

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092021\
 Data File : BP007071.D
 Acq On : 21 Sep 2021 03:04
 Operator : CG/JU
 Sample : M3687-23DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A010015DL

Manual Integrations
 APPROVED

mohammad
 9/21/2021 11:29:49 AM

Quant Time: Sep 21 03:32:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 17 10:50:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	405476	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	1611188	20.000	ng	# 0.00
39) Acenaphthene-d10	14.534	164	1004453	20.000	ng	0.00
64) Phenanthrene-d10	17.281	188	1984264	20.000	ng	# 0.00
76) Chrysene-d12	21.363	240	1832739	20.000	ng	# 0.00
86) Perylene-d12	23.774	264	1970309	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1416864	57.060	ng	0.00
7) Phenol-d6	7.069	99	1813574	53.510	ng	0.00
23) Nitrobenzene-d5	9.063	82	1042231	36.331	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	729297	60.374	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	2633559	36.195	ng	-0.01
79) Terphenyl-d14	19.833	244	3476572	36.395	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.981	122	224025	17.601	ng	90
46) 1,1'-Biphenyl	13.369	154	550706	7.029	ng	98
49) Acenaphthylene	14.251	152	500383	5.349	ng	99
71) Phenanthrene	17.322	178	3386357	29.418	ng	99
72) Anthracene	17.410	178	846772	7.688	ng	99
73) Carbazole	17.681	167	268076	2.495	ng	98
75) Fluoranthene	19.292	202	6908475	52.105	ng	97
78) Pyrene	19.639	202	6021019	47.409	ng	97
81) Benzo(a)anthracene	21.345	228	3777471	30.332	ng	97
83) Chrysene	21.398	228	3246571	26.567	ng	96
87) Indeno(1,2,3-cd)pyrene	26.298	276	1818544	12.162	ng	97
88) Benzo(b)fluoranthene	23.039	252	4025109	30.077	ng	# 96
89) Benzo(k)fluoranthene	23.080	252	1190955m	9.143	ng	
90) Benzo(a)pyrene	23.668	252	2889549	24.077	ng	# 96
91) Dibenzo(a,h)anthracene	26.304	278	490849	3.795	ng	# 86
92) Benzo(g,h,i)perylene	27.074	276	1618491	12.969	ng	# 94

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

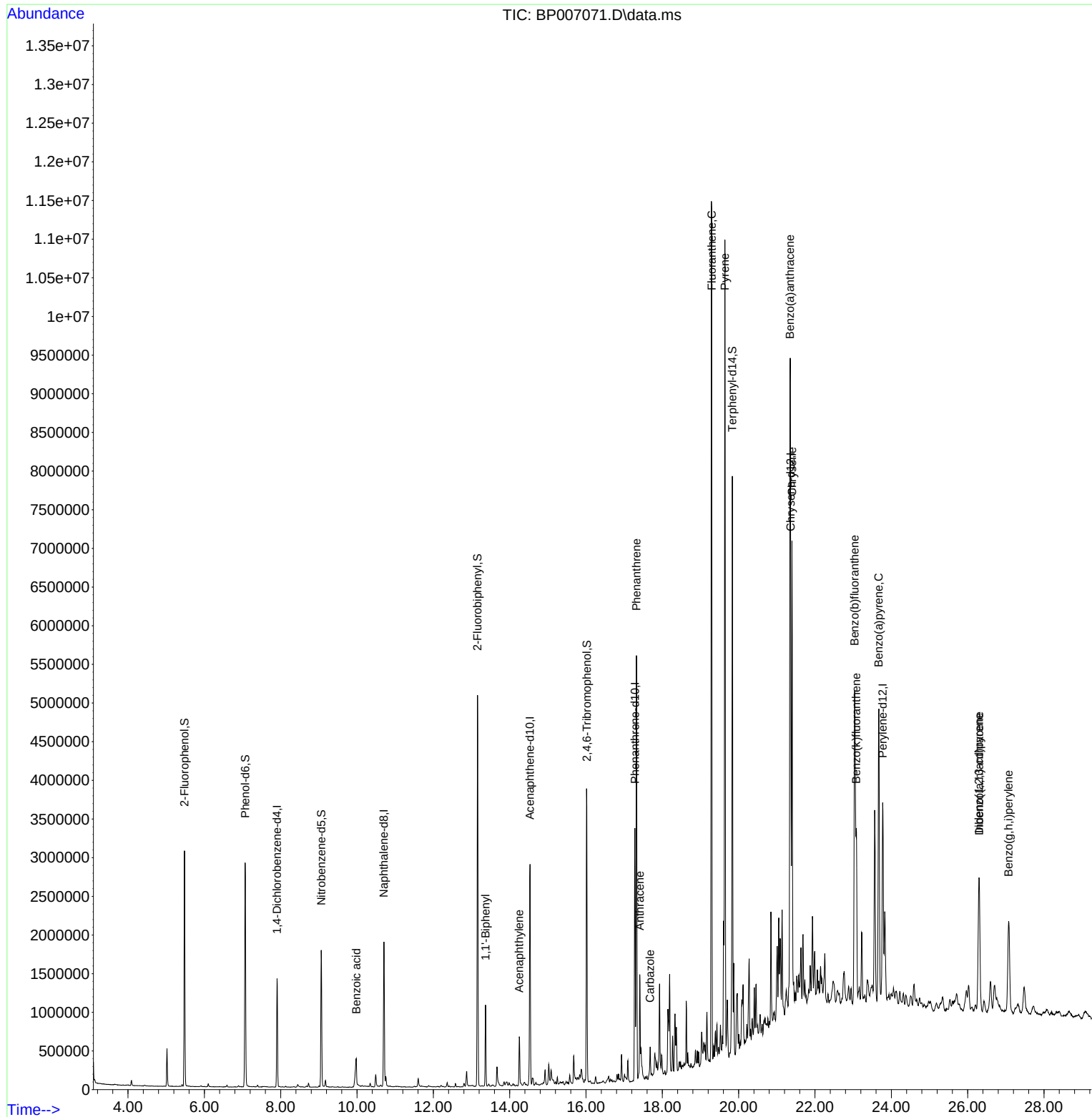
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092021\
Data File : BP007071.D
Acq On : 21 Sep 2021 03:04
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ALS Vial : 20 Sample Multiplier: 1

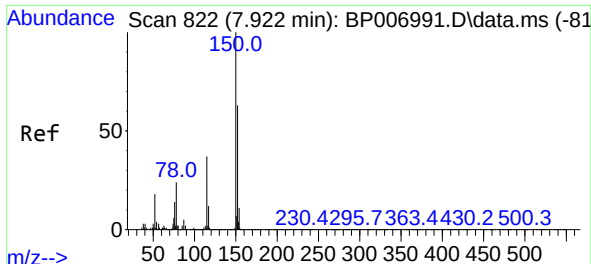
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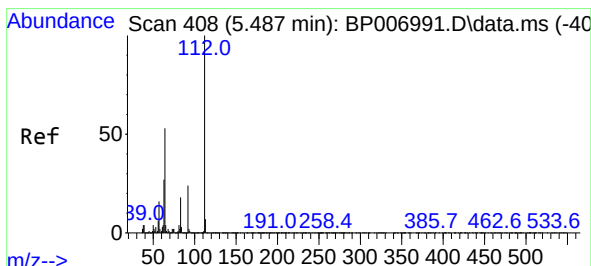
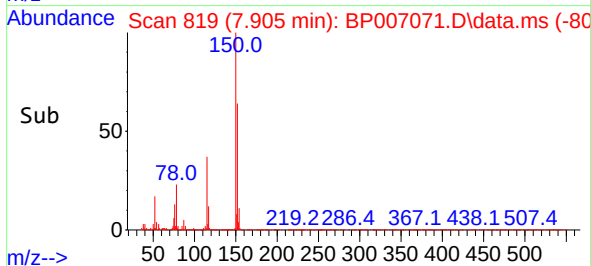
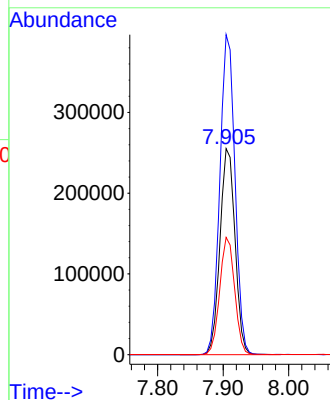
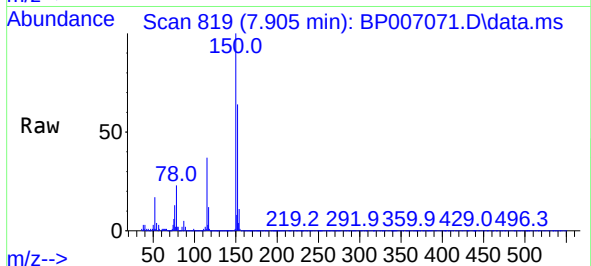
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04

Tgt Ion:152 Resp: 405476
Ion Ratio Lower Upper
152 100
150 155.3 125.6 188.4
115 56.9 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
A010015DL

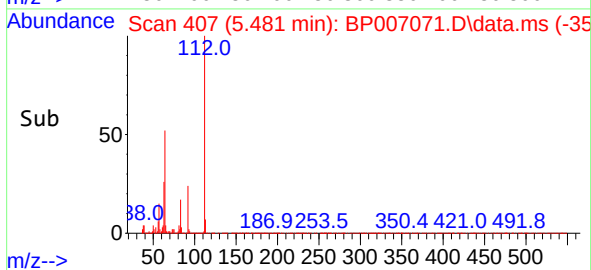
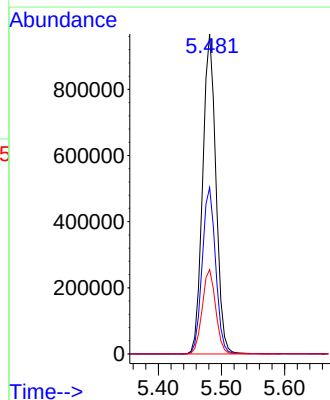
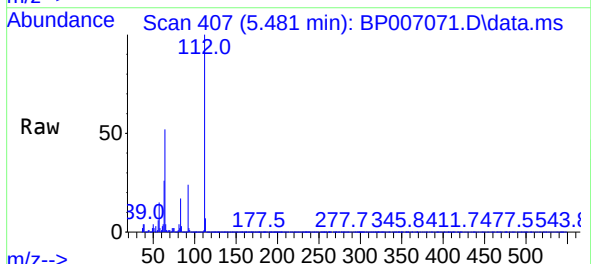
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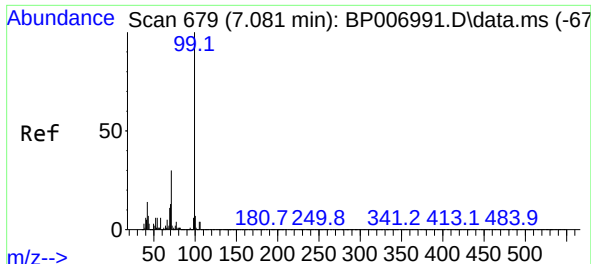
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#5
2-Fluorophenol
Concen: 57.060 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04

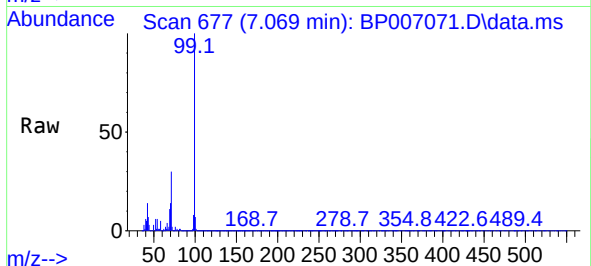
Tgt Ion:112 Resp: 1416864
Ion Ratio Lower Upper
112 100
64 52.0 41.4 62.2
63 26.3 23.8 35.8





#7
Phenol-d6
Concen: 53.510 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.000 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04

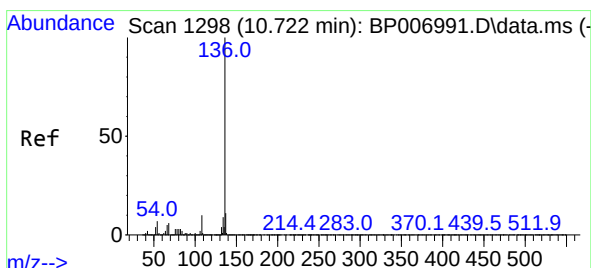
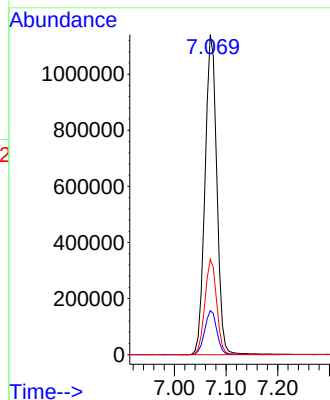
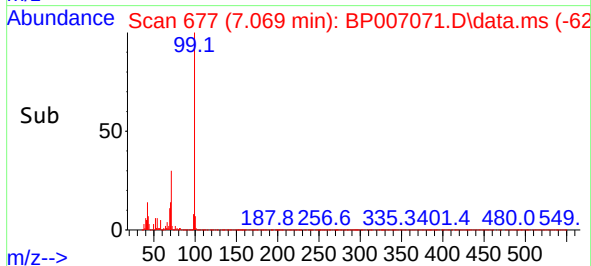
Instrument :
BNA_P
ClientSampleId :
A010015DL



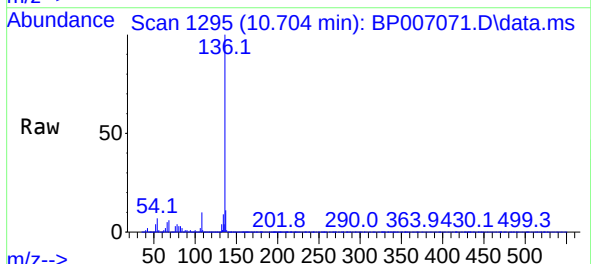
Tgt Ion: 99 Resp: 1813574
Ion Ratio Lower Upper
99 100
42 13.8 13.4 20.0
71 29.8 30.6 46.0#

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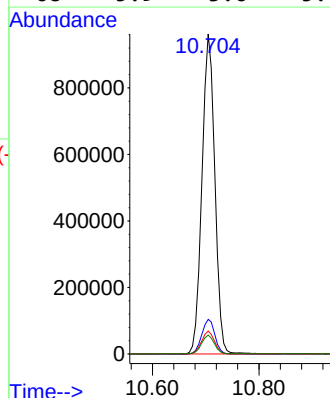
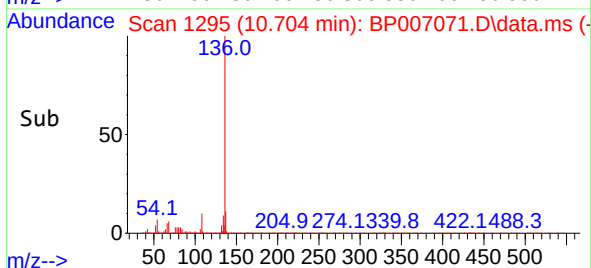
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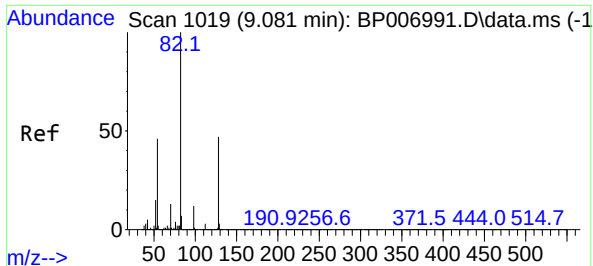


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04



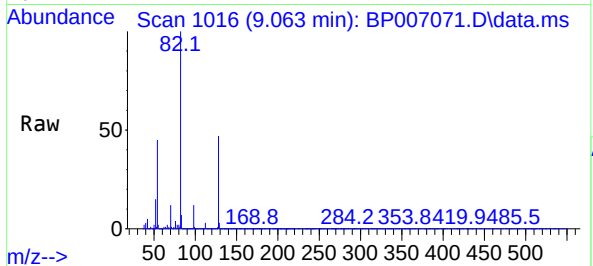
Tgt Ion: 136 Resp: 1611188
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.2 4.6 6.8#
68 5.9 3.6 5.4#





#23
Nitrobenzene-d5
Concen: 36.331 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04

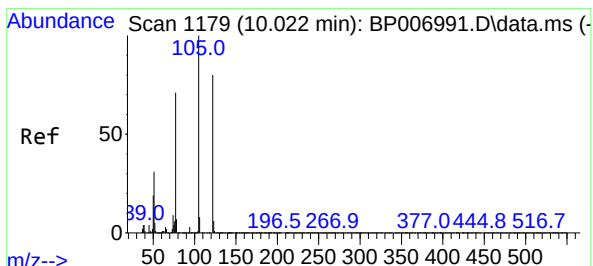
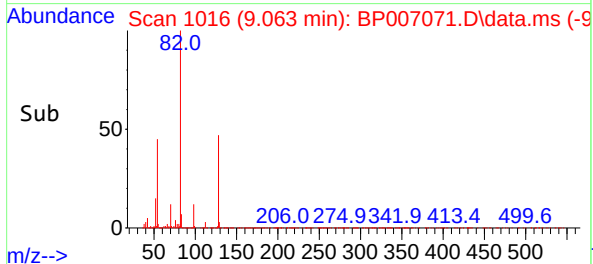
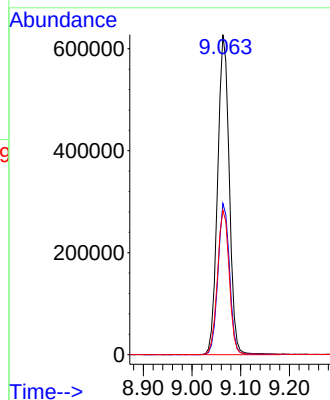
Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 1042231
Ion Ratio Lower Upper
82 100
128 47.2 35.7 53.5
54 45.1 35.0 52.4

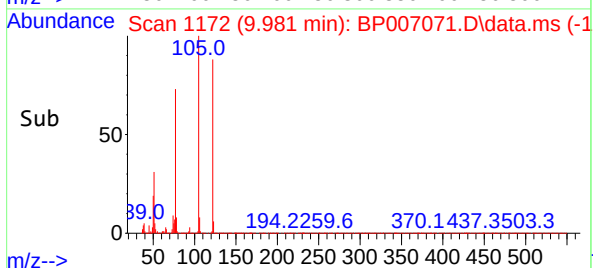
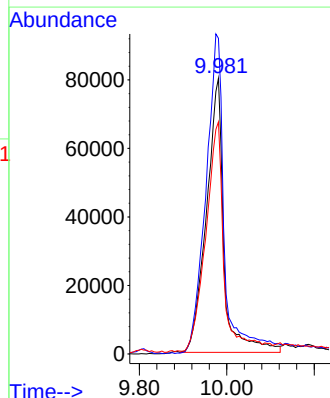
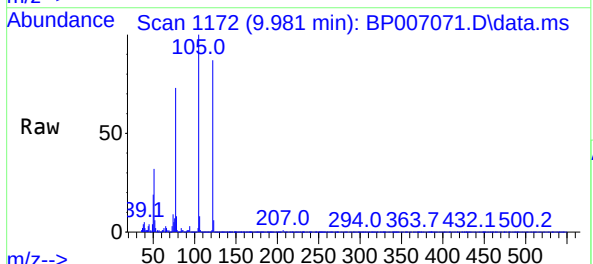
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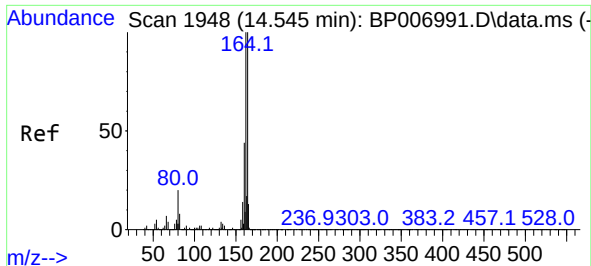
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#32
Benzoic acid
Concen: 17.601 ng
RT: 9.981 min Scan# 1172
Delta R.T. -0.029 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04

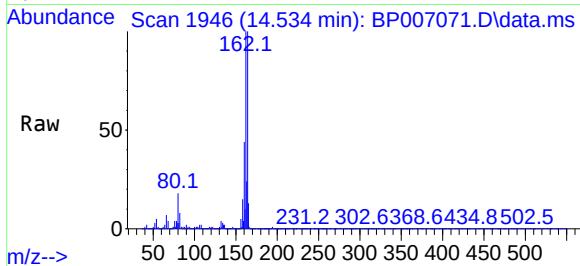
Tgt Ion: 122 Resp: 224025
Ion Ratio Lower Upper
122 100
105 114.5 103.2 143.2
77 84.2 76.2 116.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04

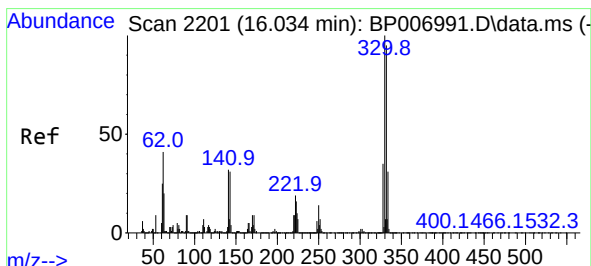
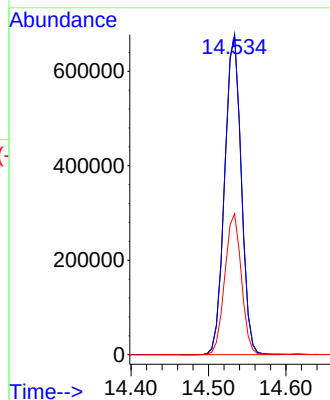
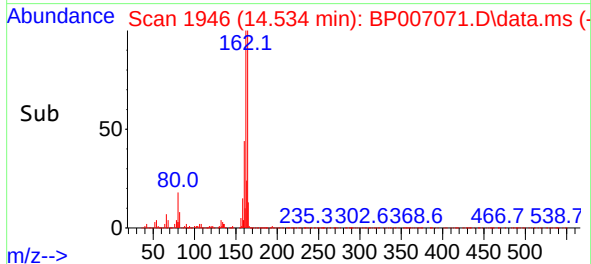
Instrument :
BNA_P
ClientSampleId :
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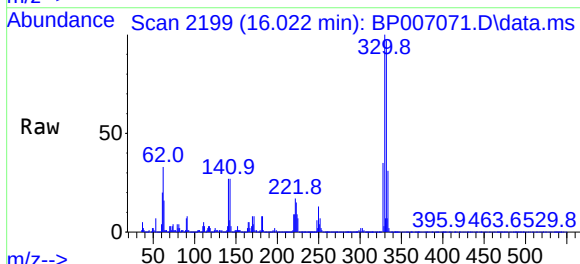
Tgt Ion:164 Resp: 1004453
Ion Ratio Lower Upper
164 100
162 99.9 80.2 120.2
160 44.0 34.5 51.7

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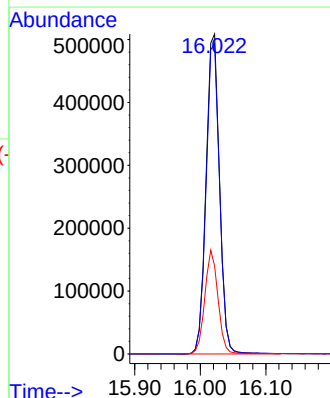
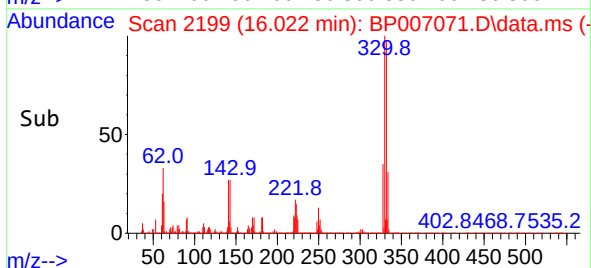
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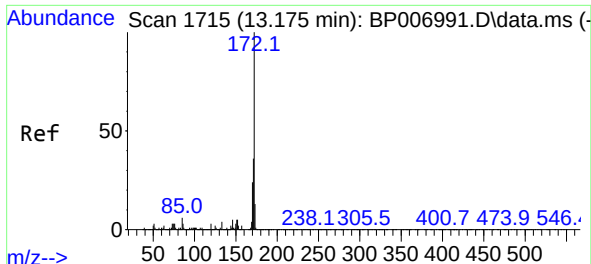


#42
2,4,6-Tribromophenol
Concen: 60.374 ng
RT: 16.022 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04



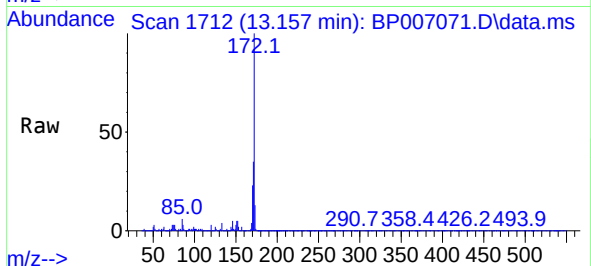
Tgt Ion:330 Resp: 729297
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.8
141 31.4 25.4 38.2





#45
2-Fluorobiphenyl
Concen: 36.195 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04

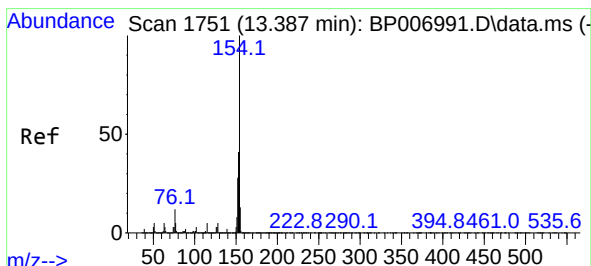
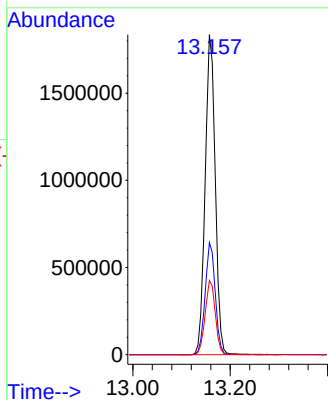
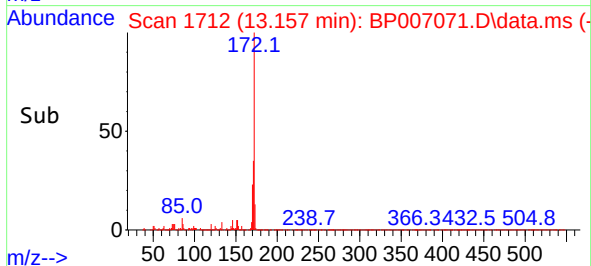
Instrument :
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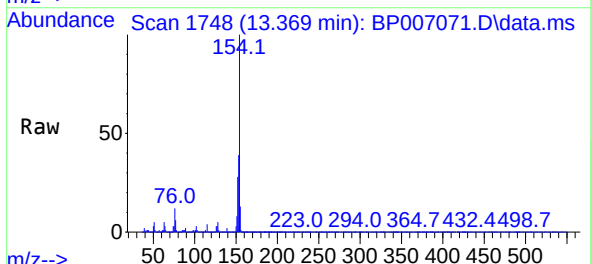
Tgt Ion:172 Resp: 2633559
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.2 18.6 27.8

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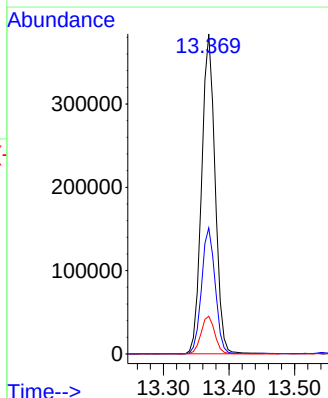
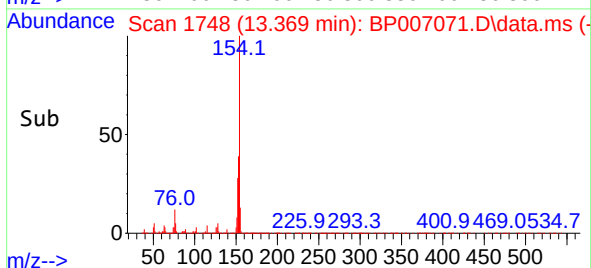
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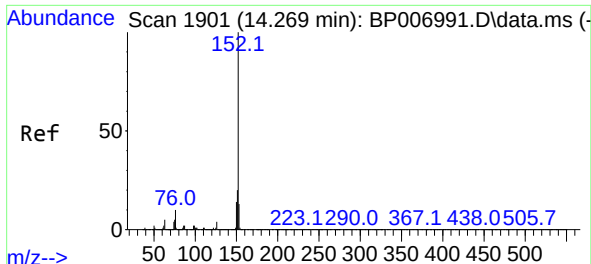


#46
1,1'-Biphenyl
Concen: 7.029 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04



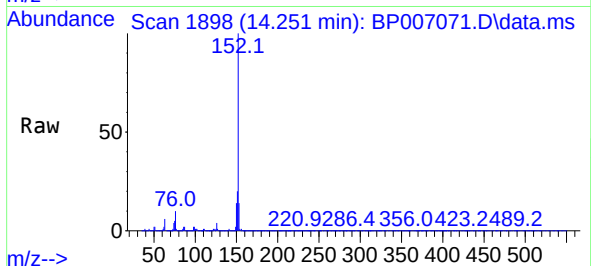
Tgt Ion:154 Resp: 550706
Ion Ratio Lower Upper
154 100
153 39.4 20.4 60.4
76 11.8 0.0 30.8





#49
Acenaphthylene
Concen: 5.349 ng
RT: 14.251 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04

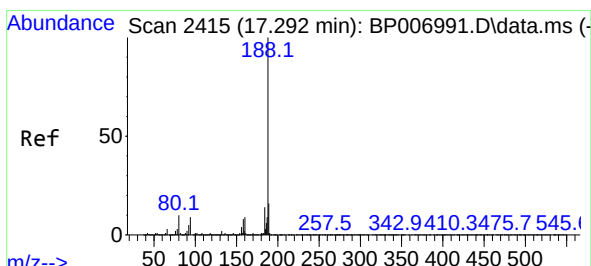
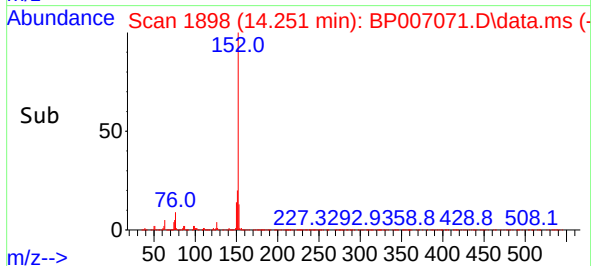
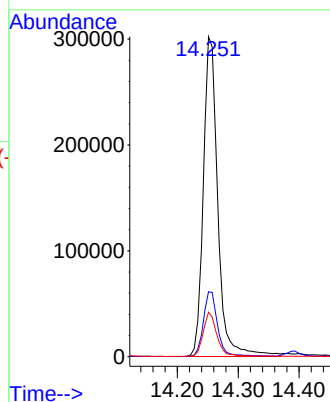
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:152 Resp: 500383
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.9 10.6 16.0

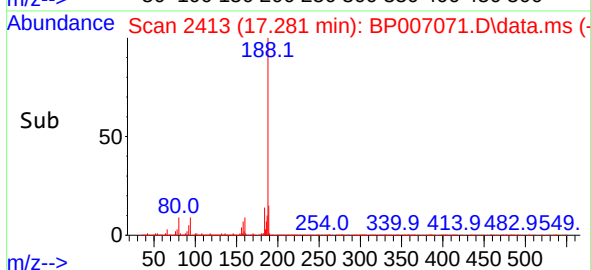
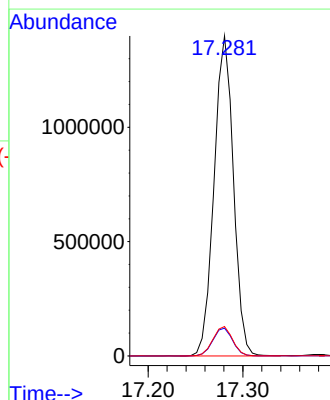
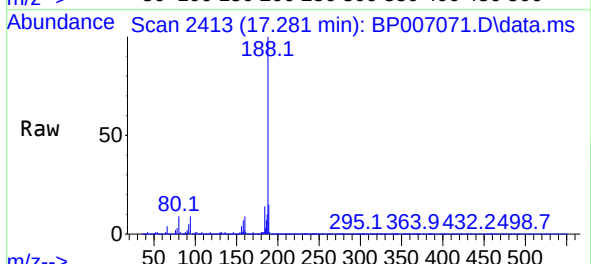
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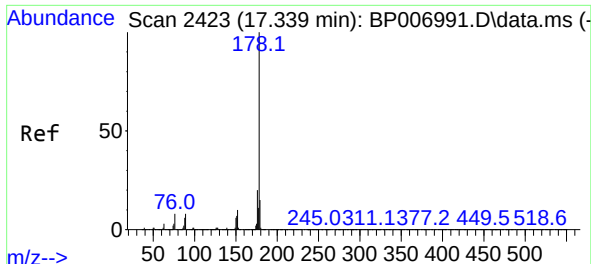
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.281 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04

Tgt Ion:188 Resp: 1984264
Ion Ratio Lower Upper
188 100
94 8.7 5.6 8.4#
80 9.2 6.3 9.5





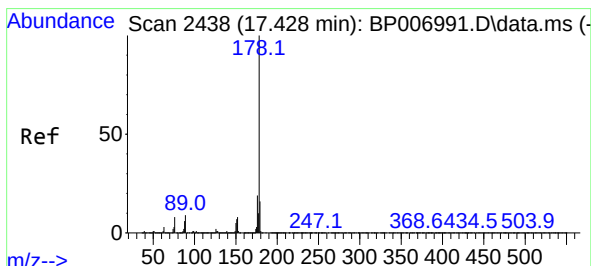
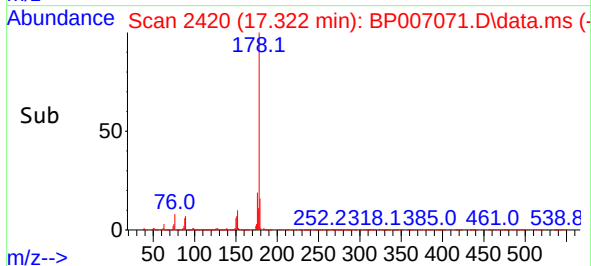
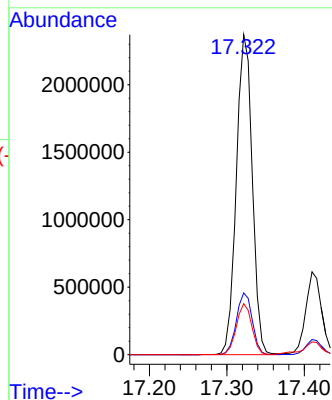
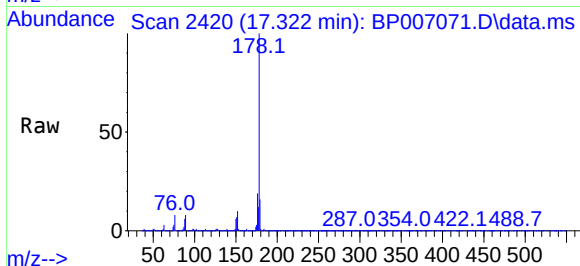
#71
Phenanthrene
Concen: 29.418 ng
RT: 17.322 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04

Tgt Ion:178 Resp: 3386357
Ion Ratio Lower Upper
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176 19.3 15.1 22.7
179 16.0 12.4 18.6

Instrument :
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ClientSampleId :
A010015DL

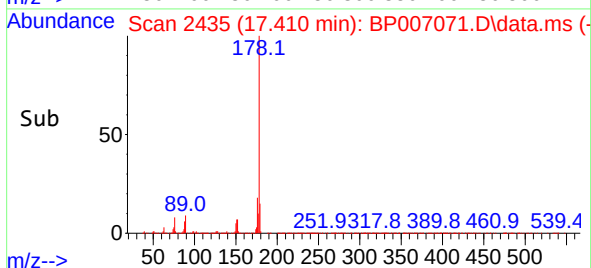
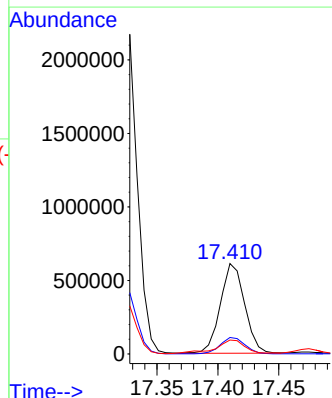
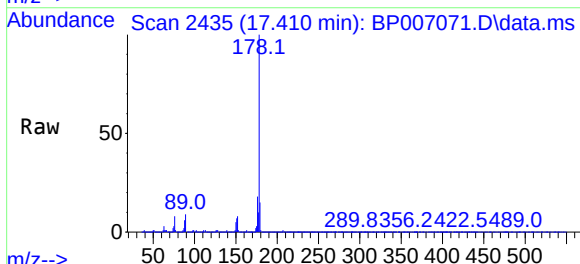
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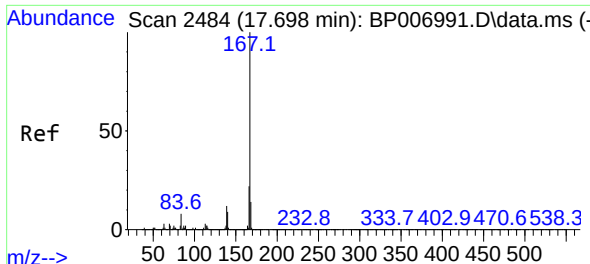
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#72
Anthracene
Concen: 7.688 ng
RT: 17.410 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04

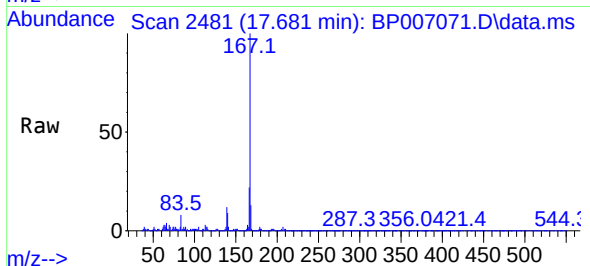
Tgt Ion:178 Resp: 846772
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 15.4 12.2 18.2





#73
 Carbazole
 Concen: 2.495 ng
 RT: 17.681 min Scan# 2481
 Delta R.T. -0.006 min
 Lab File: BP007071.D
 Acq: 21 Sep 2021 03:04

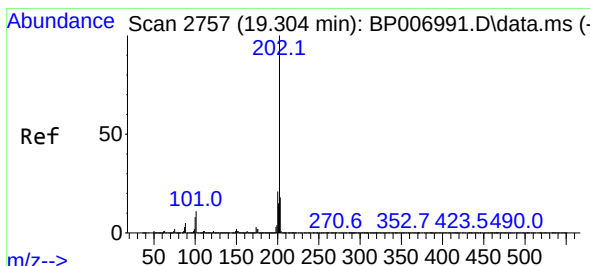
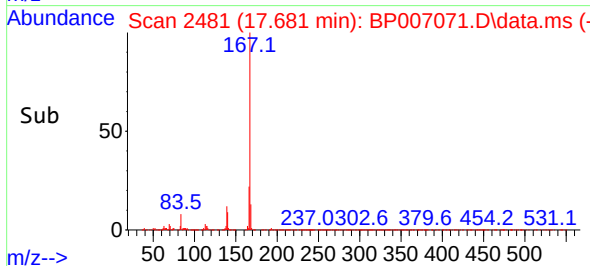
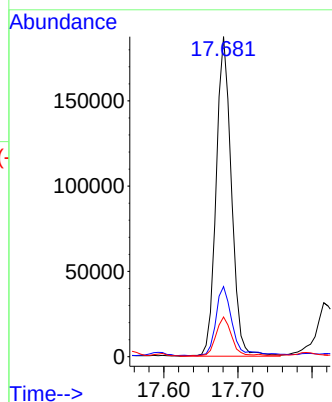
Instrument :
 BNA_P
 ClientSampleID :
 A010015DL



Tgt Ion:167 Resp: 268076
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.1 25.7
 139 12.4 10.7 16.1

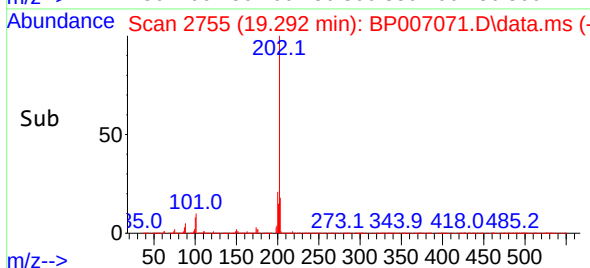
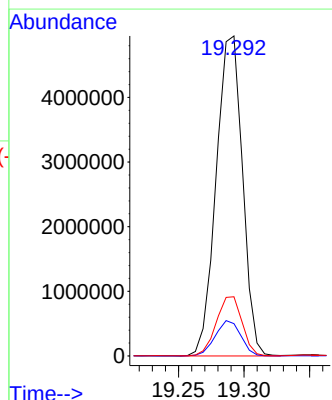
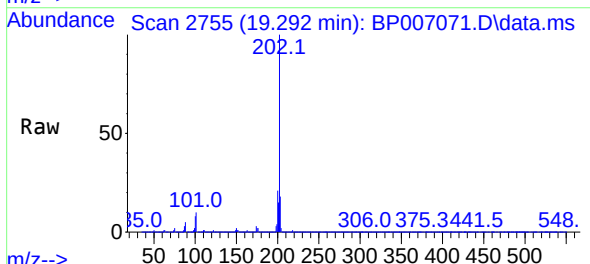
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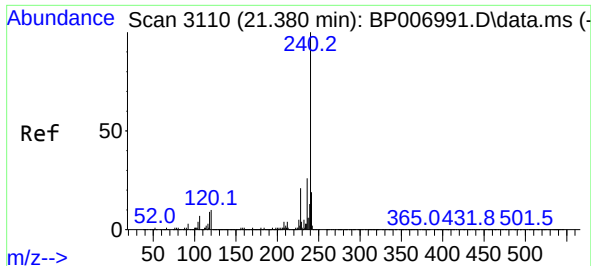
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#75
 Fluoranthene
 Concen: 52.105 ng
 RT: 19.292 min Scan# 2755
 Delta R.T. 0.000 min
 Lab File: BP007071.D
 Acq: 21 Sep 2021 03:04

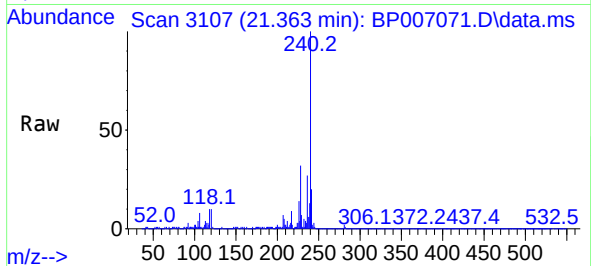
Tgt Ion:202 Resp: 6908475
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 27.6
 203 18.5 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.363 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04

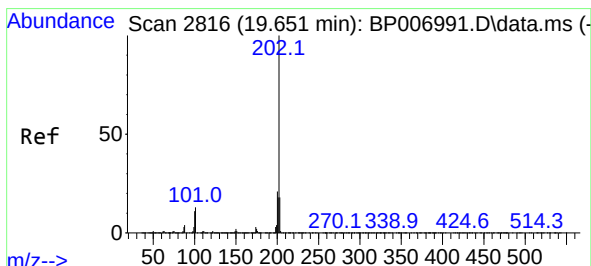
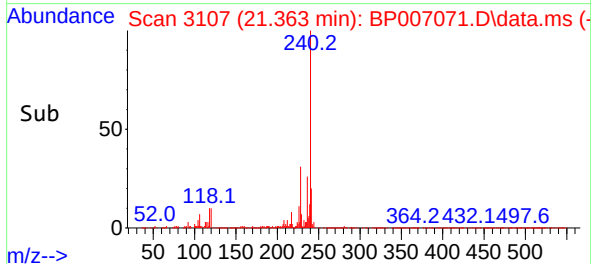
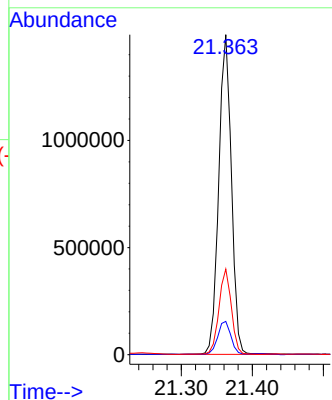
Instrument :
BNA_P
ClientSampleId :
A010015DL



Tgt Ion:240 Resp: 1832739
Ion Ratio Lower Upper
240 100
120 10.4 6.5 9.7#
236 26.7 20.6 31.0

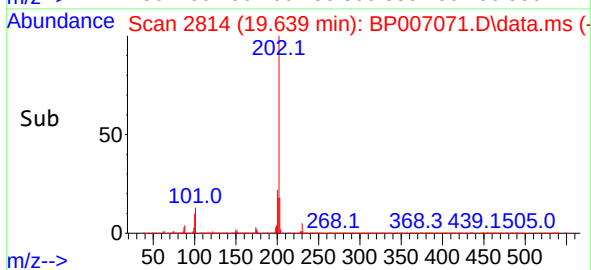
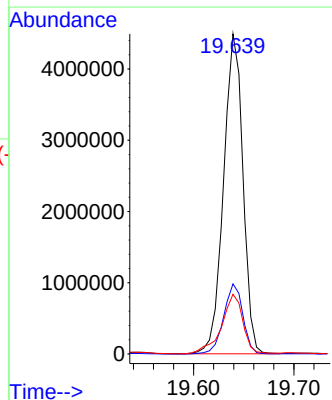
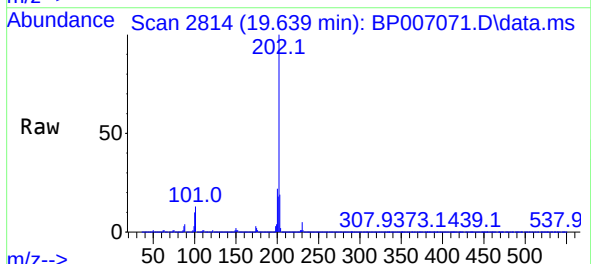
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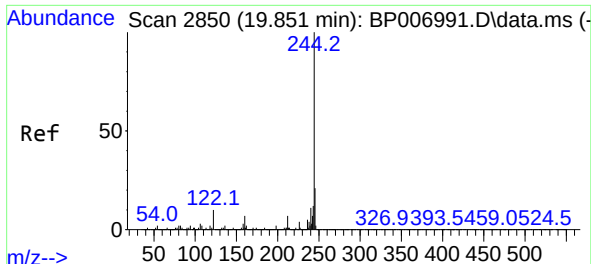
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#78
Pyrene
Concen: 47.409 ng
RT: 19.639 min Scan# 2814
Delta R.T. -0.006 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04

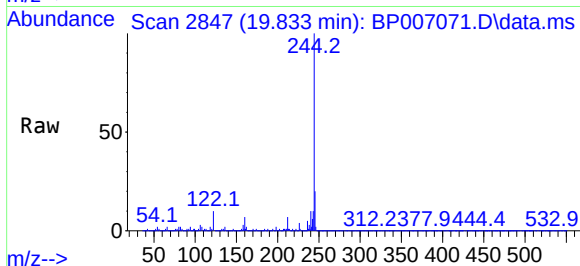
Tgt Ion:202 Resp: 6021019
Ion Ratio Lower Upper
202 100
200 21.9 16.3 24.5
203 18.7 14.2 21.2





#79
Terphenyl-d14
Concen: 36.395 ng
RT: 19.833 min Scan# 2847
Delta R.T. -0.006 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04

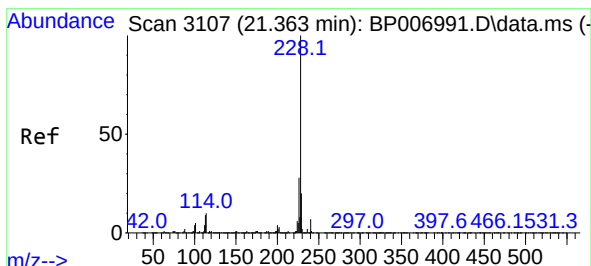
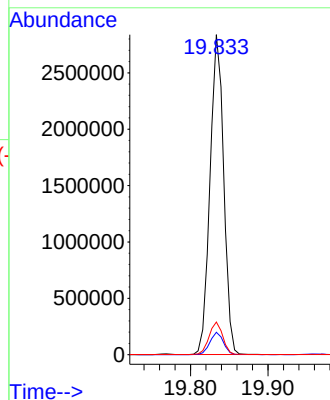
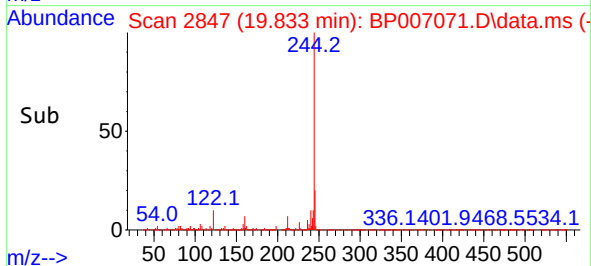
Instrument :
BNA_P
ClientSampleId :
A010015DL



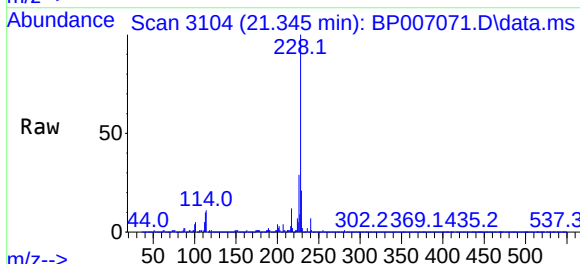
Tgt Ion:244 Resp: 3476572
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 10.2 7.1 10.7

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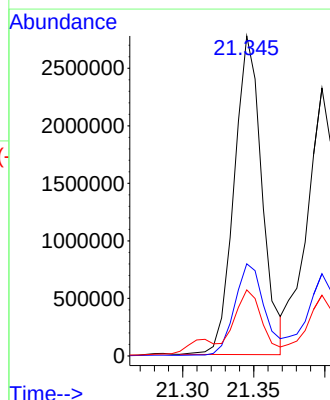
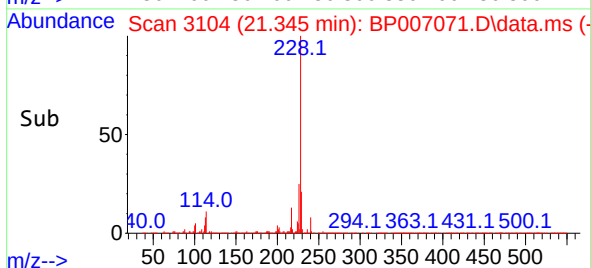
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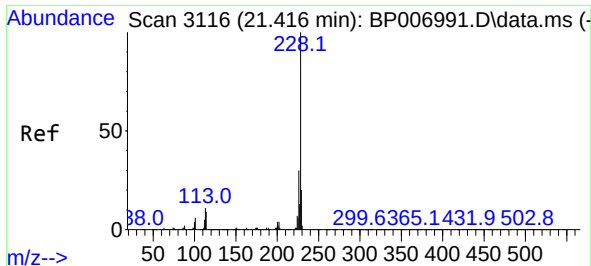


#81
Benzo(a)anthracene
Concen: 30.332 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04

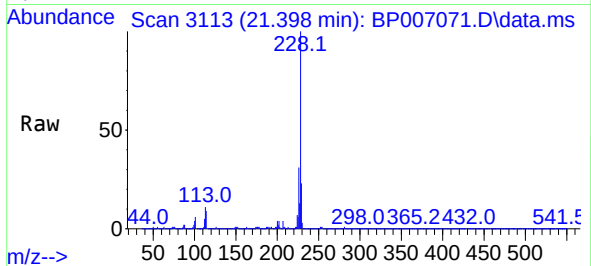


Tgt Ion:228 Resp: 3777471
Ion Ratio Lower Upper
228 100
226 28.8 21.6 32.4
229 20.7 15.8 23.6

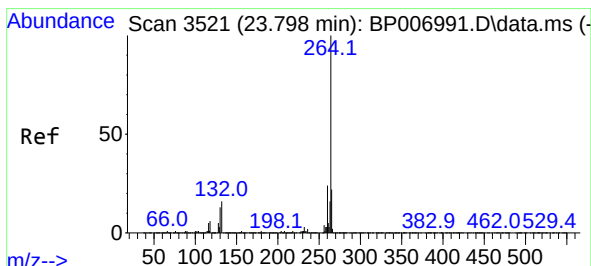
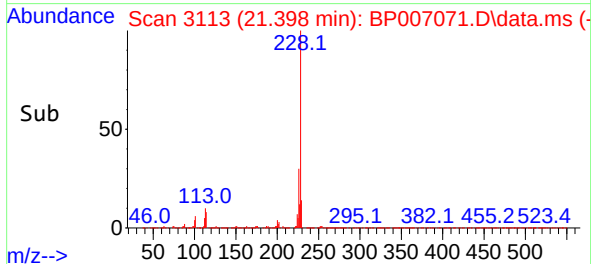
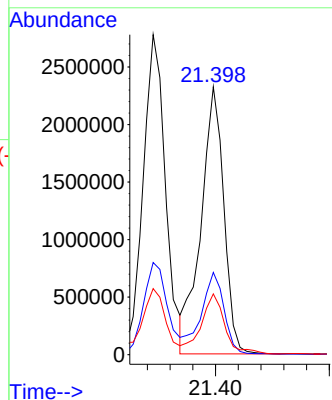




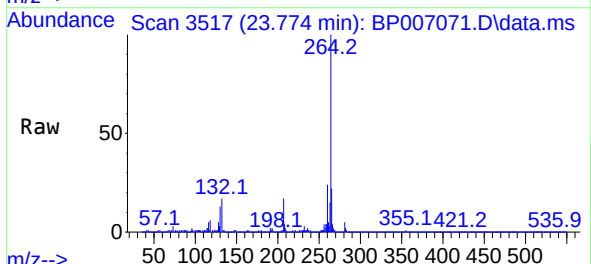
#83
Chrysene
Concen: 26.567 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04



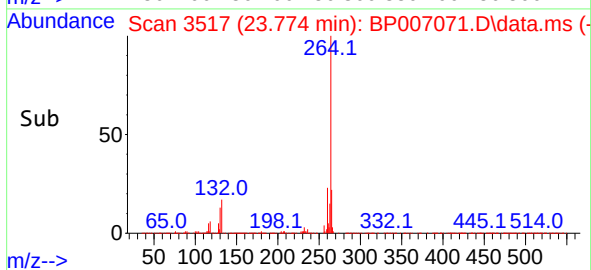
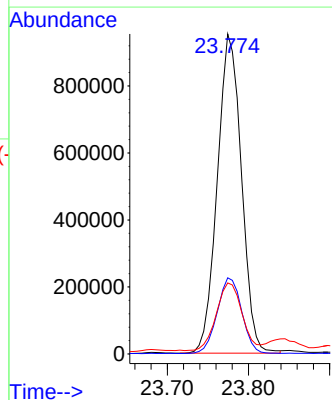
Tgt Ion:228 Resp: 3246571
Ion Ratio Lower Upper
228 100
226 30.7 23.8 35.6
229 22.7 15.4 23.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3517
Delta R.T. -0.006 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04



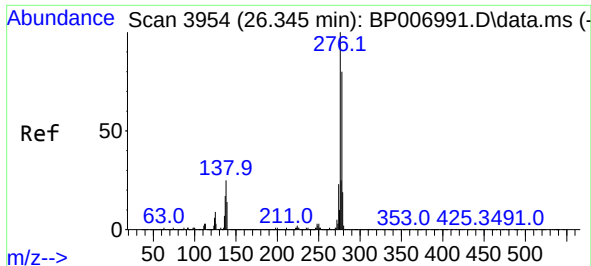
Tgt Ion:264 Resp: 1970309
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 22.2 17.6 26.4



Instrument :
BNA_P
ClientSampleId :
A010015DL

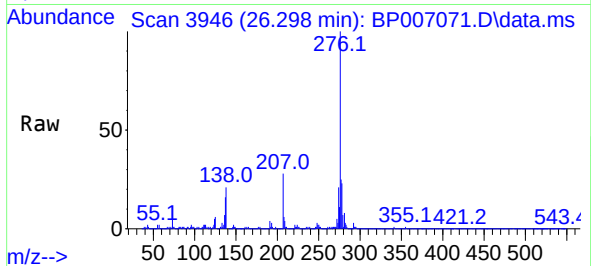
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#87
Indeno(1,2,3-cd)pyrene
Concen: 12.162 ng
RT: 26.298 min Scan# 3946
Delta R.T. -0.012 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04

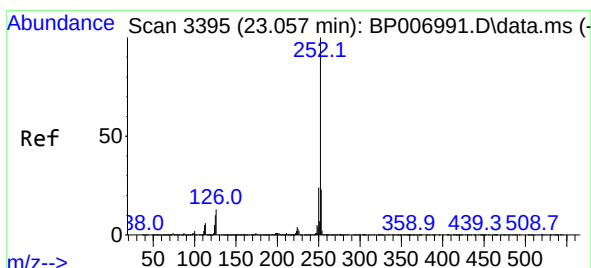
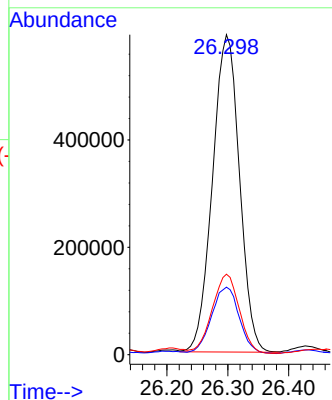
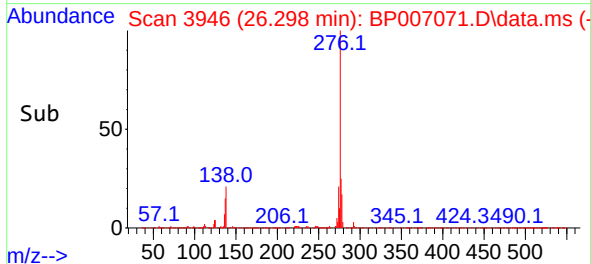
Instrument :
BNA_P
ClientSampleId :
A010015DL



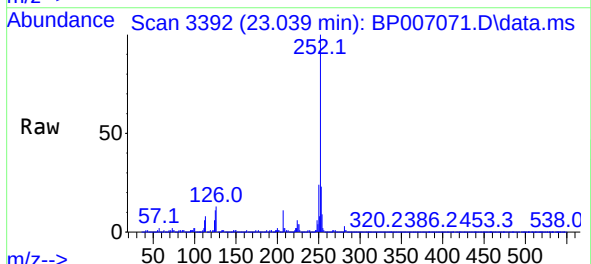
Tgt Ion: 276 Resp: 1818544
Ion Ratio Lower Upper
276 100
138 21.6 15.3 22.9
277 25.1 20.4 30.6

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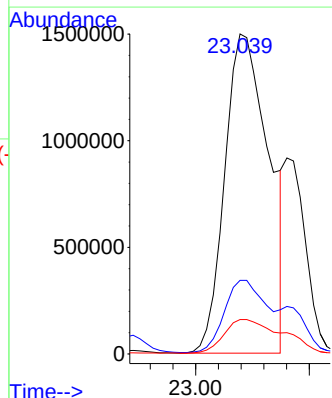
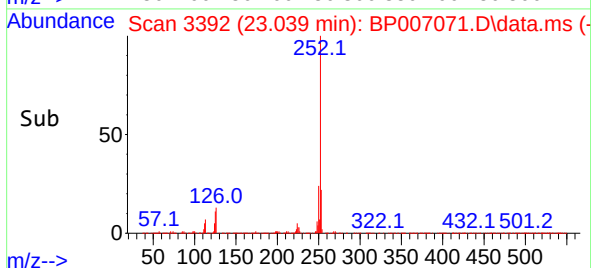
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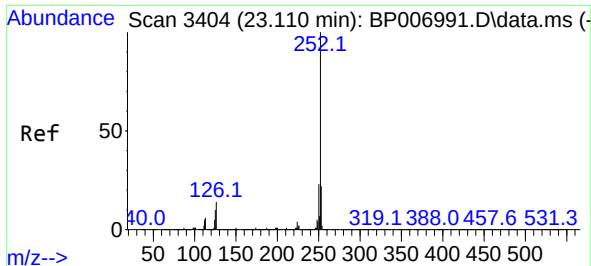


#88
Benzo(b)fluoranthene
Concen: 30.077 ng
RT: 23.039 min Scan# 3392
Delta R.T. -0.006 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04



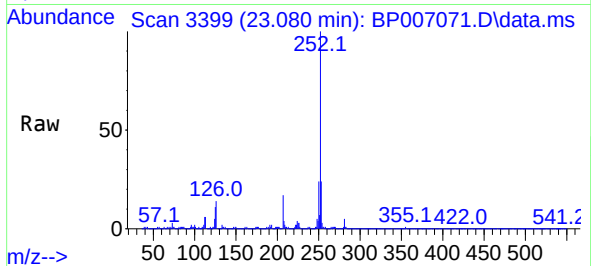
Tgt Ion: 252 Resp: 4025109
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 10.8 6.2 9.4#





#89
Benzo(k)fluoranthene
Concen: 9.143 ng m
RT: 23.080 min Scan# 3399
Delta R.T. -0.012 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04

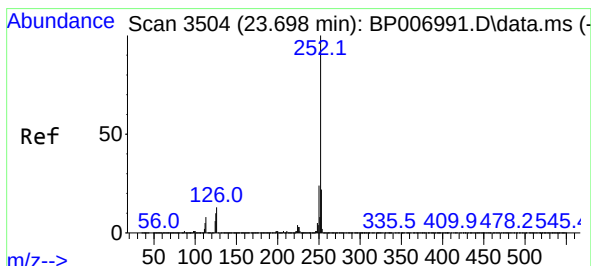
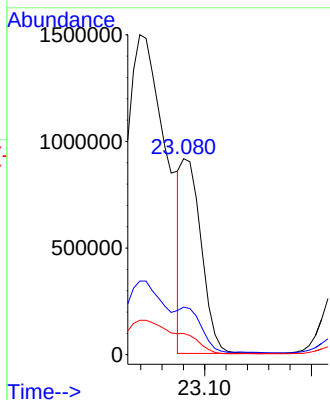
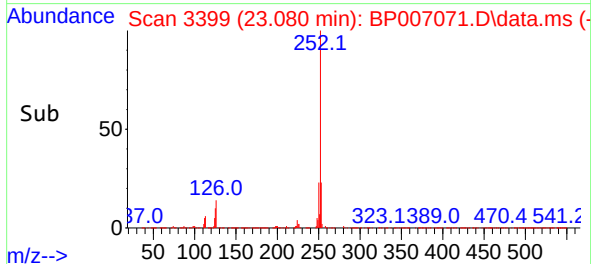
Instrument :
BNA_P
ClientSampleId :
A010015DL



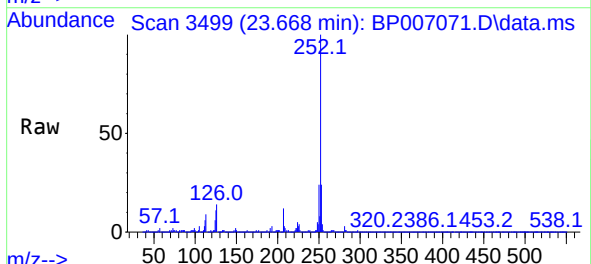
Tgt Ion:252 Resp: 1190955
Ion Ratio Lower Upper
252 100
253 24.2 17.6 26.4
125 10.9 6.0 9.0#

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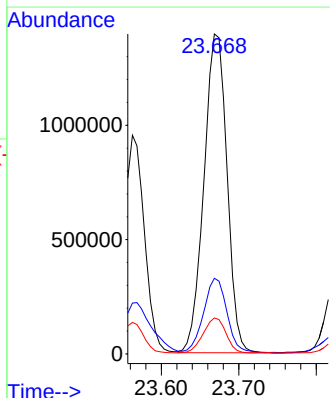
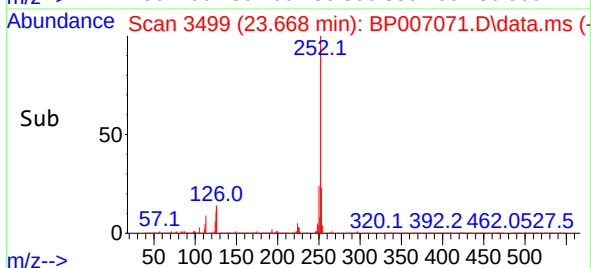
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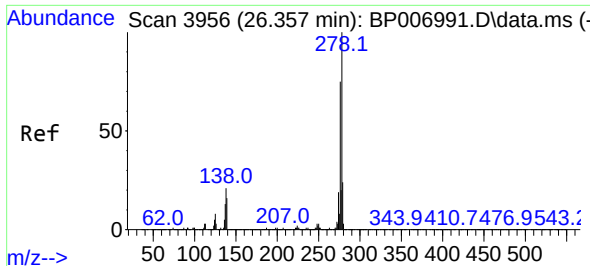


#90
Benzo(a)pyrene
Concen: 24.077 ng
RT: 23.668 min Scan# 3499
Delta R.T. -0.006 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04

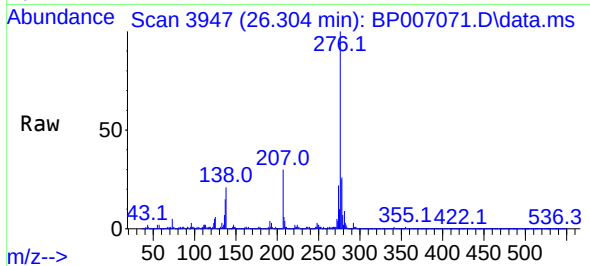


Tgt Ion:252 Resp: 2889549
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 11.3 6.5 9.7#

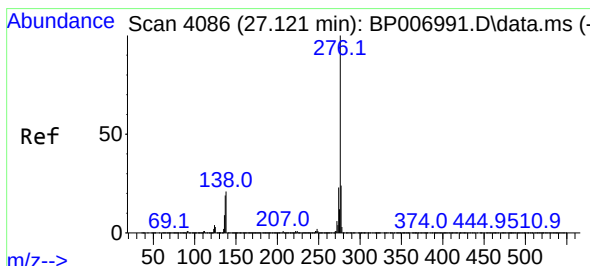
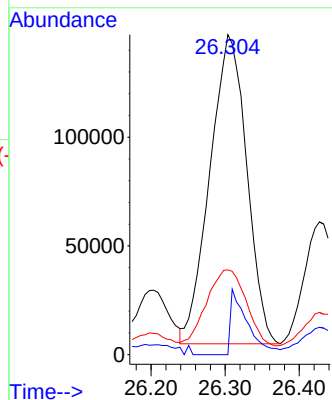
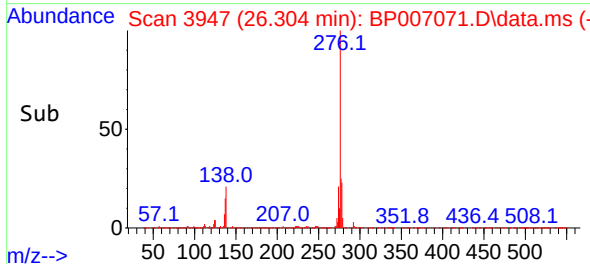




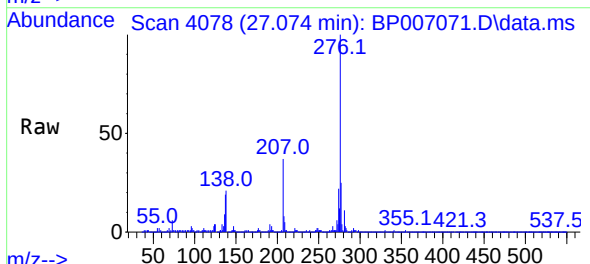
#91
Dibenzo(a,h)anthracene
Concen: 3.795 ng
RT: 26.304 min Scan# 3947
Delta R.T. -0.029 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04



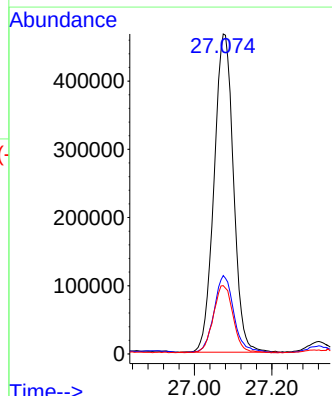
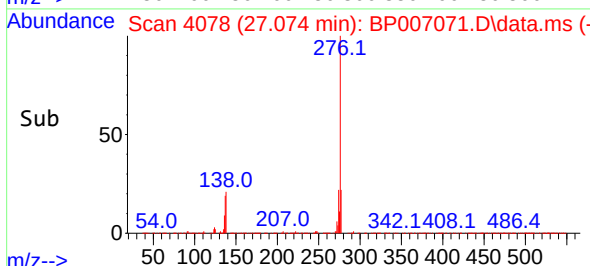
Tgt Ion: 278 Resp: 490849
Ion Ratio Lower Upper
278 100
139 0.0 9.3 13.9#
279 26.5 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 12.969 ng
RT: 27.074 min Scan# 4078
Delta R.T. -0.012 min
Lab File: BP007071.D
Acq: 21 Sep 2021 03:04



Tgt Ion: 276 Resp: 1618491
Ion Ratio Lower Upper
276 100
277 24.5 18.9 28.3
138 21.3 12.6 18.8#



Instrument :
BNA_P
ClientSampleId :
A010015DL

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