

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
 Data File : BP005732.D
 Acq On : 05 Jun 2021 02:47
 Operator : CG/JU
 Sample : M2589-16 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B11(4-6)

Manual Integrations
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Quant Time: Jun 05 03:28:24 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 16:11:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	145354	20.000	ng	0.00
21) Naphthalene-d8	10.793	136	562608	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	353049	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	717846	20.000	ng	# 0.00
76) Chrysene-d12	21.427	240	729886	20.000	ng	# 0.00
86) Perylene-d12	23.874	264	848674	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.552	112	115702	12.376	ng	0.00
7) Phenol-d6	7.158	99	138652	10.879	ng	0.01
23) Nitrobenzene-d5	9.152	82	88688	8.767	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	60404	13.343	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	224922	8.431	ng	0.00
79) Terphenyl-d14	19.892	244	343211	8.824	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.846	128	149209	4.454	ng	98
37) 2-Methylnaphthalene	12.451	142	63232	2.664	ng	# 85
38) 1-Methylnaphthalene	12.663	142	45967	2.041	ng	# 93
52) Acenaphthene	14.675	154	132909	5.629	ng	95
55) Dibenzofuran	15.010	168	133038	3.676	ng	97
58) Fluorene	15.657	166	201117	6.951	ng	98
71) Phenanthrene	17.398	178	2028085	45.349	ng	100
72) Anthracene	17.492	178	556520	12.603	ng	99
73) Carbazole	17.757	167	263460	6.062	ng	100
75) Fluoranthene	19.363	202	3140635	58.502	ng	97
78) Pyrene	19.710	202	2676128	51.962	ng	99
80) Butylbenzylphthalate	20.563	149	79539m	7.620	ng	
81) Benzo(a)anthracene	21.410	228	1381308	25.787	ng	97
83) Chrysene	21.463	228	1224170	23.601	ng	96
84) Bis(2-ethylhexyl)phtha...	21.339	149	14402963	495.052	ng	# 86
87) Indeno(1,2,3-cd)pyrene	26.451	276	832938	11.536	ng	# 93
88) Benzo(b)fluoranthene	23.127	252	1702240	27.644	ng	# 96
89) Benzo(k)fluoranthene	23.174	252	502489m	8.612	ng	
90) Benzo(a)pyrene	23.768	252	1215150	21.692	ng	# 94
91) Dibenzo(a,h)anthracene	26.462	278	228281	3.643	ng	# 80
92) Benzo(g,h,i)perylene	27.251	276	809836	13.399	ng	# 93

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

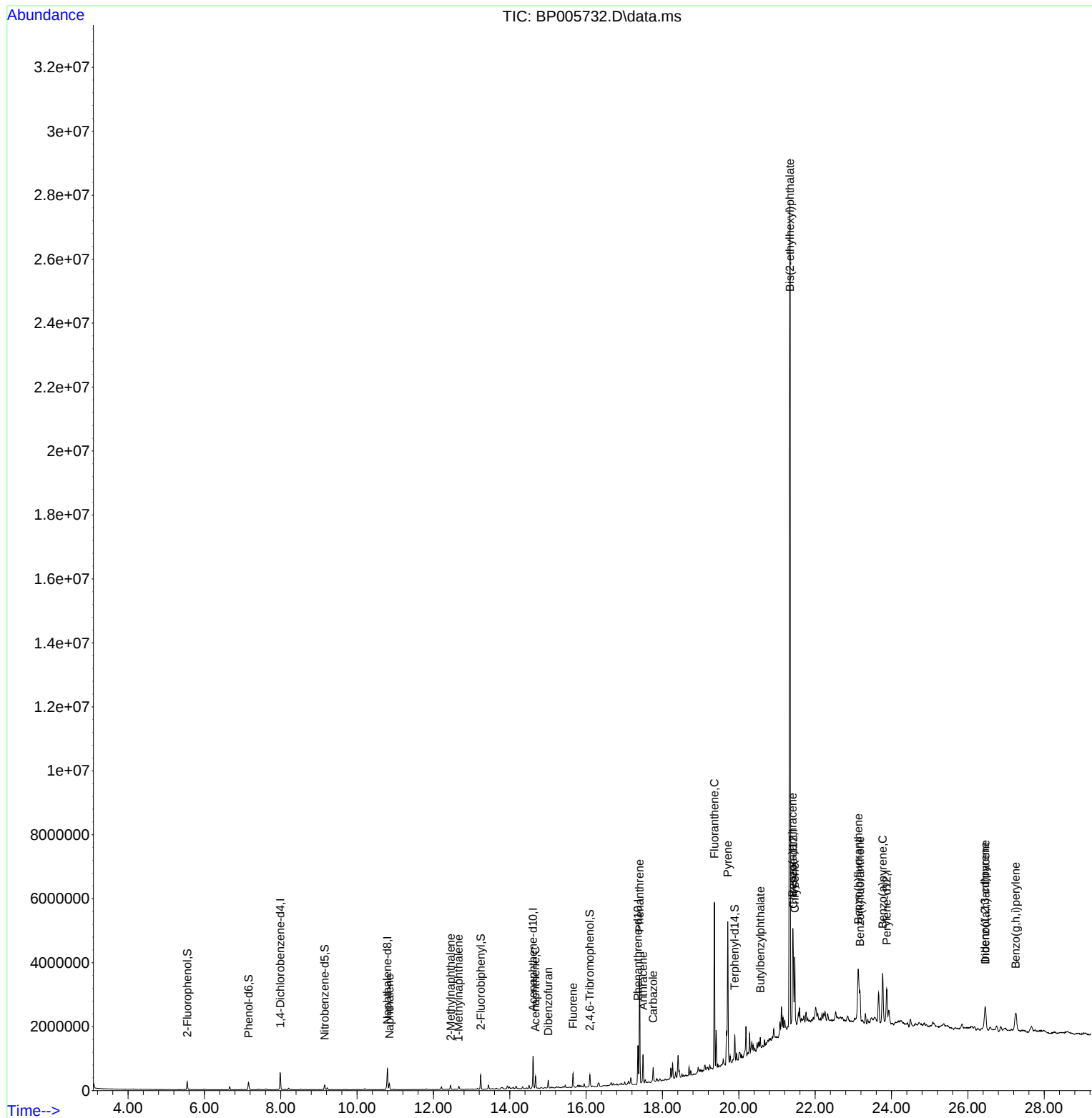
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005732.D
Acq On : 05 Jun 2021 02:47
Operator : CG/JU
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ALS Vial : 19 Sample Multiplier: 1

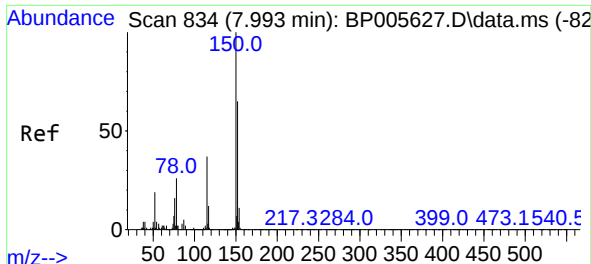
Instrument :
BNA_P
ClientSampleId :
18-B11(4-6)

Manual Integrations
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Quant Time: Jun 05 03:28:24 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
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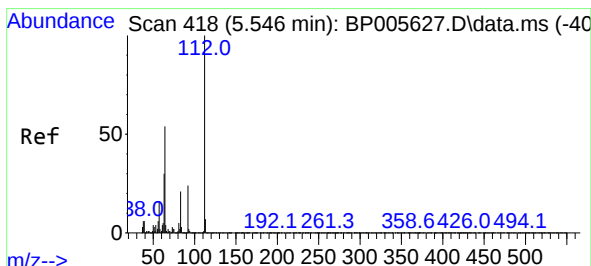
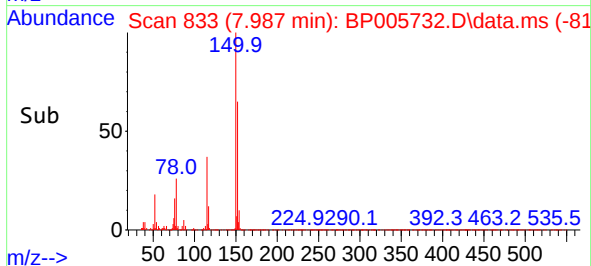
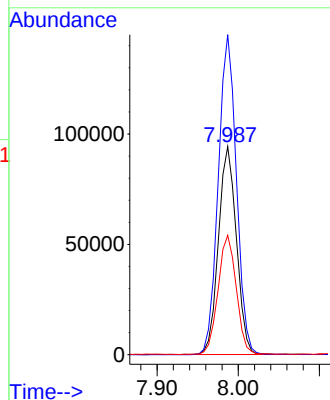
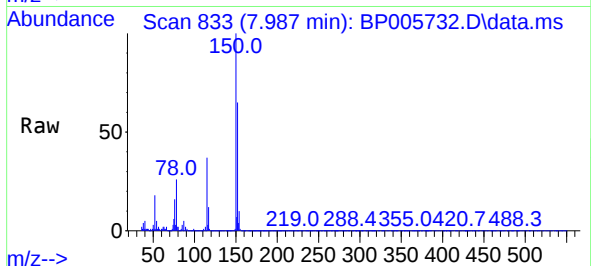
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47

Tgt Ion:152 Resp: 145354
Ion Ratio Lower Upper
152 100
150 153.8 119.8 179.8
115 57.4 49.0 73.4

Instrument :
BNA_P
ClientSampleId :
18-B11(4-6)

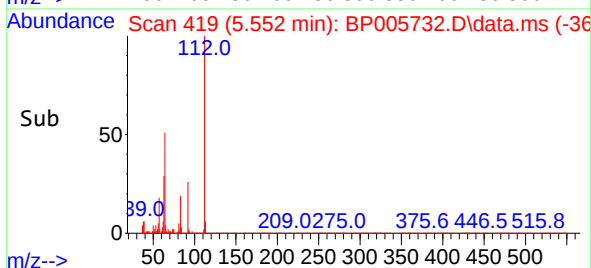
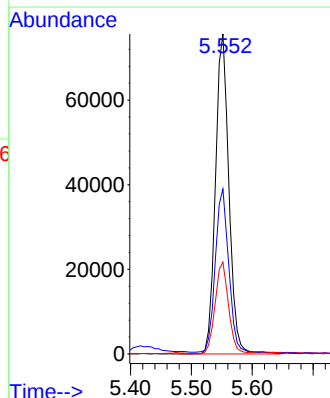
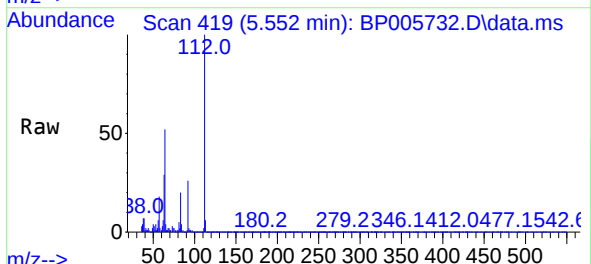
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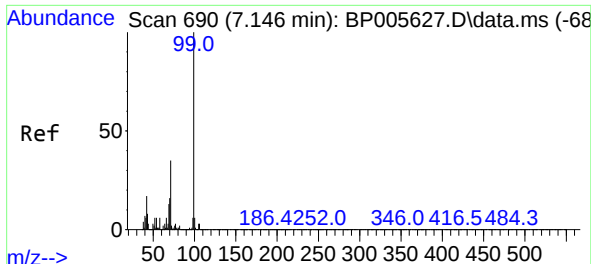
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#5
2-Fluorophenol
Concen: 12.376 ng
RT: 5.552 min Scan# 419
Delta R.T. 0.006 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47

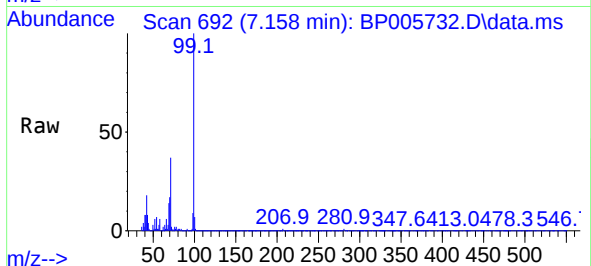
Tgt Ion:112 Resp: 115702
Ion Ratio Lower Upper
112 100
64 51.5 33.6 50.4#
63 28.7 18.6 27.8#





#7
Phenol-d6
Concen: 10.879 ng
RT: 7.158 min Scan# 692
Delta R.T. 0.012 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47

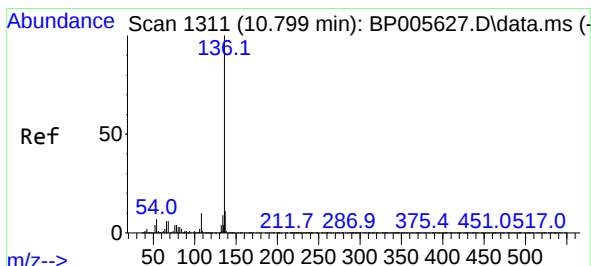
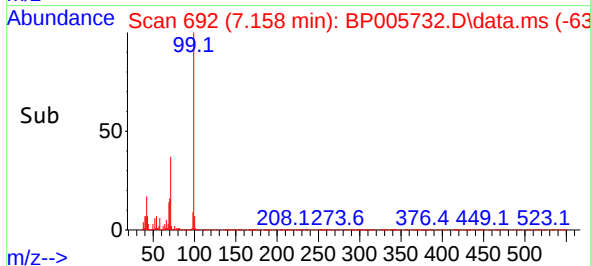
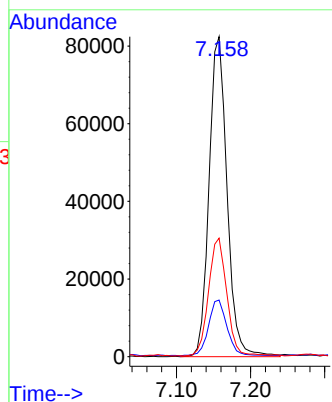
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 99 Resp: 138652
Ion Ratio Lower Upper
99 100
42 17.7 12.9 19.3
71 37.0 26.7 40.1

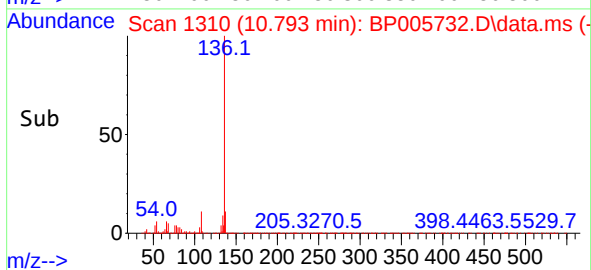
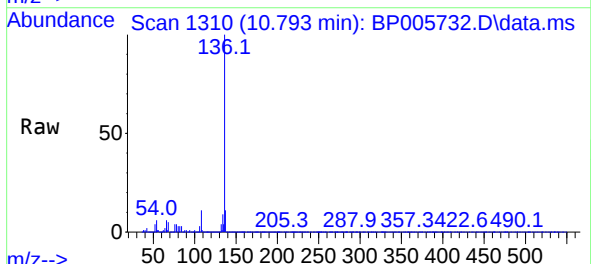
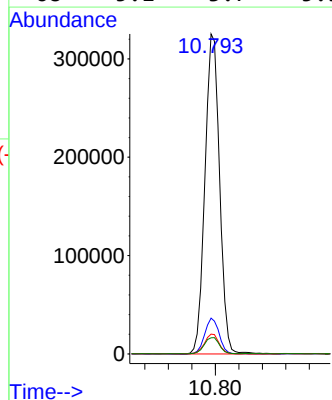
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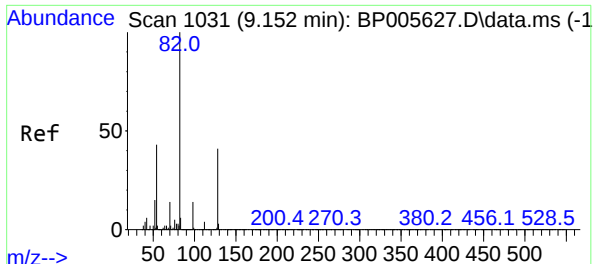
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47

Tgt Ion: 136 Resp: 562608
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.2 5.0 7.4
68 5.1 3.7 5.5





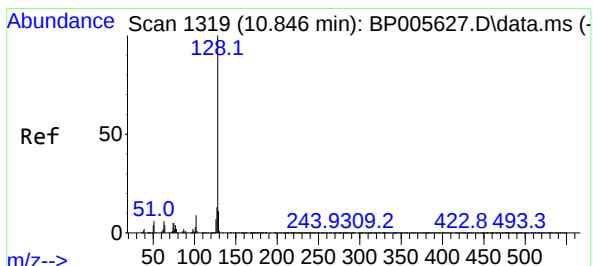
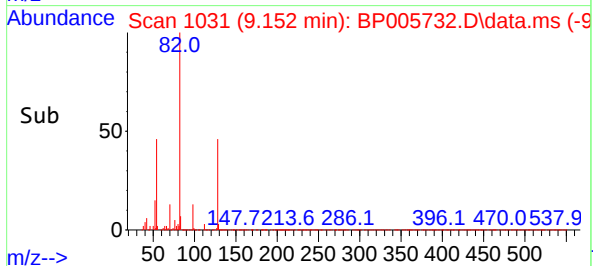
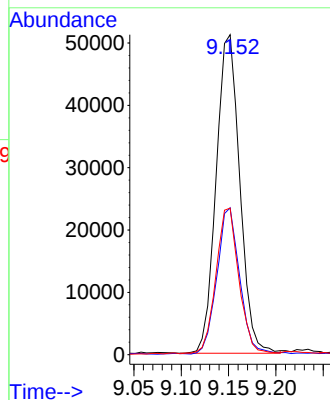
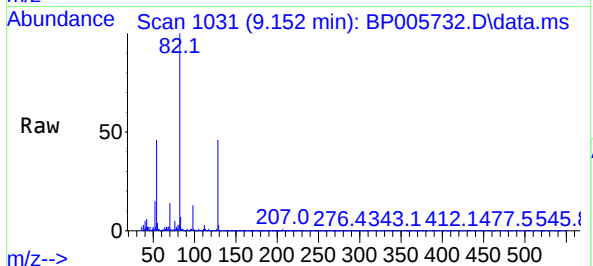
#23
Nitrobenzene-d5
Concen: 8.767 ng
RT: 9.152 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47

Tgt Ion: 82 Resp: 88688
Ion Ratio Lower Upper
82 100
128 45.9 30.5 45.7#
54 45.8 33.9 50.9

Instrument :
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18-B11(4-6)

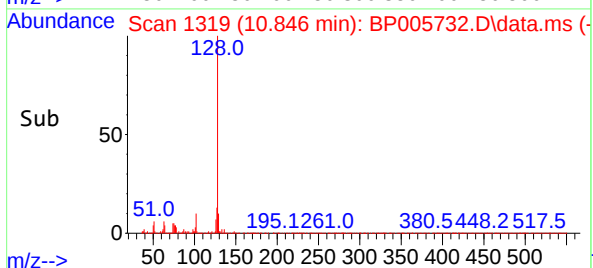
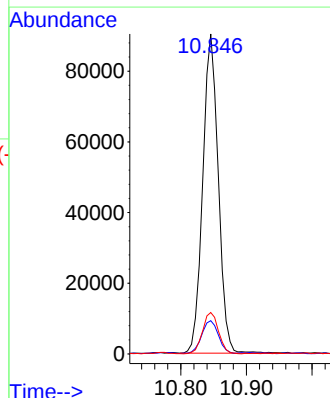
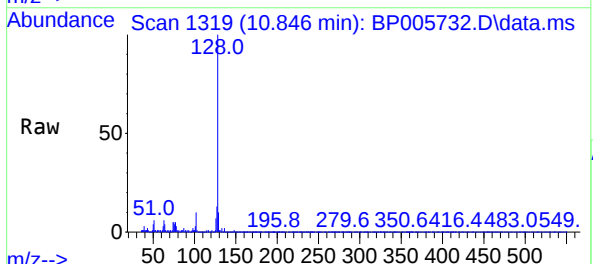
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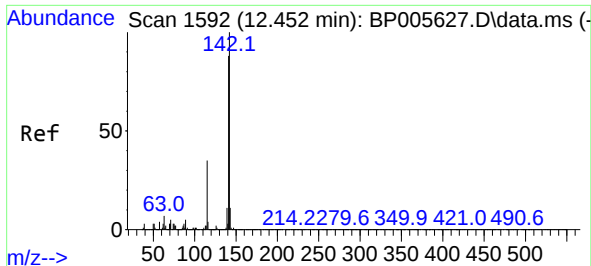
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#31
Naphthalene
Concen: 4.454 ng
RT: 10.846 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47

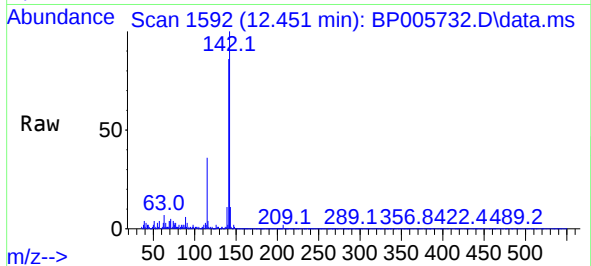
Tgt Ion: 128 Resp: 149209
Ion Ratio Lower Upper
128 100
129 10.4 8.0 12.0
127 12.9 11.1 16.7





#37
2-Methylnaphthalene
Concen: 2.664 ng
RT: 12.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47

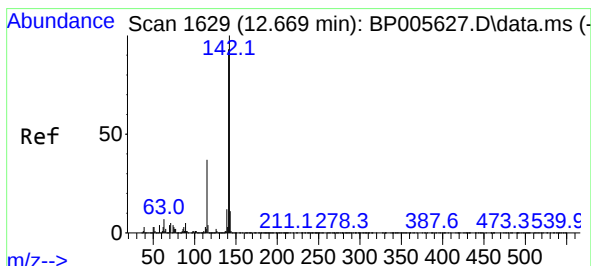
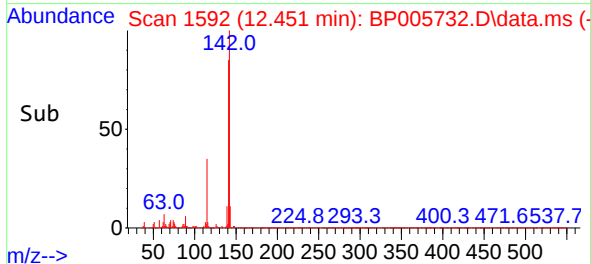
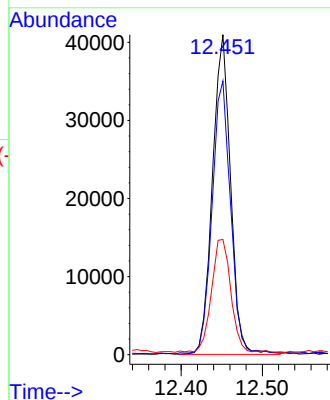
Instrument :
BNA_P
ClientSampleId :
18-B11(4-6)



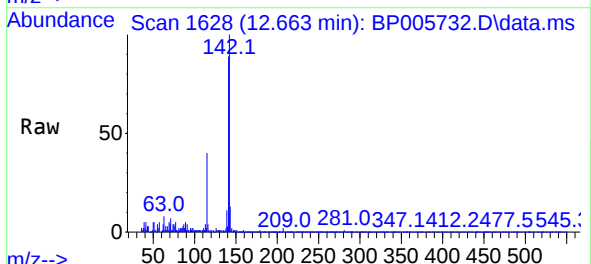
Tgt Ion:142 Resp: 63232
Ion Ratio Lower Upper
142 100
141 85.6 74.7 112.1
115 36.0 43.8 65.8#

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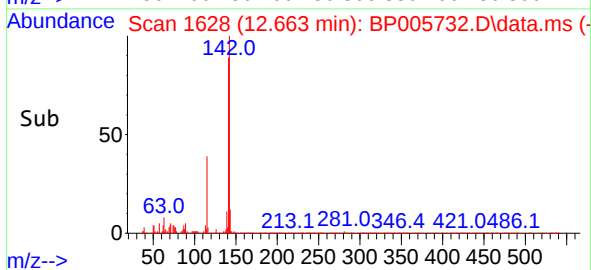
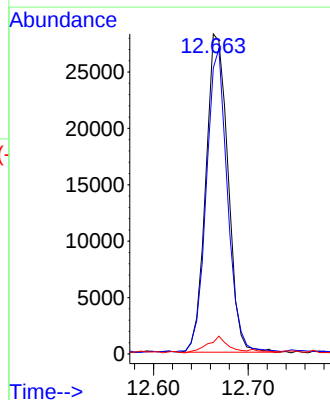
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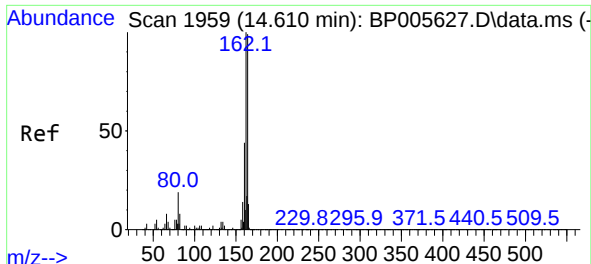


#38
1-Methylnaphthalene
Concen: 2.041 ng
RT: 12.663 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47



Tgt Ion:142 Resp: 45967
Ion Ratio Lower Upper
142 100
141 89.3 77.0 115.6
116 3.6 5.0 7.6#





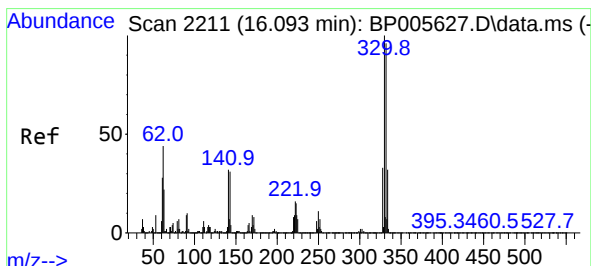
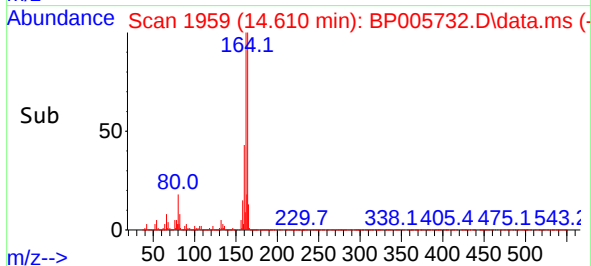
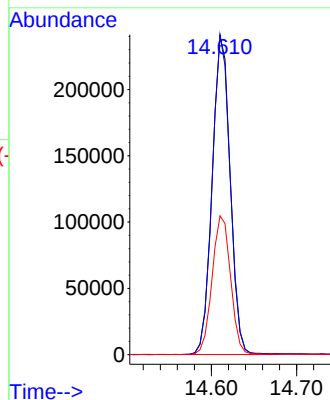
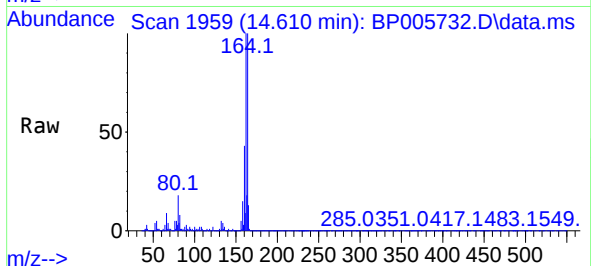
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47

Tgt Ion:164 Resp: 353049
Ion Ratio Lower Upper
164 100
162 100.4 73.5 110.3
160 43.6 40.6 61.0

Instrument :
BNA_P
ClientSampled :
18-B11(4-6)

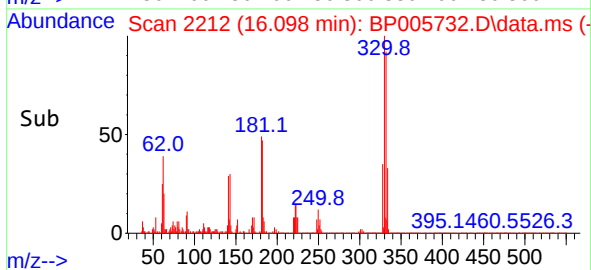
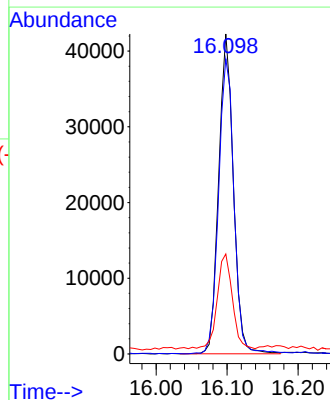
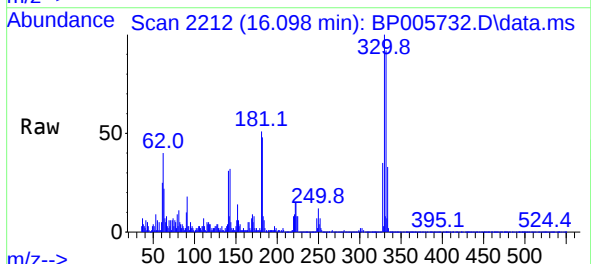
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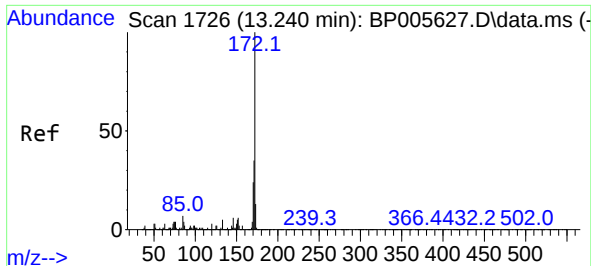
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#42
2,4,6-Tribromophenol
Concen: 13.343 ng
RT: 16.098 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47

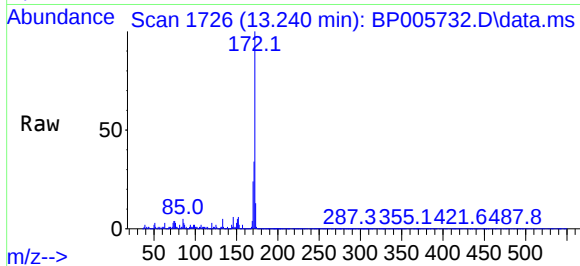
Tgt Ion:330 Resp: 60404
Ion Ratio Lower Upper
330 100
332 97.1 76.3 114.5
141 31.4 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 8.431 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47

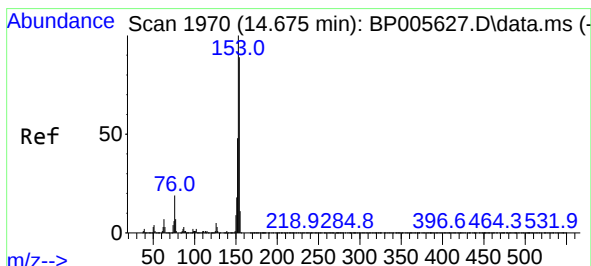
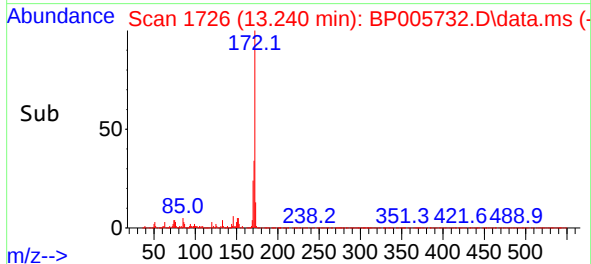
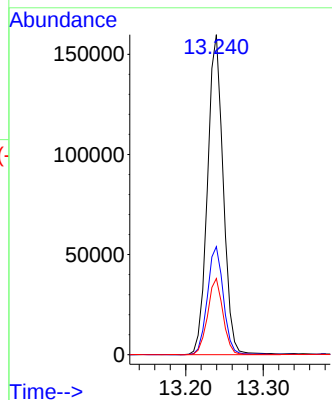
Instrument :
BNA_P
ClientSampled :
18-B11(4-6)



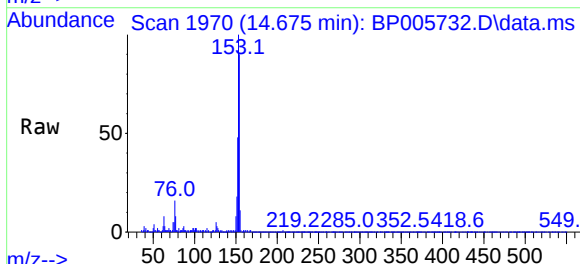
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Ion Ratio Lower Upper
172 100
171 33.8 28.1 42.1
170 23.8 19.6 29.4

Manual Integrations
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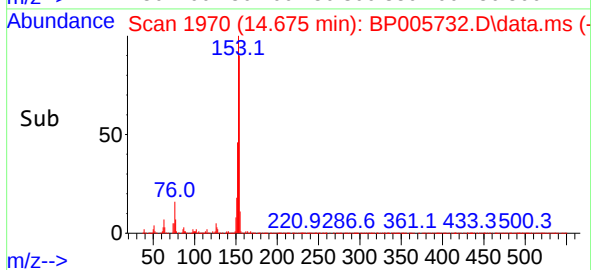
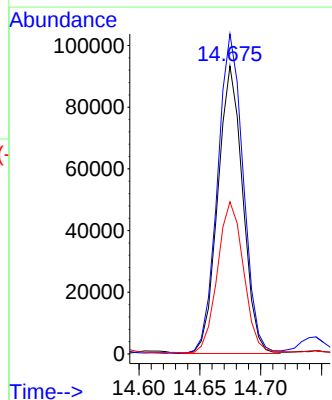
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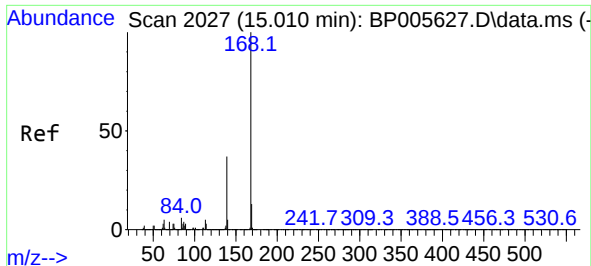


#52
Acenaphthene
Concen: 5.629 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47



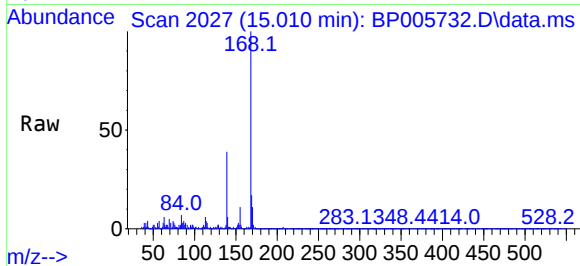
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Ion Ratio Lower Upper
154 100
153 111.1 90.9 136.3
152 52.8 48.5 72.7





#55
Dibenzenofuran
Concen: 3.676 ng
RT: 15.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47

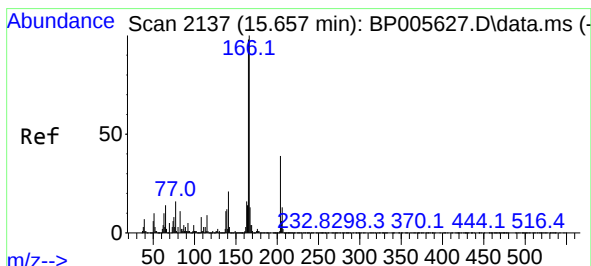
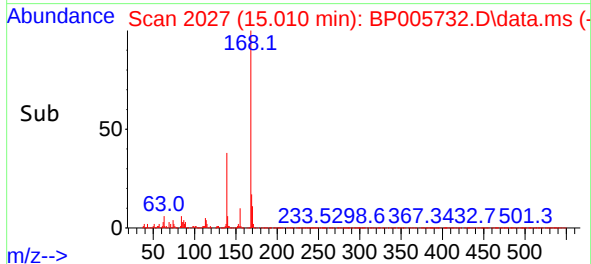
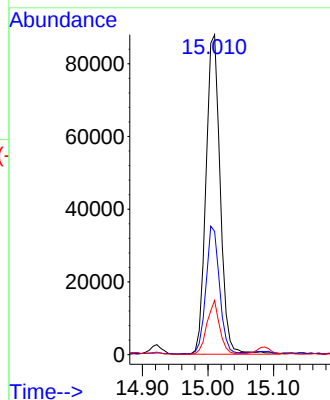
Instrument :
BNA_P
ClientSampleId :
18-B11(4-6)



Tgt Ion:168 Resp: 133038
Ion Ratio Lower Upper
168 100
139 38.6 31.4 47.0
169 16.9 11.4 17.0

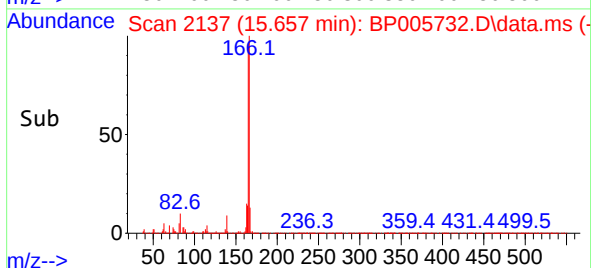
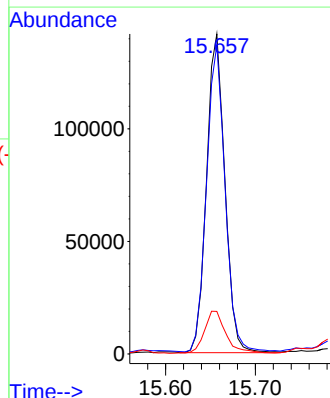
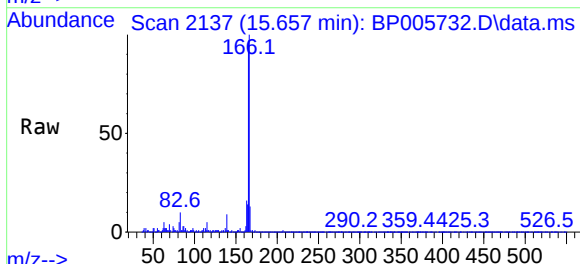
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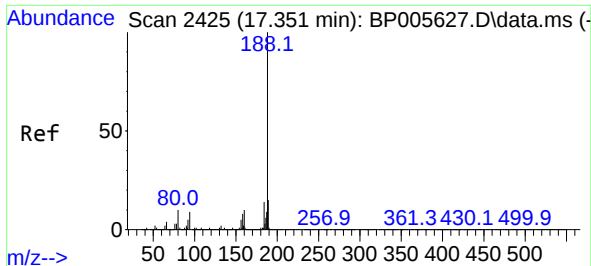
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#58
Fluorene
Concen: 6.951 ng
RT: 15.657 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47

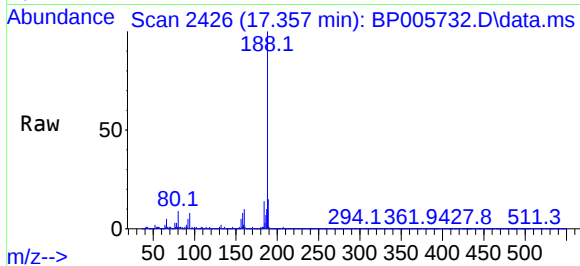
Tgt Ion:166 Resp: 201117
Ion Ratio Lower Upper
166 100
165 96.6 78.8 118.2
167 13.3 10.9 16.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47

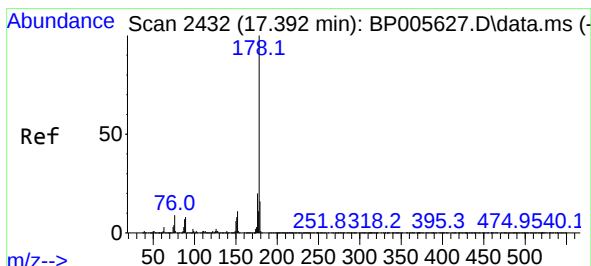
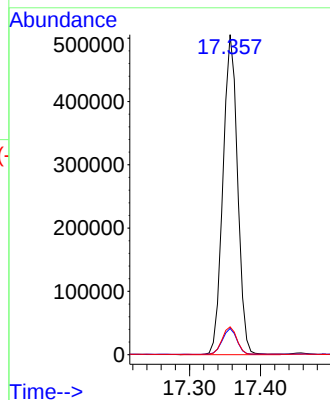
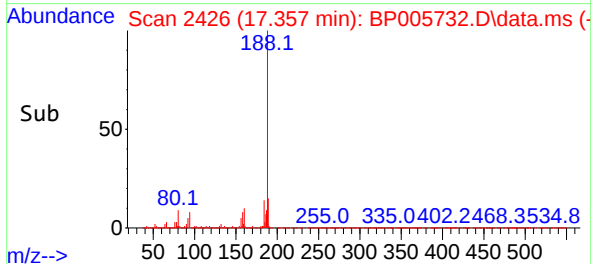
Instrument :
BNA_P
ClientSampleId :
18-B11(4-6)



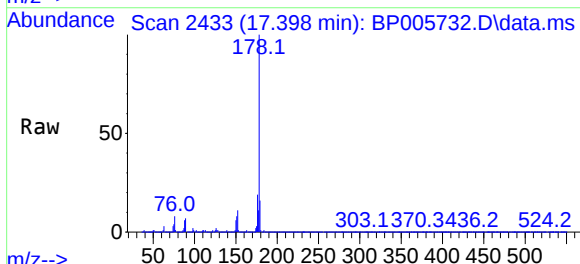
Tgt Ion:188 Resp: 717846
Ion Ratio Lower Upper
188 100
94 8.2 5.0 7.6#
80 8.7 5.9 8.9

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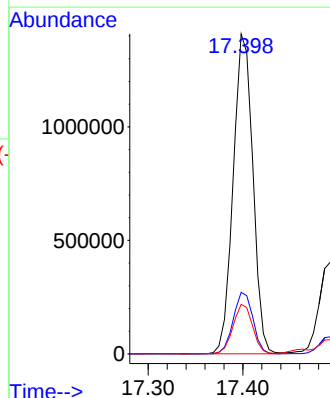
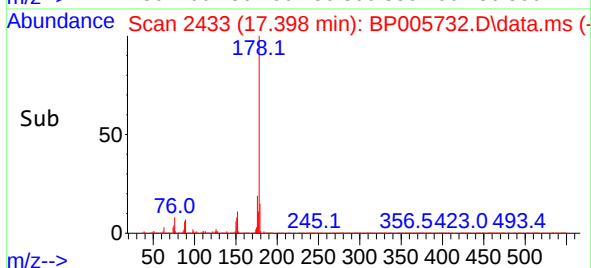
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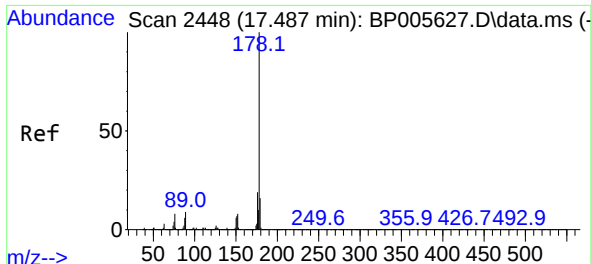


#71
Phenanthrene
Concen: 45.349 ng
RT: 17.398 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47



Tgt Ion:178 Resp: 2028085
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.5 12.3 18.5



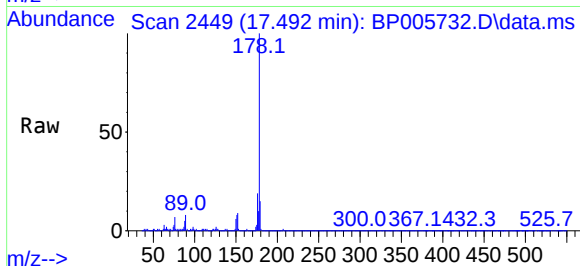


#72
 Anthracene
 Concen: 12.603 ng
 RT: 17.492 min Scan# 2449
 Delta R.T. 0.006 min
 Lab File: BP005732.D
 Acq: 05 Jun 2021 02:47

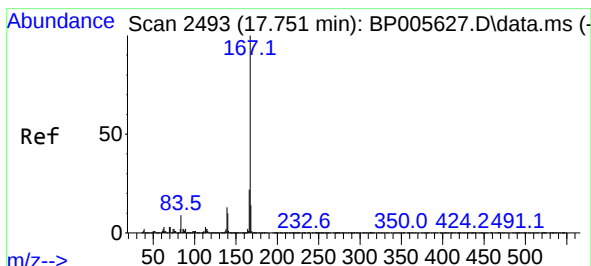
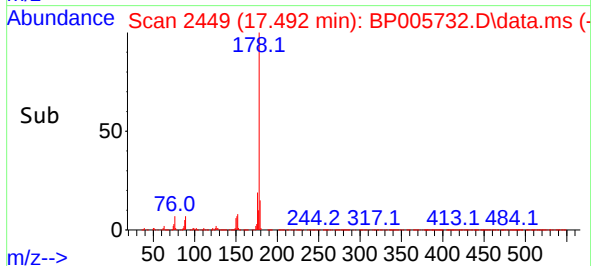
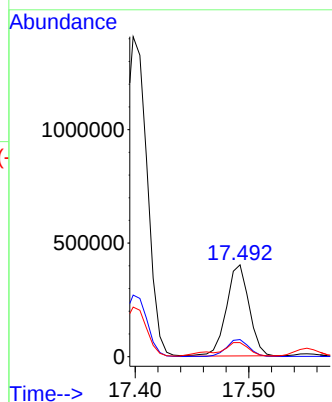
Instrument :
 BNA_P
 ClientSampled :
 18-B11(4-6)

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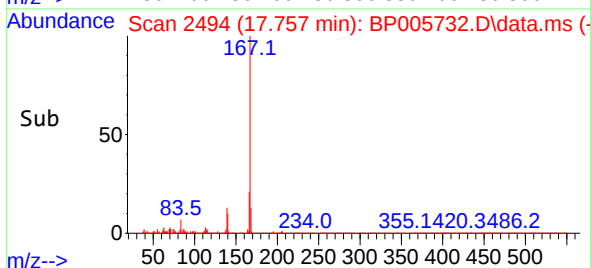
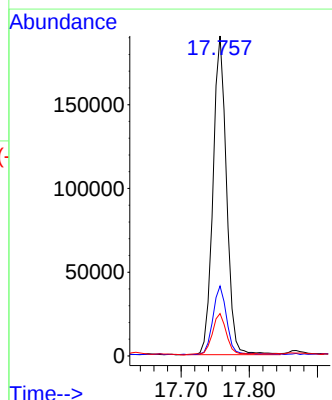
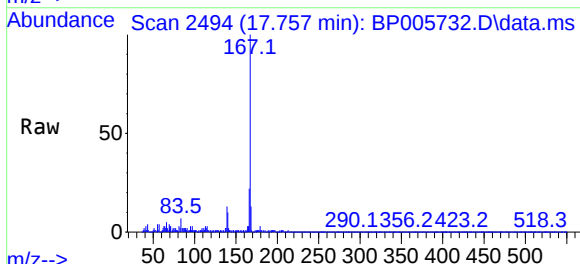


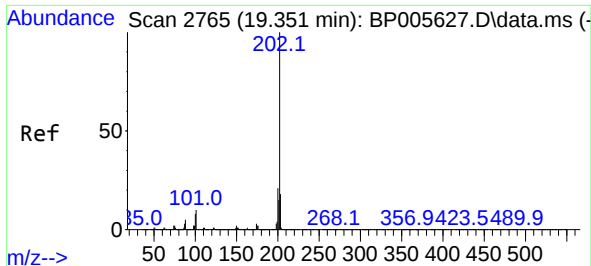
Tgt Ion:178 Resp: 556520
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.2 22.8
 179 15.3 12.6 19.0



#73
 Carbazole
 Concen: 6.062 ng
 RT: 17.757 min Scan# 2494
 Delta R.T. 0.006 min
 Lab File: BP005732.D
 Acq: 05 Jun 2021 02:47

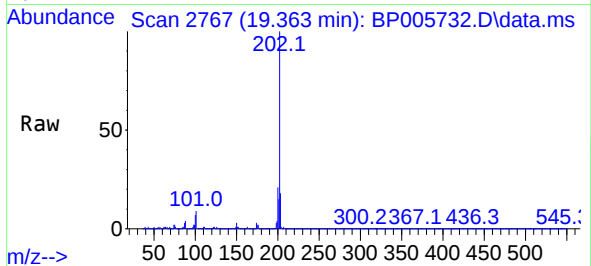
Tgt Ion:167 Resp: 263460
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.3 10.4 15.6





#75
Fluoranthene
Concen: 58.502 ng
RT: 19.363 min Scan# 2767
Delta R.T. 0.012 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47

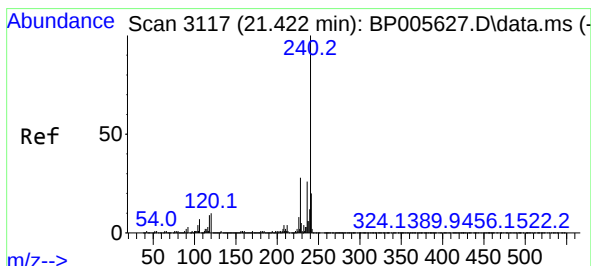
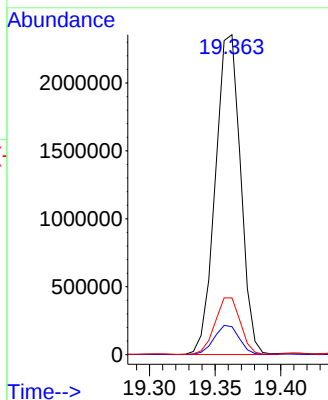
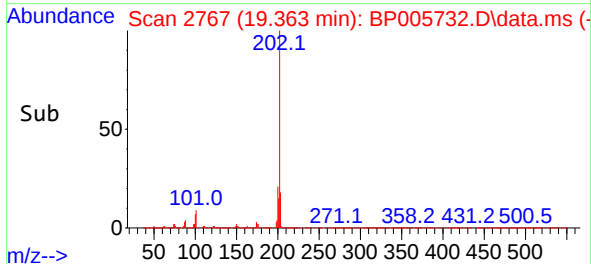
Instrument :
BNA_P
ClientSampleId :
18-B11(4-6)



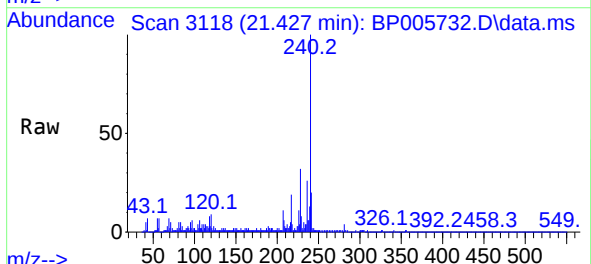
Tgt Ion:202 Resp: 3140635
Ion Ratio Lower Upper
202 100
101 8.8 0.0 26.1
203 17.8 0.0 37.2

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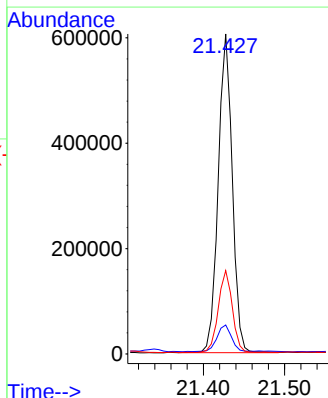
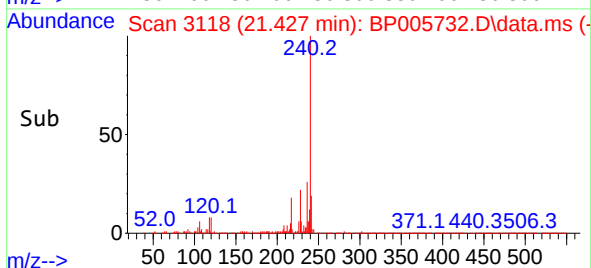
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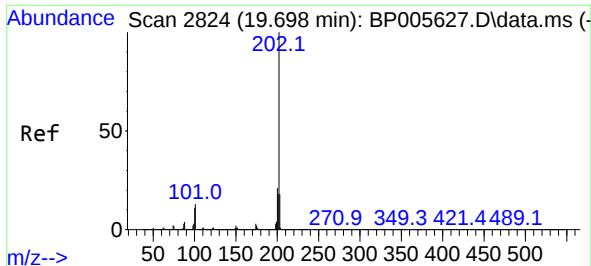


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.005 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47



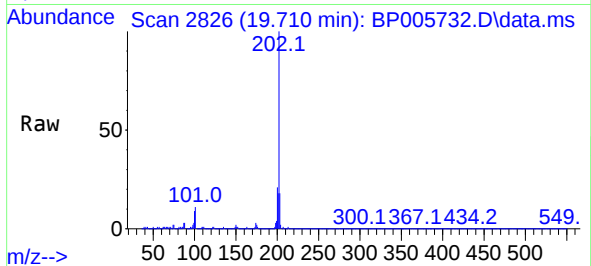
Tgt Ion:240 Resp: 729886
Ion Ratio Lower Upper
240 100
120 9.0 4.2 6.2#
236 26.1 20.2 30.2





#78
Pyrene
Concen: 51.962 ng
RT: 19.710 min Scan# 2826
Delta R.T. 0.012 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47

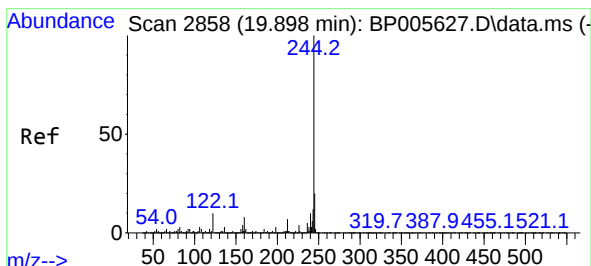
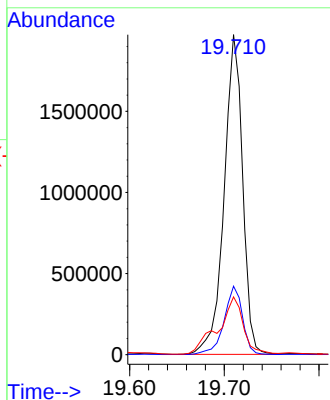
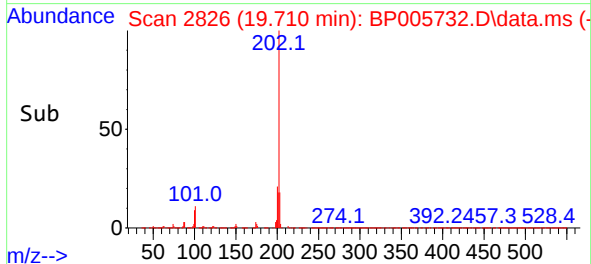
Instrument :
BNA_P
ClientSampled :
18-B11(4-6)



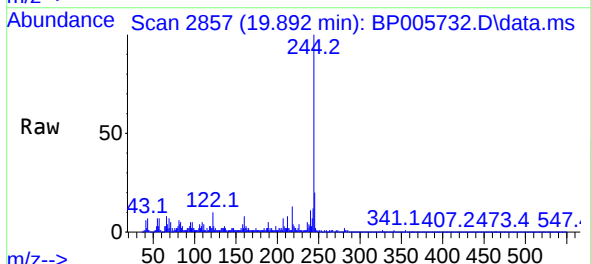
Tgt Ion:202 Resp: 2676128
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 18.1 13.8 20.6

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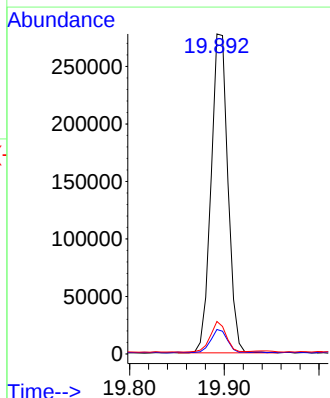
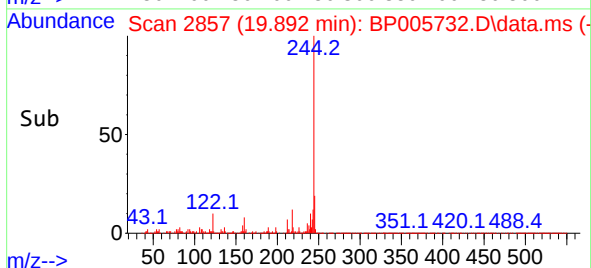
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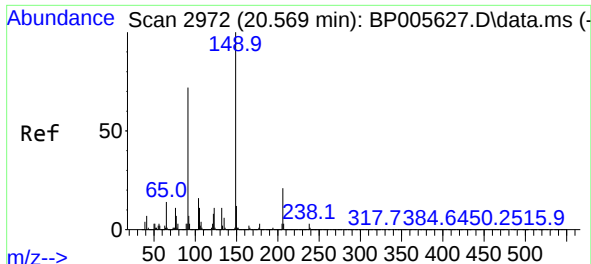


#79
Terphenyl-d14
Concen: 8.824 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47

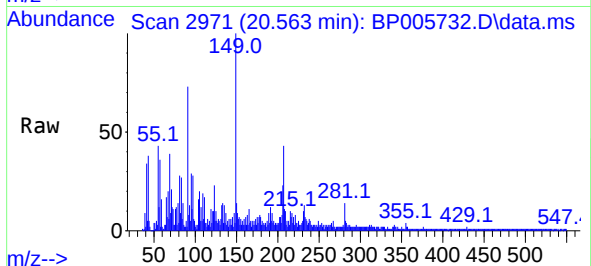


Tgt Ion:244 Resp: 343211
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 10.2 5.2 7.8#

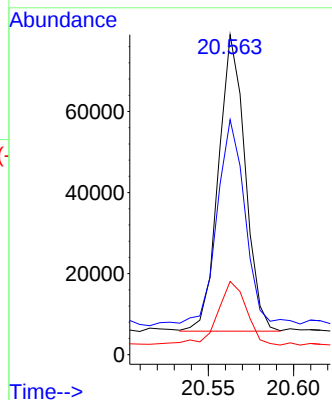




#80
Butylbenzylphthalate
Concen: 7.620 ng m
RT: 20.563 min Scan# 2971
Delta R.T. -0.006 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47



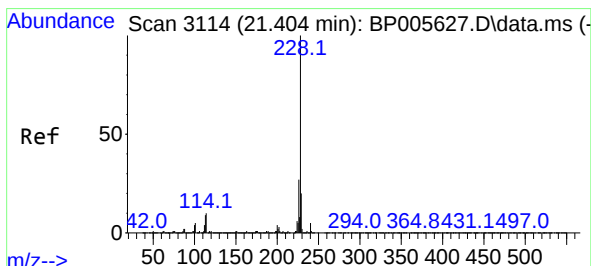
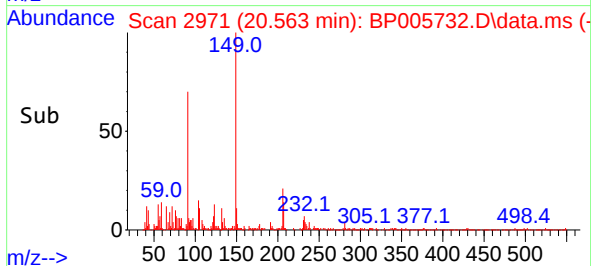
Tgt Ion:149 Resp: 79539
Ion Ratio Lower Upper
149 100
91 73.5 60.2 90.4
206 22.9 23.9 35.9#



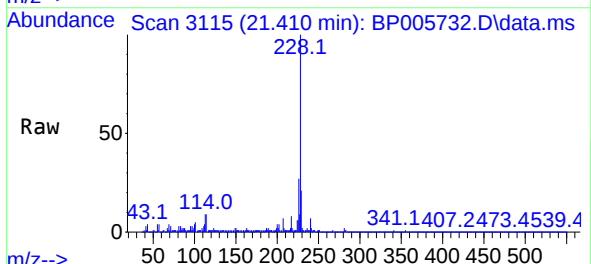
Instrument :
BNA_P
ClientSampleId :
18-B11(4-6)

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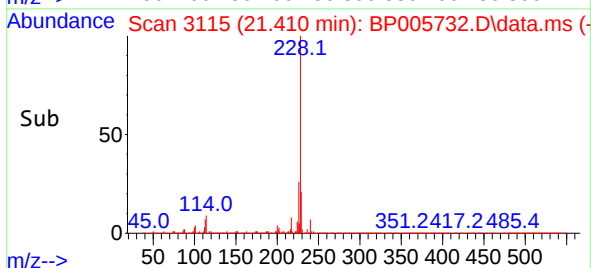
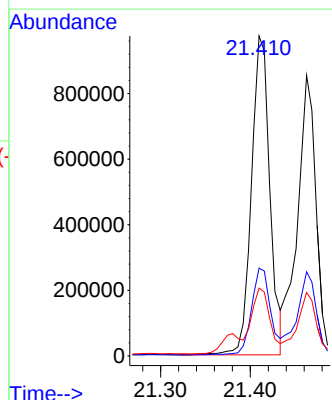
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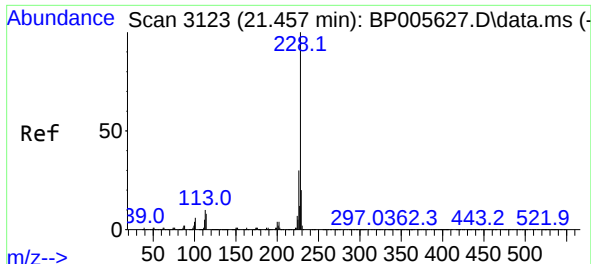


#81
Benzo(a)anthracene
Concen: 25.787 ng
RT: 21.410 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47



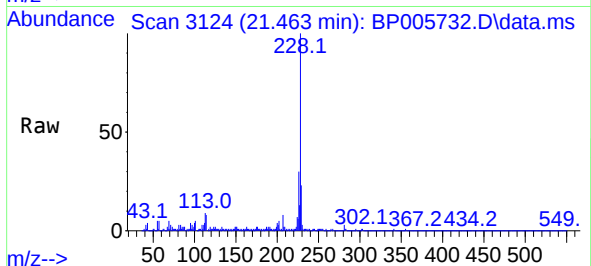
Tgt Ion:228 Resp: 1381308
Ion Ratio Lower Upper
228 100
226 27.5 21.2 31.8
229 21.2 15.6 23.4





#83
Chrysene
Concen: 23.601 ng
RT: 21.463 min Scan# 3124
Delta R.T. 0.006 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47

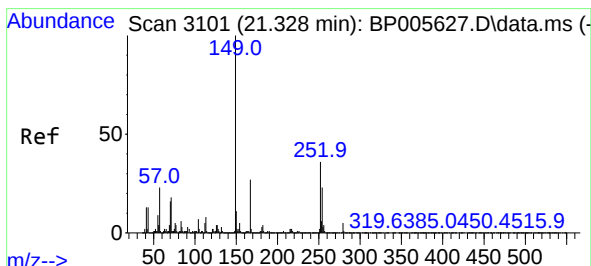
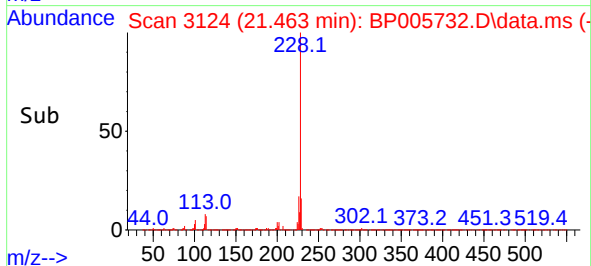
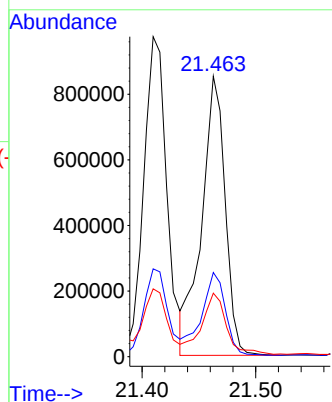
Instrument :
BNA_P
ClientSampled :
18-B11(4-6)



Tgt Ion:228 Resp: 1224170
Ion Ratio Lower Upper
228 100
226 30.0 24.8 37.2
229 22.6 15.4 23.0

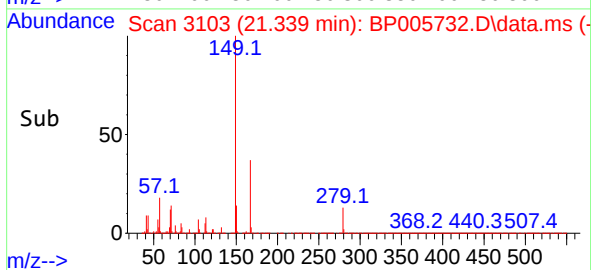
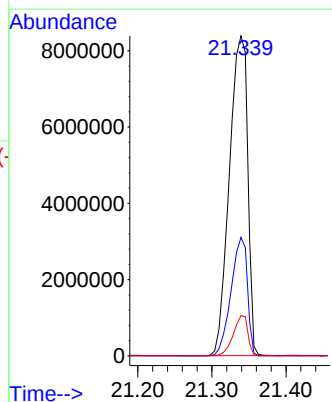
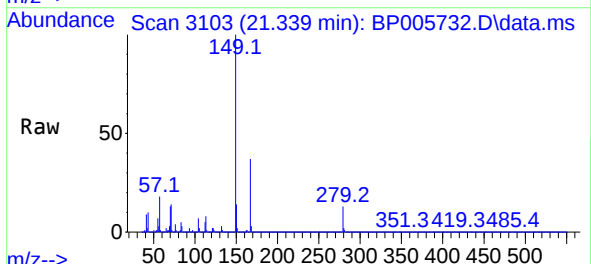
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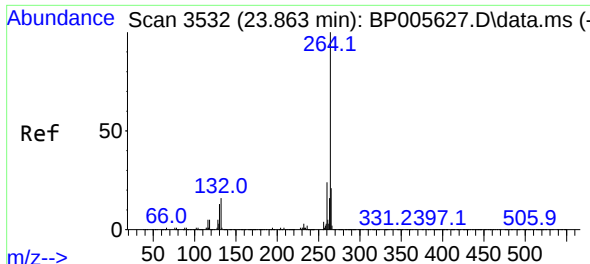
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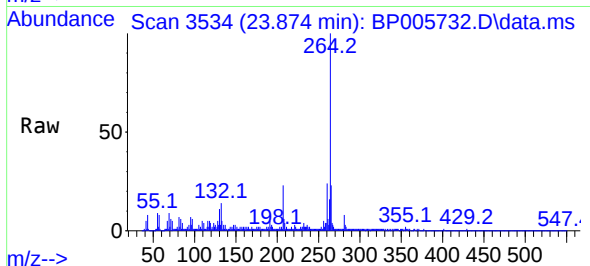
#84
Bis(2-ethylhexyl)phthalate
Concen: 495.052 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.012 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47

Tgt Ion:149 Resp:14402963
Ion Ratio Lower Upper
149 100
167 37.1 23.8 35.8#
279 12.6 5.7 8.5#

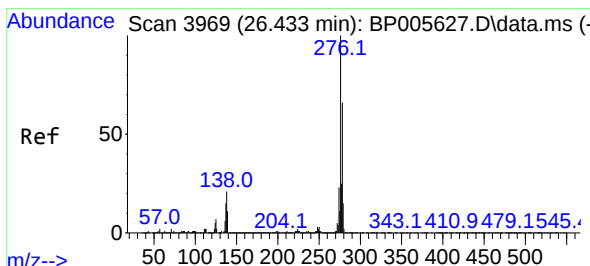
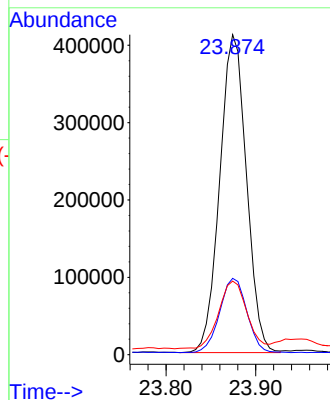
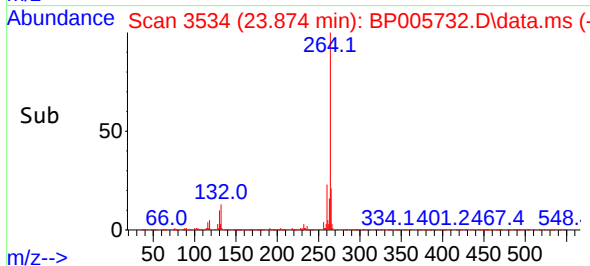




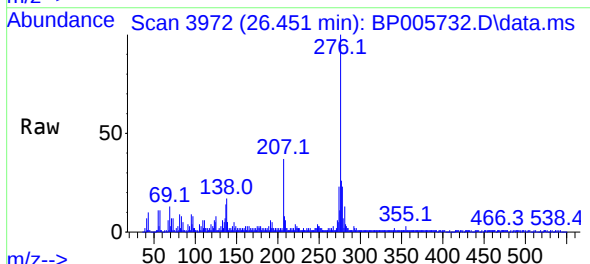
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.874 min Scan# 3534
Delta R.T. 0.012 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47



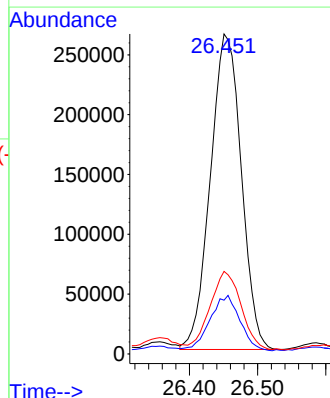
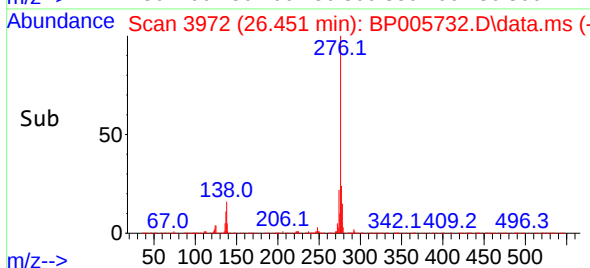
Tgt Ion: 264 Resp: 848674
Ion Ratio Lower Upper
264 100
260 23.8 20.6 30.8
265 23.0 19.0 28.6



#87
Indeno(1,2,3-cd)pyrene
Concen: 11.536 ng
RT: 26.451 min Scan# 3972
Delta R.T. 0.017 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47



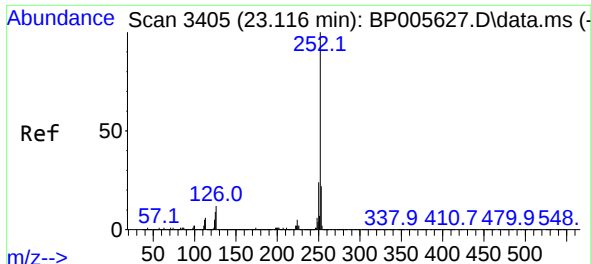
Tgt Ion: 276 Resp: 832938
Ion Ratio Lower Upper
276 100
138 17.0 8.4 12.6
277 24.6 20.6 31.0



Instrument :
BNA_P
ClientSampled :
18-B11(4-6)

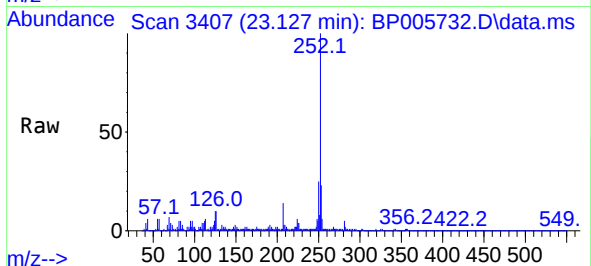
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#88
Benzo(b)fluoranthene
Concen: 27.644 ng
RT: 23.127 min Scan# 3407
Delta R.T. 0.012 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47

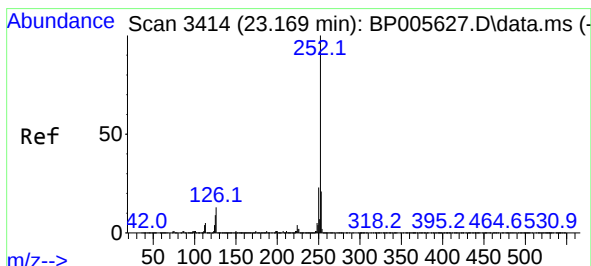
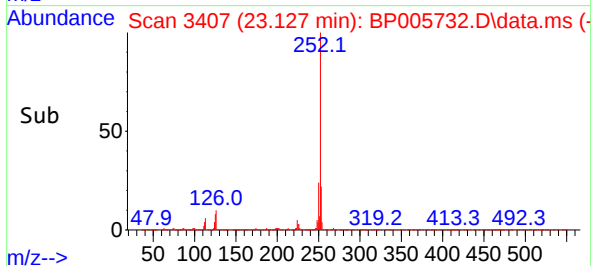
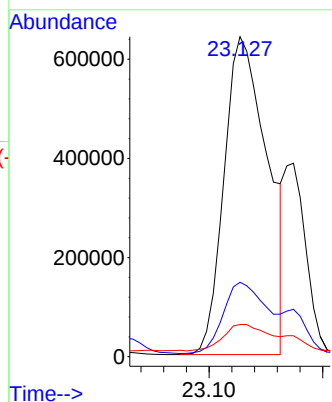
Instrument :
BNA_P
ClientSampled :
18-B11(4-6)



Tgt Ion:252 Resp: 1702240
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 10.0 3.4 5.0#

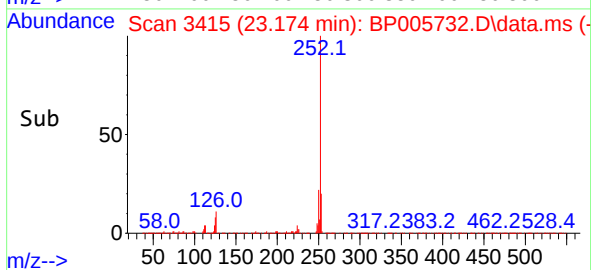
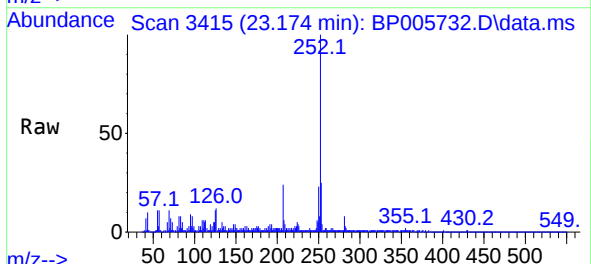
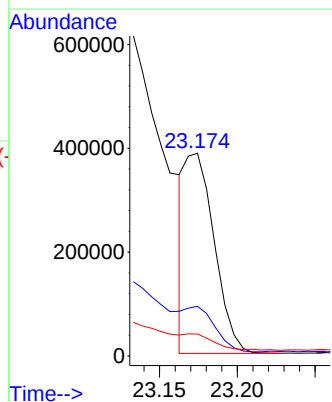
Manual Integrations
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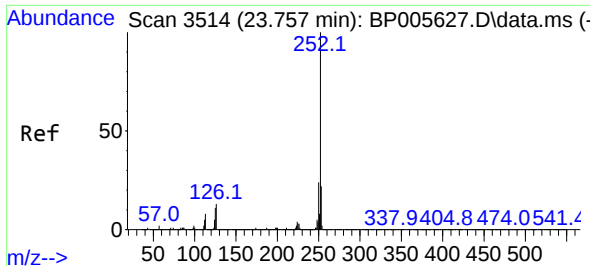
mohammad
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#89
Benzo(k)fluoranthene
Concen: 8.612 ng m
RT: 23.174 min Scan# 3415
Delta R.T. 0.006 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47

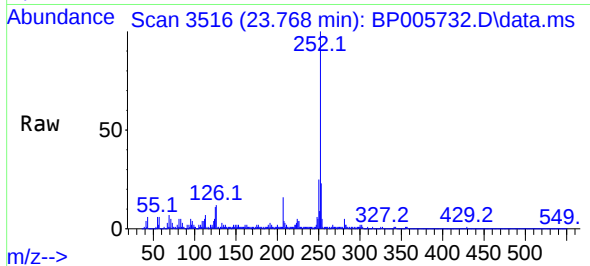
Tgt Ion:252 Resp: 502489
Ion Ratio Lower Upper
252 100
253 24.5 17.2 25.8
125 10.8 3.8 5.6#





#90
Benzo(a)pyrene
Concen: 21.692 ng
RT: 23.768 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47

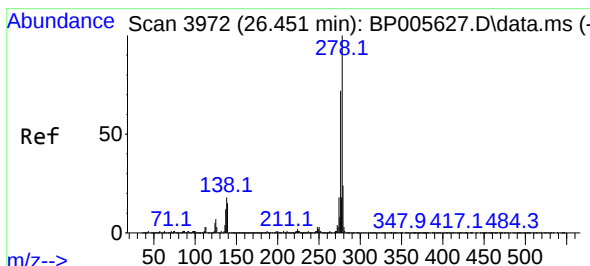
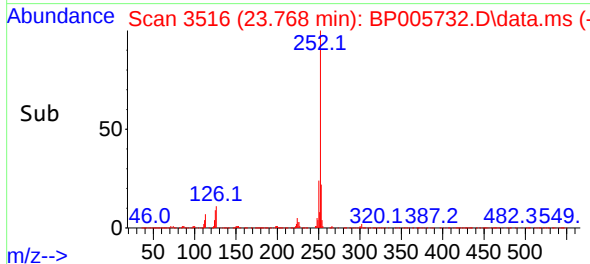
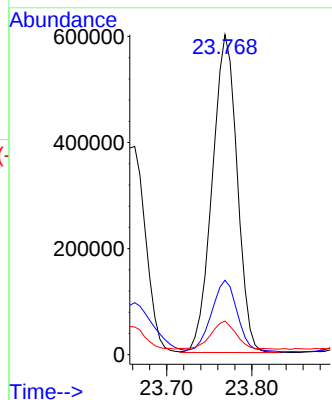
Instrument :
BNA_P
ClientSampled :
18-B11(4-6)



Tgt Ion:252 Resp: 1215150
Ion Ratio Lower Upper
252 100
253 23.2 17.1 25.7
125 10.5 3.8 5.6#

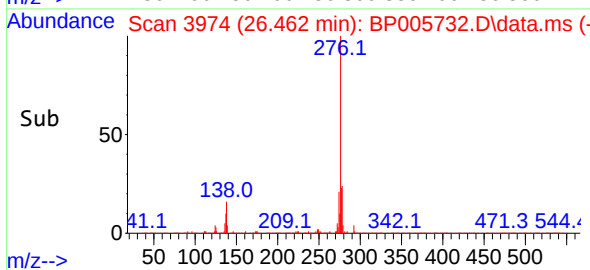
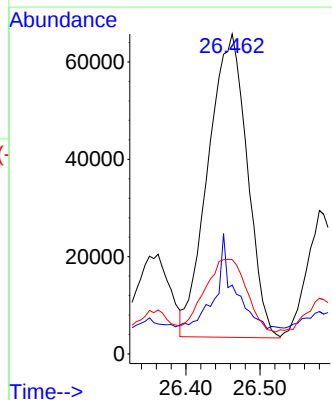
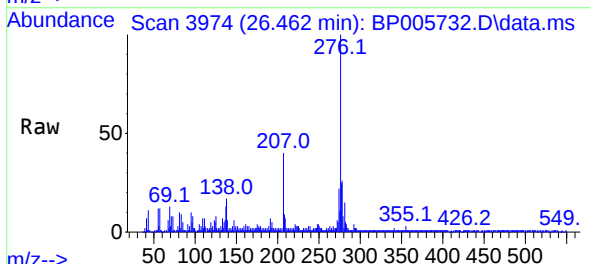
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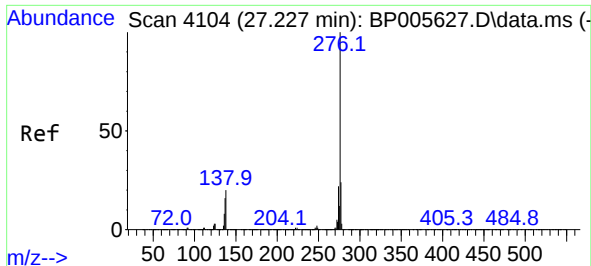
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 3.643 ng
RT: 26.462 min Scan# 3974
Delta R.T. 0.012 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47

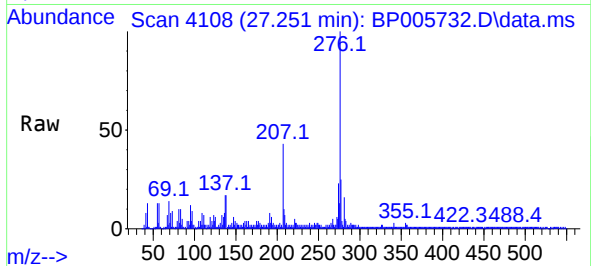
Tgt Ion:278 Resp: 228281
Ion Ratio Lower Upper
278 100
139 21.5 5.0 7.6#
279 29.5 18.6 28.0#





#92
Benzo(g,h,i)perylene
Concen: 13.399 ng
RT: 27.251 min Scan# 4108
Delta R.T. 0.023 min
Lab File: BP005732.D
Acq: 05 Jun 2021 02:47

Instrument :
BNA_P
ClientSampleId :
18-B11(4-6)



Tgt Ion:276 Resp: 809836
Ion Ratio Lower Upper
276 100
277 25.4 19.8 29.8
138 17.5 7.7 11.5#

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