

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
 Data File : BP007337.D
 Acq On : 05 Oct 2021 21:47
 Operator : CG/JU
 Sample : M4066-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NYPD-69TH-SOIL

Manual Integrations
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mohammad
 10/8/2021 8:32:57 AM

Quant Time: Oct 06 05:26:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 12:49:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	136847	20.00	ng	0.00
21) Naphthalene-d8	10.657	136	524496	20.00	ng	# 0.00
39) Acenaphthene-d10	14.492	164	320633	20.00	ng	0.00
64) Phenanthrene-d10	17.245	188	705306	20.00	ng	# 0.00
76) Chrysene-d12	21.333	240	813262	20.00	ng	# 0.00
86) Perylene-d12	23.733	264	860542	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1183650	144.79	ng	-0.01
7) Phenol-d6	7.040	99	1429535	127.94	ng	-0.01
23) Nitrobenzene-d5	9.022	82	852450	94.65	ng	0.00
42) 2,4,6-Tribromophenol	15.987	330	602414	144.92	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	2049156	91.56	ng	-0.01
79) Terphenyl-d14	19.804	244	3531242	83.21	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.005	77	16944	2.69	ng	# 58
38) 1-Methylnaphthalene	12.540	142	44244	2.42	ng	99
50) Dimethylphthalate	13.957	163	70028	3.04	ng	99
52) Acenaphthene	14.557	154	61837	3.59	ng	99
58) Fluorene	15.545	166	93618	4.21	ng	98
71) Phenanthrene	17.286	178	1914497	50.62	ng	99
72) Anthracene	17.381	178	503327	13.61	ng	99
73) Carbazole	17.657	167	106272	2.93	ng	100
75) Fluoranthene	19.257	202	2170730	49.82	ng	97
78) Pyrene	19.610	202	2142290	40.15	ng	98
81) Benzo(a)anthracene	21.316	228	1203695	22.80	ng	98
83) Chrysene	21.369	228	1041130	20.64	ng	97
87) Indeno(1,2,3-cd)pyrene	26.239	276	472305	7.64	ng	98
88) Benzo(b)fluoranthene	23.004	252	1084003	21.08	ng	# 96
89) Benzo(k)fluoranthene	23.045	252	349090m	6.70	ng	
90) Benzo(a)pyrene	23.627	252	832358	19.05	ng	# 98
91) Dibenzo(a,h)anthracene	26.251	278	144243	2.78	ng	# 86
92) Benzo(g,h,i)perylene	27.009	276	437723	8.65	ng	# 95

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

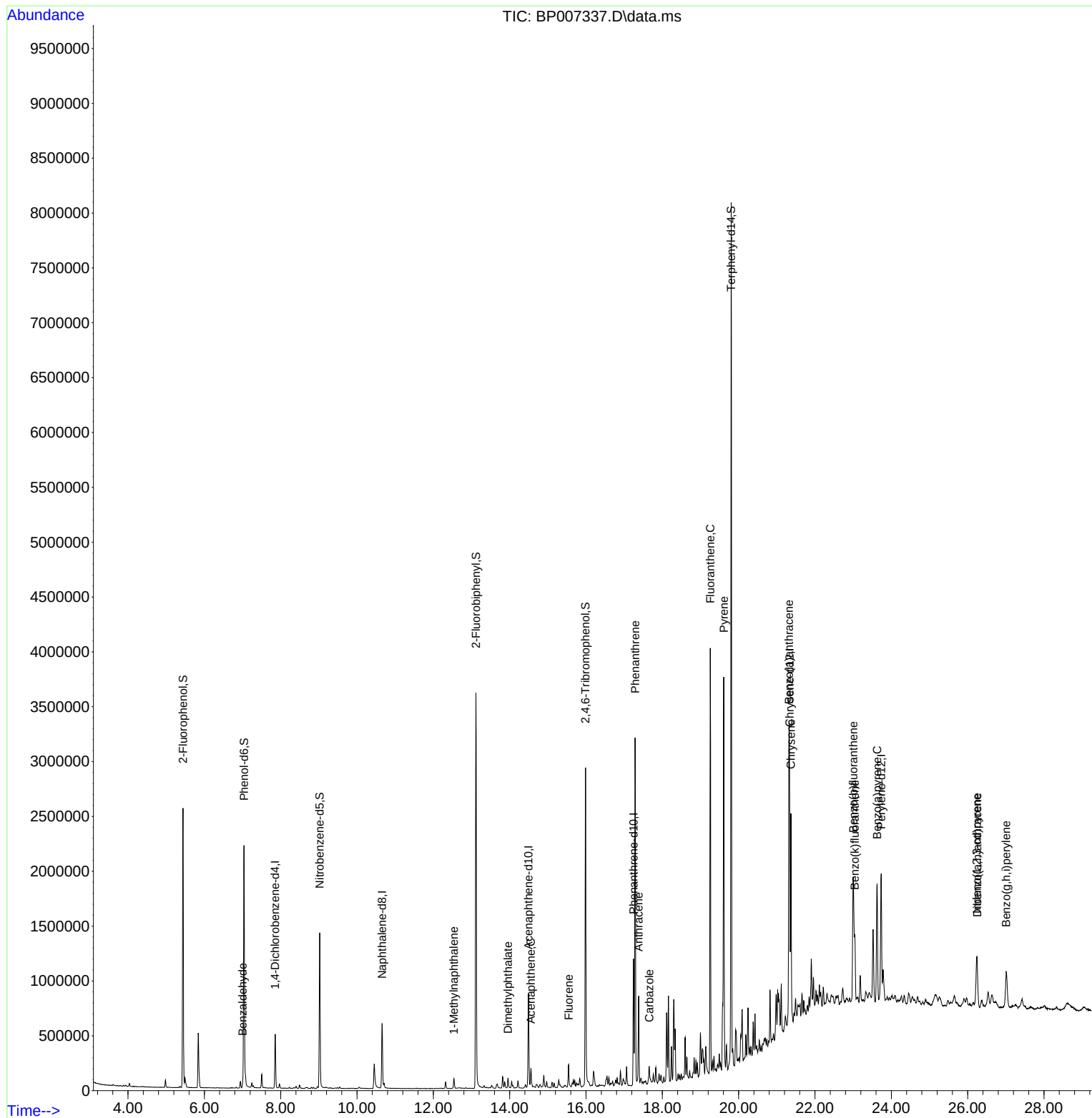
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007337.D
Acq On : 05 Oct 2021 21:47
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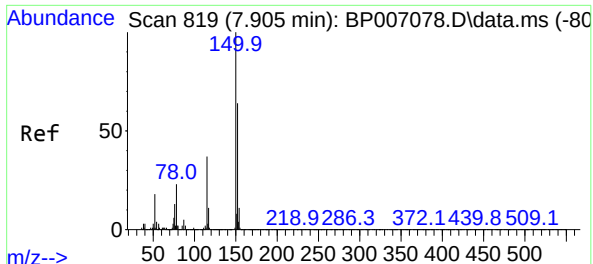
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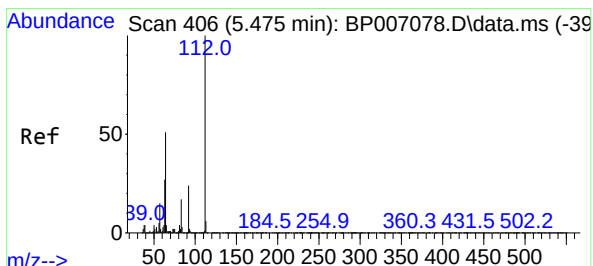
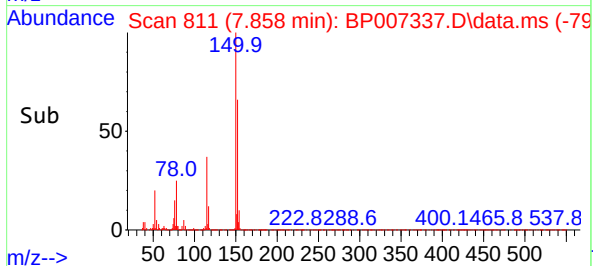
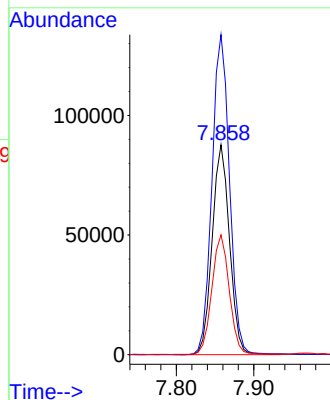
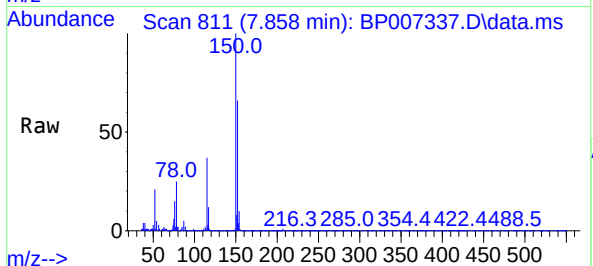
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.858 min Scan# 811
Delta R.T. -0.005 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47

Tgt Ion:152 Resp: 136847
Ion Ratio Lower Upper
152 100
150 152.4 125.6 188.4
115 57.0 48.5 72.7

Instrument :
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ClientSampleId :
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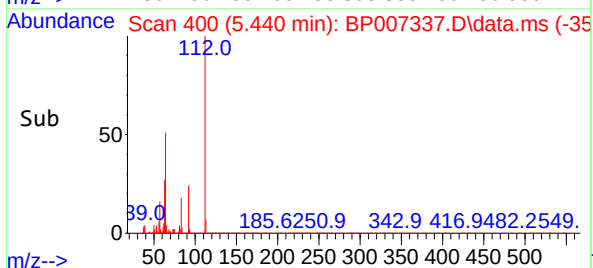
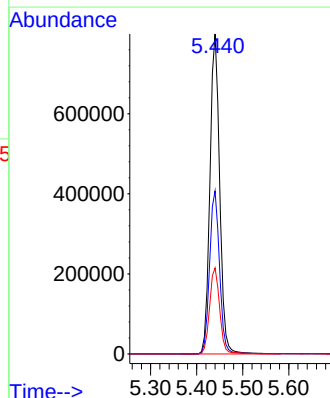
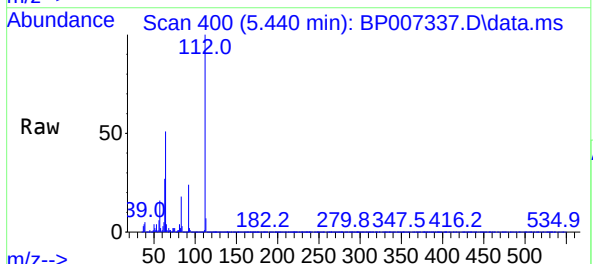
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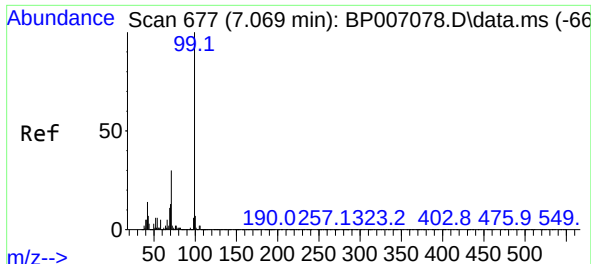
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#5
2-Fluorophenol
Concen: 144.79 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.011 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47

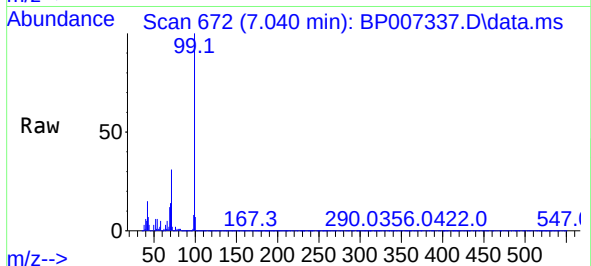
Tgt Ion:112 Resp: 1183650
Ion Ratio Lower Upper
112 100
64 51.0 41.4 62.2
63 26.9 23.8 35.8





#7
Phenol-d6
Concen: 127.94 ng
RT: 7.040 min Scan# 672
Delta R.T. -0.011 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47

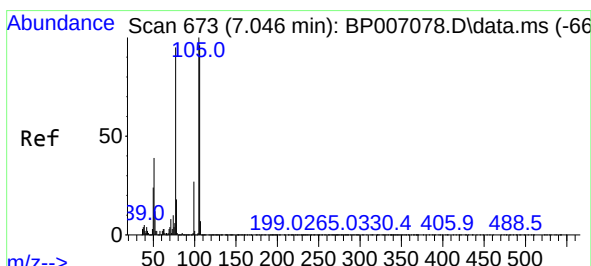
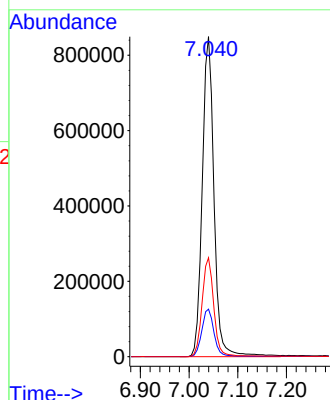
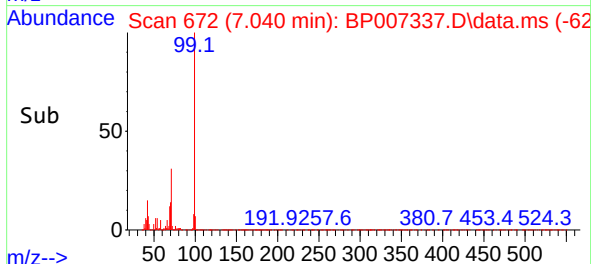
Instrument :
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ClientSampleId :
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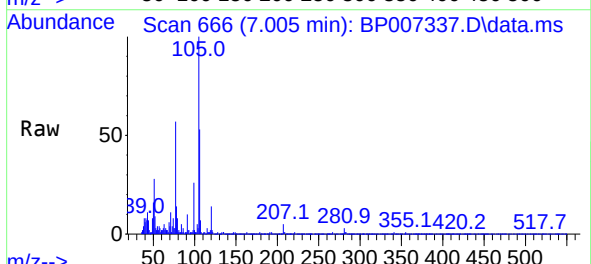
Tgt Ion: 99 Resp: 1429535
Ion Ratio Lower Upper
99 100
42 14.9 13.4 20.0
71 30.9 30.6 46.0

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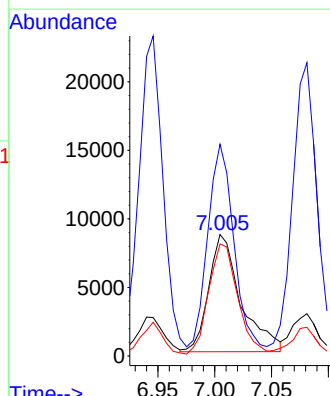
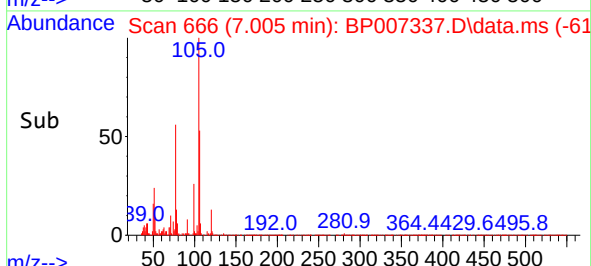
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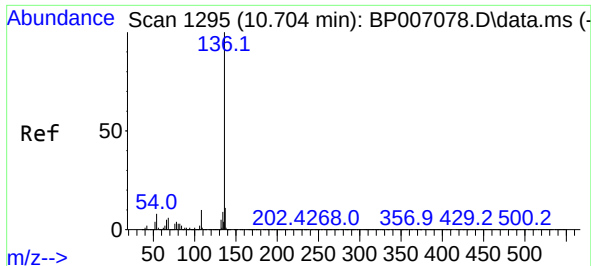


#9
Benzaldehyde
Concen: 2.69 ng
RT: 7.005 min Scan# 666
Delta R.T. -0.006 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47



Tgt Ion: 77 Resp: 16944
Ion Ratio Lower Upper
77 100
105 174.3 76.7 116.7#
106 92.2 76.2 116.2





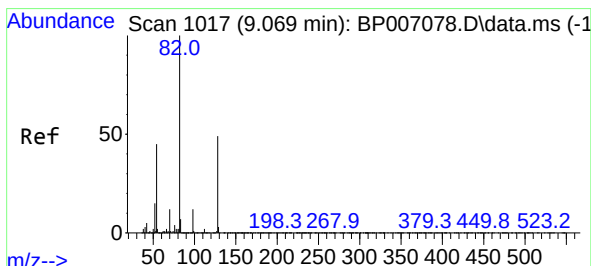
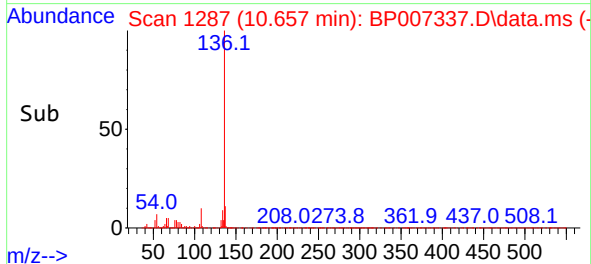
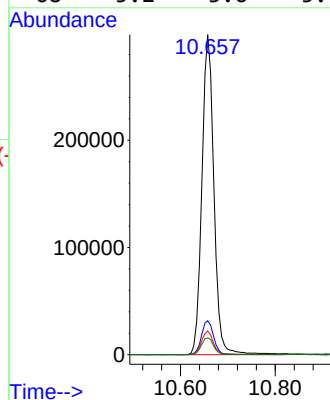
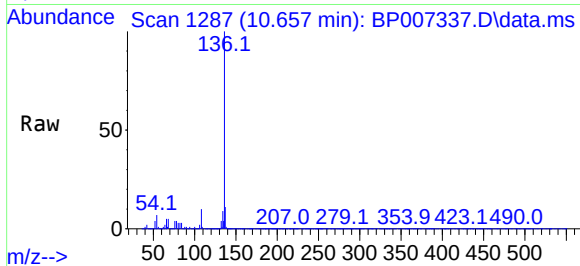
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47

Tgt Ion:	136	Resp:	524496
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	7.4	4.6	6.8#
68	5.2	3.6	5.4

Instrument :
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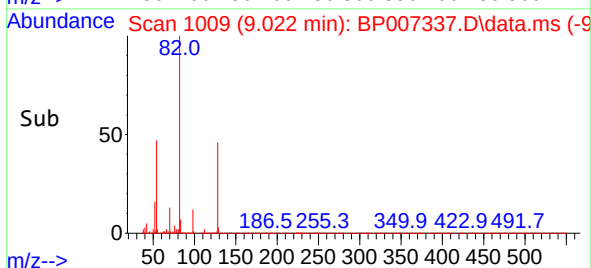
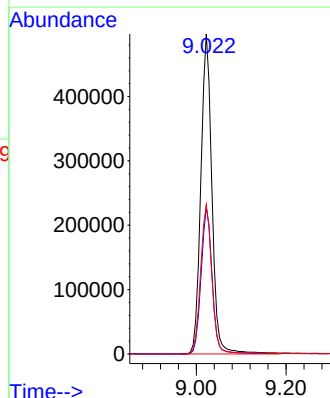
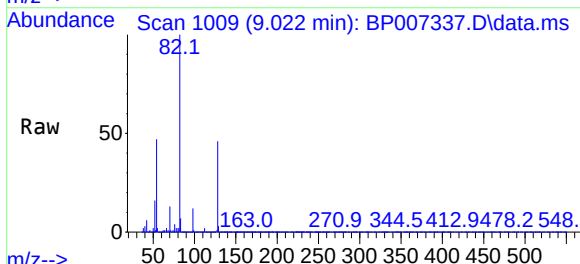
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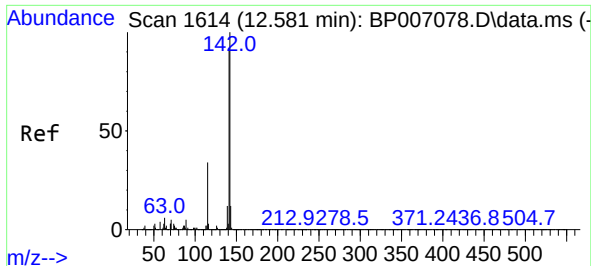
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#23
Nitrobenzene-d5
Concen: 94.65 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47

Tgt Ion:	82	Resp:	852450
Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.7	53.5
54	46.7	35.0	52.4





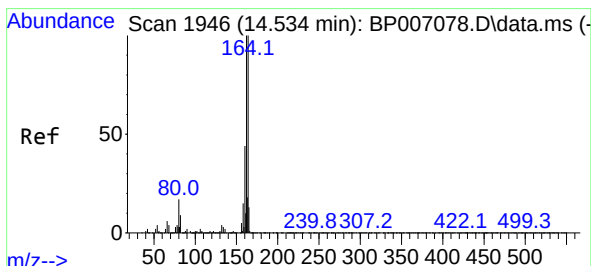
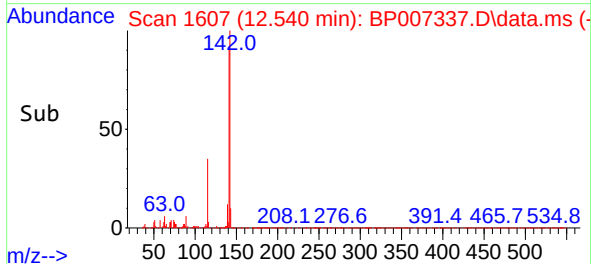
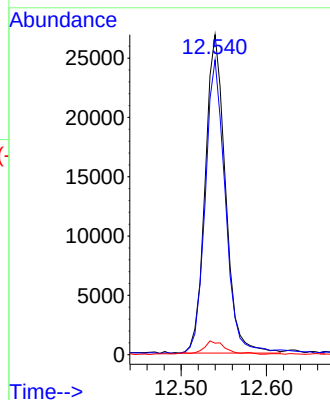
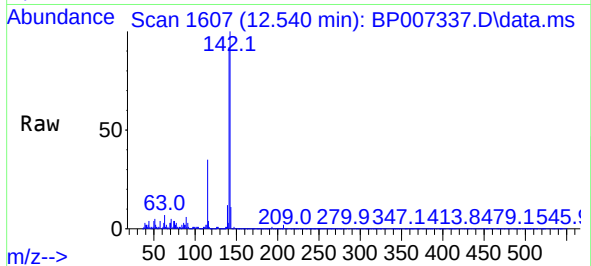
#38
1-Methylnaphthalene
Concen: 2.42 ng
RT: 12.540 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47

Tgt Ion:	142	Resp:	44244
Ion Ratio	Lower	Upper	
142	100		
141	92.1	73.3	109.9
116	3.6	3.5	5.3

Instrument :
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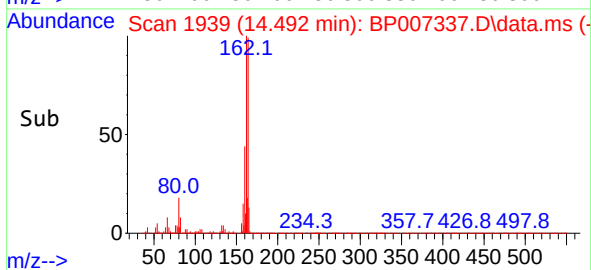
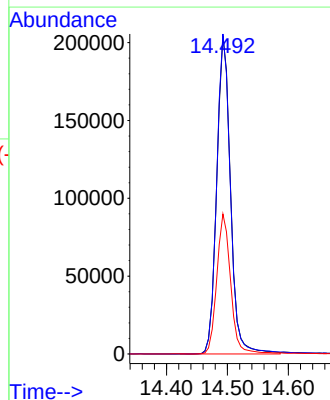
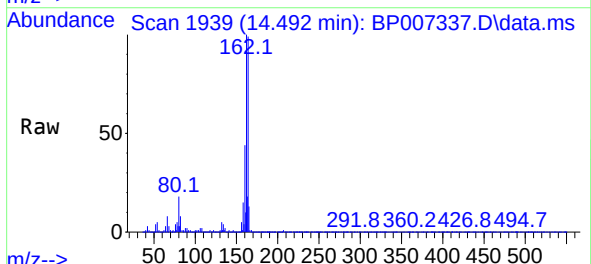
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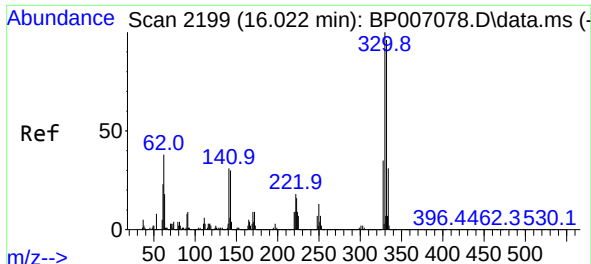
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47

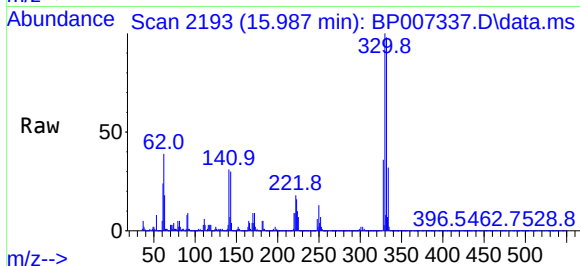
Tgt Ion:	164	Resp:	320633
Ion Ratio	Lower	Upper	
164	100		
162	100.6	80.2	120.2
160	44.0	34.5	51.7





#42
2,4,6-Tribromophenol
Concen: 144.92 ng
RT: 15.987 min Scan# 2193
Delta R.T. -0.011 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47

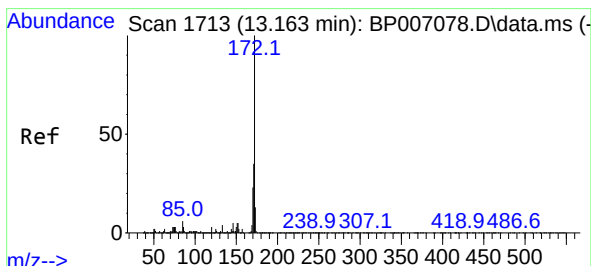
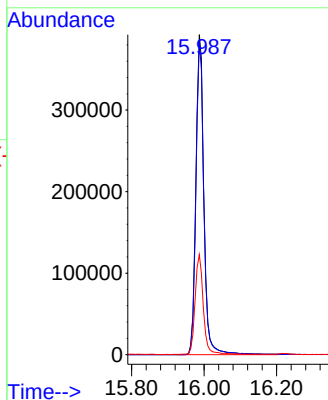
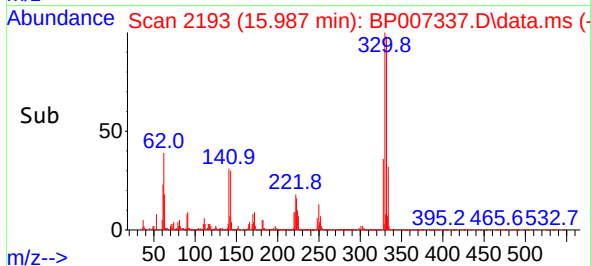
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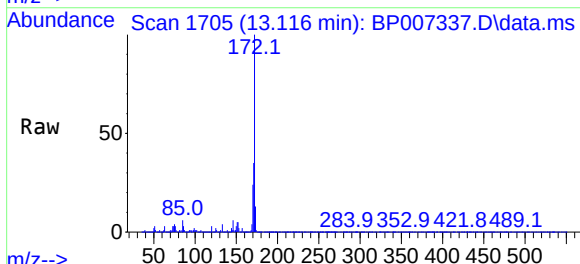
Tgt Ion:330 Resp: 602414
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 32.2 25.4 38.2

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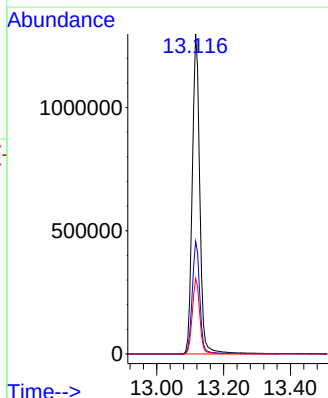
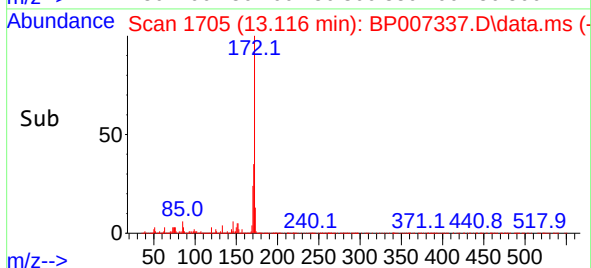
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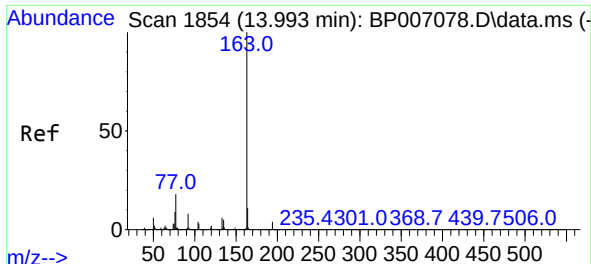


#45
2-Fluorobiphenyl
Concen: 91.56 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47



Tgt Ion:172 Resp: 2049156
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.5 18.6 27.8



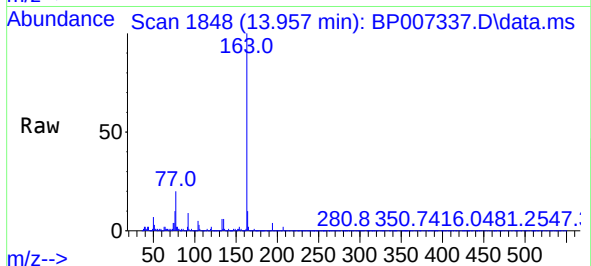


#50
Dimethylphthalate
Concen: 3.04 ng
RT: 13.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47

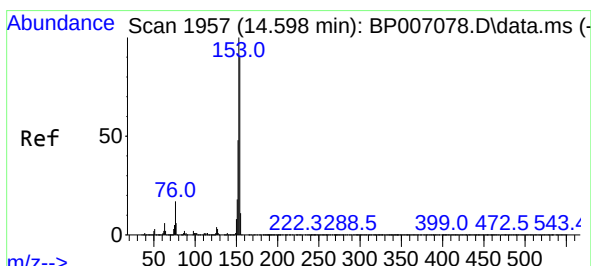
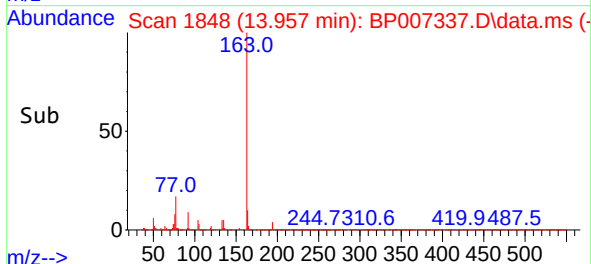
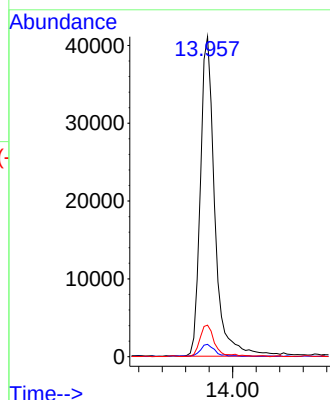
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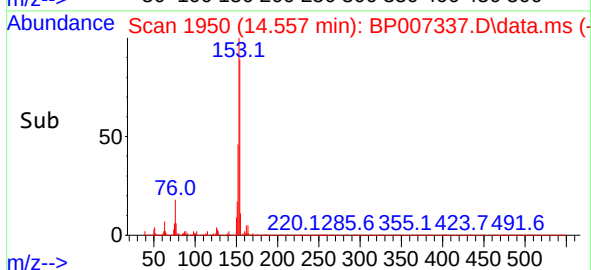
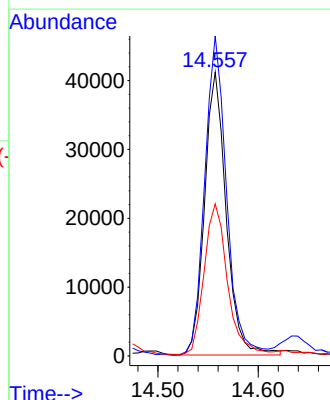
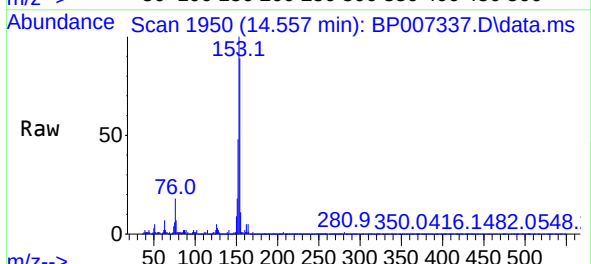


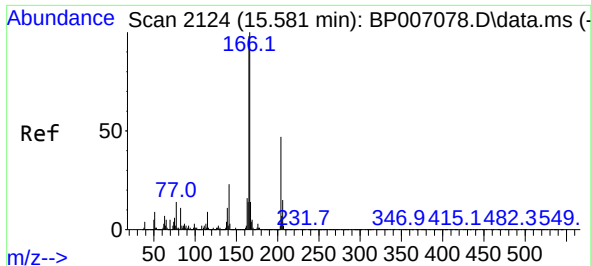
Tgt Ion:163 Resp: 70028
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 9.8 8.2 12.2



#52
Acenaphthene
Concen: 3.59 ng
RT: 14.557 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47

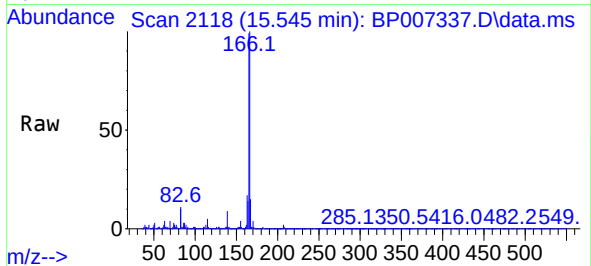
Tgt Ion:154 Resp: 61837
Ion Ratio Lower Upper
154 100
153 112.7 89.4 134.2
152 53.6 43.0 64.4





#58
Fluorene
Concen: 4.21 ng
RT: 15.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47

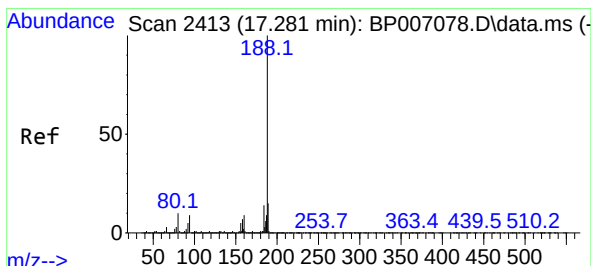
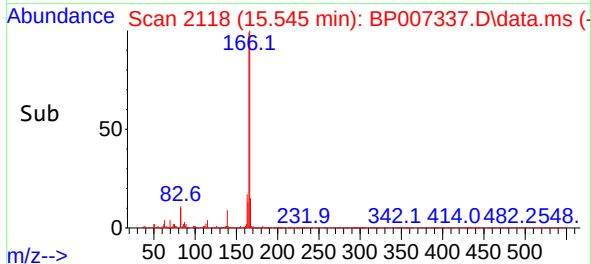
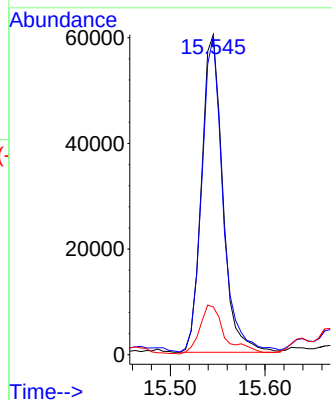
Instrument :
BNA_P
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Tgt Ion:166 Resp: 93618
Ion Ratio Lower Upper
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165 99.4 78.0 117.0
167 14.9 10.5 15.7

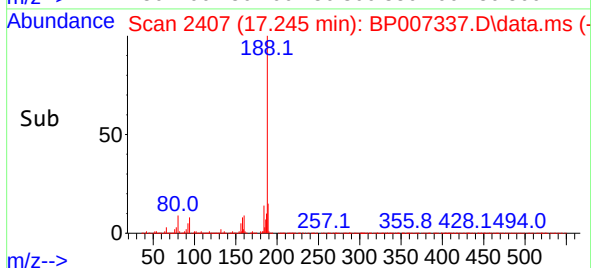
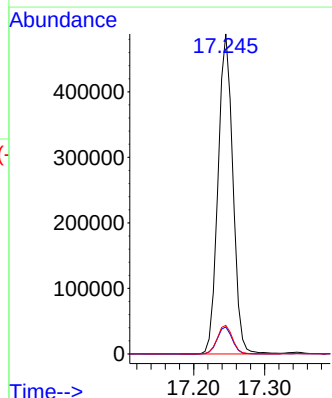
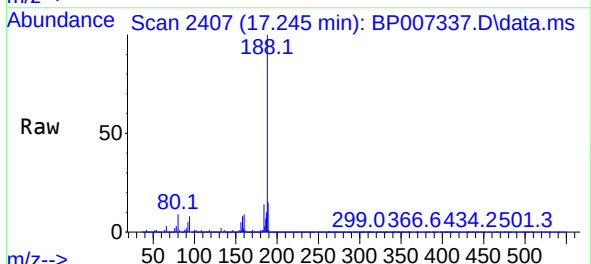
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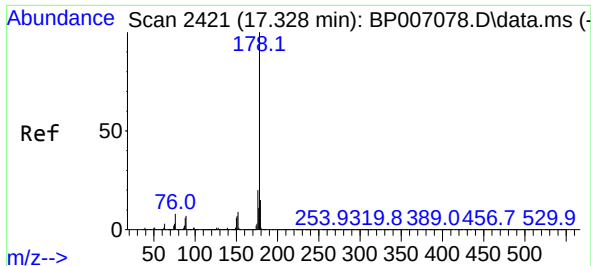
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47

Tgt Ion:188 Resp: 705306
Ion Ratio Lower Upper
188 100
94 8.5 5.6 8.4#
80 9.0 6.3 9.5



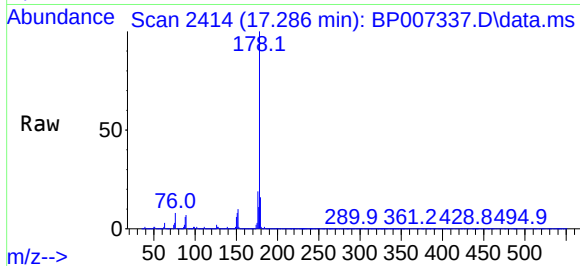


#71
Phenanthrene
Concen: 50.62 ng
RT: 17.286 min Scan# 2414
Delta R.T. -0.011 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47

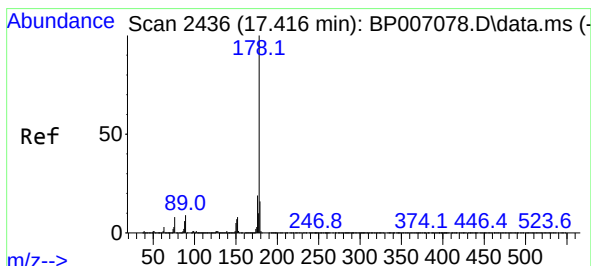
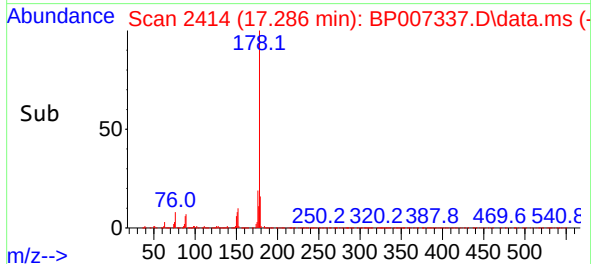
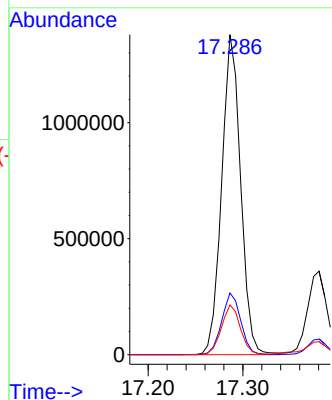
Instrument :
BNA_P
ClientSampleId :
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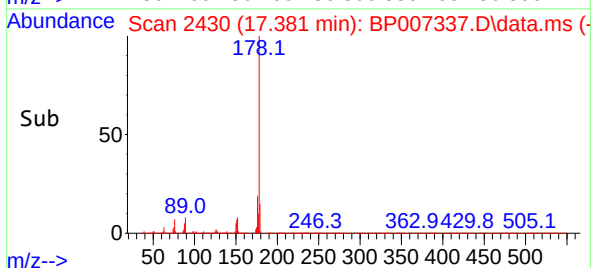
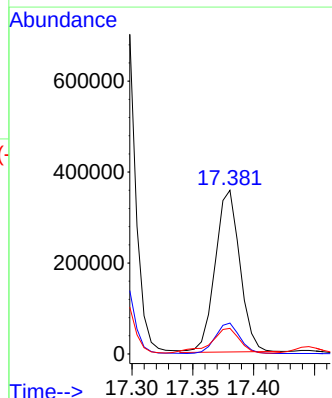
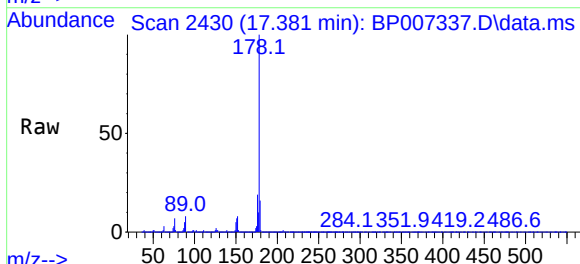


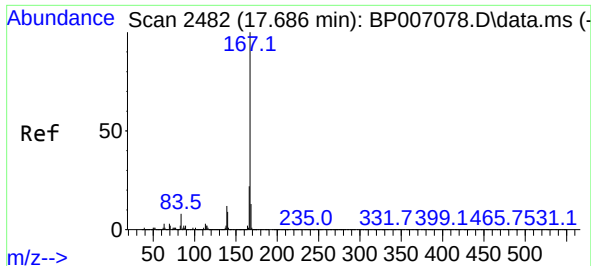
Tgt Ion:178 Resp: 1914497
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.5 12.4 18.6



#72
Anthracene
Concen: 13.61 ng
RT: 17.381 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47

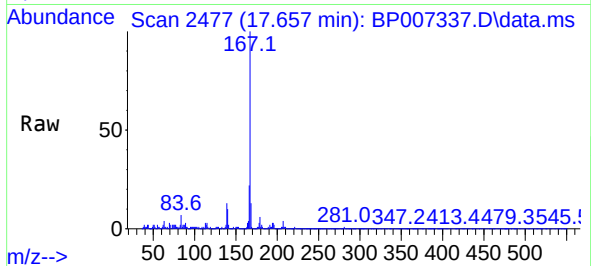
Tgt Ion:178 Resp: 503327
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.6 12.2 18.2





#73
 Carbazole
 Concen: 2.93 ng
 RT: 17.657 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BP007337.D
 Acq: 05 Oct 2021 21:47

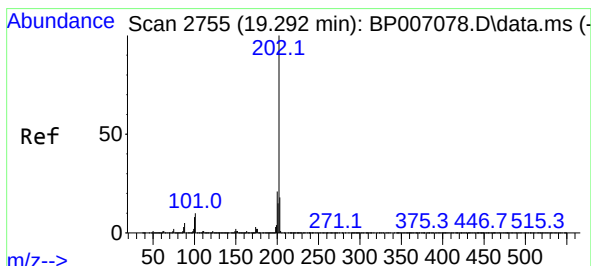
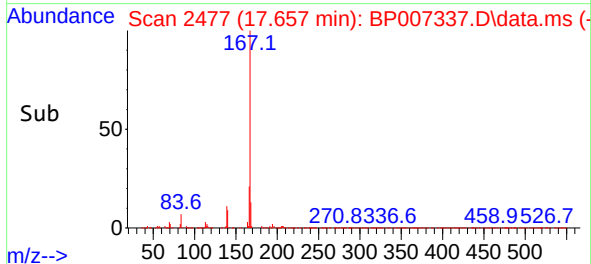
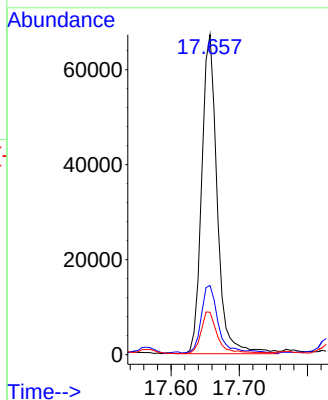
Instrument :
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 ClientSampleId :
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Tgt Ion:167 Resp: 106272
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 13.2 10.7 16.1

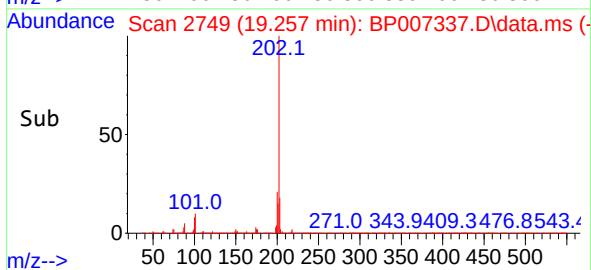
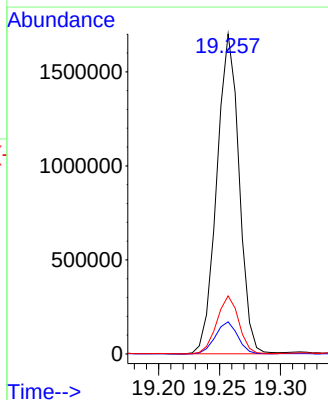
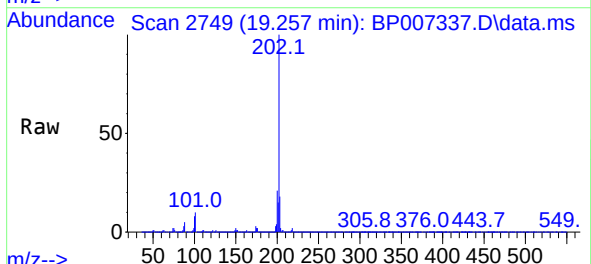
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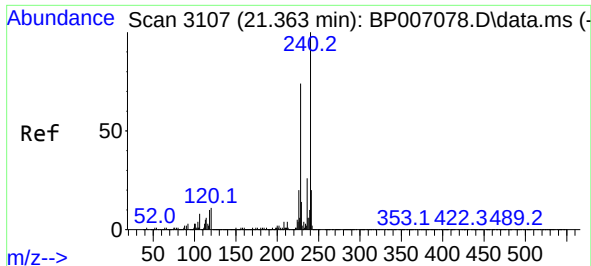
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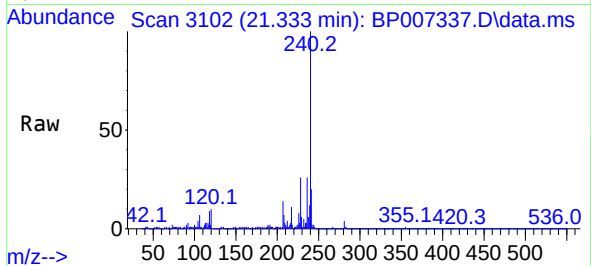
#75
 Fluoranthene
 Concen: 49.82 ng
 RT: 19.257 min Scan# 2749
 Delta R.T. -0.006 min
 Lab File: BP007337.D
 Acq: 05 Oct 2021 21:47

Tgt Ion:202 Resp: 2170730
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 27.6
 203 18.2 0.0 37.8

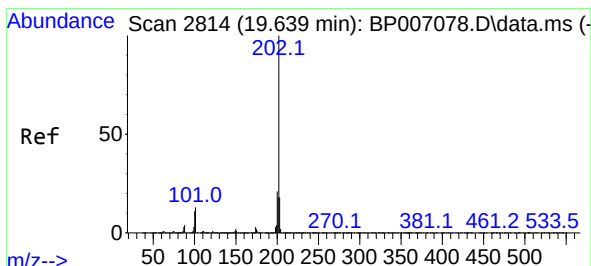
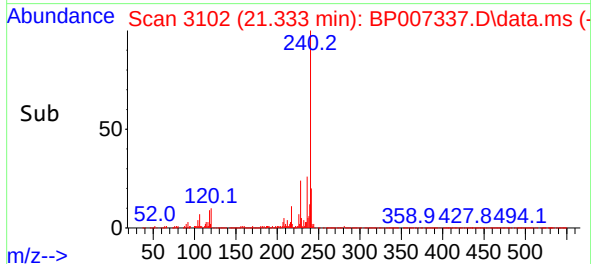
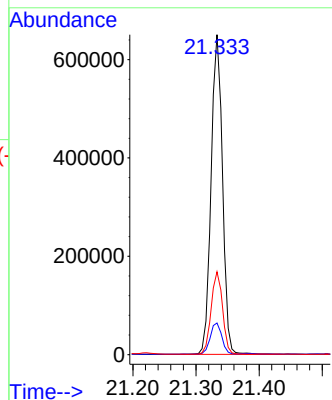




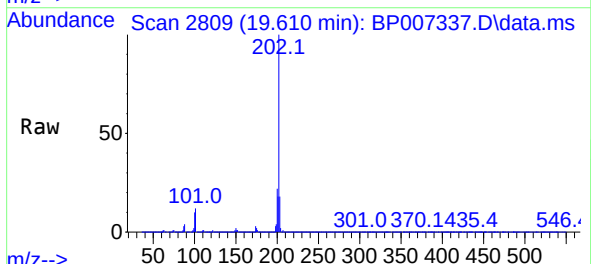
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47



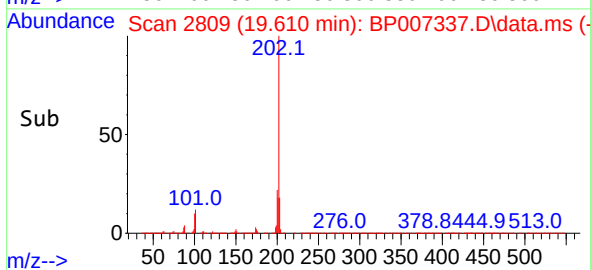
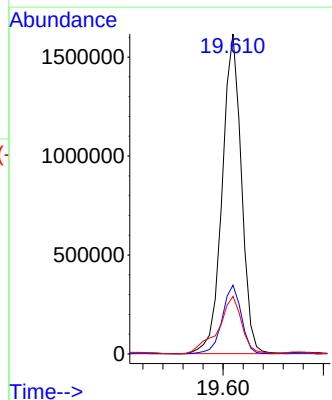
Tgt Ion:240 Resp: 813262
Ion Ratio Lower Upper
240 100
120 9.9 6.5 9.7#
236 25.9 20.6 31.0



#78
Pyrene
Concen: 40.15 ng
RT: 19.610 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47



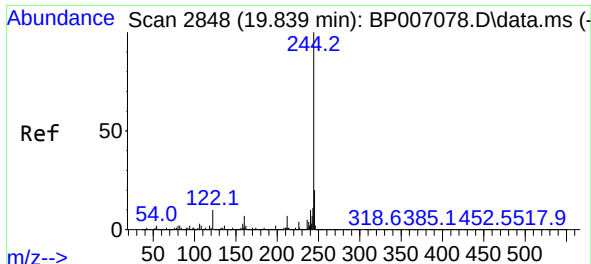
Tgt Ion:202 Resp: 2142290
Ion Ratio Lower Upper
202 100
200 21.5 16.3 24.5
203 18.0 14.2 21.2



Instrument :
BNA_P
ClientSampleId :
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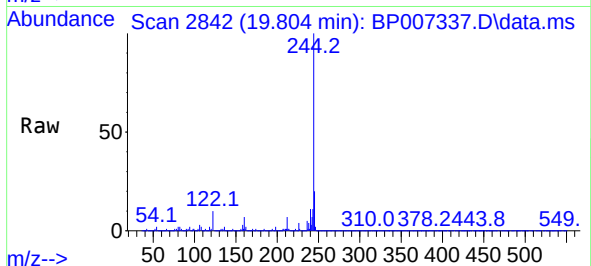
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#79
Terphenyl-d14
Concen: 83.21 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47

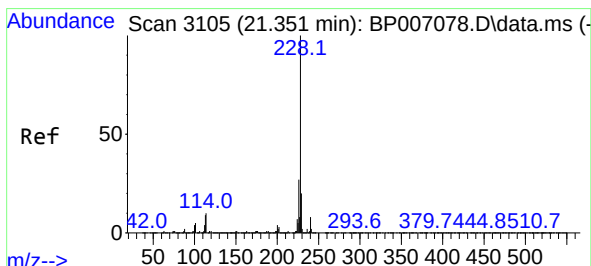
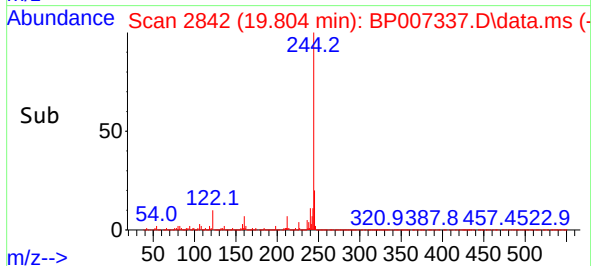
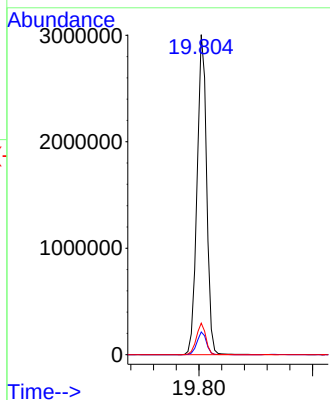
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:244 Resp: 3531242
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 9.8 7.1 10.7

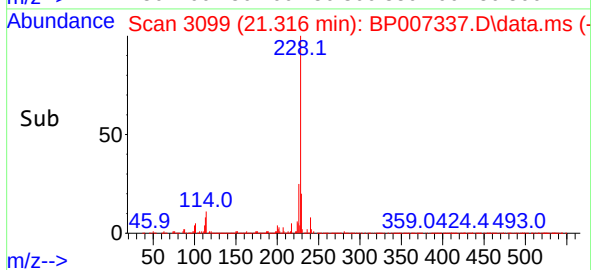
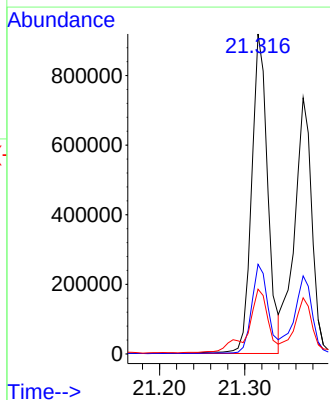
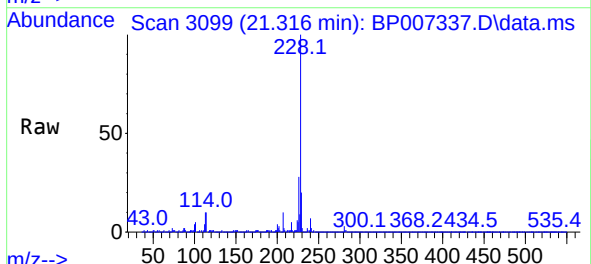
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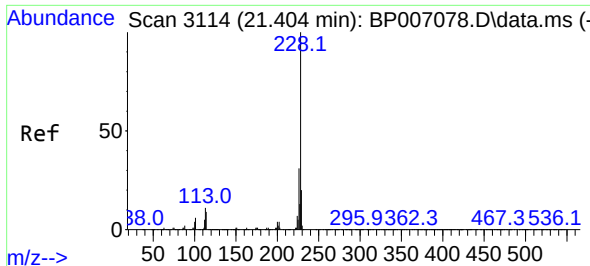
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#81
Benzo(a)anthracene
Concen: 22.80 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.011 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47

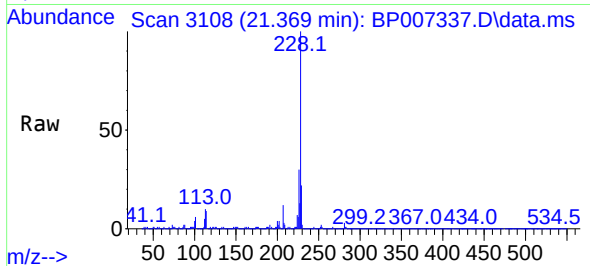
Tgt Ion:228 Resp: 1203695
Ion Ratio Lower Upper
228 100
226 28.0 21.6 32.4
229 20.3 15.8 23.6





#83
Chrysene
Concen: 20.64 ng
RT: 21.369 min Scan# 3108
Delta R.T. -0.011 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47

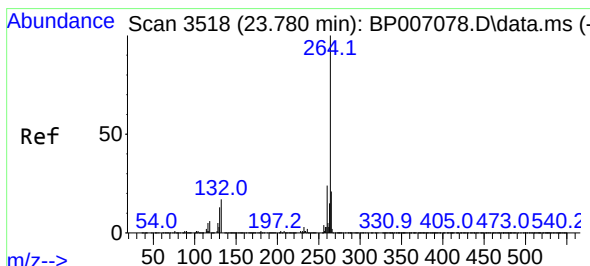
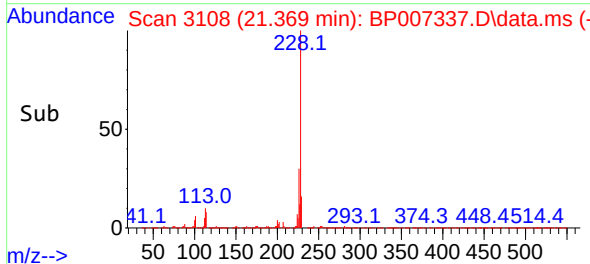
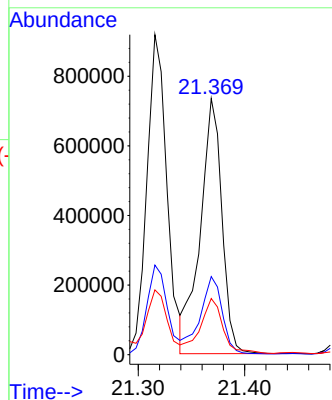
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:228 Resp: 1041130
Ion Ratio Lower Upper
228 100
226 30.5 23.8 35.6
229 21.9 15.4 23.2

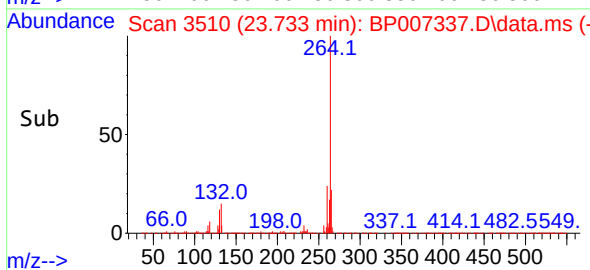
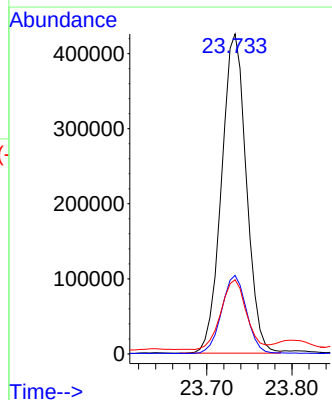
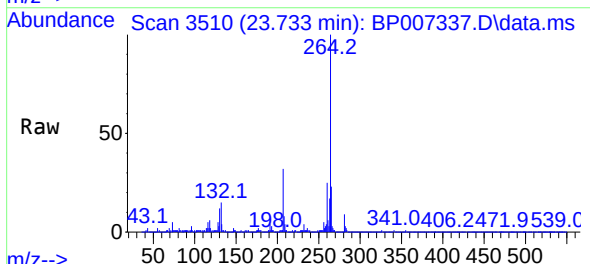
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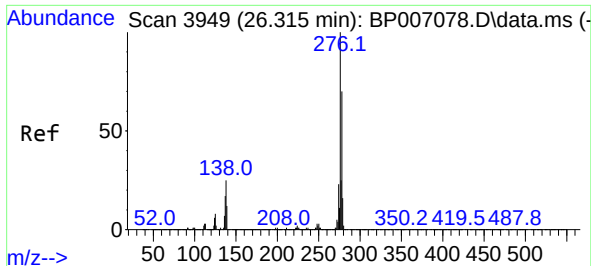
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.733 min Scan# 3510
Delta R.T. -0.011 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47

Tgt Ion:264 Resp: 860542
Ion Ratio Lower Upper
264 100
260 24.6 18.6 28.0
265 23.2 17.6 26.4





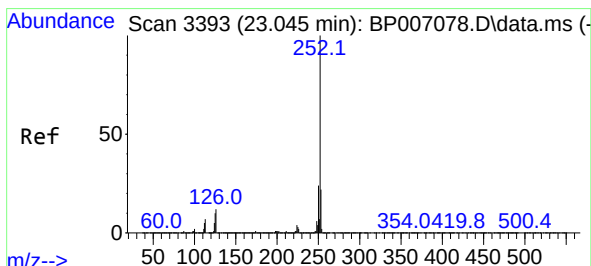
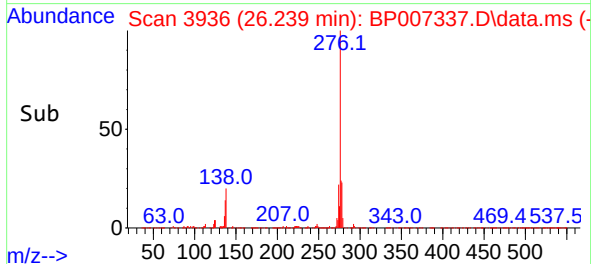
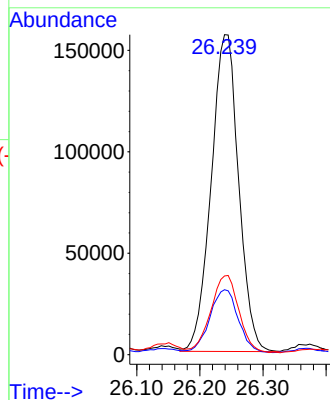
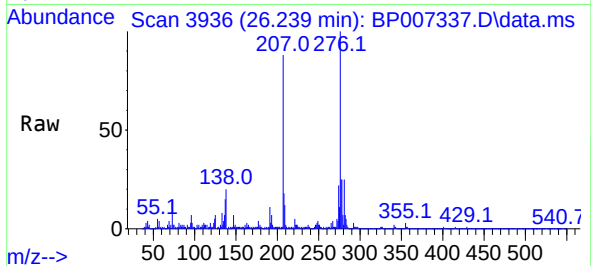
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.64 ng
RT: 26.239 min Scan# 3936
Delta R.T. -0.029 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47

Tgt Ion: 276 Resp: 472305
Ion Ratio Lower Upper
276 100
138 20.5 15.3 22.9
277 25.0 20.4 30.6

Instrument :
BNA_P
ClientSampleId :
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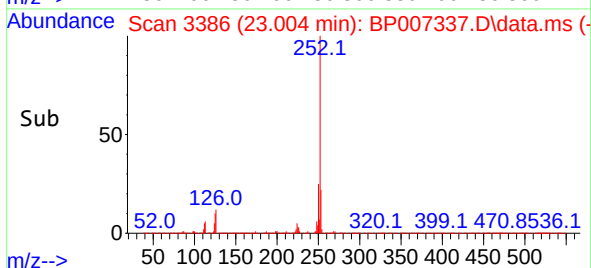
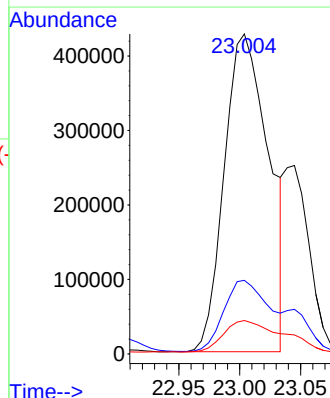
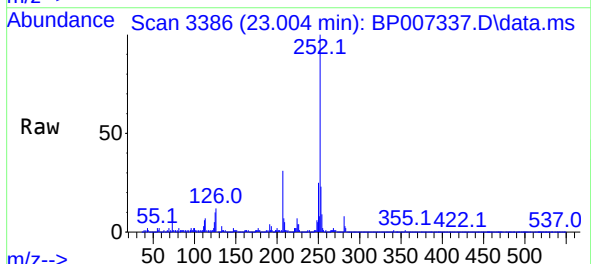
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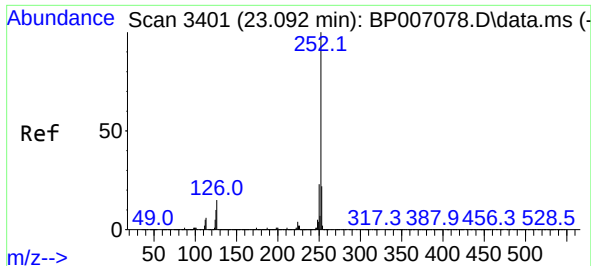
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#88
Benzo(b)fluoranthene
Concen: 21.08 ng
RT: 23.004 min Scan# 3386
Delta R.T. -0.006 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47

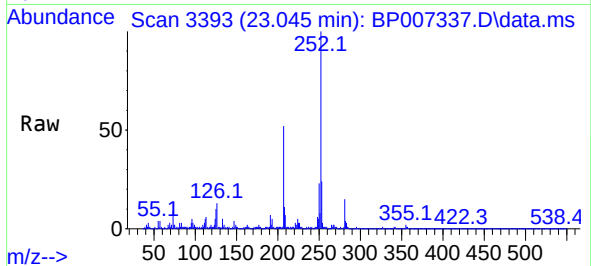
Tgt Ion: 252 Resp: 1084003
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 10.5 6.2 9.4#





#89
Benzo(k)fluoranthene
Concen: 6.70 ng m
RT: 23.045 min Scan# 3393
Delta R.T. -0.011 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47

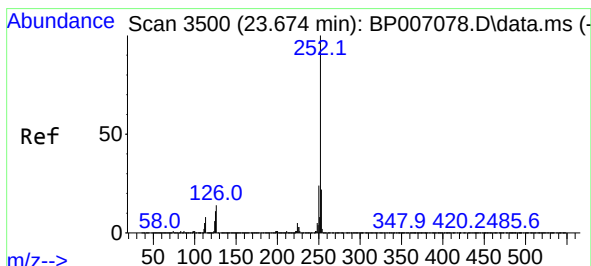
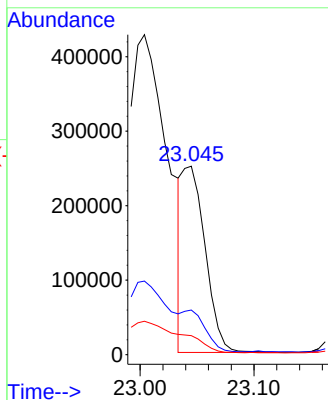
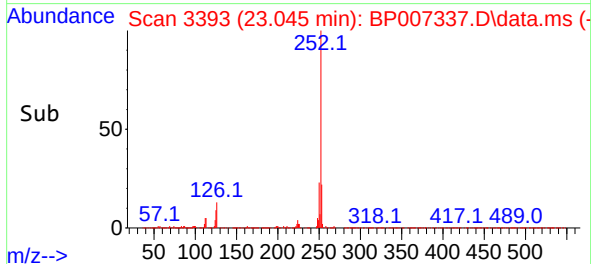
Instrument :
BNA_P
ClientSampleId :
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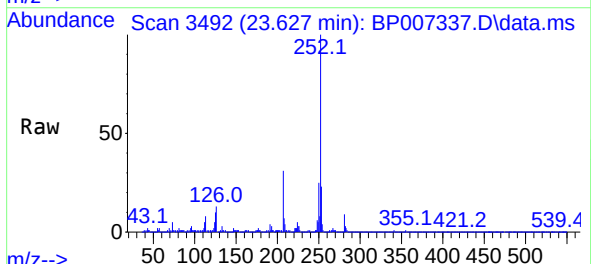
Tgt Ion:252 Resp: 349090
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 10.1 6.0 9.0#

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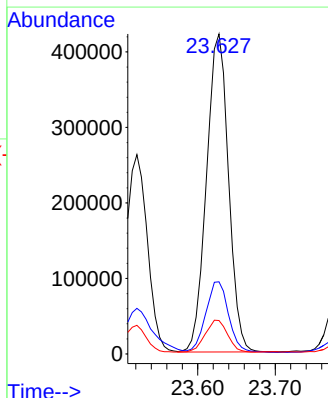
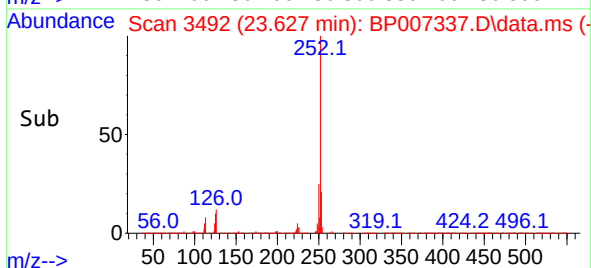
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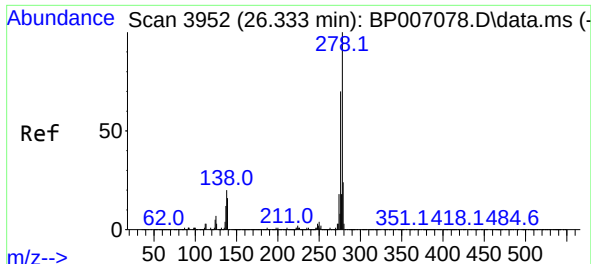


#90
Benzo(a)pyrene
Concen: 19.05 ng
RT: 23.627 min Scan# 3492
Delta R.T. -0.011 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47



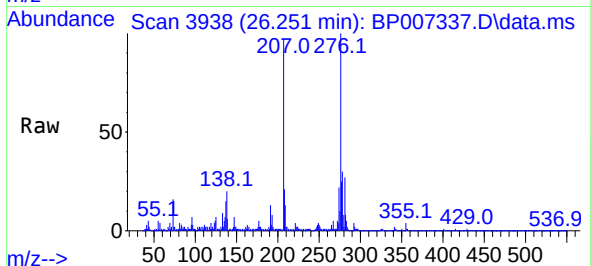
Tgt Ion:252 Resp: 832358
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 10.4 6.5 9.7#





#91
Dibenzo(a,h)anthracene
Concen: 2.78 ng
RT: 26.251 min Scan# 3938
Delta R.T. -0.029 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47

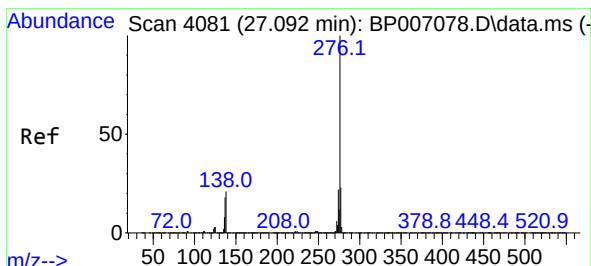
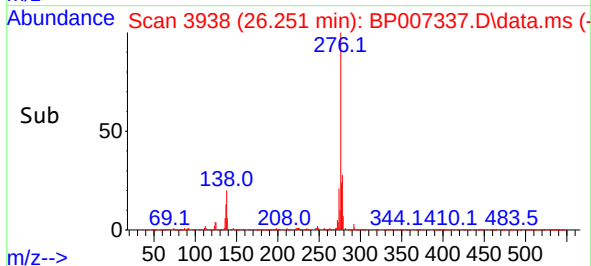
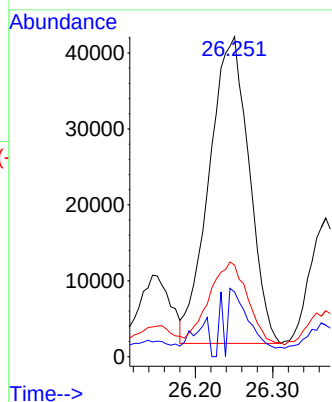
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:278 Resp: 144243
Ion Ratio Lower Upper
278 100
139 20.2 9.3 13.9#
279 28.6 18.8 28.2#

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#92
Benzo(g,h,i)perylene
Concen: 8.65 ng
RT: 27.009 min Scan# 4067
Delta R.T. -0.035 min
Lab File: BP007337.D
Acq: 05 Oct 2021 21:47

Tgt Ion:276 Resp: 437723
Ion Ratio Lower Upper
276 100
277 24.2 18.9 28.3
138 20.6 12.6 18.8#

