

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071221\
 Data File : BP006193.D
 Acq On : 12 Jul 2021 21:55
 Operator : CG/JU
 Sample : M3001-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-25720

Manual Integrations
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 7/13/2021 1:42:37 PM

Quant Time: Jul 13 04:17:47 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 12 14:59:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	215858	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	868673	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	461517	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	873159	20.000	ng	# 0.01
76) Chrysene-d12	21.333	240	913957	20.000	ng	# 0.00
86) Perylene-d12	23.716	264	1031243	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	151839	12.103	ng	0.00
7) Phenol-d6	7.064	99	186377	11.232	ng	0.02
23) Nitrobenzene-d5	9.040	82	118653	8.628	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	77324	14.073	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	287724	9.216	ng	0.00
79) Terphenyl-d14	19.804	244	454203	9.798	ng	0.00
Target Compounds						Qvalue
58) Fluorene	15.551	166	104347	3.196	ng	# 68
71) Phenanthrene	17.304	178	1759719	35.686	ng	# 93
72) Anthracene	17.398	178	240388	4.976	ng	# 61
73) Carbazole	17.675	167	166608	3.480	ng	# 30
74) Di-n-butylphthalate	18.198	149	257694	4.472	ng	# 59
75) Fluoranthene	19.275	202	4701017	86.981	ng	96
78) Pyrene	19.622	202	3926935	63.568	ng	98
81) Benzo(a)anthracene	21.316	228	1953774	33.799	ng	99
83) Chrysene	21.369	228	2208213	38.655	ng	98
87) Indeno(1,2,3-cd)pyrene	26.227	276	1568175	20.626	ng	# 93
88) Benzo(b)fluoranthene	22.992	252	3303003	52.802	ng	# 94
89) Benzo(k)fluoranthene	23.033	252	953928m	15.602	ng	
90) Benzo(a)pyrene	23.610	252	1889535	32.189	ng	# 95
91) Dibenzo(a,h)anthracene	26.221	278	411622	6.287	ng	# 89
92) Benzo(g,h,i)perylene	26.998	276	1510108	23.438	ng	# 88

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

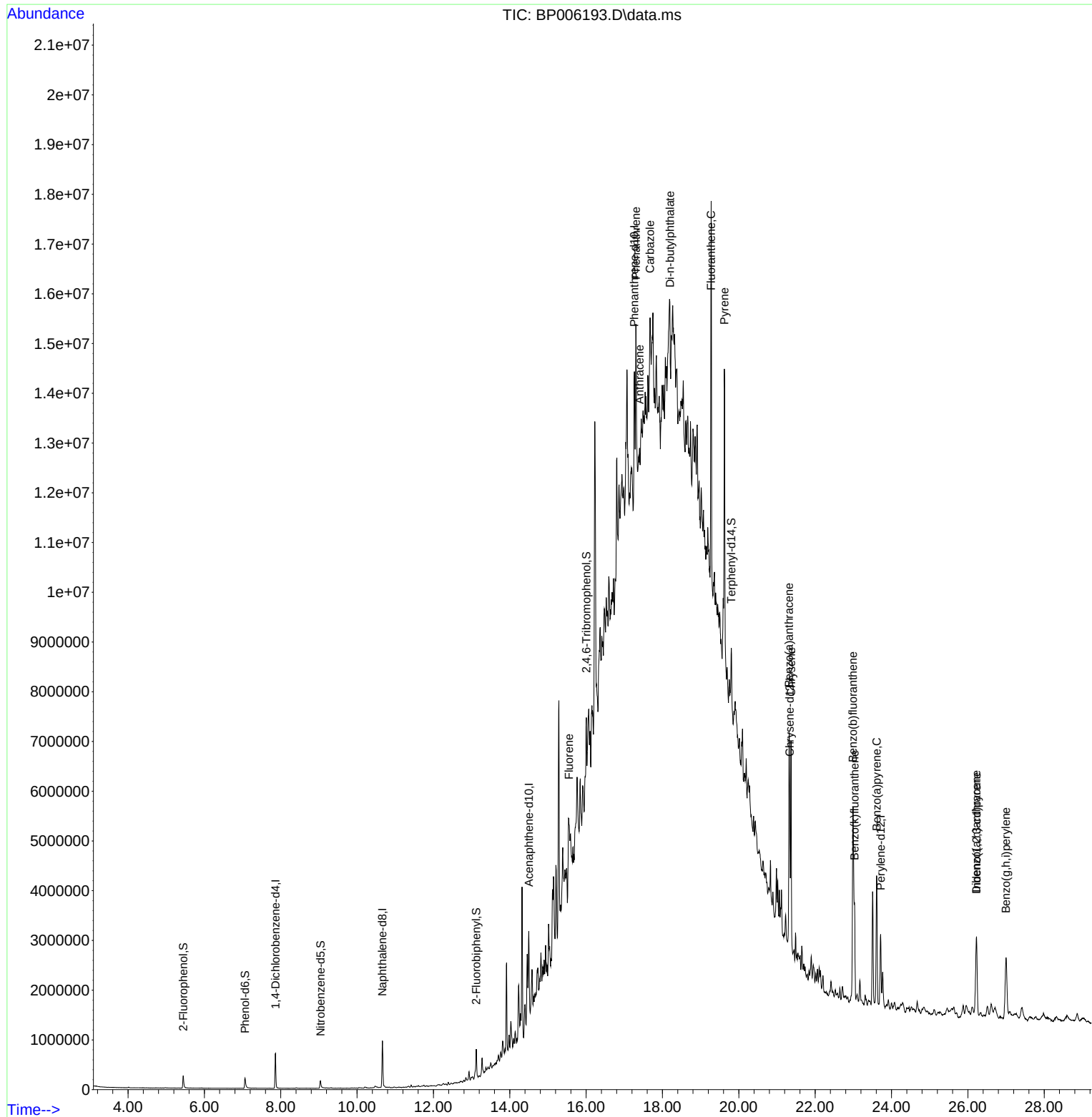
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071221\
Data File : BP006193.D
Acq On : 12 Jul 2021 21:55
Operator : CG/JU
Sample : M3001-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

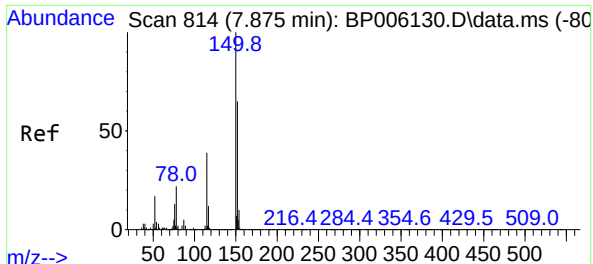
Instrument :
BNA_P
ClientSampled :
CHRT-25720

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Quant Time: Jul 13 04:17:47 2021
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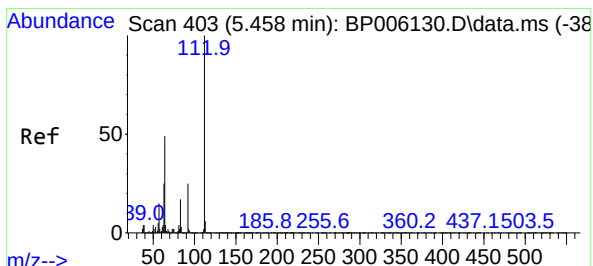
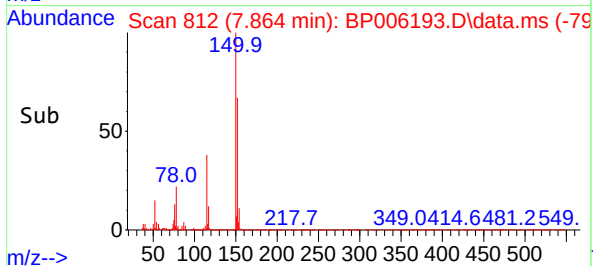
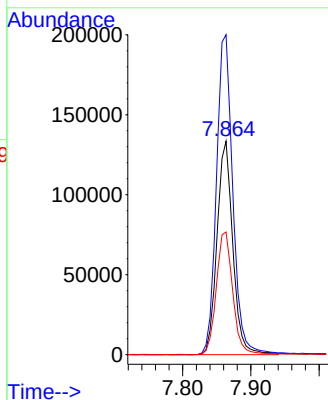
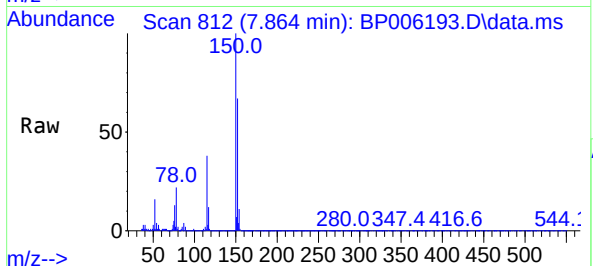
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.864 min Scan# 812
Delta R.T. 0.000 min
Lab File: BP006193.D
Acq: 12 Jul 2021 21:55

Tgt Ion:152 Resp: 215858
Ion Ratio Lower Upper
152 100
150 149.9 125.6 188.4
115 57.5 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
CHRT-25720

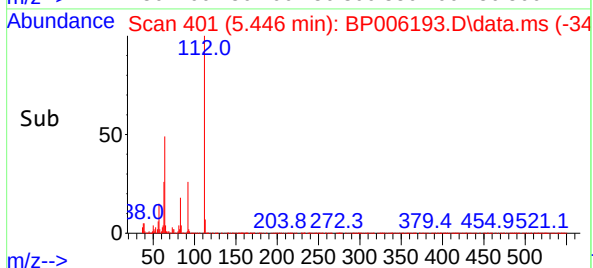
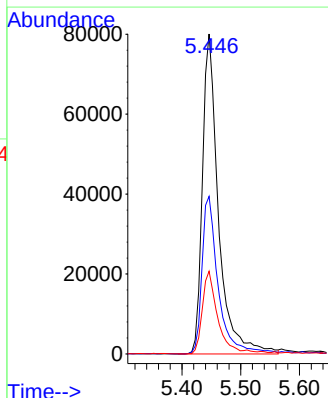
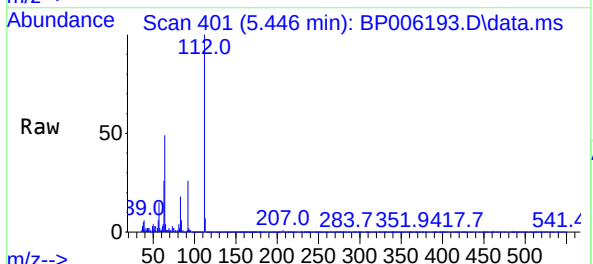
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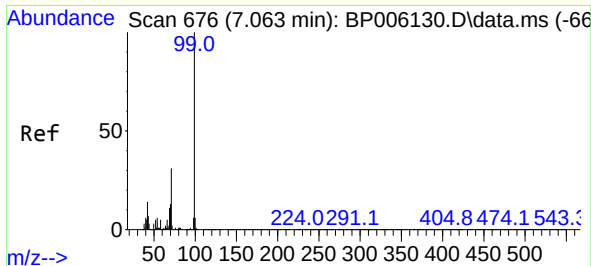
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#5
2-Fluorophenol
Concen: 12.103 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.006 min
Lab File: BP006193.D
Acq: 12 Jul 2021 21:55

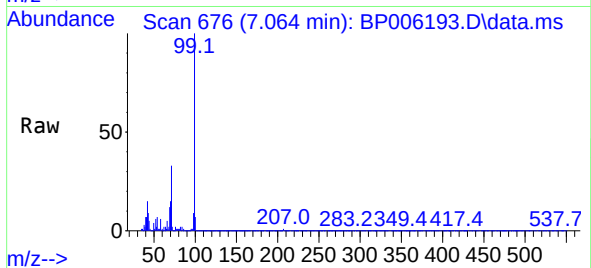
Tgt Ion:112 Resp: 151839
Ion Ratio Lower Upper
112 100
64 49.3 41.4 62.2
63 25.8 23.8 35.8





#7
Phenol-d6
Concen: 11.232 ng
RT: 7.064 min Scan# 676
Delta R.T. 0.018 min
Lab File: BP006193.D
Acq: 12 Jul 2021 21:55

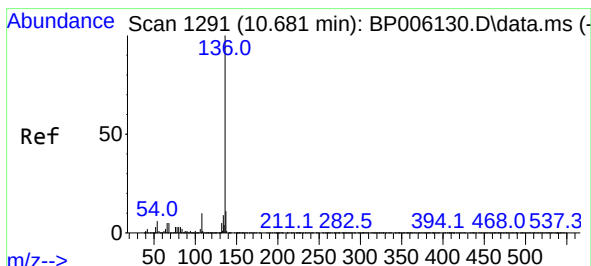
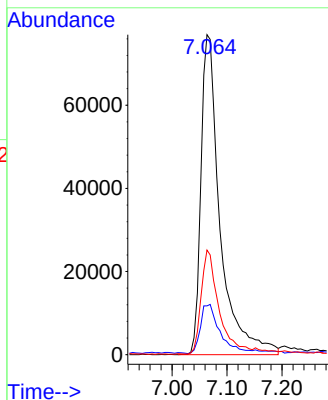
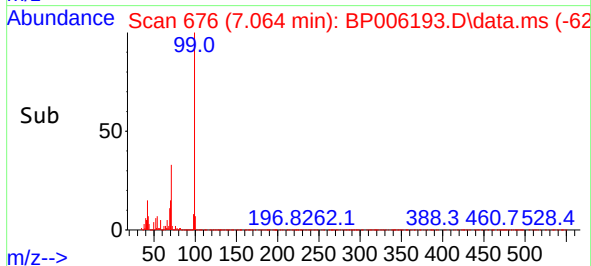
Instrument :
BNA_P
ClientSampleId :
CHRT-25720



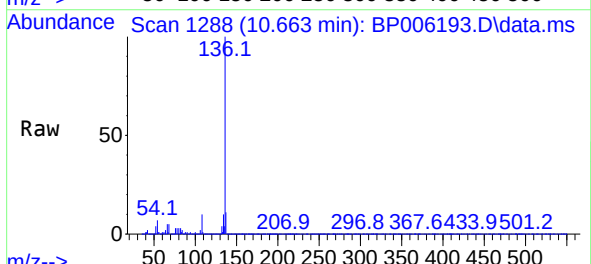
Tgt Ion: 99 Resp: 186377
Ion Ratio Lower Upper
99 100
42 15.2 13.4 20.0
71 32.7 30.6 46.0

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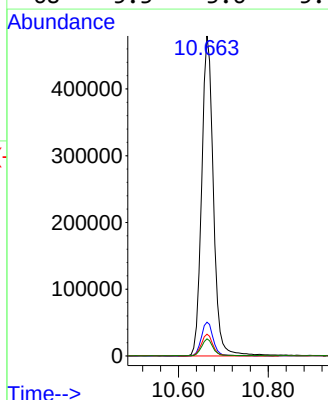
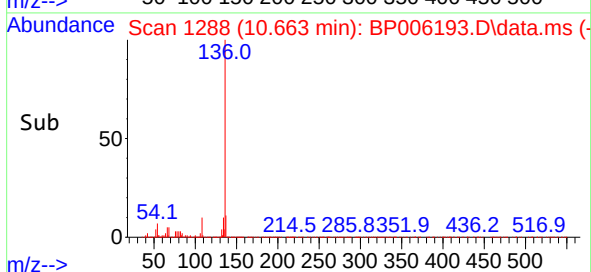
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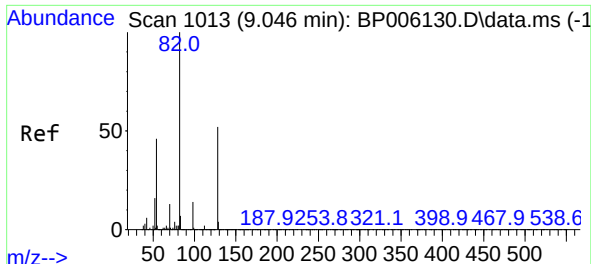


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP006193.D
Acq: 12 Jul 2021 21:55



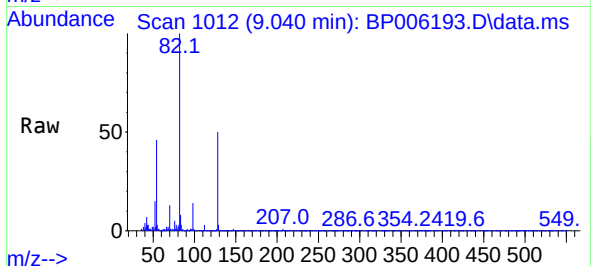
Tgt Ion: 136 Resp: 868673
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 6.8 4.6 6.8
68 5.3 3.6 5.4





#23
Nitrobenzene-d5
Concen: 8.628 ng
RT: 9.040 min Scan# 1012
Delta R.T. 0.006 min
Lab File: BP006193.D
Acq: 12 Jul 2021 21:55

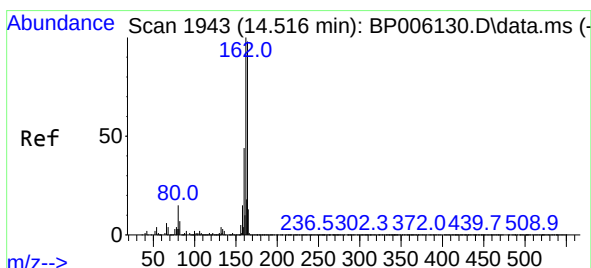
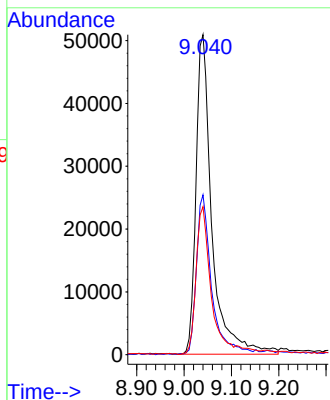
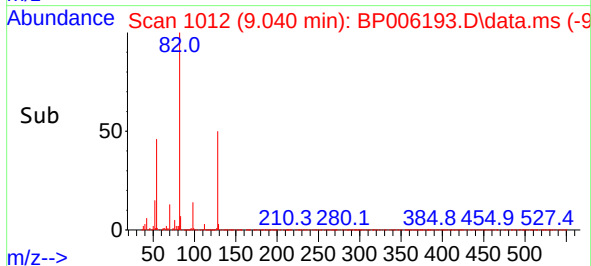
Instrument :
BNA_P
ClientSampleId :
CHRT-25720



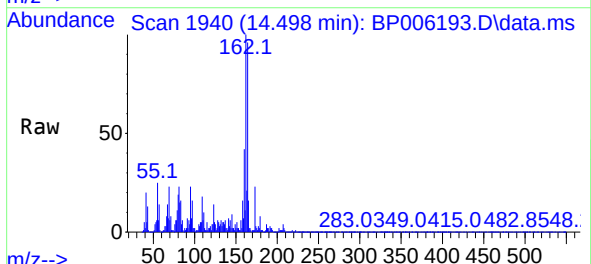
Tgt Ion: 82 Resp: 118653
Ion Ratio Lower Upper
82 100
128 49.9 35.7 53.5
54 46.3 35.0 52.4

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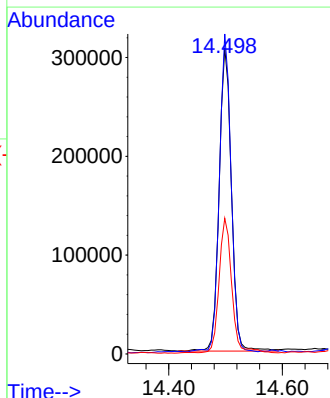
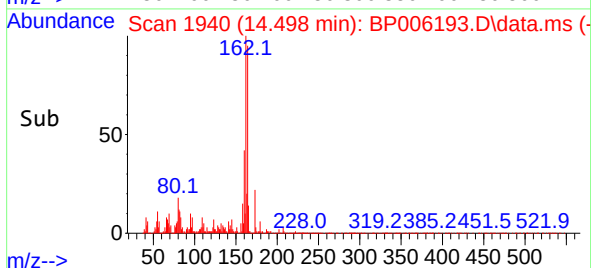
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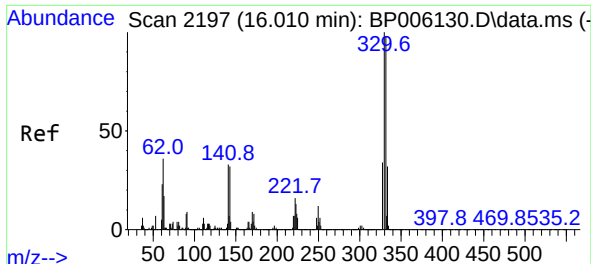


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP006193.D
Acq: 12 Jul 2021 21:55



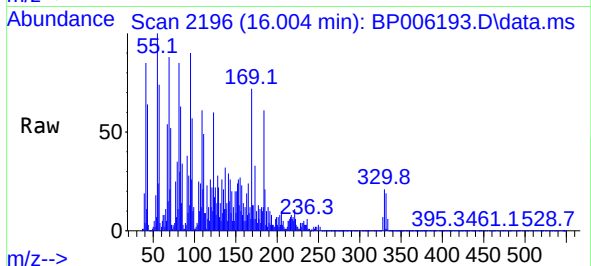
Tgt Ion: 164 Resp: 461517
Ion Ratio Lower Upper
164 100
162 104.5 80.2 120.2
160 44.3 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 14.073 ng
RT: 16.004 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BP006193.D
Acq: 12 Jul 2021 21:55

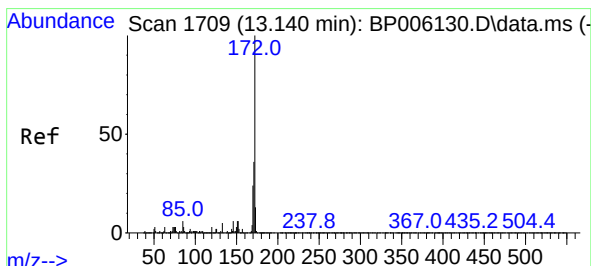
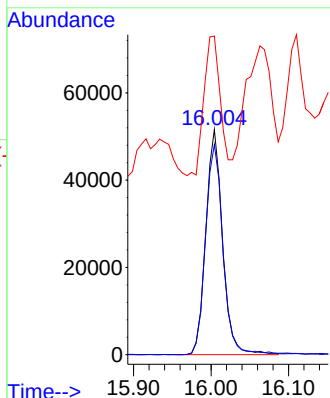
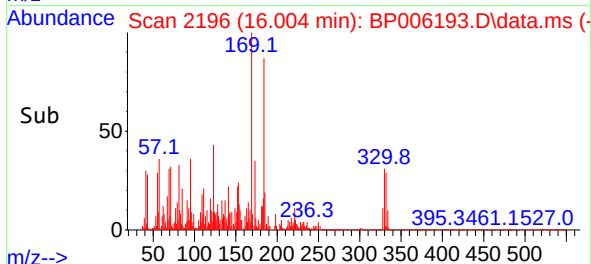
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BNA_P
ClientSampleId :
CHRT-25720



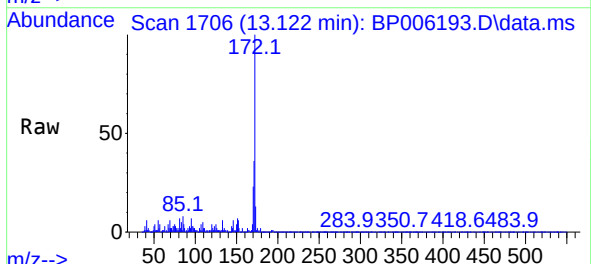
Tgt Ion:330 Resp: 77324
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 61.7 25.4 38.2#

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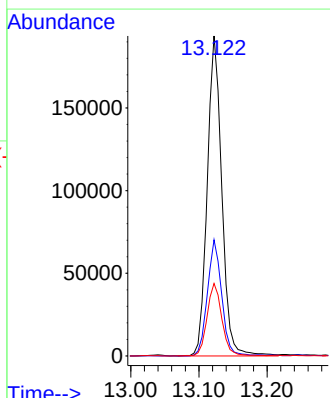
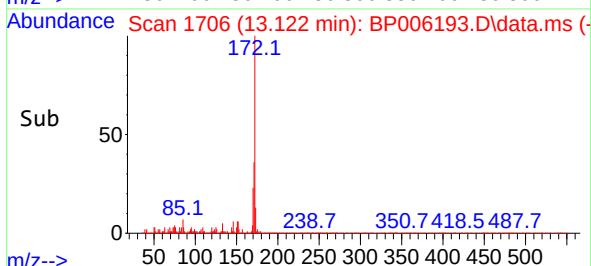
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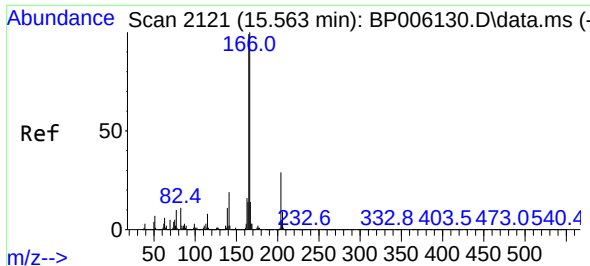


#45
2-Fluorobiphenyl
Concen: 9.216 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BP006193.D
Acq: 12 Jul 2021 21:55



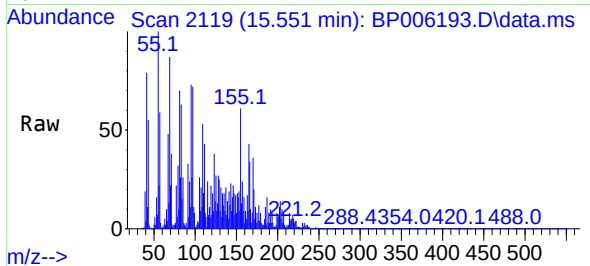
Tgt Ion:172 Resp: 287724
Ion Ratio Lower Upper
172 100
171 36.3 27.9 41.9
170 22.7 18.6 27.8





#58
Fluorene
Concen: 3.196 ng
RT: 15.551 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP006193.D
Acq: 12 Jul 2021 21:55

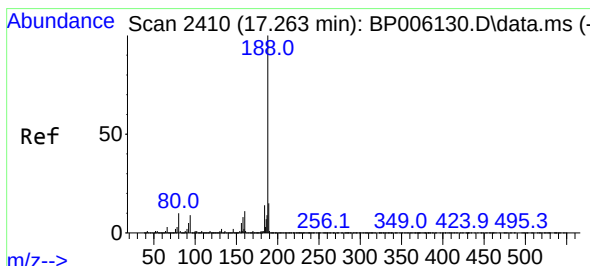
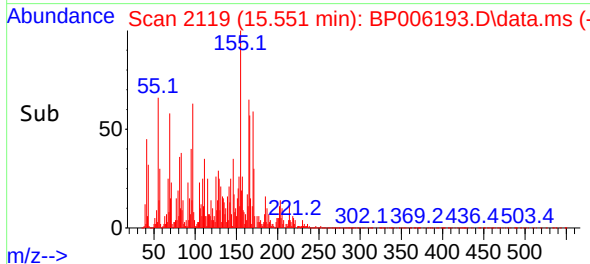
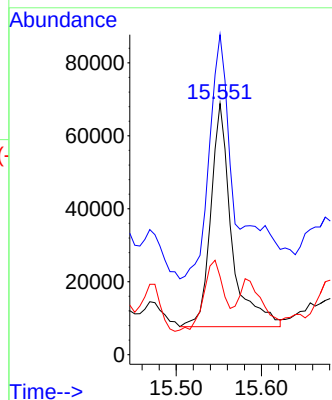
Instrument :
BNA_P
ClientSampleId :
CHRT-25720



Tgt Ion:166 Resp: 104347
Ion Ratio Lower Upper
166 100
165 127.4 78.0 117.0#
167 31.1 10.5 15.7#

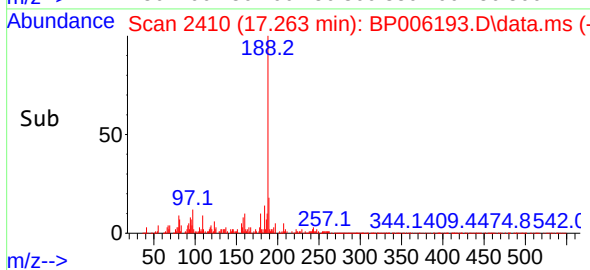
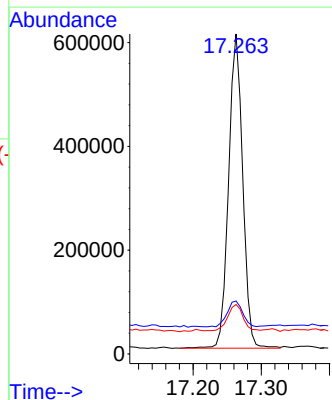
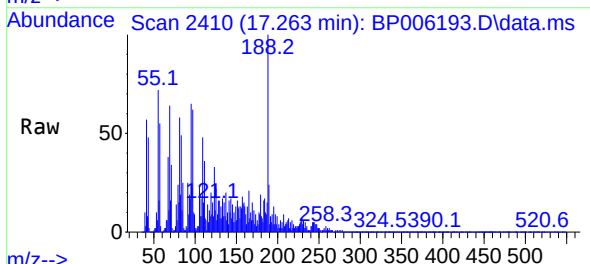
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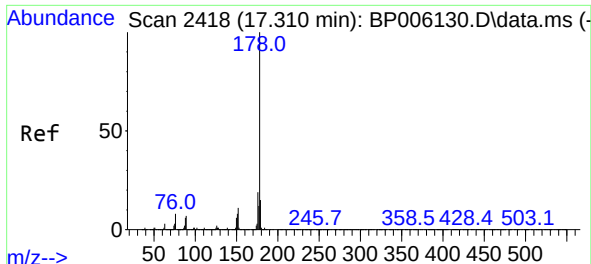
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. 0.012 min
Lab File: BP006193.D
Acq: 12 Jul 2021 21:55

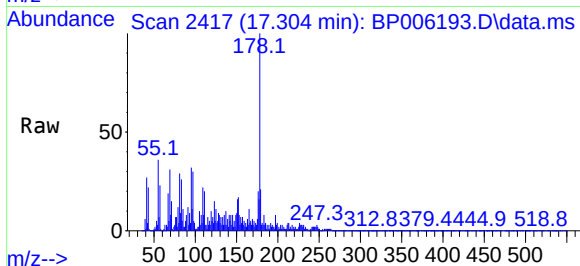
Tgt Ion:188 Resp: 873159
Ion Ratio Lower Upper
188 100
94 16.5 5.6 8.4#
80 15.5 6.3 9.5#





#71
Phenanthrene
Concen: 35.686 ng
RT: 17.304 min Scan# 2417
Delta R.T. 0.012 min
Lab File: BP006193.D
Acq: 12 Jul 2021 21:55

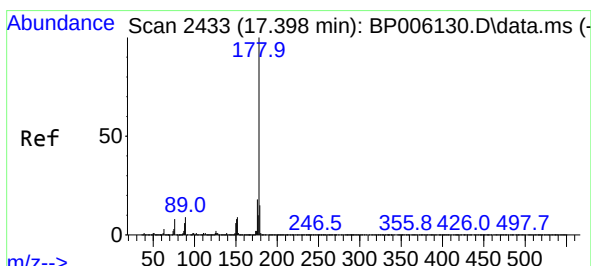
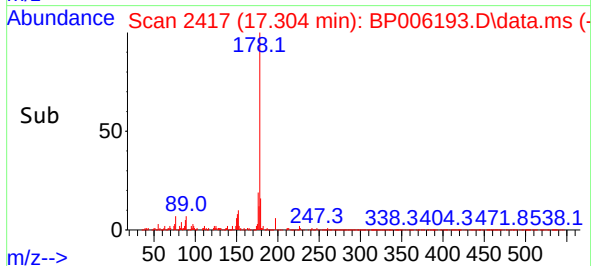
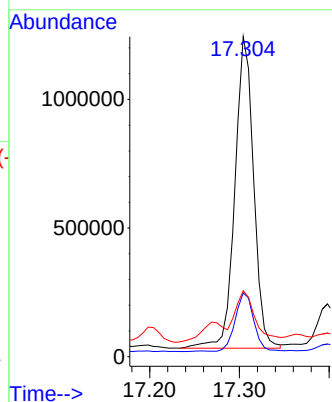
Instrument :
BNA_P
ClientSampleId :
CHRT-25720



Tgt Ion:178 Resp: 1759719
Ion Ratio Lower Upper
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176 19.9 15.1 22.7
179 20.6 12.4 18.6#

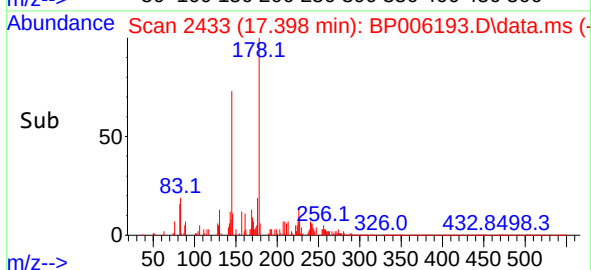
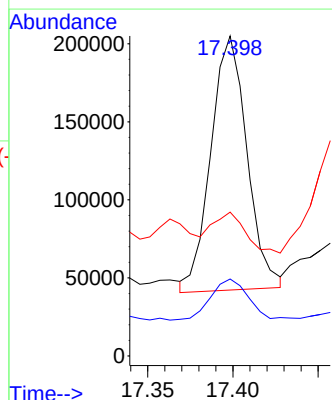
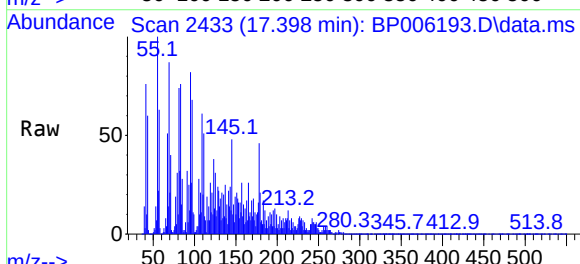
Manual Integrations
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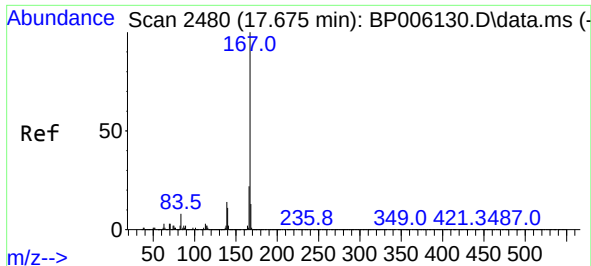
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#72
Anthracene
Concen: 4.976 ng
RT: 17.398 min Scan# 2433
Delta R.T. 0.012 min
Lab File: BP006193.D
Acq: 12 Jul 2021 21:55

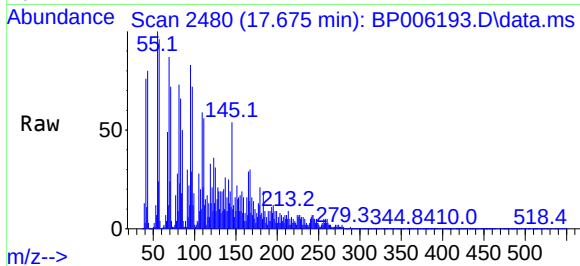
Tgt Ion:178 Resp: 240388
Ion Ratio Lower Upper
178 100
176 24.0 14.9 22.3#
179 45.0 12.2 18.2#





#73
 Carbazole
 Concen: 3.480 ng
 RT: 17.675 min Scan# 2480
 Delta R.T. 0.012 min
 Lab File: BP006193.D
 Acq: 12 Jul 2021 21:55

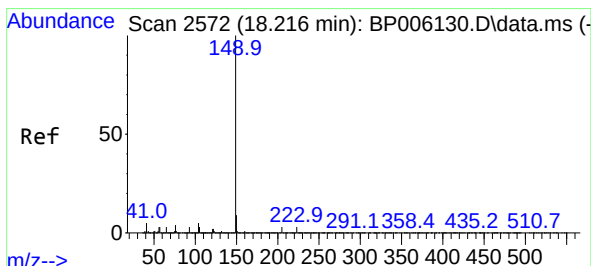
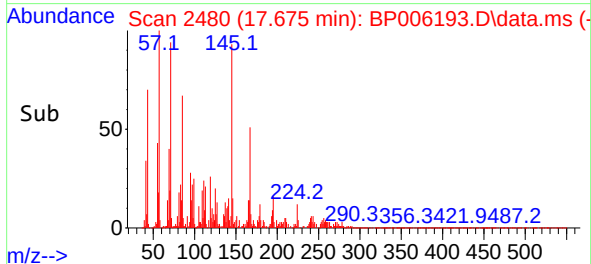
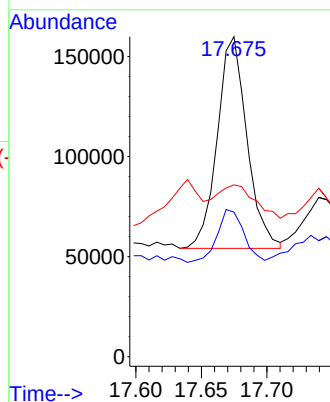
Instrument :
 BNA_P
 ClientSampleId :
 CHRT-25720



Tgt Ion:167 Resp: 166608
 Ion Ratio Lower Upper
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 139 53.7 10.7 16.1#

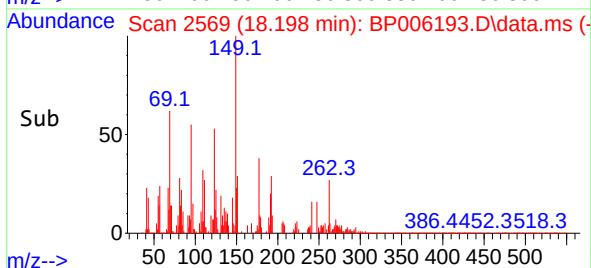
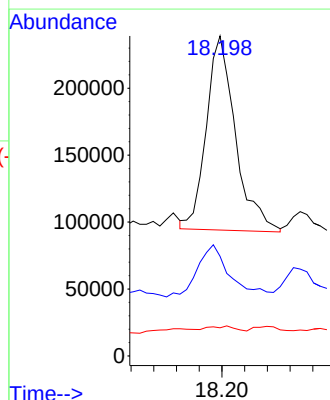
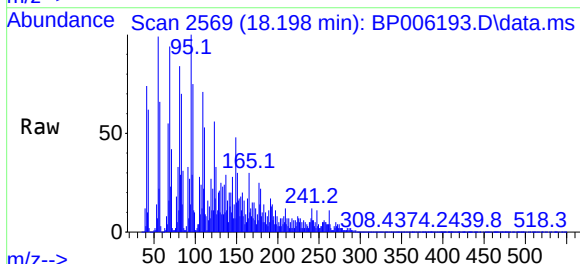
Manual Integrations
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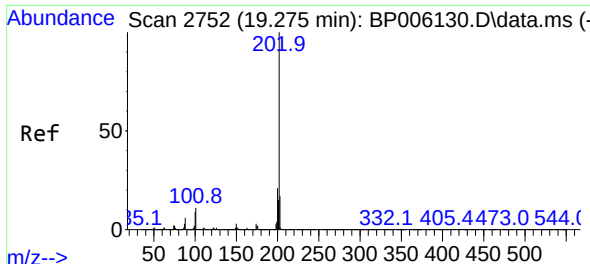
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#74
 Di-n-butylphthalate
 Concen: 4.472 ng
 RT: 18.198 min Scan# 2569
 Delta R.T. 0.000 min
 Lab File: BP006193.D
 Acq: 12 Jul 2021 21:55

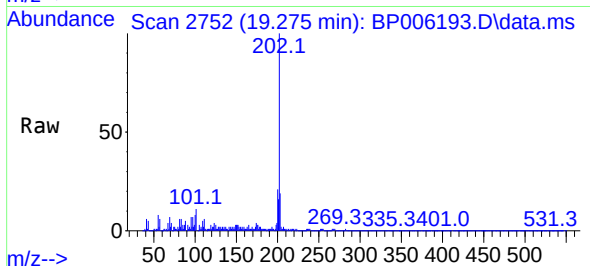
Tgt Ion:149 Resp: 257694
 Ion Ratio Lower Upper
 149 100
 150 31.1 7.3 10.9#
 104 8.8 4.5 6.7#





#75
Fluoranthene
Concen: 86.981 ng
RT: 19.275 min Scan# 2752
Delta R.T. 0.018 min
Lab File: BP006193.D
Acq: 12 Jul 2021 21:55

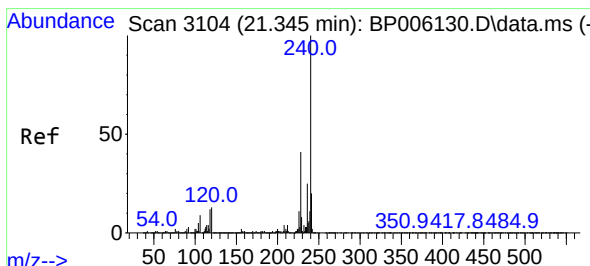
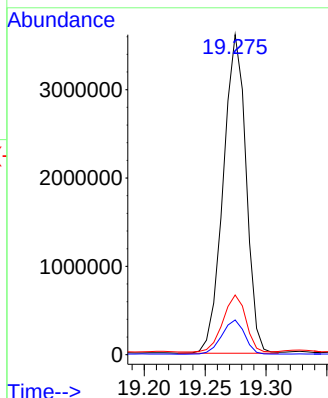
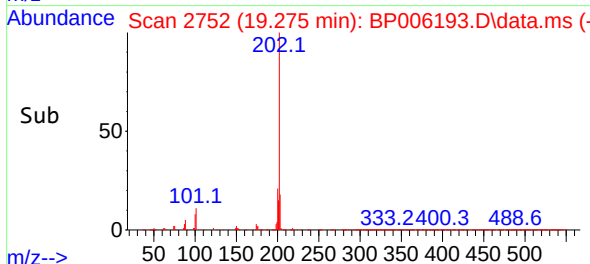
Instrument :
BNA_P
ClientSampled :
CHRT-25720



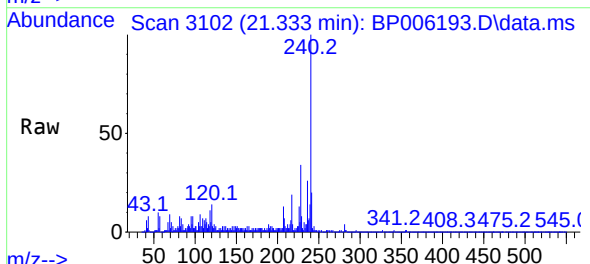
Tgt Ion:202 Resp: 4701017
Ion Ratio Lower Upper
202 100
101 10.9 0.0 27.6
203 18.6 0.0 37.8

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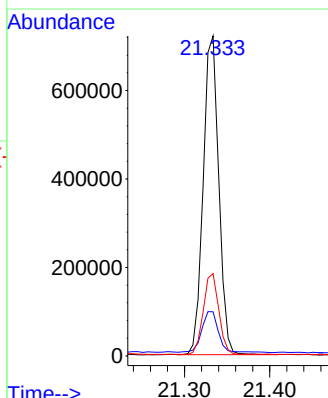
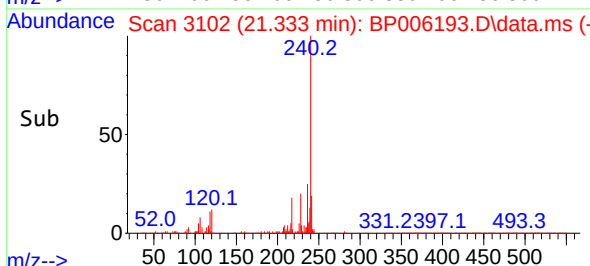
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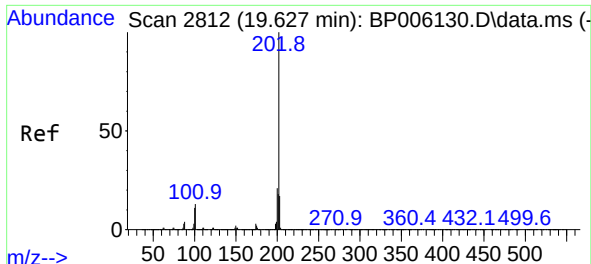


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3102
Delta R.T. 0.006 min
Lab File: BP006193.D
Acq: 12 Jul 2021 21:55



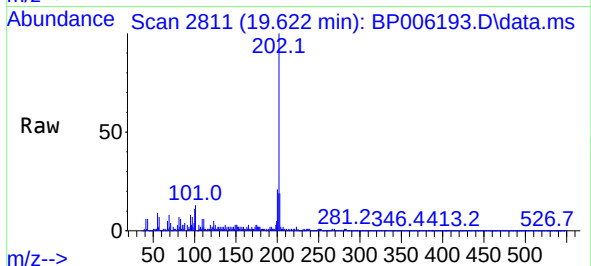
Tgt Ion:240 Resp: 913957
Ion Ratio Lower Upper
240 100
120 13.8 6.5 9.7#
236 25.8 20.6 31.0





#78
Pyrene
Concen: 63.568 ng
RT: 19.622 min Scan# 2811
Delta R.T. 0.012 min
Lab File: BP006193.D
Acq: 12 Jul 2021 21:55

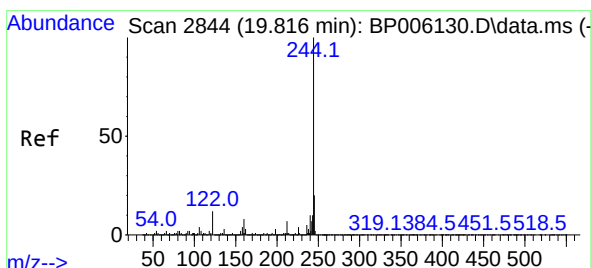
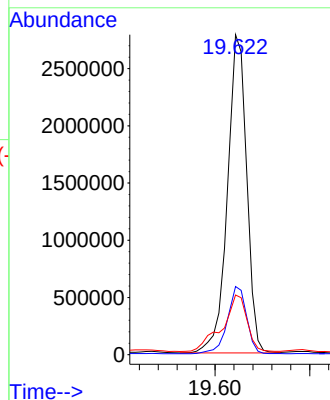
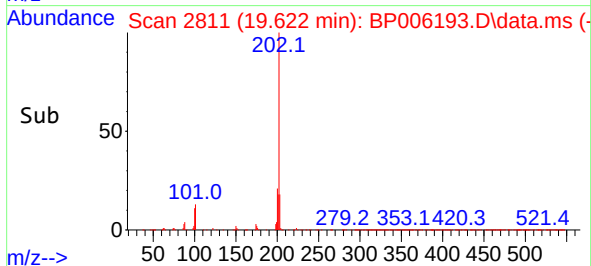
Instrument :
BNA_P
ClientSampleId :
CHRT-25720



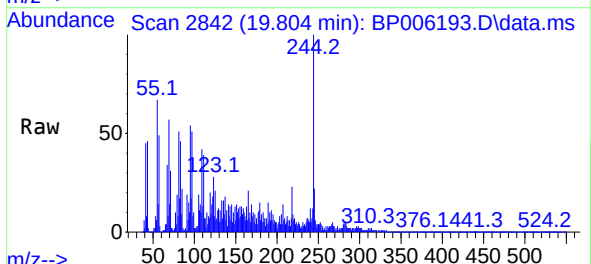
Tgt Ion:202 Resp: 3926935
Ion Ratio Lower Upper
202 100
200 21.3 16.3 24.5
203 18.7 14.2 21.2

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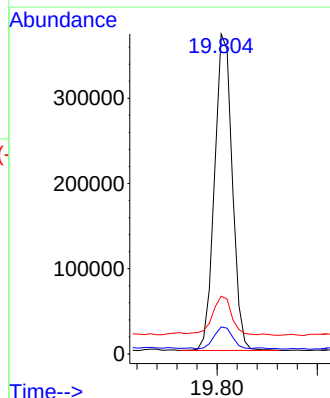
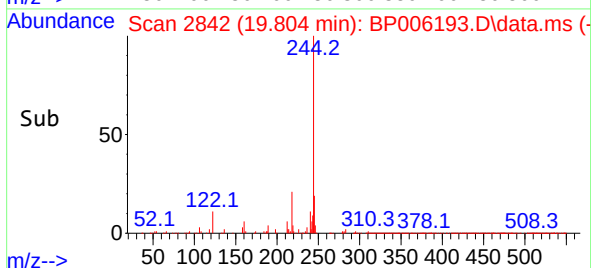
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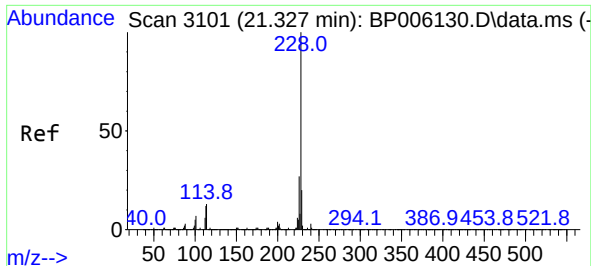


#79
Terphenyl-d14
Concen: 9.798 ng
RT: 19.804 min Scan# 2842
Delta R.T. 0.000 min
Lab File: BP006193.D
Acq: 12 Jul 2021 21:55



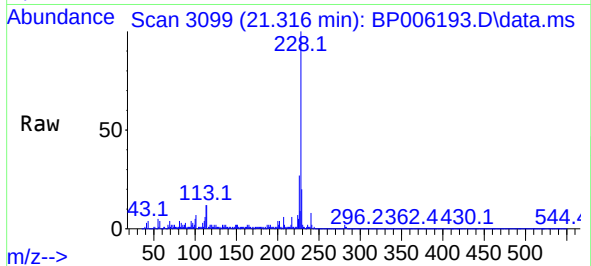
Tgt Ion:244 Resp: 454203
Ion Ratio Lower Upper
244 100
212 8.5 6.0 9.0
122 18.1 7.1 10.7#





#81
Benzo(a)anthracene
Concen: 33.799 ng
RT: 21.316 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BP006193.D
Acq: 12 Jul 2021 21:55

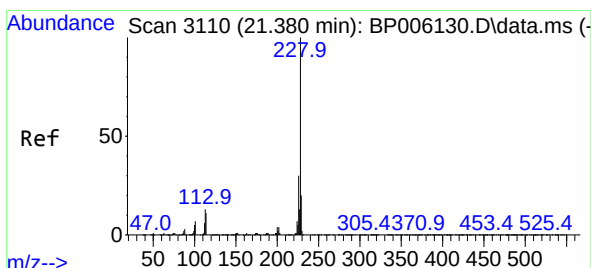
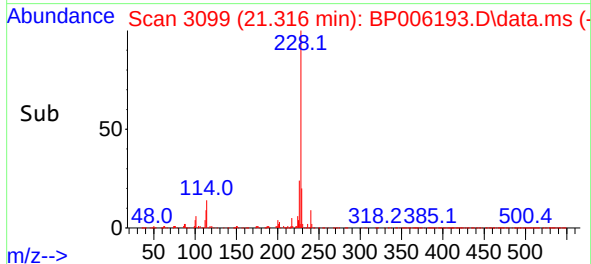
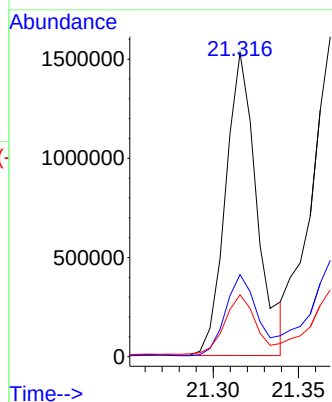
Instrument :
BNA_P
ClientSampleId :
CHRT-25720



Tgt Ion:228 Resp: 1953774
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 20.4 15.8 23.6

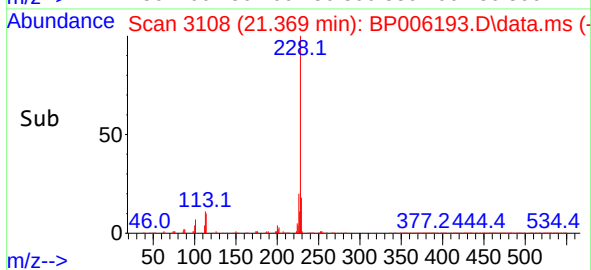
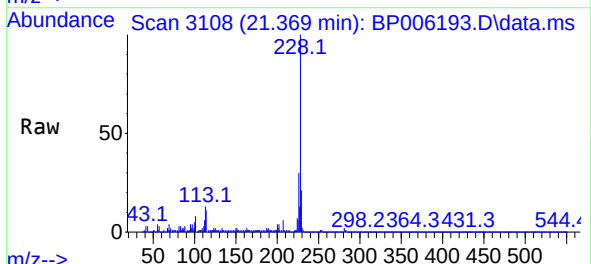
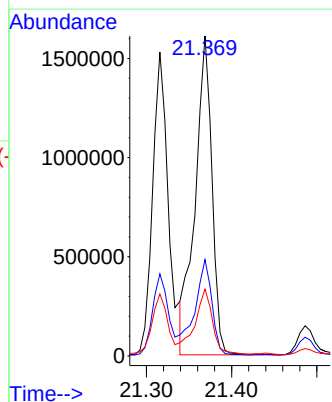
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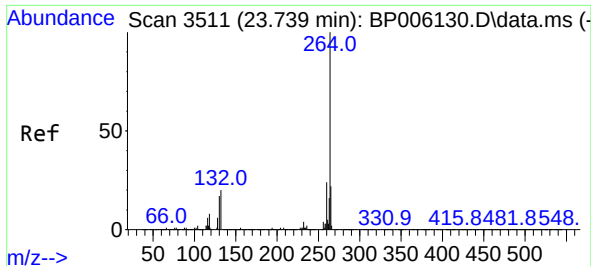
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#83
Chrysene
Concen: 38.655 ng
RT: 21.369 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BP006193.D
Acq: 12 Jul 2021 21:55

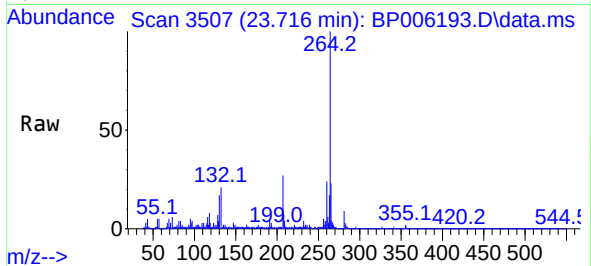
Tgt Ion:228 Resp: 2208213
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.6
229 20.9 15.4 23.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.716 min Scan# 3507
Delta R.T. 0.000 min
Lab File: BP006193.D
Acq: 12 Jul 2021 21:55

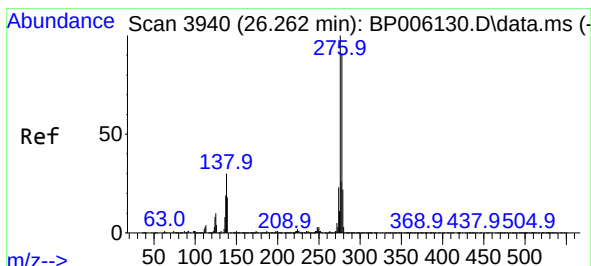
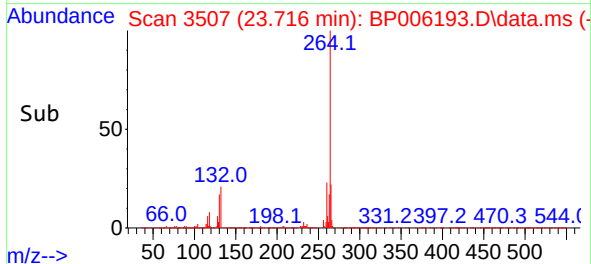
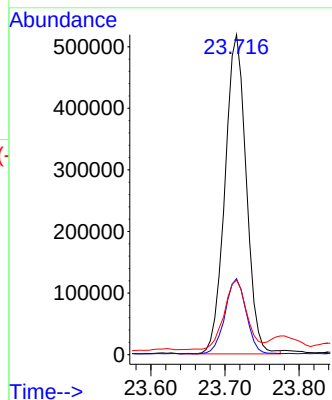
Instrument :
BNA_P
ClientSampled :
CHRT-25720



Tgt Ion:264 Resp: 1031243
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 23.3 17.6 26.4

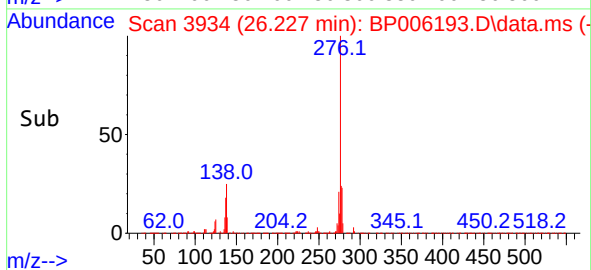
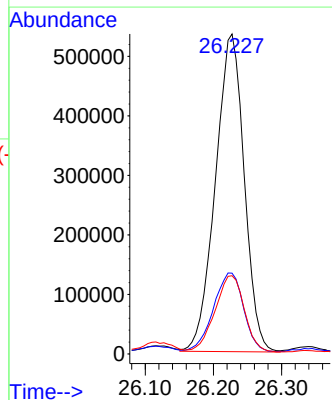
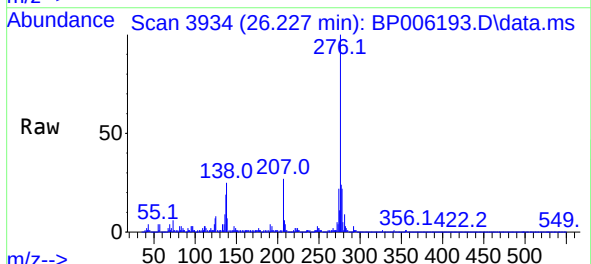
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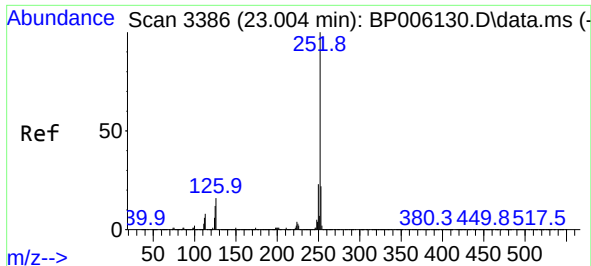
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#87
Indeno(1,2,3-cd)pyrene
Concen: 20.626 ng
RT: 26.227 min Scan# 3934
Delta R.T. -0.005 min
Lab File: BP006193.D
Acq: 12 Jul 2021 21:55

Tgt Ion:276 Resp: 1568175
Ion Ratio Lower Upper
276 100
138 25.9 15.3 22.9#
277 24.6 20.4 30.6





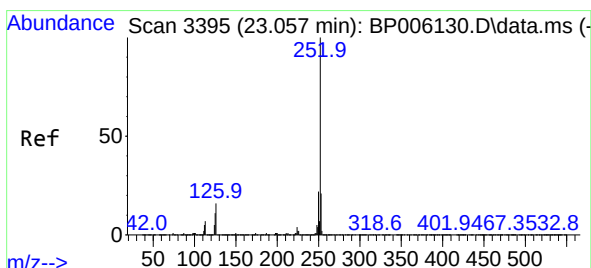
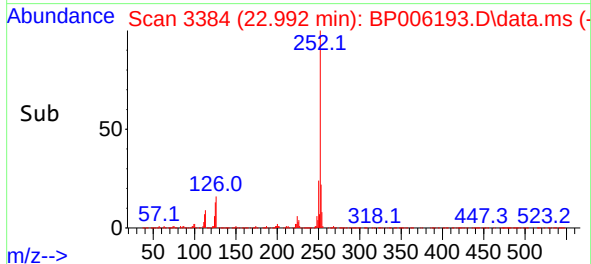
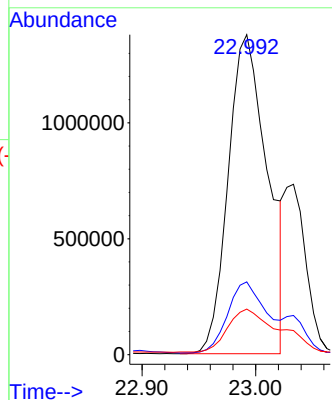
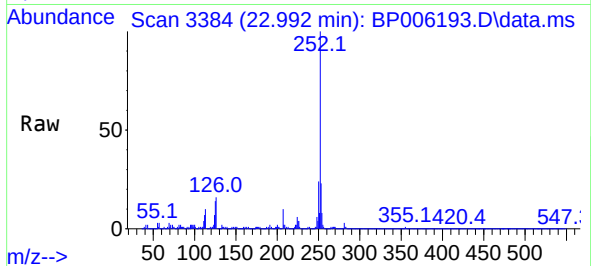
#88
Benzo(b)fluoranthene
Concen: 52.802 ng
RT: 22.992 min Scan# 3384
Delta R.T. 0.006 min
Lab File: BP006193.D
Acq: 12 Jul 2021 21:55

Instrument :
BNA_P
ClientSampleId :
CHRT-25720

Tgt Ion:252 Resp: 3303003
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 14.3 6.2 9.4#

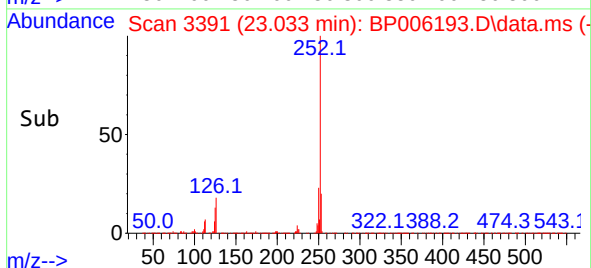
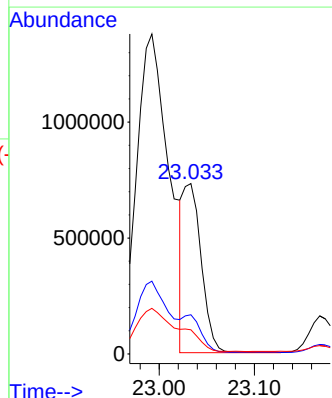
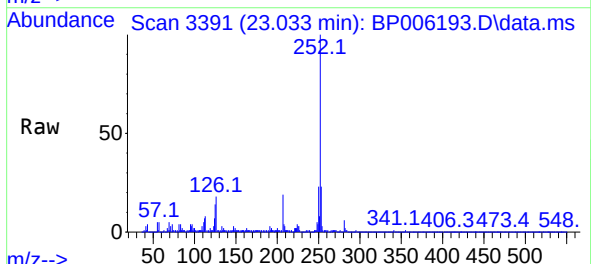
Manual Integrations
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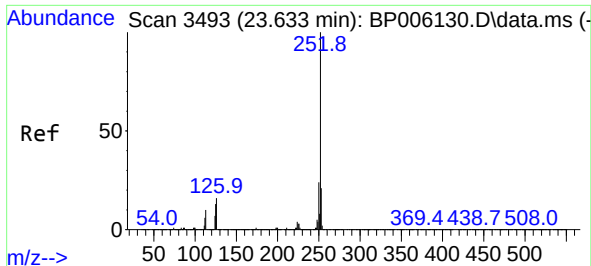
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#89
Benzo(k)fluoranthene
Concen: 15.602 ng m
RT: 23.033 min Scan# 3391
Delta R.T. 0.000 min
Lab File: BP006193.D
Acq: 12 Jul 2021 21:55

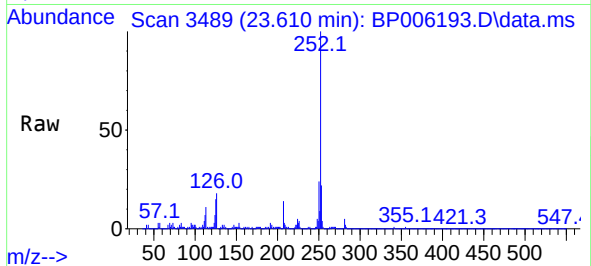
Tgt Ion:252 Resp: 953928
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 14.1 6.0 9.0#





#90
Benzo(a)pyrene
Concen: 32.189 ng
RT: 23.610 min Scan# 3489
Delta R.T. 0.000 min
Lab File: BP006193.D
Acq: 12 Jul 2021 21:55

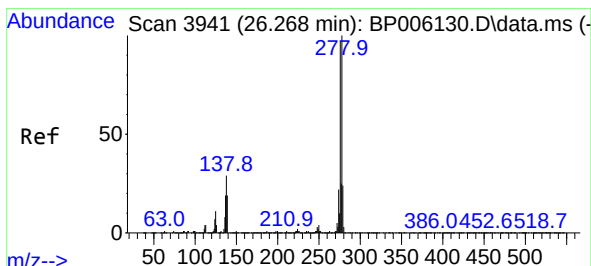
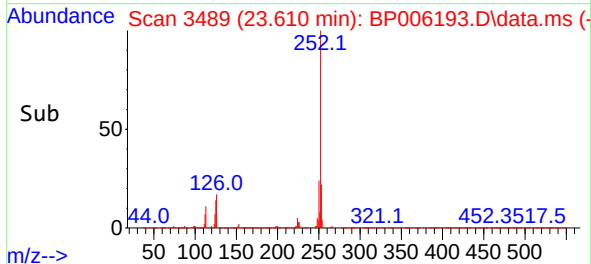
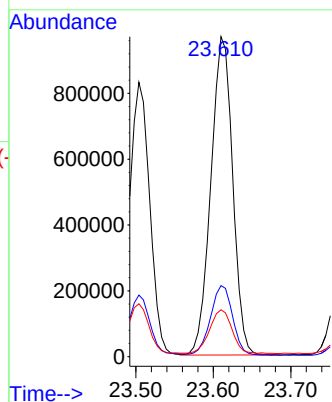
Instrument :
BNA_P
ClientSampleId :
CHRT-25720



Tgt Ion:252 Resp: 1889535
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 14.6 6.5 9.7#

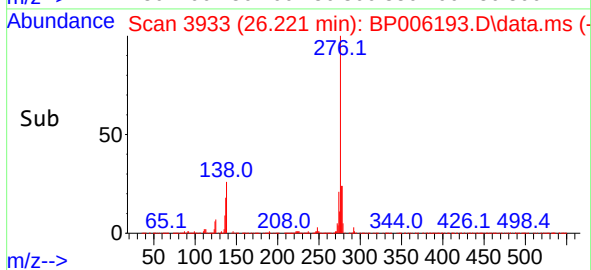
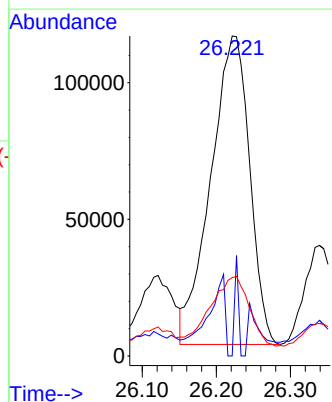
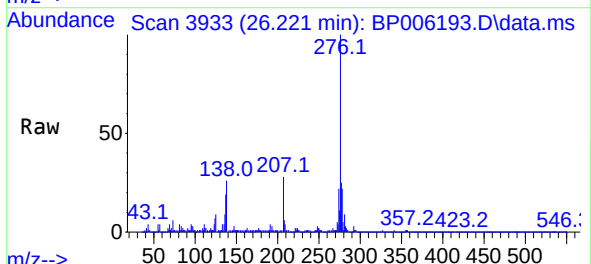
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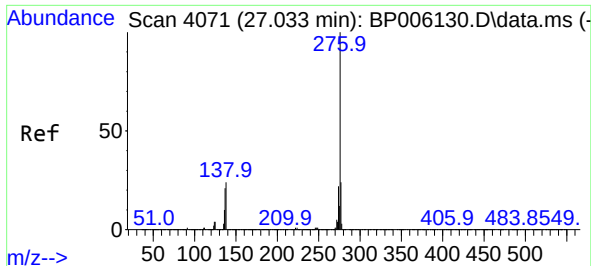
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#91
Dibenzo(a,h)anthracene
Concen: 6.287 ng
RT: 26.221 min Scan# 3933
Delta R.T. -0.017 min
Lab File: BP006193.D
Acq: 12 Jul 2021 21:55

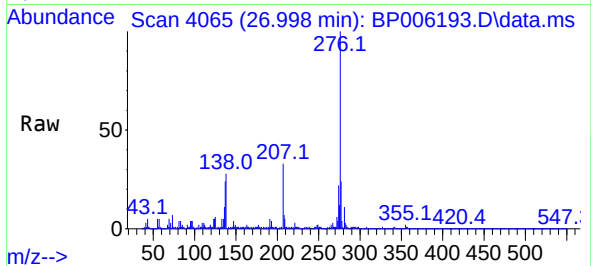
Tgt Ion:278 Resp: 411622
Ion Ratio Lower Upper
278 100
139 0.0 9.3 13.9#
279 24.5 18.8 28.2





#92
Benzo(g,h,i)perylene
Concen: 23.438 ng
RT: 26.998 min Scan# 4065
Delta R.T. -0.005 min
Lab File: BP006193.D
Acq: 12 Jul 2021 21:55

Instrument :
BNA_P
ClientSampleId :
CHRT-25720



Tgt Ion:276 Resp: 1510108
Ion Ratio Lower Upper
276 100
277 24.2 18.9 28.3
138 27.6 12.6 18.8#

Manual Integrations
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