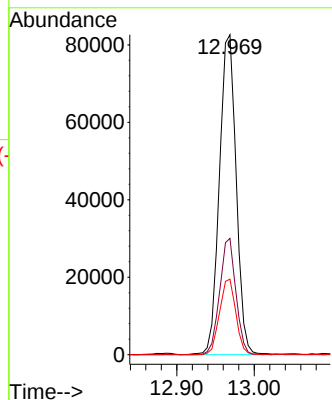
Instrument :
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ClientSampled :
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.5	42.7
170	23.6	19.2	28.8

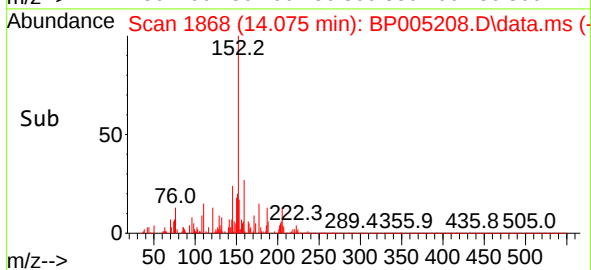
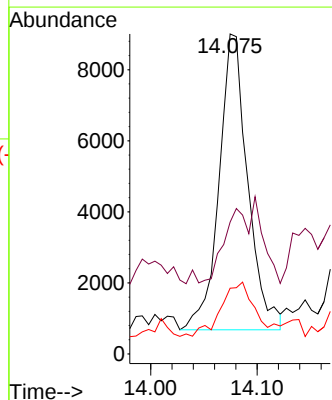
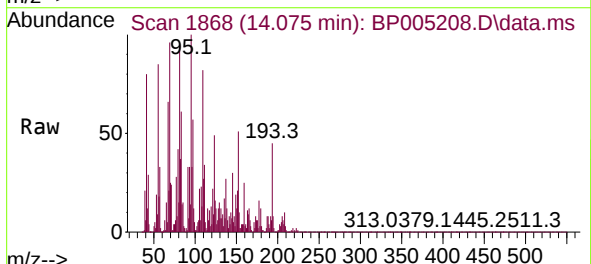
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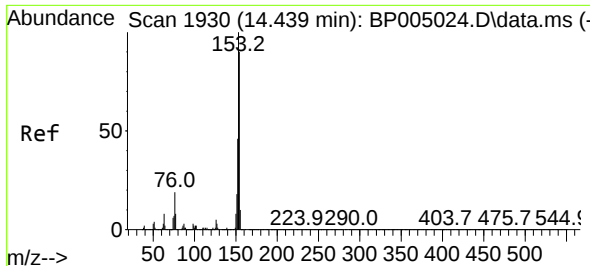
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#49
Acenaphthylene
Concen: 2.34 ng
RT: 14.075 min Scan# 1868
Delta R.T. -0.000 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41

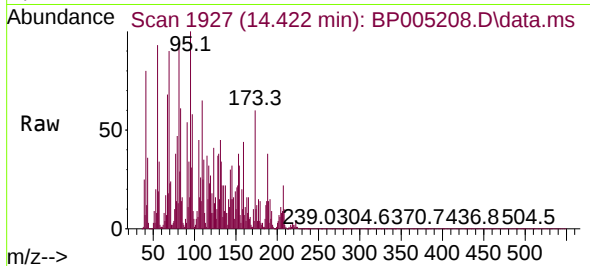
Tgt Ion	Ratio	Lower	Upper
152	100		
151	41.2	15.9	23.9#
153	20.5	10.5	15.7#





#52
Acenaphthene
Concen: 2.18 ng
RT: 14.422 min Scan# 1927
Delta R.T. 0.006 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41

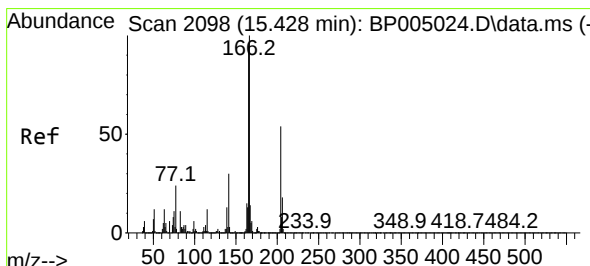
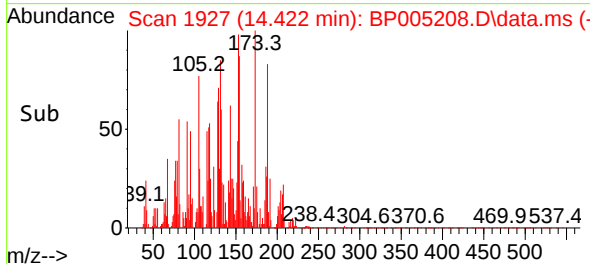
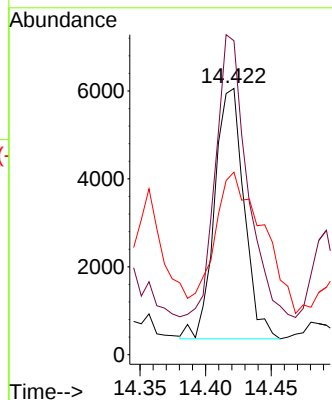
Instrument :
BNA_P
ClientSampled :
CHRT-20111



Tgt Ion:154 Resp: 8925
Ion Ratio Lower Upper
154 100
153 117.9 91.0 136.6
152 68.6 43.0 64.6#

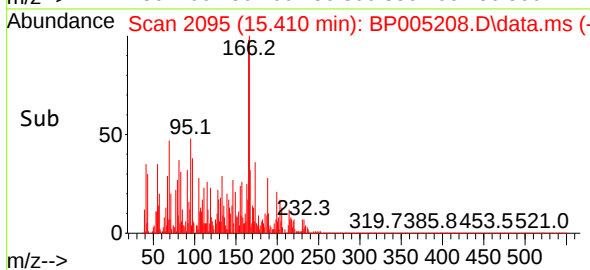
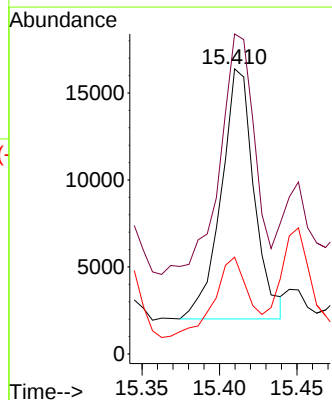
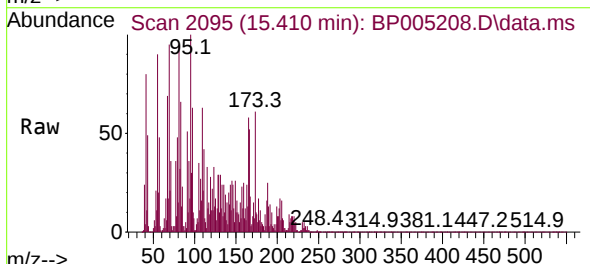
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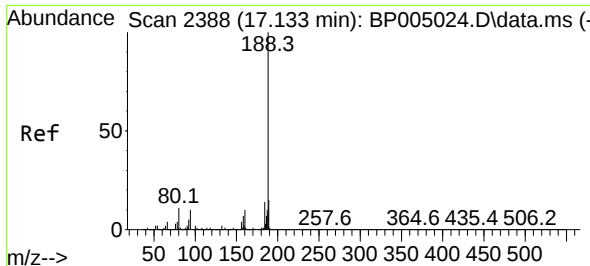
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#58
Fluorene
Concen: 3.93 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.000 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41

Tgt Ion:166 Resp: 21363
Ion Ratio Lower Upper
166 100
165 112.3 77.8 116.8
167 34.0 11.0 16.4#





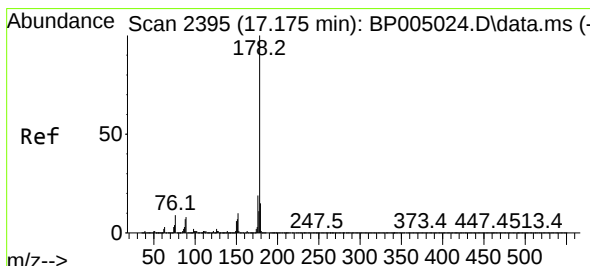
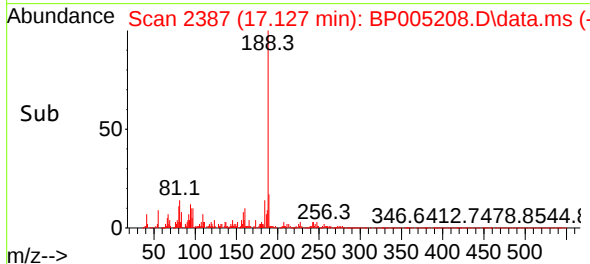
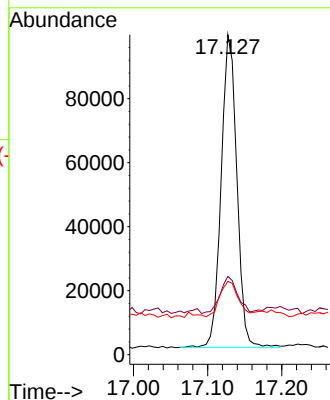
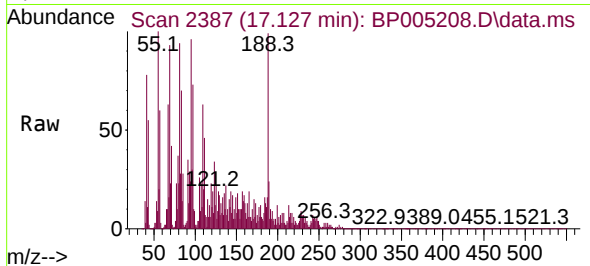
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Phenanthrene-d10
Concen: 20.00 ng
RT: 17.127 min Scan# 2387
Delta R.T. 0.012 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	24.4	6.2	9.2#
80	22.9	6.2	9.2#

Instrument :
BNA_P
ClientSampled :
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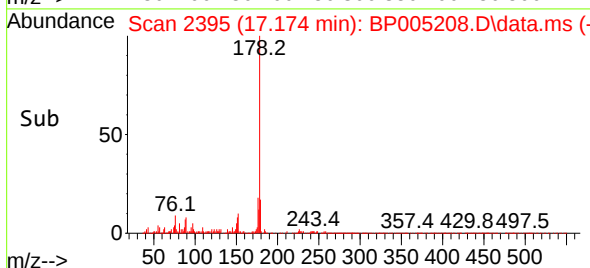
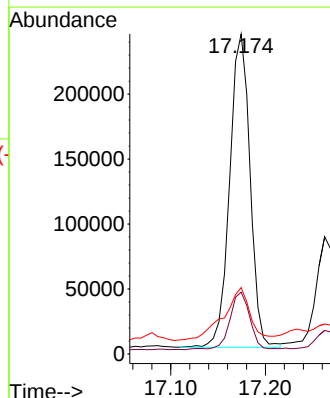
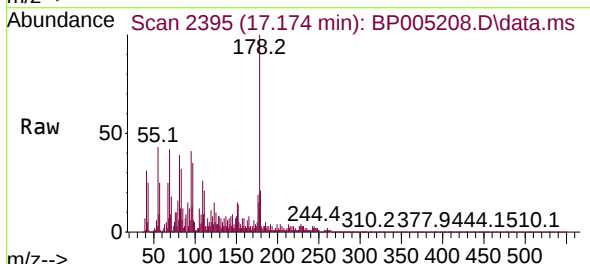
Manual Integrations
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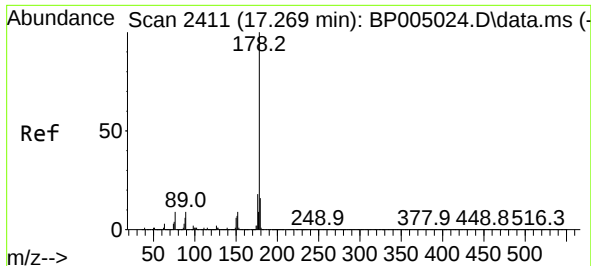
mohammad
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#71
Phenanthrene
Concen: 43.19 ng
RT: 17.174 min Scan# 2395
Delta R.T. 0.017 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	20.8	12.5	18.7#





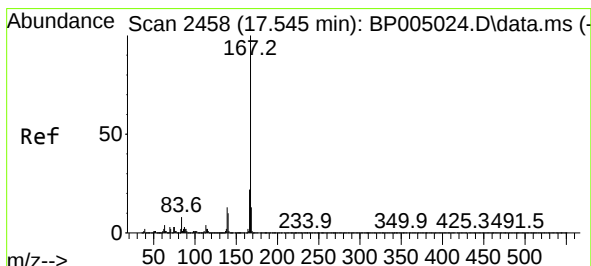
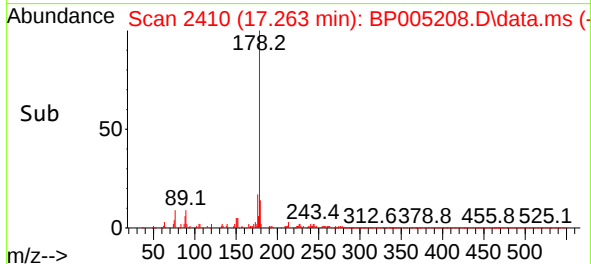
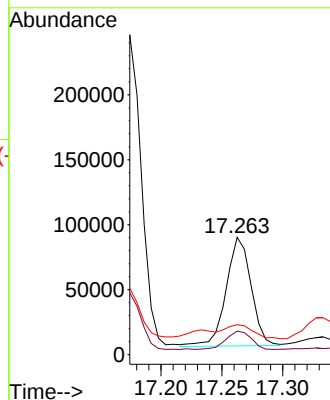
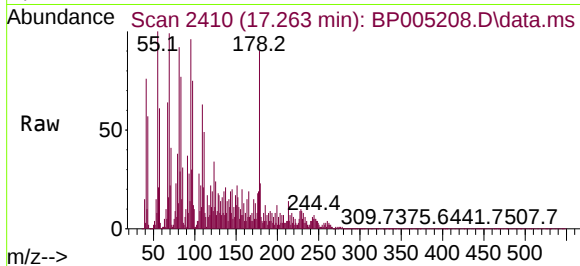
#72
 Anthracene
 Concen: 14.66 ng
 RT: 17.263 min Scan# 2410
 Delta R.T. 0.012 min
 Lab File: BP005208.D
 Acq: 06 Apr 2021 21:41

Tgt Ion:178 Resp: 119441
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.0 22.4
 179 25.5 12.5 18.7#

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-20111

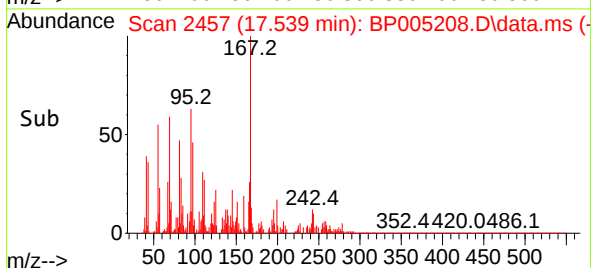
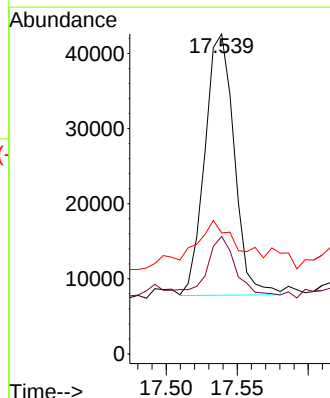
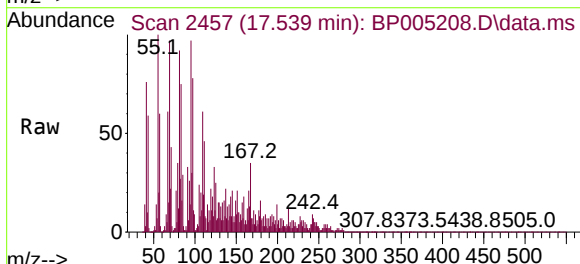
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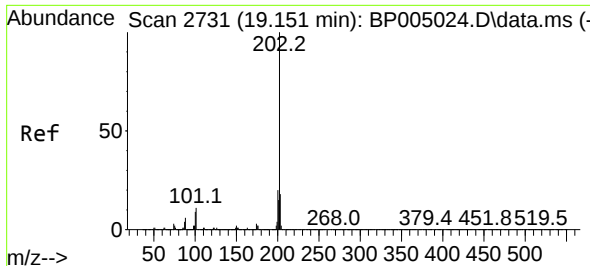
mohammad
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#73
 Carbazole
 Concen: 6.54 ng
 RT: 17.539 min Scan# 2457
 Delta R.T. 0.012 min
 Lab File: BP005208.D
 Acq: 06 Apr 2021 21:41

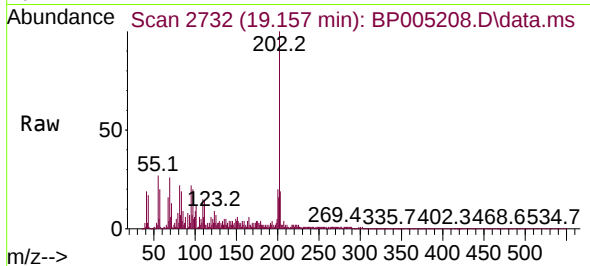
Tgt Ion:167 Resp: 50089
 Ion Ratio Lower Upper
 167 100
 166 36.8 17.6 26.4#
 139 37.9 10.2 15.4#





#75
Fluoranthene
Concen: 49.19 ng
RT: 19.157 min Scan# 2732
Delta R.T. 0.023 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41

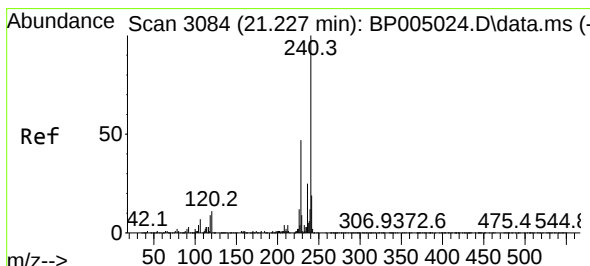
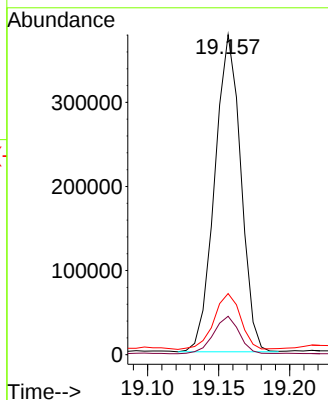
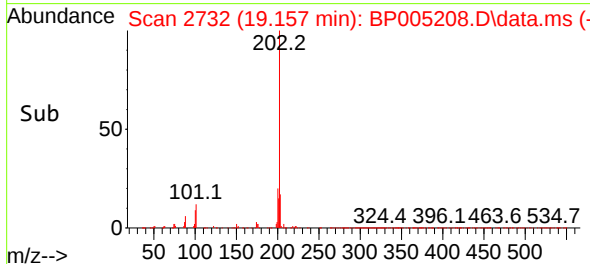
Instrument :
BNA_P
ClientSampled :
CHRT-20111



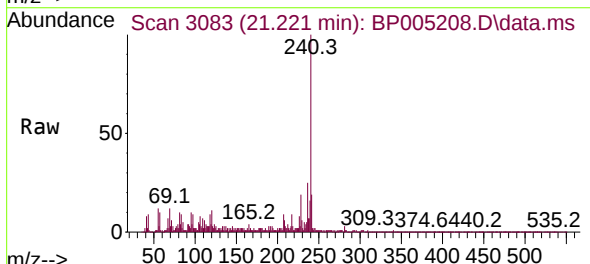
Tgt Ion: 202 Resp: 482636
Ion Ratio Lower Upper
202 100
101 12.0 0.0 29.4
203 19.1 0.0 37.8

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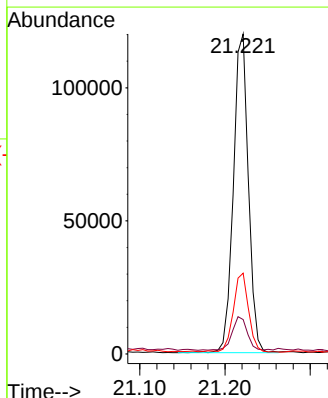
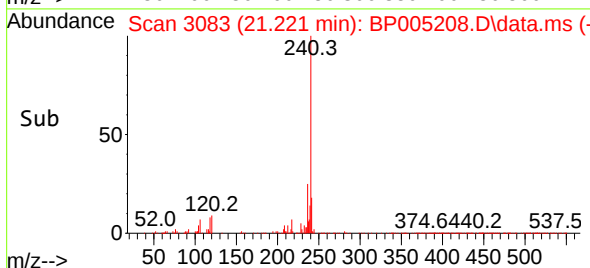
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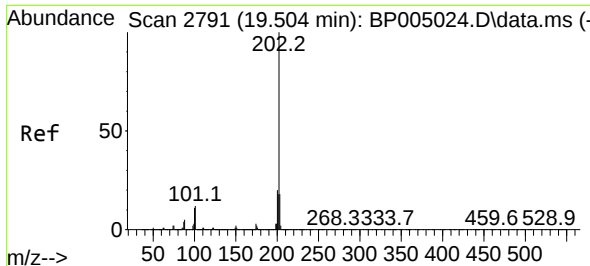


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.221 min Scan# 3083
Delta R.T. 0.006 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41



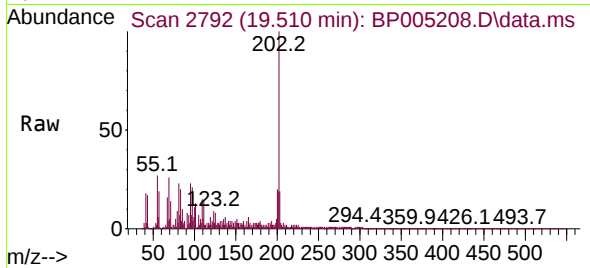
Tgt Ion: 240 Resp: 146353
Ion Ratio Lower Upper
240 100
120 10.7 7.8 11.6
236 25.3 20.8 31.2





#78
Pyrene
Concen: 43.15 ng
RT: 19.510 min Scan# 2792
Delta R.T. 0.023 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41

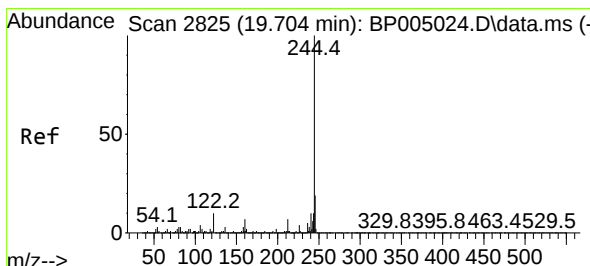
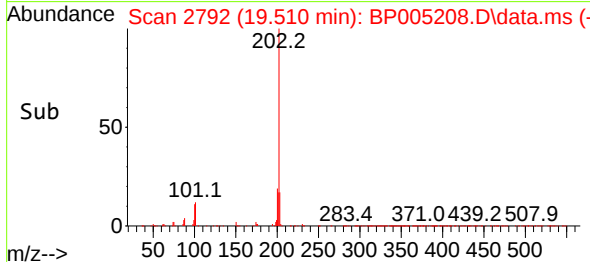
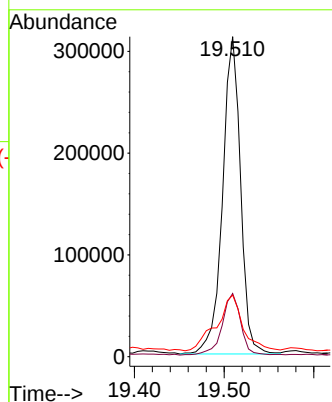
Instrument :
BNA_P
ClientSampleId :
CHRT-20111



Tgt Ion:202 Resp: 433981
Ion Ratio Lower Upper
202 100
200 19.8 17.1 25.7
203 19.3 14.2 21.2

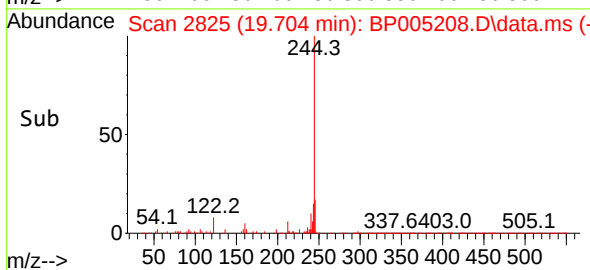
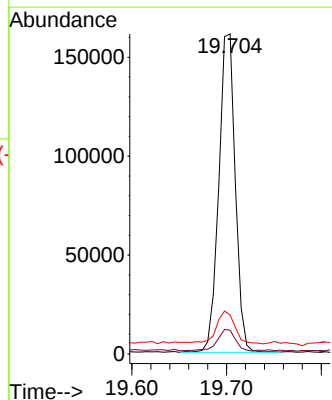
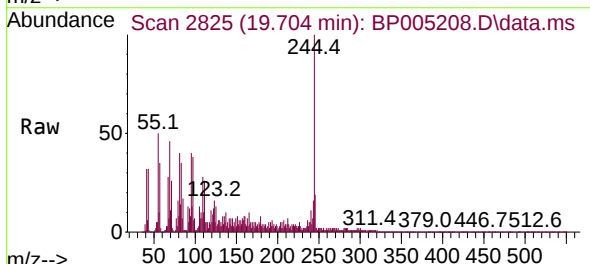
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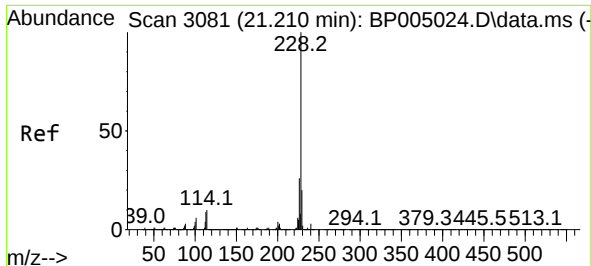
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#79
Terphenyl-d14
Concen: 24.34 ng
RT: 19.704 min Scan# 2825
Delta R.T. 0.017 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41

Tgt Ion:244 Resp: 195670
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 12.2 7.8 11.8#





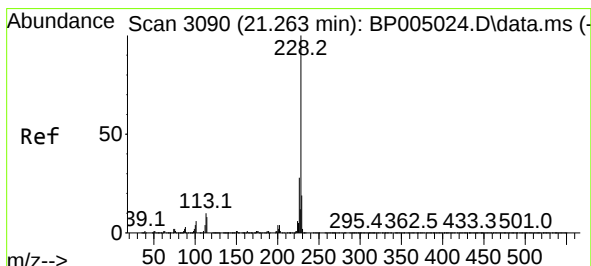
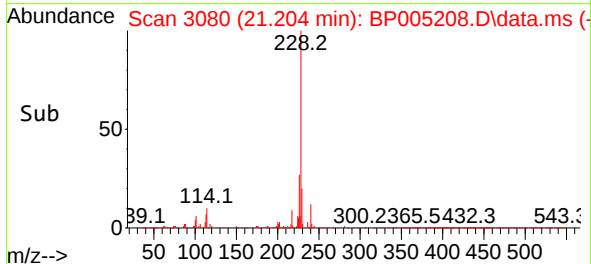
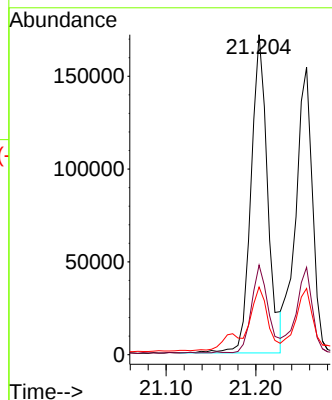
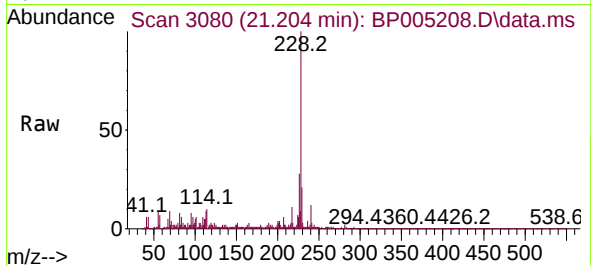
#81
Benzo(a)anthracene
Concen: 22.21 ng
RT: 21.204 min Scan# 3080
Delta R.T. 0.006 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41

Instrument :
BNA_P
ClientSampled :
CHRT-20111

Tgt Ion:228 Resp: 220886
Ion Ratio Lower Upper
228 100
226 28.0 22.1 33.1
229 21.1 15.9 23.9

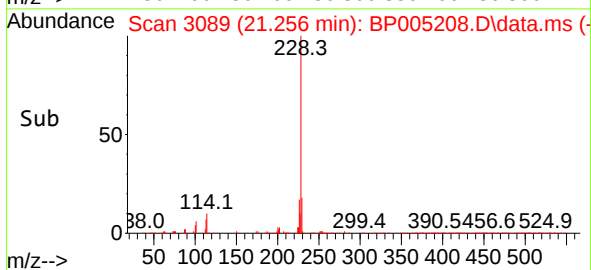
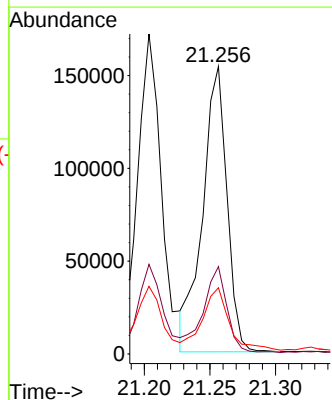
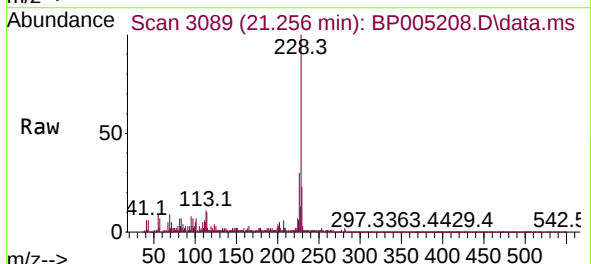
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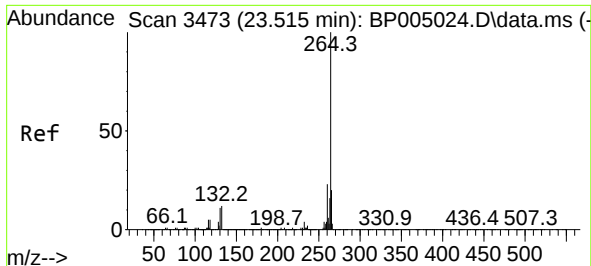
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#83
Chrysene
Concen: 20.41 ng
RT: 21.256 min Scan# 3089
Delta R.T. 0.006 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41

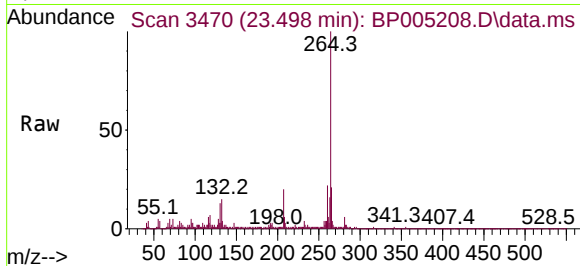
Tgt Ion:228 Resp: 199141
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 23.1 15.8 23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.498 min Scan# 3470
Delta R.T. 0.006 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41

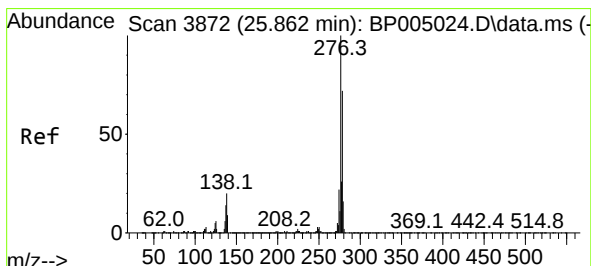
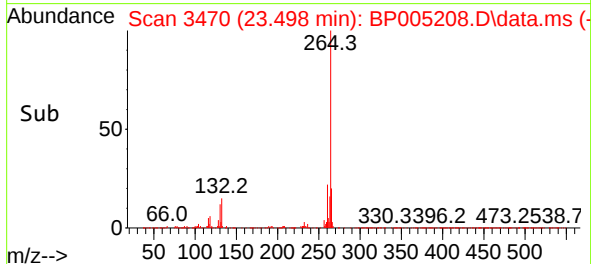
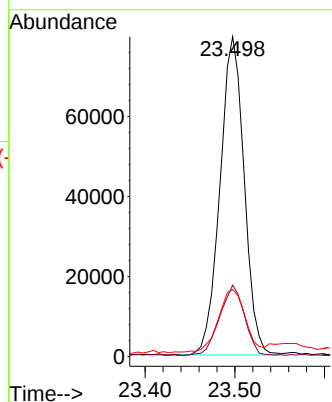
Instrument :
BNA_P
ClientSampled :
CHRT-20111



Tgt Ion:264 Resp: 148694
Ion Ratio Lower Upper
264 100
260 22.4 18.8 28.2
265 21.0 17.4 26.2

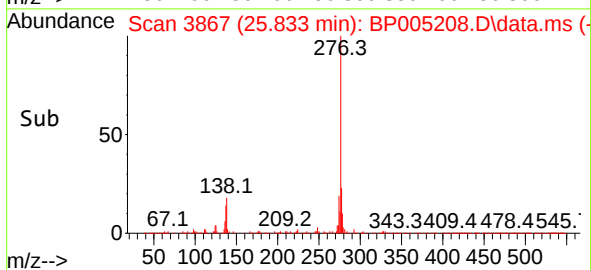
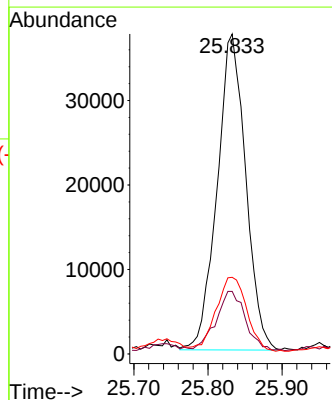
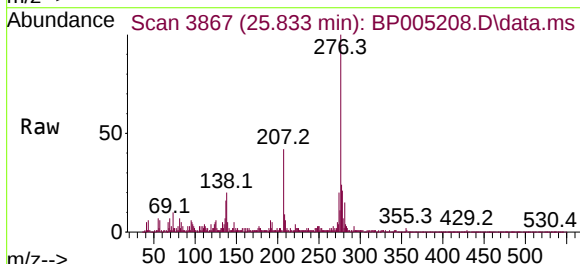
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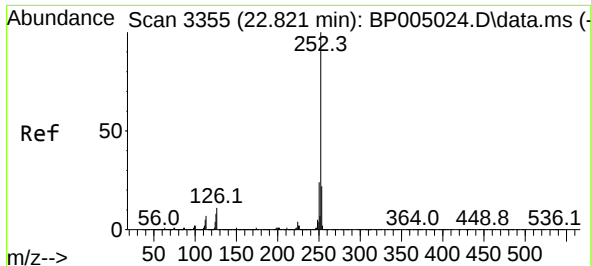
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#87
Indeno(1,2,3-cd)pyrene
Concen: 8.97 ng
RT: 25.833 min Scan# 3867
Delta R.T. -0.006 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41

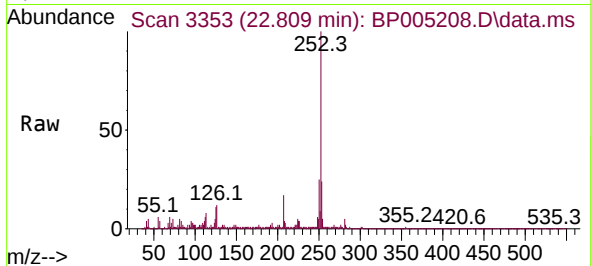
Tgt Ion:276 Resp: 100018
Ion Ratio Lower Upper
276 100
138 19.3 18.7 28.1
277 25.5 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 20.26 ng m
RT: 22.809 min Scan# 3353
Delta R.T. 0.006 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41

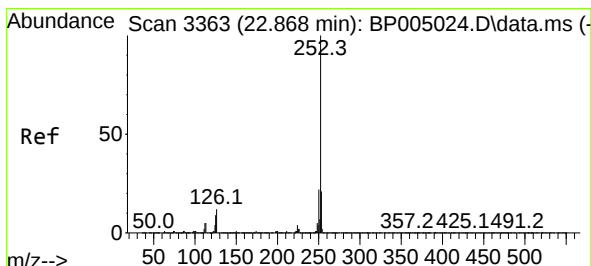
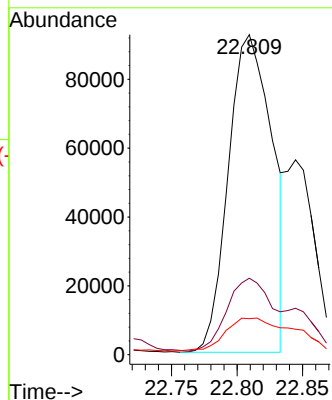
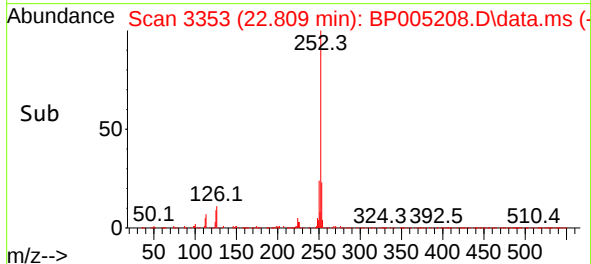
Instrument :
BNA_P
ClientSampleId :
CHRT-20111



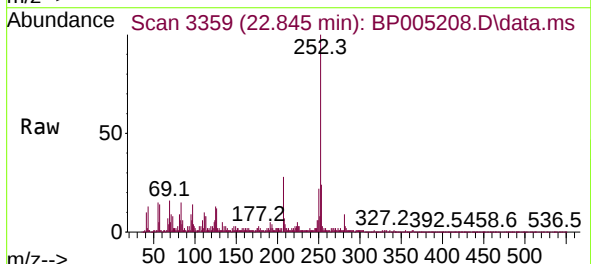
Tgt Ion:252 Resp: 213892
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 11.3 7.3 10.9#

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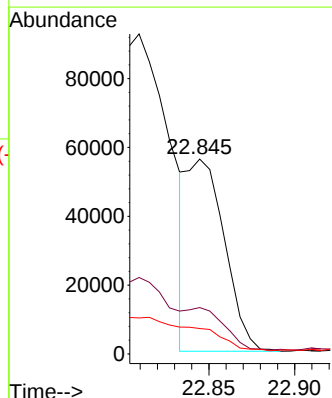
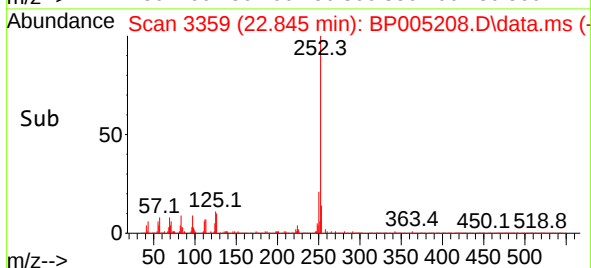
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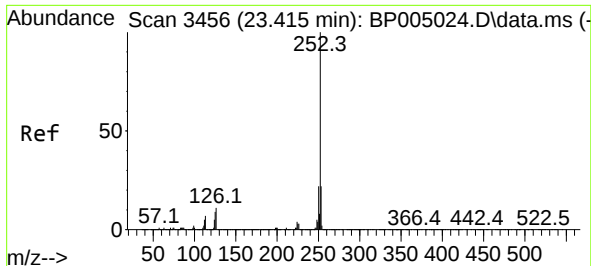


#89
Benzo(k)fluoranthene
Concen: 8.38 ng m
RT: 22.845 min Scan# 3359
Delta R.T. -0.006 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41



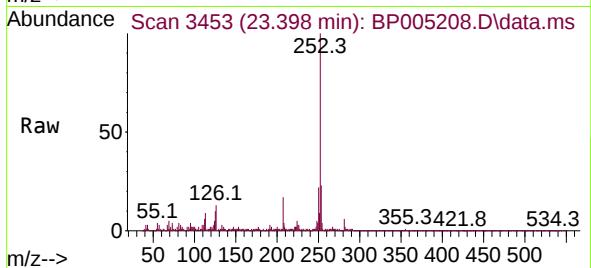
Tgt Ion:252 Resp: 84748
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.8
125 13.1 7.4 11.2#





#90
Benzo(a)pyrene
Concen: 18.30 ng
RT: 23.398 min Scan# 3453
Delta R.T. 0.006 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41

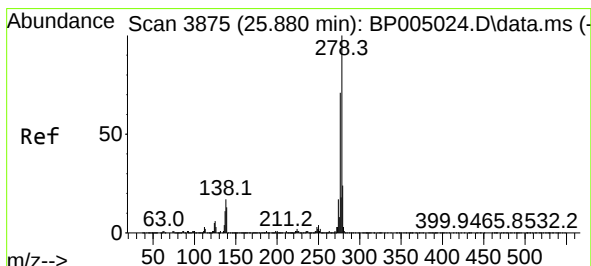
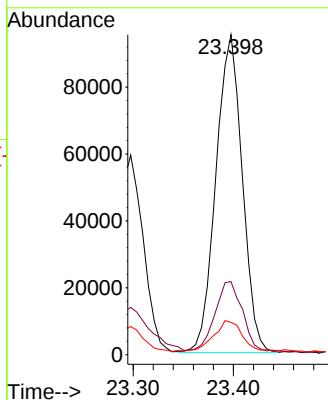
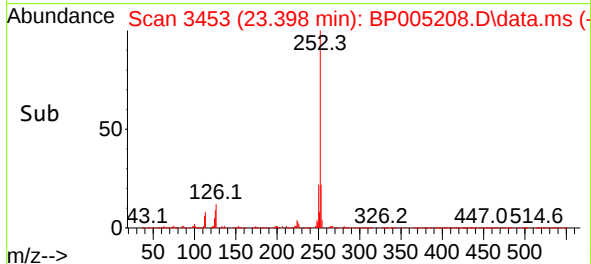
Instrument :
BNA_P
ClientSampled :
CHRT-20111



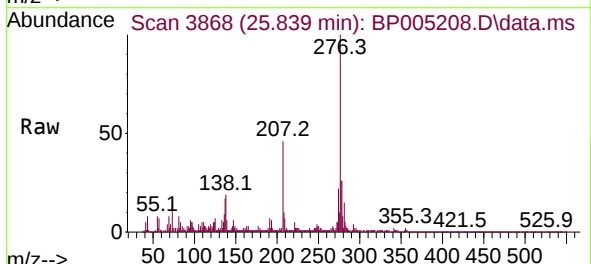
Tgt Ion:252 Resp: 173285
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 10.1 8.2 12.4

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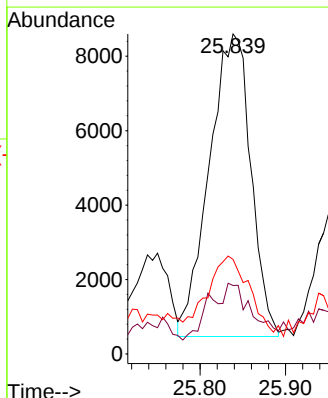
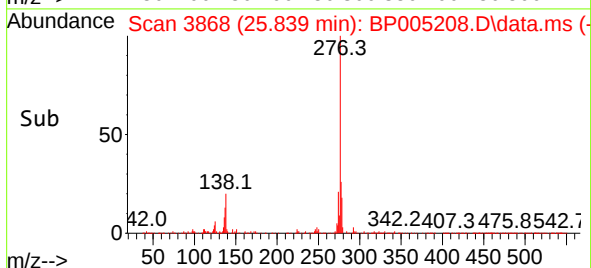
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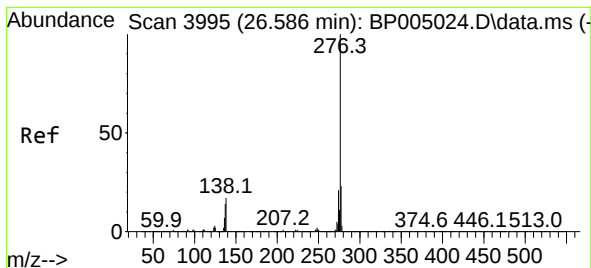


#91
Dibenzo(a,h)anthracene
Concen: 2.84 ng m
RT: 25.839 min Scan# 3868
Delta R.T. -0.006 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41



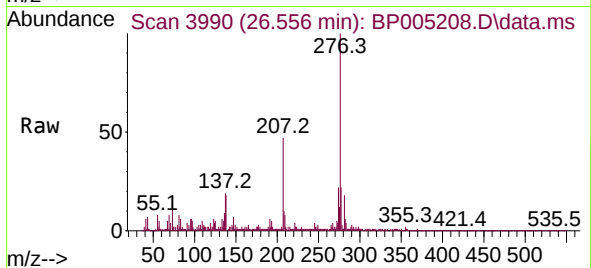
Tgt Ion:278 Resp: 27403
Ion Ratio Lower Upper
278 100
139 21.4 12.4 18.6#
279 29.5 19.0 28.6#





#92
Benzo(g,h,i)perylene
Concen: 10.88 ng
RT: 26.556 min Scan# 3990
Delta R.T. 0.006 min
Lab File: BP005208.D
Acq: 06 Apr 2021 21:41

Instrument :
BNA_P
ClientSampleId :
CHRT-20111



Tgt Ion: 276 Resp: 101251
Ion Ratio Lower Upper
276 100
277 22.2 19.0 28.6
138 18.3 16.6 24.8

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